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environmental consultants

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MEMORANDUM

To: Greg Russo, Kathleen Urbani, David Orwasher – 43-47 Broadway Realty, LLC
From: Jonathan Wood, Peter Sorge - J.M. Sorge
Subject: UST, UIC, and AST Status Summary
Date: August 30, 2022
JMS Project: 2020005

This memorandum was prepared by JM Sorge, Inc. (JMS) at the request of 43-47 Broadway Realty, LLC for the property located at 47 Broadway, 17 Langdon Place, 21 Langdon Place, 90 Station Plaza, and 96 Station Plaza, Lynbrook, Nassau County, New York (Property). The current tax listing for the Property is Block 519, Lots 13, 14, 117-118, 119-124, and 213 according to the Nassau County Land Records Viewer website. 43-47 Broadway Realty, LLC intends to redevelop the Property with a multi-story residential apartment building on approximately 1.12 acres of land. A Property location map is attached as Figure 1 and a Property map is included as Figure 2.

This memorandum has been prepared to provide a summary of investigations associated with Underground Storage Tanks (USTs), Underground Injection Controls (UICs), and Aboveground Storage Tanks (ASTs) at the Property.

I. Underground Storage Tanks

Ground penetrating radar (GPR) scans were conducted at the Property in December 2020 and May 2022, and several anomalies identified. The December 2020 GPR field report was included as an appendix in the JMS Phase II report and the May 2022 GPR field report is included as Attachment 1. In May 2022, an excavator was utilized to install test pits in the areas of all anomalies. Under the observation of a Nassau County Department of Health (NCDH) inspector, several USTs were uncovered and removed in May, July, and August 2022, including:

- 47 Broadway
    - 1,000-Gallon Heating Oil UST
- 90 Station Plaza
    - 550-Gallon Heating Oil UST
- 96 Station Plaza
    - 1,000-Gallon Heating Oil UST
    - 2,000-Gallon Heating Oil UST

No elevated photoionization detector (PID) readings, staining in the soil surrounding the USTs, or evidence of any discharge (smell or visual) were observed. All UST excavations were backfilled with clean fill and the UST shells, contents, and piping were disposed of off-site.

NCDH Removal Verification Letters for the 550 and 1,000-Gallon heating oil USTs are included as Attachment 2.

Due to the size of the 2,000-gallon UST at the 96 Station Plaza parcel, the UST was registered with the NCDH per their petroleum bulk storage regulations prior to removal. A UST Closure Report for the 2,000-gallon UST was prepared which details the UST removal, endpoint soil sampling results, and waste disposal. A copy of the report and NCDH field closure report have been included as Attachment 3.

During demolition of the building at 47 Broadway, a fifth UST was discovered while removing the former building footings. The tank was determined to be a 550-gallon heating oil UST. The UST was removed and the excavation was inspected by a representative of the NCDH. No elevated PID readings, staining in the soil surrounding the UST, or evidence of any discharge (smell or visual) were observed. The UST excavation was backfilled with clean fill and the UST shell, contents, and piping were disposed of off-site. A copy of the NCDH Removal Verification Letter for this 550-gallon heating oil UST is included as Attachment 2.

A figure detailing the locations of the USTs is included as Figure 3.

II. Underground Injection Controls

During the December 2020 and May 2022 GPR scans, several potential UICs were identified at 47 Broadway. The December 2020 GPR field report was included as an appendix in the JMS Phase II report and the May 2022 GPR field report is included as Attachment 1. One drywell (DW-1) was readily accessible in December 2020 and a sediment sample was collected. In May 2022, an excavator was utilized to install test pits in the areas of the other potential UICs. One additional drywell (DW-2) and one septic tank (SEP-1) were uncovered. A total of 3 UISs were discovered at the Property. Characterization samples were collected from the drywell sediment and septic liquid. Following receipt of analytical results, a UIC Closure Plan was prepared and submitted to NCDH. NCDH reviewed the plan and issued an approval letter for the UIC removal and remediation. The UIC Closure Plan and the NCDH approval letter have been included as Attachment 4. A figure detailing the locations of the UICs is included as Figure 4.

Under the observation of a NCDH inspector, the UICs were remediated in August 2022. During remediation of DW-1, the NCDH inspector noticed that the structure was not a drywell, but a sanitary cesspool. An endpoint soil sample was collected from DW-1 and analyzed for Volatile Organic Compounds, Semi-Volatile Organic Compounds, and 8 RCRA metals per NCDH requirements. Analytical results were compared to the NYSDEC Part 375-6.8(b) "Protection of Groundwater" soil clean-up objectives and no contamination was identified in the endpoint sample.

Analytical results and copies of the waste disposal manifests were shared with NCDH and they issued a letter requiring no further action. A copy of the no further action letter has been included as Attachment 4.

Following a request from 43-47 Broadway Realty, LLC, all UICs were removed down to 10 feet below grade to prepare for future development of the Property. The septic tank and drywell DW-2 were completely removed. Concrete block construction associated with the sanitary cesspool still remains from 10 feet to 20 feet below grade. All excavations were backfilled with clean fill. UIC contents and structures were transported off-site for disposal.

III. Aboveground Storage Tanks

During the Phase I inspections of the 47 Broadway and 17 Langdon Place buildings, evidence of ASTs was observed:

- 47 Broadway

Two 275-gallon heating oil ASTs were located in the boiler room of the 47 Broadway building. They were connected to piping that fed through the wall and could be observed on the outside of the building. The AST shells, contents, and piping were removed from the Property and disposed of off-site. NCDH was notified at the time of removal and a NCDH Removal Verification Letter is included as Attachment 2. No known discharges occurred from the ASTs.

- 17 Langdon Place

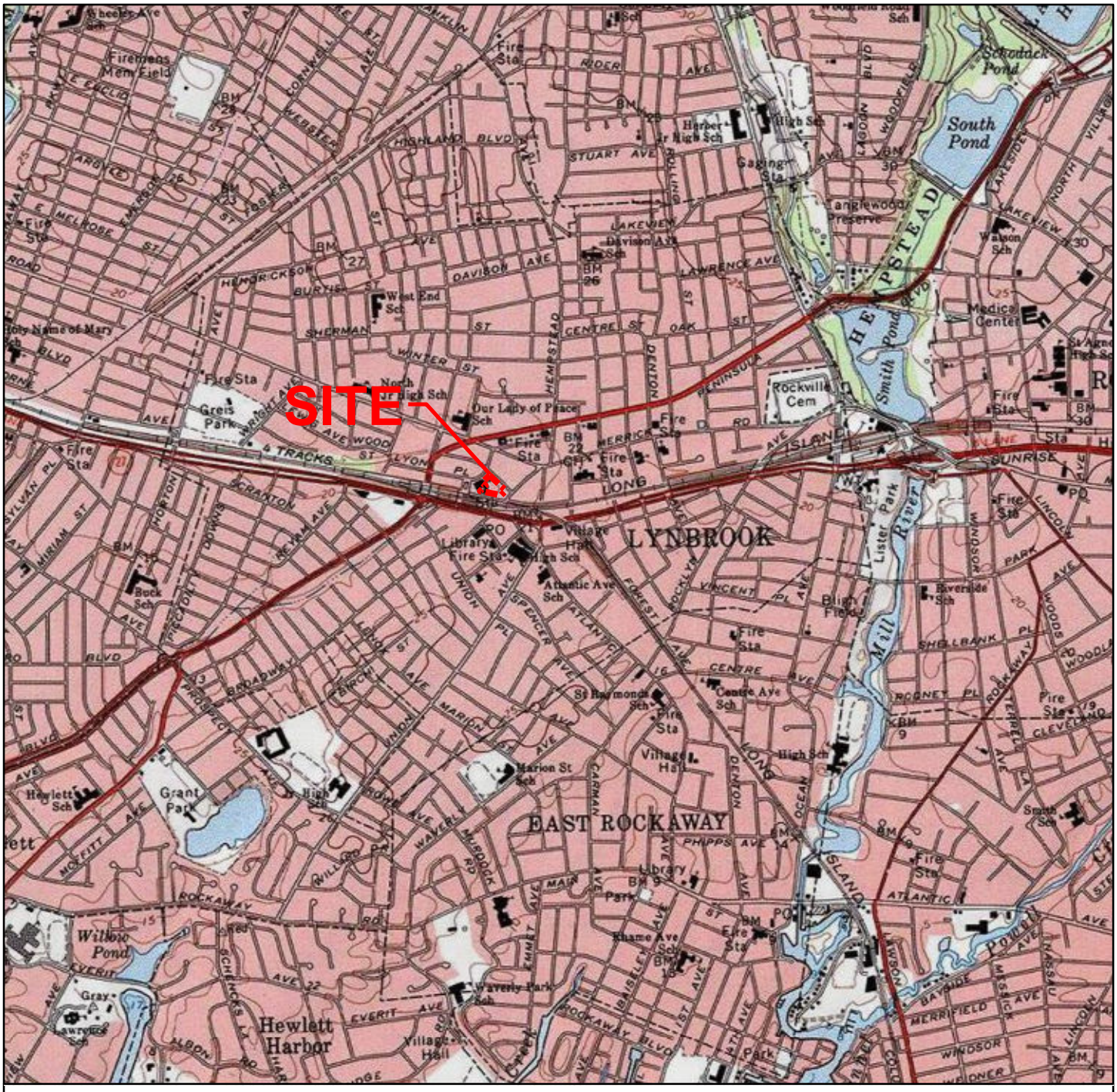
One 275-gallon heating oil AST was formerly located in the basement of the residence at 17 Langdon Place. The AST had been removed by the time of JMS' inspection, but a fill port was still present on the side of the house. A conversation with the former property owner indicated that the AST was removed from the Property during the conversion to natural gas heat in the 1970s/1980s. NCDH did not have records of this tank, so NCDH was notified in order to record this tank in their system. A NCDH Removal Verification Letter is included as Attachment 2. No known discharges occurred from the AST.

AST locations are included on Figure 3.

IV. Conclusion

A total of five USTs, two UICs, one sanitary cesspool, and three ASTs are known to have been removed from the Property. All final closure documentation has been received from NCDH and no further action is currently required with regard to any known USTs, UICs, or ASTs.

FIGURES



1 0.5 0 1
Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000
Feet

1 0 1 2
Kilometers

1:24,000

N

Credit: Copyright© 2013 National Geographic Society, i-cubed

PROPERTY LOCATION MAP

BLOCK 519, LOTS 13, 14, 117-124, 213
47 BROADWAY, 17 & 21 LANGDON PLACE,
AND 90 & 96 STATION PLAZA
LYNBROOK, NEW YORK

PREPARED FOR:
43-47 BROADWAY REALTY, LLC

Date: 8/29/2022	JMS #2020.005.008
JM SORGE, INC.	FIGURE 1



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

Property Boundary

Lots

NOTES:
1. This map was developed using New York State Discovery GIS NY Digital Data.

2. Property Boundaries are approximate. The borders are based on 2003 Nassau County Department of Assessment Land & Tax Map.

N

0 15 30 60 Feet

SITE PLAN

47 BROADWAY, 17 & 21 LANGDON PLACE, AND
90 & 96 STATION PLAZA
LYNBROOK, NY

PREPARED FOR:
43-47 BROADWAY REALTY, LLC

Date: 8/29/2022	JMS # 2020.005.009
JM SORGE, INC.	FIGURE 2



Legend

- Project Boundary
- Lots
- AST Locations
- UST Locations

NOTES:
1. This map was developed using New York State Discovery GIS NY Digital Data.

2. Property Boundaries are approximate. The borders are based on 2003 Nassau County Department of Assessment Land & Tax Map.

N

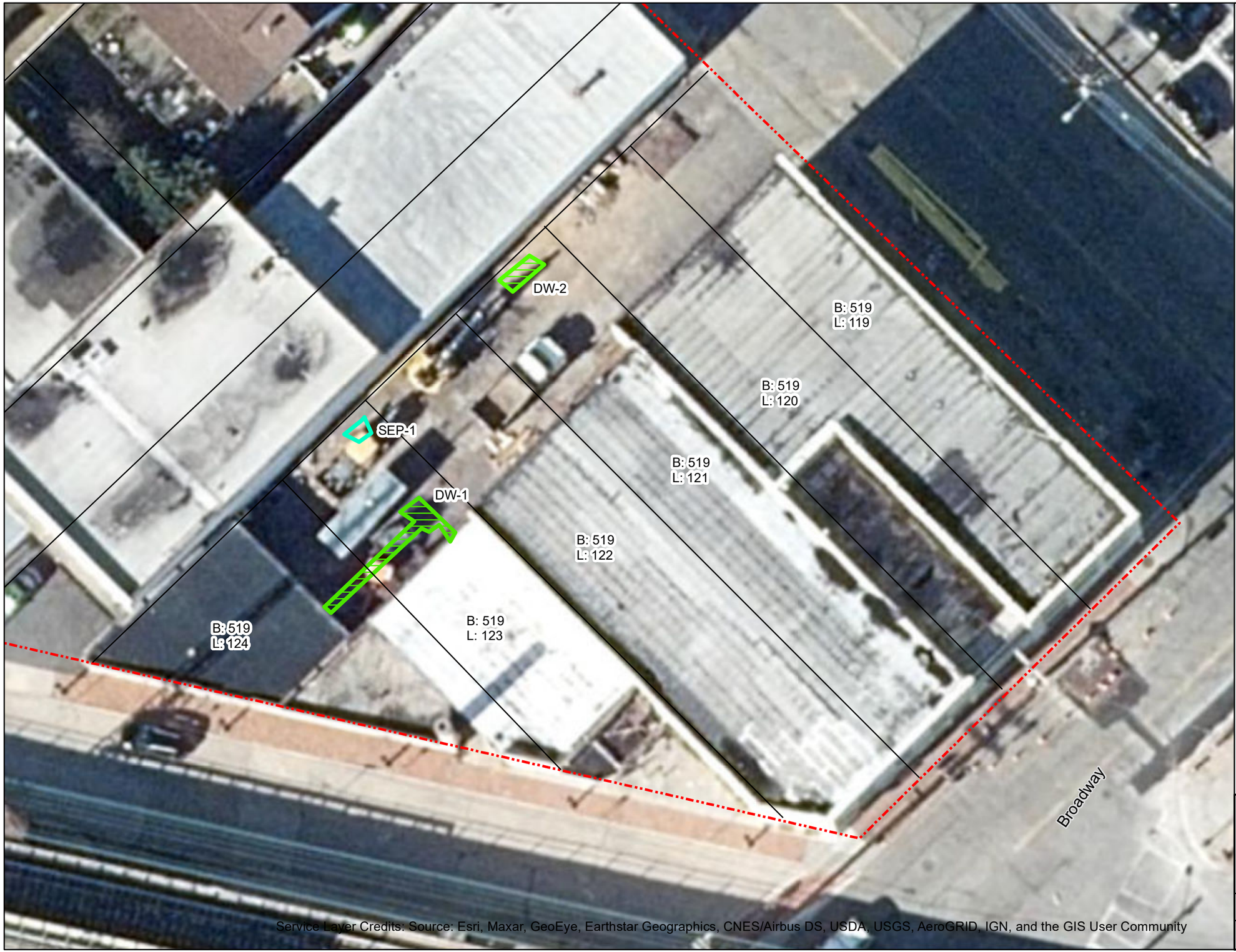
0 15 30 60
Feet

SITE MAP WITH UST AND AST LOCATIONS

47 BROADWAY, 17 & 21 LANGDON PLACE, AND
90 & 96 STATION PLAZA
LYNBROOK, NY

PREPARED FOR:
43-47 BROADWAY REALTY, LLC

Date: 8/29/2022	JMS # 2020.005.014
JM SORGE, INC.	FIGURE 3



Legend

- Property Boundary
- Lots
- Dry Wells
- Septic Tank

NOTES:
1. This map was developed using New York State Discovery GIS NY Digital Data.

2. Property Boundaries are approximate. The borders are based on 2003 Nassau County Department of Assessment Land & Tax Map.

3. Highlighted concentration indicates the exceedance of a standard.

N

0 10 20 40
Feet

SITE MAP WITH UIC LOCATIONS

47 BROADWAY, 17 & 21 LANGDON PLACE, AND
90 & 96 STATION PLAZA
LYNBROOK, NY

PREPARED FOR:
43-47 BROADWAY REALTY, LLC

Date: 8/29/2022	JMS # 2020.005.015
JM SORGE, INC.	FIGURE 4

ATTACHMENT 1

GPR OneCall
UNDERGROUND LOCATION EXPERTS
PO Box 5400, Clinton, NJ 08809
P: 908-725-1444 / F: 908-725-1455
info@gpronecall.com

Field Service Report

Troy H. Ennis, Geophysical Technician

Date of Service: May 9, 2022

GPR One Call Job Number: 420753-2

Technician: Troy Ennis II

Customer:

JM Sorge
Attn: Jonathan Wood

Job Site:

47 Broadway
Lynbrook, NY 11563

Customer Email: jwood@jmsorge.com

Customer Phone: 908-218-0066

Services Performed (Check all that apply):

- [ ] Utility Locate
- [x] UST Investigation
- [ ] Concrete Scan
- [ ] Clear Bore Holes/Excavation
- [ ] Video Camera Inspection
- [ ] Soft Dig
- [ ] Leak Locate
- [ ] Fault Locate

Methodologies:

- [ ] Electromagnetic Passive (Radio & Electric)
- [ ] Electromagnetic Active (Induction/Connect)
- [x] Ground Penetrating Radar (GPR)
- [ ] Duct Rod
- [ ] Sonde
- [x] Ferromagnetic (Metal Detection)

Types of Utilities Marked:

- [ ] Gas
- [ ] Water
- [ ] Electric
- [ ] Fiber Optic
- [ ] Storm
- [ ] Sewer
- [ ] Comm
- [x] None
- [x] Other (Specify): Potential UST

Limitations:

GPR Max. Depth: 3'

Metal Interference: Steel reinforced concrete, Metal Fencing, Metal Siding

Obstructions: Fencing

Notes:

Scope of work was to conduct a geophysical investigation to locate potential unknown underground storage tanks (UST's) at the above referenced location. Methodologies utilized are noted above.
Additional Technician Notes:
Scope of work was limited to the alley way and residential driveway that were not previously accessible. The driveway was steel reinforced and had to be entirely GPR scanned; however, no tank-like GPR anomalies were located. The alley way could not be properly scanned ferro-magnetically due to interference from the building and the parallel fencing there. The entire alleyway was GPR scanned where accessible. Towards the front of the alleyway a partial tank-like anomaly was located. Additional GPR scans could not be conducted due to the physical constraints of the alleyway. The anomaly was probed and a verified metal object was contacted at a depth of approximate depth of 2'. A potential UST was indicated in the location and marked out with white paint. Click to view/download site photos:

Terms and Conditions Both GPR and EM measurement are remote sensing methods and , in some instances , due to interference , site conditions or other geophysical limitations , do not reveal data which may be indicative of subsurface anomalies . Therefore , GPR One Call cannot guarantee that every subsurface object will be located at every site and cannot be held liable for failure to detect USTs, subsurface objects , or utilities in areas where site conditions prevent detection . Client is responsible for any damage that occurs if they do not have a current "Call Before You Dig 811" ticket before our locating or excavating . Site specific conditions such as air handling units, generators, above ground storage tanks, metal fencing, sheds, rebar, or wire mesh laden concrete, etc. will prohibit a complete investigation of the property. Areas under crawl spaces, decks, structures, or additions are specifically excluded.



Scope
Electric
Telecom
Storm
Sewer
Water
Gas

Light
Transformer
Utility Pole Drop
Inlet
Fire Hydrant
Gas Meter

Electric Manhole
Telecom Manhole
Sanitary Manhole
Storm Manhole
Unknown Anomaly
Potential UST

GPR Job No: 420753 / Completed May 9, 2022

Client: JM Sorge

Job Site: 47 Broadway ,

Lynbrook, NY 11563

Depths are Est. and Req. Level A Verification / For Illlustration Purposes Only

GPR OneCall
Underground Location Experts

Both GPR and EM measurement are remote sensing methods and in some instances, due to interference, site conditions or other geophysical limitations, do not reveal data which may be indicative of subsurface anomalies. Therefore , GPR One Call cannot guarantee that every subsurface object will be located at every site and cannot be held liable for failure to detect USTs, subsurface objects or utilities in areas where site conditions prevent detection. Client is responsible for any damage that occurs if they do not have a current "Call Before You Dig 811" ticket before our locating or excavating. Site specific conditions such as air handling units, generators, above ground storage tanks, metal fencing, sheds, rebar or wire mesh laden concrete, etc. will prohibit a complete investigation of the property. Areas under crawl spaces, decks, structures or additions are specifically excluded.

ATTACHMENT 2

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

June 07, 2022

Current Resident
47 BROADWAY
LYNBROOK NY 11563

TYPE: REMOVAL
Re: 47 BROADWAY
LYNBROOK NY 11563

To Whom It May Concern:

This letter is to verify that the following tank removal information was filed with the Nassau County Department of Health.

Date Removal Completed:	May 24, 2022
Tank Size:	550 Gallons
Tank Location	Below Ground
Dec Spill # (if applicable)	NA

Note: An above ground tank may be installed outdoors, indoors, or in a basement

New Gas Conversion:	Yes
New Tank Size :	
New Location	

Contractor: ACTION REMEDIATION INC

Comments: SMALL ALLEY NORTHWEST OF PROPERTY
1K GAL CARDINAL UST REMOVED, CUT AND CLEANED. NO HOLES IN TANK, NO APPARENT CONTAMINATION IN EXCAVATION. PID METER READING 0.00 PPM FOR FIELD SCREENED BOTTOM SAMPLE.

If you have any questions regarding this information, call the Bureau of Environmental

Protection at (516)227-9691.

Bureau of Environmental Protection

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

June 07, 2022

Current Resident
96 STATION PLAZA
LYNBROOK NY 11563

TYPE: REMOVAL
Re: 96 STATION PLAZA
LYNBROOK NY 11563

To Whom It May Concern:

This letter is to verify that the following tank removal information was filed with the Nassau County Department of Health.

Date Removal Completed:	May 25, 2022
Tank Size:	1,000 Gallons
Tank Location	Below Ground
Dec Spill # (if applicable)	NA

Note: An above ground tank may be installed outdoors, indoors, or in a basement

New Gas Conversion:	Yes

New Tank Size :

New Location

Contractor: ACTION REMEDIATION INC

Comments: TANK #0002 - NORTHEAST REAR OF PARKING LOT
UST REMOVED, CUT AND CLEANED. NO OBVIOUS HOLES IN TANK, NO APPARENT CONTAMINATION IN EXCAVATION. FIELD SCREENED BOTTOM SAMPLE READING 0.5 PPM ON PID METER. NO FURTHER ACTION REQUIRED FOR THIS TANK.

If you have any questions regarding this information, call the Bureau of Environmental

Protection at (516)227-9691.

Bureau of Environmental Protection

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

July 28, 2022

Current Resident
90 STATION PLAZA
LYNBROOK NY 11563

TYPE: REMOVAL
Re: 90 STATION PLAZA
LYNBROOK NY 11563

To Whom It May Concern:

This letter is to verify that the following tank removal information was filed with the Nassau County Department of Health.

Date Removal Completed:	July 08, 2022
Tank Size:	550 Gallons
Tank Location	Below Ground
Dec Spill # (if applicable)	NA

Note: An above ground tank may be installed outdoors, indoors, or in a basement

New Gas Conversion:	Yes

New Tank Size :

New Location

Contractor: ACTION REMEDIATION INC

Comments: NORTHWEST CORNER OF PROPERTY IN ALLEY
5/24/22 - UST CUT AND CLEANED, UNABLE TO BE REMOVED DUE TO PROXIMITY TO NATURAL GAS LINE. UST TO BE REMOVED, EXCAVATION FIELD SCREENED AT A LATER DATE TBD WITH CONTRACTOR/PROPERTY OWNER. B
7/8/22 - UST REMOVED. BOTTOM EDGE CORRODED, NO OTHER HOLES NOTED IN TANK. FIELD SCREENED EXCAVATION BOTTOM SAMPLE PID METER READING 0.00 PPM. NO APPARENT CONTAMINATION IN EXCAVATION. BACKFILLING APPROVED.

If you have any questions regarding this information, call the Office of Toxic and Hazardous Materials Storage at (516)227-9691.

Office of Toxic and Hazardous Materials Storage

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

August 19, 2022

Current Resident
47 BROADWAY
LYNBROOK NY 11563

TYPE: REMOVAL
Re: 47 BROADWAY
LYNBROOK NY 11563

To Whom It May Concern:

This letter is to verify that the following tank removal information was filed with the Nassau County Department of Health.

Date Removal Completed:	August 05, 2022
Tank Size:	550 Gallons
Tank Location	Below Ground
Dec Spill # (if applicable)	NA

Note: An above ground tank may be installed outdoors, indoors, or in a basement

New Gas Conversion:	Yes
New Tank Size :	
New Location	

Contractor: ACTION REMEDIATION INC

Comments: ENCOUNTERED DURING DEMOLITION - PARKING SKIRT IN FRONT OF DEMOLISHED BUILDING
UST REMOVED, CUT, AND CLEANED. NO HOLES IN TANK, NO APPARENT CONTAMINATION IN EXCAVATION. FIELD SCREENED BOTTOM SAMPLE PID METER READINGS 0.00 PPM. BACKFILLING APPROVED.

If you have any questions regarding this information, call the Office of Toxic and Hazardous Materials Storage at (516)227-9691.

Office of Toxic and Hazardous Materials Storage

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

June 07, 2022

Current Resident
47 BROADWAY
LYNBROOK NY 11563

TYPE: REMOVAL
Re: 47 BROADWAY
LYNBROOK NY 11563

To Whom It May Concern:

This letter is to verify that the following tank removal information was filed with the Nassau County Department of Health.

Date Removal Completed:	May 19, 2022
Tank Size:	275 Gallons
Tank Location	Basement
Dec Spill # (if applicable)	

Note: An above ground tank may be installed outdoors, indoors, or in a basement

New Gas Conversion:	Yes
New Tank Size :	
New Location	

Contractor: ACTION REMEDIATION INC

Comments: (2) TANDEM PIPED TANKS IN THE BASEMENT
VENT AND FILL PIPES REMOVED. CONTRACTOR CONFIRMED JOB COMPLETION.

If you have any questions regarding this information, call the Bureau of Environmental

Protection at (516)227-9691.

Bureau of Environmental Protection

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

August 19, 2022

Current Resident
17 LANGDON
LYNBROOK NY 11563

TYPE: REMOVAL
Re: 17 LANGDON
LYNBROOK NY 11563

To Whom It May Concern:

This letter is to verify that the following tank removal information was filed with the Nassau County Department of Health.

Date Removal Completed:	August 05, 2022
Tank Size:	275 Gallons
Tank Location	Basement
Dec Spill # (if applicable)	

Note: An above ground tank may be installed outdoors, indoors, or in a basement

New Gas Conversion:	Yes
New Tank Size :	
New Location	

Contractor: ACTION REMEDIATION INC

Comments: HOME DEMOLISHED, AST REMOVED

If you have any questions regarding this information, call the Office of Toxic and Hazardous Materials Storage at (516)227-9691.

Office of Toxic and Hazardous Materials Storage

ATTACHMENT 3







UST Closure Report

96 Station Plaza
Lynbrook, New York

Prepared for:

43-47 Broadway Realty, LLC
500 Old Country Road, Suite 200
Garden City, NY 11530

June 2022

JMS Project # 2020005

Prepared by:

JM Sorge
environmental consultants

57 Fourth Street, Somerville, New Jersey 08876

www.jmsorge.com

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FIGURES

Figure 1: Site Location Map

Figure 2: Site Map

Figure 3: Endpoint Soil Analytical Results Map

TABLES

Table 1: Soil Analytical Results Summary

APPENDICES

Appendix A: NCDH Site Assessment Plan and NYSDEC/Lynbrook Notifications

Appendix B: UST Photographs

Appendix C: Disposal Documentation

Appendix D: Laboratory Analytical Report

Appendix E: Fill Documentation

1 INTRODUCTION

JM Sorge, Inc. (JMS) was retained by 43-47 Broadway Realty, LLC to coordinate and observe the removal of an underground storage tank (UST) at the property located at 96 Station Plaza, Lynbrook, Nassau County, New York ("Property"). The Property is identified as Block 519, Lot 14 on the Lynbrook, NY tax map. A topographic map is included as Figure 1. A site map is included as Figure 2, which includes the location of the UST. The Property is currently vacant and is part a redevelopment project, along with several other adjacent parcels.

A ground penetrating radar (GPR) scan was conducted at the Property in December 2020, and several anomalies identified. In May 2022, an excavator was utilized to install test pits in the areas of all anomalies. A previously abandoned 2,000-gallon heating oil UST was found during the test pit investigation. Due to the size of the UST, it was registered with the Nassau County Department of Health (NCDH) per their petroleum bulk storage regulations. New York State Department of Environmental Conservation (NYSDEC) and the Village of Lynbrook were also notified of the UST registration and intent to remove.

The UST was removed from the Property on May 25, 2022. No evidence of a petroleum discharge was observed at the time of tank removal. Following removal of the UST and its contents (a mixture of liquid and soil), two post-removal soil samples were collected, under oversight of the onsite NCDH inspector. Both endpoint soil samples were analyzed by Eurofins Environment Testing America (Eurofins) for EPA Test Method 8260 (VOCs) and EPA Test Method 8270 (SVOCs) analysis. No petroleum-related contamination was identified in either sample.

The work was conducted in accordance with the NYSDEC Technical Guidance for Site Investigation and Remediation (DER-10), NCDH guidance, and under the observation of a NCDH inspector. This report summarizes the tank removal activities, waste disposal, and endpoint soil sampling. Based on the findings of the investigation, no further remedial action is warranted for this UST.

2 PHYSICAL SETTING

The Property is located at 96 Station Plaza, Lynbrook, Nassau County, New York. The Property is identified as Block 519, Lot 14 on the Lynbrook, NY tax map. The Property is situated in a suburban area of Lynbrook with surrounding retail and commercial businesses. The Property is being developed for future residential use. A topographic map is provided as Figure 1 and a site map is provided as Figure 2.

2.1 Topography

The Property is located within the Coastal Plain Physiographic Province of New York. The Property has a central location of Latitude 40° 39′ 22.06′′ North, Longitude 73° 40′ 27.75′′ West, and has an elevation of approximately 19 feet (ft) above mean sea level, as indicated on the Lynbrook, NY USGS topographic quadrangle. Topography in the area generally slopes to the southwest.

2.2 Site Soils

Information regarding the soils in the area of the Property was obtained through a review of the soil maps contained in the United States Department of Agriculture survey. The survey identifies the predominant soil type on the site as Urban Land. Soils encountered during the UST removal consisted predominantly of brown silty sand with some medium to fine gravel.

2.3 Regional Geology

Surficial geology is Outwash sand and gravel (og) generally consisting coarse to fine gravel with sand, proglacial fluvial deposition, well rounded and stratified, generally finer texture away from ice border, permeable, thickness variable (2-20 meters). The deeper bedrock is of the Coastal Plain Deposits, Monmouth Group, Matawan Group and Magothy Formation (Km). This formation generally consisting of silty clay, glauconitic sandy clay, sand, and gravel. Bedrock was not encountered during UST closure, which extended to approximately 8.5 ft below ground surface (bgs).

2.4 Site Hydrogeology

Groundwater was not encountered during the UST removal. Based on observations from work conducted at the adjacent 47 Broadway property, groundwater is present at approximately 9 ft bgs, and the groundwater flow direction is generally to the west to southwest. Grant Pond is the closest surface water body to the Property and is located approximately one mile to the southwest.

3 UST CLOSURE ACTIVITIES

On May 9, 2022 the UST was uncovered with an excavator. The top of the tank was located approximately 3.0 feet below current grade. The tank was previously abandoned and filled with a mix of water and sand. No photoionization detector (PID) readings were detected in the UST or in the soil surrounding the tank. Overburden soils were backfilled on top of the UST.

The tank was previously abandoned, although it was not registered. Based on the test pit observations, the UST was registered with the NCDH per their petroleum bulk storage regulations. NYSDEC and the Village of Lynbrook were also notified of the UST registration and intent to remove. A Copies of the approved NCDH site assessment plan, NYSDEC notification, and Village of Lynbrook notification are included in Appendix A.

3.1 UST Removal

The UST was removed from the Property on May 25, 2022. The UST measured 5.5 ft in diameter and 12 feet in length (approximately 2,000-gallon capacity). No anchors or concrete pad were found. Piping was connected to the top of the UST and extended to a vent pipe at the western Property boundary. All observed UST-related piping was removed.

During removal, the tank was opened and around 475 gallons of oily water were removed for off-site disposal. Approximately 8 tons of sand were removed and staged in a plastic-lined roll-off, pending off-site disposal.

Following removal from the ground, the tank shell was inspected, photographed, rendered unusable, and loaded for off-site recycling. No holes were identified and the shell appeared competent.

No stained soil, petroleum odors, or elevated PID readings were observed in the soil of the UST excavation.

Photographs documenting the tank removal are provided in Appendix B.

3.2 Waste Disposal

The UST shell was rendered unusable and disposed as scrap at Loni-Jo Metal Corp. in Westbury, New York. A copy of the scrap disposal receipt can be found in Appendix C.

The liquid contents removed from the tank were transported offsite on May 25, 2022 to the Action Hazmat Trucking facility in Wantagh, NY. The disposal documentation is included in Appendix C.

The staged soil UST contents were transported offsite on June 1, 2022 to the Action Hazmat Trucking facility in Wantagh, NY. The disposal documentation is included in Appendix C.

3.3 Soil Sampling

Soil samples were collected in accordance with the approved NCDH site assessment plan and under the observation of a NCDH inspector.

Sample locations are illustrated on Figure 3.

Soil samples UST-1-A UST-1-B were collected at the base of the excavation from approximately 8.5-9.0 ft bgs in the centerline of the former UST location, which corresponded to the invert of the tank. Soil samples beneath the UST piping were not required by the NCDH site assessment plan or the NCDH inspector in the field.

Groundwater was not observed in the excavation.

3.3.1 Analytical Results

All soil samples were collected in laboratory supplied bottles. The soil samples were transferred under strict chain of custody to Eurofins located in Edison, NJ (NYSDEC certification #11452), and analyzed for EPA Test Method 8260 (VOCs) and EPA Test Method 8270 (SVOCs) per the approved site assessment plan.

The analytical results were compared to 6 NYCRR 375-6 Soil Cleanup Objectives (SCO). No petroleum related VOCs or SVOCs were identified over their respective SCO.

The endpoint analytical results are summarized on Table 1 and Figure 3. The laboratory reports are included as Appendix D.

3.4 Reliability of Analytical Data

The investigation activities were conducted by JMS in accordance with the NYSDEC DER-10 and NCDH guidance, under the field observation of a NCDH inspector. Laboratory analysis for the project was conducted by Eurofins. Samples were maintained at 4 degrees centigrade and under a strict chain of custody. Soil samples and water samples were collected and analyzed for VOCs and SVOCs.

The sample holding times were not exceeded, and each analysis was conducted in accordance with the applicable methodologies.

4 SITE RESTORATION

Following the completion of the UST removal and soil sampling activities on May 25, 2022, the excavation was backfilled with clean fill from Posillico Materials, LLC of Farmingdale, NY. Copies of the clean fill weight tickets and analytical documentation are provided in Appendix E.

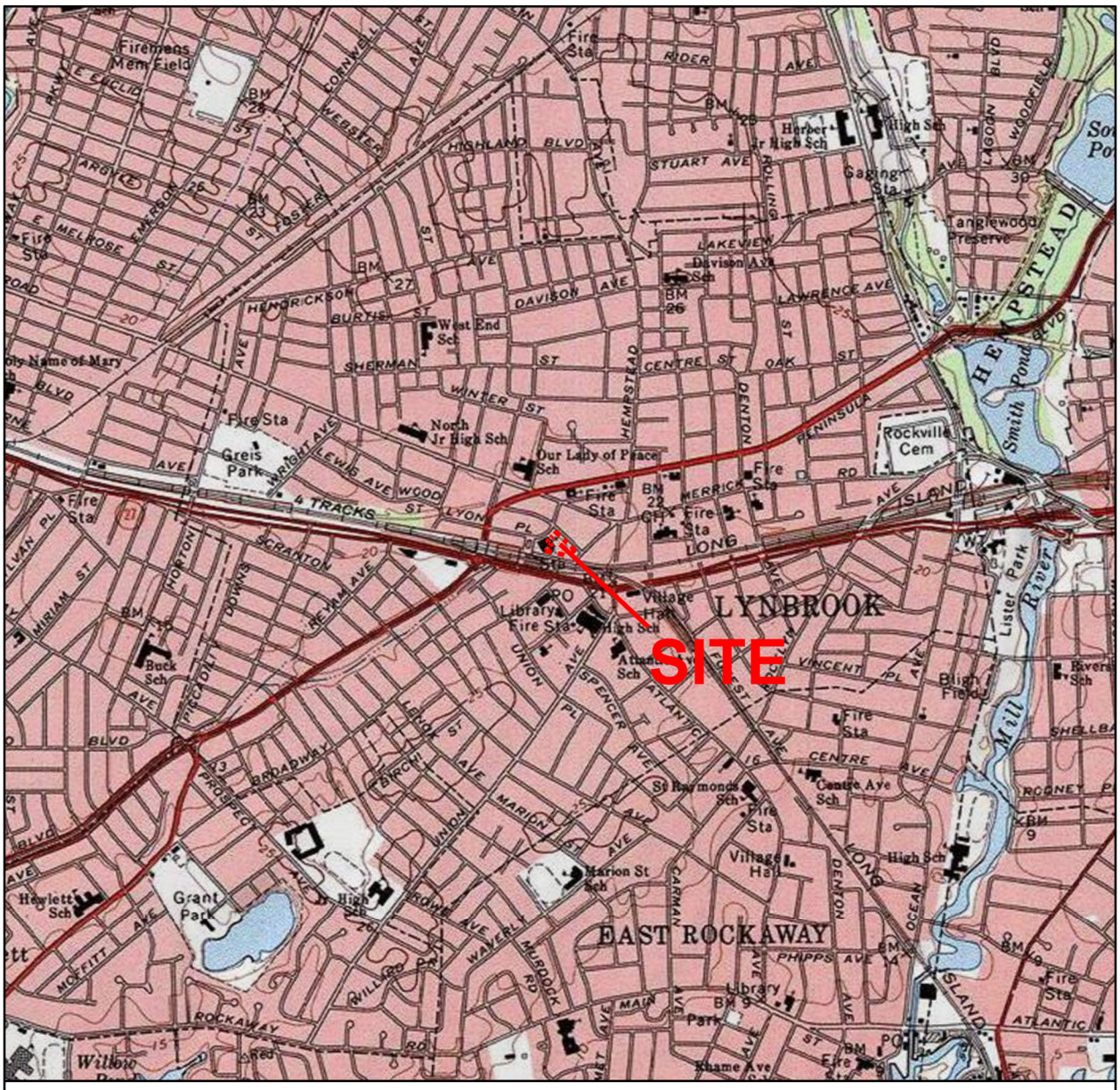
5 CONCLUSIONS AND RECOMMENDATIONS

One 2,000-gallon heating oil UST was removed at 96 Station Plaza, Lynbrook, New York in May 2022. Following the tank removal, two endpoint soil samples were collected below the tank invert (8.5-9.0 ft) and all results were below applicable standards/screening levels. A groundwater investigation was not required.

An inspector from the NCDH observed the open excavation, endpoint soil sampling, and the UST shell.

Based on these results, we recommend that the case associated with the removal of this UST be closed.

FIGURES



1 0.5 0 1
Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000
Feet

1 0 1 2
Kilometers

N

NOTES:
1. Source: U.S.G.S 7.5 Minute Series Greenwood Lake Quadrangle, NJ
2. Service Layer Credits: USA_Topo_Maps: Copyright:© 2013 National Geographic Society, i-cubed

Scale = 1:24,000

SITE LOCATION MAP

SITE LOCATION MAP47 BROADWAY, 17 & 21 LANGDON, AND 90 & 96 STATION PLAZA
LYNBROOK, NEW YORK

PREPARED FOR:
GRADE AND FIELDS DEVELOPMENT

Date: 2/2/2021	JMS #2020.005.001
JM SORGE, INC.	Figure 1



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Property Boundary
- UST Location

NOTES:
1. This map was developed using New York State Discovery GIS NY Digital Data.

2. Property Boundaries are approximate. The borders are based on 2003 Nassau County Department of Assessment Land & Tax Map.

N

0 7.5 15 30
Feet

SITE MAP

96 STATION PLAZA
BLOCK 519, LOT 14
LYNBROOK, NY

PREPARED FOR:
GRADE AND FIELDS DEVELOPMENT

Date: 6/9/2022	JMS # 2020.005.003
JM SORGE, INC.	FIGURE 2



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Property Boundary
- UST Location
- Soil Sample Locations

NOTES:
1. This map was developed using New York State Discovery GIS NY Digital Data.

2. Property Boundaries are approximate. The borders are based on 2003 Nassau County Department of Assessment Land & Tax Map.

N

0 7.5 15 30

Feet

ENDPOINT SOIL ANALYTICAL RESULTS MAP

96 STATION PLAZA
BLOCK 519, LOT 14
LYNBROOK, NY

PREPARED FOR:
GRADE AND FIELDS DEVELOPMENT

Date: 6/9/2022	JMS # 2020.005.004
JM SORGE, INC.	FIGURE 3

TABLES

Table 1

96 Station Plaza, Lynbrook, New York

Soil Analytical Results Summary

Field Sample ID								UST-1-A	UST-1-B
Lab Sample ID	NYDEC 375-6 Soil Cleanup Obj UnRestricted Use	NYDEC 375-6 Soil Cleanup Obj Restricted Use Residential	NYDEC 375-6 Soil Cleanup Obj Restricted Use Restricted Resid	NYDEC 375-6 Soil Cleanup Obj Restricted Use Commercial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Industrial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of EC	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of GW	460-258917-1	460-258917-2
Sampling Date								5/25/2022	5/25/2022
Sample Depth (ft)								8.5 - 9.0 ft	8.5 - 9.0 ft
Matrix								Soil	Soil
Units								mg/kg	mg/kg
								Result	Result
VOCs									
1,1,1-Trichloroethane	0.68	100	100	500	1000	NS	0.68	ND	ND
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,1-Dichloroethane	0.27	19	26	240	480	NS	0.27	ND	ND
1,1-Dichloroethene	0.33	100	100	500	1000	NS	0.33	ND	ND
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,2-Dibromo-3-Chloropropane	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,2-Dichlorobenzene	1.1	100	100	500	1000	NS	1.1	ND	ND
1,2-Dichloroethane	NS	2.3	3.1	30	60	10	0.02	ND	ND
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,3-Dichlorobenzene	2.4	17	49	280	560	NS	2.4	ND	ND
1,4-Dichlorobenzene	1.8	9.8	13	130	250	20	1.8	ND	ND
2-Butanone (MEK)	0.12	100	100	500	1000	100	0.12	ND	ND
2-Hexanone	NS	NS	NS	NS	NS	NS	NS	ND	ND
4-Methyl-2-pentanone (MIBK)	NS	NS	NS	NS	NS	NS	NS	ND	ND
Acetone	0.05	100	100	500	1000	2.2	0.05	ND	ND
Benzene	0.06	2.9	4.8	44	89	70	0.06	ND	ND
Bromoform	NS	NS	NS	NS	NS	NS	NS	ND	ND
Bromomethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Carbon disulfide	NS	NS	NS	NS	NS	NS	NS	ND	ND
Carbon tetrachloride	0.76	1.4	2.4	22	44	NS	0.76	ND	ND
Chlorobenzene	1.1	100	100	500	1000	40	1.1	ND	ND
Chlorobromomethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Chlorodibromomethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Chloroethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Chloroform	0.37	10	49	350	700	12	0.37	ND	ND
Chloromethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
cis-1,2-Dichloroethene	0.25	59	100	500	1000	NS	0.25	ND	ND
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	ND	ND
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Dichlorobromomethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Ethylbenzene	1	30	41	390	780	NS	1	ND	ND
Ethylene Dibromide	NS	NS	NS	NS	NS	NS	NS	ND	ND
Isopropylbenzene	NS	NS	NS	NS	NS	NS	NS	ND	ND
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	ND	ND
Methyl tert-butyl ether	0.93	62	100	500	1000	NS	0.93	ND	ND
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Methylene Chloride	0.05	51	100	500	1000	12	0.05	ND	ND
Styrene	NS	NS	NS	NS	NS	NS	NS	ND	ND
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3	ND	ND
Toluene	0.7	100	100	500	1000	36	0.7	ND	ND
trans-1,2-Dichloroethene	0.19	100	100	500	1000	NS	0.19	ND	ND
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	ND	ND
Trichloroethene	0.47	10	21	200	400	2	0.47	ND	ND
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Vinyl chloride	0.02	0.21	0.9	13	27	NS	0.02	ND	ND
Xylenes, Total	0.26	100	100	500	1000	0.26	1.6	ND	ND
Total Conc	NS	NS	NS	NS	NS	NS	NS	0.0	0.0
Total Estimated Conc. (TICs)	NS	NS	NS	NS	NS	NS	NS	0.0	0.0
SVOCs									
1,1'-Biphenyl	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND	ND
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.1	ND	ND
2,2'-oxybis[1-chloropropane]	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	ND	ND
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	ND	ND
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS	ND	ND
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS	ND	ND
2-Methylphenol	0.33	100	100	500	1000	NS	0.33	ND	ND
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	ND	ND
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS	ND	ND
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	ND	ND
4,6-Dinitro-2-methylphenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	ND	ND
4-Chloro-3-methylphenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS	ND	ND
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	ND	ND
4-Methylphenol	0.33	34	100	500	1000	NS	0.33	ND	ND
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	ND	ND
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	ND	ND
Acenaphthene	20	100	100	500	1000	20	98	ND	ND
Acenaphthylene	100	100	100	500	1000	NS	107	ND	ND
Acetophenone	NS	NS	NS	NS	NS	NS	NS	ND	ND
Anthracene	100	100	100	500	1000	NS	1000	ND	0.016 J
Atrazine	NS	NS	NS	NS	NS	NS	NS	ND	ND
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS	ND	ND
Benzo[a]anthracene	1	1	1	5.6	11	NS	1	0.017 J	0.055
Benzo[a]pyrene	1	1	1	1	1.1	2.6	22	0.011 J	0.053
Benzo[b]fluoranthene	1	1	1	5.6	11	NS	1.7	0.014 J	0.061
Benzo[g,h,i]perylene	100	100	100	500	1000	NS	1000	ND	0.036 J
Benzo[k]fluoranthene	0.8	1	3.9	56	110	NS	1.7	0.011 J	0.035 J
Bis(2-chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Bis(2-chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS	ND	ND
Bis(2-ethylhexyl) phthalate	NS	NS	NS	NS	NS	NS	NS	ND	ND
Butyl benzyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND	ND
Caprolactam	NS	NS	NS	NS	NS	NS	NS	ND	ND
Carbazole	NS	NS	NS	NS	NS	NS	NS	ND	ND
Chrysene	1	1	3.9	56	110	NS	1	0.013 J	0.062 J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	NS	1000	ND	ND
Dibenzofuran	7	14	59	350	1000	NS	210	ND	ND
Diethyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND	ND
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND	ND
Di-n-butyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND	ND
Di-n-octyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND	ND
Fluoranthene	100	100	100	500	1000	NS	1000	ND	0.1 J
Fluorene	30	100	100	500	1000	30	386	ND	ND
Hexachlorobenzene	0.33	0.33	1.2	6	12	NS	3.2	ND	ND
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS	ND	ND
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS	ND	ND
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS	ND	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	NS	8.2	ND	0.04
Isophorone	NS	NS	NS	NS	NS	NS	NS	ND	ND
Naphthalene	12	100	100	500	1000	NS	12	ND	ND
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS	ND	ND
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS	ND	ND
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	NS	ND	ND
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.8	ND	ND
Phenanthrene	100	100	100	500	1000	NS	1000	ND	0.069 J
Phenol	0.33	100	100	500	1000	30	0.33	ND	ND
Pyrene	100	100	100	500	1000	NS	1000	0.022 J	0.11 J
Total Conc	NS	NS	NS	NS	NS	NS	NS	0.088	0.637
Total Estimated Conc. (TICs)	NS	NS	NS	NS	NS	NS	NS	0.56 J	0.55 J

Notes:
ND: Not Detected
NS: No Standard
J: Estimated Value

APPENDIX A

NCDH Site Assessment Plan and NYSDEC/Lynbrook Notifications

BRUCE A. BLAKEMAN
COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

May 19, 2022

Ralph Pantony, Project Manager
Action Remediation, Inc.
3010 Burns Ave.
Wantagh, NY 11793

Re: NCPHO Article XV: Nassau County Petroleum Bulk Storage Regulations – Tank Removal(s)
(1) 2,500-gallon Underground Fuel Oil #2 Tank (#0001)

Property @
96 Station Plaza
Lynbrook, NY 11563
NCDOH Facility ID #61471

Dear Mr. Pantony:

The Department has reviewed and herein approves your proposal dated May 17, 2022 in association with the removal of the (1) underground petroleum bulk storage tank(s) referenced above and collection of endpoint samples at the locations indicated herein for the required site assessment in accordance with Sections 15-3.5 of Article XV, at the time of tank closure. Collecting endpoint samples for the site assessment is subject to the following conditions:

1. The tank(s) must be removed in accordance with Section 15-3.5 of the Nassau County Petroleum Bulk Storage Regulations.

2. The Department must be notified five (5) days in advance of all work. Please call this office at (516) 227-9691 to schedule the tank closure. A confirmation number will be issued for the scheduled work date. No such work can commence without a confirmation number.

3. The attached Tank Abandonment/Removal Notification Form must be completed and submitted to the Department at least seven (7) days prior to the permanent closure.

4. All work must be completed as proposed in your Work Plan dated May 17, 2022. This includes a minimum of (2) soil samples from the bottom of the tank excavation grave. Additional soil sampling or remediation may be required by NYS Department of Environmental Conservation (NYSDEC) for any spills identified during the tank closure process.

5. An inspector from this Department must be present to visually inspect the removal of the tank(s) and to observe all soil sampling. All samples must be sent for laboratory testing by a NYSDOH

ELAP-approved laboratory for analysis using **EPA Test Methods 8260 (VOCs)** and **8270 (Semi-VOCs)** (NYSDEC CP-51).

6. After the tank(s) is/are approved by the Department for final closure and backfilling:

   - Liquid, residue and all sludge must be removed from the tank(s) and all connecting lines.
   - All piping associated with the tank(s) must be disconnected and removed (if necessary), or securely capped or plugged.
   - All ancillary equipment associated with the tank(s) must be removed. (i.e. pumps, fill boxes, monitoring and high-level alarm systems, gauges, etc.)

7. If soil or groundwater is observed to be contaminated, or if oil spills or leaks occur during the tank closure process, both this Department and the NYSDEC must be notified within two (2) hours and further action may be required.

Please be aware that engineering plans must be submitted to the Department for review and approval of any new tank(s) to be installed at the above-referenced facility. Such installations must comply with the Nassau County Petroleum Bulk Storage Regulations.

If you have any questions regarding this matter, please call this office at (516) 227-9691.

Very truly yours,

Michael J. Marrano, MEng, MS, RS
Supervisor – Petroleum Bulk Storage Program
Office of Toxic & Hazardous Materials Regulation

cc: Inc. (V) Lynbrook Building Department
Attn: Brian Stanton

ecc: NYSDEC
Attn: Hugh Cirrito, PE, Regional Spill Engineer
Attn: Brian Donovan
Attn: Kristy Salafrio, PG

Nassau County Department of Health
Office of Toxic & Hazardous Materials Regulation
Attn: Bradley Griminger, Sanitarian I – Area Inspector

New York State Department of Environmental Conservation

Division of Environmental Remediation, Spill Prevention and Response, Region 1
SUNY @ Stony Brook, 50 Circle Rd., Stony Brook, NY 11790
P: (631) 444-0320 | F: (631) 444-0328 | Email: R1SPILLS@dec.ny.gov | 24 Hour Hotline: (800) 457-7362

Notification for Petroleum Bulk Storage UST Removals and Abandonments

New York State's Petroleum Bulk Storage (PBS) program has been delegated to Nassau County Health Department and Suffolk County Department of Health Services in Nassau and Suffolk Counties, respectively. You must notify the relevant County Agency of all tank removals/abandonments within their jurisdiction. Additionally, you must notify DEC Region 1 Spills Unit of PBS regulated underground storage tank (UST) removals by mailing, faxing or emailing this form to DEC at least 5 days in advance of the proposed date of the work. **Unless otherwise instructed, an inspection by a DEC representative will be required prior to backfilling**.

County PBS Registration No. 61471 (State facilities and Public Authorities must submit a DEC Pre-Work Notification Form)

Facility Name: 96 Station Plaza Facility	Contractor Name: Action Remediation, Inc.
Facility Address: 96 Station Plaza	Contractor Address: 3010 Burns Avenue
Facility Address (cont): Lynbrook, NY 11563	Contractor Address (cont): Wantagh, NY 11793
Facility Owner: 43-47 Broadway Realty LLC	Contractor Representative: Ralph Pantony
Office Number: (516) 741-7400 Cell Number: Fax Number:	Office Number: (516) 781-3000 Cell Number: (516) 236-1144 Fax Number: (516) 781-3085
Email Address: rrosenberg@breslinrealty.com	Email Address: RPantony3@actionhazmat.com

Tank Number	Type of Action (Remove / Abandon)	Proposed Date (mm/dd/yy)	Tank Type (SWS, DWS, SWF, DWF, Stip3, etc.)	Product Stored	Tank Capacity	Spill Number (if applicable)	Reason for Action
001	Remove	05/25/22	sws	#2fuel (previously abandoned)	2,500 gallons		Owner Request

If at any time contaminated soil is identified, it must be reported to DEC's Spill Hotline at (800) 457-7362 within 2 hours. In accordance with 40 CFR Part 280.72 and 6 NYCRR Part 613-2.6(c), before a regulated UST is permanently closed, the facility must measure for the presence of a release where contamination is most likely to be present at the UST system location. Chapter 5.5, of DER-10, titled "Underground Storage Tank Closure" provides guidance for the proper closure of regulated UST's. DEC recommends that excavation sidewall and bottom samples be analyzed for petroleum related VOC's and/or SVOC's referenced in CP-51 utilizing EPA Method 8260 for gasoline tanks, EPA Method 8270 for diesel and fuel oil tanks and EPA Methods 8270 and RCRA 8 Metals for waste oil tanks.

BUILDING DEPARTMENT

INC. VILLAGE OF LYNBROOK

APPLICATION FOR FUEL OIL TANK REMOVAL/ABANDONMENT

The undersigned does hereby apply for the issuance of a permit for the removal of a fuel oil tank and agrees to comply with all provisions of Chapter 166-8, 9, 10 of the Code of the Village of Lynbrook and with all rules and regulations made thereunder, whether herein described or not.

FEE $50.00 DATE 5/19/22

Permit # _____ Section 37 Block 519 Plot 14

Premises on which tank is to be removed 96 station Plaza

Name & Address of owner of premisses 43-47 Broadway Realty LLC

500 Old Country Road, Suite 200, Garden City, NY 11530

Kind of Building [ ] Residential [x] Commercial

Location of Tank 45 Feet from building

Feet from street line 10 Capacity of Tank 2500 gallons

Date tank will be hoisted and ready for inspection 5/25/2022

Contractor's Name Action Remediation, Inc.

Address 3010 Burns Avenue, Wantagh NY 11793

Telephone Number (516) 781-3000

NOTE: A. If tank is used for a dispenser or emergency generator, please also contact the Nassau County Fire Marshall @ (516) 572-1000

B. IF RESIDENTIAL OIL TANKS OF 275 GALLONS OR MORE PLEASE ALSO CONTACT THE NASSAU COUNTY HEALTH DEPARTMENT @ (516) 227-9691

IF YOU NEED ADDITIONAL ASSISTANCE, YOU MAY CONTACT THE FOLLOWING AGENCIES.

Dept. of Environmental Conservation - - 1-800-242-4351
Nassau County Fire Marshall Spill Hotline - - 800-457-7362

APPENDIX B

UST Photographs

JM Sorge
environmental consultants

UST Removal Photolog
96 Station Plaza
Lynbrook, New York

	Date Taken: 5/25/2022 Photographed by: Anthony DiSanto
Direction Facing: Northeast	
Description: View of a side of the underground storage tank (UST).	

	Date Taken: 5/25/2022 Photographed by: Anthony DiSanto
Direction Facing: South	
Description: View of a side of the UST.	

JM Sorge
environmental consultants

UST Removal Photolog
96 Station Plaza
Lynbrook, New York

	Date Taken: 5/25/2022 Photographed by: Anthony DiSanto
Direction Facing: Southwest **Description:** View of a side of the UST during cleaning.	

	Date Taken: 5/25/2022 Photographed by: Anthony DiSanto
Direction Facing: N/A **Description:** View inside the UST during cleaning.	

JM Sorge
environmental consultants

UST Removal Photolog
96 Station Plaza
Lynbrook, New York

	Date Taken: 5/25/2022 Photographed by: Anthony DiSanto
Direction Facing: Northeast **Description:** Soil contents being removed from the UST.	

	Date Taken: 5/25/2022 Photographed by: Anthony DiSanto
Direction Facing: Southwest **Description:** Staged soil contents from inside the UST in a lined roll-off. The soil was covered with plastic after the photograph was taken, pending disposal.	

JM Sorge
environmental consultants

UST Removal Photolog
96 Station Plaza
Lynbrook, New York

	Date Taken: 5/25/2022 Photographed by: Anthony DiSanto
Direction Facing: South	
Description: UST shell after being rendered unusable, being loaded onto a truck for off-site disposal.	

APPENDIX C

Disposal Documentation

Action Remediation, Inc.

3010 Burns Avenue, Wantagh, NY 11793 tel: (516) 781-3000 fax (516) 781-3085
www.actionhazmat.com

BILL OF LADING

Date: 5/26/2022

Project: **96 Station Plaza**
Lynbrook, NY 11563

(1) 2,500 Gallon Steel Tank, Piping, Tank Parts and appurtenances

The materials as referenced above were disposed of at the following approved disposal facility.

LONI-JO METAL CORP.
70 KINKEL STREET
WESTBURY, NY

Authorization _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYSCESQG	1	5167813000	2022-6906-REM

GENERATOR

5. Generator's Name and Mailing Address
COMMERCIAL PROPERTY
90 STATION PLAZA
LYNBROOK NY 11563
Generator's Phone: 516 901-6868

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Action Trucking Inc. 516-781-3000

U.S. EPA ID Number
NYD064748304

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Action Trucking
3010 Burns Ave
Wantagh NY 11793
Facility's Phone: 516 781-3000

U.S. EPA ID Number
NYD064748304

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	~~NA1993, Combustible liquid, n.o.s. (#2 Fuel Oil), PGIII~~ TS	—	TT	—	G	
2.	Non-RCRA, non-DOT Regulated Liquids (Oily Water)	XX1	TT	475	G	
3.						
4.						

13. Special Handling Instructions and Additional Information 1) ERG#128 2) Profile #22059705ACT-CLE (BRESLIN REALTY)

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Anthony DiSanto — Signature — Month 5 Day 25 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TIM SHERIDAN — Signature — Month 5 Day 25 Year 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Fred Miranda — Signature — Month 05 Day 25 Year 22

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYSCESQG	1	5167813000	2022-6939-REM

GENERATOR

5. Generator's Name and Mailing Address
COMMERCIAL PROPERTY
98 STATION PLAZA
LYNBROOK NY 11563
Generator's Phone: 516 901-6666

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Action Trucking Inc. 516-791-3000

U.S. EPA ID Number
NYD064748304

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Action Trucking.
3010 Burns Ave
Wantagh NY 11793
Facility's Phone: 516 781-3000

U.S. EPA ID Number
NYD064748304

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT REGULATED MATERIAL (Petroleum Impacted Sand)	001	CM	8	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information 1) PROFILE #22059711ACT-CAR (BRESLIN REALTY)

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name | Signature | Month 6 | Day 1 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 6 | Day 1 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Fabio Miranda | Signature | Month 6 | Day 1 | Year 22

Printed in USA by GC Labels 1-800-997-6966

DESIGNATED FACILITY TO GENERATOR

Reorder Part# MANIFEST-C6NHW 913-897-6966

APPENDIX D

Laboratory Analytical Report

ANALYTICAL REPORT

Job Number: 460-258917-1

Job Description: 47 Broadway

For:
J.M. Sorge, Inc.
57 Fourth Street
Somerville, NJ 08876

Attention: Jonathan Wood



Approved for release.
Elizabeth J Flannery
Project Manager I
6/7/2022 11:34 AM

Elizabeth J Flannery, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
Elizabeth.Flannery@et.eurofinsus.com
06/07/2022

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

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

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CASE NARRATIVE

Client: J.M. Sorge, Inc.

Project: 47 Broadway

Report Number: 460-258917-1

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 5/26/2022 7:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.5º C.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples UST-1-A (460-258917-1) and UST-1-B (460-258917-2) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 05/26/2022 and analyzed on 05/31/2022.

The continuing calibration verification (CCV) associated with batch 460-847356 recovered above the upper control limit for 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-847356 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon disulfide, Carbon tetrachloride and trans-1,2-Dichloroethene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

1,1,1-Trichloroethane, Carbon disulfide, Carbon tetrachloride and trans-1,2-Dichloroethene failed the recovery criteria high for LCS 460-847356/4. Carbon disulfide and Carbon tetrachloride failed the recovery criteria high for LCSD 460-847356/5. 1,2,3-Trichlorobenzene and 2-Butanone (MEK) failed the recovery criteria high for LCSD 460-847741/4. Refer to the QC report for details.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples UST-1-A (460-258917-1) and UST-1-B (460-258917-2) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 05/27/2022 and analyzed on 05/28/2022.

The continuing calibration verification (CCV) analyzed in batch 460-847119 was outside the method criteria for the following analyte(s): 2-Nitroaniline, Indeno[1,2,3-cd]pyrene, N-Nitrosodimethylamine, 4-Nitrophenol, 2,2'-oxybis[1-chloropropane], Pentachlorophenol, 1,4-Dioxane and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples UST-1-A (460-258917-1) and UST-1-B (460-258917-2) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 05/27/2022.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: J.M. Sorge, Inc.
Project/Site: 47 Broadway

Job ID: 460-258917-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-258917-1	UST-1-A	Solid	05/25/22 11:45	05/26/22 19:30
460-258917-2	UST-1-B	Solid	05/25/22 11:55	05/26/22 19:30

Detection Summary

Client: J.M. Sorge, Inc.
Project/Site: 47 Broadway

Job ID: 460-258917-1

Client Sample ID: UST-1-A — Lab Sample ID: 460-258917-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.017	J	0.043	0.015	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.011	J	0.043	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.014	J	0.043	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.011	J	0.043	0.0084	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.013	J	0.43	0.0073	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.022	J	0.43	0.011	mg/Kg	1	☼	8270E	Total/NA

Client Sample ID: UST-1-B — Lab Sample ID: 460-258917-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.016	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.055		0.038	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.053		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.061		0.038	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.036	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.035	J	0.038	0.0075	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.062	J	0.38	0.0064	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.10	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.040		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.069	J	0.38	0.0067	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.11	J	0.38	0.0095	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: J.M. Sorge, Inc.
Project/Site: 47 Broadway

Job ID: 460-258917-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Client Sample ID: UST-1-A

Date Collected: 05/25/22 11:45
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-1

Matrix: Solid
Percent Solids: 77.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.60	U	1.4	0.60	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Bromomethane	1.4	U	2.7	1.4	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Vinyl chloride	0.75	U	1.4	0.75	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Chloroethane	0.72	U	1.4	0.72	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Methylene Chloride	1.6	U	2.7	1.6	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Acetone	7.8	U	8.2	7.8	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Carbon disulfide	0.36	U *+	1.4	0.36	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Trichlorofluoromethane	0.56	U	1.4	0.56	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,1-Dichloroethene	0.31	U	1.4	0.31	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,1-Dichloroethane	0.28	U	1.4	0.28	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
trans-1,2-Dichloroethene	0.34	U *+	1.4	0.34	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
cis-1,2-Dichloroethene	0.49	U	1.4	0.49	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Chloroform	1.3	U	1.4	1.3	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,2-Dichloroethane	0.41	U	1.4	0.41	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
2-Butanone (MEK)	0.50	U	6.9	0.50	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,1,1-Trichloroethane	0.32	U *+	1.4	0.32	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Carbon tetrachloride	0.53	U *+	1.4	0.53	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Dichlorobromomethane	0.35	U	1.4	0.35	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,2-Dichloropropane	0.58	U	1.4	0.58	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
cis-1,3-Dichloropropene	0.37	U	1.4	0.37	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Trichloroethene	0.44	U	1.4	0.44	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Chlorodibromomethane	0.27	U	1.4	0.27	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,1,2-Trichloroethane	0.24	U	1.4	0.24	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Benzene	0.35	U	1.4	0.35	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
trans-1,3-Dichloropropene	0.36	U	1.4	0.36	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Bromoform	0.58	U	1.4	0.58	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
4-Methyl-2-pentanone (MIBK)	2.1	U	6.9	2.1	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
2-Hexanone	2.3	U	6.9	2.3	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Tetrachloroethene	0.42	U	1.4	0.42	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,1,2,2-Tetrachloroethane	0.29	U	1.4	0.29	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Toluene	0.32	U	1.4	0.32	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Chlorobenzene	0.24	U	1.4	0.24	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Ethylbenzene	0.27	U	1.4	0.27	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Styrene	0.38	U	1.4	0.38	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
m-Xylene & p-Xylene	0.24	U	1.4	0.24	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
o-Xylene	0.27	U	1.4	0.27	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.4	0.41	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Methyl tert-butyl ether	0.70	U	1.4	0.70	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Cyclohexane	0.30	U	1.4	0.30	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Ethylene Dibromide	0.25	U	1.4	0.25	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,3-Dichlorobenzene	0.50	U	1.4	0.50	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,4-Dichlorobenzene	0.31	U	1.4	0.31	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,2-Dichlorobenzene	0.49	U	1.4	0.49	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Dichlorodifluoromethane	0.46	U	1.4	0.46	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,2,4-Trichlorobenzene	0.49	U	1.4	0.49	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,2,3-Trichlorobenzene	0.25	U	1.4	0.25	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
1,2-Dibromo-3-Chloropropane	0.63	U	1.4	0.63	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Chlorobromomethane	0.39	U	1.4	0.39	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Isopropylbenzene	0.39	U	1.4	0.39	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1

Client Sample ID: UST-1-A

Date Collected: 05/25/22 11:45
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-1

Matrix: Solid
Percent Solids: 77.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	5.9	U	6.9	5.9	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1
Methylcyclohexane	0.68	U	1.4	0.68	ug/Kg	☼	05/26/22 23:55	05/31/22 13:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/26/22 23:55*	*05/31/22 13:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 145*	*05/26/22 23:55*	*05/31/22 13:42*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*	*05/26/22 23:55*	*05/31/22 13:42*	*1*
4-Bromofluorobenzene	*100*		*75 - 139*	*05/26/22 23:55*	*05/31/22 13:42*	*1*
Dibromofluoromethane (Surr)	*115*		*73 - 139*	*05/26/22 23:55*	*05/31/22 13:42*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.015	U	0.43	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
1,2,4,5-Tetrachlorobenzene	0.013	U	0.43	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
1,4-Dioxane	0.038	U	0.043	0.038	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,2'-oxybis[1-chloropropane]	0.0078	U	0.43	0.0078	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,3,4,6-Tetrachlorophenol	0.029	U	0.43	0.029	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,4,5-Trichlorophenol	0.044	U	0.43	0.044	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,4,6-Trichlorophenol	0.055	U	0.17	0.055	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,4-Dichlorophenol	0.028	U	0.17	0.028	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,4-Dimethylphenol	0.051	U	0.43	0.051	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,4-Dinitrophenol	0.21	U	0.35	0.21	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,4-Dinitrotoluene	0.046	U	0.087	0.046	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2,6-Dinitrotoluene	0.031	U	0.087	0.031	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2-Chloronaphthalene	0.020	U	0.43	0.020	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2-Chlorophenol	0.015	U	0.43	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2-Methylnaphthalene	0.012	U	0.43	0.012	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2-Methylphenol	0.016	U	0.43	0.016	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2-Nitroaniline	0.033	U	0.43	0.033	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
2-Nitrophenol	0.043	U	0.43	0.043	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
3,3'-Dichlorobenzidine	0.065	U	0.17	0.065	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
3-Nitroaniline	0.10	U	0.43	0.10	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4,6-Dinitro-2-methylphenol	0.18	U	0.35	0.18	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4-Bromophenyl phenyl ether	0.017	U	0.43	0.017	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4-Chloro-3-methylphenol	0.024	U	0.43	0.024	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4-Chloroaniline	0.076	U	0.43	0.076	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4-Chlorophenyl phenyl ether	0.015	U	0.43	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4-Methylphenol	0.027	U	0.43	0.027	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4-Nitroaniline	0.049	U	0.43	0.049	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
4-Nitrophenol	0.070	U	0.87	0.070	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Acenaphthene	0.012	U	0.43	0.012	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Acenaphthylene	0.012	U	0.43	0.012	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Acetophenone	0.021	U	0.43	0.021	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Anthracene	0.013	U	0.43	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Atrazine	0.025	U	0.17	0.025	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Benzaldehyde	0.071	U	0.43	0.071	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Benzo[a]anthracene	**0.017**	**J**	0.043	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Benzo[a]pyrene	**0.011**	**J**	0.043	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1

Client Sample ID: UST-1-A

Date Collected: 05/25/22 11:45
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-1

Matrix: Solid
Percent Solids: 77.0

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.014**	**J**	0.043	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Benzo[g,h,i]perylene	0.013	U	0.43	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Benzo[k]fluoranthene	**0.011**	**J**	0.043	0.0084	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Bis(2-chloroethoxy)methane	0.033	U	0.43	0.033	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Bis(2-chloroethyl)ether	0.015	U	0.043	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Bis(2-ethylhexyl) phthalate	0.023	U	0.43	0.023	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Butyl benzyl phthalate	0.020	U	0.43	0.020	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Caprolactam	0.067	U	0.43	0.067	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Carbazole	0.016	U	0.43	0.016	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Chrysene	**0.013**	**J**	0.43	0.0073	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Dibenz(a,h)anthracene	0.019	U	0.043	0.019	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Dibenzofuran	0.014	U	0.43	0.014	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Diethyl phthalate	0.014	U	0.43	0.014	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Dimethyl phthalate	0.098	U	0.43	0.098	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Di-n-butyl phthalate	0.016	U	0.43	0.016	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Di-n-octyl phthalate	0.023	U	0.43	0.023	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Fluoranthene	0.015	U	0.43	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Fluorene	0.013	U	0.43	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Hexachlorobenzene	0.020	U	0.043	0.020	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Hexachlorobutadiene	0.0091	U	0.087	0.0091	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Hexachlorocyclopentadiene	0.038	U	0.43	0.038	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Hexachloroethane	0.015	U	0.043	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Indeno[1,2,3-cd]pyrene	0.017	U	0.043	0.017	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Isophorone	0.12	U	0.17	0.12	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Naphthalene	0.0074	U	0.43	0.0074	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Nitrobenzene	0.024	U	0.043	0.024	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
N-Nitrosodi-n-propylamine	0.031	U	0.043	0.031	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
N-Nitrosodiphenylamine	0.035	U	0.43	0.035	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Pentachlorophenol	0.088	U	0.35	0.088	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Phenanthrene	0.0075	U	0.43	0.0075	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Phenol	0.016	U	0.43	0.016	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1
Pyrene	**0.022**	**J**	0.43	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.56*	*A J*	*mg/Kg*	☼	*2.75*		*05/27/22 11:26*	*05/28/22 01:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*	*05/27/22 11:26*	*05/28/22 01:03*	*1*
2-Fluorobiphenyl	*82*		*22 - 122*	*05/27/22 11:26*	*05/28/22 01:03*	*1*
2-Fluorophenol (Surr)	*68*		*18 - 123*	*05/27/22 11:26*	*05/28/22 01:03*	*1*
Nitrobenzene-d5 (Surr)	*65*		*16 - 125*	*05/27/22 11:26*	*05/28/22 01:03*	*1*
Phenol-d5 (Surr)	*70*		*23 - 120*	*05/27/22 11:26*	*05/28/22 01:03*	*1*
Terphenyl-d14 (Surr)	*99*		*25 - 126*	*05/27/22 11:26*	*05/28/22 01:03*	*1*

Client Sample ID: UST-1-B

Date Collected: 05/25/22 11:55
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-2

Matrix: Solid
Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.55	U	1.3	0.55	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Bromomethane	1.3	U	2.5	1.3	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Vinyl chloride	0.68	U	1.3	0.68	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Chloroethane	0.65	U	1.3	0.65	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Methylene Chloride	1.4	U	2.5	1.4	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Acetone	7.2	U	7.5	7.2	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Carbon disulfide	0.33	U *+	1.3	0.33	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Trichlorofluoromethane	0.51	U	1.3	0.51	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,1-Dichloroethene	0.28	U	1.3	0.28	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,1-Dichloroethane	0.26	U	1.3	0.26	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
trans-1,2-Dichloroethene	0.31	U *+	1.3	0.31	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
cis-1,2-Dichloroethene	0.45	U	1.3	0.45	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Chloroform	1.2	U	1.3	1.2	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,2-Dichloroethane	0.37	U	1.3	0.37	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
2-Butanone (MEK)	0.46	U	6.3	0.46	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,1,1-Trichloroethane	0.29	U *+	1.3	0.29	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Carbon tetrachloride	0.49	U *+	1.3	0.49	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Dichlorobromomethane	0.32	U	1.3	0.32	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,2-Dichloropropane	0.53	U	1.3	0.53	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
cis-1,3-Dichloropropene	0.34	U	1.3	0.34	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Trichloroethene	0.40	U	1.3	0.40	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Chlorodibromomethane	0.24	U	1.3	0.24	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,1,2-Trichloroethane	0.22	U	1.3	0.22	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Benzene	0.32	U	1.3	0.32	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
trans-1,3-Dichloropropene	0.33	U	1.3	0.33	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Bromoform	0.53	U	1.3	0.53	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
4-Methyl-2-pentanone (MIBK)	1.9	U	6.3	1.9	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
2-Hexanone	2.1	U	6.3	2.1	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Tetrachloroethene	0.38	U	1.3	0.38	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,1,2,2-Tetrachloroethane	0.27	U	1.3	0.27	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Toluene	0.29	U	1.3	0.29	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Chlorobenzene	0.22	U	1.3	0.22	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Ethylbenzene	0.25	U	1.3	0.25	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Styrene	0.35	U	1.3	0.35	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
m-Xylene & p-Xylene	0.22	U	1.3	0.22	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
o-Xylene	0.24	U	1.3	0.24	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	U	1.3	0.38	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Methyl tert-butyl ether	0.64	U	1.3	0.64	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Cyclohexane	0.28	U	1.3	0.28	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Ethylene Dibromide	0.23	U	1.3	0.23	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,3-Dichlorobenzene	0.46	U	1.3	0.46	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,4-Dichlorobenzene	0.28	U	1.3	0.28	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,2-Dichlorobenzene	0.45	U	1.3	0.45	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Dichlorodifluoromethane	0.42	U	1.3	0.42	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,2,4-Trichlorobenzene	0.45	U	1.3	0.45	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,2,3-Trichlorobenzene	0.23	U	1.3	0.23	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
1,2-Dibromo-3-Chloropropane	0.58	U	1.3	0.58	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Chlorobromomethane	0.35	U	1.3	0.35	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Isopropylbenzene	0.36	U	1.3	0.36	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1

Client Sample ID: UST-1-B

Date Collected: 05/25/22 11:55
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-2

Matrix: Solid
Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	5.4	U	6.3	5.4	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1
Methylcyclohexane	0.63	U	1.3	0.63	ug/Kg	☼	05/26/22 23:57	05/31/22 13:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/26/22 23:57*	*05/31/22 13:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 145*	*05/26/22 23:57*	*05/31/22 13:19*	*1*
Toluene-d8 (Surr)	*83*		*80 - 120*	*05/26/22 23:57*	*05/31/22 13:19*	*1*
4-Bromofluorobenzene	*86*		*75 - 139*	*05/26/22 23:57*	*05/31/22 13:19*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 139*	*05/26/22 23:57*	*05/31/22 13:19*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.013	U	0.38	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.38	0.012	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
1,4-Dioxane	0.033	U	0.038	0.033	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,2'-oxybis[1-chloropropane]	0.0069	U	0.38	0.0069	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,3,4,6-Tetrachlorophenol	0.026	U	0.38	0.026	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,4,5-Trichlorophenol	0.039	U	0.38	0.039	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,4,6-Trichlorophenol	0.049	U	0.15	0.049	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,4-Dimethylphenol	0.045	U	0.38	0.045	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,4-Dinitrophenol	0.19	U	0.31	0.19	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,4-Dinitrotoluene	0.041	U	0.077	0.041	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2,6-Dinitrotoluene	0.028	U	0.077	0.028	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2-Chloronaphthalene	0.018	U	0.38	0.018	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2-Chlorophenol	0.014	U	0.38	0.014	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2-Methylnaphthalene	0.011	U	0.38	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2-Methylphenol	0.014	U	0.38	0.014	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2-Nitroaniline	0.029	U	0.38	0.029	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
2-Nitrophenol	0.038	U	0.38	0.038	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
3,3'-Dichlorobenzidine	0.058	U	0.15	0.058	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
3-Nitroaniline	0.090	U	0.38	0.090	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4,6-Dinitro-2-methylphenol	0.16	U	0.31	0.16	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4-Bromophenyl phenyl ether	0.015	U	0.38	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4-Chloro-3-methylphenol	0.021	U	0.38	0.021	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4-Chloroaniline	0.068	U	0.38	0.068	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4-Chlorophenyl phenyl ether	0.013	U	0.38	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4-Methylphenol	0.024	U	0.38	0.024	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4-Nitroaniline	0.044	U	0.38	0.044	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
4-Nitrophenol	0.062	U	0.77	0.062	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Acenaphthene	0.011	U	0.38	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Acenaphthylene	0.011	U	0.38	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Acetophenone	0.019	U	0.38	0.019	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Anthracene	**0.016**	**J**	0.38	0.012	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Benzaldehyde	0.063	U	0.38	0.063	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Benzo[a]anthracene	**0.055**		0.038	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Benzo[a]pyrene	**0.053**		0.038	0.010	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1

Client Sample ID: UST-1-B

Date Collected: 05/25/22 11:55
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-2

Matrix: Solid
Percent Solids: 86.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.061**		0.038	0.0099	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Benzo[g,h,i]perylene	**0.036**	**J**	0.38	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Benzo[k]fluoranthene	**0.035**	**J**	0.038	0.0075	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Bis(2-chloroethoxy)methane	0.030	U	0.38	0.030	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Bis(2-chloroethyl)ether	0.013	U	0.038	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.38	0.020	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Butyl benzyl phthalate	0.018	U	0.38	0.018	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Caprolactam	0.059	U	0.38	0.059	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Carbazole	0.015	U	0.38	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Chrysene	**0.062**	**J**	0.38	0.0064	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Dibenz(a,h)anthracene	0.017	U	0.038	0.017	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Dibenzofuran	0.013	U	0.38	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Diethyl phthalate	0.012	U	0.38	0.012	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Dimethyl phthalate	0.087	U	0.38	0.087	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Di-n-butyl phthalate	0.014	U	0.38	0.014	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Di-n-octyl phthalate	0.020	U	0.38	0.020	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Fluoranthene	**0.10**	**J**	0.38	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Fluorene	0.011	U	0.38	0.011	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Hexachlorobenzene	0.018	U	0.038	0.018	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Hexachlorobutadiene	0.0081	U	0.077	0.0081	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Hexachlorocyclopentadiene	0.033	U	0.38	0.033	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Hexachloroethane	0.013	U	0.038	0.013	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Indeno[1,2,3-cd]pyrene	**0.040**		0.038	0.015	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Naphthalene	0.0066	U	0.38	0.0066	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Nitrobenzene	0.021	U	0.038	0.021	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
N-Nitrosodi-n-propylamine	0.028	U	0.038	0.028	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
N-Nitrosodiphenylamine	0.031	U	0.38	0.031	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Pentachlorophenol	0.078	U	0.31	0.078	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Phenanthrene	**0.069**	**J**	0.38	0.0067	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Phenol	0.014	U	0.38	0.014	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1
Pyrene	**0.11**	**J**	0.38	0.0095	mg/Kg	☼	05/27/22 11:26	05/28/22 01:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.55*	*A J*	*mg/Kg*	☼	*2.75*		*05/27/22 11:26*	*05/28/22 01:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 123*	*05/27/22 11:26*	*05/28/22 01:27*	*1*
2-Fluorobiphenyl	*89*		*22 - 122*	*05/27/22 11:26*	*05/28/22 01:27*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*05/27/22 11:26*	*05/28/22 01:27*	*1*
Nitrobenzene-d5 (Surr)	*70*		*16 - 125*	*05/27/22 11:26*	*05/28/22 01:27*	*1*
Phenol-d5 (Surr)	*71*		*23 - 120*	*05/27/22 11:26*	*05/28/22 01:27*	*1*
Terphenyl-d14 (Surr)	*99*		*25 - 126*	*05/27/22 11:26*	*05/28/22 01:27*	*1*

Surrogate Summary

Client: J.M. Sorge, Inc.
Project/Site: 47 Broadway

Job ID: 460-258917-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(72-145)	(80-120)	(75-139)	(73-139)
460-258917-1	UST-1-A	105	91	100	115
460-258917-2	UST-1-B	95	83	86	101
LB3 460-846946/1-A	Method Blank	96	100	105	105
LCS 460-847356/4	Lab Control Sample	109	90	101	114
LCS 460-847741/3	Lab Control Sample	98	102	101	103
LCSD 460-847356/5	Lab Control Sample Dup	101	89	99	109
LCSD 460-847741/4	Lab Control Sample Dup	98	103	103	104
MB 460-847356/8	Method Blank	109	90	103	121
MB 460-847741/7	Method Blank	99	100	102	107

Surrogate Legend

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

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-123)	(22-122)	(18-123)	(16-125)	(23-120)	(25-126)
180-138294-B-45-A MS	Matrix Spike	94	76	64	64	64	93
180-138294-B-45-B MSD	Matrix Spike Duplicate	96	80	64	63	64	95
460-258917-1	UST-1-A	96	82	68	65	70	99
460-258917-2	UST-1-B	98	89	67	70	71	99
LCS 460-847011/2-A	Lab Control Sample	100	81	68	68	69	83
LCSD 460-847011/3-A	Lab Control Sample Dup	103	80	67	67	67	84
MB 460-847011/1-A	Method Blank	105	92	73	75	78	95

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

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

Lab Sample ID: LB3 460-846946/1-A
Matrix: Solid
Analysis Batch: 847741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846946

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.44	U	1.0	0.44	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Bromomethane	1.0	U	2.0	1.0	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Vinyl chloride	0.55	U	1.0	0.55	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Chloroethane	0.52	U	1.0	0.52	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Methylene Chloride	1.1	U	2.0	1.1	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Acetone	5.7	U	6.0	5.7	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Carbon disulfide	0.27	U	1.0	0.27	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Trichlorofluoromethane	0.41	U	1.0	0.41	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,1-Dichloroethane	0.21	U	1.0	0.21	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
trans-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
cis-1,2-Dichloroethene	0.36	U	1.0	0.36	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Chloroform	0.97	U	1.0	0.97	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,2-Dichloroethane	0.30	U	1.0	0.30	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
2-Butanone (MEK)	0.37	U	5.0	0.37	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,1,1-Trichloroethane	0.23	U	1.0	0.23	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Carbon tetrachloride	0.39	U	1.0	0.39	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Dichlorobromomethane	0.26	U	1.0	0.26	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,2-Dichloropropane	0.42	U	1.0	0.42	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
cis-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Trichloroethene	0.32	U	1.0	0.32	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Chlorodibromomethane	0.19	U	1.0	0.19	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,1,2-Trichloroethane	0.18	U	1.0	0.18	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Benzene	0.26	U	1.0	0.26	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Bromoform	0.43	U	1.0	0.43	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
2-Hexanone	1.7	U	5.0	1.7	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Toluene	0.23	U	1.0	0.23	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Chlorobenzene	0.18	U	1.0	0.18	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Ethylbenzene	0.20	U	1.0	0.20	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Styrene	0.28	U	1.0	0.28	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
m-Xylene & p-Xylene	0.17	U	1.0	0.17	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
o-Xylene	0.19	U	1.0	0.19	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Methyl tert-butyl ether	0.51	U	1.0	0.51	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Cyclohexane	0.22	U	1.0	0.22	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Ethylene Dibromide	0.18	U	1.0	0.18	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,3-Dichlorobenzene	0.37	U	1.0	0.37	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,4-Dichlorobenzene	0.23	U	1.0	0.23	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,2-Dichlorobenzene	0.36	U	1.0	0.36	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Dichlorodifluoromethane	0.34	U	1.0	0.34	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,2,4-Trichlorobenzene	0.36	U	1.0	0.36	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,2,3-Trichlorobenzene	0.18	U	1.0	0.18	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Chlorobromomethane	0.28	U	1.0	0.28	ug/Kg		05/26/22 23:51	06/02/22 09:44	1

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

Lab Sample ID: LB3 460-846946/1-A
Matrix: Solid
Analysis Batch: 847741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846946

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.29	U	1.0	0.29	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Methyl acetate	4.3	U	5.0	4.3	ug/Kg		05/26/22 23:51	06/02/22 09:44	1
Methylcyclohexane	0.50	U	1.0	0.50	ug/Kg		05/26/22 23:51	06/02/22 09:44	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*05/26/22 23:51*	*06/02/22 09:44*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 145*	*05/26/22 23:51*	*06/02/22 09:44*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*05/26/22 23:51*	*06/02/22 09:44*	*1*
4-Bromofluorobenzene	*105*		*75 - 139*	*05/26/22 23:51*	*06/02/22 09:44*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 139*	*05/26/22 23:51*	*06/02/22 09:44*	*1*

Lab Sample ID: MB 460-847356/8
Matrix: Solid
Analysis Batch: 847356

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.44	U	1.0	0.44	ug/Kg			05/31/22 08:31	1
Bromomethane	1.0	U	2.0	1.0	ug/Kg			05/31/22 08:31	1
Vinyl chloride	0.55	U	1.0	0.55	ug/Kg			05/31/22 08:31	1
Chloroethane	0.52	U	1.0	0.52	ug/Kg			05/31/22 08:31	1
Methylene Chloride	1.1	U	2.0	1.1	ug/Kg			05/31/22 08:31	1
Acetone	5.7	U	6.0	5.7	ug/Kg			05/31/22 08:31	1
Carbon disulfide	0.27	U	1.0	0.27	ug/Kg			05/31/22 08:31	1
Trichlorofluoromethane	0.41	U	1.0	0.41	ug/Kg			05/31/22 08:31	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/Kg			05/31/22 08:31	1
1,1-Dichloroethane	0.21	U	1.0	0.21	ug/Kg			05/31/22 08:31	1
trans-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/Kg			05/31/22 08:31	1
cis-1,2-Dichloroethene	0.36	U	1.0	0.36	ug/Kg			05/31/22 08:31	1
Chloroform	0.97	U	1.0	0.97	ug/Kg			05/31/22 08:31	1
1,2-Dichloroethane	0.30	U	1.0	0.30	ug/Kg			05/31/22 08:31	1
2-Butanone (MEK)	0.37	U	5.0	0.37	ug/Kg			05/31/22 08:31	1
1,1,1-Trichloroethane	0.23	U	1.0	0.23	ug/Kg			05/31/22 08:31	1
Carbon tetrachloride	0.39	U	1.0	0.39	ug/Kg			05/31/22 08:31	1
Dichlorobromomethane	0.26	U	1.0	0.26	ug/Kg			05/31/22 08:31	1
1,2-Dichloropropane	0.42	U	1.0	0.42	ug/Kg			05/31/22 08:31	1
cis-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg			05/31/22 08:31	1
Trichloroethene	0.32	U	1.0	0.32	ug/Kg			05/31/22 08:31	1
Chlorodibromomethane	0.19	U	1.0	0.19	ug/Kg			05/31/22 08:31	1
1,1,2-Trichloroethane	0.18	U	1.0	0.18	ug/Kg			05/31/22 08:31	1
Benzene	0.26	U	1.0	0.26	ug/Kg			05/31/22 08:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg			05/31/22 08:31	1
Bromoform	0.43	U	1.0	0.43	ug/Kg			05/31/22 08:31	1
4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6	ug/Kg			05/31/22 08:31	1
2-Hexanone	1.7	U	5.0	1.7	ug/Kg			05/31/22 08:31	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/Kg			05/31/22 08:31	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/Kg			05/31/22 08:31	1

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

Lab Sample ID: MB 460-847356/8
Matrix: Solid
Analysis Batch: 847356

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.23	U	1.0	0.23	ug/Kg			05/31/22 08:31	1
Chlorobenzene	0.18	U	1.0	0.18	ug/Kg			05/31/22 08:31	1
Ethylbenzene	0.20	U	1.0	0.20	ug/Kg			05/31/22 08:31	1
Styrene	0.28	U	1.0	0.28	ug/Kg			05/31/22 08:31	1
m-Xylene & p-Xylene	0.17	U	1.0	0.17	ug/Kg			05/31/22 08:31	1
o-Xylene	0.19	U	1.0	0.19	ug/Kg			05/31/22 08:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30	ug/Kg			05/31/22 08:31	1
Methyl tert-butyl ether	0.51	U	1.0	0.51	ug/Kg			05/31/22 08:31	1
Cyclohexane	0.22	U	1.0	0.22	ug/Kg			05/31/22 08:31	1
Ethylene Dibromide	0.18	U	1.0	0.18	ug/Kg			05/31/22 08:31	1
1,3-Dichlorobenzene	0.37	U	1.0	0.37	ug/Kg			05/31/22 08:31	1
1,4-Dichlorobenzene	0.23	U	1.0	0.23	ug/Kg			05/31/22 08:31	1
1,2-Dichlorobenzene	0.36	U	1.0	0.36	ug/Kg			05/31/22 08:31	1
Dichlorodifluoromethane	0.34	U	1.0	0.34	ug/Kg			05/31/22 08:31	1
1,2,4-Trichlorobenzene	0.36	U	1.0	0.36	ug/Kg			05/31/22 08:31	1
1,2,3-Trichlorobenzene	0.18	U	1.0	0.18	ug/Kg			05/31/22 08:31	1
1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46	ug/Kg			05/31/22 08:31	1
Chlorobromomethane	0.28	U	1.0	0.28	ug/Kg			05/31/22 08:31	1
Isopropylbenzene	0.29	U	1.0	0.29	ug/Kg			05/31/22 08:31	1
Methyl acetate	4.3	U	5.0	4.3	ug/Kg			05/31/22 08:31	1
Methylcyclohexane	0.50	U	1.0	0.50	ug/Kg			05/31/22 08:31	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*05/31/22 08:31*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*		*05/31/22 08:31*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*05/31/22 08:31*	*1*
4-Bromofluorobenzene	*103*		*75 - 139*		*05/31/22 08:31*	*1*
Dibromofluoromethane (Surr)	*121*		*73 - 139*		*05/31/22 08:31*	*1*

Lab Sample ID: LCS 460-847356/4
Matrix: Solid
Analysis Batch: 847356

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	20.0		ug/Kg		100	63 - 130
Bromomethane	20.0	23.9		ug/Kg		120	64 - 150
Vinyl chloride	20.0	22.6		ug/Kg		113	72 - 131
Chloroethane	20.0	22.8		ug/Kg		114	68 - 132
Methylene Chloride	20.0	22.8		ug/Kg		114	76 - 120
Acetone	100	120		ug/Kg		120	63 - 131
Carbon disulfide	20.0	25.3	*+	ug/Kg		127	76 - 120
Trichlorofluoromethane	20.0	25.0		ug/Kg		125	76 - 142
1,1-Dichloroethene	20.0	25.8		ug/Kg		129	70 - 132
1,1-Dichloroethane	20.0	23.9		ug/Kg		119	77 - 129
trans-1,2-Dichloroethene	20.0	26.9	*+	ug/Kg		135	78 - 120
cis-1,2-Dichloroethene	20.0	22.5		ug/Kg		112	80 - 123

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

Lab Sample ID: LCS 460-847356/4
Matrix: Solid
Analysis Batch: 847356

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	20.0	22.1		ug/Kg		111	79 - 126
1,2-Dichloroethane	20.0	20.1		ug/Kg		100	75 - 123
2-Butanone (MEK)	100	115		ug/Kg		115	75 - 120
1,1,1-Trichloroethane	20.0	24.3	*+	ug/Kg		121	78 - 120
Carbon tetrachloride	20.0	24.3	*+	ug/Kg		122	77 - 121
Dichlorobromomethane	20.0	20.7		ug/Kg		103	73 - 124
1,2-Dichloropropane	20.0	20.2		ug/Kg		101	73 - 124
cis-1,3-Dichloropropene	20.0	16.3		ug/Kg		82	80 - 120
Trichloroethene	20.0	21.8		ug/Kg		109	79 - 120
Chlorodibromomethane	20.0	19.1		ug/Kg		95	80 - 120
1,1,2-Trichloroethane	20.0	16.7		ug/Kg		84	80 - 120
Benzene	20.0	17.2		ug/Kg		86	80 - 123
trans-1,3-Dichloropropene	20.0	17.9		ug/Kg		89	80 - 120
Bromoform	20.0	21.0		ug/Kg		105	70 - 125
4-Methyl-2-pentanone (MIBK)	100	104		ug/Kg		104	80 - 122
2-Hexanone	100	105		ug/Kg		105	70 - 128
Tetrachloroethene	20.0	20.9		ug/Kg		104	78 - 123
1,1,2,2-Tetrachloroethane	20.0	17.3		ug/Kg		86	66 - 123
Toluene	20.0	17.9		ug/Kg		90	80 - 120
Chlorobenzene	20.0	20.3		ug/Kg		102	80 - 120
Ethylbenzene	20.0	20.1		ug/Kg		101	76 - 120
Styrene	20.0	20.3		ug/Kg		101	80 - 120
m-Xylene & p-Xylene	20.0	19.5		ug/Kg		97	80 - 120
o-Xylene	20.0	18.9		ug/Kg		95	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	26.6		ug/Kg		133	75 - 141
Methyl tert-butyl ether	20.0	24.3		ug/Kg		122	80 - 125
Cyclohexane	20.0	22.4		ug/Kg		112	70 - 132
Ethylene Dibromide	20.0	19.4		ug/Kg		97	79 - 120
1,3-Dichlorobenzene	20.0	20.2		ug/Kg		101	80 - 120
1,4-Dichlorobenzene	20.0	19.0		ug/Kg		95	80 - 120
1,2-Dichlorobenzene	20.0	20.0		ug/Kg		100	80 - 120
Dichlorodifluoromethane	20.0	20.3		ug/Kg		102	62 - 150
1,2,4-Trichlorobenzene	20.0	20.1		ug/Kg		100	68 - 150
1,2,3-Trichlorobenzene	20.0	19.9		ug/Kg		100	44 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.6		ug/Kg		93	60 - 124
Chlorobromomethane	20.0	23.3		ug/Kg		117	76 - 127
Isopropylbenzene	20.0	19.5		ug/Kg		97	80 - 120
Methyl acetate	40.0	45.0		ug/Kg		113	58 - 143
Methylcyclohexane	20.0	22.0		ug/Kg		110	70 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*
Toluene-d8 (Surr)	*90*		*80 - 120*
4-Bromofluorobenzene	*101*		*75 - 139*
Dibromofluoromethane (Surr)	*114*		*73 - 139*

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

Lab Sample ID: LCSD 460-847356/5
Matrix: Solid
Analysis Batch: 847356

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	20.0	19.2		ug/Kg		96	63 - 130	4	30
Bromomethane	20.0	22.4		ug/Kg		112	64 - 150	7	30
Vinyl chloride	20.0	20.4		ug/Kg		102	72 - 131	10	30
Chloroethane	20.0	22.9		ug/Kg		115	68 - 132	0	30
Methylene Chloride	20.0	21.7		ug/Kg		108	76 - 120	5	30
Acetone	100	115		ug/Kg		115	63 - 131	4	30
Carbon disulfide	20.0	25.2	*+	ug/Kg		126	76 - 120	0	30
Trichlorofluoromethane	20.0	23.9		ug/Kg		119	76 - 142	5	30
1,1-Dichloroethene	20.0	25.2		ug/Kg		126	70 - 132	2	30
1,1-Dichloroethane	20.0	22.8		ug/Kg		114	77 - 129	5	30
trans-1,2-Dichloroethene	20.0	23.8		ug/Kg		119	78 - 120	12	30
cis-1,2-Dichloroethene	20.0	21.8		ug/Kg		109	80 - 123	3	30
Chloroform	20.0	22.1		ug/Kg		111	79 - 126	0	30
1,2-Dichloroethane	20.0	20.5		ug/Kg		102	75 - 123	2	30
2-Butanone (MEK)	100	113		ug/Kg		113	75 - 120	2	30
1,1,1-Trichloroethane	20.0	23.6		ug/Kg		118	78 - 120	3	30
Carbon tetrachloride	20.0	24.7	*+	ug/Kg		124	77 - 121	1	30
Dichlorobromomethane	20.0	21.3		ug/Kg		107	73 - 124	3	30
1,2-Dichloropropane	20.0	20.2		ug/Kg		101	73 - 124	0	30
cis-1,3-Dichloropropene	20.0	17.9		ug/Kg		89	80 - 120	9	30
Trichloroethene	20.0	21.7		ug/Kg		108	79 - 120	1	30
Chlorodibromomethane	20.0	20.5		ug/Kg		102	80 - 120	7	30
1,1,2-Trichloroethane	20.0	17.5		ug/Kg		87	80 - 120	5	30
Benzene	20.0	16.9		ug/Kg		84	80 - 123	2	30
trans-1,3-Dichloropropene	20.0	17.7		ug/Kg		88	80 - 120	1	30
Bromoform	20.0	21.0		ug/Kg		105	70 - 125	0	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/Kg		102	80 - 122	2	30
2-Hexanone	100	109		ug/Kg		109	70 - 128	3	30
Tetrachloroethene	20.0	21.2		ug/Kg		106	78 - 123	2	30
1,1,2,2-Tetrachloroethane	20.0	17.3		ug/Kg		87	66 - 123	0	30
Toluene	20.0	18.7		ug/Kg		94	80 - 120	4	30
Chlorobenzene	20.0	20.1		ug/Kg		101	80 - 120	1	30
Ethylbenzene	20.0	19.9		ug/Kg		100	76 - 120	1	30
Styrene	20.0	20.5		ug/Kg		103	80 - 120	1	30
m-Xylene & p-Xylene	20.0	20.4		ug/Kg		102	80 - 120	5	30
o-Xylene	20.0	18.7		ug/Kg		94	80 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.5		ug/Kg		127	75 - 141	4	30
Methyl tert-butyl ether	20.0	22.9		ug/Kg		115	80 - 125	6	30
Cyclohexane	20.0	22.1		ug/Kg		110	70 - 132	2	30
Ethylene Dibromide	20.0	20.0		ug/Kg		100	79 - 120	3	30
1,3-Dichlorobenzene	20.0	20.5		ug/Kg		102	80 - 120	2	30
1,4-Dichlorobenzene	20.0	20.0		ug/Kg		100	80 - 120	5	30
1,2-Dichlorobenzene	20.0	19.8		ug/Kg		99	80 - 120	1	30
Dichlorodifluoromethane	20.0	19.8		ug/Kg		99	62 - 150	3	30
1,2,4-Trichlorobenzene	20.0	21.1		ug/Kg		106	68 - 150	5	30
1,2,3-Trichlorobenzene	20.0	20.4		ug/Kg		102	44 - 120	2	30
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/Kg		94	60 - 124	1	30
Chlorobromomethane	20.0	22.8		ug/Kg		114	76 - 127	3	30

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

Lab Sample ID: LCSD 460-847356/5
Matrix: Solid
Analysis Batch: 847356

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene			20.0	19.7		ug/Kg		99	80 - 120	1	30
Methyl acetate			40.0	43.3		ug/Kg		108	58 - 143	4	30
Methylcyclohexane			20.0	22.1		ug/Kg		111	70 - 133	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*
Toluene-d8 (Surr)	*89*		*80 - 120*
4-Bromofluorobenzene	*99*		*75 - 139*
Dibromofluoromethane (Surr)	*109*		*73 - 139*

Lab Sample ID: MB 460-847741/7
Matrix: Solid
Analysis Batch: 847741

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.44	U	1.0	0.44	ug/Kg			06/02/22 06:26	1
Bromomethane	1.0	U	2.0	1.0	ug/Kg			06/02/22 06:26	1
Vinyl chloride	0.55	U	1.0	0.55	ug/Kg			06/02/22 06:26	1
Chloroethane	0.52	U	1.0	0.52	ug/Kg			06/02/22 06:26	1
Methylene Chloride	1.1	U	2.0	1.1	ug/Kg			06/02/22 06:26	1
Acetone	5.7	U	6.0	5.7	ug/Kg			06/02/22 06:26	1
Carbon disulfide	0.27	U	1.0	0.27	ug/Kg			06/02/22 06:26	1
Trichlorofluoromethane	0.41	U	1.0	0.41	ug/Kg			06/02/22 06:26	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/Kg			06/02/22 06:26	1
1,1-Dichloroethane	0.21	U	1.0	0.21	ug/Kg			06/02/22 06:26	1
trans-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/Kg			06/02/22 06:26	1
cis-1,2-Dichloroethene	0.36	U	1.0	0.36	ug/Kg			06/02/22 06:26	1
Chloroform	0.97	U	1.0	0.97	ug/Kg			06/02/22 06:26	1
1,2-Dichloroethane	0.30	U	1.0	0.30	ug/Kg			06/02/22 06:26	1
2-Butanone (MEK)	0.37	U	5.0	0.37	ug/Kg			06/02/22 06:26	1
1,1,1-Trichloroethane	0.23	U	1.0	0.23	ug/Kg			06/02/22 06:26	1
Carbon tetrachloride	0.39	U	1.0	0.39	ug/Kg			06/02/22 06:26	1
Dichlorobromomethane	0.26	U	1.0	0.26	ug/Kg			06/02/22 06:26	1
1,2-Dichloropropane	0.42	U	1.0	0.42	ug/Kg			06/02/22 06:26	1
cis-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg			06/02/22 06:26	1
Trichloroethene	0.32	U	1.0	0.32	ug/Kg			06/02/22 06:26	1
Chlorodibromomethane	0.19	U	1.0	0.19	ug/Kg			06/02/22 06:26	1
1,1,2-Trichloroethane	0.18	U	1.0	0.18	ug/Kg			06/02/22 06:26	1
Benzene	0.26	U	1.0	0.26	ug/Kg			06/02/22 06:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg			06/02/22 06:26	1
Bromoform	0.43	U	1.0	0.43	ug/Kg			06/02/22 06:26	1
4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6	ug/Kg			06/02/22 06:26	1
2-Hexanone	1.7	U	5.0	1.7	ug/Kg			06/02/22 06:26	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/Kg			06/02/22 06:26	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/Kg			06/02/22 06:26	1
Toluene	0.23	U	1.0	0.23	ug/Kg			06/02/22 06:26	1
Chlorobenzene	0.18	U	1.0	0.18	ug/Kg			06/02/22 06:26	1
Ethylbenzene	0.20	U	1.0	0.20	ug/Kg			06/02/22 06:26	1

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

Lab Sample ID: MB 460-847741/7
Matrix: Solid
Analysis Batch: 847741

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.28	U	1.0	0.28	ug/Kg			06/02/22 06:26	1
m-Xylene & p-Xylene	0.17	U	1.0	0.17	ug/Kg			06/02/22 06:26	1
o-Xylene	0.19	U	1.0	0.19	ug/Kg			06/02/22 06:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30	ug/Kg			06/02/22 06:26	1
Methyl tert-butyl ether	0.51	U	1.0	0.51	ug/Kg			06/02/22 06:26	1
Cyclohexane	0.22	U	1.0	0.22	ug/Kg			06/02/22 06:26	1
Ethylene Dibromide	0.18	U	1.0	0.18	ug/Kg			06/02/22 06:26	1
1,3-Dichlorobenzene	0.37	U	1.0	0.37	ug/Kg			06/02/22 06:26	1
1,4-Dichlorobenzene	0.23	U	1.0	0.23	ug/Kg			06/02/22 06:26	1
1,2-Dichlorobenzene	0.36	U	1.0	0.36	ug/Kg			06/02/22 06:26	1
Dichlorodifluoromethane	0.34	U	1.0	0.34	ug/Kg			06/02/22 06:26	1
1,2,4-Trichlorobenzene	0.36	U	1.0	0.36	ug/Kg			06/02/22 06:26	1
1,2,3-Trichlorobenzene	0.18	U	1.0	0.18	ug/Kg			06/02/22 06:26	1
1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46	ug/Kg			06/02/22 06:26	1
Chlorobromomethane	0.28	U	1.0	0.28	ug/Kg			06/02/22 06:26	1
Isopropylbenzene	0.29	U	1.0	0.29	ug/Kg			06/02/22 06:26	1
Methyl acetate	4.3	U	5.0	4.3	ug/Kg			06/02/22 06:26	1
Methylcyclohexane	0.50	U	1.0	0.50	ug/Kg			06/02/22 06:26	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*06/02/22 06:26*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 145*		*06/02/22 06:26*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/02/22 06:26*	*1*
4-Bromofluorobenzene	*102*		*75 - 139*		*06/02/22 06:26*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*		*06/02/22 06:26*	*1*

Lab Sample ID: LCS 460-847741/3
Matrix: Solid
Analysis Batch: 847741

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	19.8		ug/Kg		99	63 - 130
Bromomethane	20.0	22.3		ug/Kg		112	64 - 150
Vinyl chloride	20.0	21.4		ug/Kg		107	72 - 131
Chloroethane	20.0	21.3		ug/Kg		106	68 - 132
Methylene Chloride	20.0	18.0		ug/Kg		90	76 - 120
Acetone	100	74.9		ug/Kg		75	63 - 131
Carbon disulfide	20.0	20.3		ug/Kg		101	76 - 120
Trichlorofluoromethane	20.0	22.1		ug/Kg		111	76 - 142
1,1-Dichloroethene	20.0	19.9		ug/Kg		99	70 - 132
1,1-Dichloroethane	20.0	18.8		ug/Kg		94	77 - 129
trans-1,2-Dichloroethene	20.0	20.3		ug/Kg		101	78 - 120
cis-1,2-Dichloroethene	20.0	19.5		ug/Kg		97	80 - 123
Chloroform	20.0	19.2		ug/Kg		96	79 - 126
1,2-Dichloroethane	20.0	17.4		ug/Kg		87	75 - 123
2-Butanone (MEK)	100	103		ug/Kg		103	75 - 120

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

Lab Sample ID: LCS 460-847741/3
Matrix: Solid
Analysis Batch: 847741

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.3		ug/Kg		101	78 - 120
Carbon tetrachloride	20.0	20.0		ug/Kg		100	77 - 121
Dichlorobromomethane	20.0	17.7		ug/Kg		89	73 - 124
1,2-Dichloropropane	20.0	17.8		ug/Kg		89	73 - 124
cis-1,3-Dichloropropene	20.0	17.2		ug/Kg		86	80 - 120
Trichloroethene	20.0	19.9		ug/Kg		99	79 - 120
Chlorodibromomethane	20.0	16.6		ug/Kg		83	80 - 120
1,1,2-Trichloroethane	20.0	18.7		ug/Kg		94	80 - 120
Benzene	20.0	19.8		ug/Kg		99	80 - 123
trans-1,3-Dichloropropene	20.0	17.0		ug/Kg		85	80 - 120
Bromoform	20.0	15.9		ug/Kg		80	70 - 125
4-Methyl-2-pentanone (MIBK)	100	95.9		ug/Kg		96	80 - 122
2-Hexanone	100	95.9		ug/Kg		96	70 - 128
Tetrachloroethene	20.0	20.6		ug/Kg		103	78 - 123
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/Kg		95	66 - 123
Toluene	20.0	19.3		ug/Kg		96	80 - 120
Chlorobenzene	20.0	19.3		ug/Kg		96	80 - 120
Ethylbenzene	20.0	19.5		ug/Kg		97	76 - 120
Styrene	20.0	18.0		ug/Kg		90	80 - 120
m-Xylene & p-Xylene	20.0	18.6		ug/Kg		93	80 - 120
o-Xylene	20.0	18.8		ug/Kg		94	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.9		ug/Kg		114	75 - 141
Methyl tert-butyl ether	20.0	18.2		ug/Kg		91	80 - 125
Cyclohexane	20.0	20.5		ug/Kg		102	70 - 132
Ethylene Dibromide	20.0	17.1		ug/Kg		86	79 - 120
1,3-Dichlorobenzene	20.0	19.6		ug/Kg		98	80 - 120
1,4-Dichlorobenzene	20.0	20.2		ug/Kg		101	80 - 120
1,2-Dichlorobenzene	20.0	20.4		ug/Kg		102	80 - 120
Dichlorodifluoromethane	20.0	20.4		ug/Kg		102	62 - 150
1,2,4-Trichlorobenzene	20.0	21.5		ug/Kg		107	68 - 150
1,2,3-Trichlorobenzene	20.0	21.6		ug/Kg		108	44 - 120
1,2-Dibromo-3-Chloropropane	20.0	19.5		ug/Kg		98	60 - 124
Chlorobromomethane	20.0	18.9		ug/Kg		95	76 - 127
Isopropylbenzene	20.0	20.5		ug/Kg		103	80 - 120
Methyl acetate	40.0	35.1		ug/Kg		88	58 - 143
Methylcyclohexane	20.0	19.7		ug/Kg		98	70 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene	*101*		*75 - 139*
Dibromofluoromethane (Surr)	*103*		*73 - 139*

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

Lab Sample ID: LCSD 460-847741/4
Matrix: Solid
Analysis Batch: 847741

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	20.0	20.3		ug/Kg		101	63 - 130	2	30
Bromomethane	20.0	21.9		ug/Kg		110	64 - 150	2	30
Vinyl chloride	20.0	21.3		ug/Kg		106	72 - 131	1	30
Chloroethane	20.0	22.3		ug/Kg		111	68 - 132	4	30
Methylene Chloride	20.0	19.3		ug/Kg		96	76 - 120	7	30
Acetone	100	87.5		ug/Kg		88	63 - 131	16	30
Carbon disulfide	20.0	20.7		ug/Kg		104	76 - 120	2	30
Trichlorofluoromethane	20.0	22.6		ug/Kg		113	76 - 142	2	30
1,1-Dichloroethene	20.0	20.5		ug/Kg		102	70 - 132	3	30
1,1-Dichloroethane	20.0	20.1		ug/Kg		101	77 - 129	7	30
trans-1,2-Dichloroethene	20.0	21.2		ug/Kg		106	78 - 120	5	30
cis-1,2-Dichloroethene	20.0	20.7		ug/Kg		103	80 - 123	6	30
Chloroform	20.0	21.0		ug/Kg		105	79 - 126	9	30
1,2-Dichloroethane	20.0	19.4		ug/Kg		97	75 - 123	11	30
2-Butanone (MEK)	100	125	*+	ug/Kg		125	75 - 120	20	30
1,1,1-Trichloroethane	20.0	21.3		ug/Kg		107	78 - 120	5	30
Carbon tetrachloride	20.0	21.0		ug/Kg		105	77 - 121	5	30
Dichlorobromomethane	20.0	20.0		ug/Kg		100	73 - 124	12	30
1,2-Dichloropropane	20.0	19.6		ug/Kg		98	73 - 124	10	30
cis-1,3-Dichloropropene	20.0	19.9		ug/Kg		99	80 - 120	14	30
Trichloroethene	20.0	21.6		ug/Kg		108	79 - 120	8	30
Chlorodibromomethane	20.0	19.8		ug/Kg		99	80 - 120	18	30
1,1,2-Trichloroethane	20.0	22.0		ug/Kg		110	80 - 120	16	30
Benzene	20.0	21.4		ug/Kg		107	80 - 123	8	30
trans-1,3-Dichloropropene	20.0	20.0		ug/Kg		100	80 - 120	16	30
Bromoform	20.0	19.7		ug/Kg		99	70 - 125	21	30
4-Methyl-2-pentanone (MIBK)	100	118		ug/Kg		118	80 - 122	20	30
2-Hexanone	100	115		ug/Kg		115	70 - 128	18	30
Tetrachloroethene	20.0	23.0		ug/Kg		115	78 - 123	11	30
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/Kg		112	66 - 123	16	30
Toluene	20.0	21.5		ug/Kg		108	80 - 120	11	30
Chlorobenzene	20.0	22.5		ug/Kg		113	80 - 120	16	30
Ethylbenzene	20.0	22.2		ug/Kg		111	76 - 120	13	30
Styrene	20.0	21.7		ug/Kg		109	80 - 120	19	30
m-Xylene & p-Xylene	20.0	21.1		ug/Kg		106	80 - 120	13	30
o-Xylene	20.0	22.2		ug/Kg		111	80 - 120	17	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.7		ug/Kg		114	75 - 141	1	30
Methyl tert-butyl ether	20.0	19.4		ug/Kg		97	80 - 125	7	30
Cyclohexane	20.0	21.1		ug/Kg		105	70 - 132	3	30
Ethylene Dibromide	20.0	20.1		ug/Kg		100	79 - 120	16	30
1,3-Dichlorobenzene	20.0	22.9		ug/Kg		114	80 - 120	15	30
1,4-Dichlorobenzene	20.0	23.7		ug/Kg		118	80 - 120	16	30
1,2-Dichlorobenzene	20.0	23.9		ug/Kg		120	80 - 120	16	30
Dichlorodifluoromethane	20.0	21.6		ug/Kg		108	62 - 150	5	30
1,2,4-Trichlorobenzene	20.0	24.7		ug/Kg		124	68 - 150	14	30
1,2,3-Trichlorobenzene	20.0	24.6	*+	ug/Kg		123	44 - 120	13	30
1,2-Dibromo-3-Chloropropane	20.0	23.0		ug/Kg		115	60 - 124	16	30
Chlorobromomethane	20.0	20.6		ug/Kg		103	76 - 127	8	30

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

Lab Sample ID: LCSD 460-847741/4
Matrix: Solid
Analysis Batch: 847741

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene			20.0	23.4		ug/Kg		117	80 - 120	13	30
Methyl acetate			40.0	42.7		ug/Kg		107	58 - 143	20	30
Methylcyclohexane			20.0	20.2		ug/Kg		101	70 - 133	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 145*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene	*103*		*75 - 139*
Dibromofluoromethane (Surr)	*104*		*73 - 139*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-847011/1-A
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 847011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.012	U	0.33	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
1,2,4,5-Tetrachlorobenzene	0.010	U	0.33	0.010	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
1,4-Dioxane	0.029	U	0.033	0.029	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,3,4,6-Tetrachlorophenol	0.022	U	0.33	0.022	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,4,5-Trichlorophenol	0.034	U	0.33	0.034	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,4,6-Trichlorophenol	0.042	U	0.13	0.042	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,4-Dichlorophenol	0.021	U	0.13	0.021	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,4-Dimethylphenol	0.039	U	0.33	0.039	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,4-Dinitrophenol	0.16	U	0.27	0.16	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2-Chlorophenol	0.012	U	0.33	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2-Methylphenol	0.012	U	0.33	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2-Nitroaniline	0.025	U	0.33	0.025	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
2-Nitrophenol	0.033	U	0.33	0.033	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
3-Nitroaniline	0.079	U	0.33	0.079	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4,6-Dinitro-2-methylphenol	0.14	U	0.27	0.14	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4-Chloro-3-methylphenol	0.019	U	0.33	0.019	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4-Chloroaniline	0.059	U	0.33	0.059	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4-Methylphenol	0.021	U	0.33	0.021	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
4-Nitrophenol	0.054	U	0.67	0.054	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Acenaphthene	0.0094	U	0.33	0.0094	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Acenaphthylene	0.0095	U	0.33	0.0095	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Acetophenone	0.016	U	0.33	0.016	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		05/27/22 11:26	05/27/22 19:07	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-847011/1-A
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 847011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	0.019	U	0.13	0.019	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Benzaldehyde	0.055	U	0.33	0.055	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Caprolactam	0.051	U	0.33	0.051	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Dibenzofuran	0.011	U	0.33	0.011	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Diethyl phthalate	0.011	U	0.33	0.011	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Di-n-butyl phthalate	0.012	U	0.33	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Fluorene	0.0097	U	0.33	0.0097	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Nitrobenzene	0.018	U	0.033	0.018	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
N-Nitrosodiphenylamine	0.027	U	0.33	0.027	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Pentachlorophenol	0.068	U	0.27	0.068	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Phenol	0.012	U	0.33	0.012	mg/Kg		05/27/22 11:26	05/27/22 19:07	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		05/27/22 11:26	05/27/22 19:07	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*				*05/27/22 11:26*	*05/27/22 19:07*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 123*	*05/27/22 11:26*	*05/27/22 19:07*	*1*
2-Fluorobiphenyl	*92*		*22 - 122*	*05/27/22 11:26*	*05/27/22 19:07*	*1*
2-Fluorophenol (Surr)	*73*		*18 - 123*	*05/27/22 11:26*	*05/27/22 19:07*	*1*
Nitrobenzene-d5 (Surr)	*75*		*16 - 125*	*05/27/22 11:26*	*05/27/22 19:07*	*1*
Phenol-d5 (Surr)	*78*		*23 - 120*	*05/27/22 11:26*	*05/27/22 19:07*	*1*
Terphenyl-d14 (Surr)	*95*		*25 - 126*	*05/27/22 11:26*	*05/27/22 19:07*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-847011/2-A
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.99		mg/Kg		90	59 - 120
1,2,4,5-Tetrachlorobenzene	3.33	3.19		mg/Kg		96	60 - 120
1,4-Dioxane	3.33	2.02		mg/Kg		61	21 - 120
2,2'-oxybis[1-chloropropane]	3.33	1.67		mg/Kg		50	49 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.72		mg/Kg		81	54 - 120
2,4,5-Trichlorophenol	3.33	3.02		mg/Kg		91	59 - 120
2,4,6-Trichlorophenol	3.33	2.85		mg/Kg		86	58 - 120
2,4-Dichlorophenol	3.33	3.17		mg/Kg		95	66 - 120
2,4-Dimethylphenol	3.33	2.73		mg/Kg		82	67 - 120
2,4-Dinitrophenol	6.67	5.61		mg/Kg		84	36 - 129
2,4-Dinitrotoluene	3.33	3.13		mg/Kg		94	65 - 124
2,6-Dinitrotoluene	3.33	3.16		mg/Kg		95	67 - 121
2-Chloronaphthalene	3.33	2.92		mg/Kg		88	60 - 120
2-Chlorophenol	3.33	2.70		mg/Kg		81	63 - 120
2-Methylnaphthalene	3.33	2.81		mg/Kg		84	64 - 120
2-Methylphenol	3.33	2.59		mg/Kg		78	63 - 120
2-Nitroaniline	3.33	1.95		mg/Kg		58	48 - 120
2-Nitrophenol	3.33	2.90		mg/Kg		87	64 - 120
3,3'-Dichlorobenzidine	3.33	2.97		mg/Kg		89	13 - 136
3-Nitroaniline	3.33	2.81		mg/Kg		84	39 - 122
4,6-Dinitro-2-methylphenol	6.67	5.73		mg/Kg		86	50 - 136
4-Bromophenyl phenyl ether	3.33	3.12		mg/Kg		94	67 - 120
4-Chloro-3-methylphenol	3.33	2.86		mg/Kg		86	66 - 120
4-Chloroaniline	3.33	2.68		mg/Kg		80	15 - 128
4-Chlorophenyl phenyl ether	3.33	3.07		mg/Kg		92	62 - 120
4-Methylphenol	3.33	2.50		mg/Kg		75	61 - 120
4-Nitroaniline	3.33	2.78		mg/Kg		84	55 - 120
4-Nitrophenol	6.67	3.67		mg/Kg		55	52 - 123
Acenaphthene	3.33	2.55		mg/Kg		76	49 - 120
Acenaphthylene	3.33	2.77		mg/Kg		83	64 - 120
Acetophenone	3.33	2.57		mg/Kg		77	61 - 120
Anthracene	3.33	2.93		mg/Kg		88	67 - 120
Atrazine	1.33	1.28		mg/Kg		96	29 - 150
Benzaldehyde	1.33	0.950		mg/Kg		71	34 - 150
Benzo[a]anthracene	3.33	2.81		mg/Kg		84	62 - 120
Benzo[a]pyrene	3.33	2.68		mg/Kg		80	73 - 123
Benzo[b]fluoranthene	3.33	2.96		mg/Kg		89	70 - 125
Benzo[g,h,i]perylene	3.33	2.98		mg/Kg		89	66 - 120
Benzo[k]fluoranthene	3.33	2.77		mg/Kg		83	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.49		mg/Kg		75	62 - 120
Bis(2-chloroethyl)ether	3.33	2.60		mg/Kg		78	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.76		mg/Kg		83	59 - 125
Butyl benzyl phthalate	3.33	2.86		mg/Kg		86	62 - 127
Caprolactam	1.33	1.31		mg/Kg		98	36 - 150
Carbazole	3.33	2.87		mg/Kg		86	64 - 120
Chrysene	3.33	2.76		mg/Kg		83	63 - 120
Dibenz(a,h)anthracene	3.33	3.16		mg/Kg		95	66 - 128
Dibenzofuran	3.33	3.06		mg/Kg		92	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-847011/2-A
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847011

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diethyl phthalate			3.33	2.95		mg/Kg		88	63 - 120		
Dimethyl phthalate			3.33	3.09		mg/Kg		93	65 - 120		
Di-n-butyl phthalate			3.33	2.82		mg/Kg		84	66 - 120		
Di-n-octyl phthalate			3.33	2.60		mg/Kg		78	65 - 133		
Fluoranthene			3.33	2.95		mg/Kg		88	61 - 120		
Fluorene			3.33	3.03		mg/Kg		91	60 - 120		
Hexachlorobenzene			3.33	3.21		mg/Kg		96	66 - 120		
Hexachlorobutadiene			3.33	3.17		mg/Kg		95	62 - 120		
Hexachlorocyclopentadiene			3.33	2.09		mg/Kg		63	38 - 120		
Hexachloroethane			3.33	2.62		mg/Kg		78	61 - 120		
Indeno[1,2,3-cd]pyrene			3.33	3.87		mg/Kg		116	62 - 130		
Isophorone			3.33	2.49		mg/Kg		75	67 - 120		
Naphthalene			3.33	2.89		mg/Kg		87	63 - 120		
Nitrobenzene			3.33	2.76		mg/Kg		83	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.38		mg/Kg		71	61 - 120		
N-Nitrosodiphenylamine			3.33	2.81		mg/Kg		84	63 - 120		
Pentachlorophenol			6.67	3.80		mg/Kg		57	37 - 126		
Phenanthrene			3.33	2.84		mg/Kg		85	66 - 120		
Phenol			3.33	2.66		mg/Kg		80	63 - 120		
Pyrene			3.33	2.87		mg/Kg		86	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 123*
2-Fluorobiphenyl	*81*		*22 - 122*
2-Fluorophenol (Surr)	*68*		*18 - 123*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*
Phenol-d5 (Surr)	*69*		*23 - 120*
Terphenyl-d14 (Surr)	*83*		*25 - 126*

Lab Sample ID: LCSD 460-847011/3-A
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 847011

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.93		mg/Kg		88	59 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	3.09		mg/Kg		93	60 - 120	3	30
1,4-Dioxane			3.33	2.00		mg/Kg		60	21 - 120	1	30
2,2'-oxybis[1-chloropropane]			3.33	1.70		mg/Kg		51	49 - 126	2	30
2,3,4,6-Tetrachlorophenol			3.33	2.69		mg/Kg		81	54 - 120	1	30
2,4,5-Trichlorophenol			3.33	2.87		mg/Kg		86	59 - 120	5	30
2,4,6-Trichlorophenol			3.33	2.72		mg/Kg		82	58 - 120	5	30
2,4-Dichlorophenol			3.33	3.12		mg/Kg		94	66 - 120	2	30
2,4-Dimethylphenol			3.33	2.72		mg/Kg		82	67 - 120	1	30
2,4-Dinitrophenol			6.67	5.41		mg/Kg		81	36 - 129	4	30
2,4-Dinitrotoluene			3.33	3.11		mg/Kg		93	65 - 124	0	30
2,6-Dinitrotoluene			3.33	3.10		mg/Kg		93	67 - 121	2	30
2-Chloronaphthalene			3.33	2.94		mg/Kg		88	60 - 120	1	30
2-Chlorophenol			3.33	2.68		mg/Kg		80	63 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-847011/3-A
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 847011

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	3.33	2.80		mg/Kg		84	64 - 120	0	30
2-Methylphenol	3.33	2.61		mg/Kg		78	63 - 120	1	30
2-Nitroaniline	3.33	1.93		mg/Kg		58	48 - 120	1	30
2-Nitrophenol	3.33	2.98		mg/Kg		90	64 - 120	3	30
3,3'-Dichlorobenzidine	3.33	2.89		mg/Kg		87	13 - 136	3	30
3-Nitroaniline	3.33	2.79		mg/Kg		84	39 - 122	1	30
4,6-Dinitro-2-methylphenol	6.67	5.74		mg/Kg		86	50 - 136	0	30
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	67 - 120	2	30
4-Chloro-3-methylphenol	3.33	2.75		mg/Kg		83	66 - 120	4	30
4-Chloroaniline	3.33	2.69		mg/Kg		81	15 - 128	1	30
4-Chlorophenyl phenyl ether	3.33	3.04		mg/Kg		91	62 - 120	1	30
4-Methylphenol	3.33	2.46		mg/Kg		74	61 - 120	2	30
4-Nitroaniline	3.33	2.77		mg/Kg		83	55 - 120	0	30
4-Nitrophenol	6.67	3.79		mg/Kg		57	52 - 123	3	30
Acenaphthene	3.33	2.47		mg/Kg		74	49 - 120	3	30
Acenaphthylene	3.33	2.72		mg/Kg		81	64 - 120	2	30
Acetophenone	3.33	2.54		mg/Kg		76	61 - 120	1	30
Anthracene	3.33	2.89		mg/Kg		87	67 - 120	1	30
Atrazine	1.33	1.38		mg/Kg		103	29 - 150	8	30
Benzaldehyde	1.33	0.963		mg/Kg		72	34 - 150	1	30
Benzo[a]anthracene	3.33	2.86		mg/Kg		86	62 - 120	2	30
Benzo[a]pyrene	3.33	2.66		mg/Kg		80	73 - 123	1	30
Benzo[b]fluoranthene	3.33	3.05		mg/Kg		92	70 - 125	3	30
Benzo[g,h,i]perylene	3.33	2.93		mg/Kg		88	66 - 120	2	30
Benzo[k]fluoranthene	3.33	2.78		mg/Kg		83	67 - 122	0	30
Bis(2-chloroethoxy)methane	3.33	2.47		mg/Kg		74	62 - 120	1	30
Bis(2-chloroethyl)ether	3.33	2.51		mg/Kg		75	60 - 120	3	30
Bis(2-ethylhexyl) phthalate	3.33	2.79		mg/Kg		84	59 - 125	1	30
Butyl benzyl phthalate	3.33	2.90		mg/Kg		87	62 - 127	2	30
Caprolactam	1.33	1.39		mg/Kg		104	36 - 150	6	30
Carbazole	3.33	2.93		mg/Kg		88	64 - 120	2	30
Chrysene	3.33	2.75		mg/Kg		82	63 - 120	0	30
Dibenz(a,h)anthracene	3.33	3.05		mg/Kg		91	66 - 128	4	30
Dibenzofuran	3.33	2.96		mg/Kg		89	61 - 120	3	30
Diethyl phthalate	3.33	2.92		mg/Kg		88	63 - 120	1	30
Dimethyl phthalate	3.33	3.09		mg/Kg		93	65 - 120	0	30
Di-n-butyl phthalate	3.33	2.84		mg/Kg		85	66 - 120	1	30
Di-n-octyl phthalate	3.33	2.69		mg/Kg		81	65 - 133	3	30
Fluoranthene	3.33	3.02		mg/Kg		91	61 - 120	2	30
Fluorene	3.33	2.92		mg/Kg		88	60 - 120	4	30
Hexachlorobenzene	3.33	3.24		mg/Kg		97	66 - 120	1	30
Hexachlorobutadiene	3.33	3.20		mg/Kg		96	62 - 120	1	30
Hexachlorocyclopentadiene	3.33	2.11		mg/Kg		63	38 - 120	1	30
Hexachloroethane	3.33	2.64		mg/Kg		79	61 - 120	1	30
Indeno[1,2,3-cd]pyrene	3.33	3.77		mg/Kg		113	62 - 130	3	30
Isophorone	3.33	2.45		mg/Kg		73	67 - 120	2	30
Naphthalene	3.33	2.84		mg/Kg		85	63 - 120	2	30
Nitrobenzene	3.33	2.68		mg/Kg		80	63 - 120	3	30
N-Nitrosodi-n-propylamine	3.33	2.37		mg/Kg		71	61 - 120	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-847011/3-A
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 847011

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine			3.33	2.86		mg/Kg		86	63 - 120	2	30
Pentachlorophenol			6.67	3.98		mg/Kg		60	37 - 126	5	30
Phenanthrene			3.33	2.83		mg/Kg		85	66 - 120	0	30
Phenol			3.33	2.57		mg/Kg		77	63 - 120	3	30
Pyrene			3.33	2.89		mg/Kg		87	61 - 121	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 123*
2-Fluorobiphenyl	*80*		*22 - 122*
2-Fluorophenol (Surr)	*67*		*18 - 123*
Nitrobenzene-d5 (Surr)	*67*		*16 - 125*
Phenol-d5 (Surr)	*67*		*23 - 120*
Terphenyl-d14 (Surr)	*84*		*25 - 126*

Lab Sample ID: 180-138294-B-45-A MS
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 847011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1'-Biphenyl	0.045	J	3.65	3.31		mg/Kg	☼	90	59 - 120		
1,2,4,5-Tetrachlorobenzene	0.011	U	3.65	3.36		mg/Kg	☼	92	60 - 120		
1,4-Dioxane	32	U	3.65	1.41		mg/Kg	☼	39	21 - 120		
2,2'-oxybis[1-chloropropane]	0.0065	U	3.65	1.83		mg/Kg	☼	50	49 - 126		
2,3,4,6-Tetrachlorophenol	0.025	U	3.65	3.15		mg/Kg	☼	86	54 - 120		
2,4,5-Trichlorophenol	0.037	U	3.65	3.21		mg/Kg	☼	88	59 - 120		
2,4,6-Trichlorophenol	0.046	U	3.65	3.08		mg/Kg	☼	84	58 - 120		
2,4-Dichlorophenol	0.023	U	3.65	3.28		mg/Kg	☼	90	66 - 120		
2,4-Dimethylphenol	0.043	U	3.65	2.82		mg/Kg	☼	77	67 - 120		
2,4-Dinitrophenol	0.18	U	7.30	2.92		mg/Kg	☼	40	36 - 129		
2,4-Dinitrotoluene	0.039	U	3.65	3.29		mg/Kg	☼	90	65 - 124		
2,6-Dinitrotoluene	0.026	U	3.65	3.22		mg/Kg	☼	88	67 - 121		
2-Chloronaphthalene	0.017	U	3.65	3.13		mg/Kg	☼	86	60 - 120		
2-Chlorophenol	0.013	U	3.65	2.83		mg/Kg	☼	78	63 - 120		
2-Methylnaphthalene	0.21	J	3.65	3.46		mg/Kg	☼	89	64 - 120		
2-Methylphenol	0.014	U	3.65	2.64		mg/Kg	☼	72	63 - 120		
2-Nitroaniline	0.028	U	3.65	2.18		mg/Kg	☼	60	48 - 120		
2-Nitrophenol	0.036	U	3.65	3.05		mg/Kg	☼	84	64 - 120		
3,3'-Dichlorobenzidine	0.055	U	3.65	2.70		mg/Kg	☼	74	13 - 136		
3-Nitroaniline	0.086	U	3.65	2.92		mg/Kg	☼	80	39 - 122		
4,6-Dinitro-2-methylphenol	0.15	U	7.30	4.84		mg/Kg	☼	66	50 - 136		
4-Bromophenyl phenyl ether	0.014	U	3.65	3.48		mg/Kg	☼	95	67 - 120		
4-Chloro-3-methylphenol	0.020	U	3.65	3.03		mg/Kg	☼	83	66 - 120		
4-Chloroaniline	0.064	U	3.65	2.51		mg/Kg	☼	69	15 - 128		
4-Chlorophenyl phenyl ether	0.013	U	3.65	3.25		mg/Kg	☼	89	62 - 120		
4-Methylphenol	0.023	U	3.65	2.55		mg/Kg	☼	70	61 - 120		
4-Nitroaniline	0.042	U	3.65	2.78		mg/Kg	☼	76	55 - 120		
4-Nitrophenol	0.059	U	7.30	4.45		mg/Kg	☼	61	52 - 123		
Acenaphthene	0.010	U	3.65	2.75		mg/Kg	☼	75	49 - 120		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-138294-B-45-A MS
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 847011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	0.010	U	3.65	2.94		mg/Kg	☼	81	64 - 120
Acetophenone	0.018	U	3.65	2.59		mg/Kg	☼	71	61 - 120
Anthracene	0.014	J	3.65	3.17		mg/Kg	☼	87	67 - 120
Atrazine	0.021	U	1.46	1.88		mg/Kg	☼	129	29 - 150
Benzaldehyde	0.060	U	1.46	1.30	E	mg/Kg	☼	89	34 - 150
Benzo[a]anthracene	0.040		3.65	3.07		mg/Kg	☼	83	62 - 120
Benzo[a]pyrene	0.029	J	3.65	2.83		mg/Kg	☼	77	73 - 123
Benzo[b]fluoranthene	0.051		3.65	3.20		mg/Kg	☼	86	70 - 125
Benzo[g,h,i]perylene	0.028	J	3.65	3.34		mg/Kg	☼	91	66 - 120
Benzo[k]fluoranthene	0.017	J	3.65	3.11		mg/Kg	☼	85	67 - 122
Bis(2-chloroethoxy)methane	0.028	U	3.65	2.62		mg/Kg	☼	72	62 - 120
Bis(2-chloroethyl)ether	0.013	U	3.65	2.61		mg/Kg	☼	72	60 - 120
Bis(2-ethylhexyl) phthalate	0.019	U	3.65	3.41		mg/Kg	☼	94	59 - 125
Butyl benzyl phthalate	0.017	U	3.65	3.51		mg/Kg	☼	96	62 - 127
Caprolactam	0.056	U	1.46	1.87		mg/Kg	☼	128	36 - 150
Carbazole	0.014	U	3.65	3.00		mg/Kg	☼	82	64 - 120
Chrysene	0.050	J	3.65	3.10		mg/Kg	☼	84	63 - 120
Dibenz(a,h)anthracene	0.016	U	3.65	3.36		mg/Kg	☼	92	66 - 128
Dibenzofuran	0.047	J	3.65	3.31		mg/Kg	☼	89	61 - 120
Diethyl phthalate	0.012	U	3.65	3.15		mg/Kg	☼	86	63 - 120
Dimethyl phthalate	0.082	U	3.65	3.30		mg/Kg	☼	91	65 - 120
Di-n-butyl phthalate	0.014	U	3.65	3.07		mg/Kg	☼	84	66 - 120
Di-n-octyl phthalate	0.019	U	3.65	3.30		mg/Kg	☼	90	65 - 133
Fluoranthene	0.064	J	3.65	3.20		mg/Kg	☼	86	61 - 120
Fluorene	0.011	U	3.65	3.26		mg/Kg	☼	89	60 - 120
Hexachlorobenzene	0.017	U	3.65	3.49		mg/Kg	☼	96	66 - 120
Hexachlorobutadiene	0.0077	U	3.65	3.22		mg/Kg	☼	88	62 - 120
Hexachlorocyclopentadiene	0.032	U	3.65	2.14		mg/Kg	☼	59	38 - 120
Hexachloroethane	0.012	U	3.65	2.62		mg/Kg	☼	72	61 - 120
Indeno[1,2,3-cd]pyrene	0.032	J	3.65	4.21		mg/Kg	☼	115	62 - 130
Isophorone	0.10	U	3.65	2.59		mg/Kg	☼	71	67 - 120
Naphthalene	0.71		3.65	4.40		mg/Kg	☼	101	63 - 120
Nitrobenzene	0.020	U	3.65	2.73		mg/Kg	☼	75	63 - 120
N-Nitrosodi-n-propylamine	0.026	U	3.65	2.38		mg/Kg	☼	65	61 - 120
N-Nitrosodiphenylamine	0.030	U	3.65	3.16		mg/Kg	☼	87	63 - 120
Pentachlorophenol	0.074	U	7.30	3.83		mg/Kg	☼	52	37 - 126
Phenanthrene	0.12	J	3.65	3.34		mg/Kg	☼	88	66 - 120
Phenol	0.013	U	3.65	2.74		mg/Kg	☼	75	63 - 120
Pyrene	0.069	J	3.65	3.70		mg/Kg	☼	99	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 123*
2-Fluorobiphenyl	*76*		*22 - 122*
2-Fluorophenol (Surr)	*64*		*18 - 123*
Nitrobenzene-d5 (Surr)	*64*		*16 - 125*
Phenol-d5 (Surr)	*64*		*23 - 120*
Terphenyl-d14 (Surr)	*93*		*25 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-138294-B-45-B MSD
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 847011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.045	J	3.65	3.30		mg/Kg	☼	89	59 - 120	0	30
1,2,4,5-Tetrachlorobenzene	0.011	U	3.65	3.36		mg/Kg	☼	92	60 - 120	0	30
1,4-Dioxane	32	U	3.65	1.42		mg/Kg	☼	39	21 - 120	0	30
2,2'-oxybis[1-chloropropane]	0.0065	U	3.65	1.81		mg/Kg	☼	50	49 - 126	1	30
2,3,4,6-Tetrachlorophenol	0.025	U	3.65	3.15		mg/Kg	☼	86	54 - 120	0	30
2,4,5-Trichlorophenol	0.037	U	3.65	3.35		mg/Kg	☼	92	59 - 120	4	30
2,4,6-Trichlorophenol	0.046	U	3.65	3.16		mg/Kg	☼	86	58 - 120	2	30
2,4-Dichlorophenol	0.023	U	3.65	3.31		mg/Kg	☼	91	66 - 120	1	30
2,4-Dimethylphenol	0.043	U	3.65	2.81		mg/Kg	☼	77	67 - 120	0	30
2,4-Dinitrophenol	0.18	U	7.30	2.70		mg/Kg	☼	37	36 - 129	8	30
2,4-Dinitrotoluene	0.039	U	3.65	3.44		mg/Kg	☼	94	65 - 124	4	30
2,6-Dinitrotoluene	0.026	U	3.65	3.45		mg/Kg	☼	94	67 - 121	7	30
2-Chloronaphthalene	0.017	U	3.65	3.28		mg/Kg	☼	90	60 - 120	5	30
2-Chlorophenol	0.013	U	3.65	2.77		mg/Kg	☼	76	63 - 120	2	30
2-Methylnaphthalene	0.21	J	3.65	3.09		mg/Kg	☼	79	64 - 120	11	30
2-Methylphenol	0.014	U	3.65	2.71		mg/Kg	☼	74	63 - 120	3	30
2-Nitroaniline	0.028	U	3.65	2.19		mg/Kg	☼	60	48 - 120	0	30
2-Nitrophenol	0.036	U	3.65	3.03		mg/Kg	☼	83	64 - 120	1	30
3,3'-Dichlorobenzidine	0.055	U	3.65	2.99		mg/Kg	☼	82	13 - 136	10	30
3-Nitroaniline	0.086	U	3.65	3.03		mg/Kg	☼	83	39 - 122	4	30
4,6-Dinitro-2-methylphenol	0.15	U	7.30	4.60		mg/Kg	☼	63	50 - 136	5	30
4-Bromophenyl phenyl ether	0.014	U	3.65	3.67		mg/Kg	☼	101	67 - 120	6	30
4-Chloro-3-methylphenol	0.020	U	3.65	3.11		mg/Kg	☼	85	66 - 120	3	30
4-Chloroaniline	0.064	U	3.65	2.67		mg/Kg	☼	73	15 - 128	6	30
4-Chlorophenyl phenyl ether	0.013	U	3.65	3.39		mg/Kg	☼	93	62 - 120	4	30
4-Methylphenol	0.023	U	3.65	2.51		mg/Kg	☼	69	61 - 120	1	30
4-Nitroaniline	0.042	U	3.65	2.84		mg/Kg	☼	78	55 - 120	2	30
4-Nitrophenol	0.059	U	7.30	4.51		mg/Kg	☼	62	52 - 123	1	30
Acenaphthene	0.010	U	3.65	2.85		mg/Kg	☼	78	49 - 120	4	30
Acenaphthylene	0.010	U	3.65	3.04		mg/Kg	☼	83	64 - 120	3	30
Acetophenone	0.018	U	3.65	2.49		mg/Kg	☼	68	61 - 120	4	30
Anthracene	0.014	J	3.65	3.30		mg/Kg	☼	90	67 - 120	4	30
Atrazine	0.021	U	1.46	2.02		mg/Kg	☼	138	29 - 150	8	30
Benzaldehyde	0.060	U	1.46	1.31	E	mg/Kg	☼	90	34 - 150	1	30
Benzo[a]anthracene	0.040		3.65	3.11		mg/Kg	☼	84	62 - 120	1	30
Benzo[a]pyrene	0.029	J	3.65	3.00		mg/Kg	☼	81	73 - 123	6	30
Benzo[b]fluoranthene	0.051		3.65	3.38		mg/Kg	☼	91	70 - 125	5	30
Benzo[g,h,i]perylene	0.028	J	3.65	3.48		mg/Kg	☼	95	66 - 120	4	30
Benzo[k]fluoranthene	0.017	J	3.65	3.21		mg/Kg	☼	88	67 - 122	3	30
Bis(2-chloroethoxy)methane	0.028	U	3.65	2.67		mg/Kg	☼	73	62 - 120	2	30
Bis(2-chloroethyl)ether	0.013	U	3.65	2.59		mg/Kg	☼	71	60 - 120	1	30
Bis(2-ethylhexyl) phthalate	0.019	U	3.65	3.39		mg/Kg	☼	93	59 - 125	0	30
Butyl benzyl phthalate	0.017	U	3.65	3.47		mg/Kg	☼	95	62 - 127	1	30
Caprolactam	0.056	U	1.46	1.87		mg/Kg	☼	128	36 - 150	0	30
Carbazole	0.014	U	3.65	3.16		mg/Kg	☼	86	64 - 120	5	30
Chrysene	0.050	J	3.65	3.23		mg/Kg	☼	87	63 - 120	4	30
Dibenz(a,h)anthracene	0.016	U	3.65	3.46		mg/Kg	☼	95	66 - 128	3	30
Dibenzofuran	0.047	J	3.65	3.41		mg/Kg	☼	92	61 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-138294-B-45-B MSD
Matrix: Solid
Analysis Batch: 847119

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 847011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	0.012	U	3.65	3.33		mg/Kg	☼	91	63 - 120	6	30
Dimethyl phthalate	0.082	U	3.65	3.49		mg/Kg	☼	95	65 - 120	5	30
Di-n-butyl phthalate	0.014	U	3.65	3.17		mg/Kg	☼	87	66 - 120	3	30
Di-n-octyl phthalate	0.019	U	3.65	3.35		mg/Kg	☼	92	65 - 133	2	30
Fluoranthene	0.064	J	3.65	3.28		mg/Kg	☼	88	61 - 120	2	30
Fluorene	0.011	U	3.65	3.35		mg/Kg	☼	92	60 - 120	3	30
Hexachlorobenzene	0.017	U	3.65	3.69		mg/Kg	☼	101	66 - 120	6	30
Hexachlorobutadiene	0.0077	U	3.65	3.18		mg/Kg	☼	87	62 - 120	2	30
Hexachlorocyclopentadiene	0.032	U	3.65	2.16		mg/Kg	☼	59	38 - 120	1	30
Hexachloroethane	0.012	U	3.65	2.56		mg/Kg	☼	70	61 - 120	2	30
Indeno[1,2,3-cd]pyrene	0.032	J	3.65	4.38		mg/Kg	☼	119	62 - 130	4	30
Isophorone	0.10	U	3.65	2.58		mg/Kg	☼	71	67 - 120	0	30
Naphthalene	0.71		3.65	3.52		mg/Kg	☼	77	63 - 120	22	30
Nitrobenzene	0.020	U	3.65	2.68		mg/Kg	☼	73	63 - 120	2	30
N-Nitrosodi-n-propylamine	0.026	U	3.65	2.39		mg/Kg	☼	65	61 - 120	0	30
N-Nitrosodiphenylamine	0.030	U	3.65	3.28		mg/Kg	☼	90	63 - 120	4	30
Pentachlorophenol	0.074	U	7.30	4.43		mg/Kg	☼	61	37 - 126	15	30
Phenanthrene	0.12	J	3.65	3.43		mg/Kg	☼	91	66 - 120	3	30
Phenol	0.013	U	3.65	2.77		mg/Kg	☼	76	63 - 120	1	30
Pyrene	0.069	J	3.65	3.79		mg/Kg	☼	102	61 - 121	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*
2-Fluorobiphenyl	*80*		*22 - 122*
2-Fluorophenol (Surr)	*64*		*18 - 123*
Nitrobenzene-d5 (Surr)	*63*		*16 - 125*
Phenol-d5 (Surr)	*64*		*23 - 120*
Terphenyl-d14 (Surr)	*95*		*25 - 126*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an Estimated Value for TICs

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: J.M. Sorge, Inc.
Project/Site: 47 Broadway

Job ID: 460-258917-1

GC/MS VOA

Prep Batch: 846946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-258917-1	UST-1-A	Total/NA	Solid	5035	
460-258917-2	UST-1-B	Total/NA	Solid	5035	
LB3 460-846946/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 847356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-258917-1	UST-1-A	Total/NA	Solid	8260D	846946
460-258917-2	UST-1-B	Total/NA	Solid	8260D	846946
MB 460-847356/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-847356/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-847356/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 847741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-846946/1-A	Method Blank	Total/NA	Solid	8260D	846946
MB 460-847741/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-847741/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-847741/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 847011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-258917-1	UST-1-A	Total/NA	Solid	3546	
460-258917-2	UST-1-B	Total/NA	Solid	3546	
MB 460-847011/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-847011/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-847011/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-138294-B-45-A MS	Matrix Spike	Total/NA	Solid	3546	
180-138294-B-45-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 847119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-258917-1	UST-1-A	Total/NA	Solid	8270E	847011
460-258917-2	UST-1-B	Total/NA	Solid	8270E	847011
MB 460-847011/1-A	Method Blank	Total/NA	Solid	8270E	847011
LCS 460-847011/2-A	Lab Control Sample	Total/NA	Solid	8270E	847011
LCSD 460-847011/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	847011
180-138294-B-45-A MS	Matrix Spike	Total/NA	Solid	8270E	847011
180-138294-B-45-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	847011

General Chemistry

Analysis Batch: 847125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-258917-1	UST-1-A	Total/NA	Solid	Moisture	
460-258917-2	UST-1-B	Total/NA	Solid	Moisture	
460-258970-A-4 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: J.M. Sorge, Inc.
Project/Site: 47 Broadway

Job ID: 460-258917-1

Client Sample ID: UST-1-A
Date Collected: 05/25/22 11:45
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	847125	05/27/22 18:44	CJC	TAL EDI

Client Sample ID: UST-1-A
Date Collected: 05/25/22 11:45
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-1
Matrix: Solid
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			846946	05/26/22 23:55	JJC	TAL EDI
Total/NA	Analysis	8260D		1	847356	05/31/22 13:42	EMM	TAL EDI
Total/NA	Prep	3546			847011	05/27/22 11:26	OTS	TAL EDI
Total/NA	Analysis	8270E		1	847119	05/28/22 01:03	YAH	TAL EDI

Client Sample ID: UST-1-B
Date Collected: 05/25/22 11:55
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	847125	05/27/22 18:44	CJC	TAL EDI

Client Sample ID: UST-1-B
Date Collected: 05/25/22 11:55
Date Received: 05/26/22 19:30

Lab Sample ID: 460-258917-2
Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			846946	05/26/22 23:57	JJC	TAL EDI
Total/NA	Analysis	8260D		1	847356	05/31/22 13:19	EMM	TAL EDI
Total/NA	Prep	3546			847011	05/27/22 11:26	OTS	TAL EDI
Total/NA	Analysis	8270E		1	847119	05/28/22 01:27	YAH	TAL EDI

Laboratory References:
TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: J.M. Sorge, Inc.
Job ID: 460-258917-1
Project/Site: 47 Broadway

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
UST-1-A	460-258917-1	115	105	91	100
UST-1-B	460-258917-2	101	95	83	86
	MB 460-847356/8	121	109	90	103
	MB 460-847741/7	107	99	100	102
	LB3 460-846946/1-A	105	96	100	105
	LCS 460-847356/4	114	109	90	101
	LCS 460-847741/3	103	98	102	101
	LCSD 460-847356/5	109	101	89	99
	LCSD 460-847741/4	104	98	103	103

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-139
DCA = 1,2-Dichloroethane-d4 (Surr)	72-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	75-139

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B88097.D

Lab ID: LCS 460-847356/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	20.0	100	63-130	
Bromomethane	20.0	23.9	120	64-150	
Vinyl chloride	20.0	22.6	113	72-131	
Chloroethane	20.0	22.8	114	68-132	
Methylene Chloride	20.0	22.8	114	76-120	
Acetone	100	120	120	63-131	
Carbon disulfide	20.0	25.3	127	76-120	*+
Trichlorofluoromethane	20.0	25.0	125	76-142	
1,1-Dichloroethene	20.0	25.8	129	70-132	
1,1-Dichloroethane	20.0	23.9	119	77-129	
trans-1,2-Dichloroethene	20.0	26.9	135	78-120	*+
cis-1,2-Dichloroethene	20.0	22.5	112	80-123	
Chloroform	20.0	22.1	111	79-126	
1,2-Dichloroethane	20.0	20.1	100	75-123	
2-Butanone (MEK)	100	115	115	75-120	
1,1,1-Trichloroethane	20.0	24.3	121	78-120	*+
Carbon tetrachloride	20.0	24.3	122	77-121	*+
Dichlorobromomethane	20.0	20.7	103	73-124	
1,2-Dichloropropane	20.0	20.2	101	73-124	
cis-1,3-Dichloropropene	20.0	16.3	82	80-120	
Trichloroethene	20.0	21.8	109	79-120	
Chlorodibromomethane	20.0	19.1	95	80-120	
1,1,2-Trichloroethane	20.0	16.7	84	80-120	
Benzene	20.0	17.2	86	80-123	
trans-1,3-Dichloropropene	20.0	17.9	89	80-120	
Bromoform	20.0	21.0	105	70-125	
4-Methyl-2-pentanone (MIBK)	100	104	104	80-122	
2-Hexanone	100	105	105	70-128	
Tetrachloroethene	20.0	20.9	104	78-123	
1,1,2,2-Tetrachloroethane	20.0	17.3	86	66-123	
Toluene	20.0	17.9	90	80-120	
Chlorobenzene	20.0	20.3	102	80-120	
Ethylbenzene	20.0	20.1	101	76-120	
Styrene	20.0	20.3	101	80-120	
m-Xylene & p-Xylene	20.0	19.5	97	80-120	
o-Xylene	20.0	18.9	95	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	26.6	133	75-141	
Methyl tert-butyl ether	20.0	24.3	122	80-125	
Cyclohexane	20.0	22.4	112	70-132	
Ethylene Dibromide	20.0	19.4	97	79-120	
1,3-Dichlorobenzene	20.0	20.2	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B88097.D

Lab ID: LCS 460-847356/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	19.0	95	80-120	
1,2-Dichlorobenzene	20.0	20.0	100	80-120	
Dichlorodifluoromethane	20.0	20.3	102	62-150	
1,2,4-Trichlorobenzene	20.0	20.1	100	68-150	
1,2,3-Trichlorobenzene	20.0	19.9	100	44-120	
1,2-Dibromo-3-Chloropropane	20.0	18.6	93	60-124	
Chlorobromomethane	20.0	23.3	117	76-127	
Isopropylbenzene	20.0	19.5	97	80-120	
Methyl acetate	40.0	45.0	113	58-143	
Methylcyclohexane	20.0	22.0	110	70-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K34597.D

Lab ID: LCS 460-847741/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.8	99	63-130	
Bromomethane	20.0	22.3	112	64-150	
Vinyl chloride	20.0	21.4	107	72-131	
Chloroethane	20.0	21.3	106	68-132	
Methylene Chloride	20.0	18.0	90	76-120	
Acetone	100	74.9	75	63-131	
Carbon disulfide	20.0	20.3	101	76-120	
Trichlorofluoromethane	20.0	22.1	111	76-142	
1,1-Dichloroethene	20.0	19.9	99	70-132	
1,1-Dichloroethane	20.0	18.8	94	77-129	
trans-1,2-Dichloroethene	20.0	20.3	101	78-120	
cis-1,2-Dichloroethene	20.0	19.5	97	80-123	
Chloroform	20.0	19.2	96	79-126	
1,2-Dichloroethane	20.0	17.4	87	75-123	
2-Butanone (MEK)	100	103	103	75-120	
1,1,1-Trichloroethane	20.0	20.3	101	78-120	
Carbon tetrachloride	20.0	20.0	100	77-121	
Dichlorobromomethane	20.0	17.7	89	73-124	
1,2-Dichloropropane	20.0	17.8	89	73-124	
cis-1,3-Dichloropropene	20.0	17.2	86	80-120	
Trichloroethene	20.0	19.9	99	79-120	
Chlorodibromomethane	20.0	16.6	83	80-120	
1,1,2-Trichloroethane	20.0	18.7	94	80-120	
Benzene	20.0	19.8	99	80-123	
trans-1,3-Dichloropropene	20.0	17.0	85	80-120	
Bromoform	20.0	15.9	80	70-125	
4-Methyl-2-pentanone (MIBK)	100	95.9	96	80-122	
2-Hexanone	100	95.9	96	70-128	
Tetrachloroethene	20.0	20.6	103	78-123	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	66-123	
Toluene	20.0	19.3	96	80-120	
Chlorobenzene	20.0	19.3	96	80-120	
Ethylbenzene	20.0	19.5	97	76-120	
Styrene	20.0	18.0	90	80-120	
m-Xylene & p-Xylene	20.0	18.6	93	80-120	
o-Xylene	20.0	18.8	94	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.9	114	75-141	
Methyl tert-butyl ether	20.0	18.2	91	80-125	
Cyclohexane	20.0	20.5	102	70-132	
Ethylene Dibromide	20.0	17.1	86	79-120	
1,3-Dichlorobenzene	20.0	19.6	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K34597.D

Lab ID: LCS 460-847741/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	20.2	101	80-120	
1,2-Dichlorobenzene	20.0	20.4	102	80-120	
Dichlorodifluoromethane	20.0	20.4	102	62-150	
1,2,4-Trichlorobenzene	20.0	21.5	107	68-150	
1,2,3-Trichlorobenzene	20.0	21.6	108	44-120	
1,2-Dibromo-3-Chloropropane	20.0	19.5	98	60-124	
Chlorobromomethane	20.0	18.9	95	76-127	
Isopropylbenzene	20.0	20.5	103	80-120	
Methyl acetate	40.0	35.1	88	58-143	
Methylcyclohexane	20.0	19.7	98	70-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B88098.D

Lab ID: LCSD 460-847356/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	19.2	96	4	30	63-130	
Bromomethane	20.0	22.4	112	7	30	64-150	
Vinyl chloride	20.0	20.4	102	10	30	72-131	
Chloroethane	20.0	22.9	115	0	30	68-132	
Methylene Chloride	20.0	21.7	108	5	30	76-120	
Acetone	100	115	115	4	30	63-131	
Carbon disulfide	20.0	25.2	126	0	30	76-120	*+
Trichlorofluoromethane	20.0	23.9	119	5	30	76-142	
1,1-Dichloroethene	20.0	25.2	126	2	30	70-132	
1,1-Dichloroethane	20.0	22.8	114	5	30	77-129	
trans-1,2-Dichloroethene	20.0	23.8	119	12	30	78-120	
cis-1,2-Dichloroethene	20.0	21.8	109	3	30	80-123	
Chloroform	20.0	22.1	111	0	30	79-126	
1,2-Dichloroethane	20.0	20.5	102	2	30	75-123	
2-Butanone (MEK)	100	113	113	2	30	75-120	
1,1,1-Trichloroethane	20.0	23.6	118	3	30	78-120	
Carbon tetrachloride	20.0	24.7	124	1	30	77-121	*+
Dichlorobromomethane	20.0	21.3	107	3	30	73-124	
1,2-Dichloropropane	20.0	20.2	101	0	30	73-124	
cis-1,3-Dichloropropene	20.0	17.9	89	9	30	80-120	
Trichloroethene	20.0	21.7	108	1	30	79-120	
Chlorodibromomethane	20.0	20.5	102	7	30	80-120	
1,1,2-Trichloroethane	20.0	17.5	87	5	30	80-120	
Benzene	20.0	16.9	84	2	30	80-123	
trans-1,3-Dichloropropene	20.0	17.7	88	1	30	80-120	
Bromoform	20.0	21.0	105	0	30	70-125	
4-Methyl-2-pentanone (MIBK)	100	102	102	2	30	80-122	
2-Hexanone	100	109	109	3	30	70-128	
Tetrachloroethene	20.0	21.2	106	2	30	78-123	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	0	30	66-123	
Toluene	20.0	18.7	94	4	30	80-120	
Chlorobenzene	20.0	20.1	101	1	30	80-120	
Ethylbenzene	20.0	19.9	100	1	30	76-120	
Styrene	20.0	20.5	103	1	30	80-120	
m-Xylene & p-Xylene	20.0	20.4	102	5	30	80-120	
o-Xylene	20.0	18.7	94	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.5	127	4	30	75-141	
Methyl tert-butyl ether	20.0	22.9	115	6	30	80-125	
Cyclohexane	20.0	22.1	110	2	30	70-132	
Ethylene Dibromide	20.0	20.0	100	3	30	79-120	
1,3-Dichlorobenzene	20.0	20.5	102	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B88098.D

Lab ID: LCSD 460-847356/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	20.0	100	5	30	80-120	
1,2-Dichlorobenzene	20.0	19.8	99	1	30	80-120	
Dichlorodifluoromethane	20.0	19.8	99	3	30	62-150	
1,2,4-Trichlorobenzene	20.0	21.1	106	5	30	68-150	
1,2,3-Trichlorobenzene	20.0	20.4	102	2	30	44-120	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	1	30	60-124	
Chlorobromomethane	20.0	22.8	114	3	30	76-127	
Isopropylbenzene	20.0	19.7	99	1	30	80-120	
Methyl acetate	40.0	43.3	108	4	30	58-143	
Methylcyclohexane	20.0	22.1	111	0	30	70-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K34598.D

Lab ID: LCSD 460-847741/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	20.3	101	2	30	63-130	
Bromomethane	20.0	21.9	110	2	30	64-150	
Vinyl chloride	20.0	21.3	106	1	30	72-131	
Chloroethane	20.0	22.3	111	4	30	68-132	
Methylene Chloride	20.0	19.3	96	7	30	76-120	
Acetone	100	87.5	88	16	30	63-131	
Carbon disulfide	20.0	20.7	104	2	30	76-120	
Trichlorofluoromethane	20.0	22.6	113	2	30	76-142	
1,1-Dichloroethene	20.0	20.5	102	3	30	70-132	
1,1-Dichloroethane	20.0	20.1	101	7	30	77-129	
trans-1,2-Dichloroethene	20.0	21.2	106	5	30	78-120	
cis-1,2-Dichloroethene	20.0	20.7	103	6	30	80-123	
Chloroform	20.0	21.0	105	9	30	79-126	
1,2-Dichloroethane	20.0	19.4	97	11	30	75-123	
2-Butanone (MEK)	100	125	125	20	30	75-120	*+
1,1,1-Trichloroethane	20.0	21.3	107	5	30	78-120	
Carbon tetrachloride	20.0	21.0	105	5	30	77-121	
Dichlorobromomethane	20.0	20.0	100	12	30	73-124	
1,2-Dichloropropane	20.0	19.6	98	10	30	73-124	
cis-1,3-Dichloropropene	20.0	19.9	99	14	30	80-120	
Trichloroethene	20.0	21.6	108	8	30	79-120	
Chlorodibromomethane	20.0	19.8	99	18	30	80-120	
1,1,2-Trichloroethane	20.0	22.0	110	16	30	80-120	
Benzene	20.0	21.4	107	8	30	80-123	
trans-1,3-Dichloropropene	20.0	20.0	100	16	30	80-120	
Bromoform	20.0	19.7	99	21	30	70-125	
4-Methyl-2-pentanone (MIBK)	100	118	118	20	30	80-122	
2-Hexanone	100	115	115	18	30	70-128	
Tetrachloroethene	20.0	23.0	115	11	30	78-123	
1,1,2,2-Tetrachloroethane	20.0	22.3	112	16	30	66-123	
Toluene	20.0	21.5	108	11	30	80-120	
Chlorobenzene	20.0	22.5	113	16	30	80-120	
Ethylbenzene	20.0	22.2	111	13	30	76-120	
Styrene	20.0	21.7	109	19	30	80-120	
m-Xylene & p-Xylene	20.0	21.1	106	13	30	80-120	
o-Xylene	20.0	22.2	111	17	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.7	114	1	30	75-141	
Methyl tert-butyl ether	20.0	19.4	97	7	30	80-125	
Cyclohexane	20.0	21.1	105	3	30	70-132	
Ethylene Dibromide	20.0	20.1	100	16	30	79-120	
1,3-Dichlorobenzene	20.0	22.9	114	15	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K34598.D

Lab ID: LCSD 460-847741/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	23.7	118	16	30	80-120	
1,2-Dichlorobenzene	20.0	23.9	120	16	30	80-120	
Dichlorodifluoromethane	20.0	21.6	108	5	30	62-150	
1,2,4-Trichlorobenzene	20.0	24.7	124	14	30	68-150	
1,2,3-Trichlorobenzene	20.0	24.6	123	13	30	44-120	*+
1,2-Dibromo-3-Chloropropane	20.0	23.0	115	16	30	60-124	
Chlorobromomethane	20.0	20.6	103	8	30	76-127	
Isopropylbenzene	20.0	23.4	117	13	30	80-120	
Methyl acetate	40.0	42.7	107	20	30	58-143	
Methylcyclohexane	20.0	20.2	101	3	30	70-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab File ID: B88101.D Lab Sample ID: MB 460-847356/8

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

Instrument ID: CVOAMS2 Date Analyzed: 05/31/2022 08:31

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-847356/4	B88097.D	05/31/2022 06:20
	LCSD 460-847356/5	B88098.D	05/31/2022 07:08
UST-1-B	460-258917-2	B88112.D	05/31/2022 13:19
UST-1-A	460-258917-1	B88113.D	05/31/2022 13:42

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab File ID: K34601.D Lab Sample ID: MB 460-847741/7

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

Instrument ID: CVOAMS9 Date Analyzed: 06/02/2022 06:26

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 460-847741/3	K34597.D	06/02/2022 04:38
	LCSD 460-847741/4	K34598.D	06/02/2022 05:01
	LB3 460-846946/1-A	K34610.D	06/02/2022 09:44

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab File ID: B87418.D BFB Injection Date: 05/18/2022

Instrument ID: CVOAMS2 BFB Injection Time: 11:35

Analysis Batch No.: 845196

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	126.4
96	5 - 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.8
174	50 - 200% of m/z 95	79.1
175	5 - 9% of m/z 174	8.3
176	95 -105% of m/z 174	97.5
177	5 - 10% of m/z 176	6.5

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-845196/4	B87421.D	05/18/2022	12:48
	STD5 460-845196/5	B87422.D	05/18/2022	13:10
	STD20 460-845196/6	B87423.D	05/18/2022	13:32
	STD50 460-845196/7	B87424.D	05/18/2022	13:54
	STD200 460-845196/8	B87425.D	05/18/2022	14:16
	STD500 460-845196/9	B87426.D	05/18/2022	14:38
	ICV 460-845196/16	B87433.D	05/18/2022	17:13

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab File ID: K34448.D BFB Injection Date: 05/25/2022

Instrument ID: CVOAMS9 BFB Injection Time: 10:41

Analysis Batch No.: 846571

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	112.5
96	5 - 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.8
174	50 - 200% of m/z 95	88.9
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	96.4
177	5 - 10% of m/z 176	6.3

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
	STD1 460-846571/3	K34450.D	05/25/2022	11:48
	STD5 460-846571/4	K34451.D	05/25/2022	12:10
	STD20 460-846571/5	K34452.D	05/25/2022	12:31
	STD50 460-846571/6	K34453.D	05/25/2022	12:53
	STD200 460-846571/7	K34454.D	05/25/2022	13:15
	STD500 460-846571/8	K34455.D	05/25/2022	13:37
	ICV 460-846571/17	K34464.D	05/25/2022	16:55

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: STD20 460-845196/6 Date Analyzed: 05/18/2022 13:32

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B87423.D Heated Purge: (Y/N) Y

Calibration ID: 90509

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		311486	1.54	280626	2.28	568641	3.31
UPPER LIMIT		622972	2.04	561252	2.78	1137282	3.81
LOWER LIMIT		155743	1.04	140313	1.78	284321	2.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-845196/16		336647	1.53	305032	2.28	528489	3.31

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: STD20 460-845196/6 Date Analyzed: 05/18/2022 13:32

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B87423.D Heated Purge: (Y/N) Y

Calibration ID: 90509

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23299	4.11	405089	7.64	218736	11.95
UPPER LIMIT		46598	4.61	810178	8.14	437472	12.45
LOWER LIMIT		11650	3.61	202545	7.14	109368	11.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-845196/16		23288	4.11	374840	7.64	205174	11.95

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: CCVIS 460-847356/3 Date Analyzed: 05/31/2022 05:57

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B88096.D Heated Purge: (Y/N) Y

Calibration ID: 90509

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		431314	1.54	292977	2.28	686405	3.31
UPPER LIMIT		862628	2.04	585954	2.78	1372810	3.81
LOWER LIMIT		215657	1.04	146489	1.78	343203	2.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-847356/4		388724	1.54	287240	2.28	697075	3.31
LCSD 460-847356/5		441411	1.53	331122	2.28	818461	3.31
MB 460-847356/8		373776	1.53	272064	2.28	679312	3.31
460-258917-2	UST-1-B	336207	1.53	246581	2.28	682425	3.31
460-258917-1	UST-1-A	336788	1.55	251644	2.28	695186	3.32

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

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: CCVIS 460-847356/3 Date Analyzed: 05/31/2022 05:57

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B88096.D Heated Purge: (Y/N) Y

Calibration ID: 90509

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		33195	4.11	585317	7.64	333287	11.95
UPPER LIMIT		66390	4.61	1170634	8.14	666574	12.45
LOWER LIMIT		16598	3.61	292659	7.14	166644	11.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-847356/4		26840	4.11	594742	7.64	350684	11.95
LCSD 460-847356/5		36718	4.12	686982	7.64	392300	11.95
MB 460-847356/8		21562	4.12	581844	7.63	307465	11.95
460-258917-2	UST-1-B	17181	4.12	534466	7.64	294660	11.95
460-258917-1	UST-1-A	17426	4.14	540872	7.64	291748	11.95

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: STD20 460-846571/5 Date Analyzed: 05/25/2022 12:31

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K34452.D Heated Purge: (Y/N) Y

Calibration ID: 90554

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		352251	2.43	209465	3.32	468489	4.43
UPPER LIMIT		704502	2.93	418930	3.82	936978	4.93
LOWER LIMIT		176126	1.93	104733	2.82	234245	3.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-846571/17		306044	2.43	178504	3.29	411017	4.43

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: STD20 460-846571/5 Date Analyzed: 05/25/2022 12:31

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K34452.D Heated Purge: (Y/N) Y

Calibration ID: 90554

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28793	5.16	354830	8.23	214907	10.88
UPPER LIMIT		57586	5.66	709660	8.73	429814	11.38
LOWER LIMIT		14397	4.66	177415	7.73	107454	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-846571/17		25256	5.17	317859	8.23	192205	10.88

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: CCVIS 460-847741/2 Date Analyzed: 06/02/2022 04:16

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K34596.D Heated Purge: (Y/N) Y

Calibration ID: 90554

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		351258	2.44	200396	3.32	504146	4.44
UPPER LIMIT		702516	2.94	400792	3.82	1008292	4.94
LOWER LIMIT		175629	1.94	100198	2.82	252073	3.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-847741/3		337957	2.44	193585	3.31	497690	4.43
LCSD 460-847741/4		344244	2.45	204511	3.33	531525	4.44
MB 460-847741/7		297615	2.44	173116	3.31	466259	4.43
LB3 460-846946/1-A		271200	2.43	157332	3.31	478282	4.43

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: CCVIS 460-847741/2 Date Analyzed: 06/02/2022 04:16

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K34596.D Heated Purge: (Y/N) Y

Calibration ID: 90554

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27792	5.16	378436	8.23	238963	10.88
UPPER LIMIT		55584	5.66	756872	8.73	477926	11.38
LOWER LIMIT		13896	4.66	189218	7.73	119482	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-847741/3		28227	5.16	383181	8.23	235803	10.88
LCSD 460-847741/4		27461	5.16	398666	8.23	252518	10.88
MB 460-847741/7		26610	5.16	357559	8.23	227515	10.88
LB3 460-846946/1-A		23296	5.15	364323	8.23	232230	10.88

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 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-A | Lab Sample ID: 460-258917-1

Matrix: Solid | Lab File ID: B88113.D

Analysis Method: 8260D | Date Collected: 05/25/2022 11:45

Sample wt/vol: 4.74(g) | Date Analyzed: 05/31/2022 13:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 23.0 % Solids: 77.0 | Level: (low/med) Low

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.60	U	1.4	0.60
74-83-9	Bromomethane	1.4	U	2.7	1.4
75-01-4	Vinyl chloride	0.75	U	1.4	0.75
75-00-3	Chloroethane	0.72	U	1.4	0.72
75-09-2	Methylene Chloride	1.6	U	2.7	1.6
67-64-1	Acetone	7.8	U	8.2	7.8
75-15-0	Carbon disulfide	0.36	U *+	1.4	0.36
75-69-4	Trichlorofluoromethane	0.56	U	1.4	0.56
75-35-4	1,1-Dichloroethene	0.31	U	1.4	0.31
75-34-3	1,1-Dichloroethane	0.28	U	1.4	0.28
156-60-5	trans-1,2-Dichloroethene	0.34	U *+	1.4	0.34
156-59-2	cis-1,2-Dichloroethene	0.49	U	1.4	0.49
67-66-3	Chloroform	1.3	U	1.4	1.3
107-06-2	1,2-Dichloroethane	0.41	U	1.4	0.41
78-93-3	2-Butanone (MEK)	0.50	U	6.9	0.50
71-55-6	1,1,1-Trichloroethane	0.32	U *+	1.4	0.32
56-23-5	Carbon tetrachloride	0.53	U *+	1.4	0.53
75-27-4	Dichlorobromomethane	0.35	U	1.4	0.35
78-87-5	1,2-Dichloropropane	0.58	U	1.4	0.58
10061-01-5	cis-1,3-Dichloropropene	0.37	U	1.4	0.37
79-01-6	Trichloroethene	0.44	U	1.4	0.44
124-48-1	Chlorodibromomethane	0.27	U	1.4	0.27
79-00-5	1,1,2-Trichloroethane	0.24	U	1.4	0.24
71-43-2	Benzene	0.35	U	1.4	0.35
10061-02-6	trans-1,3-Dichloropropene	0.36	U	1.4	0.36
75-25-2	Bromoform	0.58	U	1.4	0.58
108-10-1	4-Methyl-2-pentanone (MIBK)	2.1	U	6.9	2.1
591-78-6	2-Hexanone	2.3	U	6.9	2.3
127-18-4	Tetrachloroethene	0.42	U	1.4	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.29	U	1.4	0.29
108-88-3	Toluene	0.32	U	1.4	0.32
108-90-7	Chlorobenzene	0.24	U	1.4	0.24
100-41-4	Ethylbenzene	0.27	U	1.4	0.27
100-42-5	Styrene	0.38	U	1.4	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-A | Lab Sample ID: 460-258917-1

Matrix: Solid | Lab File ID: B88113.D

Analysis Method: 8260D | Date Collected: 05/25/2022 11:45

Sample wt/vol: 4.74(g) | Date Analyzed: 05/31/2022 13:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 23.0 % Solids: 77.0 | Level: (low/med) Low

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	0.24	U	1.4	0.24
95-47-6	o-Xylene	0.27	U	1.4	0.27
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.4	0.41
1634-04-4	Methyl tert-butyl ether	0.70	U	1.4	0.70
110-82-7	Cyclohexane	0.30	U	1.4	0.30
106-93-4	Ethylene Dibromide	0.25	U	1.4	0.25
541-73-1	1,3-Dichlorobenzene	0.50	U	1.4	0.50
106-46-7	1,4-Dichlorobenzene	0.31	U	1.4	0.31
95-50-1	1,2-Dichlorobenzene	0.49	U	1.4	0.49
75-71-8	Dichlorodifluoromethane	0.46	U	1.4	0.46
120-82-1	1,2,4-Trichlorobenzene	0.49	U	1.4	0.49
87-61-6	1,2,3-Trichlorobenzene	0.25	U	1.4	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	0.63	U	1.4	0.63
74-97-5	Chlorobromomethane	0.39	U	1.4	0.39
98-82-8	Isopropylbenzene	0.39	U	1.4	0.39
79-20-9	Methyl acetate	5.9	U	6.9	5.9
108-87-2	Methylcyclohexane	0.68	U	1.4	0.68

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		72-145
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	115		73-139

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-A | Lab Sample ID: 460-258917-1

Matrix: Solid | Lab File ID: B88113.D

Analysis Method: 8260D | Date Collected: 05/25/2022 11:45

Sample wt/vol: 4.74(g) | Date Analyzed: 05/31/2022 13:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 23.0 % Solids: 77.0 | Level: (low/med) Low

Analysis Batch No.: 847356 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88113.D
Lims ID: 460-258917-D-1-A
Client ID: UST-1-A
Sample Type: Client
Inject. Date: 31-May-2022 13:42:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-258917-D-1-A
Misc. Info.: 460-0145937-020
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-May-2022 14:12:57 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: martineze Date: 31-May-2022 14:24:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.551	1.538	0.013	0	336788	1000.0	
* 40 2-Butanone-d5	46	2.282	2.276	0.006	0	251644	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	98	174014	57.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.971	0.012	0	151478	52.3	
* 60 Fluorobenzene	96	3.319	3.306	0.013	100	695186	50.0	
* 69 1,4-Dioxane-d8	96	4.135	4.105	0.030	0	17426	1000.0	Ma
$ 79 Toluene-d8 (Surr)	98	5.282	5.275	0.007	99	603354	45.3	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	83	540872	50.0	
$ 103 4-Bromofluorobenzene	174	9.921	9.915	0.006	96	191023	49.8	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	94	291748	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00226 Amount Added: 1.00 Units: uL Run Reagent

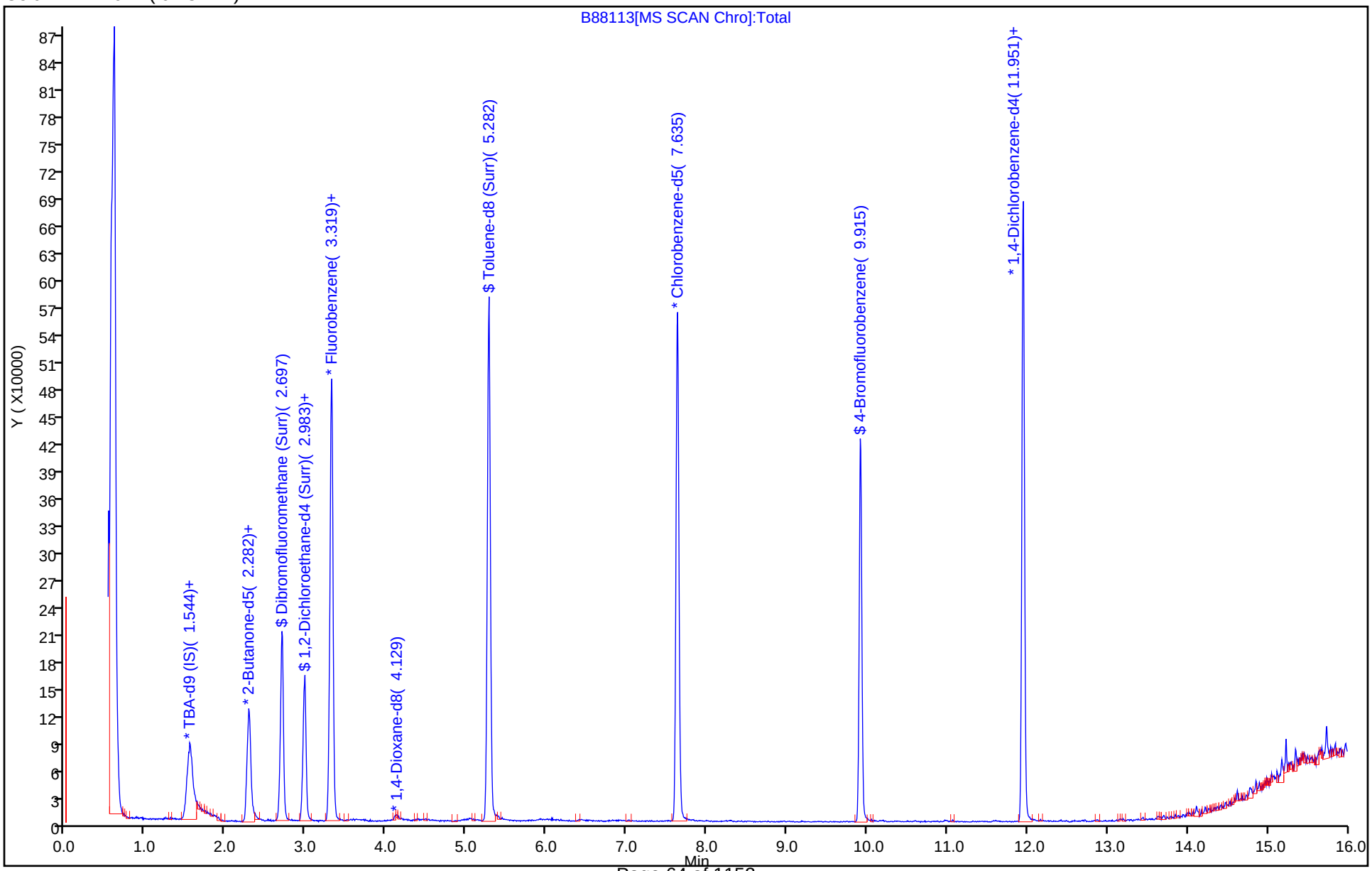
Report Date: 01-Jun-2022 14:31:46 Chrom Revision: 2.3 26-May-2022 13:30:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88113.D

Injection Date:	31-May-2022 13:42:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-258917-D-1-A	Lab Sample ID:	460-258917-1	Worklist Smp#:	20
Client ID:	UST-1-A				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88113.D
Lims ID: 460-258917-D-1-A
Client ID: UST-1-A
Sample Type: Client
Inject. Date: 31-May-2022 13:42:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-258917-D-1-A
Misc. Info.: 460-0145937-020
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-May-2022 14:12:57 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: martineze Date: 31-May-2022 14:24:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	57.6	115.12
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.64
$ 79 Toluene-d8 (Surr)	50.0	45.3	90.56
$ 103 4-Bromofluorobenzene	50.0	49.8	99.68

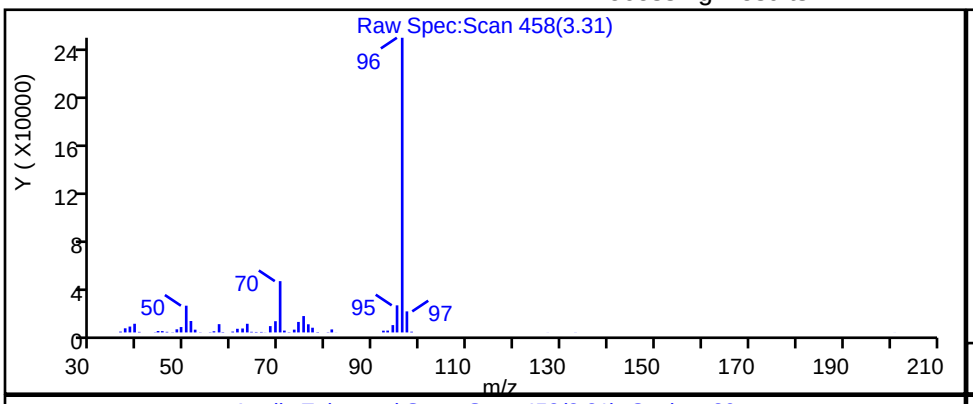
User Disabled Compound Report

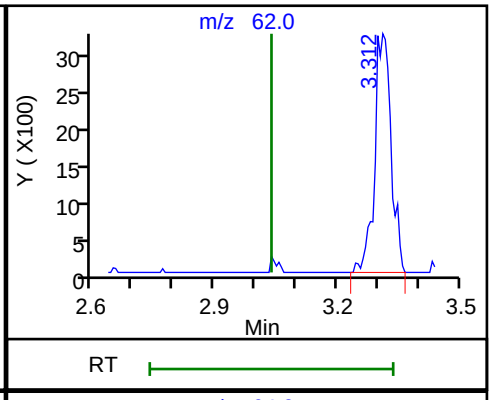
Eurofins Edison

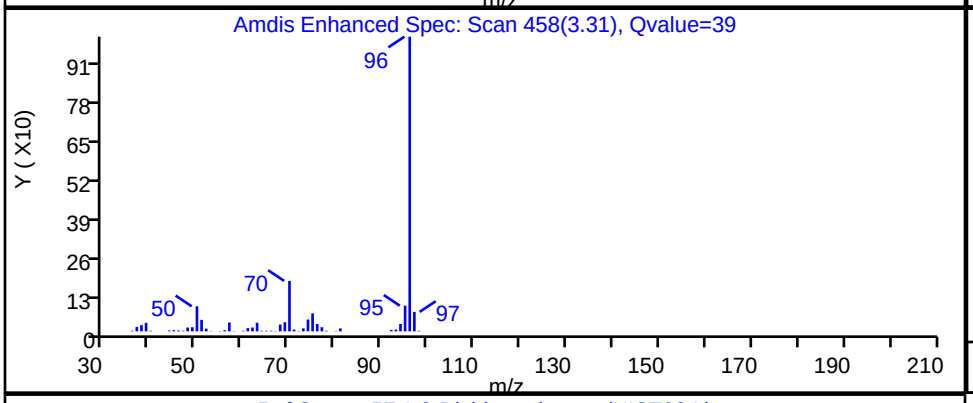
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88113.D		
Injection Date:	31-May-2022 13:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-258917-D-1-A	Lab Sample ID:	460-258917-1
Client ID:	UST-1-A		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

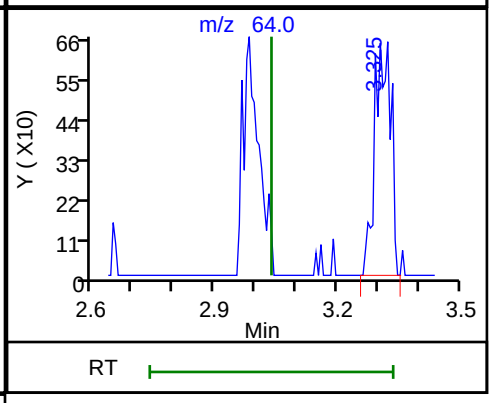
57 1,2-Dichloroethane, CAS: 107-06-2

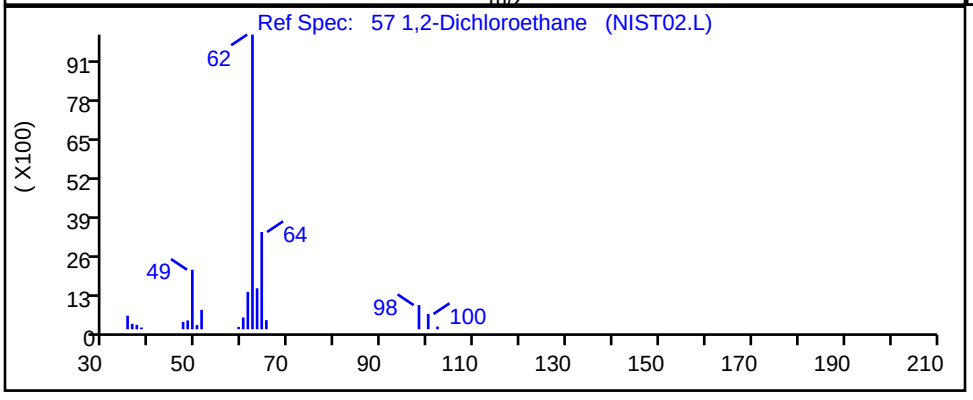
Processing Results











RT	Mass	Response	Amount
3.31	62.00	9182	2.834425
3.32	64.00	1790	

Reviewer: martineze, 31-May-2022 14:24:07

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

Manual Integration/User Assign Peak Report

Eurofins Edison

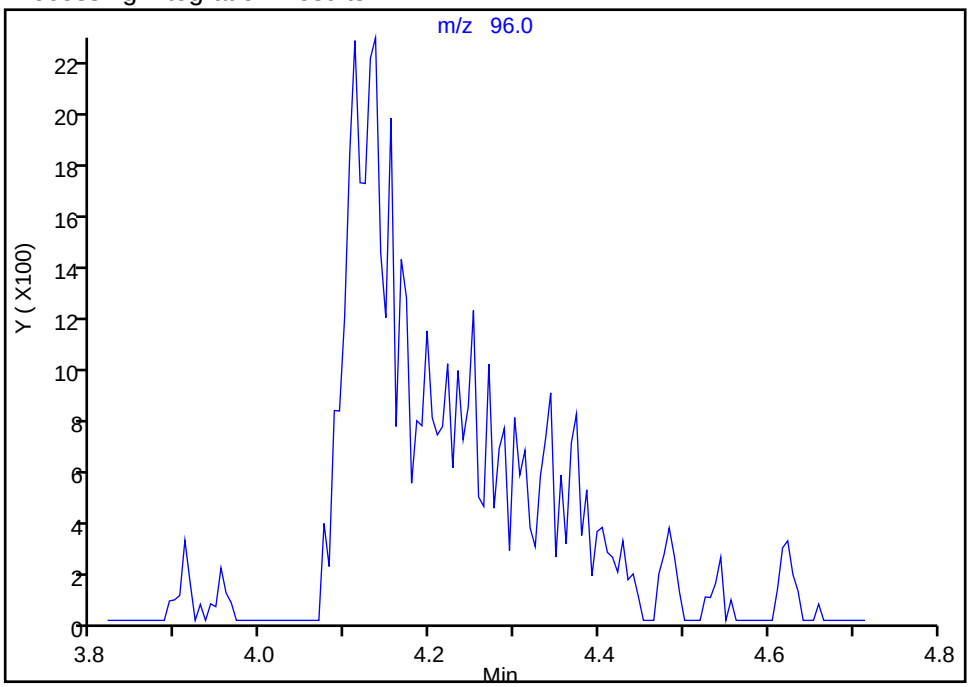
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88113.D		
Injection Date:	31-May-2022 13:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-258917-D-1-A	Lab Sample ID:	460-258917-1
Client ID:	UST-1-A		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

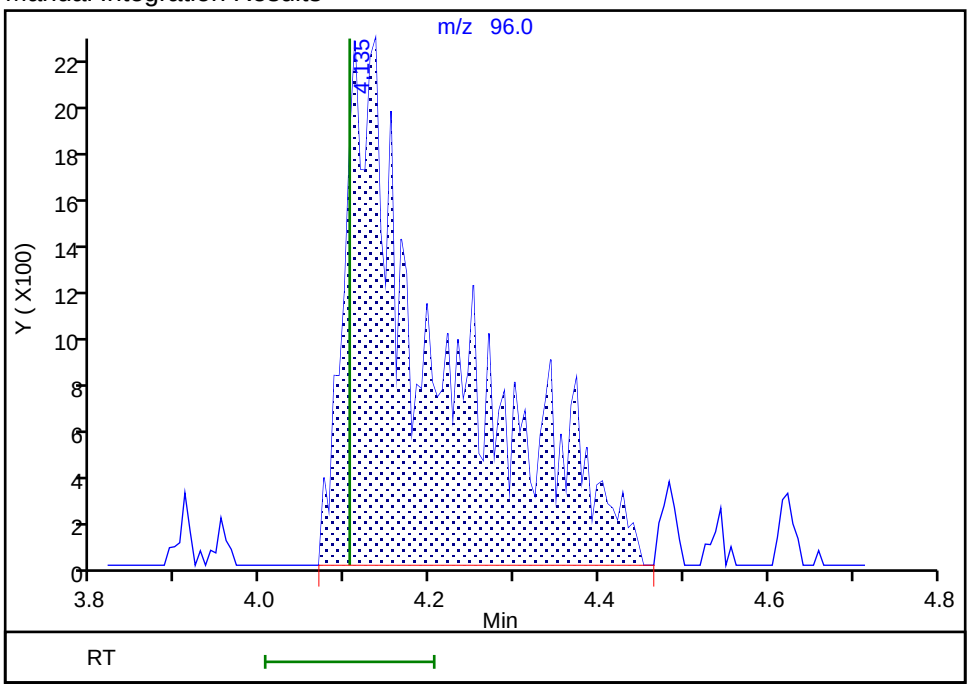
Not Detected
Expected RT: 4.10

Processing Integration Results



Manual Integration Results

RT: 4.14
Area: 17426
Amount: 1000.0000
Amount Units: ug/l



Reviewer: martineze, 31-May-2022 14:24:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-B | Lab Sample ID: 460-258917-2

Matrix: Solid | Lab File ID: B88112.D

Analysis Method: 8260D | Date Collected: 05/25/2022 11:55

Sample wt/vol: 4.60(g) | Date Analyzed: 05/31/2022 13:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 13.3 % Solids: 86.7 | Level: (low/med) Low

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.55	U	1.3	0.55
74-83-9	Bromomethane	1.3	U	2.5	1.3
75-01-4	Vinyl chloride	0.68	U	1.3	0.68
75-00-3	Chloroethane	0.65	U	1.3	0.65
75-09-2	Methylene Chloride	1.4	U	2.5	1.4
67-64-1	Acetone	7.2	U	7.5	7.2
75-15-0	Carbon disulfide	0.33	U *+	1.3	0.33
75-69-4	Trichlorofluoromethane	0.51	U	1.3	0.51
75-35-4	1,1-Dichloroethene	0.28	U	1.3	0.28
75-34-3	1,1-Dichloroethane	0.26	U	1.3	0.26
156-60-5	trans-1,2-Dichloroethene	0.31	U *+	1.3	0.31
156-59-2	cis-1,2-Dichloroethene	0.45	U	1.3	0.45
67-66-3	Chloroform	1.2	U	1.3	1.2
107-06-2	1,2-Dichloroethane	0.37	U	1.3	0.37
78-93-3	2-Butanone (MEK)	0.46	U	6.3	0.46
71-55-6	1,1,1-Trichloroethane	0.29	U *+	1.3	0.29
56-23-5	Carbon tetrachloride	0.49	U *+	1.3	0.49
75-27-4	Dichlorobromomethane	0.32	U	1.3	0.32
78-87-5	1,2-Dichloropropane	0.53	U	1.3	0.53
10061-01-5	cis-1,3-Dichloropropene	0.34	U	1.3	0.34
79-01-6	Trichloroethene	0.40	U	1.3	0.40
124-48-1	Chlorodibromomethane	0.24	U	1.3	0.24
79-00-5	1,1,2-Trichloroethane	0.22	U	1.3	0.22
71-43-2	Benzene	0.32	U	1.3	0.32
10061-02-6	trans-1,3-Dichloropropene	0.33	U	1.3	0.33
75-25-2	Bromoform	0.53	U	1.3	0.53
108-10-1	4-Methyl-2-pentanone (MIBK)	1.9	U	6.3	1.9
591-78-6	2-Hexanone	2.1	U	6.3	2.1
127-18-4	Tetrachloroethene	0.38	U	1.3	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	1.3	0.27
108-88-3	Toluene	0.29	U	1.3	0.29
108-90-7	Chlorobenzene	0.22	U	1.3	0.22
100-41-4	Ethylbenzene	0.25	U	1.3	0.25
100-42-5	Styrene	0.35	U	1.3	0.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-B | Lab Sample ID: 460-258917-2

Matrix: Solid | Lab File ID: B88112.D

Analysis Method: 8260D | Date Collected: 05/25/2022 11:55

Sample wt/vol: 4.60(g) | Date Analyzed: 05/31/2022 13:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 13.3 % Solids: 86.7 | Level: (low/med) Low

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	0.22	U	1.3	0.22
95-47-6	o-Xylene	0.24	U	1.3	0.24
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	U	1.3	0.38
1634-04-4	Methyl tert-butyl ether	0.64	U	1.3	0.64
110-82-7	Cyclohexane	0.28	U	1.3	0.28
106-93-4	Ethylene Dibromide	0.23	U	1.3	0.23
541-73-1	1,3-Dichlorobenzene	0.46	U	1.3	0.46
106-46-7	1,4-Dichlorobenzene	0.28	U	1.3	0.28
95-50-1	1,2-Dichlorobenzene	0.45	U	1.3	0.45
75-71-8	Dichlorodifluoromethane	0.42	U	1.3	0.42
120-82-1	1,2,4-Trichlorobenzene	0.45	U	1.3	0.45
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.3	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.3	0.58
74-97-5	Chlorobromomethane	0.35	U	1.3	0.35
98-82-8	Isopropylbenzene	0.36	U	1.3	0.36
79-20-9	Methyl acetate	5.4	U	6.3	5.4
108-87-2	Methylcyclohexane	0.63	U	1.3	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
2037-26-5	Toluene-d8 (Surr)	83		80-120
460-00-4	4-Bromofluorobenzene	86		75-139
1868-53-7	Dibromofluoromethane (Surr)	101		73-139

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-B | Lab Sample ID: 460-258917-2

Matrix: Solid | Lab File ID: B88112.D

Analysis Method: 8260D | Date Collected: 05/25/2022 11:55

Sample wt/vol: 4.60(g) | Date Analyzed: 05/31/2022 13:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

% Moisture: 13.3 % Solids: 86.7 | Level: (low/med) Low

Analysis Batch No.: 847356 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88112.D
Lims ID: 460-258917-E-2-A
Client ID: UST-1-B
Sample Type: Client
Inject. Date: 31-May-2022 13:19:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-258917-E-2-A
Misc. Info.: 460-0145937-019
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jun-2022 22:09:57 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: martineze Date: 31-May-2022 13:38:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.526	1.538	-0.012	0	336207	1000.0	
* 40 2-Butanone-d5	46	2.282	2.276	0.006	0	246581	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	96	149155	50.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	135493	47.7	
* 60 Fluorobenzene	96	3.312	3.306	0.006	100	682425	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.105	0.012	0	17181	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.275	5.275	0.000	99	543414	41.3	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	84	534466	50.0	
$ 103 4-Bromofluorobenzene	174	9.921	9.915	0.006	95	166696	43.1	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	94	294660	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00226 Amount Added: 1.00 Units: uL Run Reagent

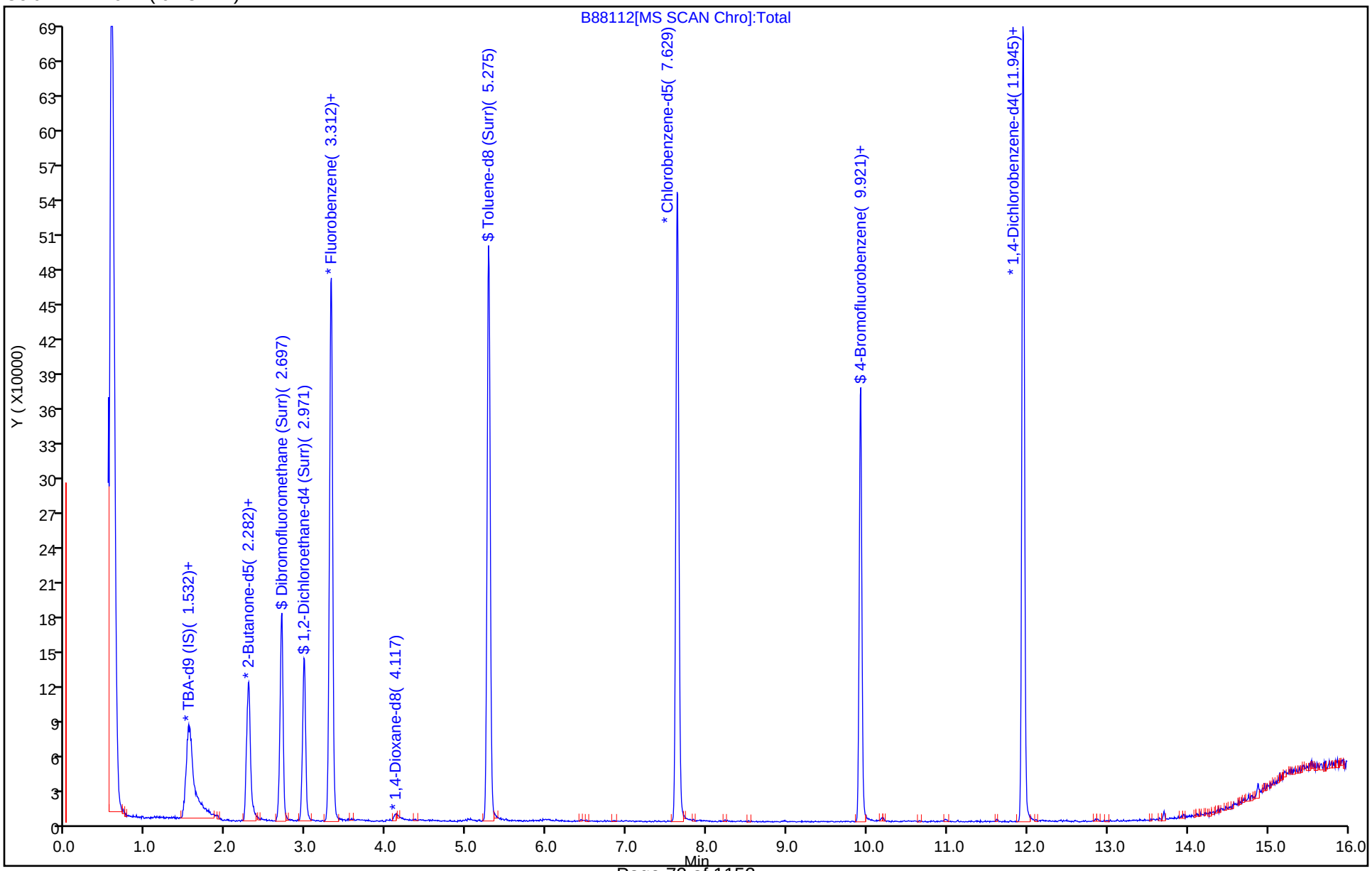
Report Date: 01-Jun-2022 22:09:57 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88112.D

Injection Date:	31-May-2022 13:19:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-258917-E-2-A	Lab Sample ID:	460-258917-2	Worklist Smp#:	19
Client ID:	UST-1-B				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 01-Jun-2022 22:09:57 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88112.D
Lims ID: 460-258917-E-2-A
Client ID: UST-1-B
Sample Type: Client
Inject. Date: 31-May-2022 13:19:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-258917-E-2-A
Misc. Info.: 460-0145937-019
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jun-2022 22:09:57 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: martineze Date: 31-May-2022 13:38:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.3	100.52
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	47.7	95.35
$ 79 Toluene-d8 (Surr)	50.0	41.3	82.54
$ 103 4-Bromofluorobenzene	50.0	43.1	86.13

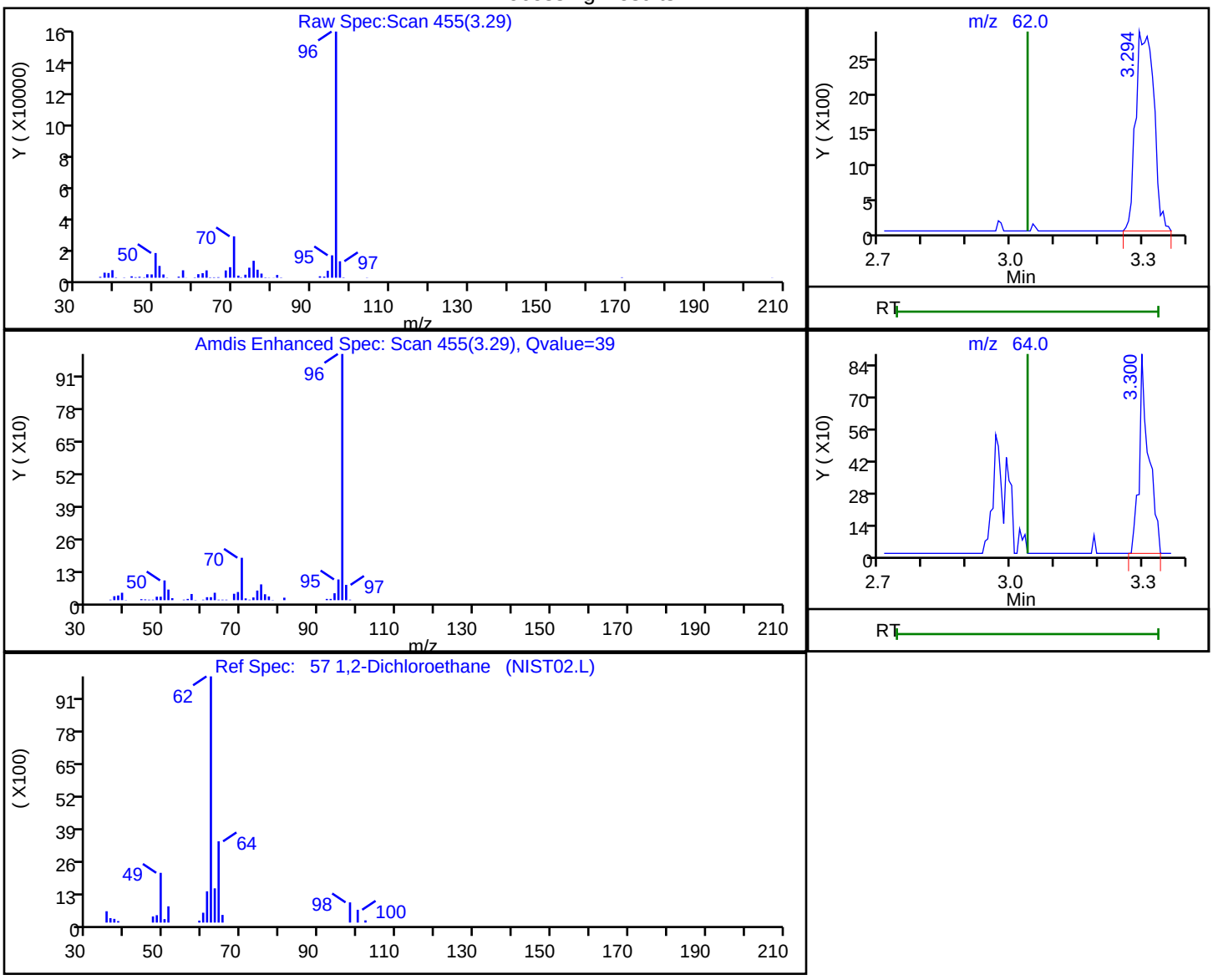
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88112.D				
Injection Date:	31-May-2022 13:19:30	Instrument ID:	CVOAMS2		
Lims ID:	460-258917-E-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.29	62.00	8293	2.607867
3.30	64.00	1333	

Reviewer: martineze, 31-May-2022 13:37:44

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-845196/4	B87421.D
Level 2	STD5 460-845196/5	B87422.D
Level 3	STD20 460-845196/6	B87423.D
Level 4	STD50 460-845196/7	B87424.D
Level 5	STD200 460-845196/8	B87425.D
Level 6	STD500 460-845196/9	B87426.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 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3256 0.2626	0.2964	0.3249	0.2923	0.2847	Ave		0.2978			0.1000	8.2		20.0			
Chlorodifluoromethane	0.0510 0.0328	0.0381	0.0420	0.0364	0.0342	Ave		0.0391				17.1		20.0			
Chloromethane	0.3426 0.3228	0.3514	0.3497	0.3211	0.3394	Ave		0.3378			0.1000	3.9		20.0			
Vinyl chloride	0.2600 0.2466	0.2509	0.2676	0.2466	0.2596	Ave		0.2552			0.1000	3.3		20.0			
Butadiene	0.2282 0.2294	0.2469	0.2391	0.2286	0.2421	Ave		0.2357				3.4		20.0			
Bromomethane	0.2182 0.1513	0.2026	0.2003	0.1799	0.1880	Ave		0.1901			0.1000	12.1		20.0			
Chloroethane	0.1379 0.1111	0.1600	0.1507	0.1315	0.1374	Ave		0.1381			0.1000	12.2		20.0			
Dichlorofluoromethane	0.4277 0.3041	0.3961	0.3734	0.3381	0.3448	Ave		0.3640				12.2		20.0			
Pentane	0.0349 0.0291	0.0332	0.0355	0.0314	0.0307	Ave		0.0325				7.7		20.0			
Trichlorofluoromethane	0.3099 0.2667	0.3178	0.3122	0.2940	0.2926	Ave		0.2989			0.1000	6.3		20.0			
Ethyl ether	0.1321 0.1106	0.1283	0.1334	0.1203	0.1199	Ave		0.1241				7.1		20.0			
Ethanol	0.0181 0.0237	0.0253	0.0157	0.0258	0.0221	Ave		0.0218				18.6		20.0			
2-Methyl-1,3-butadiene	0.1531 0.1503	0.1547	0.1762	0.1539	0.1603	Ave		0.1581				6.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.2031 0.1699	0.1845	0.2022	0.1894	0.1862	Ave		0.1892				6.5		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

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 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.2560 0.2595	0.2833	0.3107	0.2841	0.2784	Ave		0.2787				7.1		20.0			
Acrolein	0.7489 0.5900	0.7093	0.6520	0.7527	0.6333	Ave		0.6810				9.7		20.0			
1,1-Dichloroethene	0.1933 0.1731	0.1714	0.2041	0.1921	0.1794	Ave		0.1856			0.1000	7.0		20.0			
Acetone	0.4783 0.4723	0.4784	0.4602	0.4653	0.5979	Ave		0.4921			0.0500	10.6		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	0.2065 0.2025	0.2184	0.2296	0.2129	0.2084	Ave		0.2130			0.1000	4.6		20.0			
Iodomethane	0.3663 0.3322	0.3712	0.3965	0.3681	0.3514	Ave		0.3643				5.9		20.0			
Carbon disulfide	0.6294 0.6557	0.6577	0.7372	0.7028	0.6790	Ave		0.6770			0.1000	5.7		20.0			
Isopropyl alcohol	0.6454 0.5882	0.6226	0.4511	0.3908	0.5441	Ave		0.5404				18.6		20.0			
3-Chloro-1-propene	0.1988 0.2004	0.2049	0.2171	0.2086	0.2043	Ave		0.2057				3.2		20.0			
Methyl acetate	0.0980 0.1081	0.1050	0.1232	0.1083	0.1158	Ave		0.1097			0.1000	8.0		20.0			
Acetonitrile	0.5483 0.4765	0.3628	0.3606	0.5751	0.4303	Ave		0.4589				19.9		20.0			
Methylene Chloride	0.2682 0.2030	0.2339	0.2300	0.2134	0.2067	Ave		0.2259			0.1000	10.7		20.0			
2-Methyl-2-propanol	1.0850 1.0059	0.8311	0.9154	0.9828	0.9518	Ave		0.9620				8.9		20.0			
Acrylonitrile	2.7484 2.4022	2.2324	2.2481	2.5197	2.2455	Ave		2.3994				8.6		20.0			
trans-1,2-Dichloroethene	0.2378 0.1915	0.2129	0.2243	0.2089	0.1999	Ave		0.2125			0.1000	7.9		20.0			
Methyl tert-butyl ether	0.4452 0.4896	0.5303	0.5274	0.4948	0.4950	Ave		0.4970			0.1000	6.2		20.0			
Hexane	0.2328 0.2640	0.2633	0.2662	0.3145	0.2633	Ave		0.2674				9.8		20.0			
1,1-Dichloroethane	0.3034 0.3117	0.3431	0.3810	0.3800	0.3188	Ave		0.3397			0.2000	10.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

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 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.3419 0.3307	0.3999	0.3621	0.4184	0.2468	Ave		0.3500				17.3		20.0			
2-Chloro-1,3-butadiene	0.1505 0.1696	0.1808	0.2102	0.2063	0.2004	Ave		0.1863				12.6		20.0			
Isopropyl ether	0.7028 0.5217	0.6680	0.6991	0.7012	0.6697	Ave		0.6604				10.6		20.0			
Tert-butyl ethyl ether	0.2198 0.2514	0.2449	0.2533	0.2498	0.2535	Ave		0.2454				5.3		20.0			
cis-1,2-Dichloroethene	0.2842 0.2452	0.2507	0.2571	0.2502	0.2520	Ave		0.2566			0.1000	5.5		20.0			
2,2-Dichloropropane	0.1187 0.0998	0.1083	0.1082	0.1012	0.0988	Ave		0.1058				7.1		20.0			
2-Butanone (MEK)	0.2838 0.2514	0.2527	0.2326	0.2445	0.2622	Ave		0.2545			0.0500	6.8		20.0			
Propionitrile	0.2891 0.2861	0.2952	0.2658	0.2792	0.2796	Ave		0.2825				3.6		20.0			
Ethyl acetate	0.2531 0.1950	0.1967	0.1950	0.2077	0.1895	Ave		0.2062				11.5		20.0			
Methyl acrylate	0.2095 0.2050	0.1879	0.2029	0.1934	0.2015	Ave		0.2000				4.0		20.0			
Chlorobromomethane	0.1300 0.1142	0.1259	0.1299	0.1180	0.1205	Ave		0.1231				5.3		20.0			
Methacrylonitrile	0.0697 0.0753	0.0729	0.0784	0.0737	0.0770	Ave		0.0745				4.2		20.0			
Tetrahydrofuran	0.2634 0.2894	0.2743	0.2594	0.2797	0.2814	Ave		0.2746				4.1		20.0			
Chloroform	0.3556 0.3578	0.3557	0.3762	0.3660	0.3633	Ave		0.3624			0.2000	2.2		20.0			
1,1,1-Trichloroethane	0.3022 0.3091	0.2953	0.3304	0.3107	0.3115	Ave		0.3099			0.1000	3.8		20.0			
Cyclohexane	0.3006 0.3798	0.3390	0.3724	0.3617	0.3768	Ave		0.3551			0.1000	8.6		20.0			
1,1-Dichloropropene	0.2584 0.2927	0.2512	0.2831	0.2802	0.2815	Ave		0.2745				5.9		20.0			
Carbon tetrachloride	0.2522 0.2576	0.2463	0.2722	0.2582	0.2621	Ave		0.2581			0.1000	3.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

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 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.2529 1.2888	1.1790	1.2456	1.2784	1.2060	Ave		1.2418			0.5000	3.4		20.0			
1,2-Dichloroethane	0.2548 0.2327	0.2223	0.2351	0.2256	0.2274	Ave		0.2330			0.1000	5.0		20.0			
Isobutyl alcohol	0.1327 0.2891	0.1763	0.1548	0.1984	0.2524	QuaF		0.2212	0.0000055						1.0000		0.9900
Tert-amyl methyl ether	0.5459 0.7410	0.6063	0.6755	0.6782	0.7369	Ave		0.6640				11.4		20.0			
Isopropyl acetate	0.6401 0.9137	0.6290	0.6107	0.6736	0.8917	Ave		0.7265				19.0		20.0			
n-Heptane	0.3864 0.3801	0.3717	0.3686	0.3718	0.3872	Ave		0.3776				2.1		20.0			
Trichloroethene	0.2177 0.2163	0.1864	0.2130	0.2134	0.2228	Ave		0.2116			0.2000	6.1		20.0			
n-Butanol	0.0475 0.1167	0.0462	0.1121	0.0461	0.0894	QuaF		0.0681	0.0000039						0.9990		0.9900
Methylcyclohexane	0.3264 0.4576	0.3551	0.3986	0.4107	0.4470	Ave		0.3992			0.1000	12.8		20.0			
Ethyl acrylate	0.3957 0.5941	0.4383	0.5367	0.5358	0.5821	Ave		0.5138				15.5		20.0			
1,2-Dichloropropane	0.1967 0.2194	0.2027	0.2191	0.2161	0.2199	Ave		0.2123			0.1000	4.7		20.0			
Dibromomethane	0.1347 0.1191	0.1143	0.1196	0.1152	0.1209	Ave		0.1206				6.1		20.0			
1,4-Dioxane	+++++ 0.8833	1.0898	1.0366	1.0149	1.1337	Ave		1.0316				9.2		20.0			
Methyl methacrylate	0.0340 0.0475	0.0391	0.0460	0.0441	0.0488	Ave		0.0433				13.1		20.0			
Dichlorobromomethane	0.2340 0.2611	0.2308	0.2520	0.2503	0.2578	Ave		0.2476			0.2000	5.1		20.0			
n-Propyl acetate	0.1719 0.2586	0.1810	0.2343	0.2206	0.2548	Ave		0.2202				16.7		20.0			
2-Nitropropane	0.0534 0.0399	0.0459	0.0368	0.0348	0.0388	Ave		0.0416				16.6		20.0			
2-Chloroethyl vinyl ether	0.0279 0.0736	0.0405	0.0502	0.0570	0.0698	QuaF		0.0654	0.0000164						1.0000		0.9900

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

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 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.1273 0.2050	0.1457	0.1684	0.1869	0.1925	Ave		0.1710				17.4		20.0			
cis-1,3-Dichloropropene	0.4191 0.4776	0.3912	0.4155	0.4598	0.4582	Ave		0.4369			0.2000	7.6		20.0			
4-Methyl-2-pentanone (MIBK)	1.2574 1.9943	1.7249	1.8508	1.9589	1.9332	Ave		1.7866			0.0500	15.5		20.0			
Toluene	1.1976 1.3237	1.1774	1.2675	1.3022	1.2724	Ave		1.2568			0.4000	4.6		20.0			
trans-1,3-Dichloropropene	0.3109 0.4082	0.3078	0.3370	0.3670	0.3856	Ave		0.3528			0.1000	11.6		20.0			
1,1,2-Trichloroethane	0.2168 0.2131	0.1919	0.2038	0.2027	0.2056	Ave		0.2056			0.1000	4.2		20.0			
Ethyl methacrylate	0.1382 0.2570	0.1758	0.2062	0.2109	0.2541	Qua2	-0.072	0.2071	0.0001186						0.9960		0.9900
Tetrachloroethene	0.2869 0.3114	0.2952	0.3180	0.3125	0.3087	Ave		0.3054			0.2000	3.9		20.0			
1,3-Dichloropropane	0.3811 0.4252	0.3994	0.3941	0.3999	0.4049	Ave		0.4008				3.6		20.0			
2-Hexanone	0.7026 1.4171	0.9208	1.1862	1.2711	1.4324	Qua2	-2.622	1.1942	0.0001120		0.0500				0.9930		0.9900
Chlorodibromomethane	0.2346 0.2743	0.2389	0.2545	0.2530	0.2644	Ave		0.2533			0.1000	5.9		20.0			
Ethylene Dibromide	0.2218 0.2528	0.2255	0.2367	0.2350	0.2402	Ave		0.2353			0.1000	4.7		20.0			
n-Butyl acetate	0.2973 0.4362	0.2854	0.3555	0.3563	0.4026	Ave		0.3556				16.4		20.0			
Chlorobenzene	0.8339 0.8308	0.7288	0.7927	0.7948	0.7869	Ave		0.7946			0.5000	4.8		20.0			
1,1,1,2-Tetrachloroethane	0.2605 0.3007	0.2589	0.2748	0.2732	0.2836	Ave		0.2753				5.6		20.0			
Ethylbenzene	0.3541 0.4869	0.3928	0.4245	0.4486	0.4683	Ave		0.4292			0.1000	11.5		20.0			
m-Xylene & p-Xylene	0.4178 0.5925	0.4088	0.5020	0.5402	0.5663	Ave		0.5046			0.1000	15.2		20.0			
o-Xylene	0.3675 0.5874	0.4287	0.4928	0.5334	0.5568	Ave		0.4944			0.3000	16.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

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 3	LVL 4	LVL 5		B	M1	M2								
Styrene	0.5405 1.0187	0.6316	0.7936	0.8875	0.9257	Qua2	-0.275	0.7950	0.0004887		0.3000				0.9940		0.9900
n-Butyl acrylate	0.1033 0.2292	0.1285	0.1607	0.1824	0.2091	Qua2	-0.065	0.1639	0.0001459						0.9940		0.9900
Bromoform	0.1409 0.1891	0.1423	0.1608	0.1624	0.1792	Ave		0.1624			0.1000	11.9		20.0			
Amyl acetate (mixed isomers)	0.4997 0.9530	0.5827	0.7526	0.7913	0.8733	Qua2	-0.252	0.7333	0.0004836						0.9950		0.9900
Isopropylbenzene	0.9993 1.6379	1.1078	1.3406	1.4395	1.5249	Ave		1.3417			0.1000	18.3		20.0			
Bromobenzene	0.6761 0.6145	0.6369	0.6132	0.6005	0.5878	Ave		0.6215				5.0		20.0			
1,2,3-Trichloropropane	0.1487 0.1580	0.1475	0.1584	0.1513	0.1538	Ave		0.1529				3.0		20.0			
1,1,2,2-Tetrachloroethane	0.5963 0.6686	0.6267	0.6543	0.6134	0.6118	Ave		0.6285			0.3000	4.4		20.0			
trans-1,4-Dichloro-2-butene	0.1319 0.1948	0.1529	0.1554	0.1699	0.1811	Ave		0.1643				13.6		20.0			
N-Propylbenzene	0.5526 0.7736	0.5917	0.6875	0.7252	0.7381	Ave		0.6781				12.9		20.0			
2-Chlorotoluene	0.5397 0.6537	0.5403	0.6170	0.6251	0.6267	Ave		0.6004				8.1		20.0			
4-Ethyltoluene	1.7956 2.7002	1.9800	2.4086	2.5150	2.5054	Ave		2.3175				15.1		20.0			
4-Chlorotoluene	1.6800 2.3106	1.8791	2.0786	2.1245	2.1237	Ave		2.0327				10.9		20.0			
1,3,5-Trimethylbenzene	1.4937 2.4083	1.7262	2.0276	2.1634	2.2387	Ave		2.0096				17.0		20.0			
Butyl Methacrylate	0.3784 0.7825	0.4305	0.5492	0.6545	0.7078	Qua2	-0.205	0.5648	0.0004849						0.9910		0.9900
tert-Butylbenzene	1.2410 1.9865	1.3631	1.6710	1.7656	1.8291	Ave		1.6427				17.4		20.0			
1,2,4-Trimethylbenzene	1.6814 2.4893	1.7747	2.0961	2.2414	2.2977	Ave		2.0968				15.0		20.0			
sec-Butylbenzene	1.9984 3.3614	2.3630	2.7725	2.9758	3.1256	Ave		2.7661				18.3		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

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 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.2380 1.2930	1.1619	1.2083	1.2365	1.2231	Ave		1.2268			0.6000	3.5		20.0			
1,4-Dichlorobenzene	1.3825 1.2926	1.2474	1.2543	1.2280	1.2205	Ave		1.2709			0.5000	4.7		20.0			
4-Isopropyltoluene	1.8037 2.7874	1.9850	2.2939	2.4871	2.5882	Ave		2.3242				16.1		20.0			
1,2,3-Trimethylbenzene	1.8734 2.5719	1.9807	2.2682	2.3805	2.3277	Ave		2.2337				11.7		20.0			
Benzyl chloride	0.2060 0.2562	0.1953	0.2060	0.2253	0.2420	Ave		0.2218				10.7		20.0			
Indan	0.5866 0.9630	0.6792	0.8120	0.8418	0.9089	Ave		0.7986				17.7		20.0			
1,2-Dichlorobenzene	1.1494 1.2541	1.1337	1.1841	1.1910	1.1810	Ave		1.1822			0.4000	3.5		20.0			
p-Diethylbenzene	0.9028 1.4348	0.9651	1.2239	1.3157	1.3198	Ave		1.1937				17.8		20.0			
n-Butylbenzene	0.8458 1.6672	1.1369	1.3965	1.4725	1.5202	Lin2	-0.684	1.4855							0.9910		0.9900
1,2-Dibromo-3-Chloropropane	0.1240 0.1365	0.1149	0.1322	0.1208	0.1309	Ave		0.1266			0.0500	6.4		20.0			
1,2,4,5-Tetramethylbenzene	1.3818 2.7403	1.6552	2.1085	2.3219	2.4089	Qua2	-0.754	2.0832	0.0013923						0.9950		0.9900
1,3,5-Trichlorobenzene	1.0256 1.0591	0.9720	0.9704	0.9838	0.9737	Ave		0.9974				3.7		20.0			
1,2,4-Trichlorobenzene	0.8880 0.9937	0.8308	0.8715	0.8603	0.9142	Ave		0.8931			0.2000	6.3		20.0			
Hexachlorobutadiene	0.4278 0.4791	0.3960	0.4380	0.4374	0.4568	Ave		0.4392				6.4		20.0			
Naphthalene	2.1305 2.7309	1.9567	2.2905	2.2281	2.5211	Ave		2.3096				12.0		20.0			
1,2,3-Trichlorobenzene	0.8574 0.9578	0.8682	0.8668	0.8472	0.8995	Ave		0.8828				4.6		20.0			
Dibromofluoromethane (Surr)	0.2110 0.1920	0.2271	0.2320	0.2191	0.2234	Ave		0.2174				6.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.1982 0.1837	0.2093	0.2245	0.2227	0.2110	Ave		0.2082				7.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

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 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.1643 1.1226	1.2543	1.3002	1.2835	1.2658	Ave		1.2318				5.8		20.0			
4-Bromofluorobenzene	0.6523 0.5588	0.6990	0.7000	0.6759	0.6552	Ave		0.6569				7.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-845196/4	B87421.D
Level 2	STD5 460-845196/5	B87422.D
Level 3	STD20 460-845196/6	B87423.D
Level 4	STD50 460-845196/7	B87424.D
Level 5	STD200 460-845196/8	B87425.D
Level 6	STD500 460-845196/9	B87426.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	3673 1997037	15927	73901	183797	755044	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	575 249256	2050	9562	22865	90654	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3864 2454816	18882	79550	201882	900210	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2932 1875746	13482	60857	155070	688644	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	2574 1744874	13267	54395	143756	642203	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2461 1150765	10889	45565	113123	498752	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1555 845012	8600	34281	82649	364428	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	4824 2312793	21287	84924	212578	914576	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	787 442964	3567	16142	39466	162721	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	3495 2028222	17080	71009	184827	776156	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	1490 840789	6893	30345	75654	318025	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	Ave	188 161491	1445	3916	13765	56191	40.0 20000	200	800	2000	8000
2-Methyl-1,3-butadiene	FB	Ave	1727 1142827	8311	40076	96733	425302	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2291 1292365	9917	45990	119093	493938	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	2888 1973607	15224	70674	178613	738445	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	19436 120387	40567	60930	80398	100552	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	2180 1316660	9209	46416	120761	475848	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	2329 1714195	12458	51654	127368	781936	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2329 1540350	11736	52216	133847	552646	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	4131 2526596	19948	90177	231456	931940	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	7099 4986684	35345	167692	441893	1800980	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	1675 1000057	8903	28102	52180	345534	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	2242 1523793	11012	49371	131124	541796	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2211 1644996	11282	56057	136180	614081	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	1423 810155	5188	22465	76783	273309	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	3025 1543488	12571	52321	134158	548367	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	2816 1710312	11884	57024	131218	604459	10.0 5000	50.0	200	500	2000

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	TBAd9	Ave	7133 4084483	31920	140048	336404	1426122	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	2682 1456174	11440	51021	131338	530306	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	5021 3723496	28497	119959	311110	1312796	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	2626 2007797	14150	60544	197765	698241	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	3422 2370843	18439	86666	238913	845467	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	666 480066	4165	16259	45804	129077	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	1697 1289787	9718	47817	129703	531413	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	7927 3967350	35895	159012	440874	1776281	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	2479 1912250	13160	57604	157025	672290	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3206 1864908	13471	58482	157301	668360	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1339 758654	5818	24614	63620	262095	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1382 912320	6581	26106	66911	342920	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	2815 2076631	15373	59679	152820	731344	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	493 283038	2049	8756	22743	99132	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2363 1558947	10099	46143	121567	534362	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	1466 868597	6768	29542	74191	319497	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	7862 5726884	39184	178223	463101	2043616	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	513	2857	11646	30620	147214	2.00	10.0	40.0	100	400

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			420084					1000				
Chloroform	FB	Ave	4011 2721121	19115	85578	230139	963542	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3409 2350877	15871	75156	195320	826204	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3391 2888660	18216	84696	227435	999305	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	2914 2226315	13497	64385	176150	746710	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2845 1959184	13235	61907	162327	695102	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	9774 6712716	44265	201835	544284	2300205	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	2874 1770104	11946	53472	141857	603090	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	QuaF	861 1229045	6303	24103	66234	400736	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	6157 5635502	32583	153658	426403	1954463	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	7220 6949245	33803	138906	423512	2365029	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4358 2890433	19974	83840	233745	1026878	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	2456 1644883	10017	48449	134186	591029	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	QuaF	308 495942	1651	17455	15390	142003	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	3681 3480088	19082	90668	258231	1185485	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	4463 4518642	23555	122087	336900	1544030	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	2219 1668713	10895	49835	135878	583215	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	1519 905523	6141	27206	72413	320691	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	+++++ 344827	2332	9661	24968	123296	+++++ 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	768 723220	4197	20927	55417	258888	2.00 1000	10.0	40.0	100	400
Dichlorobromomethane	FB	Ave	2639 1986047	12400	57317	157349	683689	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	1939 1966869	9729	53288	138679	675801	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1205 606675	4937	16728	43800	206008	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	QuaF	315 560730	2182	11455	35916	185617	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	2479 2975557	15178	75610	204672	1006696	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	3269 2487439	14689	67324	195758	874000	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	6123 7237862	44915	207758	536194	2528025	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	9342 6894912	44206	205374	554399	2426817	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	2425 2126035	11558	54614	156253	735370	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	1691 1109957	7204	33019	86287	392114	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Qua2	1559 1954655	9446	46904	132579	673951	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	2238 1621896	11082	51523	133055	588694	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	2973 2214546	14997	63854	170244	772341	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Qua2	3421 5143115	23976	133155	347918	1873173	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	1830 1428962	8970	41243	107696	504281	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	1730 1316574	8468	38361	100064	458190	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	2319 2272074	10714	57607	151702	767928	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	6505 4327304	27363	128441	338391	1500824	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2032 1566477	9721	44534	116311	540890	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	2762 2536172	14747	68785	190976	893181	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	3259 3085956	15349	81346	229983	1080136	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	2867 3059695	16094	79858	227072	1061954	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Qua2	4216 5306183	23713	128597	377844	1765660	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Qua2	806 1193952	4824	26045	77663	398746	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	1099 984853	5341	26062	69156	341789	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Qua2	2023 2948405	11741	65848	186969	968424	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	7795 8531161	41591	217230	612861	2908515	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	2737 1901337	12834	53650	141903	651879	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	602 488809	2972	13857	35750	170520	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	2414 2068609	12629	57245	144943	678455	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	534 602755	3082	13595	40149	200777	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	2237 2393499	11924	60149	171364	818520	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	2185 2022443	10887	53982	147716	694976	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	7269 8354186	39898	210738	594270	2778341	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	6801 7148940	37864	181867	502000	2355074	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	6047 7450985	34784	177400	511192	2482575	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCBd 4	Qua2	1532 2421057	8675	48050	154640	784965	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	5024 6146192	27467	146207	417185	2028378	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	6807 7701643	35761	183396	529619	2548028	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	8090 10399934	47616	242576	703137	3466092	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	5012 4000320	23413	105721	292164	1356324	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	5597 3999055	25136	109745	290161	1353447	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	7302 8624038	39998	200707	587673	2870169	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	7584 7957373	39912	198457	562479	2581297	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	834 792739	3935	18024	53236	268357	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	6616 7324201	36499	184701	529236	2410807	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	4653 3880016	22844	103604	281410	1309692	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	3655 4439224	19447	107087	310887	1463609	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Lin2	3424 5158141	22909	122190	347945	1685827	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	502 422312	2316	11564	28550	145142	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Qua2	5594 8478208	33354	184479	548648	2671374	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	4152 3276742	19586	84904	232451	1079800	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	3595 3074510	16742	76252	203285	1013790	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	1732 1482378	7980	38320	103349	506624	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	8625 8449164	39429	200407	526477	2795727	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	3471 2963301	17495	75841	200179	997514	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	118976 146051	122021	131932	137767	148118	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	111756 139681	112490	127641	140045	139902	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	454111 584739	470919	526682	546457	603558	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	132033 172900	140856	153116	159696	181640	50.0 50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 845196

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/18/2022 12:48 Calibration End Date: 05/18/2022 14:38 Calibration ID: 90509

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-845196/4	B87421.D
Level 2	STD5 460-845196/5	B87422.D
Level 3	STD20 460-845196/6	B87423.D
Level 4	STD50 460-845196/7	B87424.D
Level 5	STD200 460-845196/8	B87425.D
Level 6	STD500 460-845196/9	B87426.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
n-Butylbenzene	3.0						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-May-2022 12:48:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0145428-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-May-2022 18:28:52 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: delpolitov Date: 18-May-2022 13:41:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.642	0.642	0.000	90	4066	1.00	0.9867	
3 Dichlorodifluoromethane	85	0.654	0.642	0.012	45	3673	1.00	1.09	
4 Chlorodifluoromethane	67	0.654	0.648	0.006	95	575	1.00	1.30	M
5 Chloromethane	50	0.727	0.728	-0.001	95	3864	1.00	1.01	
7 Vinyl chloride	62	0.764	0.764	0.000	30	2932	1.00	1.02	M
6 Butadiene	54	0.746	0.776	-0.030	46	2574	1.00	0.9681	
8 Bromomethane	94	0.886	0.898	-0.012	51	2461	1.00	1.15	
9 Chloroethane	64	0.916	0.910	0.006	26	1555	1.00	1.00	
10 Dichlorofluoromethane	67	0.996	1.014	-0.018	66	4824	1.00	1.17	a
12 Pentane	72	1.020	1.014	0.006	90	787	2.00	2.15	
11 Trichlorofluoromethane	101	0.977	1.038	-0.061	37	3495	1.00	1.04	M
14 Ethanol	46	1.124	1.118	0.006	44	188	40.0	33.2	M
13 Ethyl ether	59	1.111	1.118	-0.007	41	1490	1.00	1.06	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	75	1727	1.00	0.9686	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.160	1.130	0.030	69	2291	1.00	1.07	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.173	-0.007	42	2888	1.00	0.9188	a
18 Acrolein	56	1.178	1.179	-0.001	96	19436	100.0	110.0	
19 1,1-Dichloroethene	96	1.221	1.227	-0.006	93	2180	1.00	1.04	
21 Acetone	43	1.258	1.252	0.006	33	2329	5.00	4.86	M
20 112TCTFE	101	1.276	1.270	0.006	69	2329	1.00	0.9693	
22 Iodomethane	142	1.288	1.288	0.000	96	4131	1.00	1.01	
23 Carbon disulfide	76	1.325	1.325	0.000	95	7099	1.00	0.9297	
24 Isopropyl alcohol	45	1.343	1.362	-0.019	7	1675	10.0	11.9	Ma
25 3-Chloro-1-propene	39	1.410	1.410	0.000	94	2242	1.00	0.9665	
26 Methyl acetate	43	1.435	1.429	0.005	21	2211	2.00	1.79	M
27 Acetonitrile	39	1.459	1.447	0.012	21	1423	10.0	11.9	Ma
28 Methylene Chloride	84	1.471	1.471	0.000	88	3025	1.00	1.19	
* 29 TBA-d9 (IS)	65	1.532	1.538	-0.006	0	259532	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.587	1.587	0.000	34	2816	10.0	11.3	Ma
31 Acrylonitrile	53	1.611	1.618	-0.007	96	7133	10.0	11.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	95	2682	1.00	1.12	
33 Methyl tert-butyl ether	73	1.660	1.648	0.012	93	5021	1.00	0.8956	
34 Hexane	57	1.800	1.800	0.000	48	2626	1.00	0.8708	
35 1,1-Dichloroethane	63	1.880	1.886	-0.006	45	3422	1.00	0.8932	
36 Vinyl acetate	86	1.934	1.935	-0.001	99	666	2.00	1.95	
37 2-Chloro-1,3-butadiene	88	1.953	1.947	0.006	67	1697	1.00	0.8076	
38 Isopropyl ether	45	1.977	1.977	0.000	94	7927	1.00	1.06	
39 Tert-butyl ethyl ether	87	2.221	2.227	-0.006	29	2479	1.00	0.8955	a
* 40 2-Butanone-d5	46	2.282	2.276	0.006	0	243469	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.294	0.006	28	3206	1.00	1.11	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	46	1339	1.00	1.12	a
43 2-Butanone (MEK)	72	2.337	2.325	0.012	37	1382	5.00	5.58	
44 Propionitrile	54	2.367	2.374	-0.007	55	2815	10.0	10.2	
45 Ethyl acetate	70	2.416	2.404	0.012	68	493	2.00	2.46	M
62 Methyl acrylate	55	2.422	2.410	0.012	31	2363	1.00	1.05	a
46 Chlorobromomethane	128	2.477	2.477	0.000	74	1466	1.00	1.06	
47 Methacrylonitrile	67	2.477	2.483	-0.006	91	7862	10.0	9.36	
48 Tetrahydrofuran	72	2.514	2.520	-0.006	8	513	2.00	1.92	M
49 Chloroform	83	2.562	2.563	-0.001	96	4011	1.00	0.9812	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.691	0.005	97	118976	50.0	48.5	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	35	3409	1.00	0.9754	a
52 Cyclohexane	84	2.733	2.752	-0.019	48	3391	1.00	0.8468	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	91	2914	1.00	0.9412	
53 Carbon tetrachloride	117	2.843	2.843	0.000	79	2845	1.00	0.9773	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	111756	50.0	47.6	
56 Benzene	78	3.026	3.020	0.006	92	9774	1.00	1.01	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	91	2874	1.00	1.09	
58 Isobutyl alcohol	42	3.135	3.129	0.006	23	861	25.0	15.0	M
59 Tert-amyl methyl ether	73	3.184	3.184	0.000	83	6157	1.00	0.8221	M
73 Isopropyl acetate	43	3.196	3.203	-0.007	63	7220	1.00	0.8811	M
* 60 Fluorobenzene	96	3.312	3.312	0.000	99	563953	50.0	50.0	
61 n-Heptane	43	3.361	3.367	-0.006	45	4358	1.00	1.02	a
63 Trichloroethene	95	3.715	3.709	0.006	91	2456	1.00	1.03	
65 Methylcyclohexane	83	3.922	3.910	0.012	87	3681	1.00	0.8175	a
64 n-Butanol	43	3.922	3.910	0.012	53	308	25.0	17.4	
66 Ethyl acrylate	55	3.910	3.928	-0.018	77	4463	1.00	0.7701	Ma
67 1,2-Dichloropropane	63	3.952	3.940	0.012	73	2219	1.00	0.9265	
68 Dibromomethane	93	4.074	4.081	-0.007	78	1519	1.00	1.12	
* 69 1,4-Dioxane-d8	96	4.111	4.105	0.006	0	18021	1000.0	1000.0	
71 Methyl methacrylate	100	4.221	4.215	0.006	58	768	2.00	1.57	
72 Dichlorobromomethane	83	4.312	4.318	-0.006	94	2639	1.00	0.9448	
81 n-Propyl acetate	43	4.355	4.330	0.025	35	1939	1.00	0.7807	M
74 2-Nitropropane	41	4.611	4.629	-0.018	86	1205	2.00	2.57	
75 2-Chloroethyl vinyl ether	63	4.812	4.812	0.000	11	315	1.00	0.4271	a
76 Epichlorohydrin	57	4.836	4.830	0.006	39	2479	20.0	14.9	M
77 cis-1,3-Dichloropropene	75	4.934	4.928	0.006	88	3269	1.00	0.9592	
78 4-Methyl-2-pentanone (MIBK)	43	5.233	5.227	0.006	52	6123	5.00	3.52	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.275	0.006	99	454111	50.0	47.3	
80 Toluene	91	5.373	5.373	0.000	97	9342	1.00	0.9529	M
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	93	2425	1.00	0.8813	
83 1,1,2-Trichloroethane	83	6.056	6.050	0.006	92	1691	1.00	1.05	
84 Ethyl methacrylate	69	6.080	6.068	0.012	50	1559	1.00	1.02	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.196	6.202	-0.006	83	2238	1.00	0.9393	
86 1,3-Dichloropropane	76	6.293	6.294	-0.001	89	2973	1.00	0.9510	a
87 2-Hexanone	43	6.616	6.580	0.036	32	3421	5.00	5.13	Ma
88 Chlorodibromomethane	129	6.641	6.647	-0.006	93	1830	1.00	0.9262	
89 Ethylene Dibromide	107	6.763	6.751	0.012	26	1730	1.00	0.9423	
90 n-Butyl acetate	43	6.940	6.921	0.019	61	2319	1.00	0.8361	
* 91 Chlorobenzene-d5	117	7.635	7.635	-0.001	85	390042	50.0	50.0	
92 Chlorobenzene	112	7.689	7.683	0.006	92	6505	1.00	1.05	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.897	0.006	87	2032	1.00	0.9462	
94 Ethylbenzene	106	7.982	7.982	0.000	99	2762	1.00	0.8250	
95 m-Xylene & p-Xylene	106	8.226	8.232	-0.006	96	3259	1.00	0.8279	
96 o-Xylene	106	8.976	8.964	0.012	93	2867	1.00	0.7433	
97 Styrene	104	9.018	9.012	0.006	92	4216	1.00	1.03	a
98 n-Butyl acrylate	73	9.207	9.208	-0.001	94	806	1.00	1.03	
99 Bromoform	173	9.262	9.256	0.006	77	1099	1.00	0.8672	a
101 Amyl acetate (mixed isomers)	43	9.689	9.695	-0.006	38	2023	1.00	1.03	M
102 Isopropylbenzene	105	9.719	9.714	0.005	95	7795	1.00	0.7448	
$ 103 4-Bromofluorobenzene	174	9.921	9.921	0.000	91	132033	50.0	49.7	
104 Bromobenzene	156	10.097	10.098	-0.001	93	2737	1.00	1.09	
105 1,2,3-Trichloropropane	110	10.317	10.323	-0.006	92	602	1.00	0.9723	
106 1,1,2,2-Tetrachloroethane	83	10.341	10.341	0.000	96	2414	1.00	0.9487	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.439	0.006	39	534	1.00	0.8027	
108 N-Propylbenzene	120	10.463	10.470	-0.007	97	2237	1.00	0.8149	
109 2-Chlorotoluene	126	10.500	10.506	-0.006	92	2185	1.00	0.8989	
110 4-Ethyltoluene	105	10.701	10.689	0.012	95	7269	1.00	0.7748	M
111 4-Chlorotoluene	91	10.719	10.719	0.000	96	6801	1.00	0.8264	
112 1,3,5-Trimethylbenzene	105	10.817	10.829	-0.012	92	6047	1.00	0.7433	
100 Butyl Methacrylate	87	11.219	11.207	0.012	87	1532	1.00	1.03	
113 tert-Butylbenzene	119	11.353	11.353	0.000	98	5024	1.00	0.7555	
114 1,2,4-Trimethylbenzene	105	11.445	11.439	0.006	95	6807	1.00	0.8019	
115 sec-Butylbenzene	105	11.737	11.744	-0.007	95	8090	1.00	0.7224	
116 1,3-Dichlorobenzene	146	11.811	11.805	0.006	96	5012	1.00	1.01	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	95	202416	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.993	11.994	-0.001	85	5597	1.00	1.09	
119 4-Isopropyltoluene	119	12.079	12.073	0.006	96	7302	1.00	0.7761	
120 1,2,3-Trimethylbenzene	105	12.182	12.170	0.012	97	7584	1.00	0.8387	
121 Benzyl chloride	126	12.329	12.323	0.006	98	834	1.00	0.9288	
122 2,3-Dihydroindene	117	12.499	12.500	-0.001	90	6616	1.00	0.7345	
123 1,2-Dichlorobenzene	146	12.688	12.689	-0.001	93	4653	1.00	0.9722	
124 p-Diethylbenzene	119	12.829	12.823	0.006	80	3655	1.00	0.7563	a
125 n-Butylbenzene	92	12.853	12.847	0.006	94	3424	1.00	1.03	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	84	502	1.00	0.9799	
127 1,2,4,5-Tetramethylbenzene	119	13.639	13.640	-0.001	98	5594	1.00	1.02	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	94	4152	1.00	1.03	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	91	3595	1.00	0.99	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	91	1732	1.00	0.9741	
131 Naphthalene	128	14.383	14.383	0.000	98	8625	1.00	0.9224	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	92	3471	1.00	0.9712	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.23	
S 134 1,3-Dichloropropene, Total	100				0		2.00	1.84	
S 135 Xylenes, Total	100				0		2.00	1.57	
S 136 Total BTEX	1				0		5.00	4.36	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00154	Amount Added:	1.00	Units: uL	
524freon_00052	Amount Added:	1.00	Units: uL	
GASES Li_00476	Amount Added:	1.00	Units: uL	
ACROLEIN W_00140	Amount Added:	10.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-May-2022 18:28:53 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D

Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2 Operator ID:

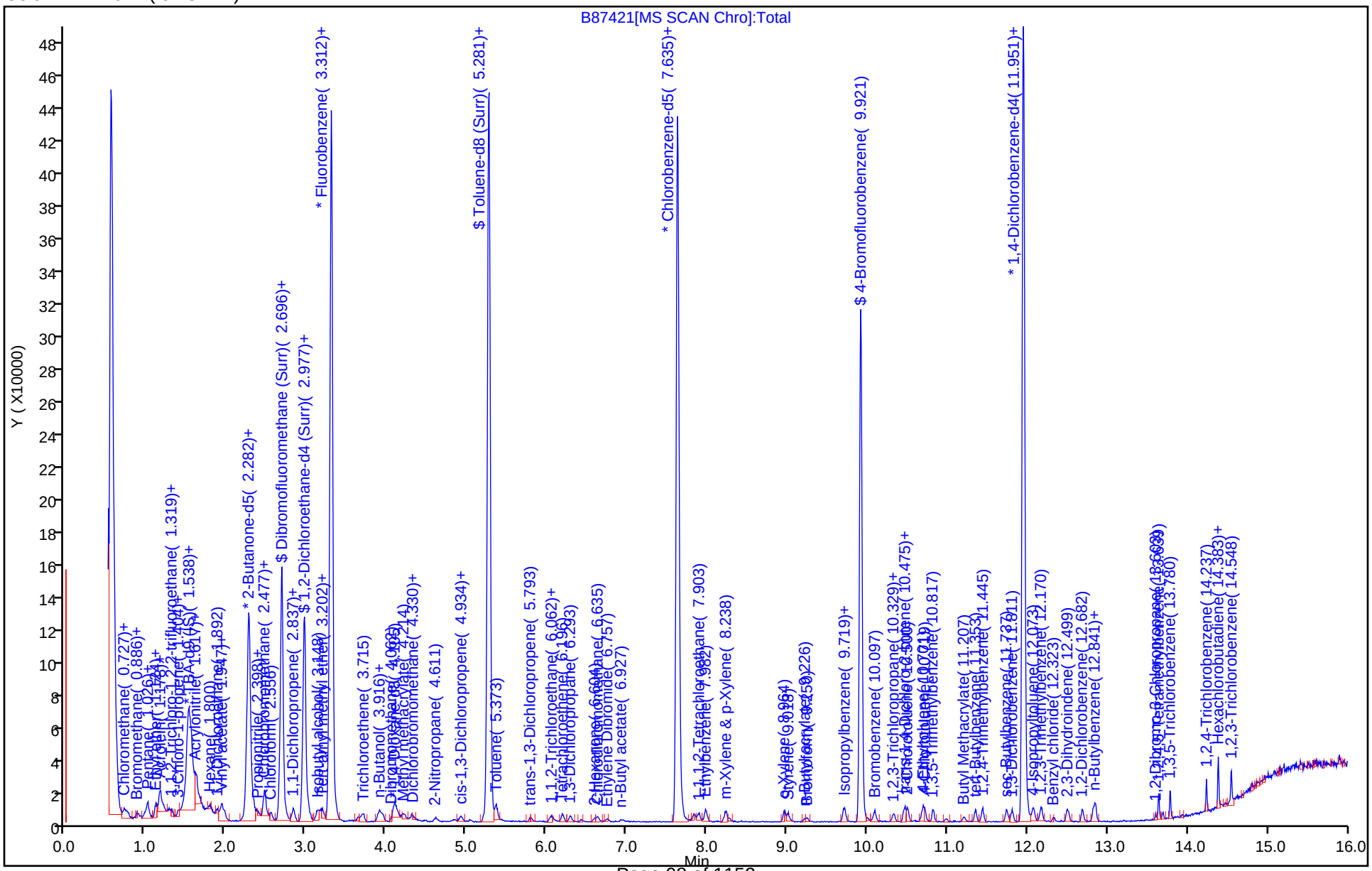
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

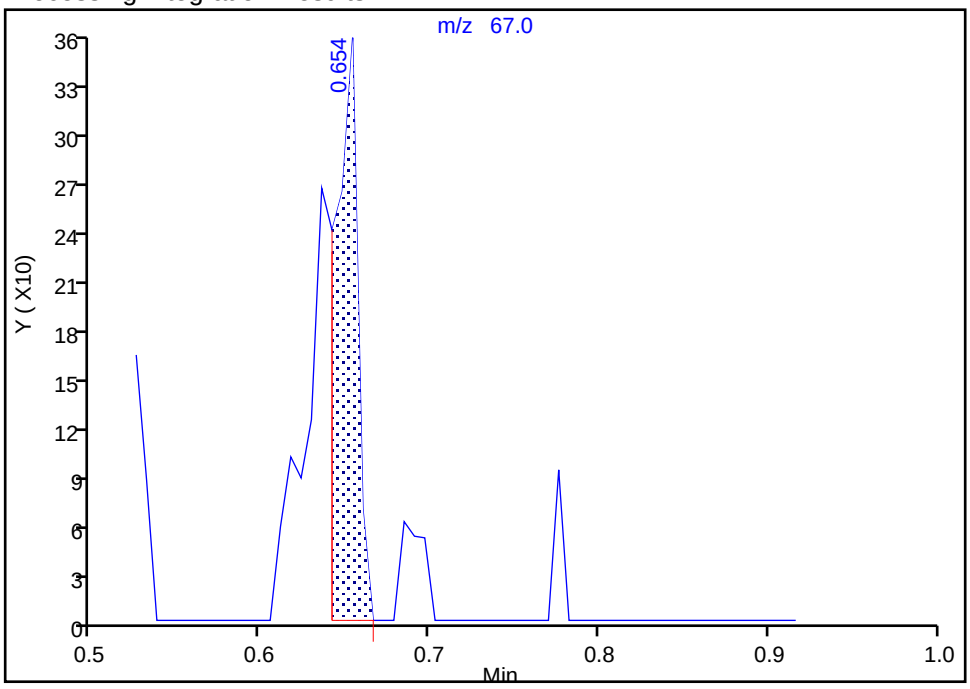
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

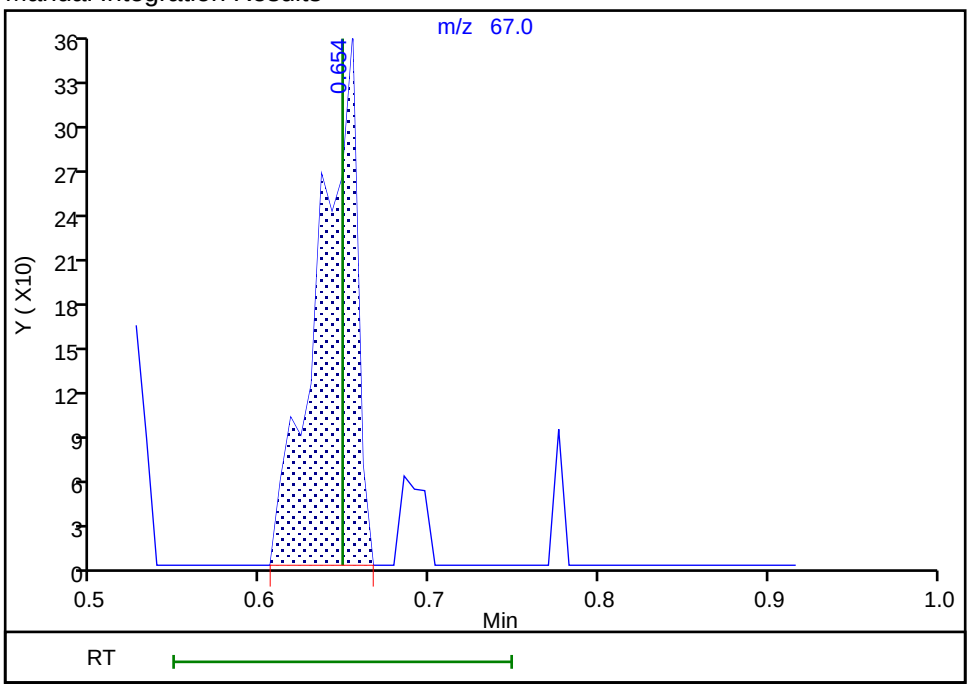
Processing Integration Results

RT: 0.65
Area: 342
Amount: 0.885685
Amount Units: ug/l



Manual Integration Results

RT: 0.65
Area: 575
Amount: 1.304449
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:35:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

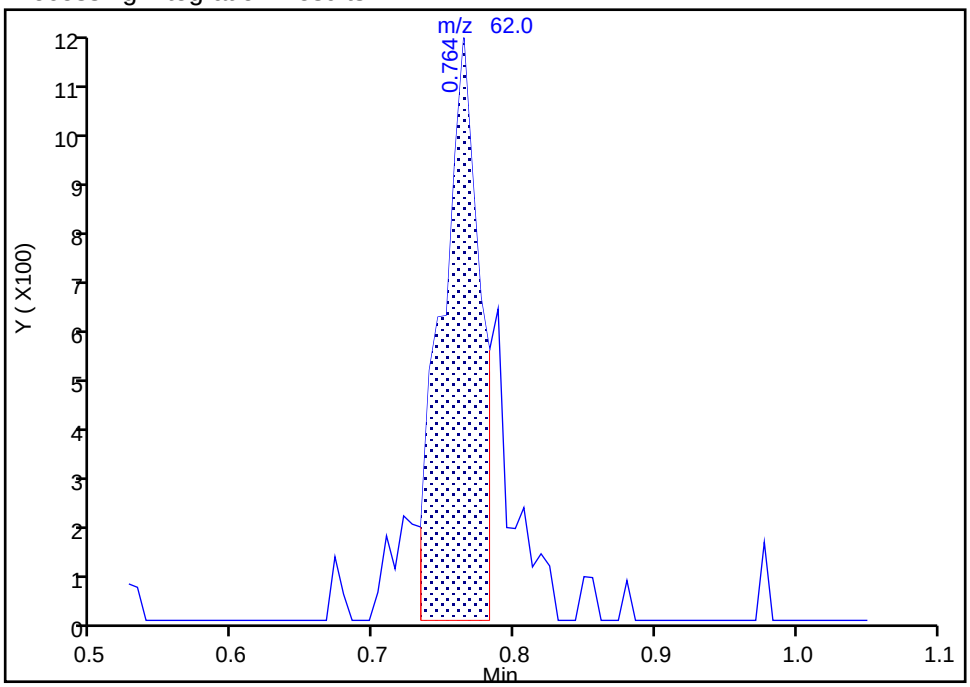
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

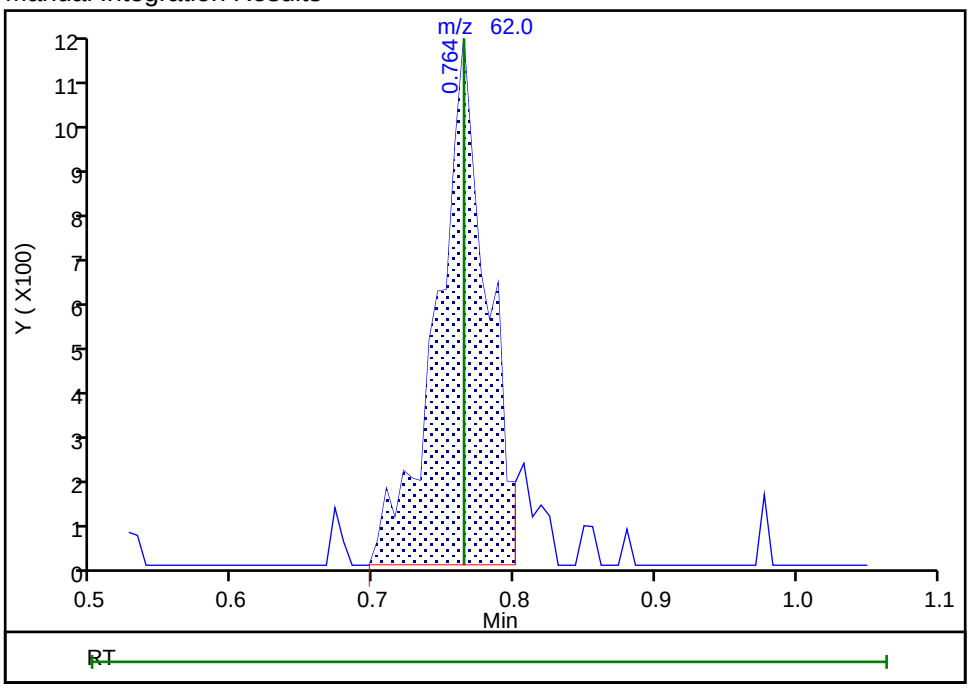
Processing Integration Results

RT: 0.76
Area: 2290
Amount: 0.894567
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 2932
Amount: 1.018543
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:35:33
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

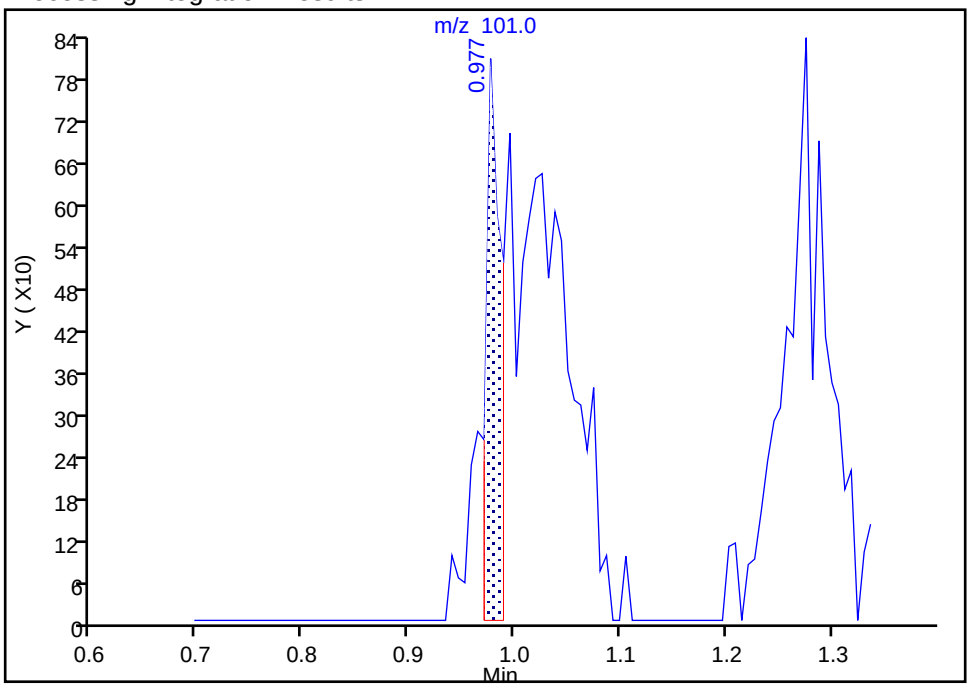
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

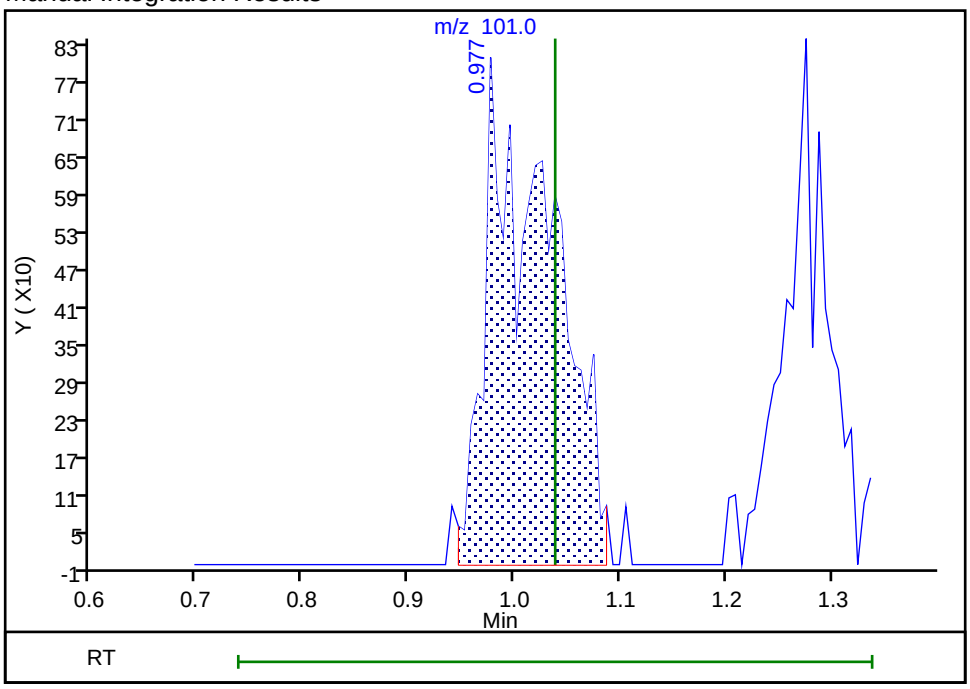
Processing Integration Results

RT: 0.98
Area: 791
Amount: 1.066590
Amount Units: ug/l



Manual Integration Results

RT: 0.98
Area: 3495
Amount: 1.036813
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:35:59
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

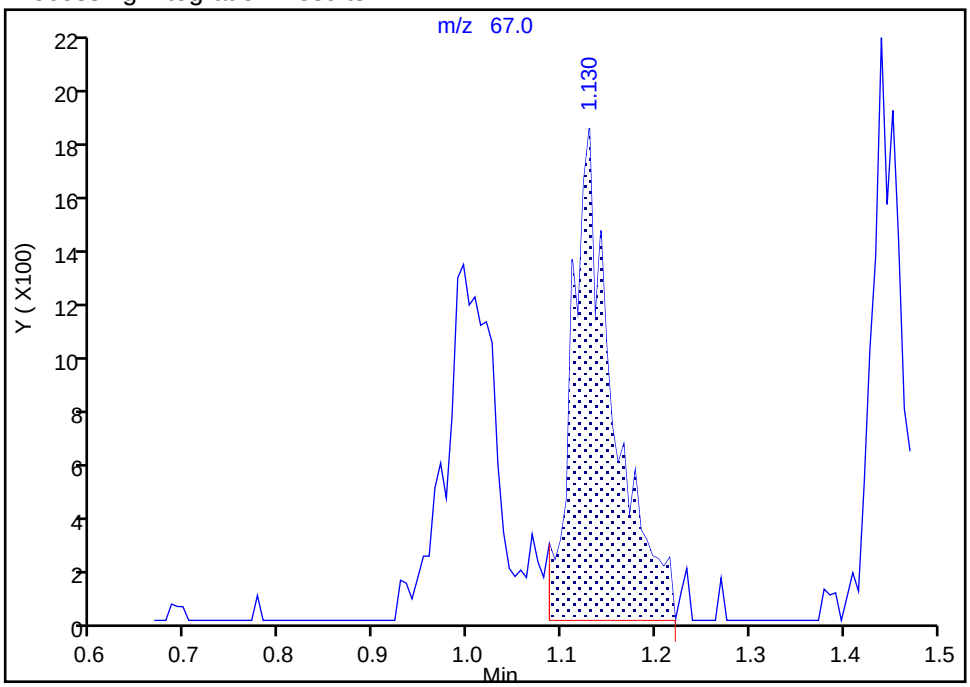
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

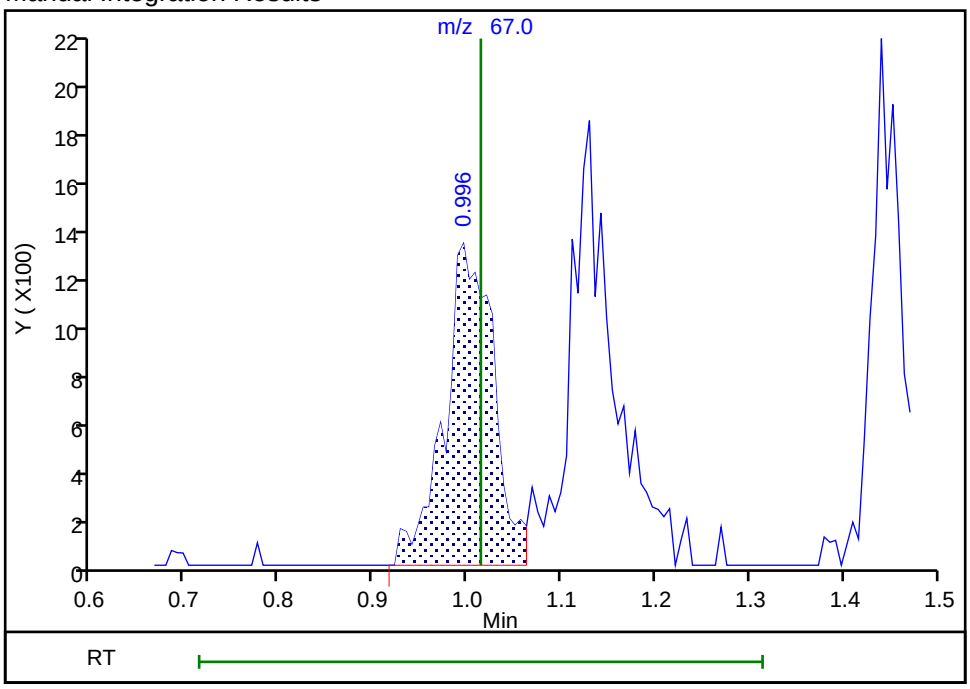
Processing Integration Results

RT: 1.13
Area: 5581
Amount: 1.110755
Amount Units: ug/l



Manual Integration Results

RT: 1.00
Area: 4824
Amount: 1.174867
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:35:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

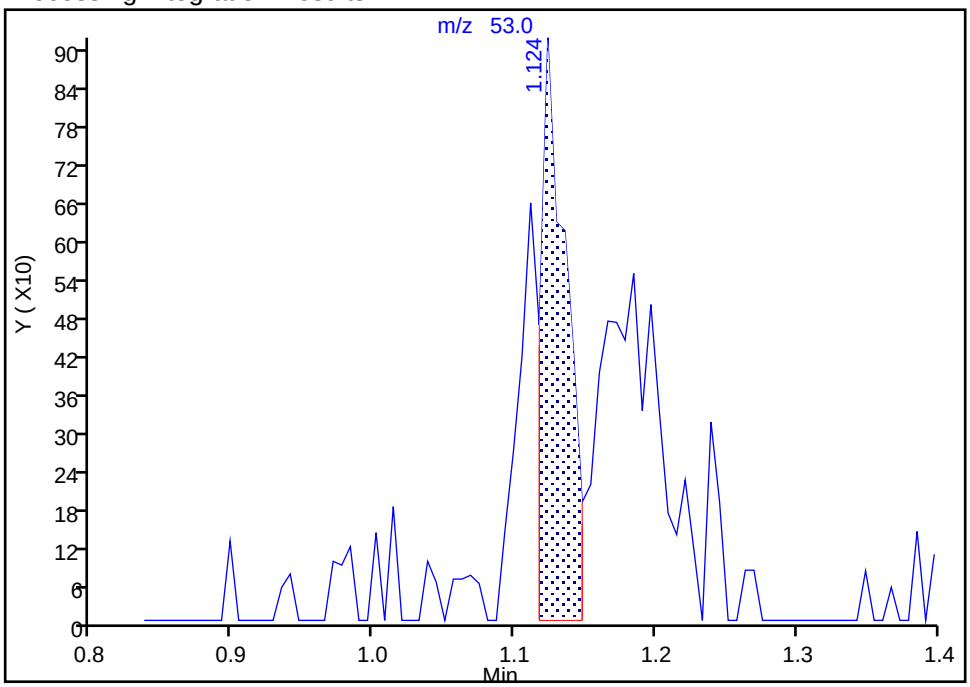
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

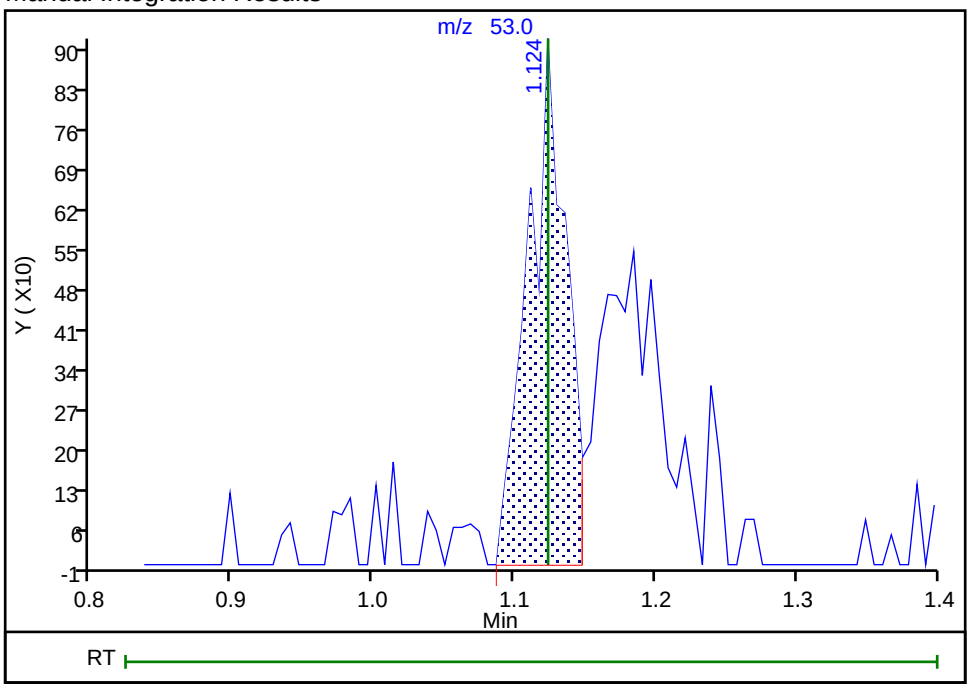
Processing Integration Results

RT: 1.12
Area: 1181
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 1727
Amount: 0.968636
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:36:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

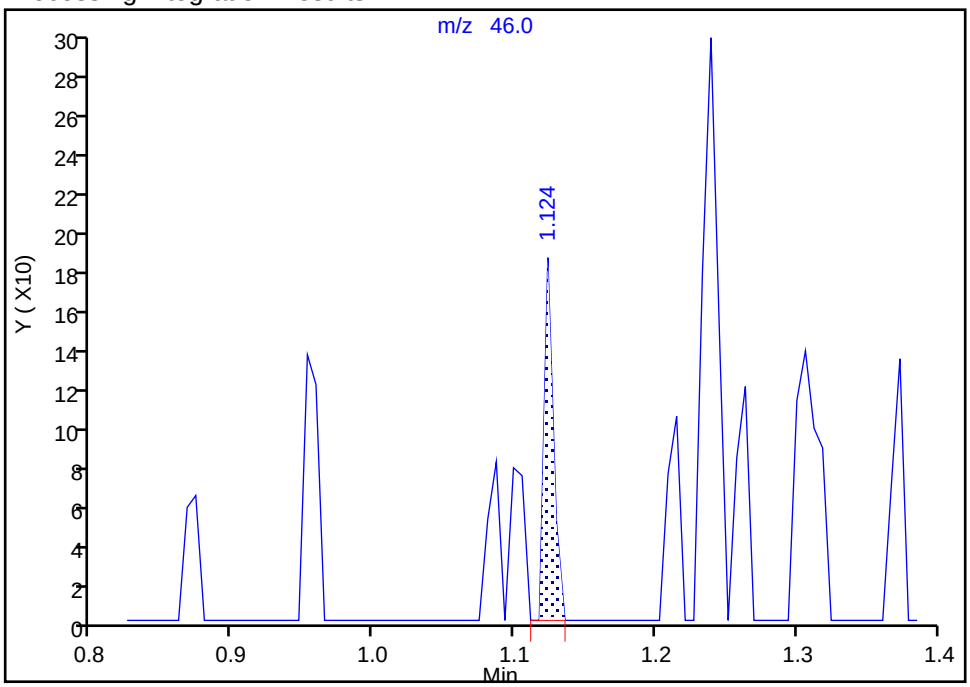
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

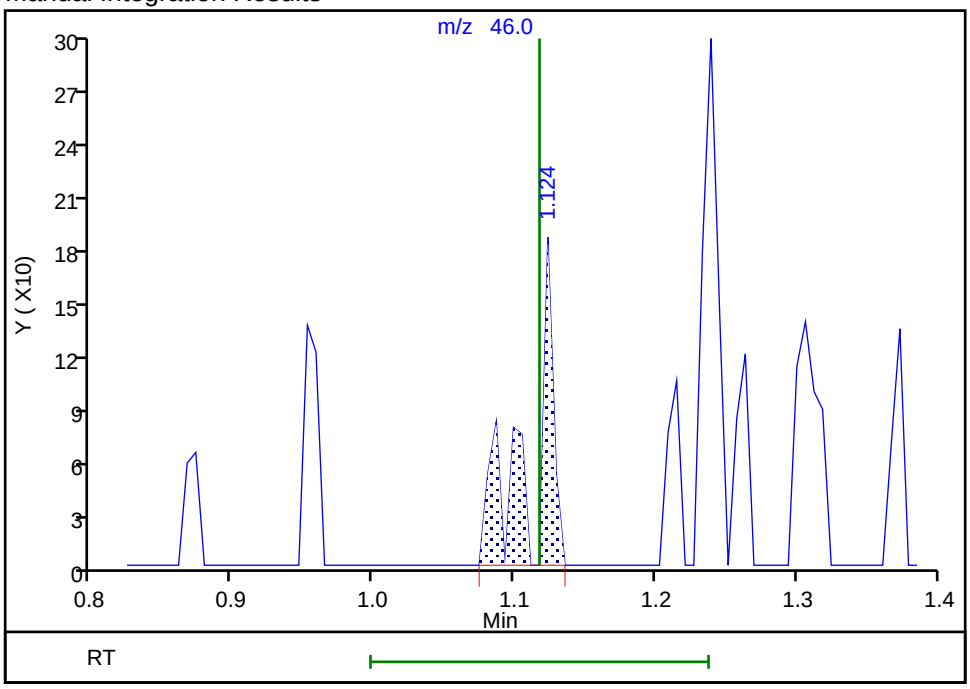
Processing Integration Results

RT: 1.12
Area: 85
Amount: 40.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 188
Amount: 33.246846
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:36:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

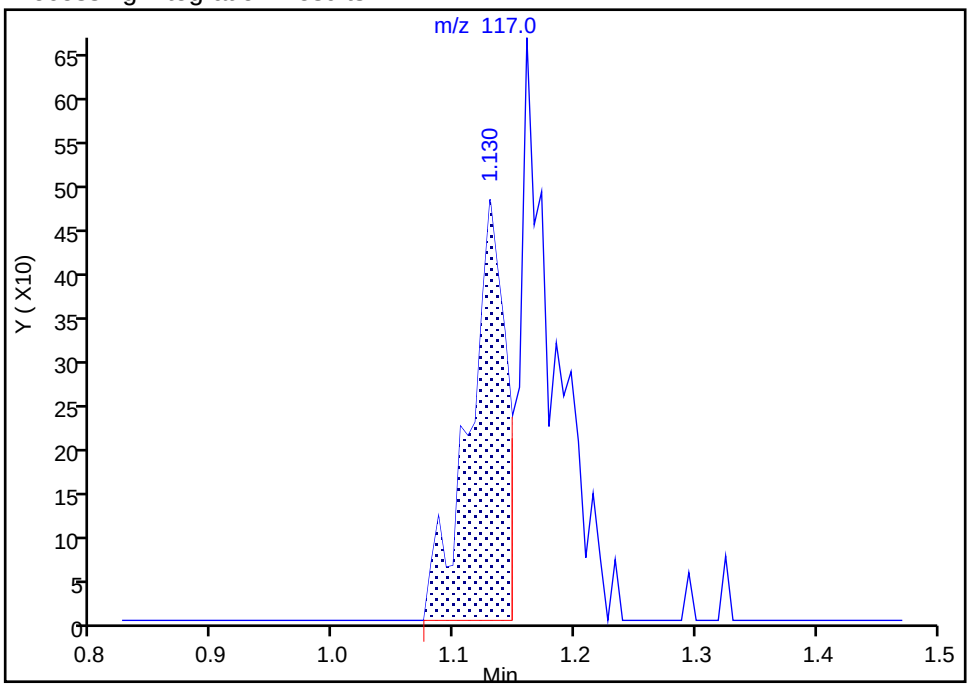
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

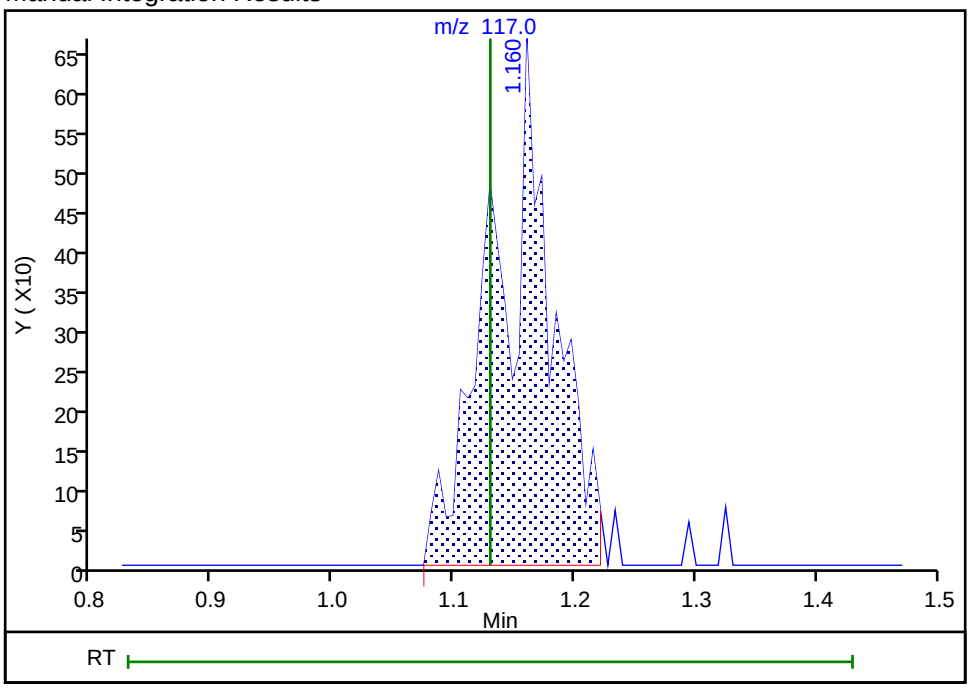
Processing Integration Results

RT: 1.13
Area: 1024
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.16
Area: 2291
Amount: 1.073349
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:36:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

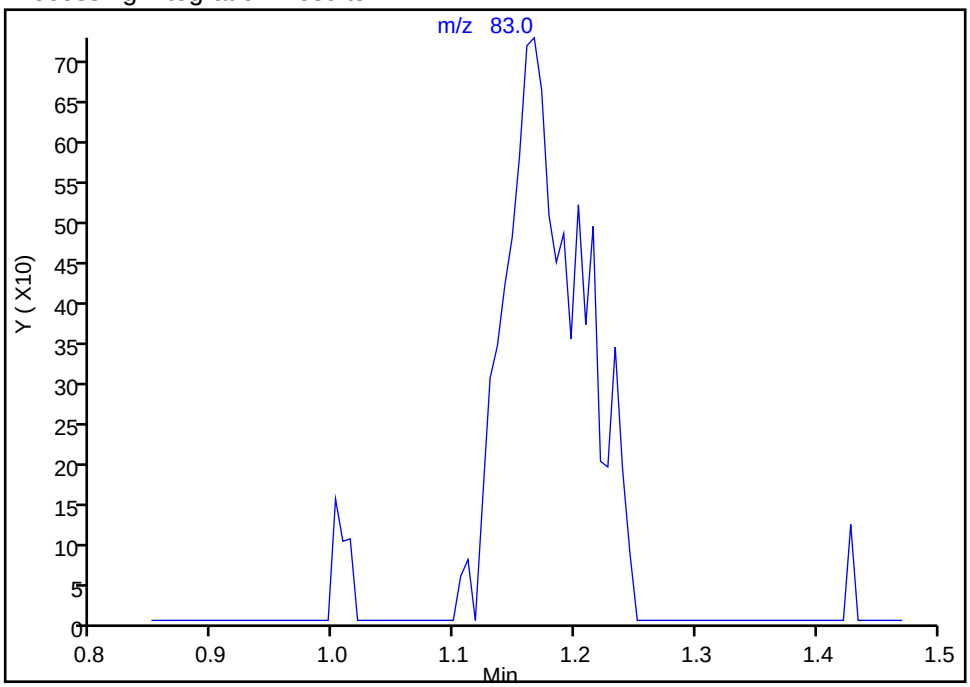
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

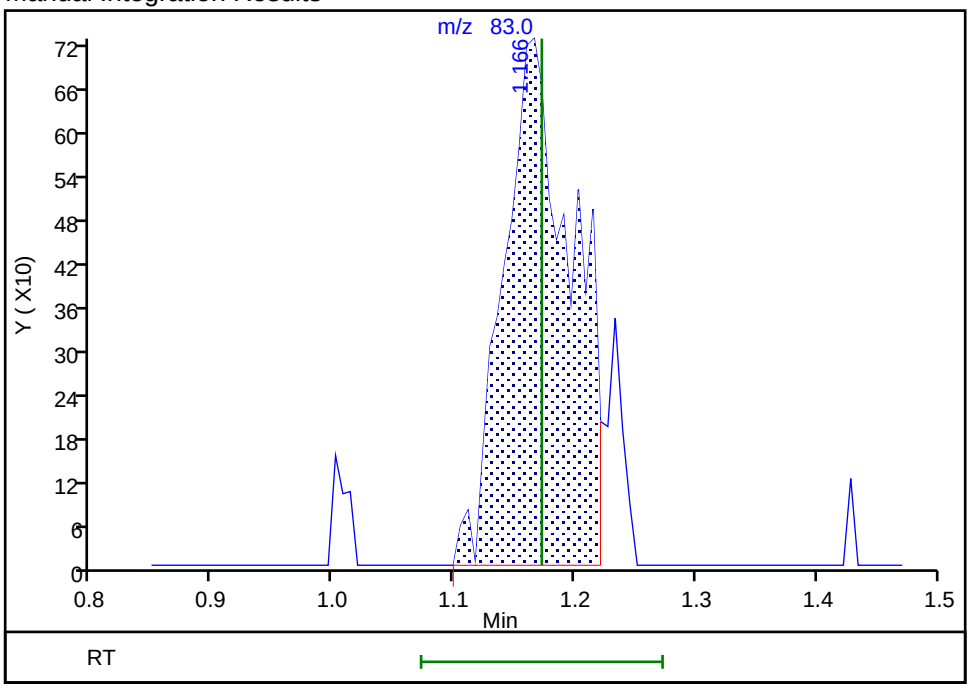
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 2888
Amount: 0.918798
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:36:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

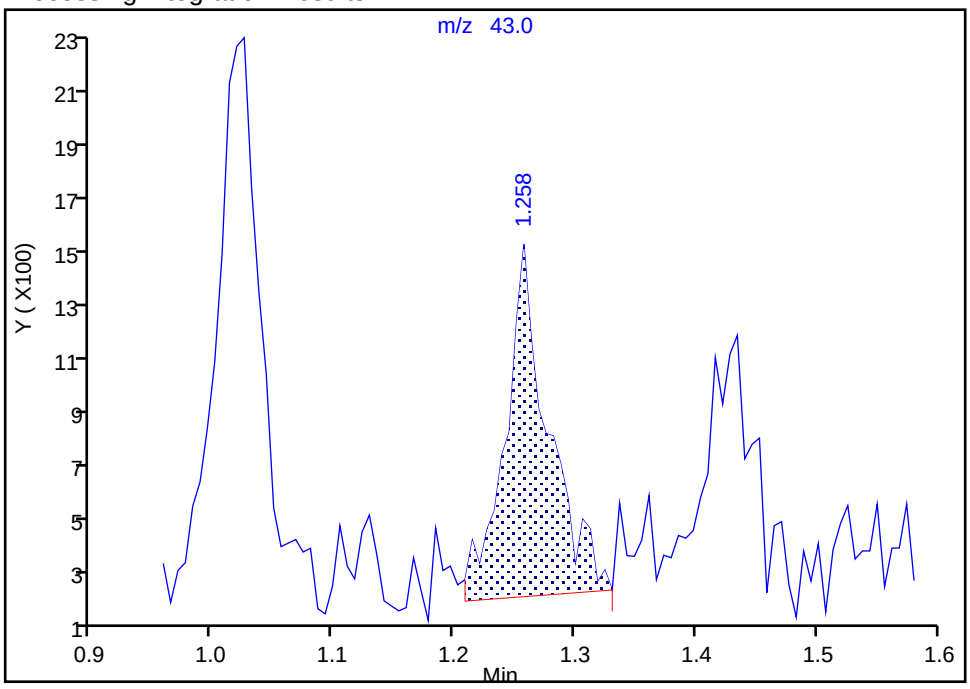
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1

Signal: 1

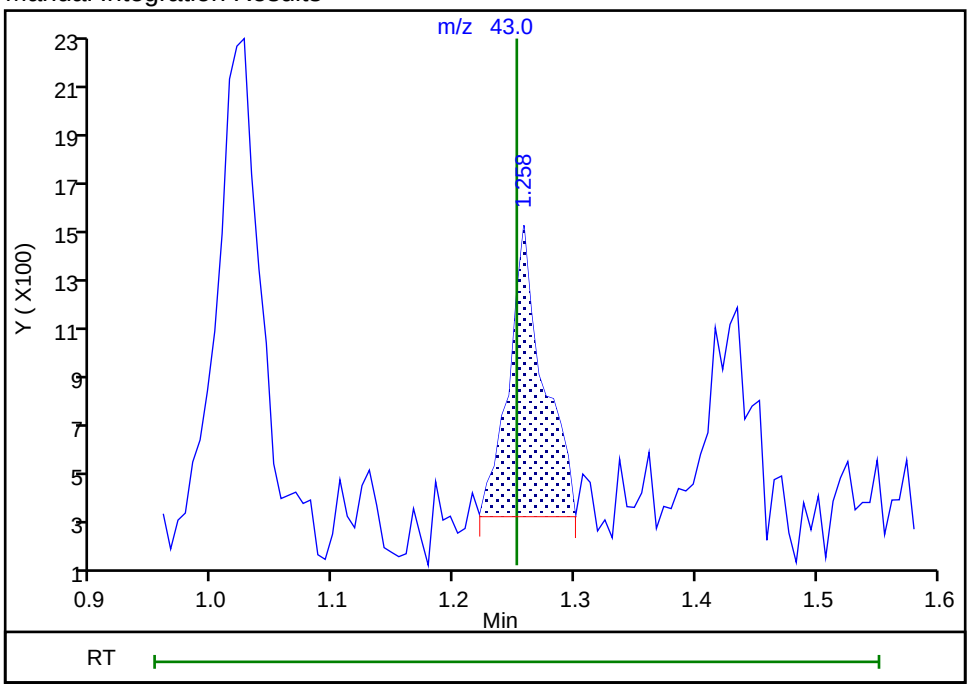
Processing Integration Results

RT: 1.26
Area: 3222
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.26
Area: 2329
Amount: 4.859904
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:46:01
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

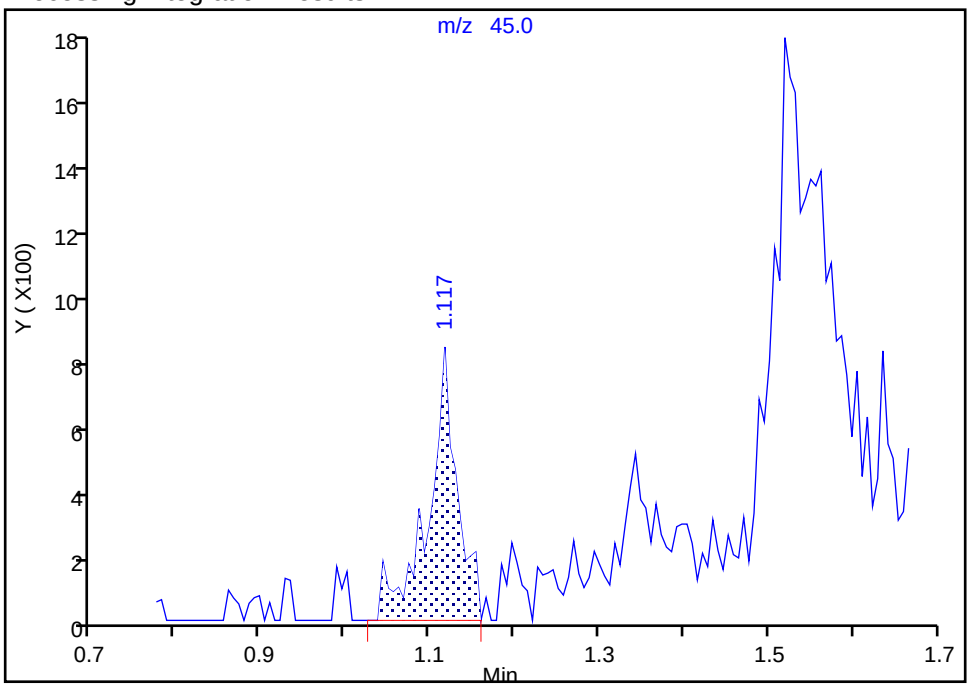
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

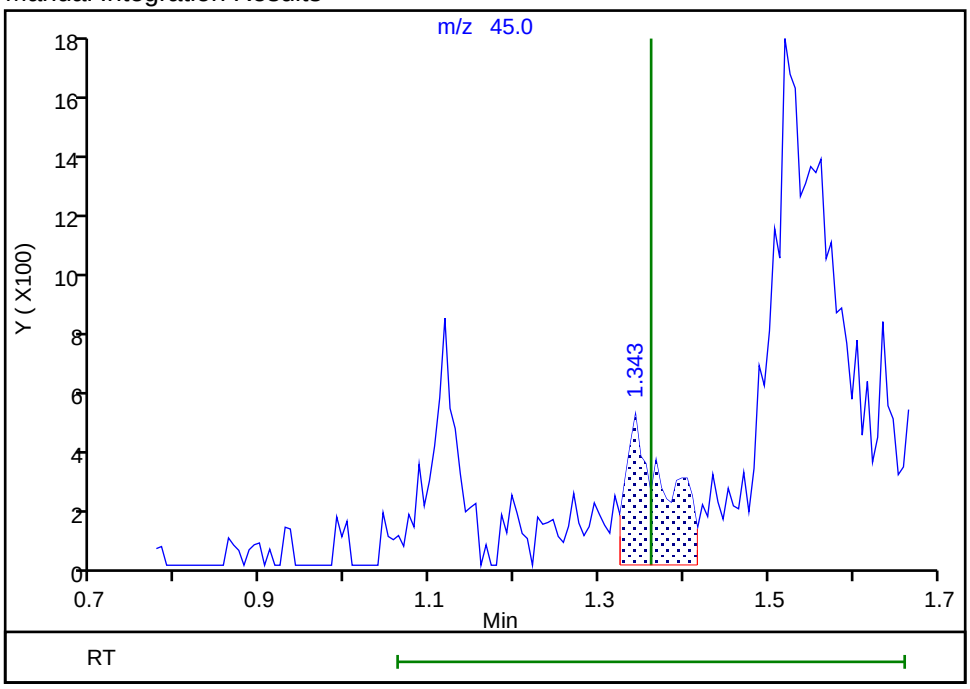
Processing Integration Results

RT: 1.12
Area: 1947
Amount: 10.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 1675
Amount: 11.943638
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:50:05
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

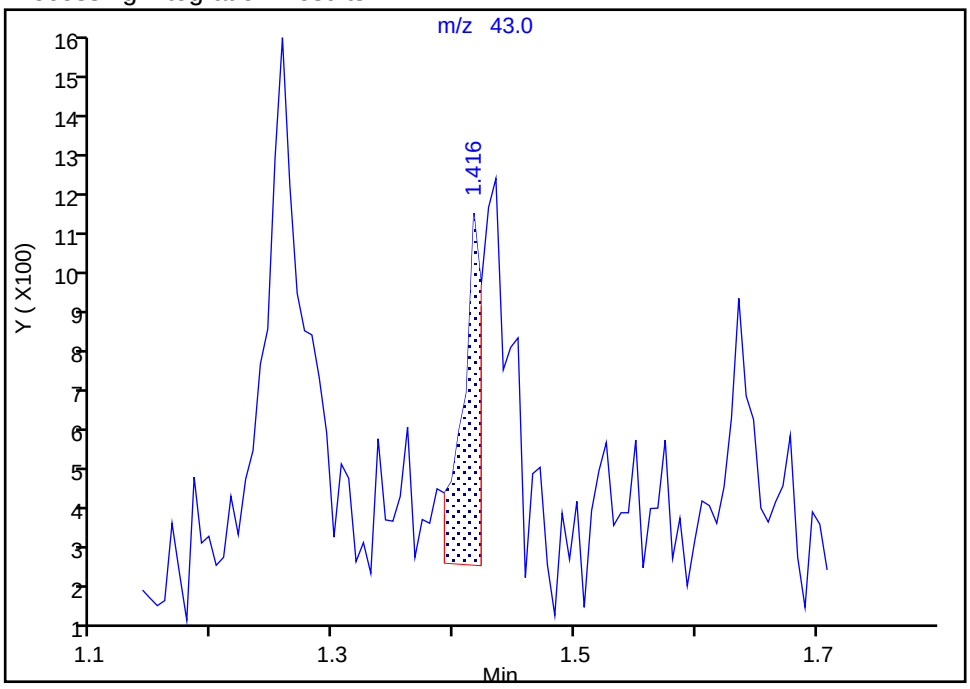
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

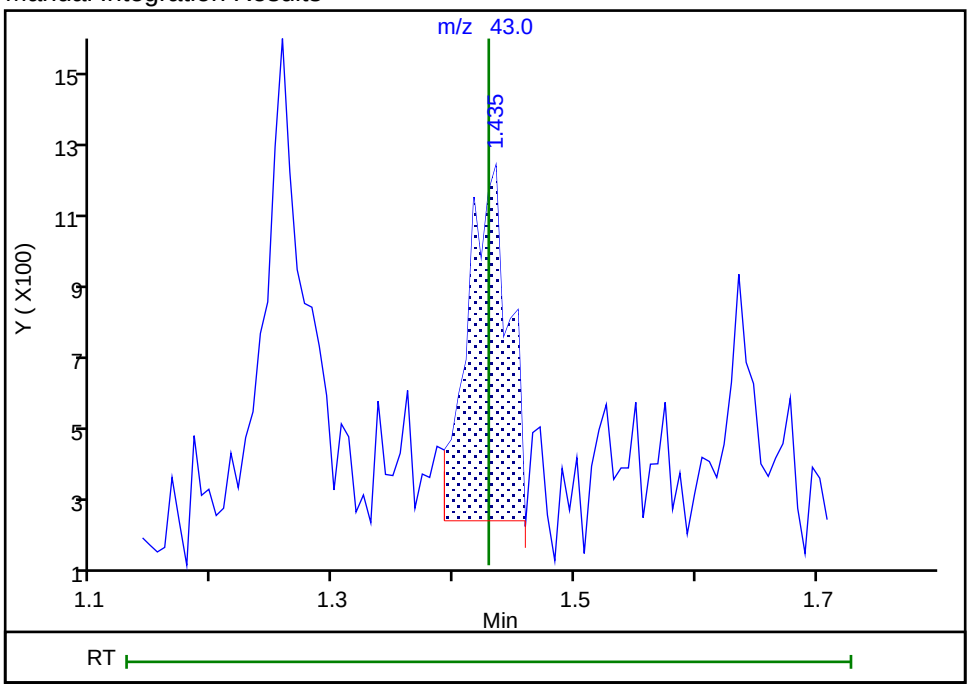
Processing Integration Results

RT: 1.42
Area: 950
Amount: 1.145258
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2211
Amount: 1.786334
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:37:33
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

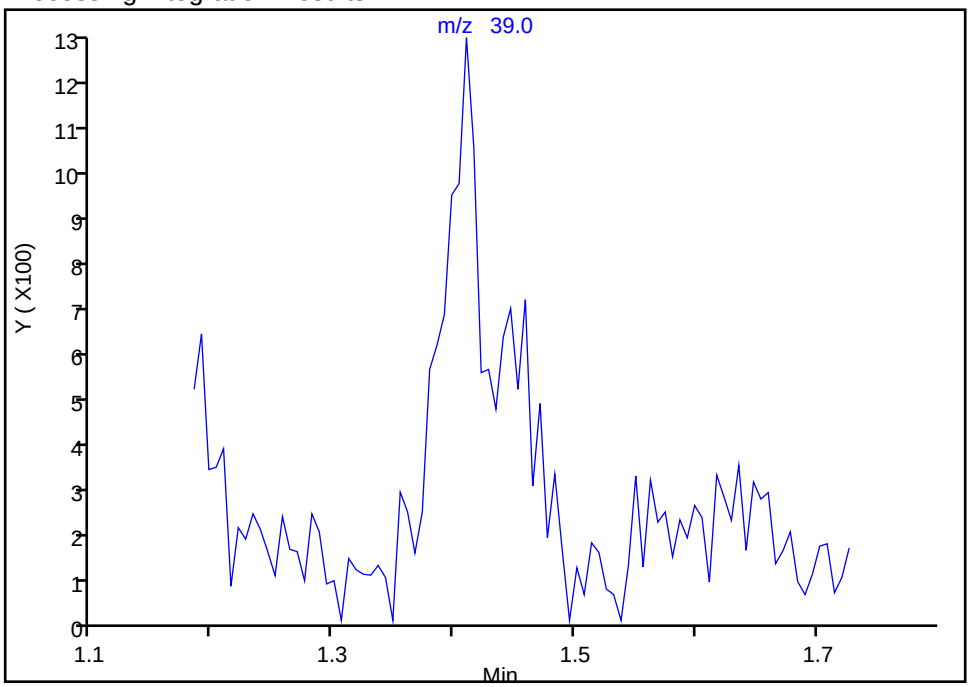
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

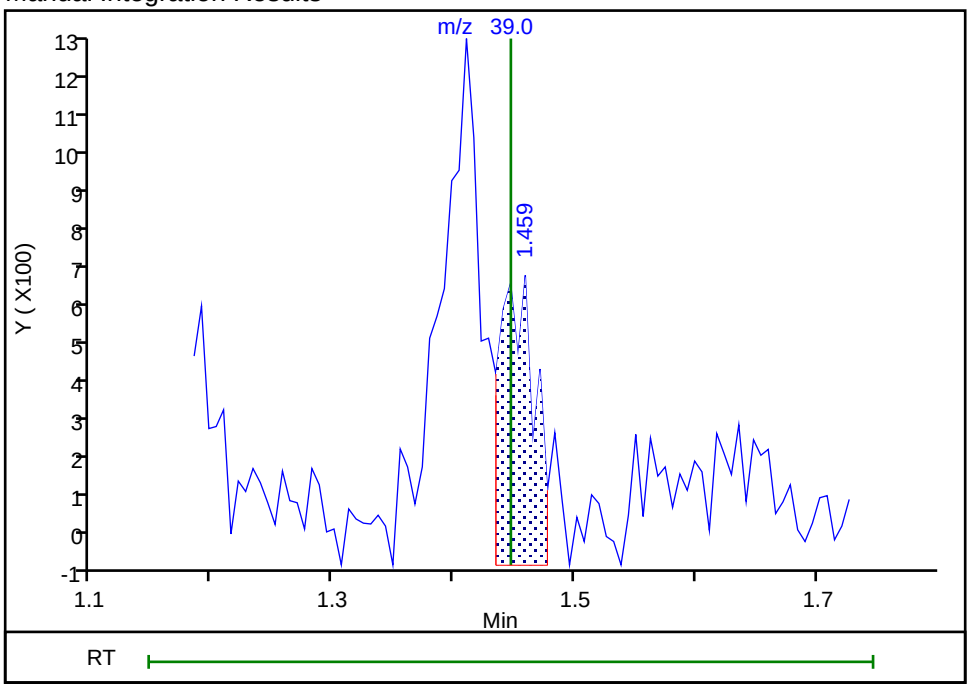
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.46
Area: 1423
Amount: 11.946879
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:37:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

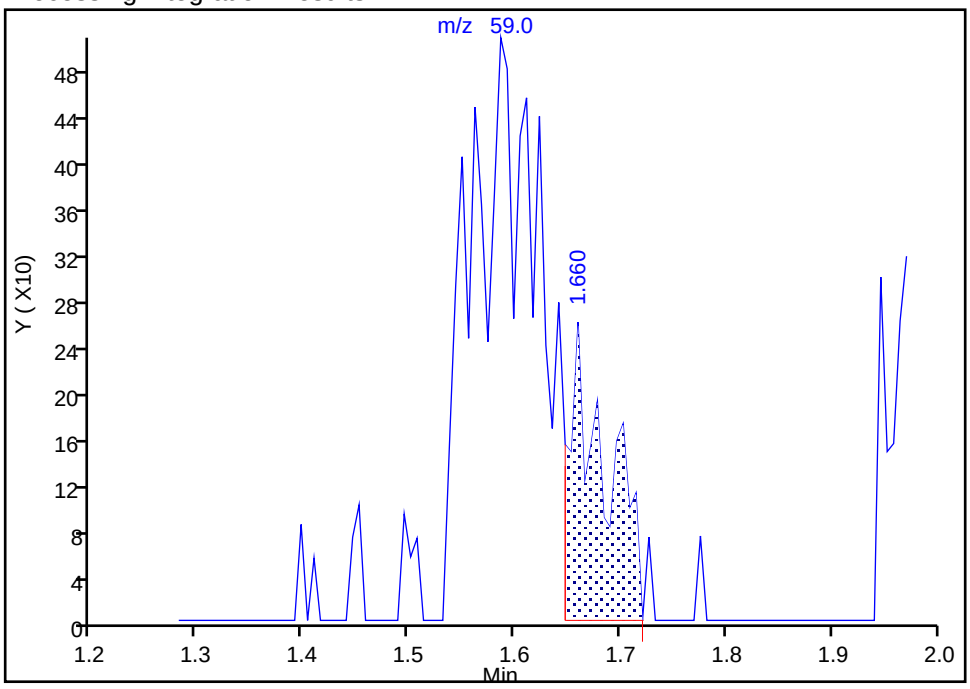
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

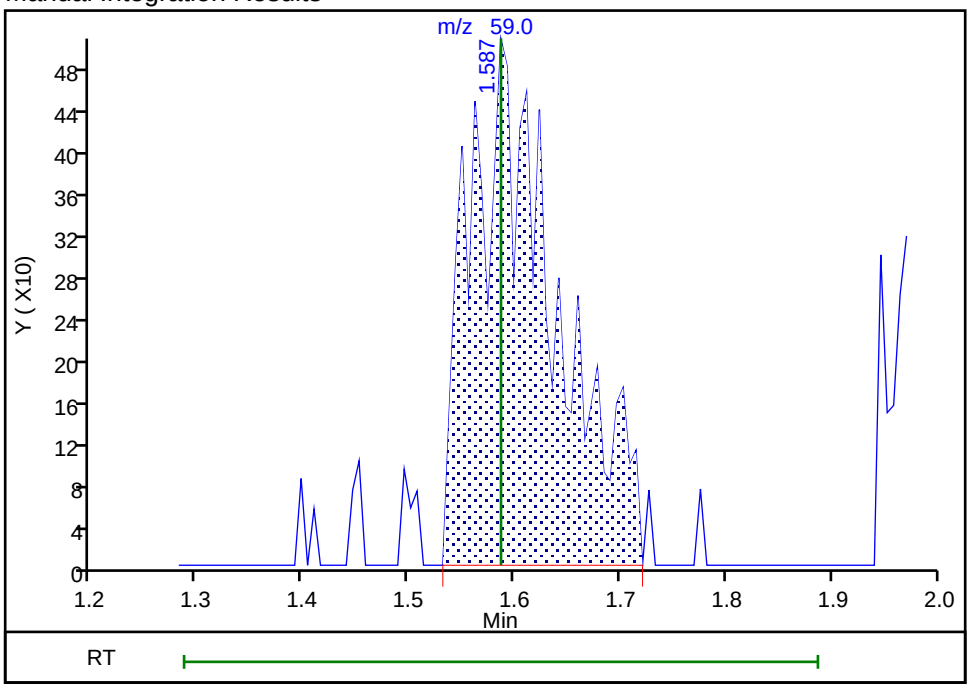
Processing Integration Results

RT: 1.66
Area: 626
Amount: 10.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 2816
Amount: 11.278933
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:38:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

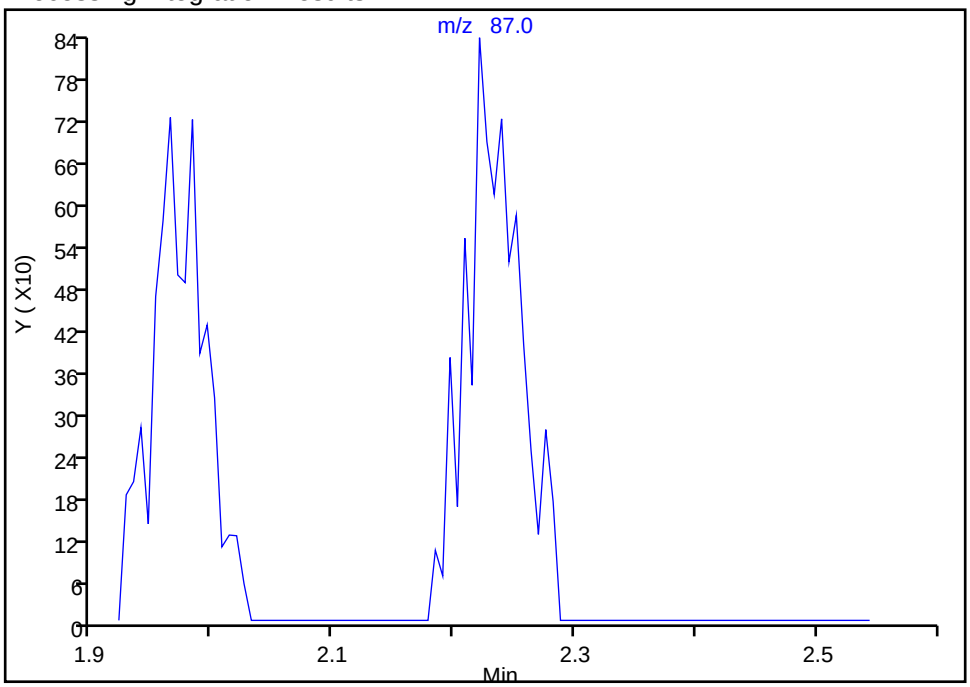
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

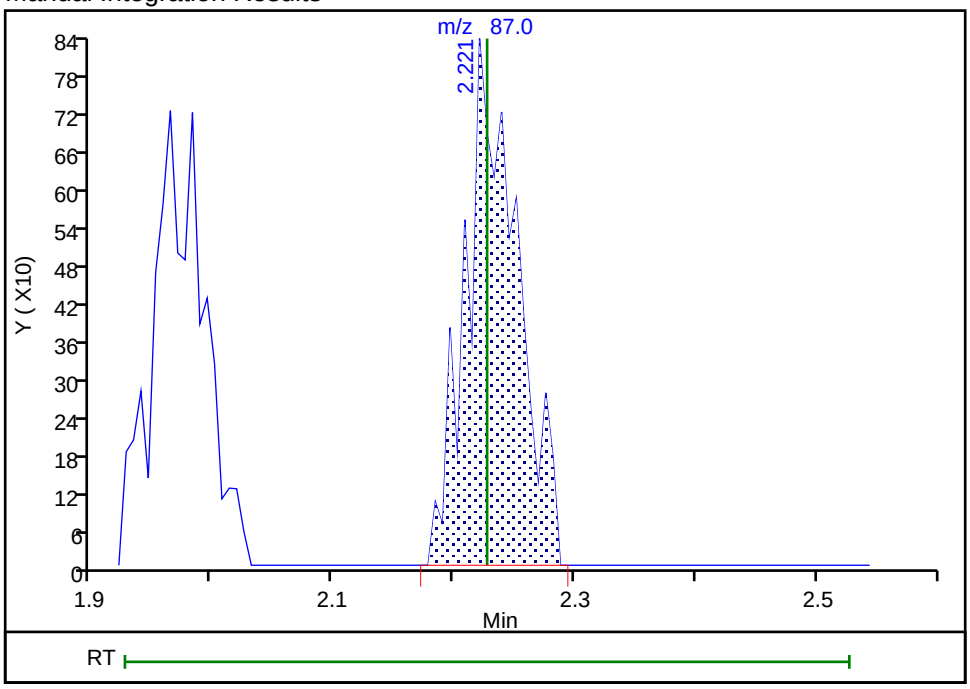
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.22
Area: 2479
Amount: 0.895512
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:38:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

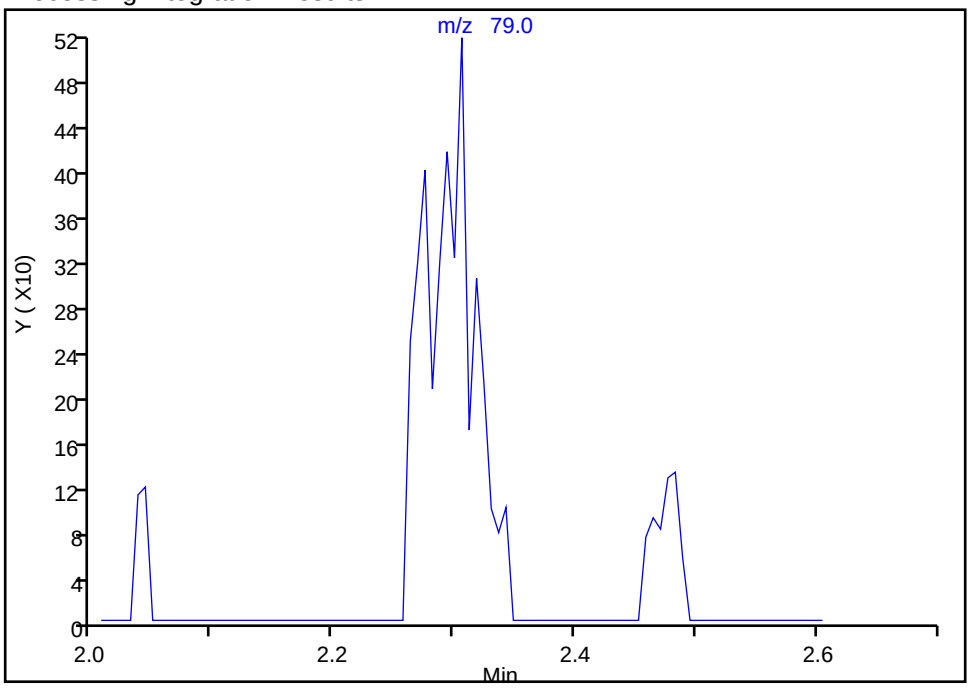
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

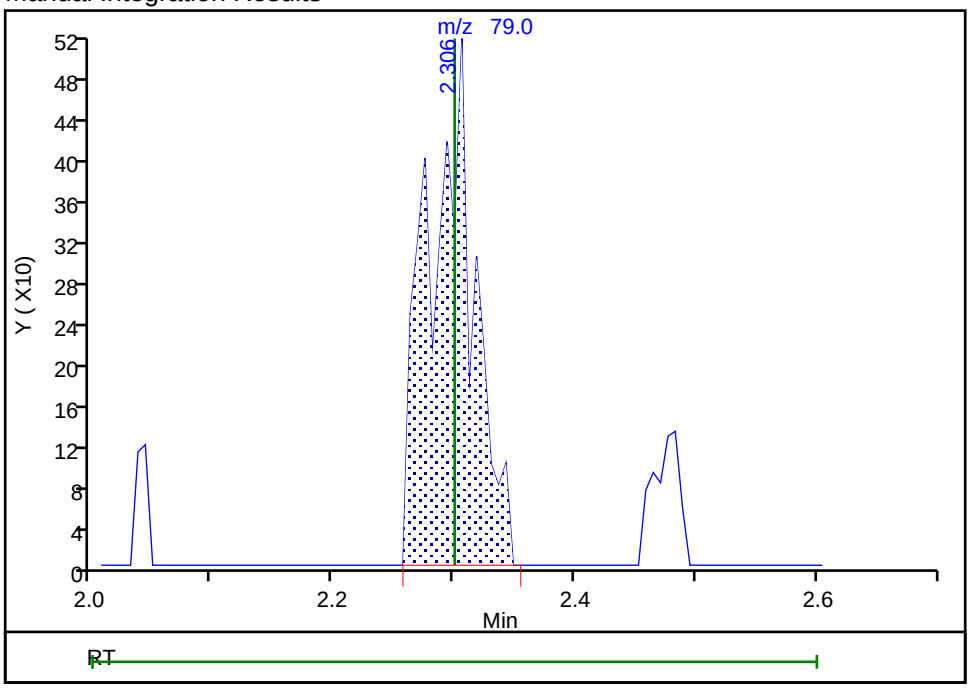
Not Detected
Expected RT: 2.30

Processing Integration Results



Manual Integration Results

RT: 2.31
Area: 1339
Amount: 1.121799
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:38:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

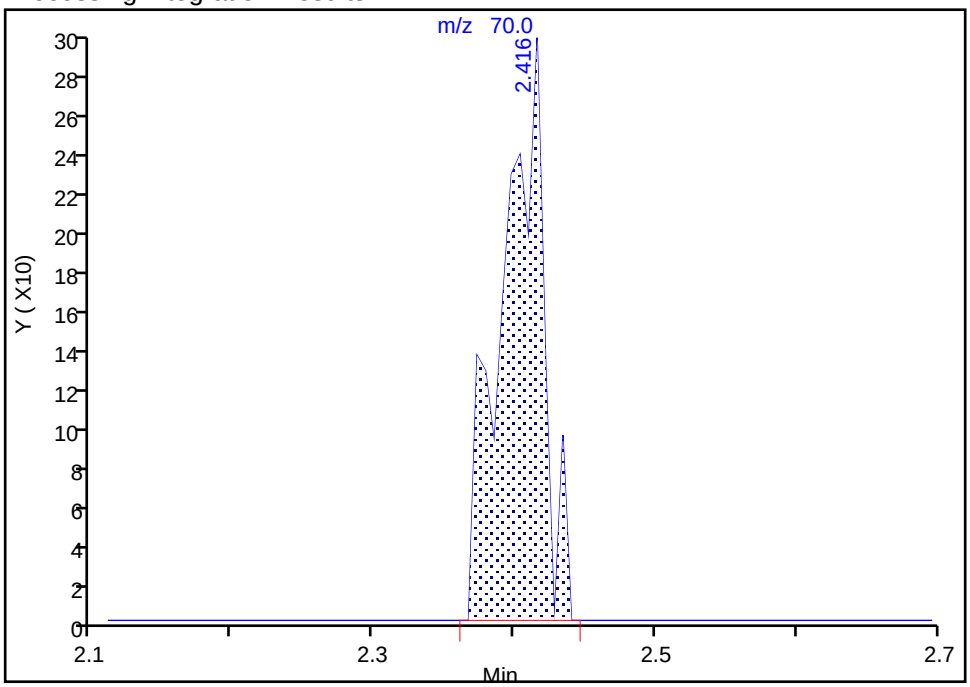
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

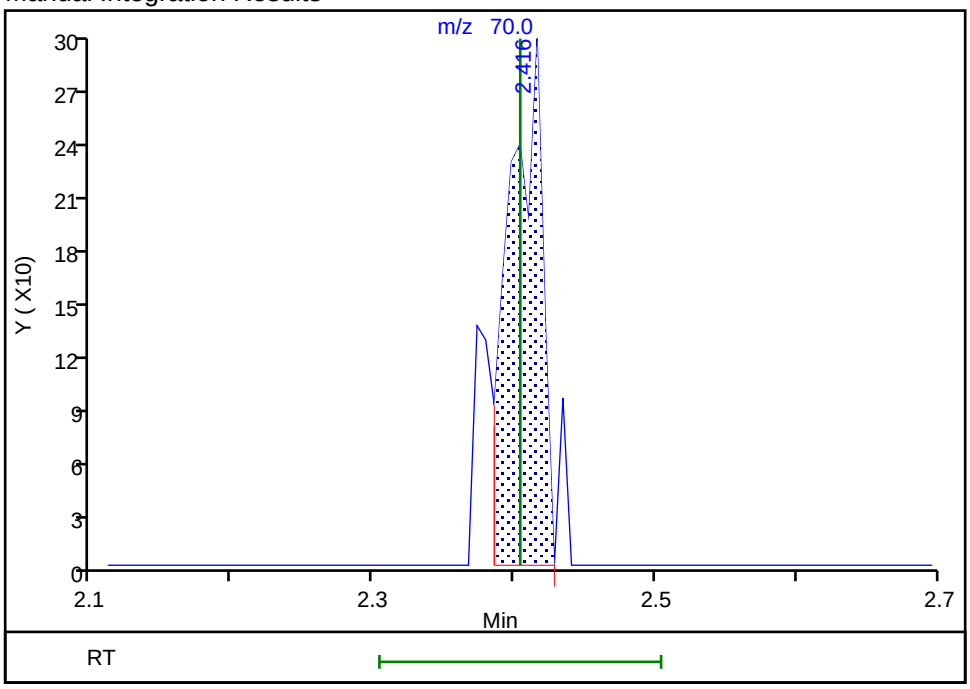
Processing Integration Results

RT: 2.42
Area: 625
Amount: 3.396003
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 493
Amount: 2.455304
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:52:03
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

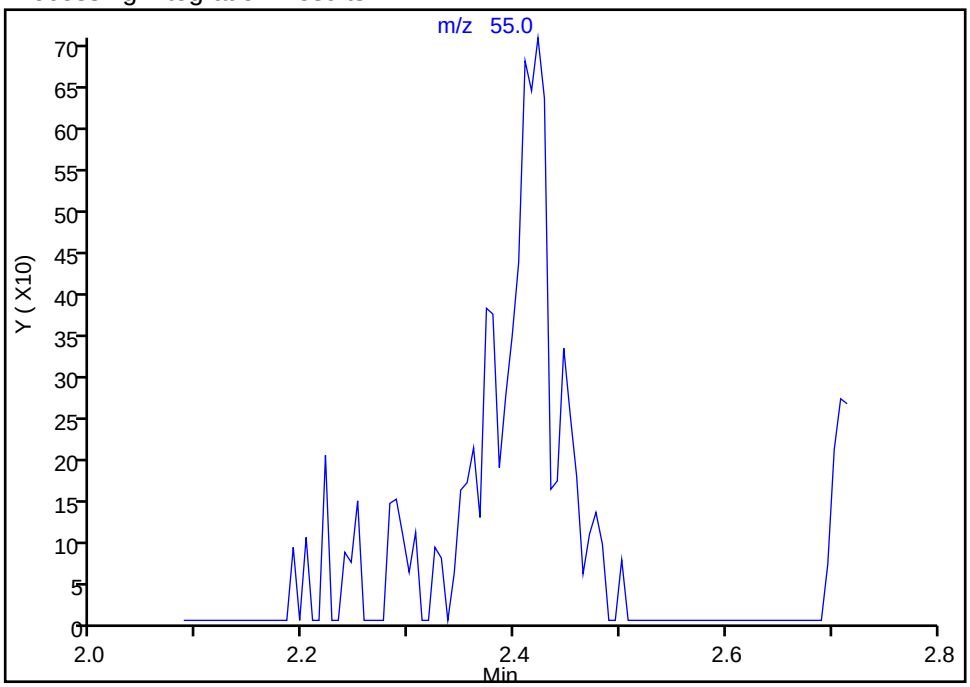
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

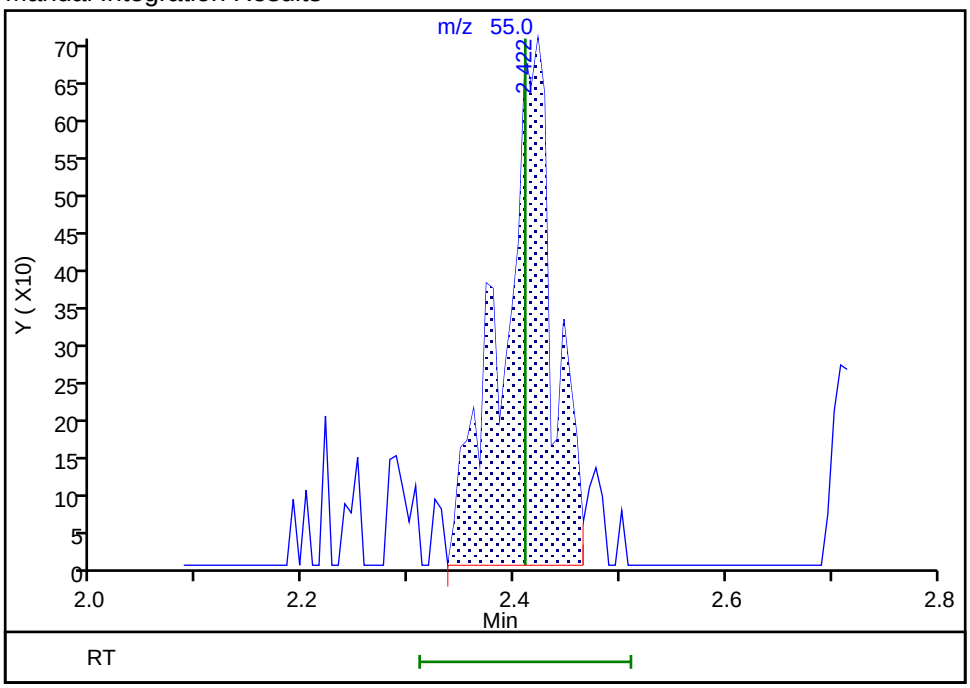
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.42
Area: 2363
Amount: 1.047423
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:38:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

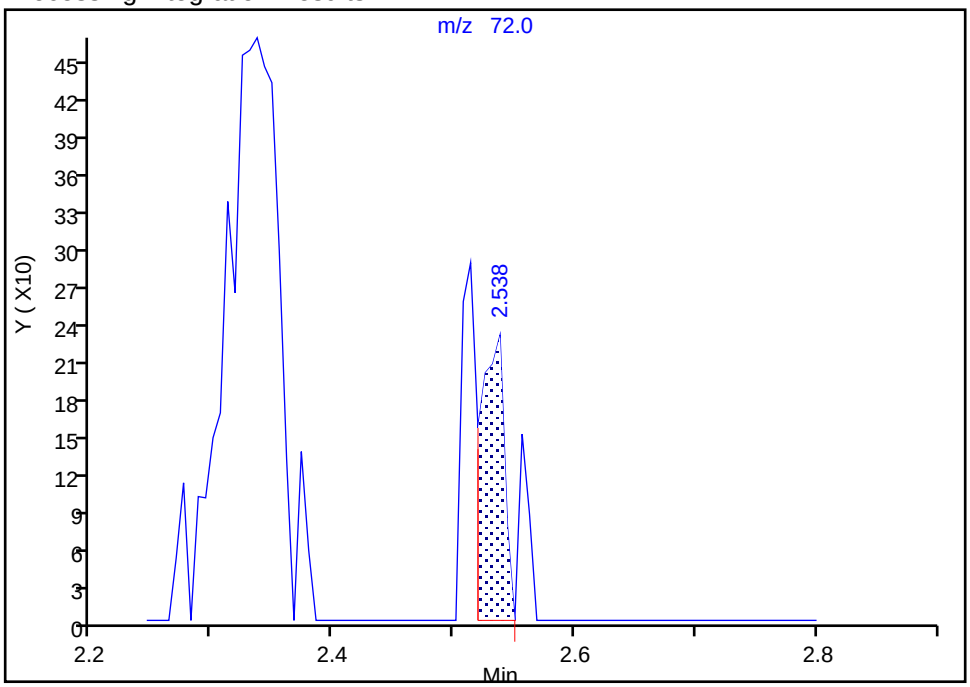
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

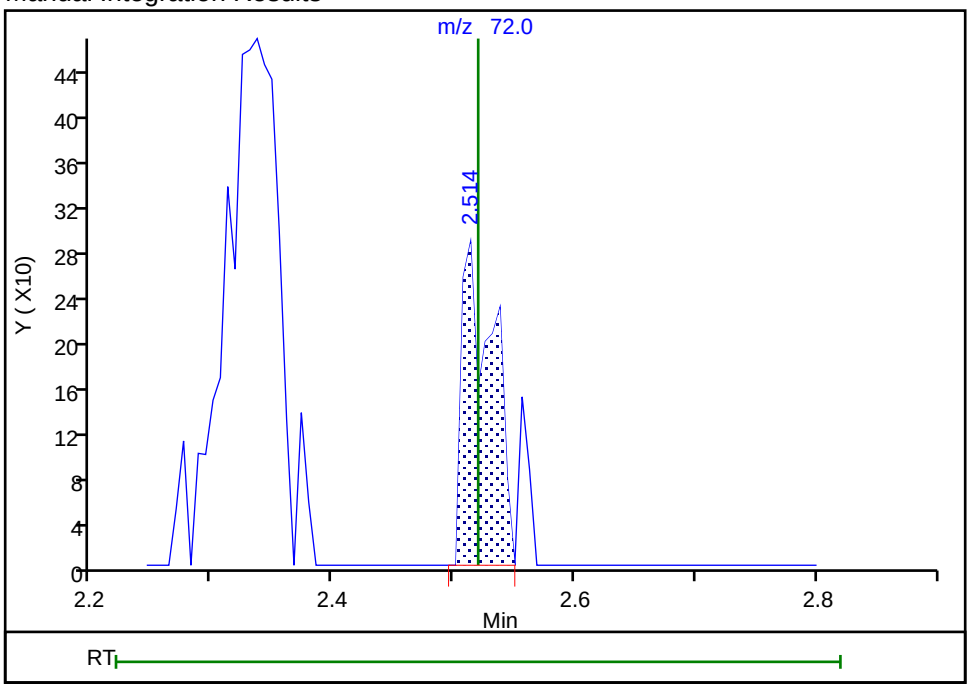
Processing Integration Results

RT: 2.54
Area: 315
Amount: 2.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 513
Amount: 1.918363
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:52:32
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

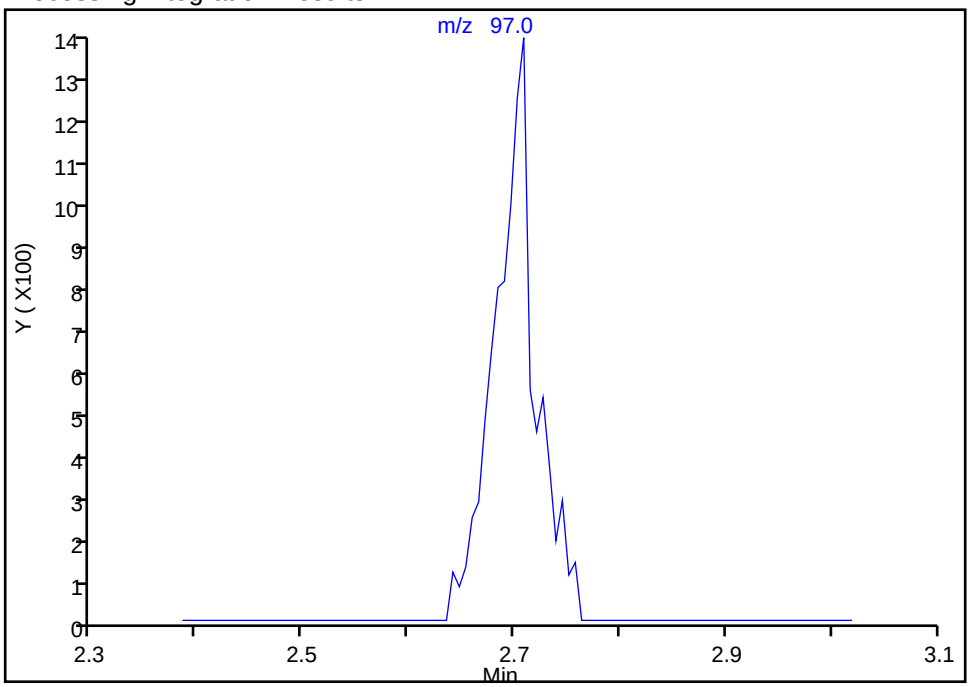
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

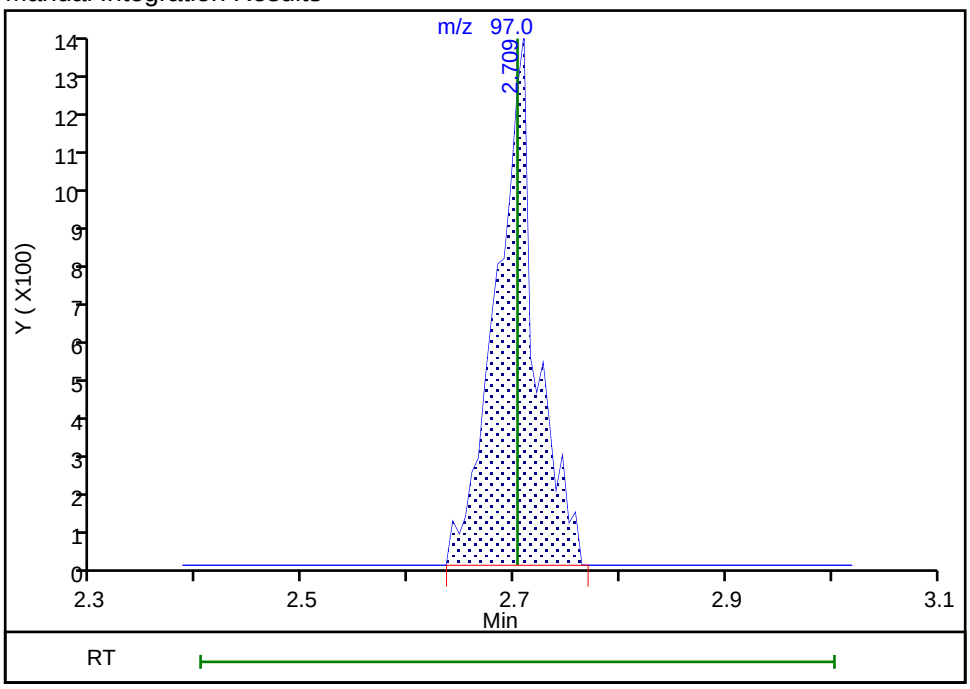
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.71
Area: 3409
Amount: 0.975352
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:38:42
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

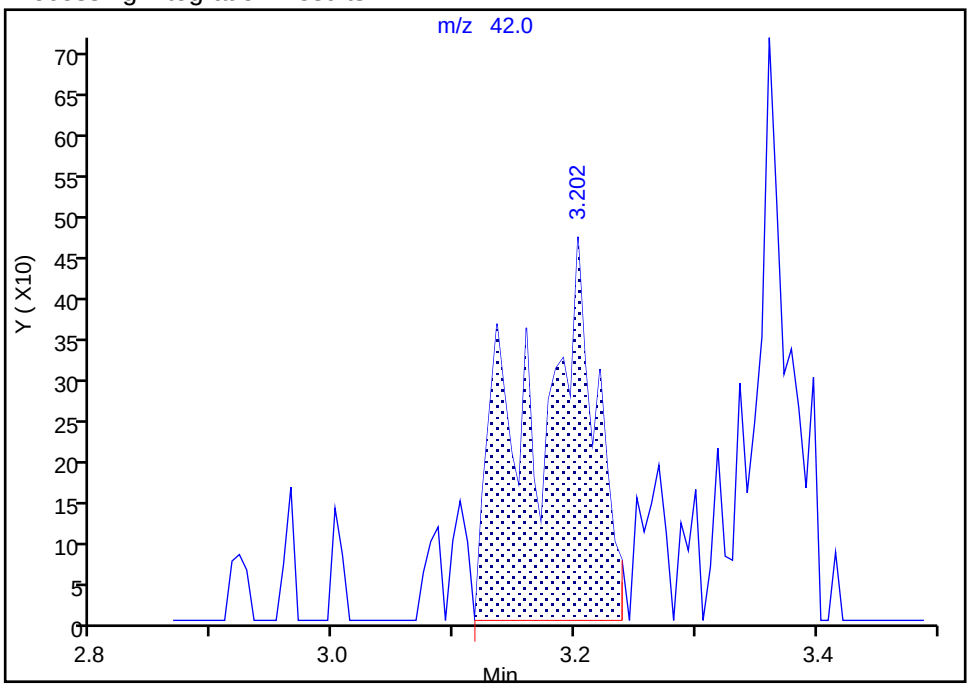
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

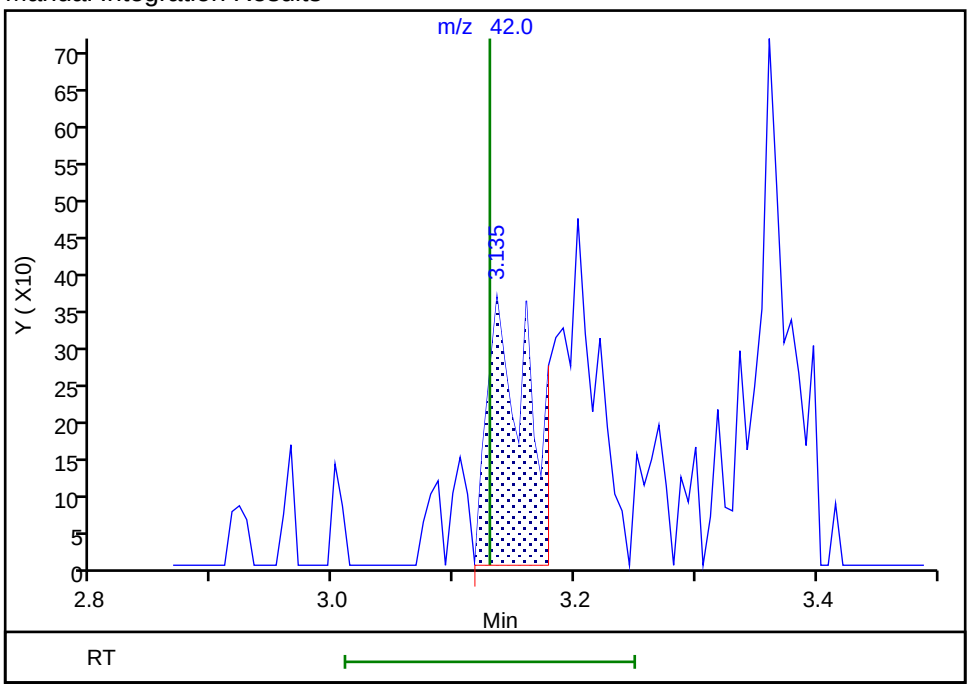
Processing Integration Results

RT: 3.20
Area: 1801
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.14
Area: 861
Amount: 14.991757
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:54:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

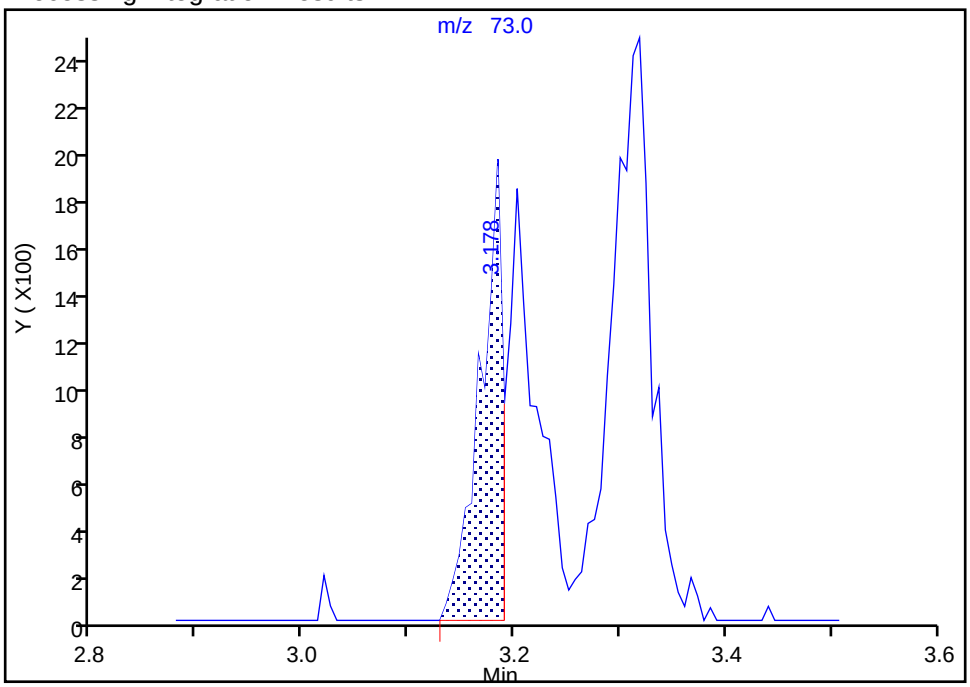
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

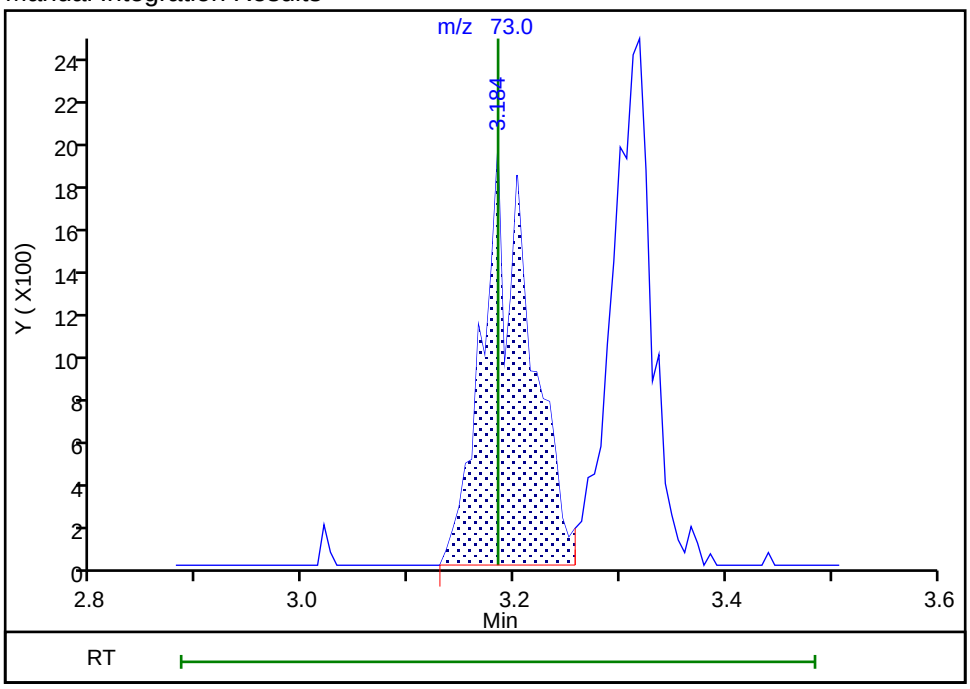
Processing Integration Results

RT: 3.18
Area: 2899
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.18
Area: 6157
Amount: 0.822137
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:39:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

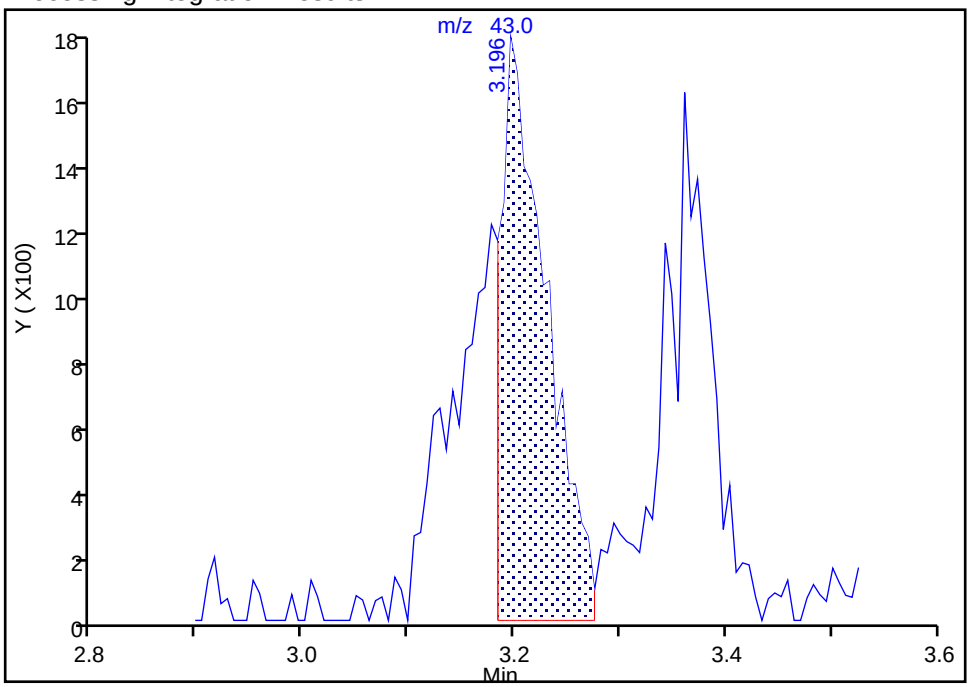
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

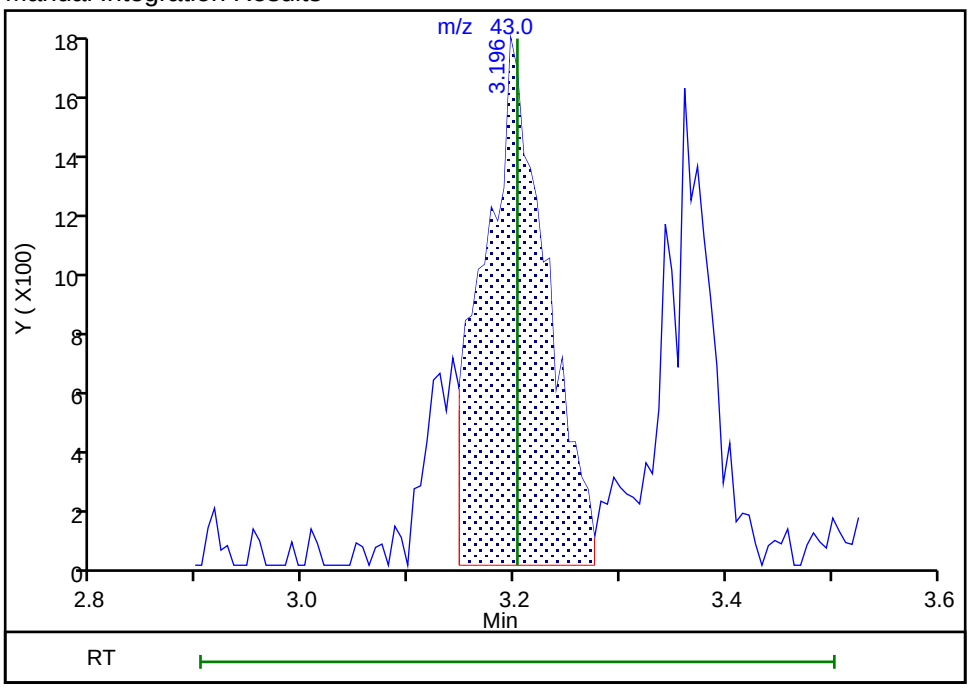
Processing Integration Results

RT: 3.20
Area: 5253
Amount: 0.553008
Amount Units: ug/l



Manual Integration Results

RT: 3.20
Area: 7220
Amount: 0.881131
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:04:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

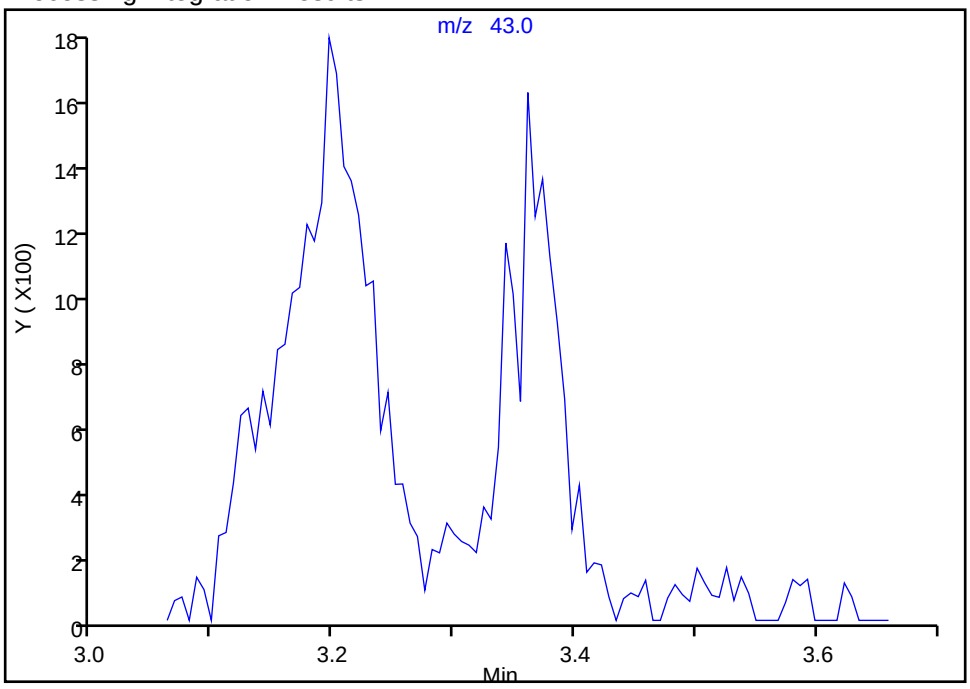
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

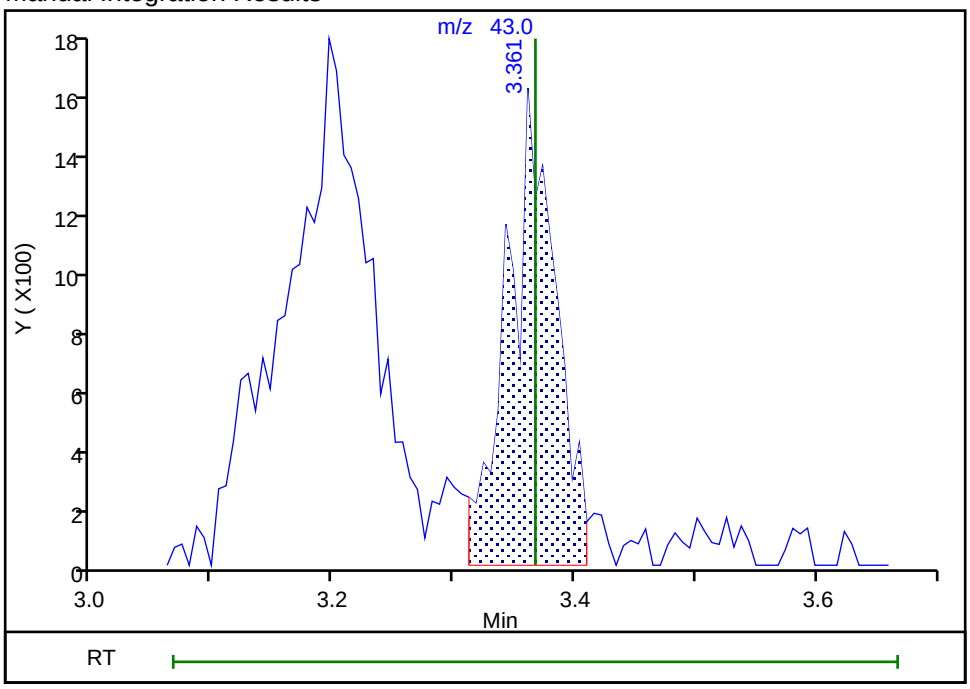
Not Detected
Expected RT: 3.37

Processing Integration Results



Manual Integration Results

RT: 3.36
Area: 4358
Amount: 1.023221
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:39:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

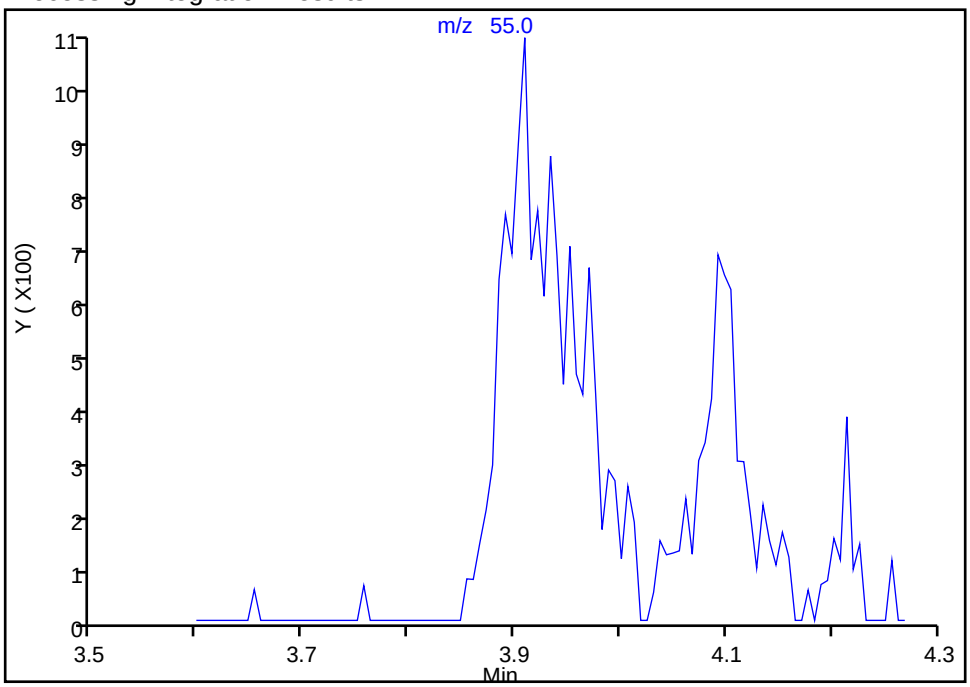
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Ethyl acrylate, CAS: 140-88-5

Signal: 1

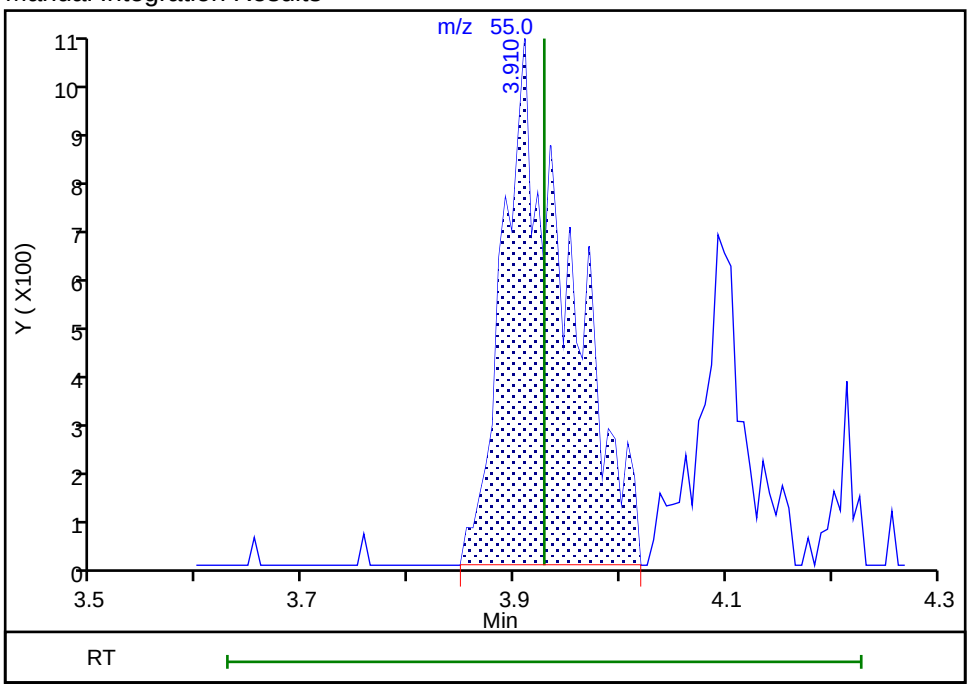
Not Detected
Expected RT: 3.93

Processing Integration Results



Manual Integration Results

RT: 3.91
Area: 4463
Amount: 0.770096
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:28:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

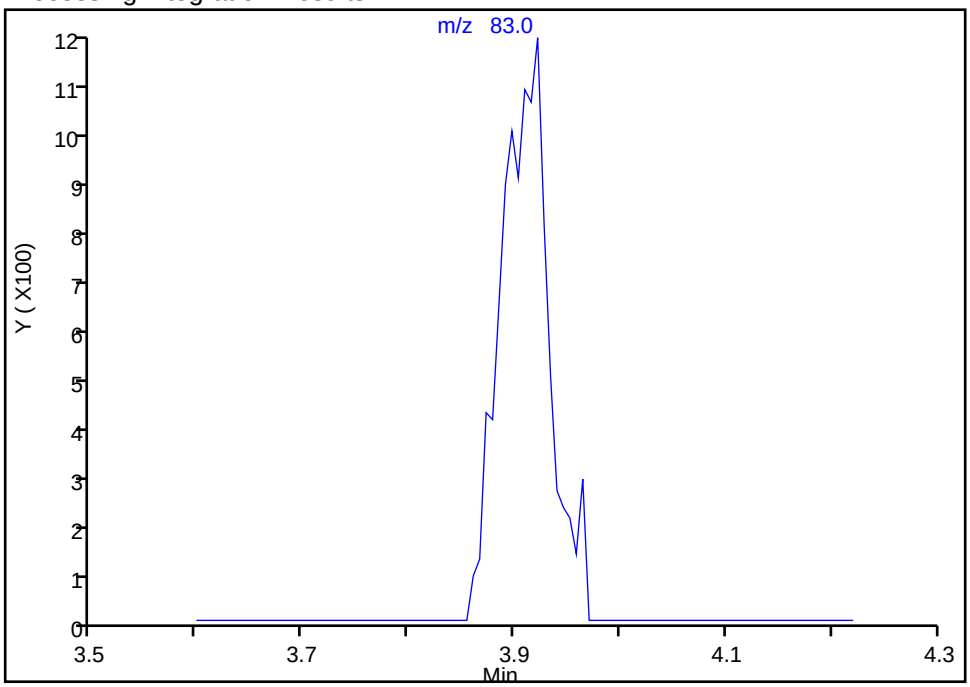
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Signal: 1

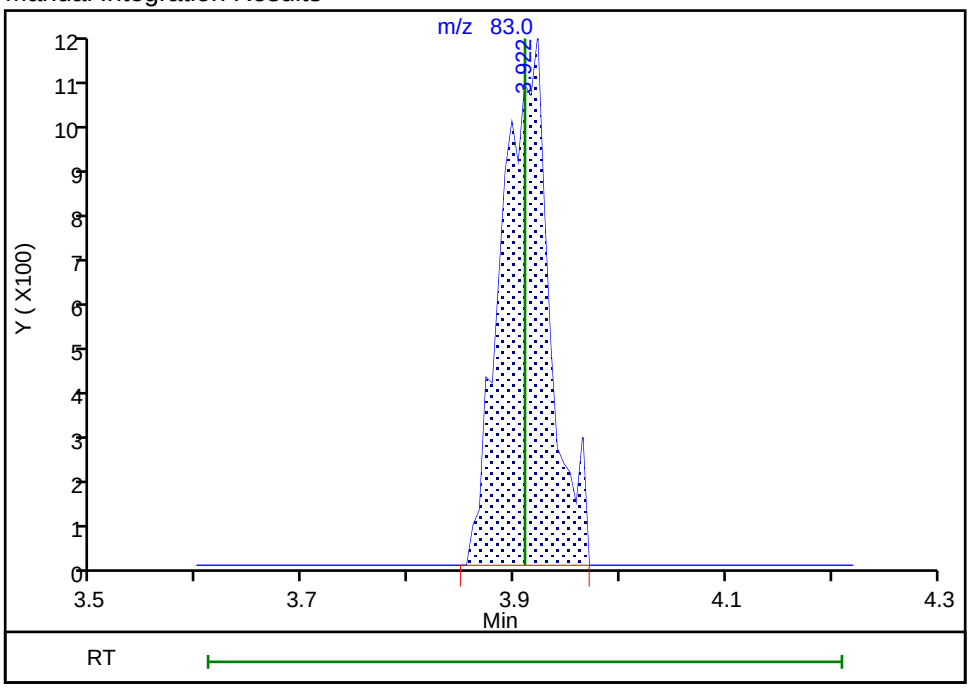
Not Detected
Expected RT: 3.91

Processing Integration Results



Manual Integration Results

RT: 3.92
Area: 3681
Amount: 0.817480
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:39:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

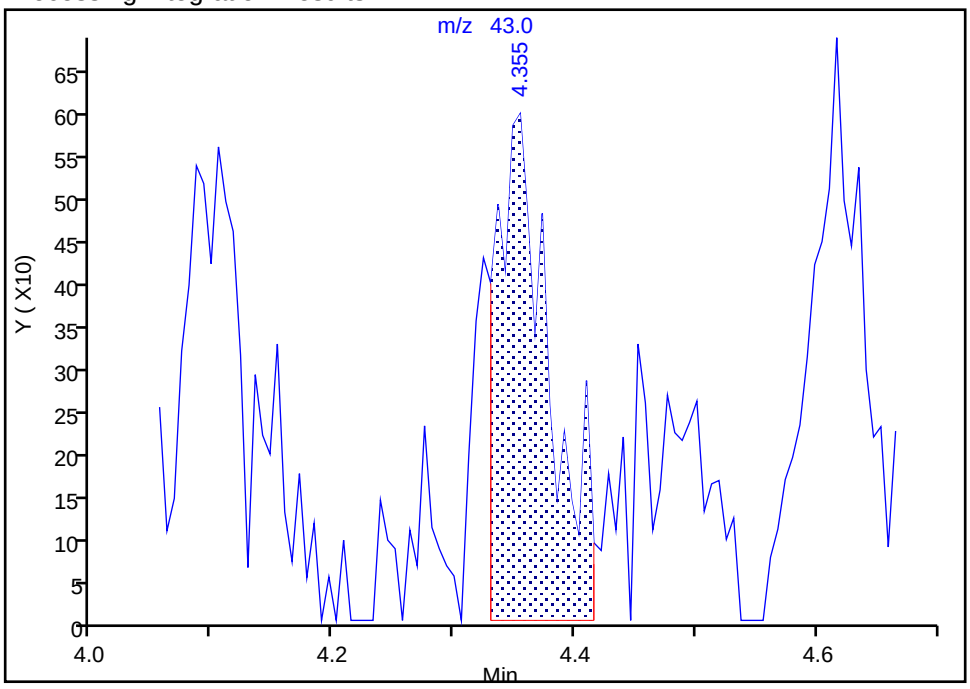
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

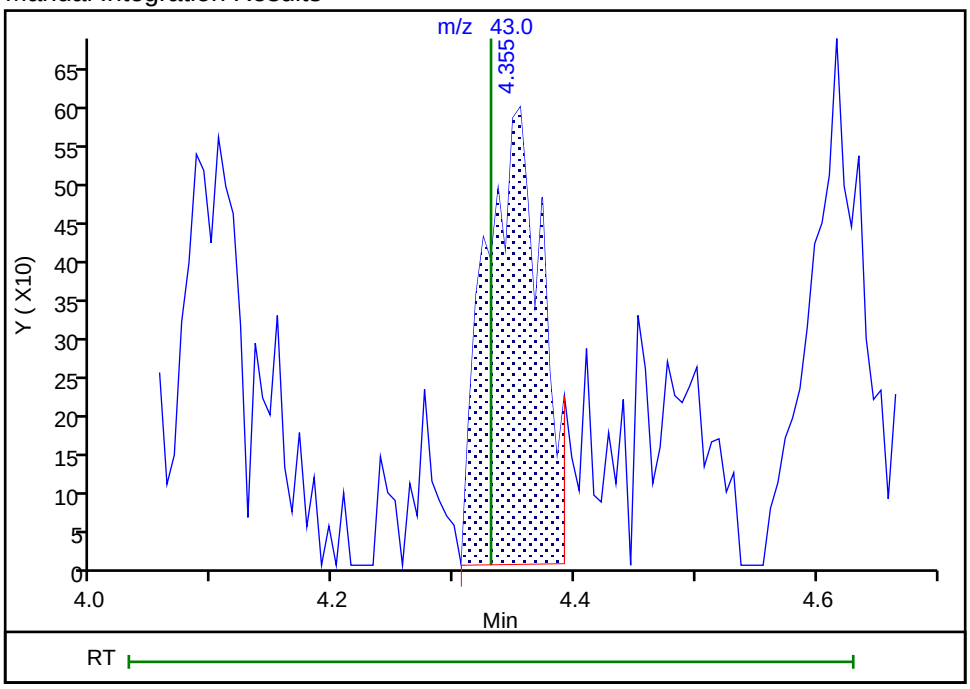
Processing Integration Results

RT: 4.35
Area: 1813
Amount: 0.736187
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 1939
Amount: 0.780693
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:53:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

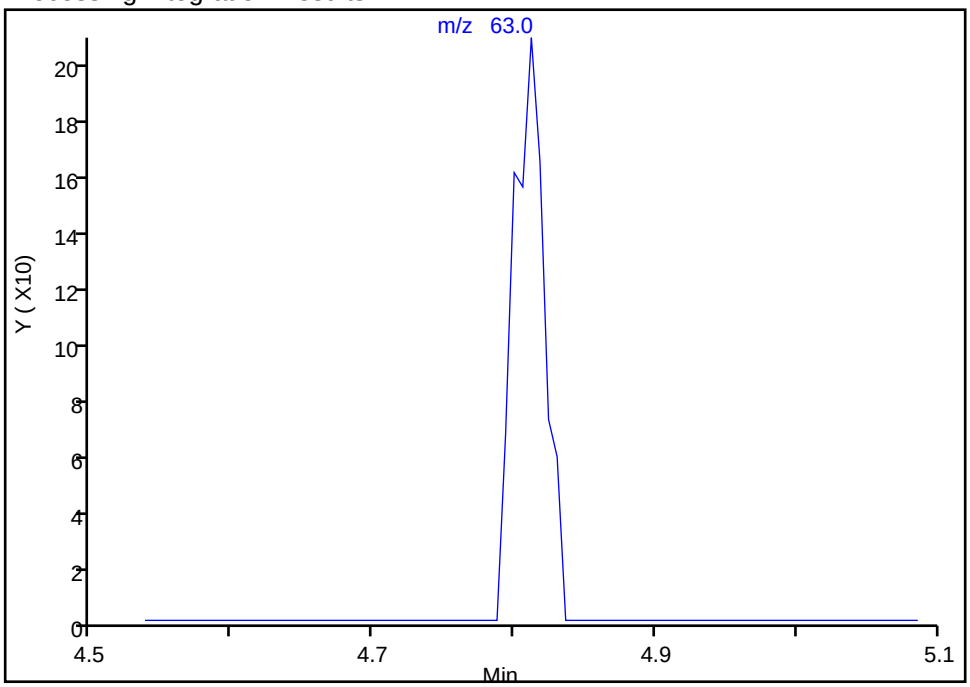
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

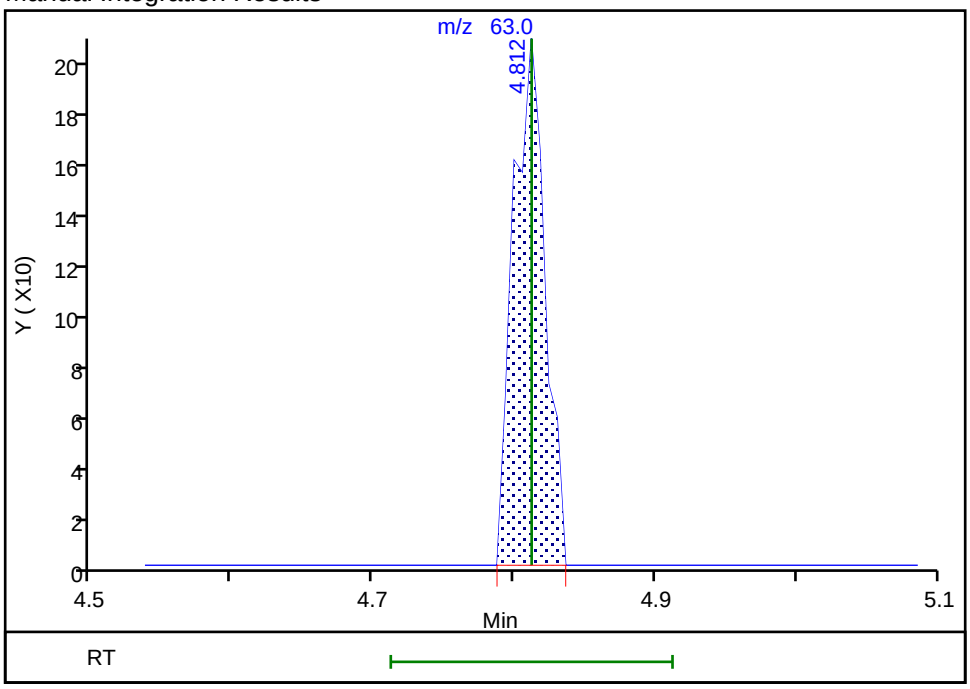
Not Detected
Expected RT: 4.81

Processing Integration Results



Manual Integration Results

RT: 4.81
Area: 315
Amount: 0.427106
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:39:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

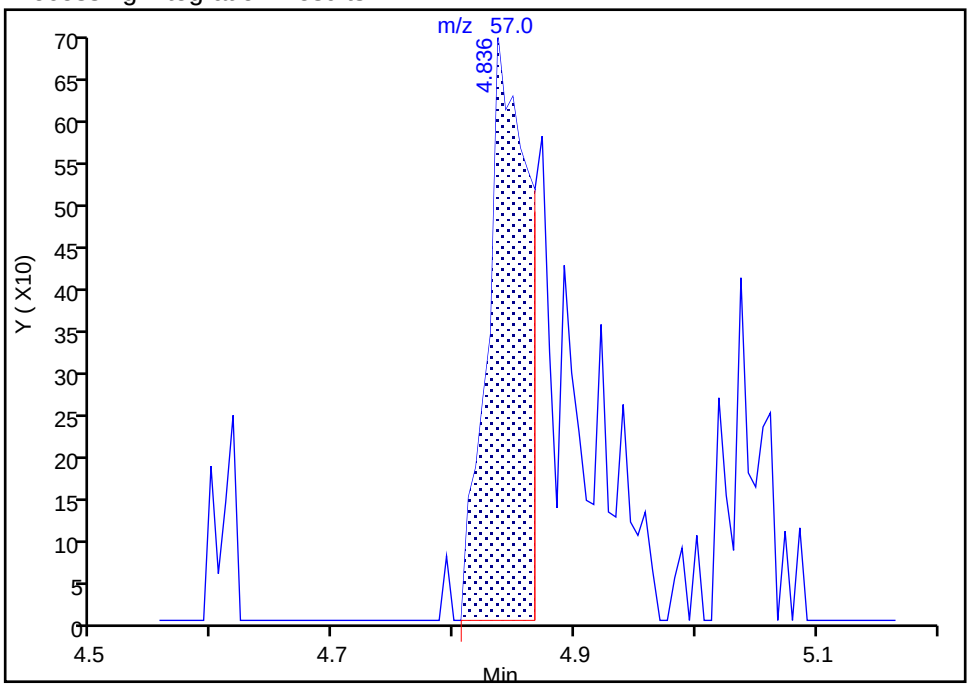
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

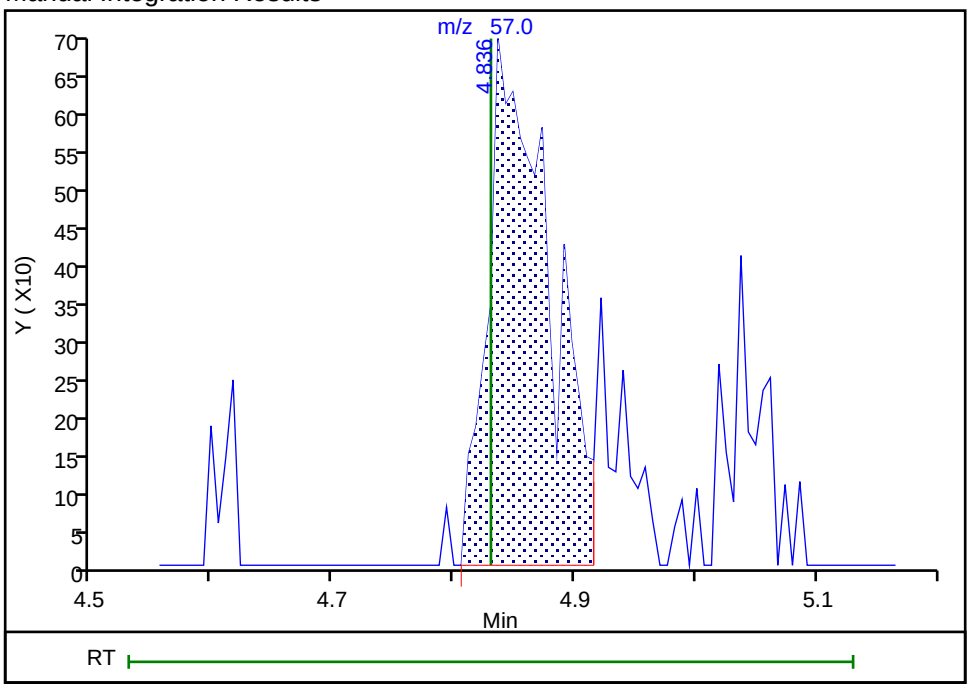
Processing Integration Results

RT: 4.84
Area: 1648
Amount: 9.207928
Amount Units: ug/l



Manual Integration Results

RT: 4.84
Area: 2479
Amount: 14.889512
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:10:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

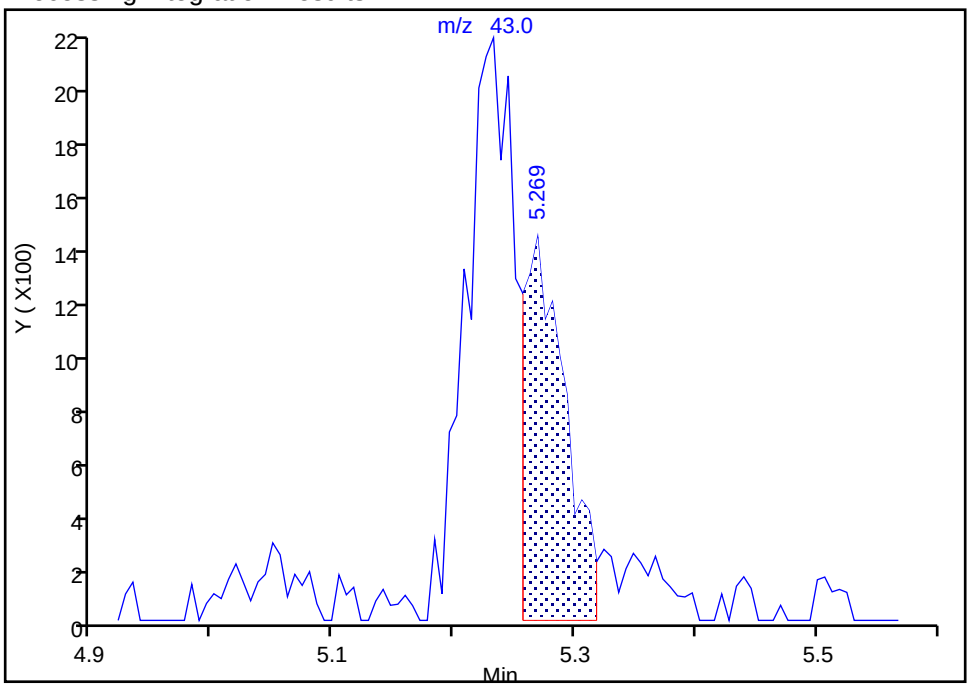
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

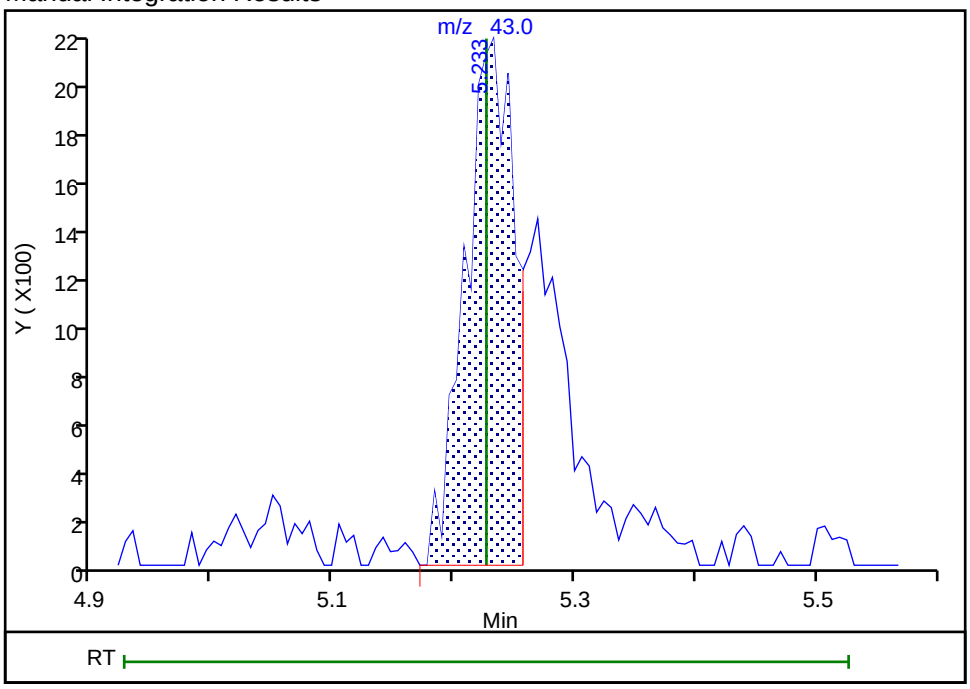
Processing Integration Results

RT: 5.27
Area: 3476
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 6123
Amount: 3.519104
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:39:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

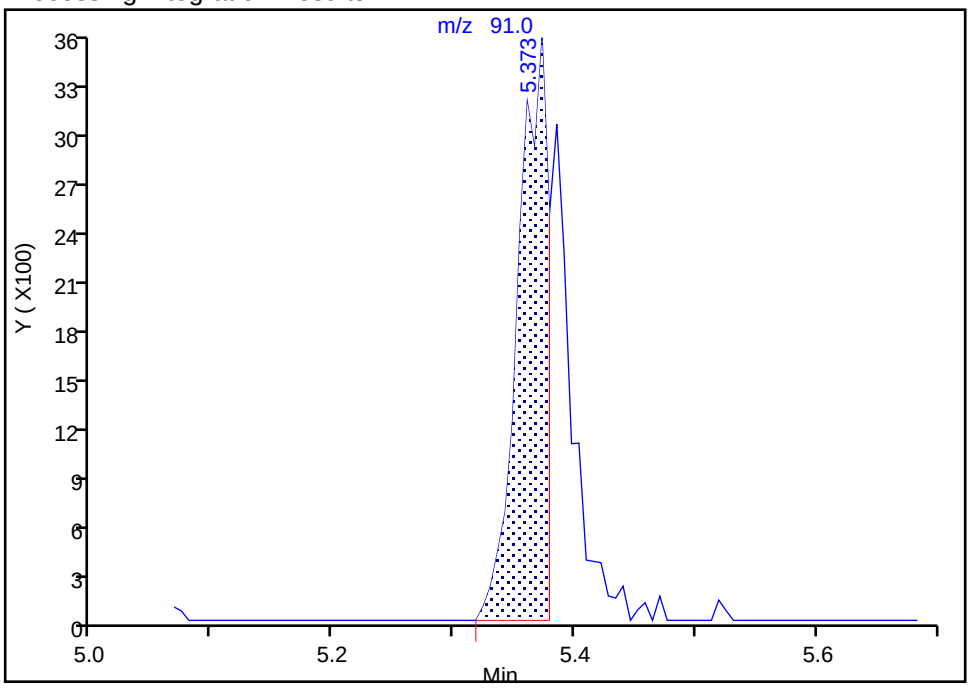
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 Toluene, CAS: 108-88-3

Signal: 1

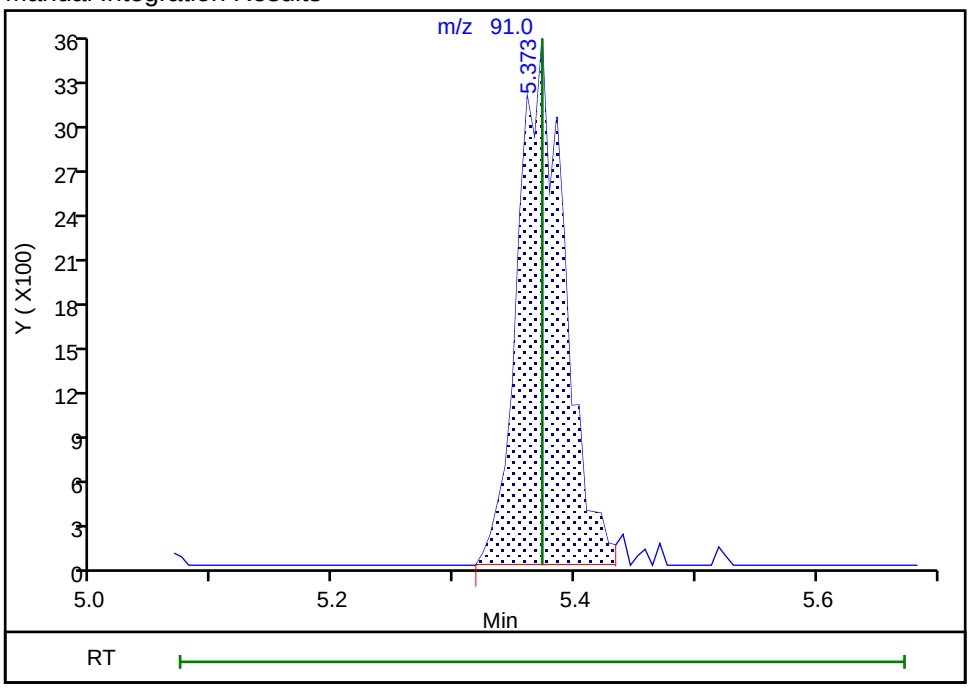
Processing Integration Results

RT: 5.37
Area: 6192
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 9342
Amount: 0.952871
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:40:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

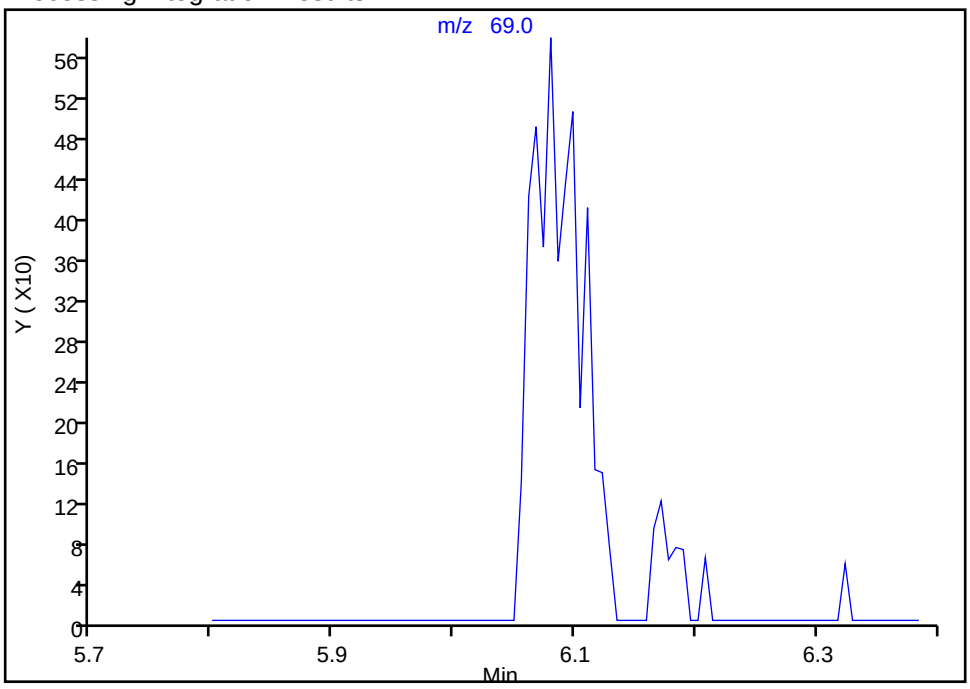
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

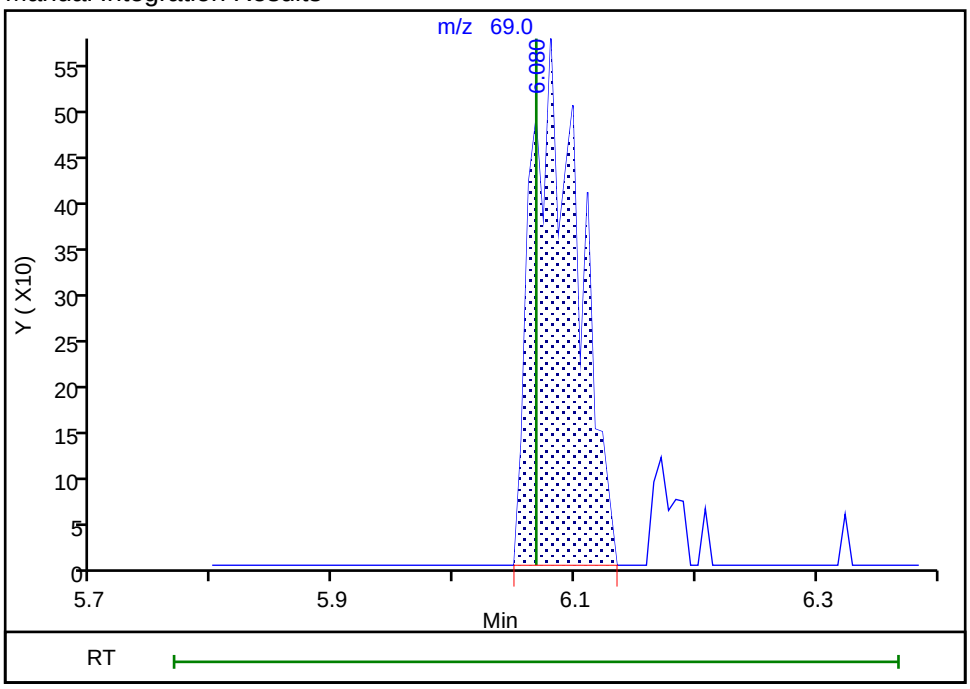
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.08
Area: 1559
Amount: 1.016320
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:40:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

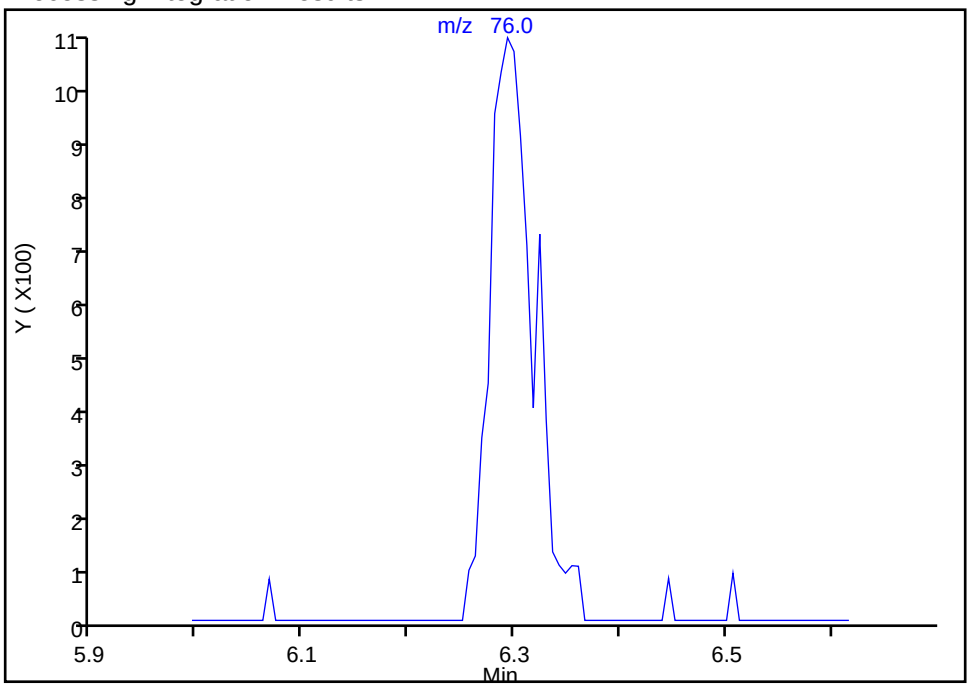
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

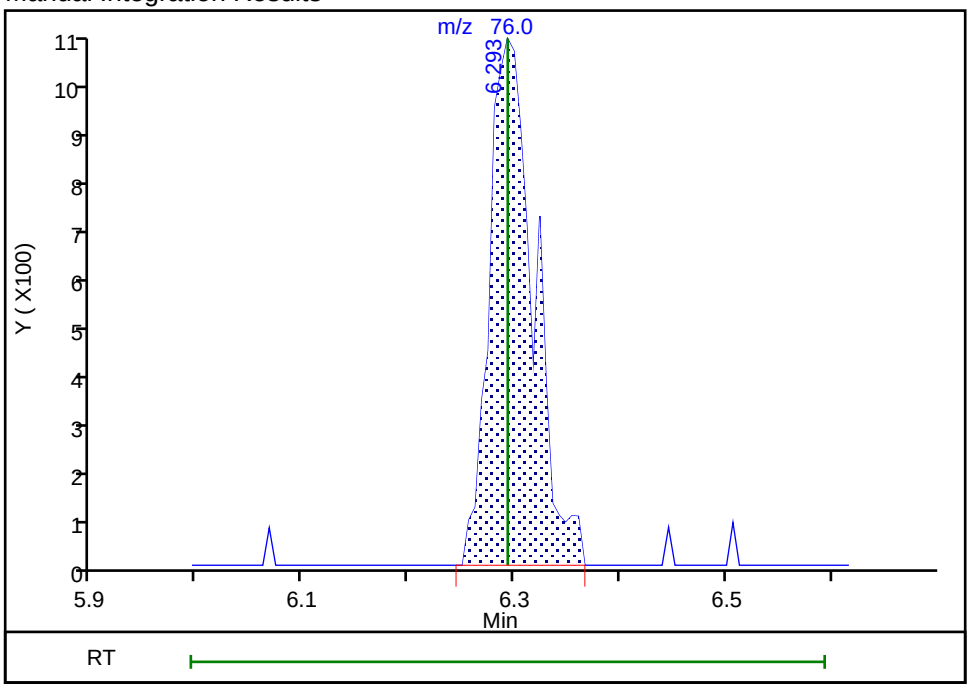
Not Detected
Expected RT: 6.29

Processing Integration Results



Manual Integration Results

RT: 6.29
Area: 2973
Amount: 0.950954
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:40:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

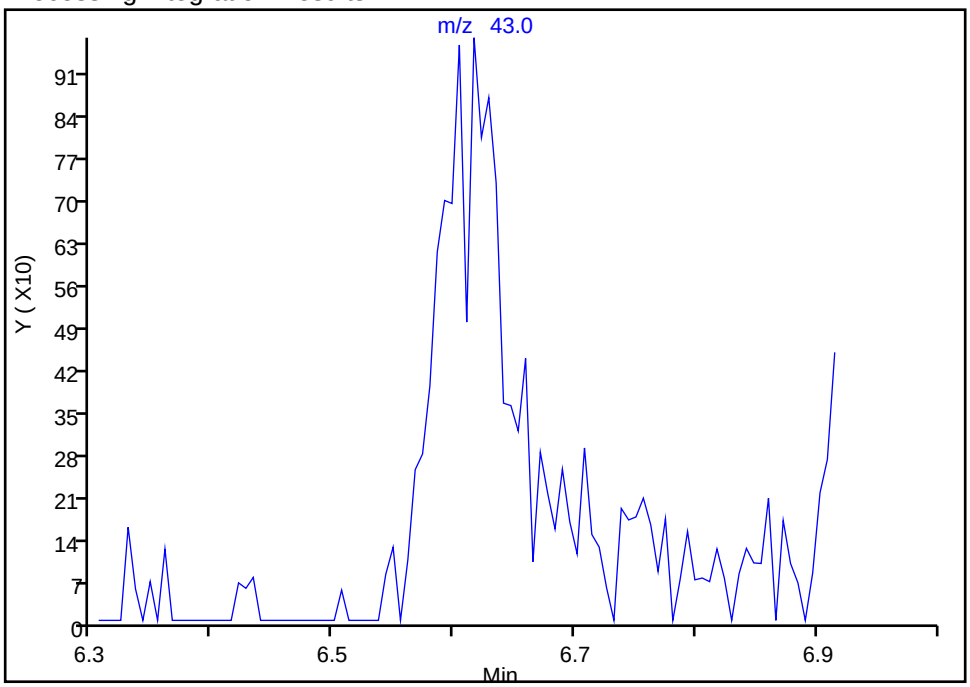
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 2-Hexanone, CAS: 591-78-6

Signal: 1

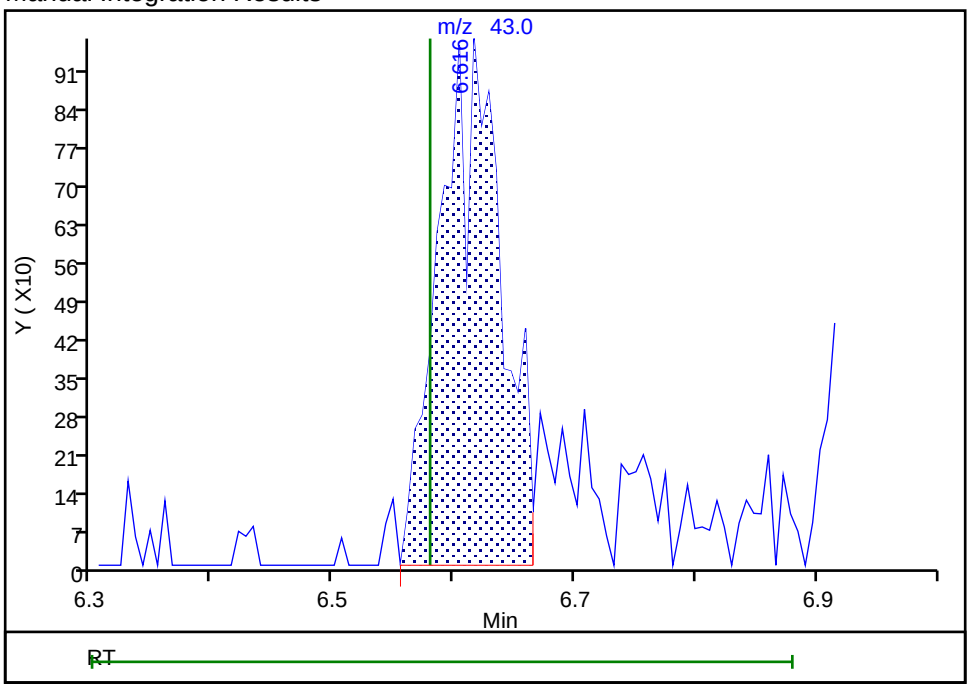
Not Detected
Expected RT: 6.58

Processing Integration Results



Manual Integration Results

RT: 6.62
Area: 3421
Amount: 5.134670
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:05:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

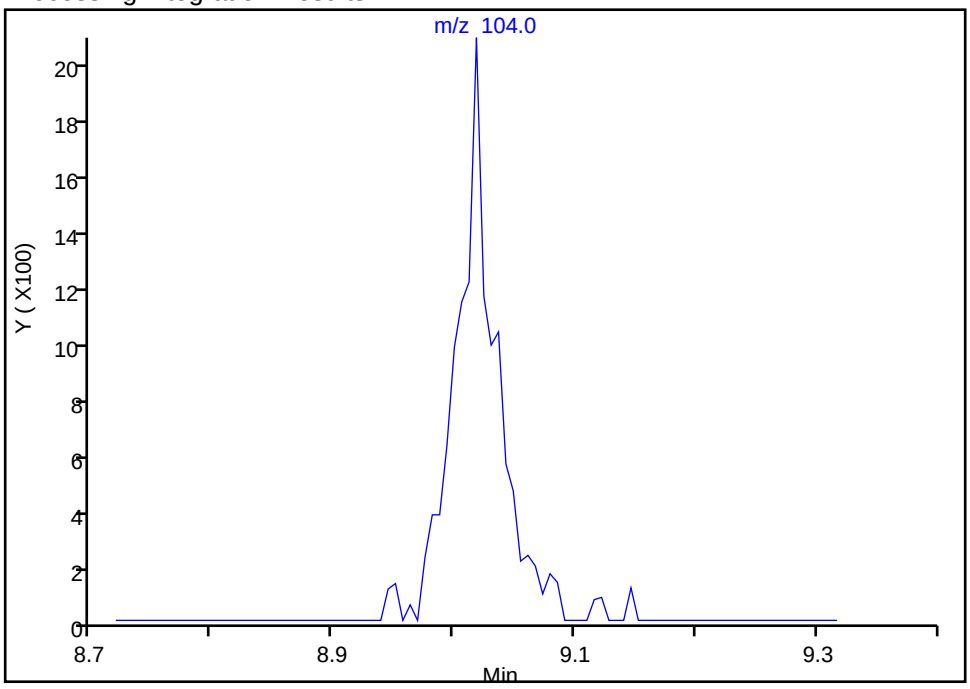
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

97 Styrene, CAS: 100-42-5

Signal: 1

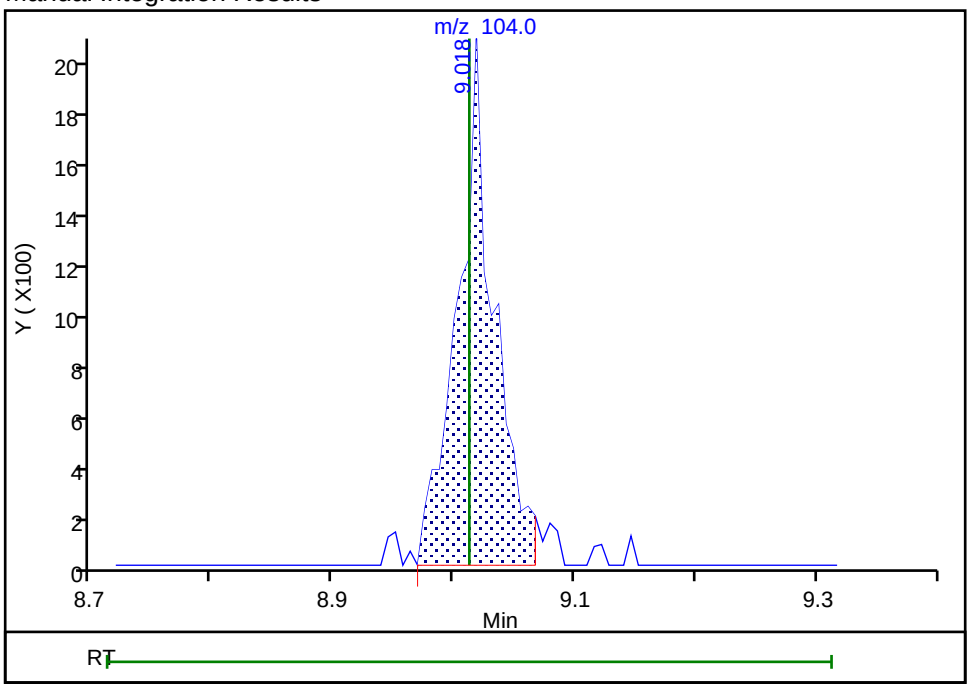
Not Detected
Expected RT: 9.01

Processing Integration Results



Manual Integration Results

RT: 9.02
Area: 4216
Amount: 1.025656
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:40:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

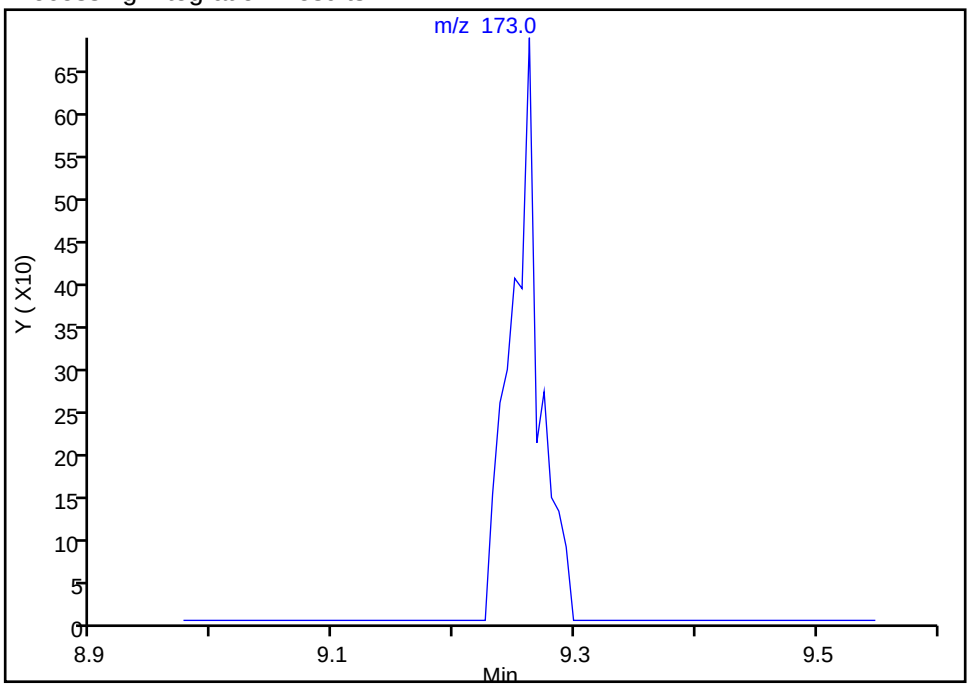
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

99 Bromoform, CAS: 75-25-2

Signal: 1

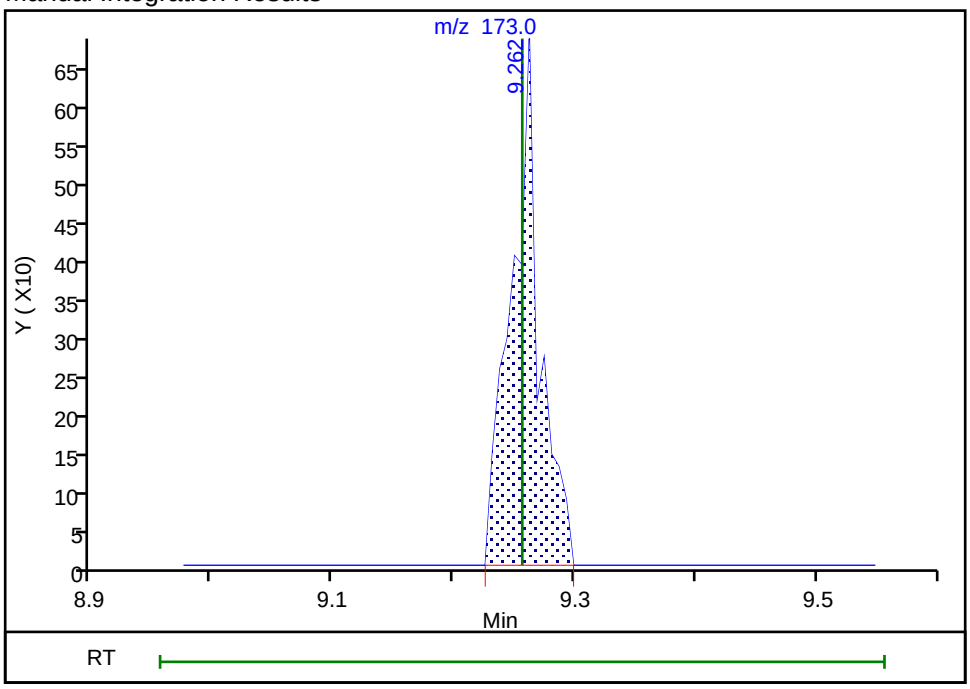
Not Detected
Expected RT: 9.26

Processing Integration Results



Manual Integration Results

RT: 9.26
Area: 1099
Amount: 0.867237
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:40:36
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

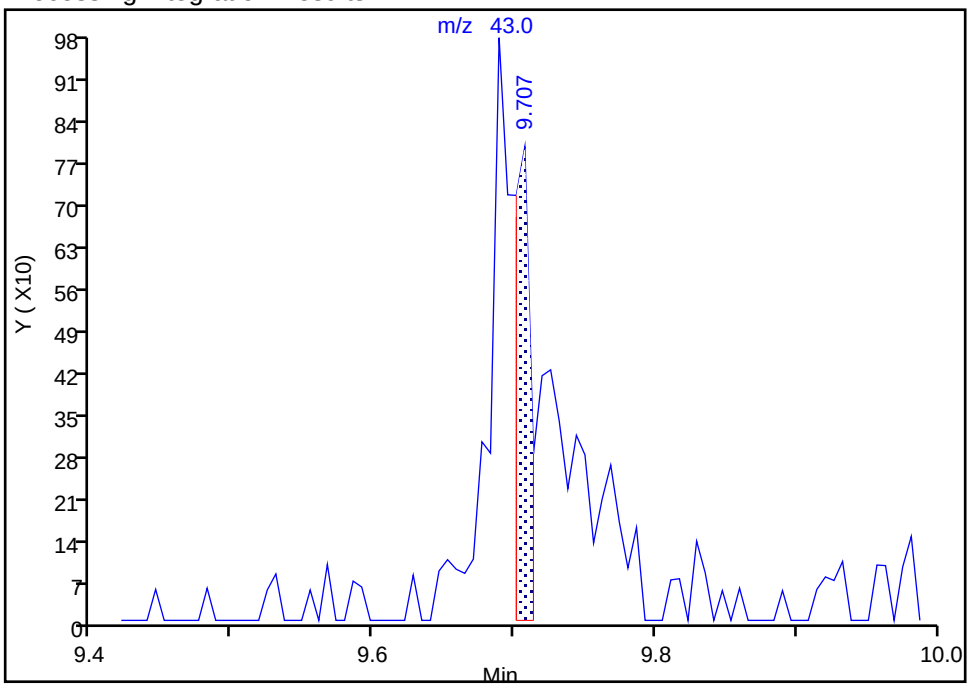
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87421.D
Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

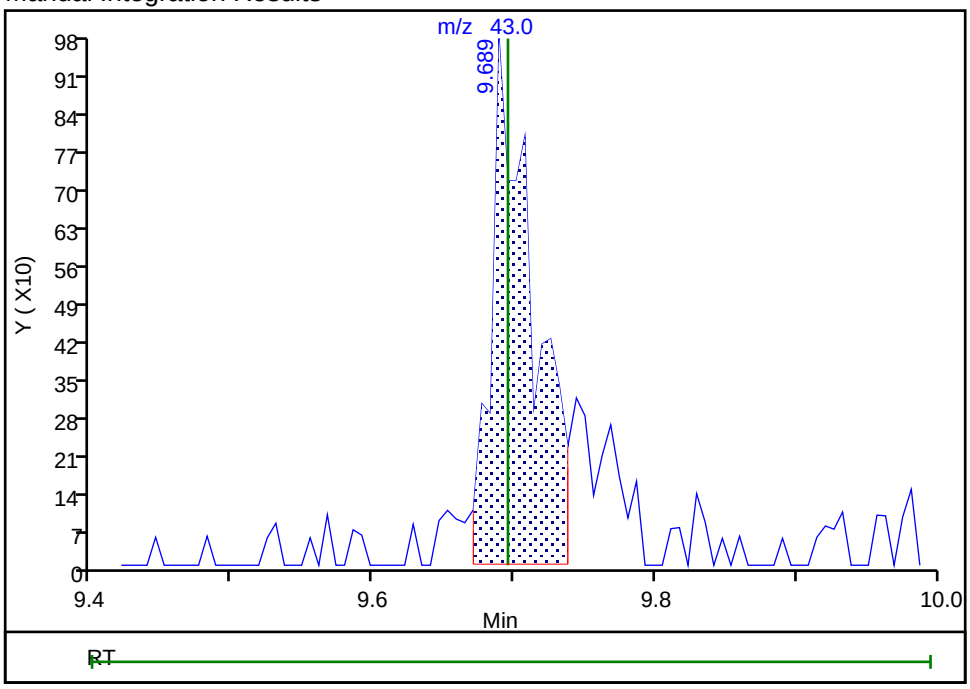
Processing Integration Results

RT: 9.71
Area: 654
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.69
Area: 2023
Amount: 1.025106
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:40:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

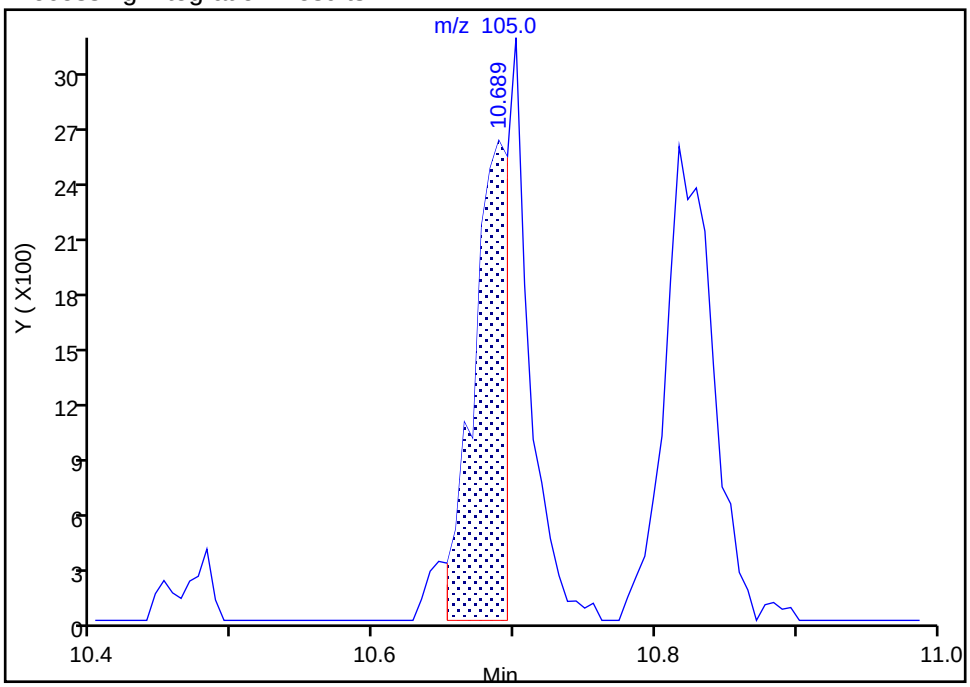
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

110 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

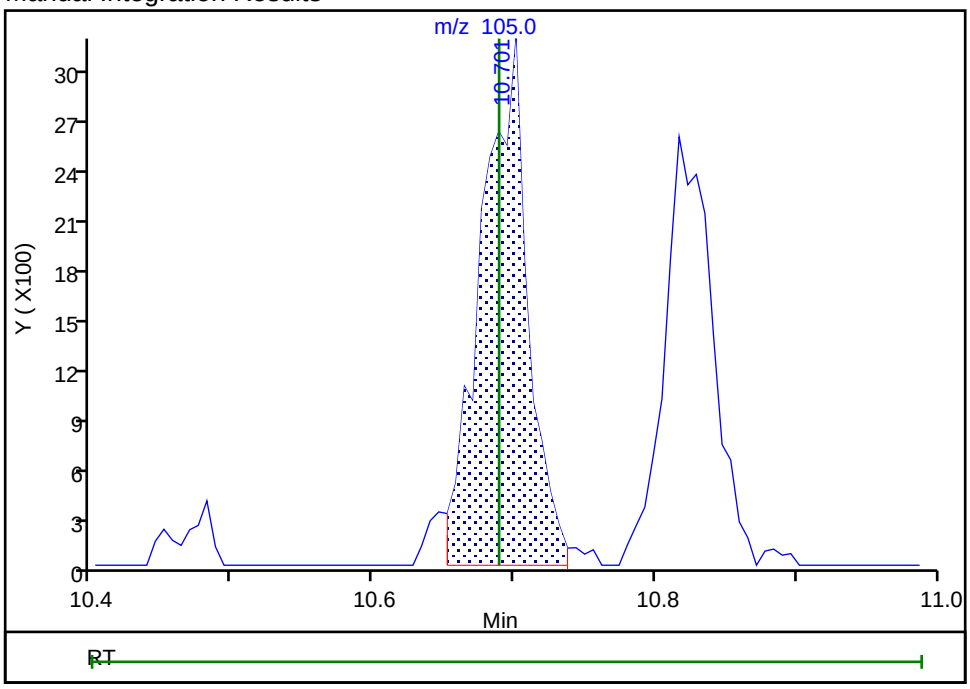
Processing Integration Results

RT: 10.69
Area: 4551
Amount: 0.724297
Amount Units: ug/l



Manual Integration Results

RT: 10.70
Area: 7269
Amount: 0.774797
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:41:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

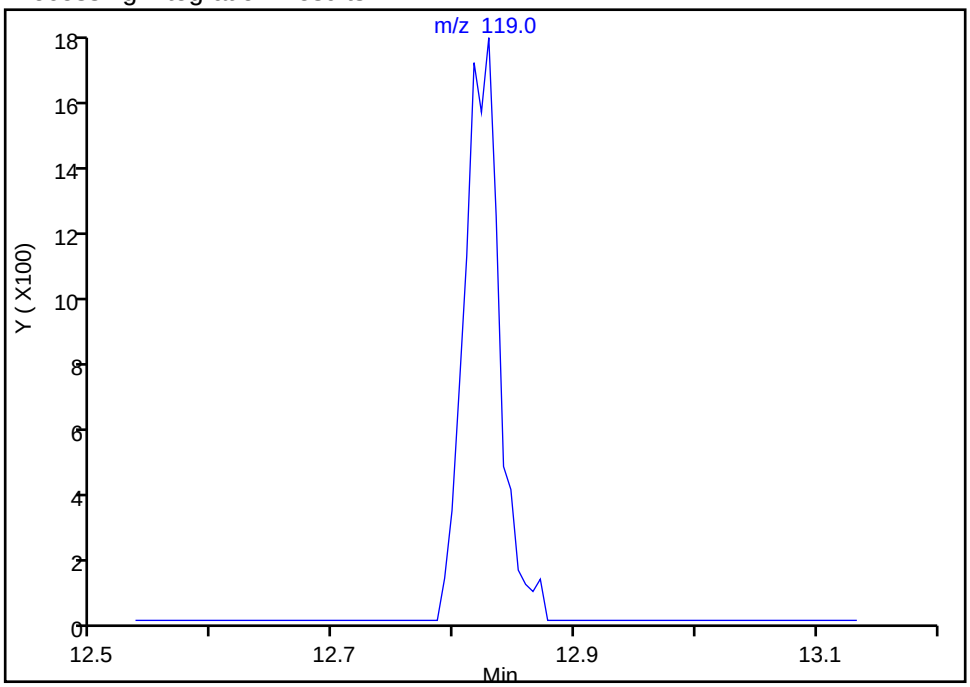
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Injection Date: 18-May-2022 12:48:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

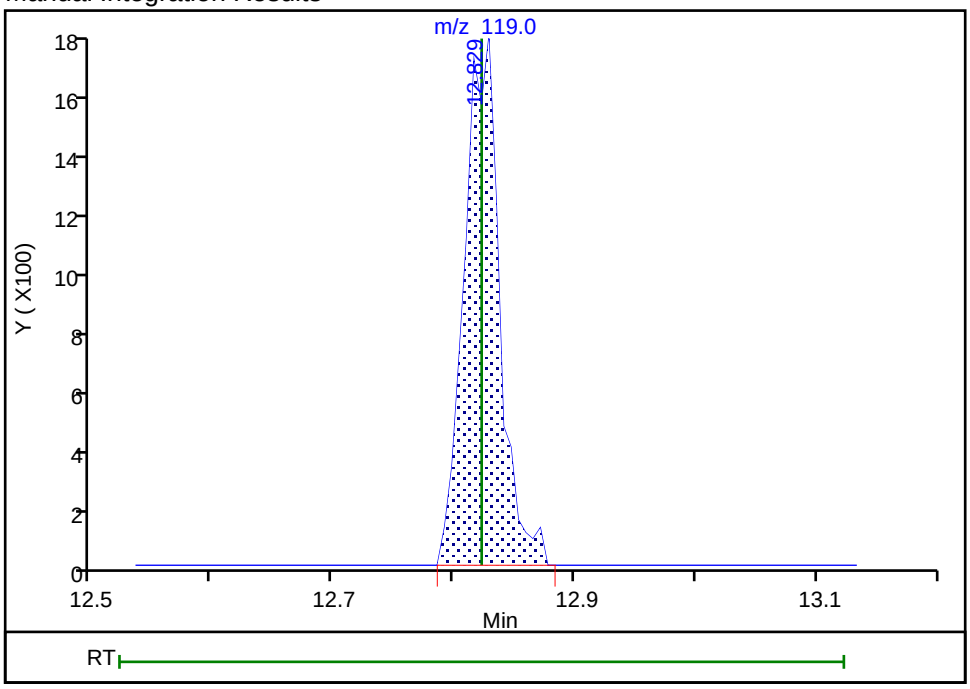
Not Detected
Expected RT: 12.82

Processing Integration Results



Manual Integration Results

RT: 12.83
Area: 3655
Amount: 0.756340
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:41:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-May-2022 13:10:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0145428-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-May-2022 18:29:04 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: delpolitov Date: 18-May-2022 13:45:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.575	0.581	-0.006	27	596	5.00	4.69	a
2 1,1-Difluoroethane	51	0.636	0.642	-0.006	88	21290	5.00	5.42	a
3 Dichlorodifluoromethane	85	0.642	0.642	0.000	49	15927	5.00	4.98	
4 Chlorodifluoromethane	67	0.636	0.648	-0.012	94	2050	5.00	4.88	
5 Chloromethane	50	0.721	0.728	-0.007	96	18882	5.00	5.20	
7 Vinyl chloride	62	0.752	0.764	-0.012	97	13482	5.00	4.92	
6 Butadiene	54	0.752	0.776	-0.024	89	13267	5.00	5.24	
8 Bromomethane	94	0.886	0.898	-0.012	98	10889	5.00	5.33	
9 Chloroethane	64	0.904	0.910	-0.006	88	8600	5.00	5.79	
10 Dichlorofluoromethane	67	0.996	1.014	-0.018	81	21287	5.00	5.44	
12 Pentane	72	1.002	1.014	-0.012	92	3567	10.0	10.2	
11 Trichlorofluoromethane	101	1.008	1.038	-0.030	38	17080	5.00	5.32	M
14 Ethanol	46	1.105	1.118	-0.013	51	1445	200.0	231.9	
13 Ethyl ether	59	1.105	1.118	-0.013	63	6893	5.00	5.17	
15 2-Methyl-1,3-butadiene	53	1.112	1.124	-0.012	90	8311	5.00	4.89	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.130	1.130	0.000	77	9917	5.00	4.88	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.160	1.173	-0.013	48	15224	5.00	5.08	a
18 Acrolein	56	1.166	1.179	-0.013	92	40567	200.0	208.3	
19 1,1-Dichloroethene	96	1.209	1.227	-0.018	96	9209	5.00	4.62	
21 Acetone	43	1.240	1.252	-0.012	86	12458	25.0	24.3	
20 112TCTFE	101	1.270	1.270	0.000	60	11736	5.00	5.13	
22 Iodomethane	142	1.282	1.288	-0.006	99	19948	5.00	5.10	
23 Carbon disulfide	76	1.307	1.325	-0.018	99	35345	5.00	4.86	
24 Isopropyl alcohol	45	1.349	1.362	-0.013	24	8903	50.0	57.6	M
25 3-Chloro-1-propene	39	1.398	1.410	-0.012	94	11012	5.00	4.98	
26 Methyl acetate	43	1.416	1.429	-0.013	97	11282	10.0	9.57	
27 Acetonitrile	39	1.435	1.447	-0.012	21	5188	50.0	39.5	a
28 Methylene Chloride	84	1.465	1.471	-0.006	84	12571	5.00	5.18	
* 29 TBA-d9 (IS)	65	1.526	1.538	-0.012	0	285972	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.575	1.587	-0.012	38	11884	50.0	43.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.599	1.618	-0.019	100	31920	50.0	46.5	
32 trans-1,2-Dichloroethene	96	1.618	1.630	-0.012	90	11440	5.00	5.01	
33 Methyl tert-butyl ether	73	1.636	1.648	-0.012	93	28497	5.00	5.33	
34 Hexane	57	1.788	1.800	-0.012	93	14150	5.00	4.92	
35 1,1-Dichloroethane	63	1.874	1.886	-0.012	98	18439	5.00	5.05	
36 Vinyl acetate	86	1.916	1.935	-0.019	100	4165	10.0	11.4	
37 2-Chloro-1,3-butadiene	88	1.928	1.947	-0.019	68	9718	5.00	4.85	
38 Isopropyl ether	45	1.959	1.977	-0.018	94	35895	5.00	5.06	
39 Tert-butyl ethyl ether	87	2.221	2.227	-0.006	93	13160	5.00	4.99	
* 40 2-Butanone-d5	46	2.270	2.276	-0.006	0	260389	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.288	2.294	-0.006	97	13471	5.00	4.89	
42 2,2-Dichloropropane	79	2.300	2.300	0.000	72	5818	5.00	5.12	a
43 2-Butanone (MEK)	72	2.319	2.325	-0.006	97	6581	25.0	24.8	
44 Propionitrile	54	2.361	2.374	-0.013	94	15373	50.0	52.2	
45 Ethyl acetate	70	2.386	2.404	-0.018	98	2049	10.0	9.54	
62 Methyl acrylate	55	2.404	2.410	-0.006	97	10099	5.00	4.70	a
46 Chlorobromomethane	128	2.465	2.477	-0.012	54	6768	5.00	5.12	
47 Methacrylonitrile	67	2.471	2.483	-0.012	91	39184	50.0	48.9	
48 Tetrahydrofuran	72	2.532	2.520	0.012	29	2857	10.0	9.99	M
49 Chloroform	83	2.556	2.563	-0.007	99	19115	5.00	4.91	
$ 50 Dibromofluoromethane (Surr)	113	2.684	2.691	-0.007	97	122021	50.0	52.2	
51 1,1,1-Trichloroethane	97	2.684	2.703	-0.019	39	15871	5.00	4.77	
52 Cyclohexane	84	2.745	2.752	-0.007	88	18216	5.00	4.77	
54 1,1-Dichloropropene	75	2.831	2.837	-0.006	96	13497	5.00	4.57	
53 Carbon tetrachloride	117	2.831	2.843	-0.012	79	13235	5.00	4.77	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.965	2.977	-0.012	0	112490	50.0	50.3	
56 Benzene	78	3.007	3.020	-0.013	97	44265	5.00	4.75	
57 1,2-Dichloroethane	62	3.044	3.050	-0.006	95	11946	5.00	4.77	
58 Isobutyl alcohol	42	3.160	3.129	0.031	36	6303	125.0	99.4	a
59 Tert-amyl methyl ether	73	3.190	3.184	0.006	92	32583	5.00	4.57	a
73 Isopropyl acetate	43	3.196	3.203	-0.007	94	33803	5.00	4.33	M
* 60 Fluorobenzene	96	3.306	3.312	-0.006	99	537368	50.0	50.0	
61 n-Heptane	43	3.355	3.367	-0.012	90	19974	5.00	4.92	
63 Trichloroethene	95	3.702	3.709	-0.007	97	10017	5.00	4.40	
65 Methylcyclohexane	83	3.910	3.910	0.000	96	19082	5.00	4.45	
64 n-Butanol	43	3.904	3.910	-0.006	43	1651	125.0	84.4	
66 Ethyl acrylate	55	3.916	3.928	-0.012	79	23555	5.00	4.27	
67 1,2-Dichloropropane	63	3.946	3.940	0.006	87	10895	5.00	4.77	
68 Dibromomethane	93	4.080	4.081	-0.001	46	6141	5.00	4.74	
* 69 1,4-Dioxane-d8	96	4.105	4.105	0.000	0	21399	1000.0	1000.0	M
70 1,4-Dioxane	88	4.166	4.172	-0.006	25	2332	100.0	105.6	Ma
71 Methyl methacrylate	100	4.221	4.215	0.006	95	4197	10.0	9.03	
72 Dichlorobromomethane	83	4.318	4.318	0.000	97	12400	5.00	4.66	
81 n-Propyl acetate	43	4.337	4.330	0.006	91	9729	5.00	4.11	
74 2-Nitropropane	41	4.611	4.629	-0.018	96	4937	10.0	11.0	
75 2-Chloroethyl vinyl ether	63	4.800	4.812	-0.012	67	2182	5.01	3.10	M
76 Epichlorohydrin	57	4.830	4.830	0.000	97	15178	100.0	85.2	M
77 cis-1,3-Dichloropropene	75	4.922	4.928	-0.006	91	14689	5.00	4.48	
78 4-Methyl-2-pentanone (MIBK)	43	5.220	5.227	-0.007	96	44915	25.0	24.1	a
$ 79 Toluene-d8 (Surr)	98	5.275	5.275	0.000	99	470919	50.0	50.9	
80 Toluene	91	5.367	5.373	-0.006	93	44206	5.00	4.68	
82 trans-1,3-Dichloropropene	75	5.794	5.800	-0.006	98	11558	5.00	4.36	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.050	6.050	0.000	93	7204	5.00	4.67	
84 Ethyl methacrylate	69	6.074	6.068	0.006	71	9446	5.00	4.58	a
85 Tetrachloroethene	166	6.202	6.202	0.000	97	11082	5.00	4.83	
86 1,3-Dichloropropane	76	6.287	6.294	-0.007	92	14997	5.00	4.98	
87 2-Hexanone	43	6.586	6.580	0.006	95	23976	25.0	21.4	
88 Chlorodibromomethane	129	6.635	6.647	-0.012	98	8970	5.00	4.72	
89 Ethylene Dibromide	107	6.745	6.751	-0.006	95	8468	5.00	4.79	
90 n-Butyl acetate	43	6.927	6.921	0.006	97	10714	5.00	4.01	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	85	375444	50.0	50.0	
92 Chlorobenzene	112	7.683	7.683	0.000	94	27363	5.00	4.59	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.897	0.006	94	9721	5.00	4.70	
94 Ethylbenzene	106	7.976	7.982	-0.006	98	14747	5.00	4.58	
95 m-Xylene & p-Xylene	106	8.232	8.232	0.000	98	15349	5.00	4.05	
96 o-Xylene	106	8.964	8.964	0.000	95	16094	5.00	4.33	
97 Styrene	104	9.012	9.012	0.000	95	23713	5.00	4.31	
98 n-Butyl acrylate	73	9.208	9.208	0.000	95	4824	5.00	4.30	
99 Bromoform	173	9.262	9.256	0.006	91	5341	5.00	4.38	
101 Amyl acetate (mixed isomers)	43	9.707	9.695	0.012	90	11741	5.00	4.31	
102 Isopropylbenzene	105	9.720	9.714	0.006	96	41591	5.00	4.13	
$ 103 4-Bromofluorobenzene	174	9.921	9.921	0.000	90	140856	50.0	53.2	
104 Bromobenzene	156	10.085	10.098	-0.013	95	12834	5.00	5.12	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	97	2972	5.00	4.82	
106 1,1,2,2-Tetrachloroethane	83	10.341	10.341	0.000	97	12629	5.00	4.99	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.439	0.012	73	3082	5.00	4.65	
108 N-Propylbenzene	120	10.469	10.470	-0.001	99	11924	5.00	4.36	
109 2-Chlorotoluene	126	10.506	10.506	0.000	94	10887	5.00	4.50	
110 4-Ethyltoluene	105	10.689	10.689	0.000	98	39898	5.00	4.27	
111 4-Chlorotoluene	91	10.719	10.719	0.000	98	37864	5.00	4.62	
112 1,3,5-Trimethylbenzene	105	10.823	10.829	-0.006	95	34784	5.00	4.29	
100 Butyl Methacrylate	87	11.207	11.207	0.000	94	8675	5.00	4.16	
113 tert-Butylbenzene	119	11.353	11.353	0.000	94	27467	5.00	4.15	
114 1,2,4-Trimethylbenzene	105	11.439	11.439	0.000	97	35761	5.00	4.23	
115 sec-Butylbenzene	105	11.744	11.744	0.000	99	47616	5.00	4.27	
116 1,3-Dichlorobenzene	146	11.805	11.805	0.000	96	23413	5.00	4.74	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	96	201505	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.994	11.994	0.000	92	25136	5.00	4.91	
119 4-Isopropyltoluene	119	12.073	12.073	0.000	98	39998	5.00	4.27	
120 1,2,3-Trimethylbenzene	105	12.170	12.170	0.000	98	39912	5.00	4.43	
121 Benzyl chloride	126	12.329	12.323	0.006	98	3935	5.00	4.40	
122 2,3-Dihydroindene	117	12.500	12.500	0.000	93	36499	5.00	4.25	
123 1,2-Dichlorobenzene	146	12.689	12.689	0.000	96	22844	5.00	4.79	
124 p-Diethylbenzene	119	12.823	12.823	0.000	95	19447	5.00	4.04	a
125 n-Butylbenzene	92	12.847	12.847	0.000	96	22909	5.00	4.29	
126 1,2-Dibromo-3-Chloropropane	157	13.597	13.603	-0.006	86	2316	5.00	4.54	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	98	33354	5.00	4.32	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	96	19586	5.00	4.87	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	16742	5.00	4.65	
130 Hexachlorobutadiene	225	14.377	14.383	-0.006	90	7980	5.00	4.51	
131 Naphthalene	128	14.383	14.383	0.000	99	39429	5.00	4.24	
132 1,2,3-Trichlorobenzene	180	14.542	14.548	-0.006	96	17495	5.00	4.92	
S 133 1,2-Dichloroethene, Total	100				0		10.0	9.89	
S 134 1,3-Dichloropropene, Total	100				0		10.0	8.84	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		10.0	8.39	
S 136 Total BTEX	1				0		25.0	22.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00154	Amount Added:	5.00	Units: uL	
524freon_00052	Amount Added:	5.00	Units: uL	
GASES Li_00476	Amount Added:	5.00	Units: uL	
ACROLEIN W_00140	Amount Added:	20.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-May-2022 18:29:05 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D

Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2 Operator ID:

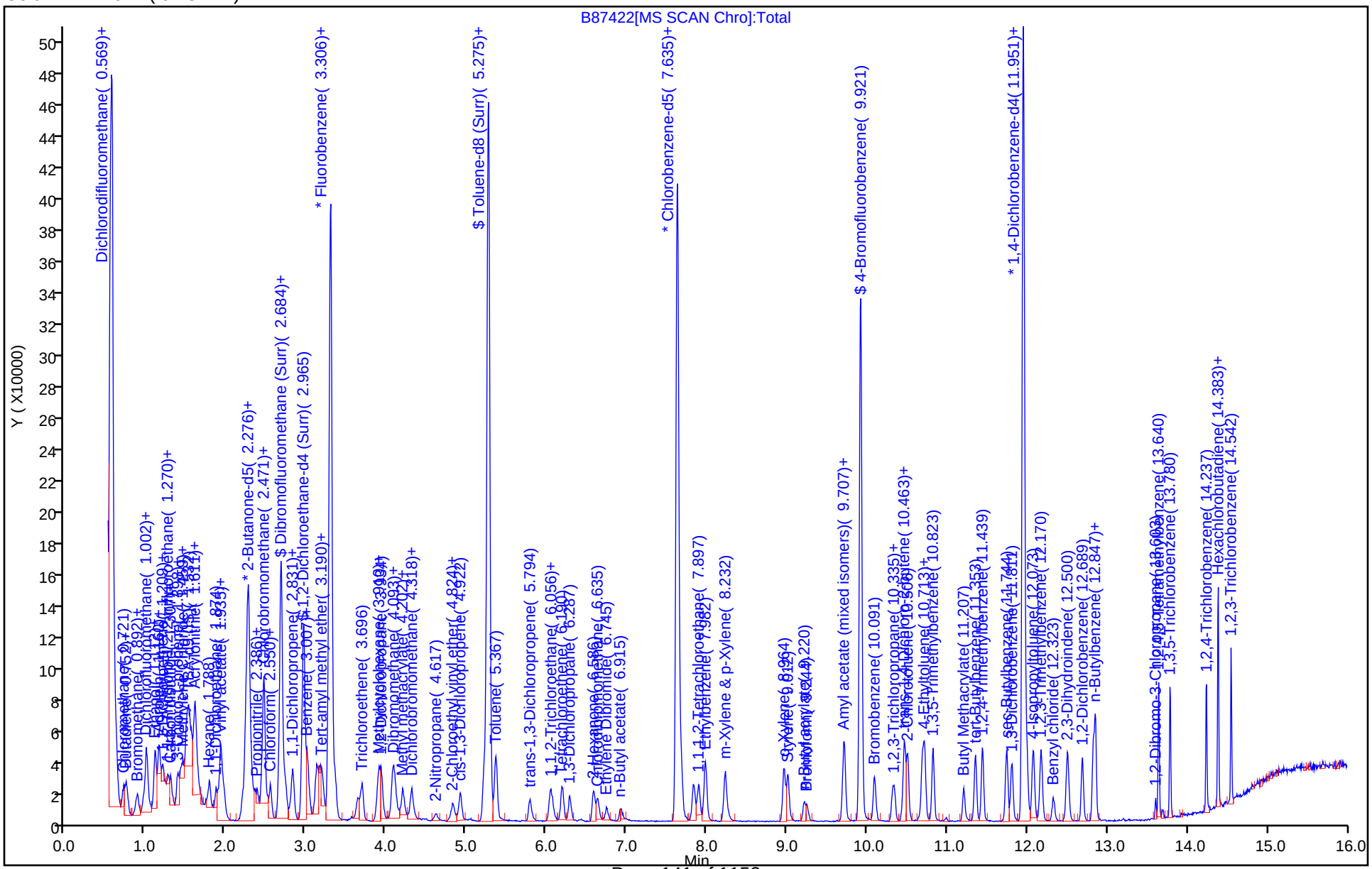
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

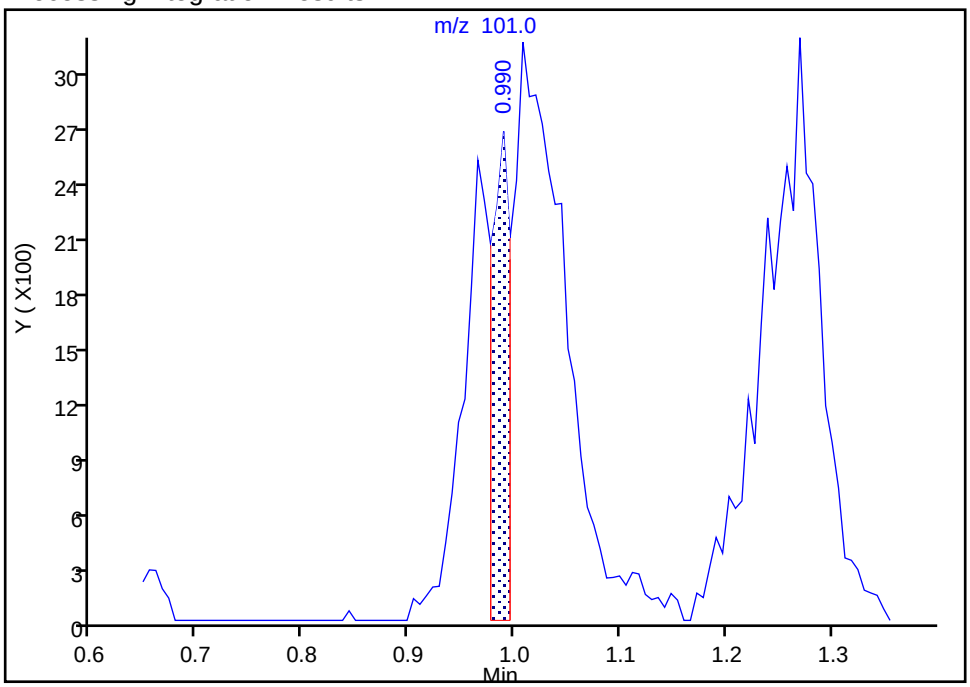
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

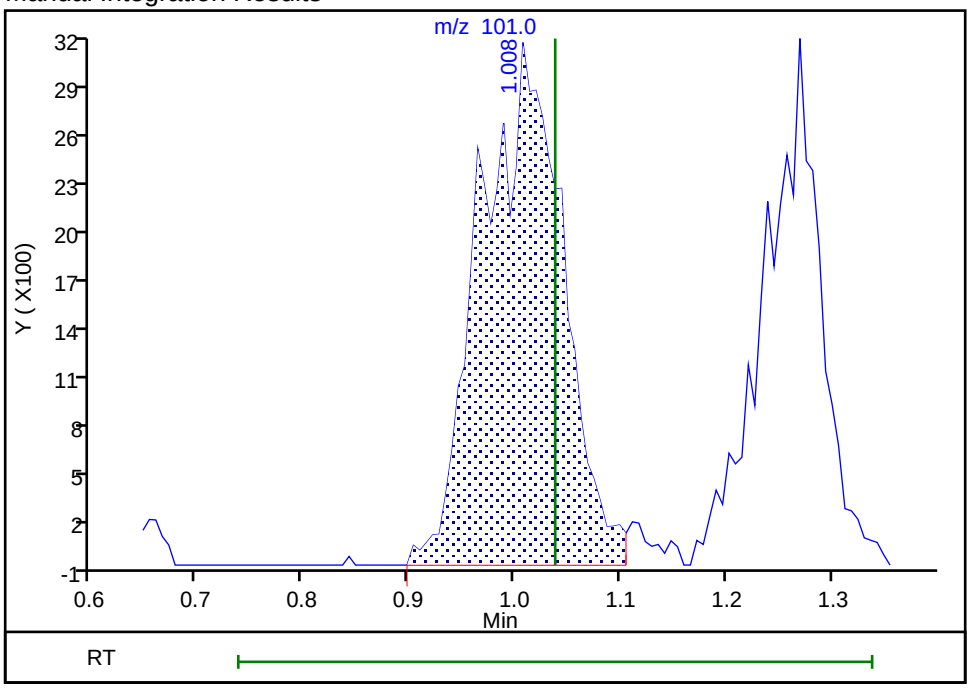
Processing Integration Results

RT: 0.99
Area: 3298
Amount: 1.653197
Amount Units: ug/l



Manual Integration Results

RT: 1.01
Area: 17080
Amount: 5.317559
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:42:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

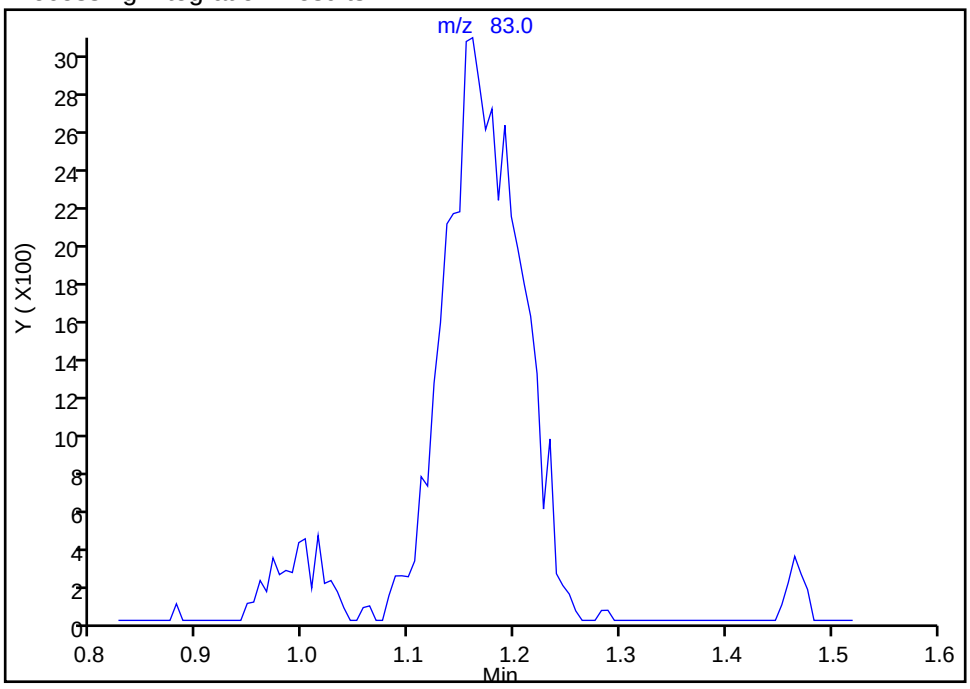
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

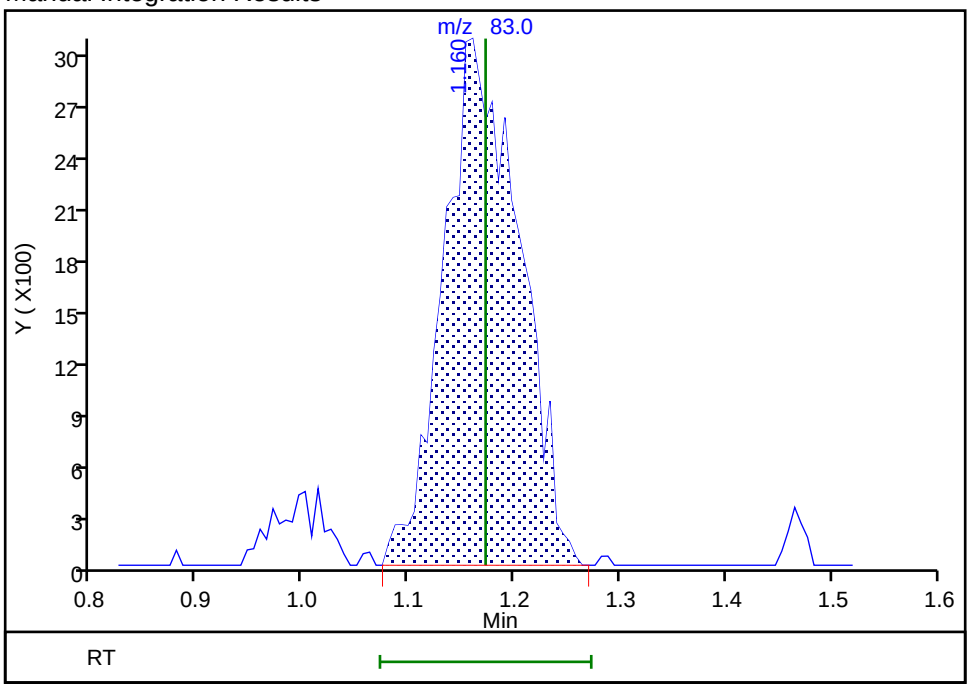
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.16
Area: 15224
Amount: 5.083031
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:41:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

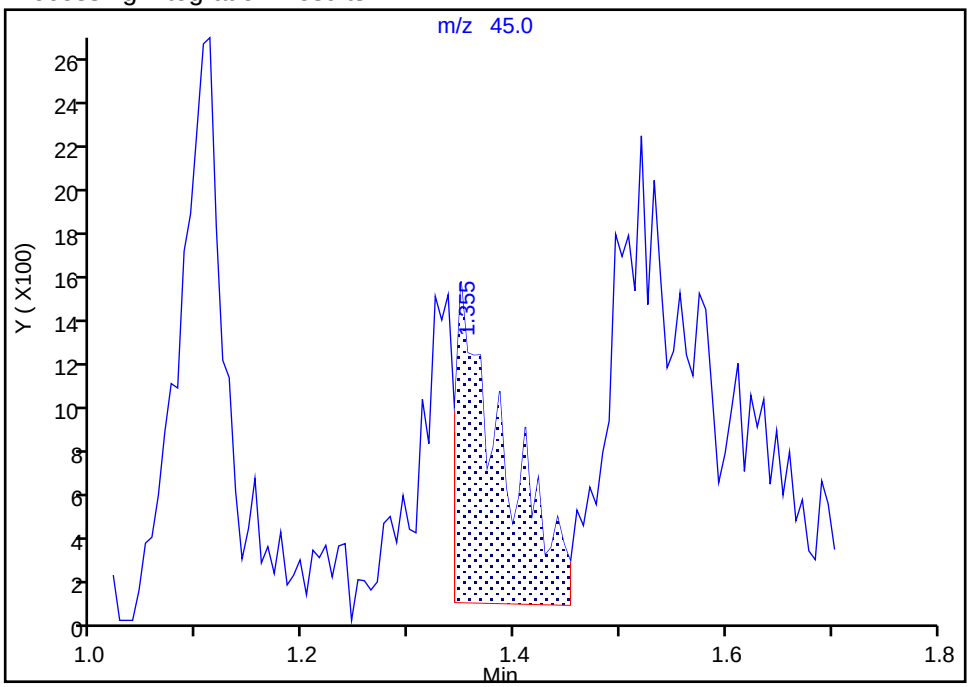
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

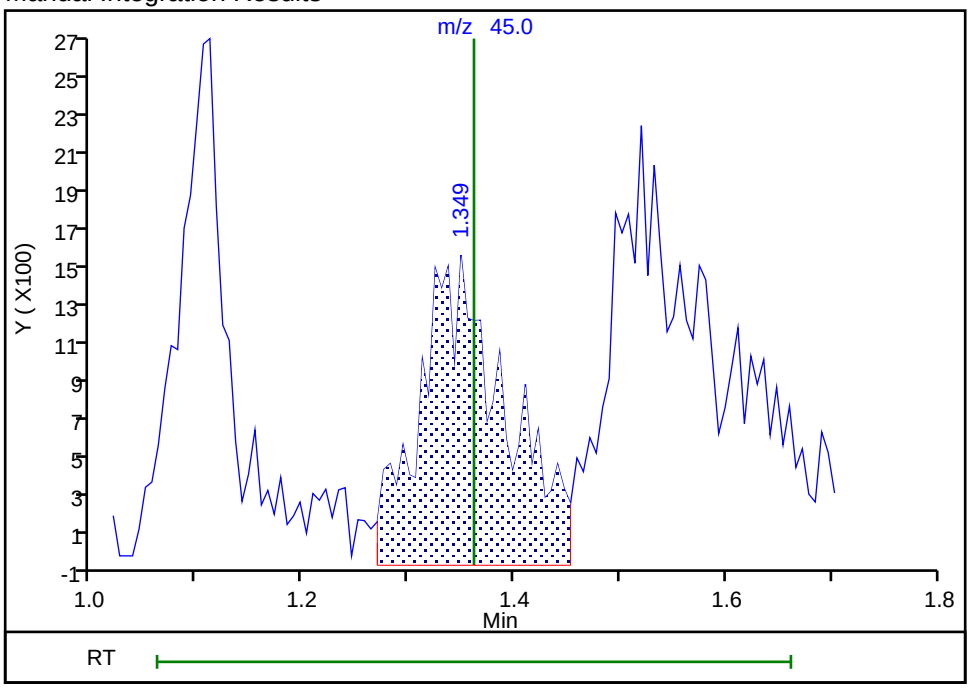
Processing Integration Results

RT: 1.36
Area: 4568
Amount: 26.705943
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 8903
Amount: 57.613678
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

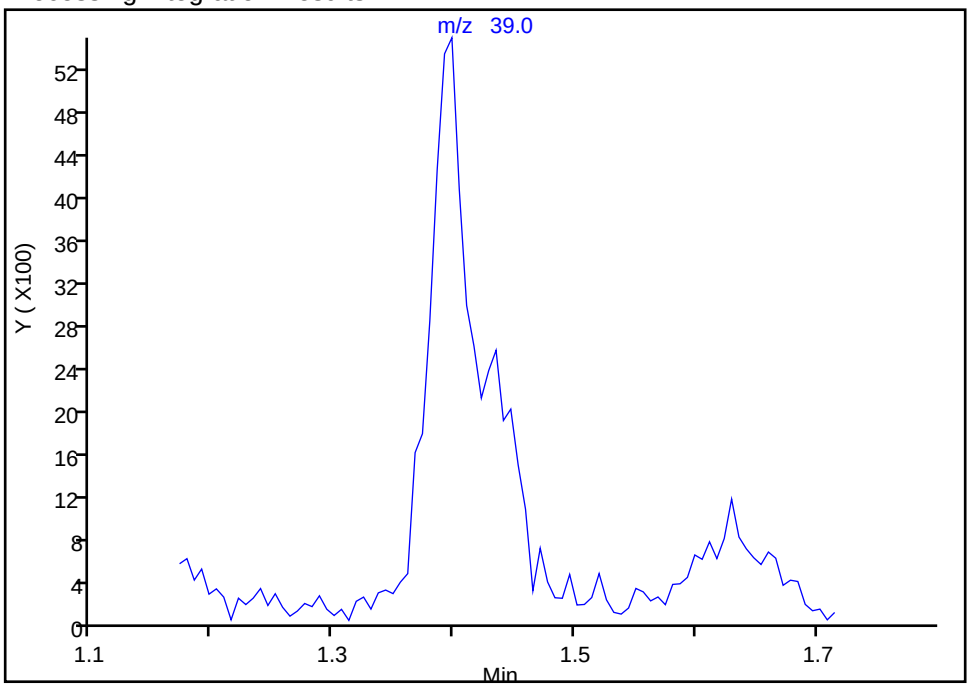
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

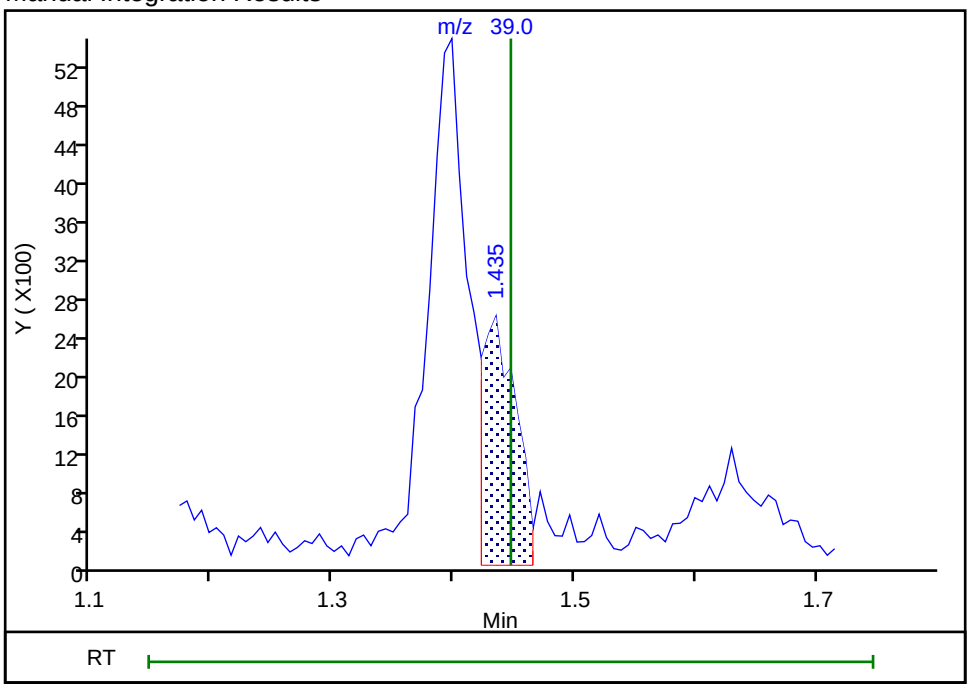
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 5188
Amount: 39.529100
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

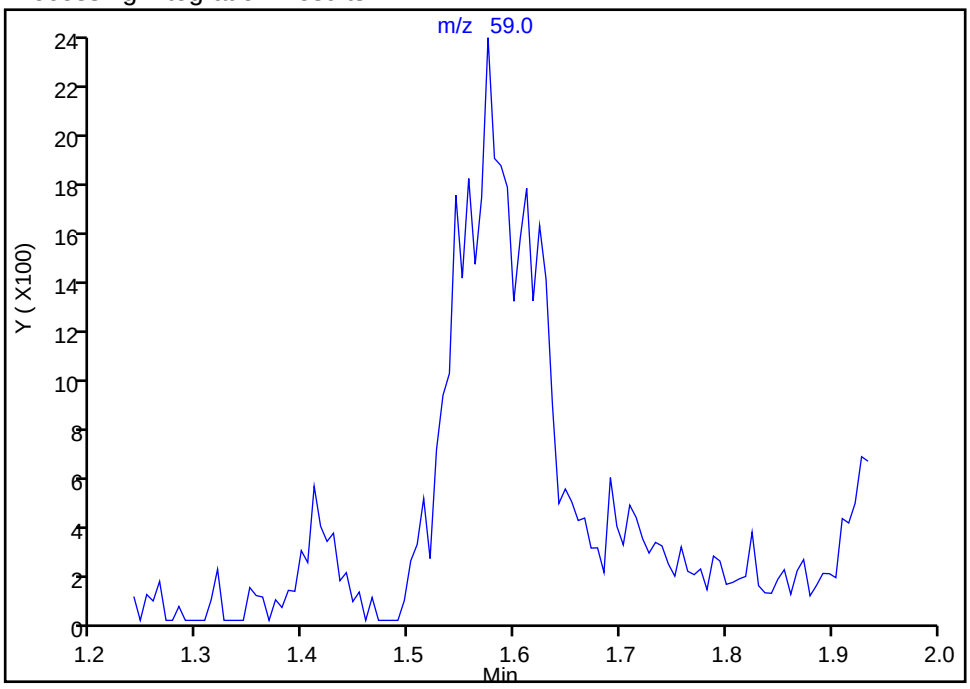
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Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

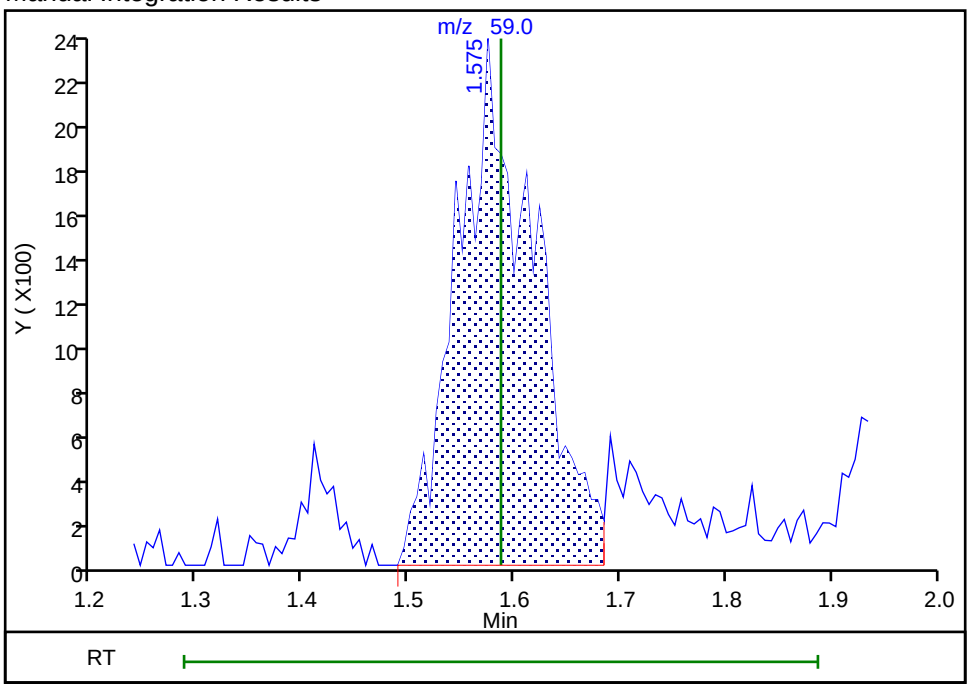
Not Detected
Expected RT: 1.59

Processing Integration Results



Manual Integration Results

RT: 1.57
Area: 11884
Amount: 43.198174
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

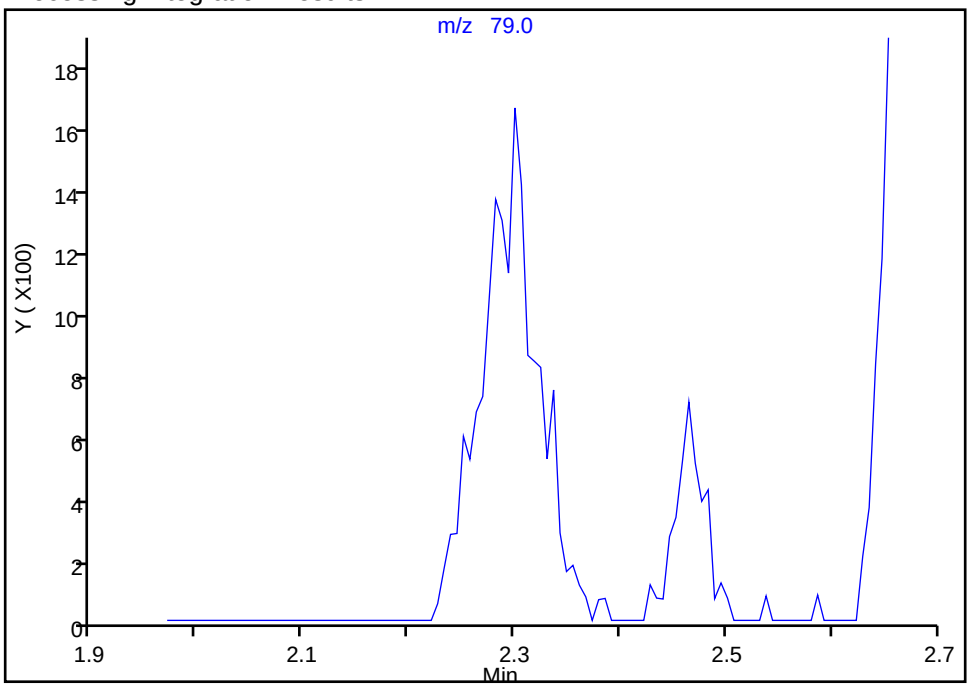
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

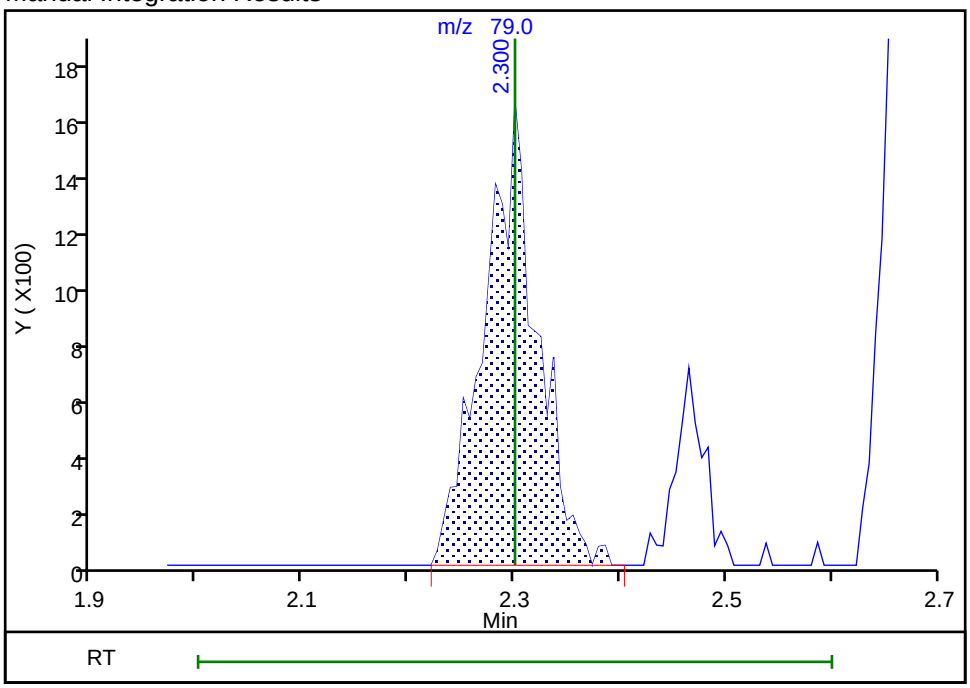
Not Detected
Expected RT: 2.30

Processing Integration Results



Manual Integration Results

RT: 2.30
Area: 5818
Amount: 5.115395
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

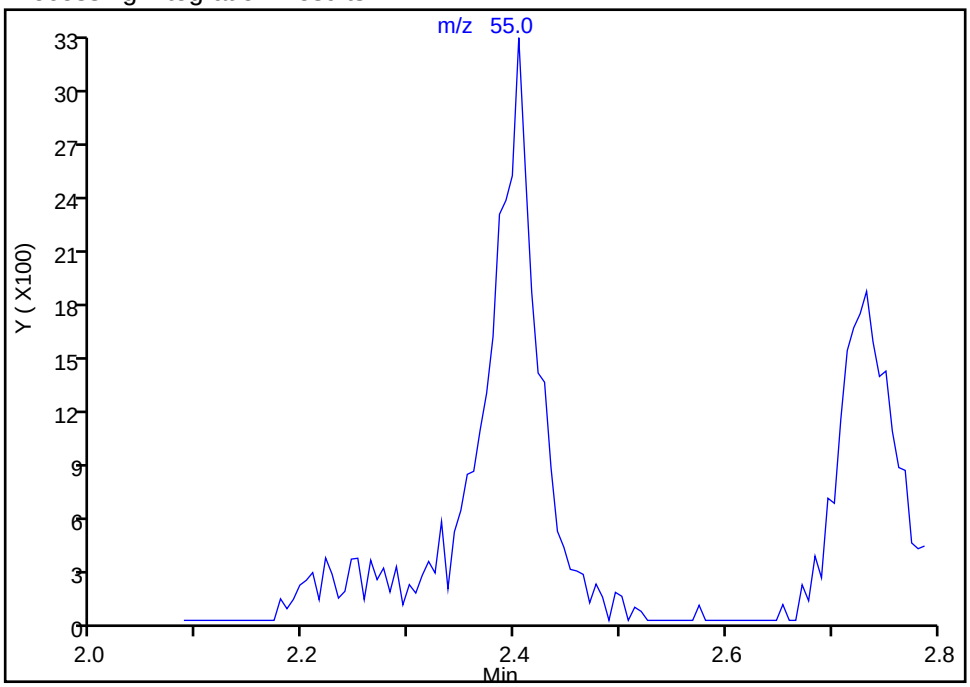
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Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

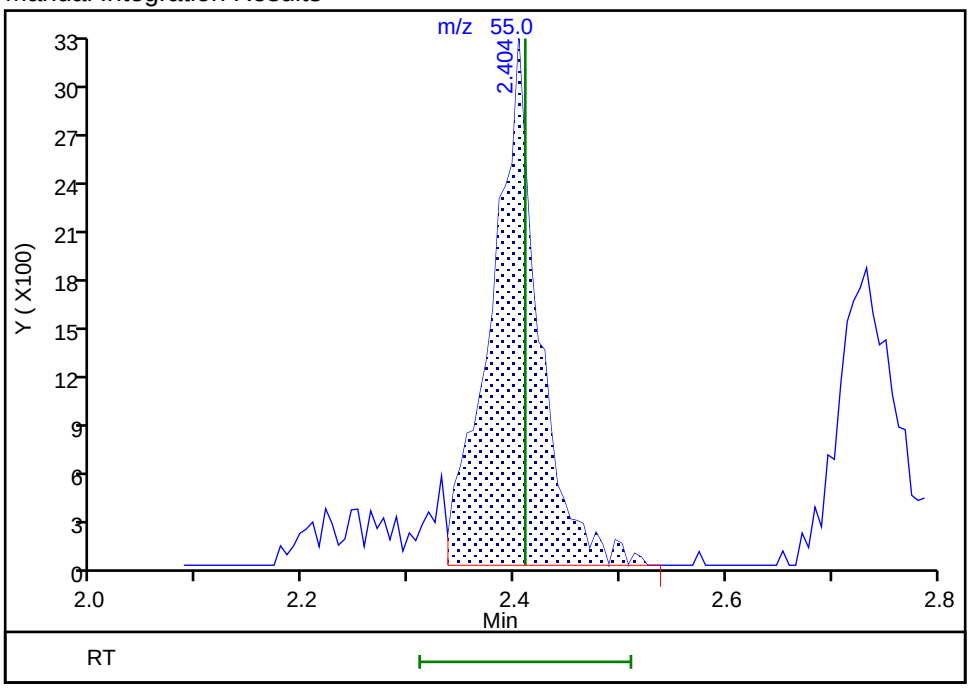
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.40
Area: 10099
Amount: 4.697945
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

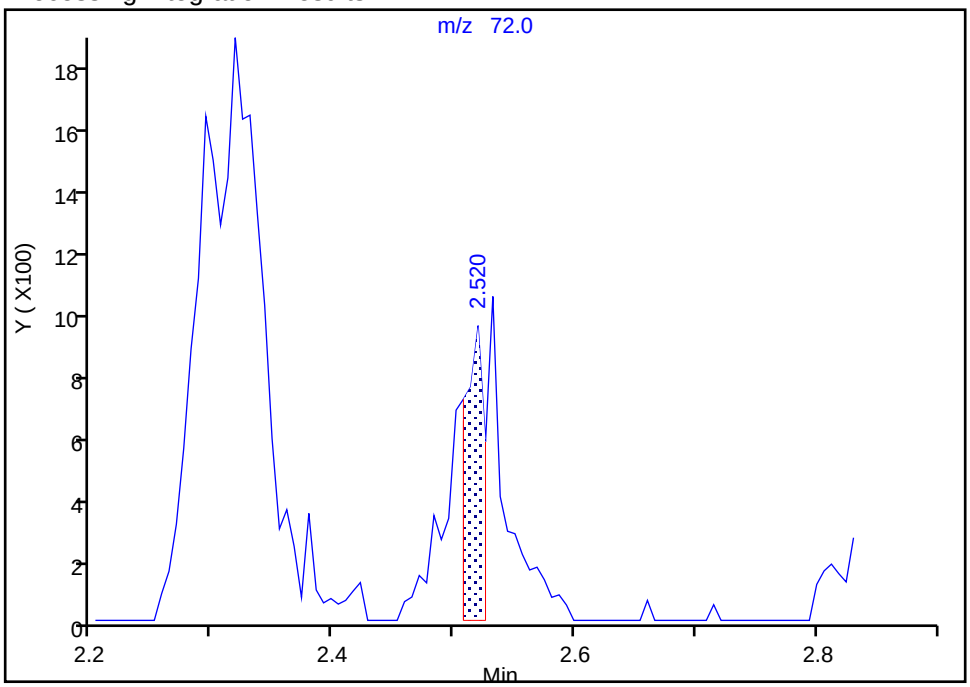
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

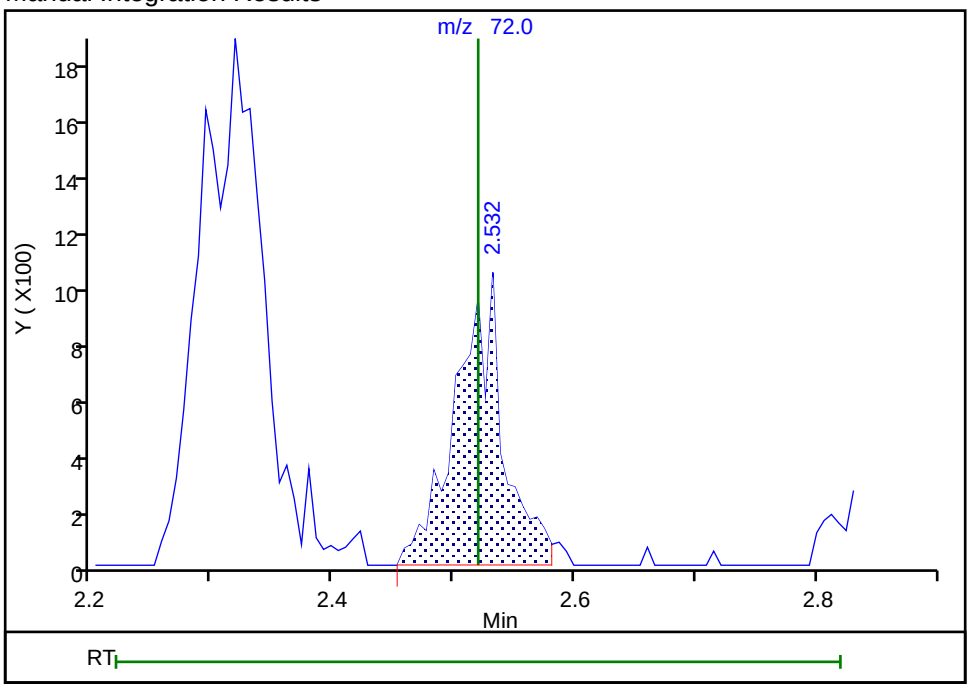
Processing Integration Results

RT: 2.52
Area: 1105
Amount: 10.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 2857
Amount: 9.989519
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

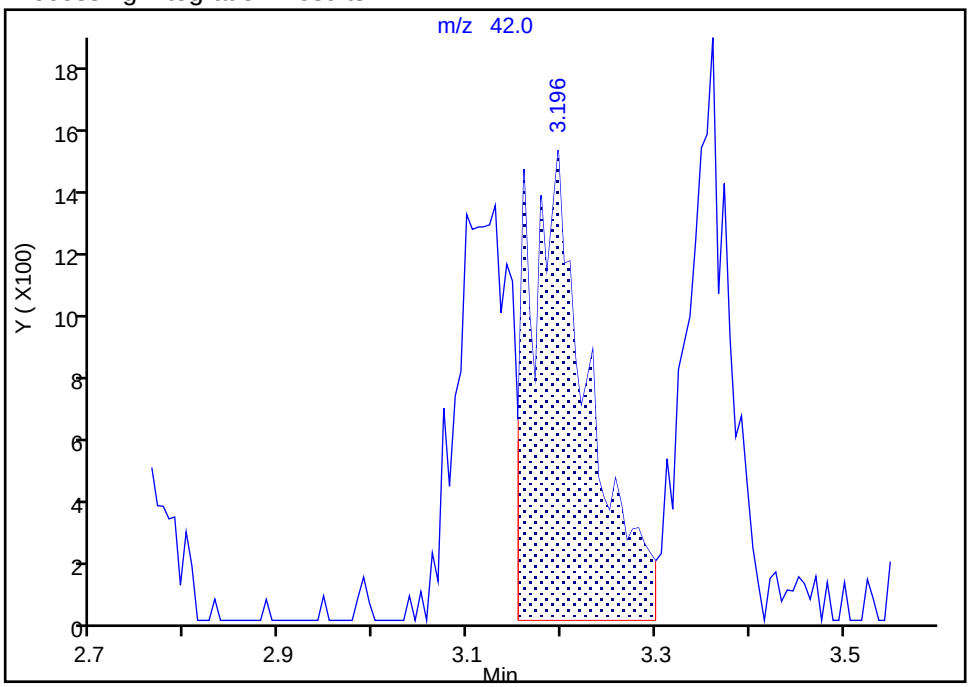
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

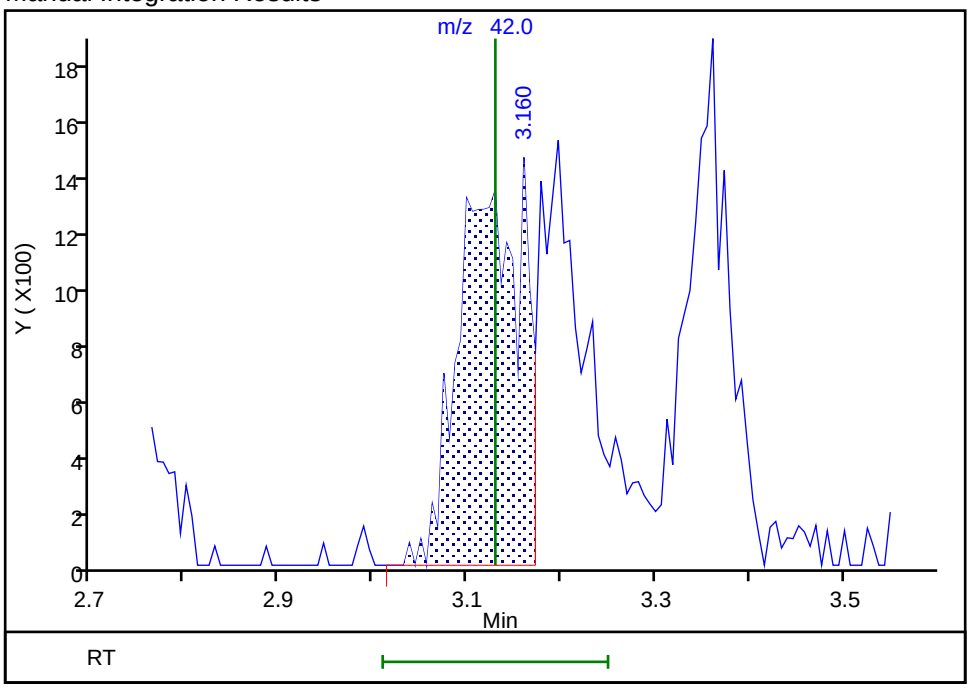
Processing Integration Results

RT: 3.20
Area: 6382
Amount: 125.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 6303
Amount: 99.394433
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

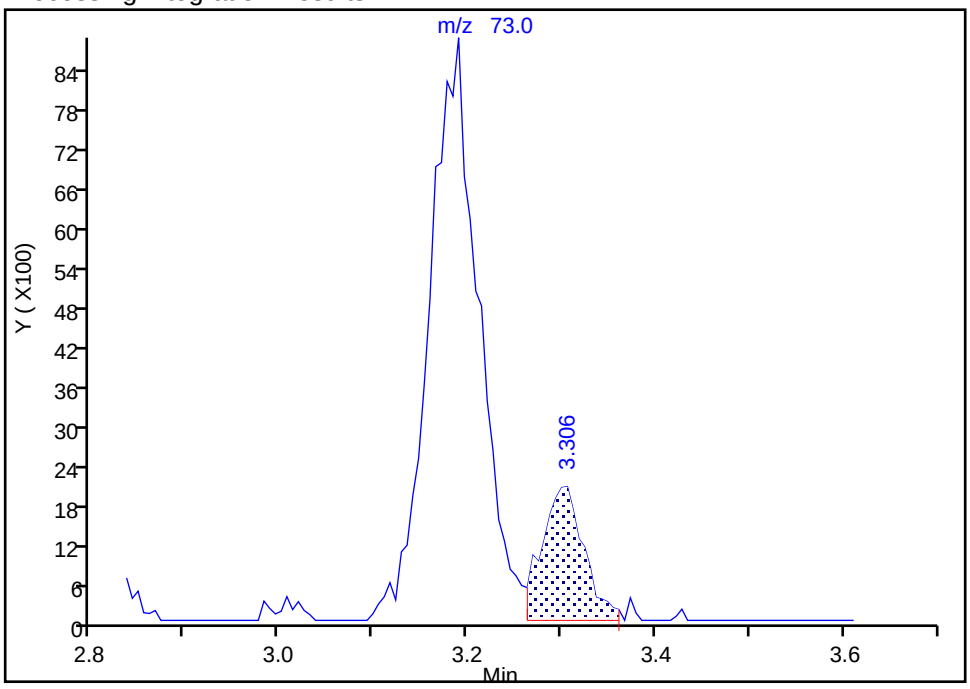
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

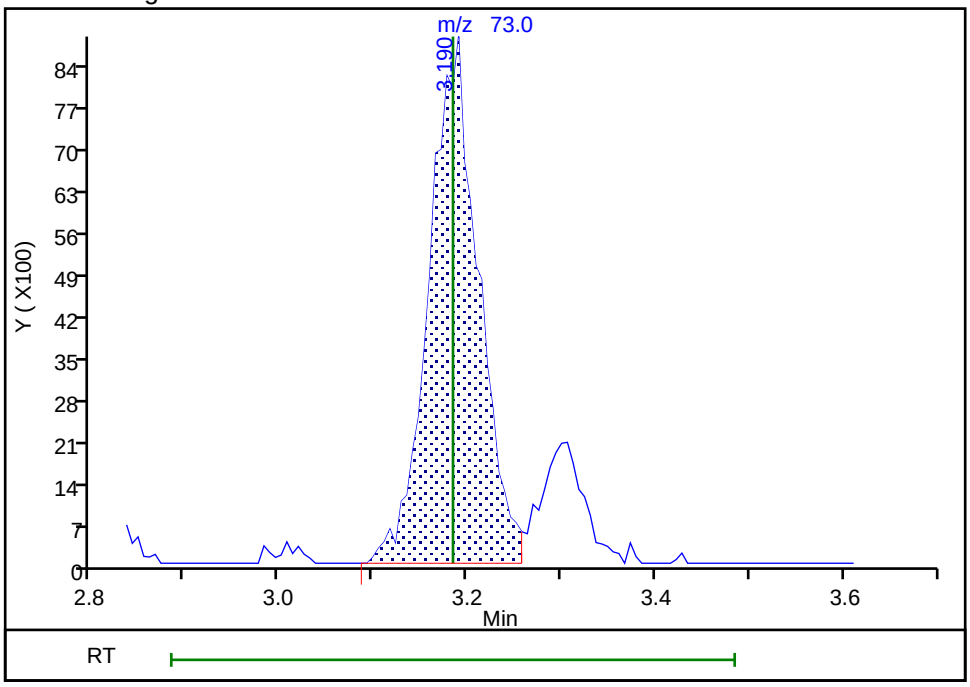
Processing Integration Results

RT: 3.31
Area: 6356
Amount: 1.106460
Amount Units: ug/l



Manual Integration Results

RT: 3.19
Area: 32583
Amount: 4.566016
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:43:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

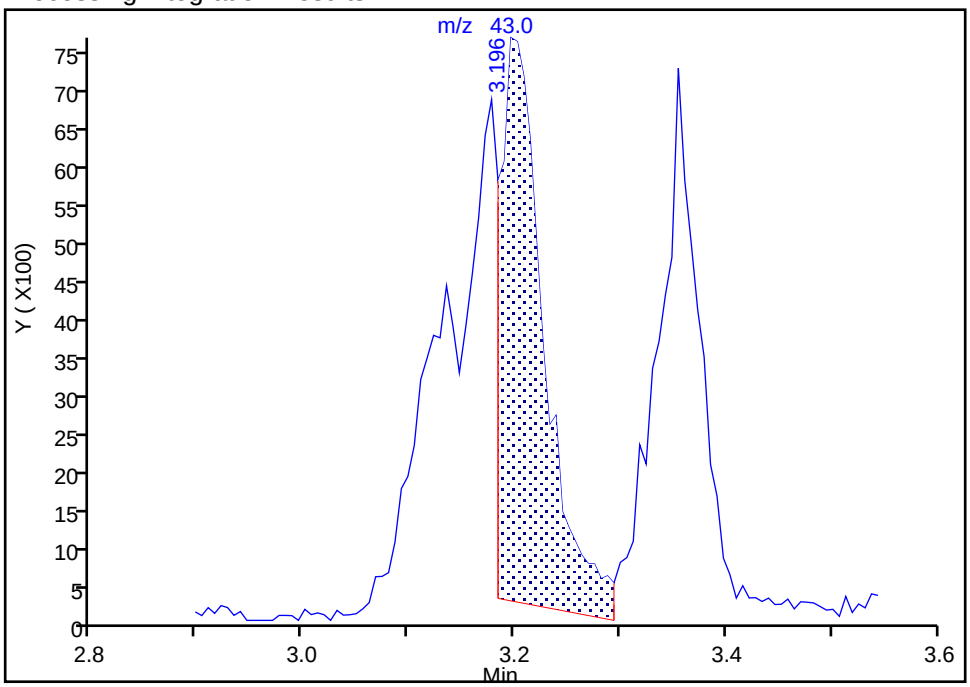
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

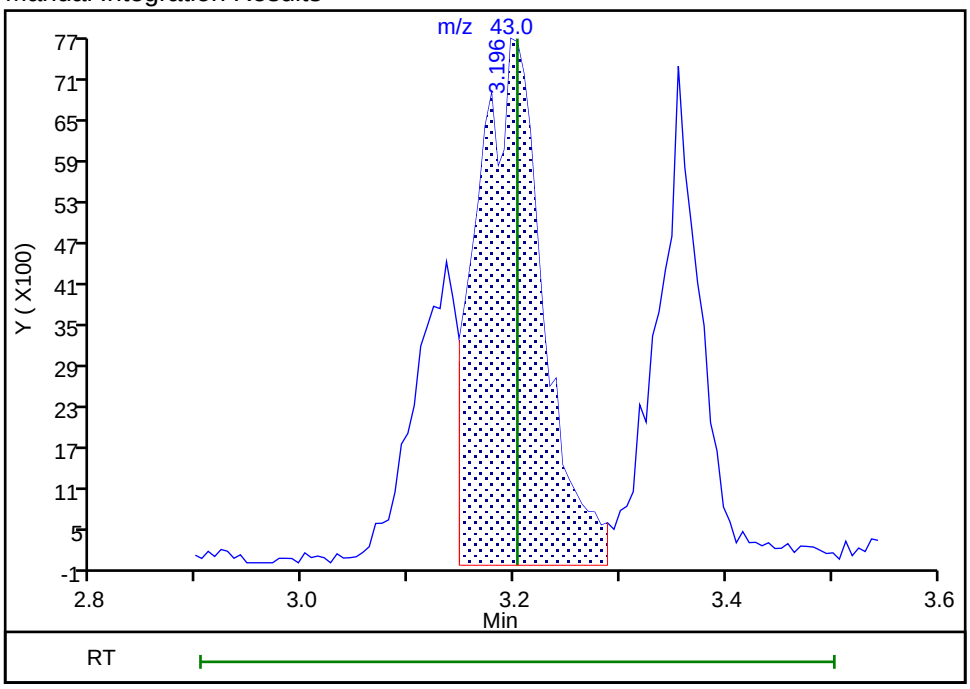
Processing Integration Results

RT: 3.20
Area: 21643
Amount: 2.541045
Amount Units: ug/l



Manual Integration Results

RT: 3.20
Area: 33803
Amount: 4.329421
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:44:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

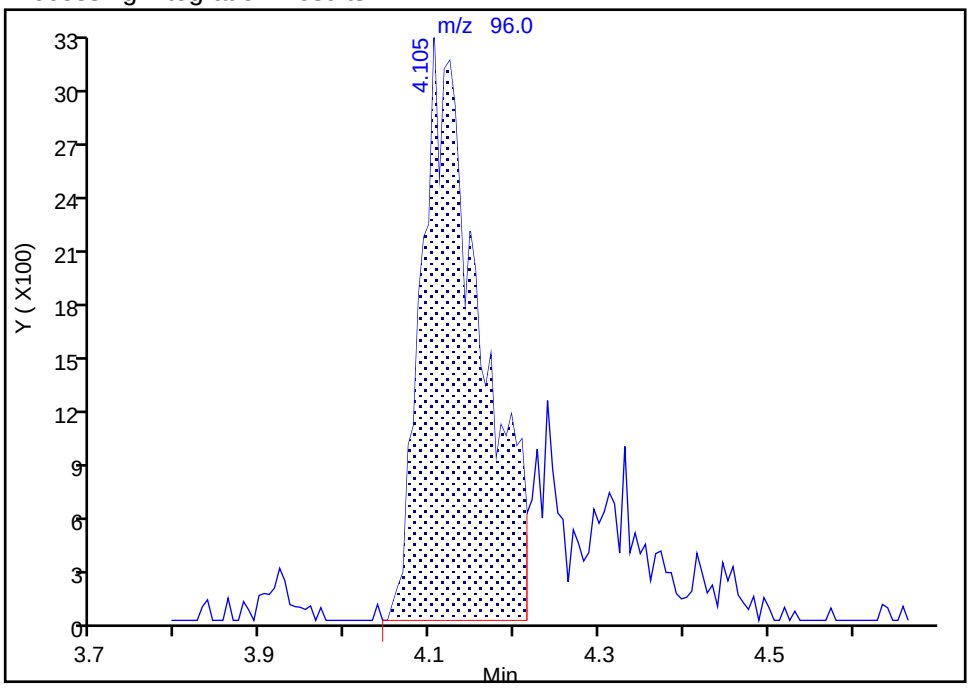
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

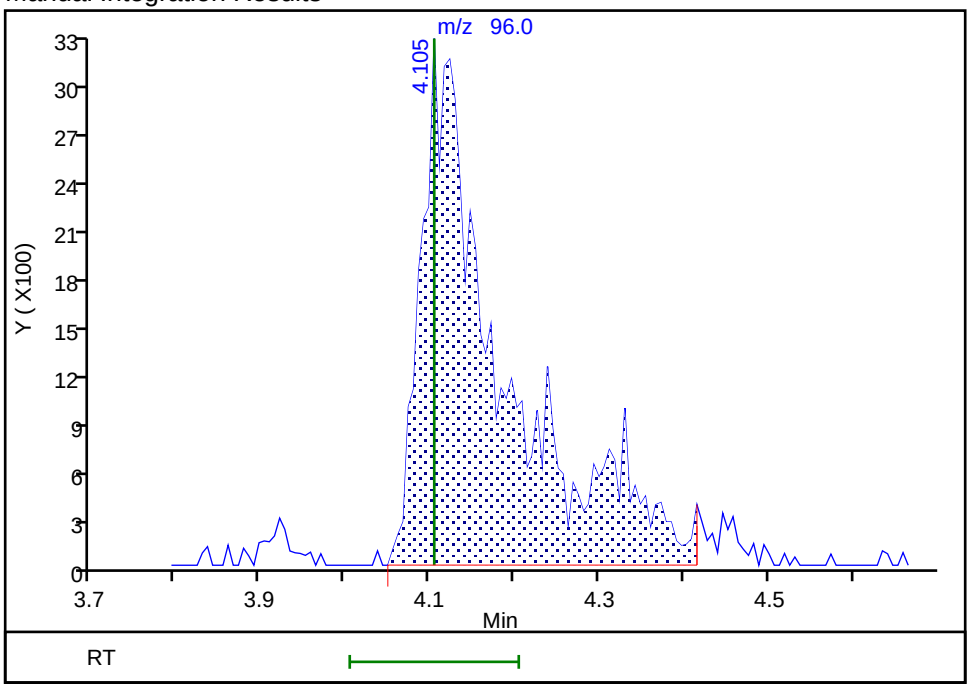
Processing Integration Results

RT: 4.10
Area: 15610
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.10
Area: 21399
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:42:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

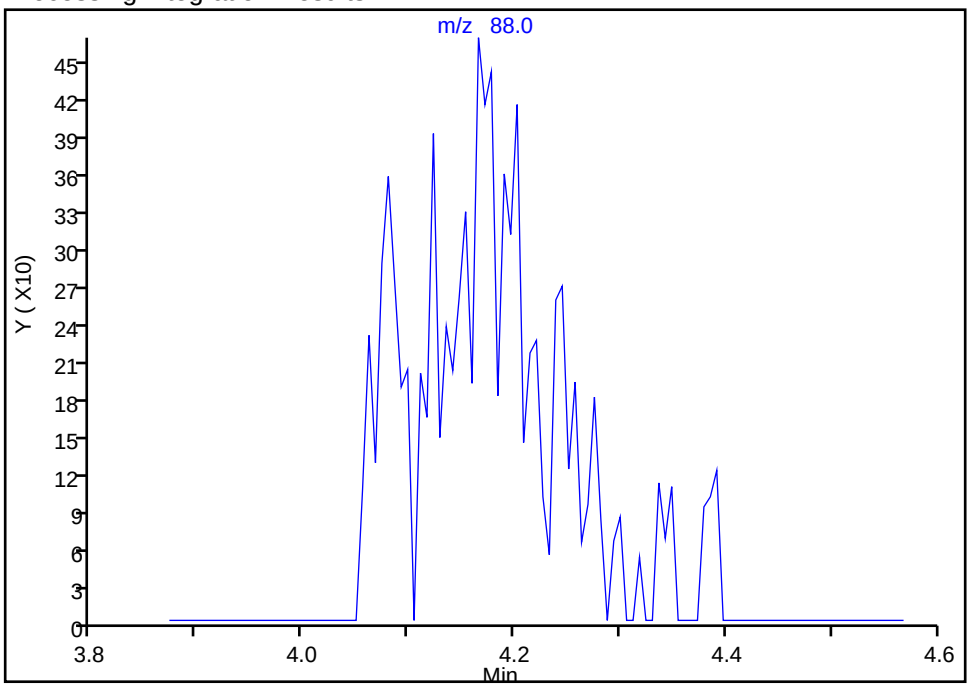
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

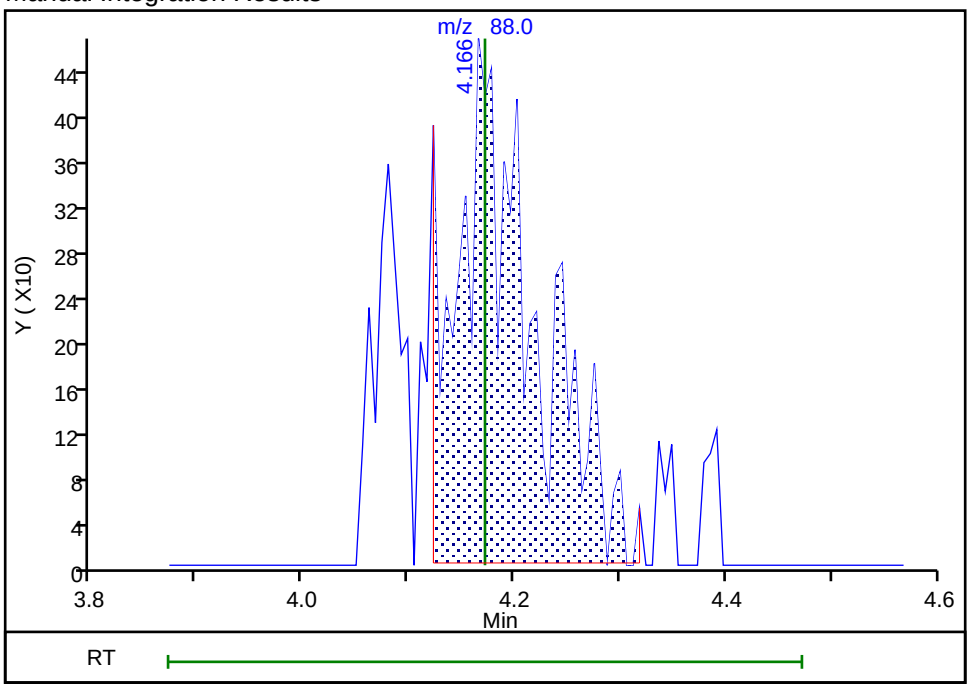
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 2332
Amount: 105.6344
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:42:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

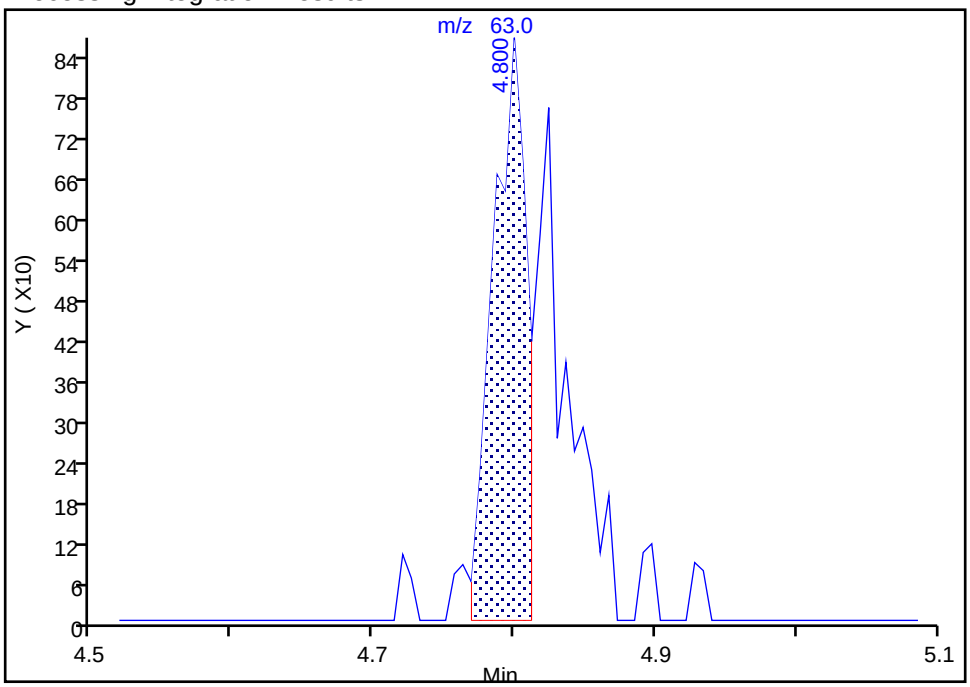
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

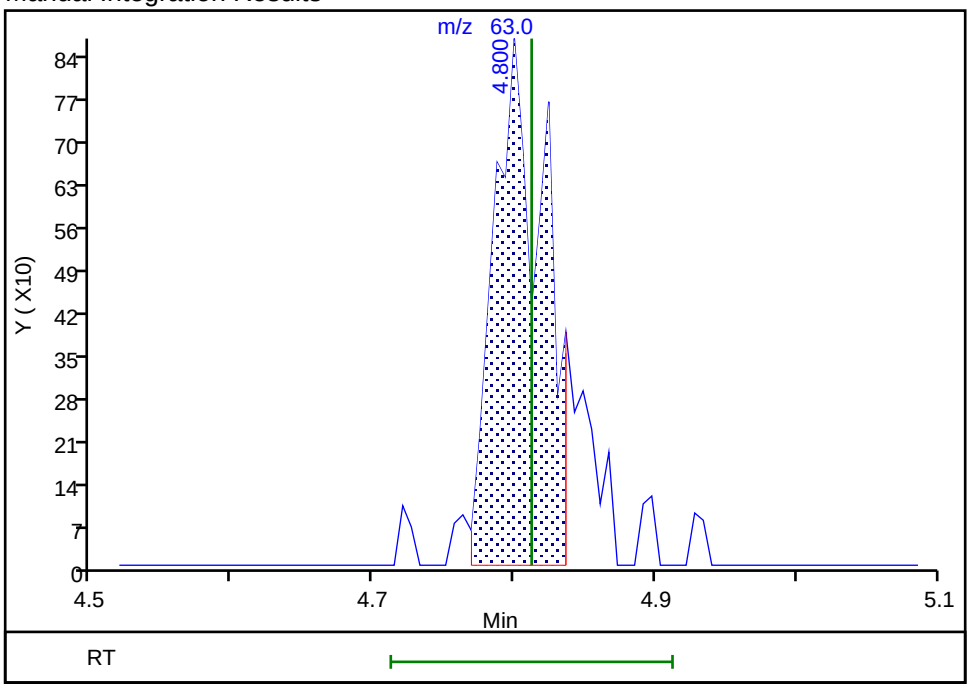
Processing Integration Results

RT: 4.80
Area: 1453
Amount: 4.930970
Amount Units: ug/l



Manual Integration Results

RT: 4.80
Area: 2182
Amount: 3.102841
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:44:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

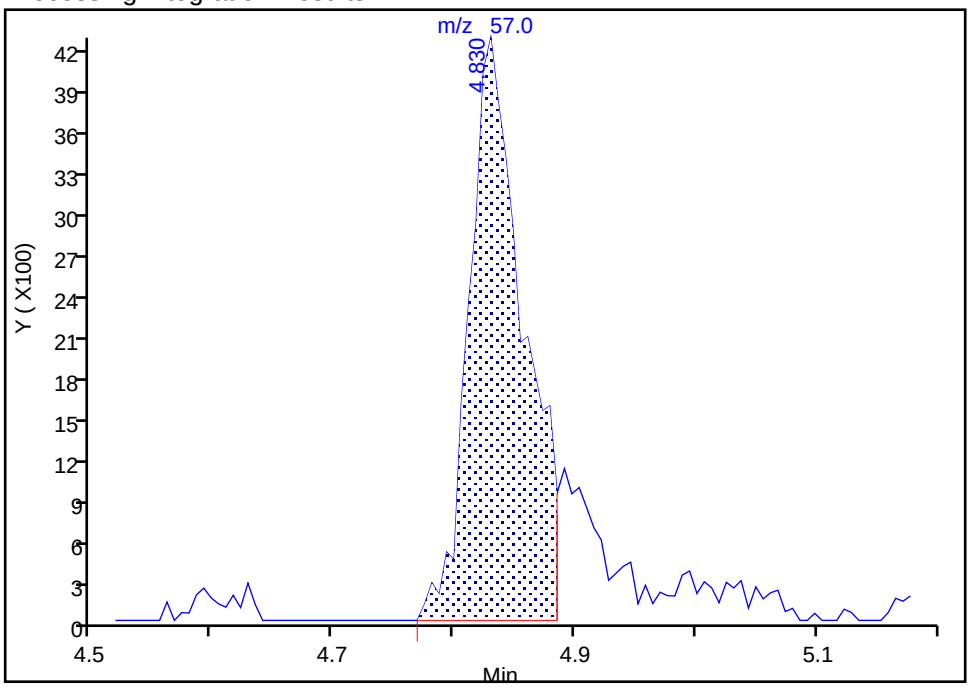
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

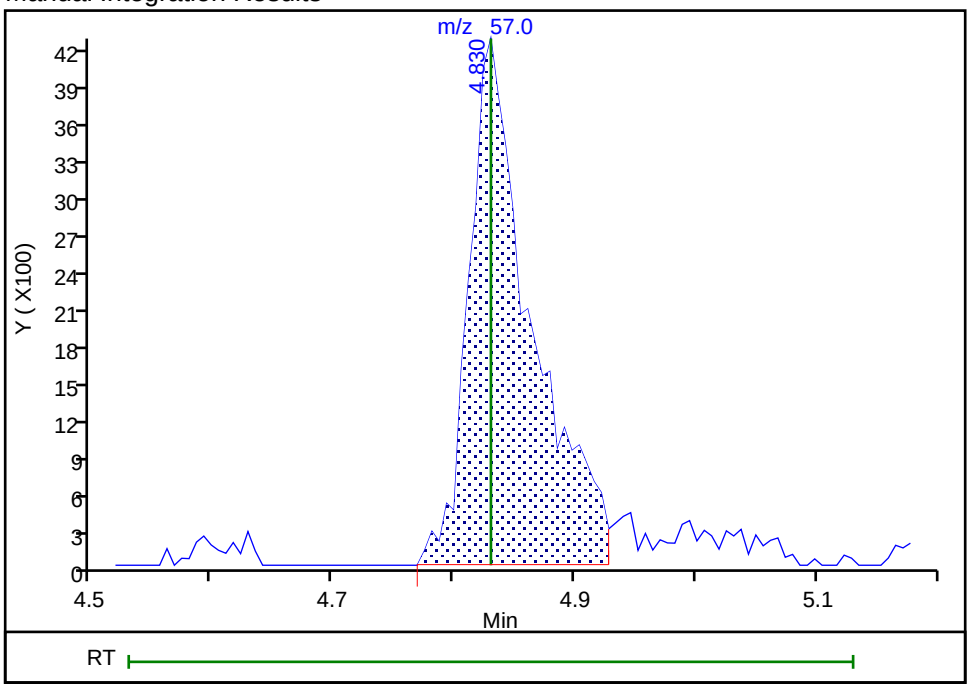
Processing Integration Results

RT: 4.83
Area: 13270
Amount: 100.0002
Amount Units: ug/l



Manual Integration Results

RT: 4.83
Area: 15178
Amount: 85.239230
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:44:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

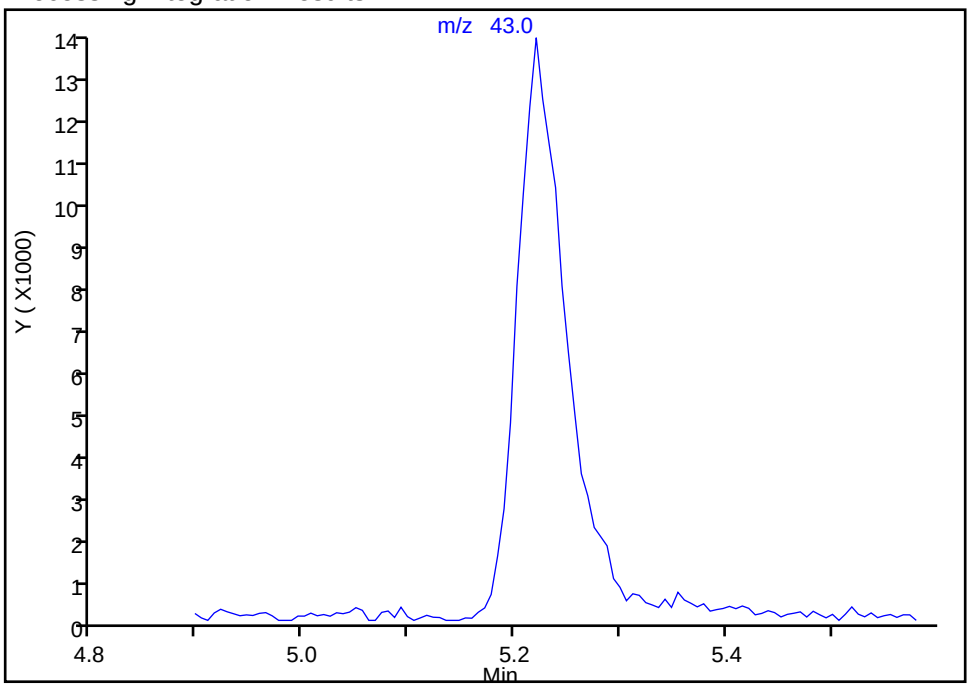
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Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

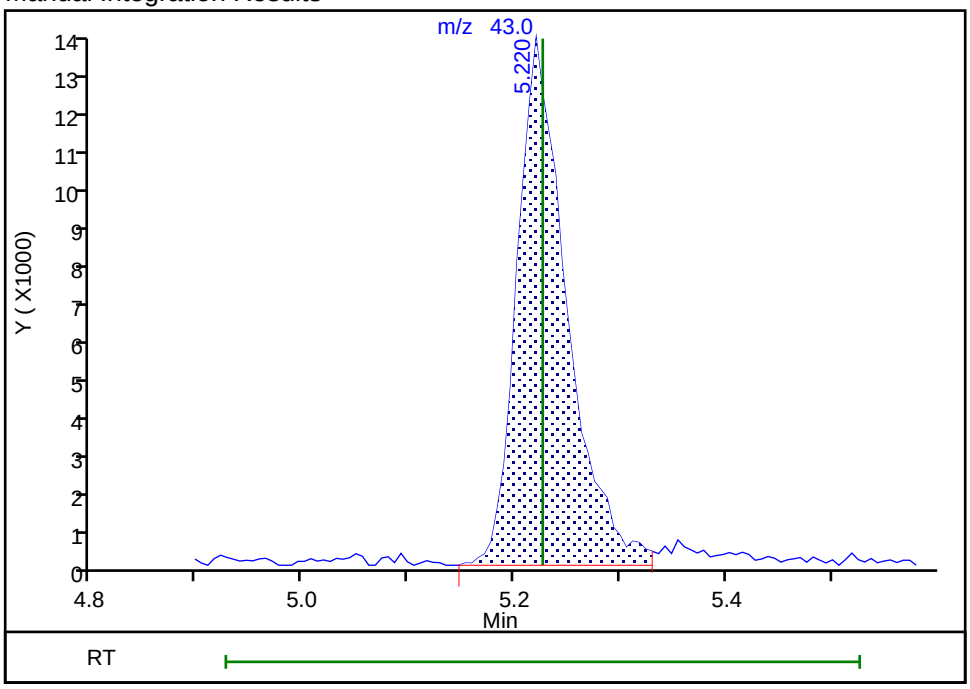
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.22
Area: 44915
Amount: 24.136835
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:44:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

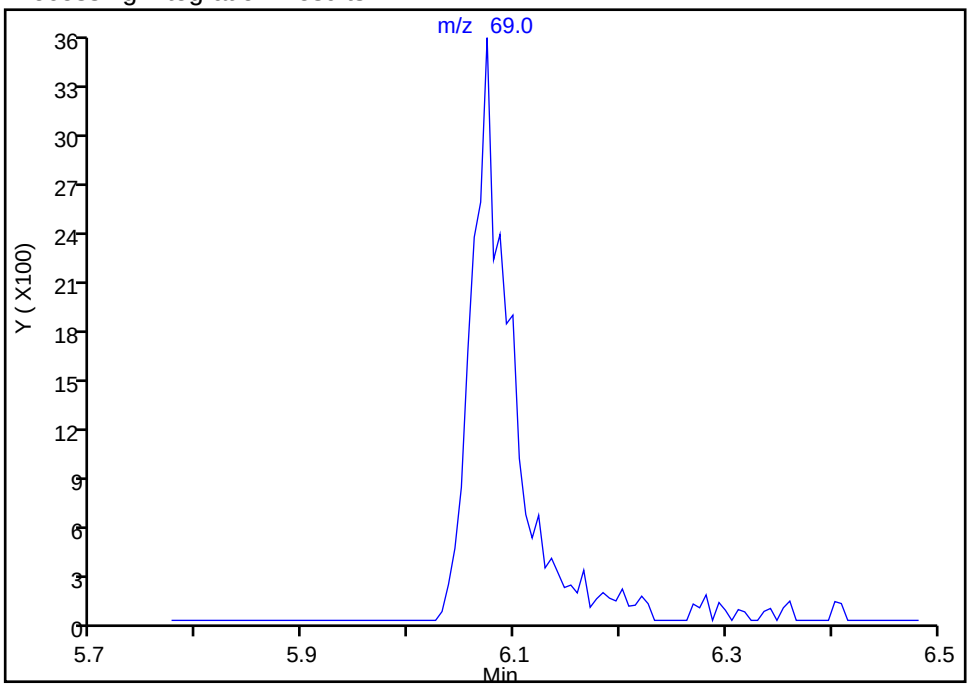
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

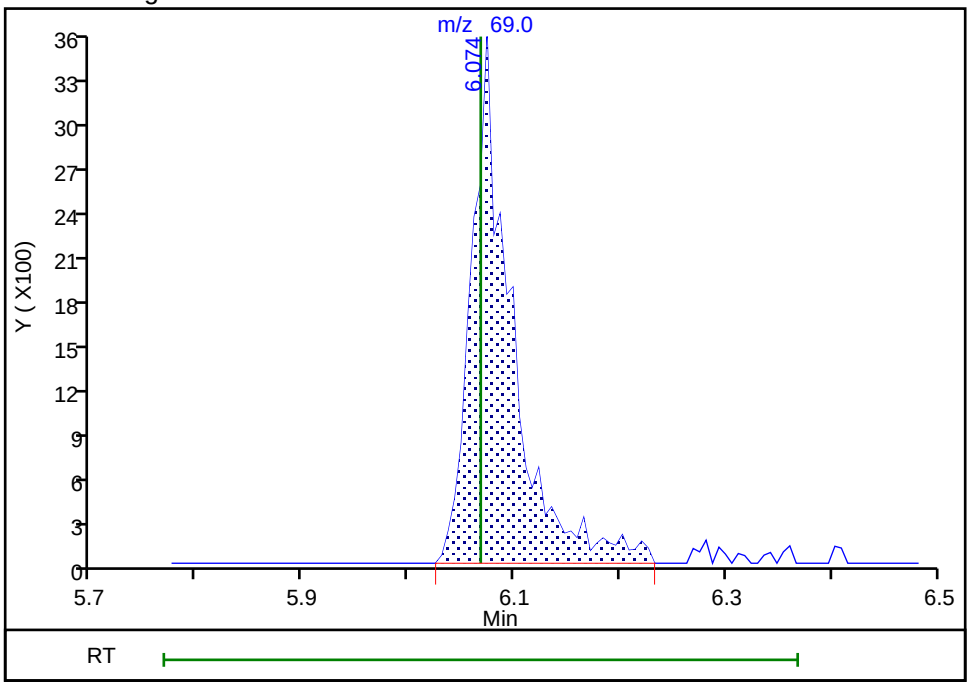
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.07
Area: 9446
Amount: 4.581366
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:44:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

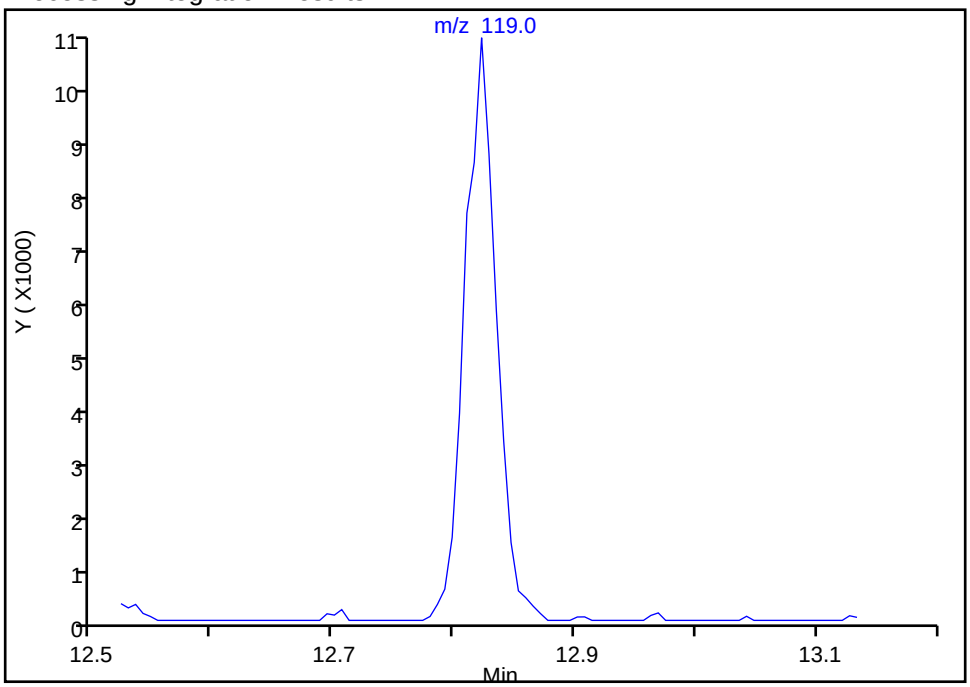
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87422.D
Injection Date: 18-May-2022 13:10:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

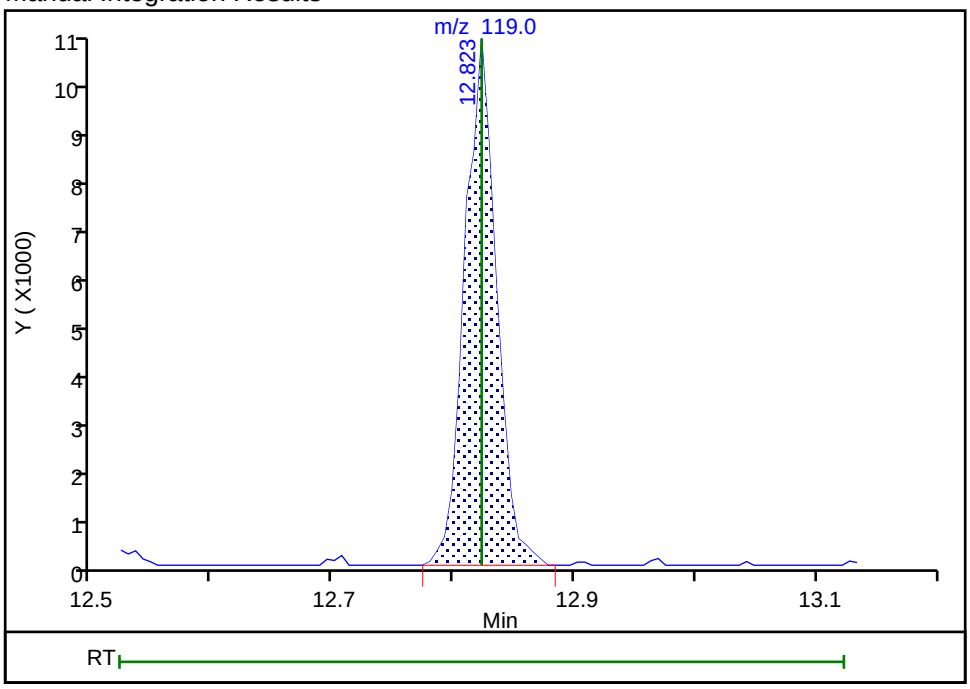
Not Detected
Expected RT: 12.82

Processing Integration Results



Manual Integration Results

RT: 12.82
Area: 19447
Amount: 4.042418
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 13:45:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-May-2022 13:32:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0145428-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-May-2022 18:29:12 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: delpolitov Date: 18-May-2022 17:31:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.581	0.581	0.000	27	3960	20.0	29.5	a
2 1,1-Difluoroethane	51	0.642	0.642	0.000	89	88884	20.0	21.4	
3 Dichlorodifluoromethane	85	0.642	0.642	0.000	55	73901	20.0	21.8	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	95	9562	20.0	21.5	
5 Chloromethane	50	0.728	0.728	0.000	98	79550	20.0	20.7	
7 Vinyl chloride	62	0.764	0.764	0.000	98	60857	20.0	21.0	
6 Butadiene	54	0.776	0.776	0.000	91	54395	20.0	20.3	
8 Bromomethane	94	0.898	0.898	0.000	99	45565	20.0	21.1	
9 Chloroethane	64	0.910	0.910	0.000	98	34281	20.0	21.8	
10 Dichlorofluoromethane	67	1.014	1.014	0.000	70	84924	20.0	20.5	
12 Pentane	72	1.014	1.014	0.000	97	16142	40.0	43.7	
11 Trichlorofluoromethane	101	1.038	1.038	0.000	98	71009	20.0	20.9	M
14 Ethanol	46	1.118	1.118	0.000	69	3916	800.0	577.0	
13 Ethyl ether	59	1.118	1.118	0.000	92	30345	20.0	21.5	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	93	40076	20.0	22.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.130	1.130	0.000	83	45990	20.0	21.4	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.173	1.173	0.000	59	70674	20.0	22.3	M
18 Acrolein	56	1.179	1.179	0.000	97	60930	300.0	287.2	
19 1,1-Dichloroethene	96	1.227	1.227	0.000	96	46416	20.0	22.0	
21 Acetone	43	1.252	1.252	0.000	86	51654	100.0	93.5	
20 112TCTFE	101	1.270	1.270	0.000	42	52216	20.0	21.6	a
22 Iodomethane	142	1.288	1.288	0.000	96	90177	20.0	21.8	
23 Carbon disulfide	76	1.325	1.325	0.000	98	167692	20.0	21.8	
24 Isopropyl alcohol	45	1.362	1.362	0.000	96	28102	200.0	167.0	
25 3-Chloro-1-propene	39	1.410	1.410	0.000	93	49371	20.0	21.1	
26 Methyl acetate	43	1.429	1.429	0.000	98	56057	40.0	44.9	
27 Acetonitrile	39	1.447	1.447	0.000	23	22465	200.0	157.1	a
28 Methylene Chloride	84	1.471	1.471	0.000	87	52321	20.0	20.4	
* 29 TBA-d9 (IS)	65	1.538	1.538	0.000	0	311486	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.587	1.587	0.000	91	57024	200.0	190.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.618	1.618	0.000	99	140048	200.0	187.4	
32 trans-1,2-Dichloroethene	96	1.630	1.630	0.000	92	51021	20.0	21.1	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	98	119959	20.0	21.2	
34 Hexane	57	1.800	1.800	0.000	92	60544	20.0	19.9	
35 1,1-Dichloroethane	63	1.886	1.886	0.000	99	86666	20.0	22.4	
36 Vinyl acetate	86	1.935	1.935	0.000	100	16259	40.0	41.4	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	66	47817	20.0	22.6	
38 Isopropyl ether	45	1.977	1.977	0.000	94	159012	20.0	21.2	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	88	57604	20.0	20.6	
* 40 2-Butanone-d5	46	2.276	2.276	0.000	0	280626	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	98	58482	20.0	20.0	
42 2,2-Dichloropropane	79	2.300	2.300	0.000	71	24614	20.0	20.5	
43 2-Butanone (MEK)	72	2.325	2.325	0.000	96	26106	100.0	91.4	
44 Propionitrile	54	2.374	2.374	0.000	96	59679	200.0	188.2	
45 Ethyl acetate	70	2.404	2.404	0.000	99	8756	40.0	37.8	
62 Methyl acrylate	55	2.410	2.410	0.000	64	46143	20.0	20.3	
46 Chlorobromomethane	128	2.477	2.477	0.000	53	29542	20.0	21.1	
47 Methacrylonitrile	67	2.483	2.483	0.000	90	178223	200.0	210.4	
48 Tetrahydrofuran	72	2.520	2.520	0.000	93	11646	40.0	37.8	M
49 Chloroform	83	2.563	2.563	0.000	99	85578	20.0	20.8	
$ 50 Dibromofluoromethane (Surr)	113	2.691	2.691	0.000	97	131932	50.0	53.4	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	64	75156	20.0	21.3	
52 Cyclohexane	84	2.752	2.752	0.000	91	84696	20.0	21.0	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	95	64385	20.0	20.6	
53 Carbon tetrachloride	117	2.843	2.843	0.000	76	61907	20.0	21.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	127641	50.0	53.9	
56 Benzene	78	3.020	3.020	0.000	94	201835	20.0	20.1	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	97	53472	20.0	20.2	
58 Isobutyl alcohol	42	3.129	3.129	0.000	33	24103	500.0	346.8	Ma
59 Tert-amyl methyl ether	73	3.184	3.184	0.000	91	153658	20.0	20.3	
73 Isopropyl acetate	43	3.203	3.203	0.000	95	138906	20.0	16.8	
* 60 Fluorobenzene	96	3.312	3.312	0.000	99	568641	50.0	50.0	
61 n-Heptane	43	3.367	3.367	0.000	93	83840	20.0	19.5	
63 Trichloroethene	95	3.709	3.709	0.000	97	48449	20.0	20.1	
65 Methylcyclohexane	83	3.910	3.910	0.000	96	90668	20.0	20.0	
64 n-Butanol	43	3.910	3.910	0.000	47	17455	500.0	787.4	
66 Ethyl acrylate	55	3.928	3.928	0.000	93	122087	20.0	20.9	
67 1,2-Dichloropropane	63	3.940	3.940	0.000	94	49835	20.0	20.6	
68 Dibromomethane	93	4.081	4.081	0.000	95	27206	20.0	19.8	
* 69 1,4-Dioxane-d8	96	4.105	4.105	0.000	0	23299	1000.0	1000.0	
70 1,4-Dioxane	88	4.172	4.172	0.000	32	9661	400.0	401.9	M
71 Methyl methacrylate	100	4.215	4.215	0.000	98	20927	40.0	42.5	
72 Dichlorobromomethane	83	4.318	4.318	0.000	98	57317	20.0	20.4	
81 n-Propyl acetate	43	4.330	4.330	0.000	98	53288	20.0	21.3	
74 2-Nitropropane	41	4.629	4.629	0.000	99	16728	40.0	35.3	
75 2-Chloroethyl vinyl ether	63	4.812	4.812	0.000	95	11455	20.0	15.3	
76 Epichlorohydrin	57	4.830	4.830	0.000	99	75610	400.0	394.0	
77 cis-1,3-Dichloropropene	75	4.928	4.928	0.000	92	67324	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK)	43	5.227	5.227	0.000	95	207758	100.0	103.6	a
$ 79 Toluene-d8 (Surr)	98	5.275	5.275	0.000	99	526682	50.0	52.8	
80 Toluene	91	5.373	5.373	0.000	93	205374	20.0	20.2	
82 trans-1,3-Dichloropropene	75	5.800	5.800	0.000	98	54614	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.050	6.050	0.000	96	33019	20.0	19.8	
84 Ethyl methacrylate	69	6.068	6.068	0.000	72	46904	20.0	20.0	a
85 Tetrachloroethene	166	6.202	6.202	0.000	97	51523	20.0	20.8	
86 1,3-Dichloropropane	76	6.294	6.294	0.000	92	63854	20.0	19.7	
87 2-Hexanone	43	6.580	6.580	0.000	96	133155	100.0	100.6	
88 Chlorodibromomethane	129	6.647	6.647	0.000	99	41243	20.0	20.1	
89 Ethylene Dibromide	107	6.751	6.751	0.000	97	38361	20.0	20.1	
90 n-Butyl acetate	43	6.921	6.921	0.000	99	57607	20.0	20.0	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	85	405089	50.0	50.0	
92 Chlorobenzene	112	7.683	7.683	0.000	95	128441	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	7.897	7.897	0.000	95	44534	20.0	20.0	
94 Ethylbenzene	106	7.982	7.982	0.000	98	68785	20.0	19.8	
95 m-Xylene & p-Xylene	106	8.232	8.232	0.000	99	81346	20.0	19.9	
96 o-Xylene	106	8.964	8.964	0.000	94	79858	20.0	19.9	
97 Styrene	104	9.012	9.012	0.000	96	128597	20.0	20.1	
98 n-Butyl acrylate	73	9.208	9.208	0.000	98	26045	20.0	19.7	
99 Bromoform	173	9.256	9.256	0.000	95	26062	20.0	19.8	
101 Amyl acetate (mixed isomers)	43	9.695	9.695	0.000	91	65848	20.0	20.6	
102 Isopropylbenzene	105	9.714	9.714	0.000	96	217230	20.0	20.0	
$ 103 4-Bromofluorobenzene	174	9.921	9.921	0.000	91	153116	50.0	53.3	
104 Bromobenzene	156	10.098	10.098	0.000	99	53650	20.0	19.7	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	98	13857	20.0	20.7	
106 1,1,2,2-Tetrachloroethane	83	10.341	10.341	0.000	98	57245	20.0	20.8	
107 trans-1,4-Dichloro-2-butene	53	10.439	10.439	0.000	86	13595	20.0	18.9	
108 N-Propylbenzene	120	10.470	10.470	0.000	99	60149	20.0	20.3	
109 2-Chlorotoluene	126	10.506	10.506	0.000	96	53982	20.0	20.6	
110 4-Ethyltoluene	105	10.689	10.689	0.000	98	210738	20.0	20.8	
111 4-Chlorotoluene	91	10.719	10.719	0.000	98	181867	20.0	20.5	
112 1,3,5-Trimethylbenzene	105	10.829	10.829	0.000	94	177400	20.0	20.2	
100 Butyl Methacrylate	87	11.207	11.207	0.000	99	48050	20.0	19.5	
113 tert-Butylbenzene	119	11.353	11.353	0.000	95	146207	20.0	20.3	
114 1,2,4-Trimethylbenzene	105	11.439	11.439	0.000	97	183396	20.0	20.0	
115 sec-Butylbenzene	105	11.744	11.744	0.000	99	242576	20.0	20.0	
116 1,3-Dichlorobenzene	146	11.805	11.805	0.000	97	105721	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	95	218736	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.994	11.994	0.000	96	109745	20.0	19.7	
119 4-Isopropyltoluene	119	12.073	12.073	0.000	98	200707	20.0	19.7	
120 1,2,3-Trimethylbenzene	105	12.170	12.170	0.000	98	198457	20.0	20.3	
121 Benzyl chloride	126	12.323	12.323	0.000	99	18024	20.0	18.6	
122 2,3-Dihydroindene	117	12.500	12.500	0.000	95	184701	20.0	20.3	
123 1,2-Dichlorobenzene	146	12.689	12.689	0.000	96	103604	20.0	20.0	
124 p-Diethylbenzene	119	12.823	12.823	0.000	92	107087	20.0	20.5	a
125 n-Butylbenzene	92	12.847	12.847	0.000	98	122190	20.0	19.3	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	94	11564	20.0	20.9	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	98	184479	20.0	20.3	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	98	84904	20.0	19.5	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	93	76252	20.0	19.5	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	93	38320	20.0	19.9	
131 Naphthalene	128	14.383	14.383	0.000	100	200407	20.0	19.8	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	75841	20.0	19.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	39.8	
S 136 Total BTEX	1				0		100.0	99.8	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
GASES Li_00476	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-May-2022 18:29:14 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D

Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2 Operator ID:

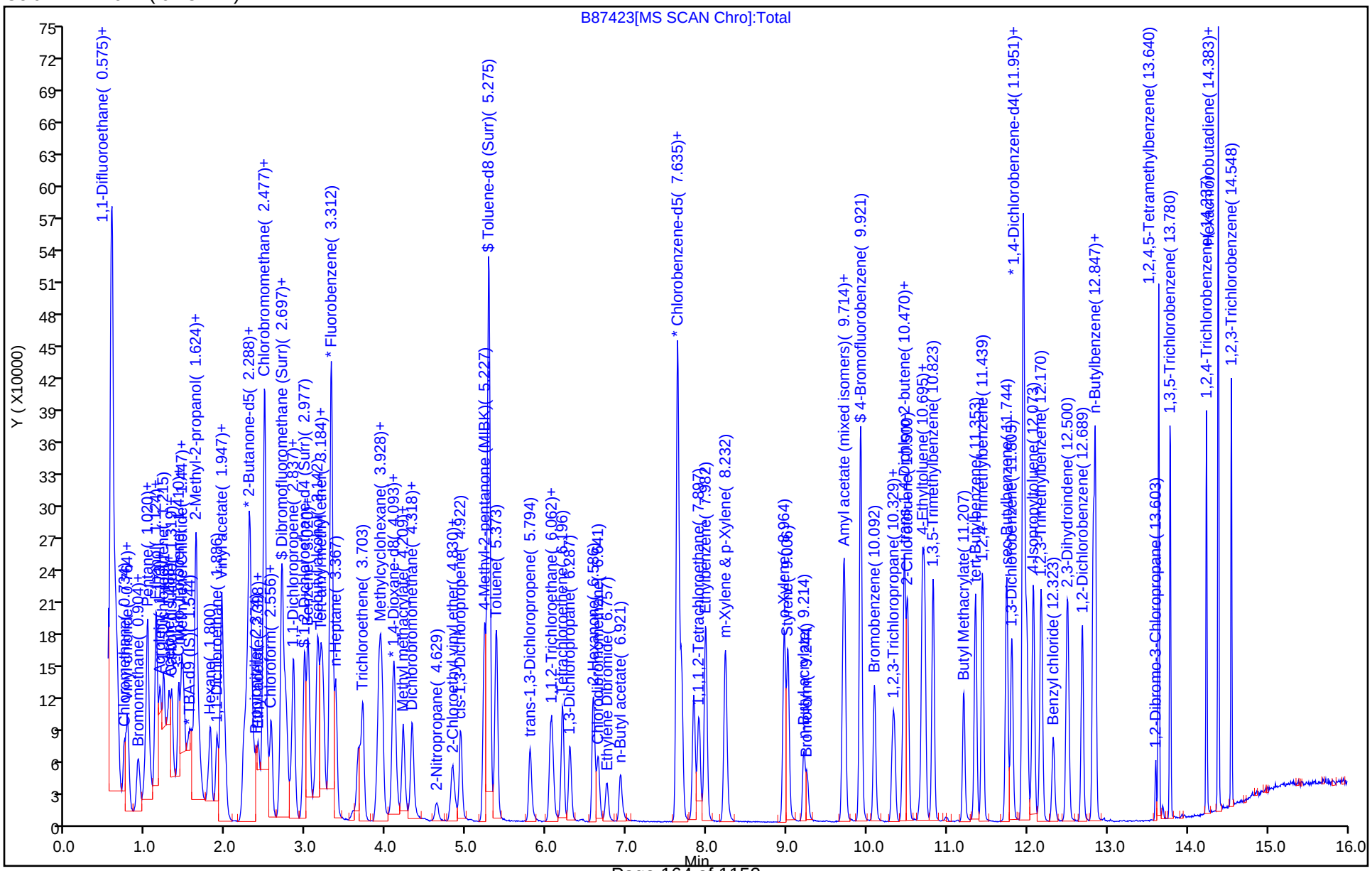
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

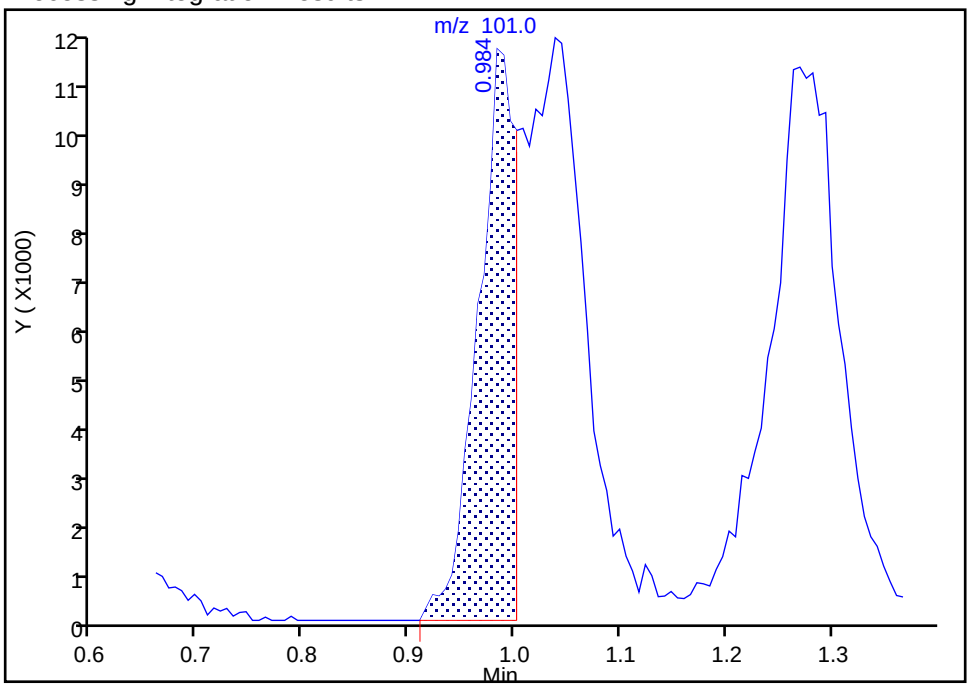
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Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

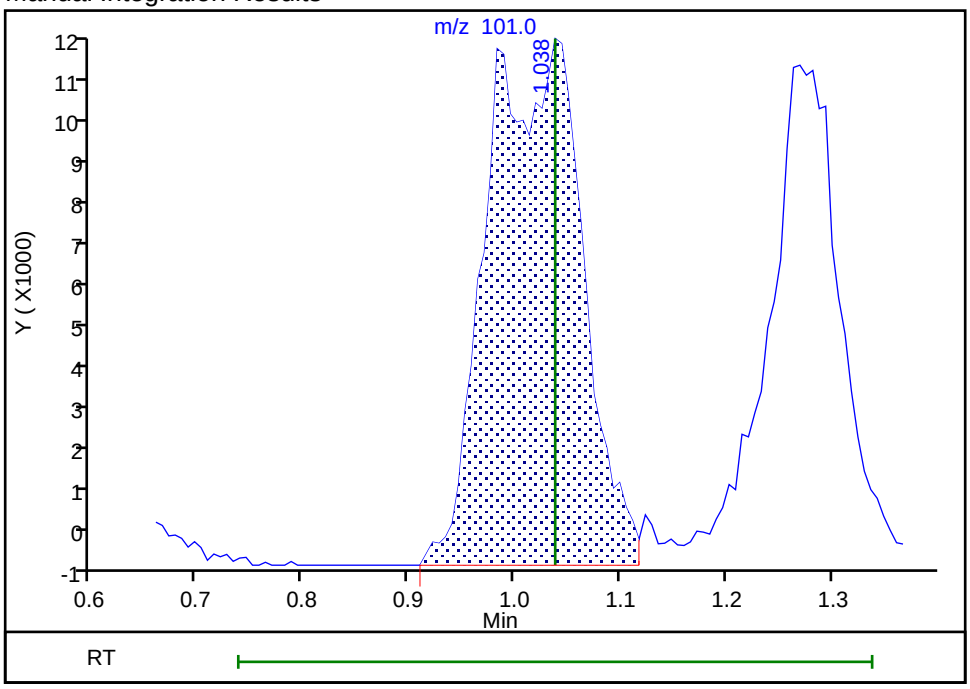
Processing Integration Results

RT: 0.98
Area: 27399
Amount: 184.5500
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 71009
Amount: 20.891589
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:27:59
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

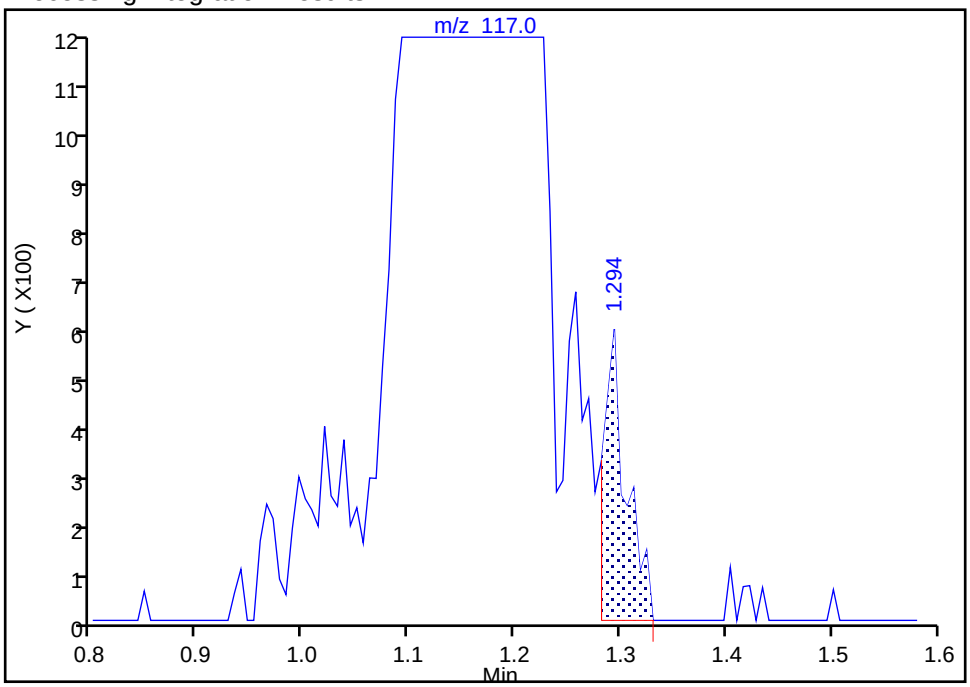
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

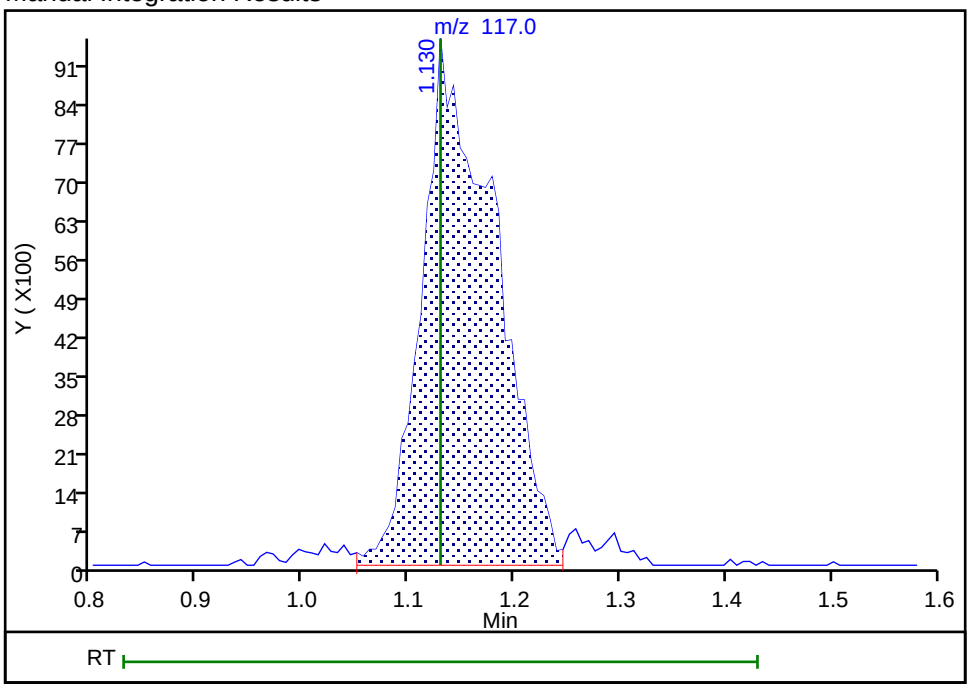
Processing Integration Results

RT: 1.29
Area: 860
Amount: 0.000152
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 45990
Amount: 21.368989
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:28:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

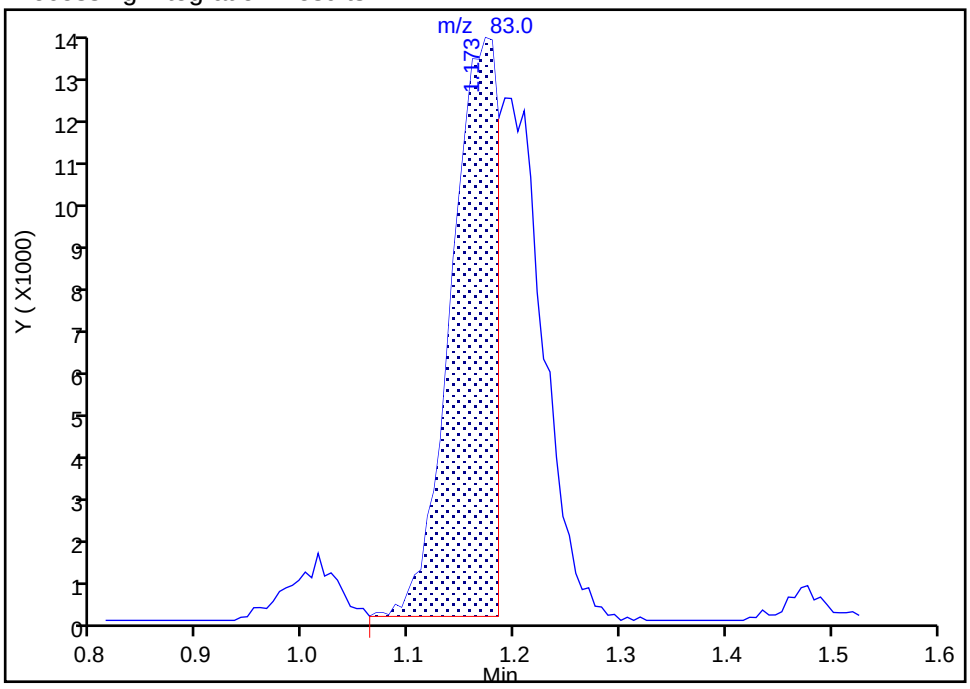
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

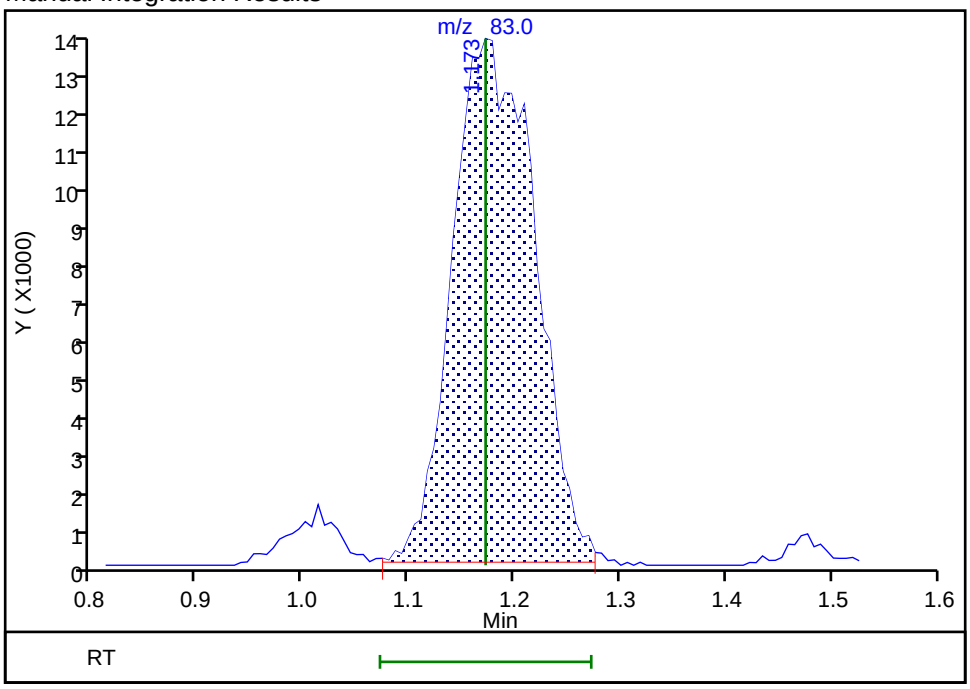
Processing Integration Results

RT: 1.17
Area: 39843
Amount: 19.979788
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 70674
Amount: 22.299097
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:28:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

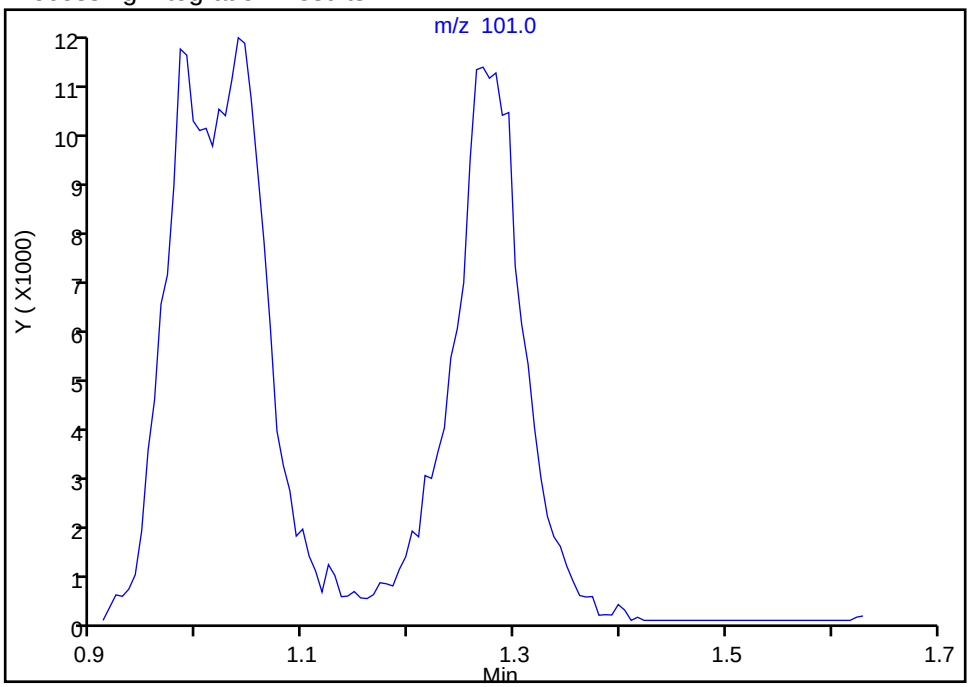
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

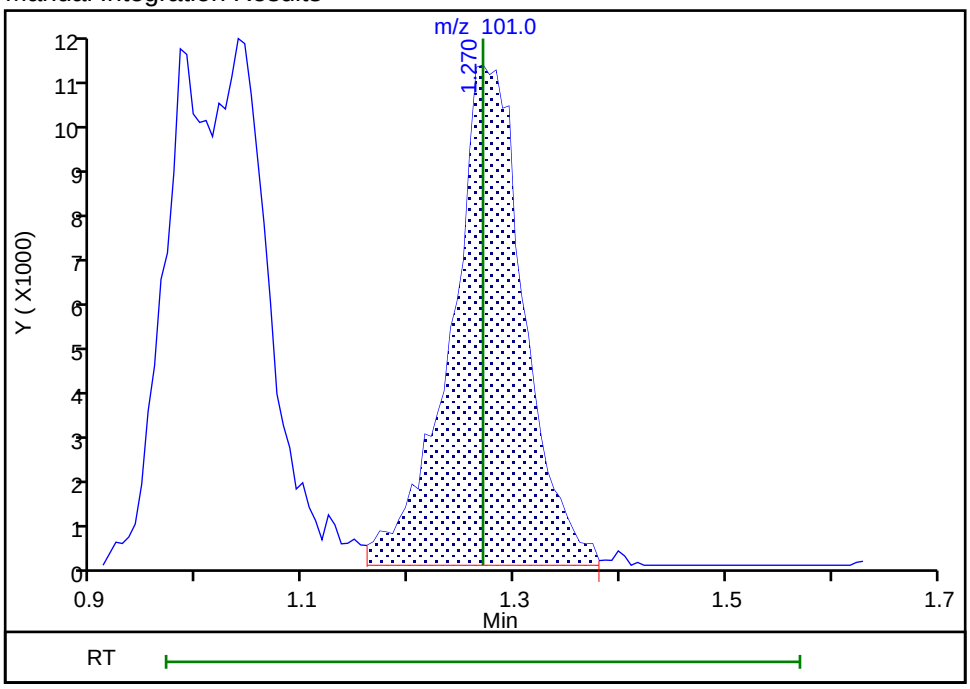
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 52216
Amount: 21.551425
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:28:27
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

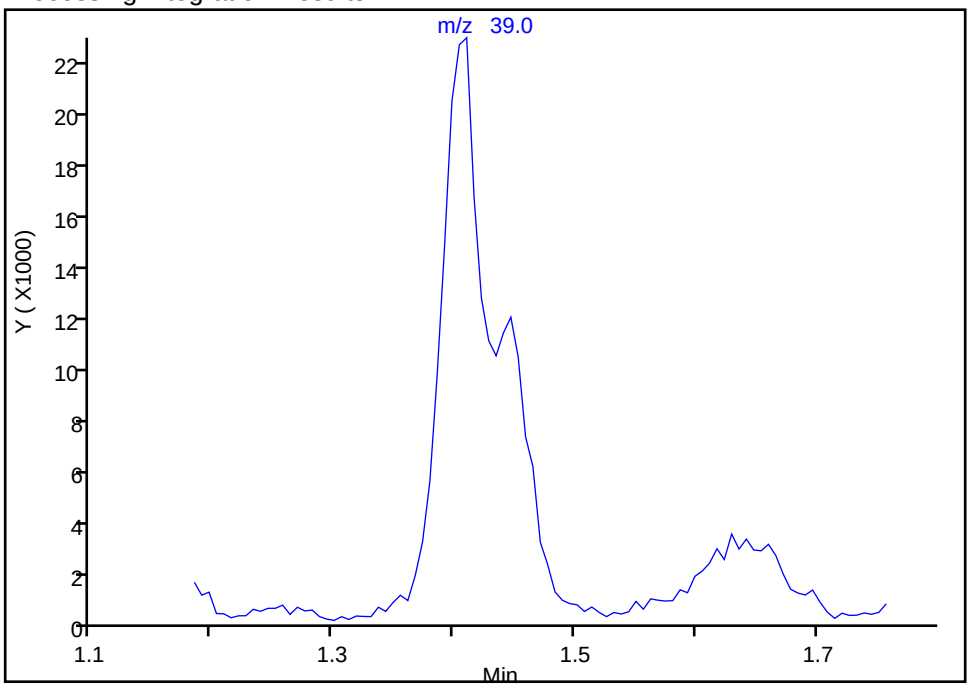
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

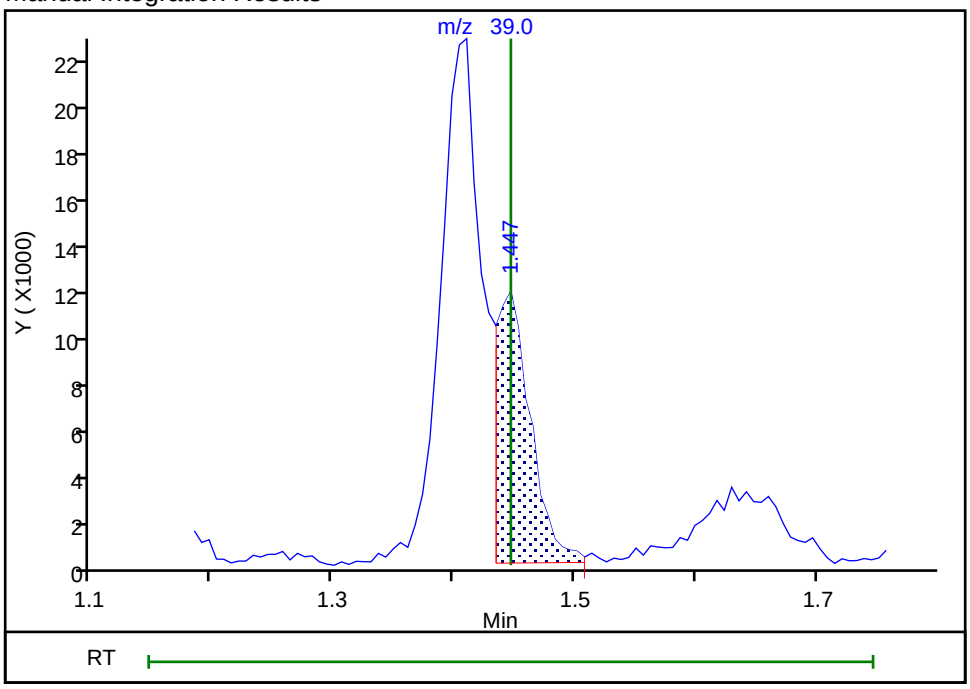
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 22465
Amount: 157.1478
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:28:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

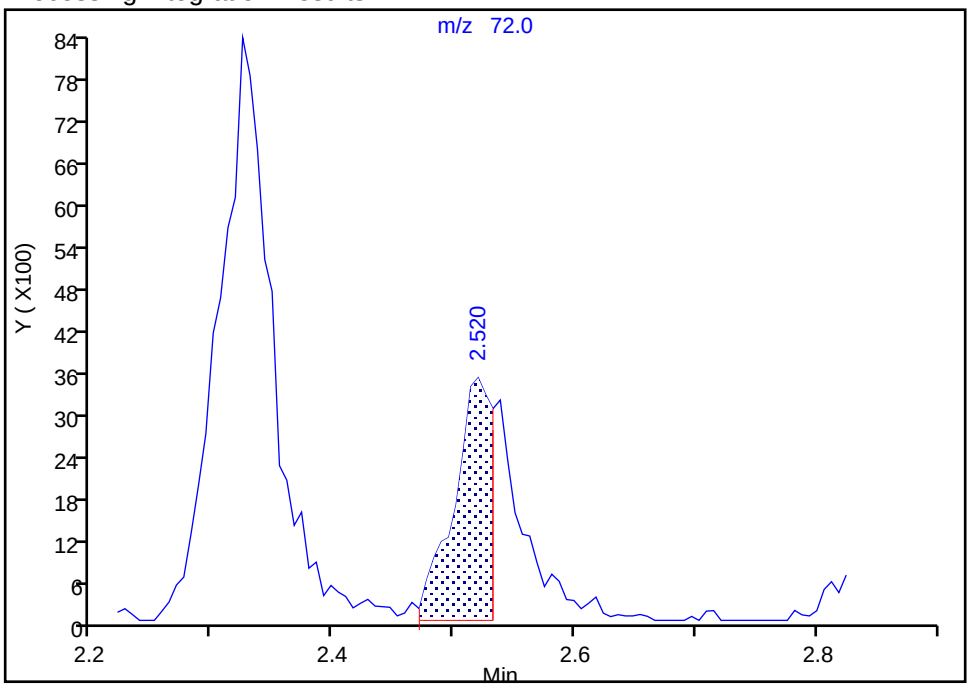
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Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

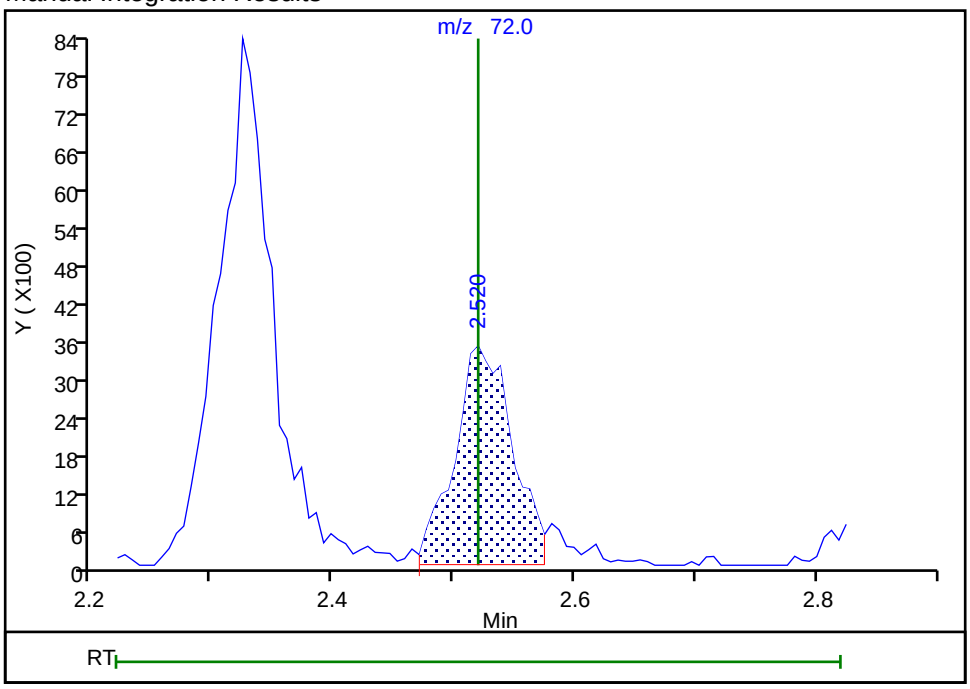
Processing Integration Results

RT: 2.52
Area: 7764
Amount: 37.820359
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 11646
Amount: 37.783820
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:29:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

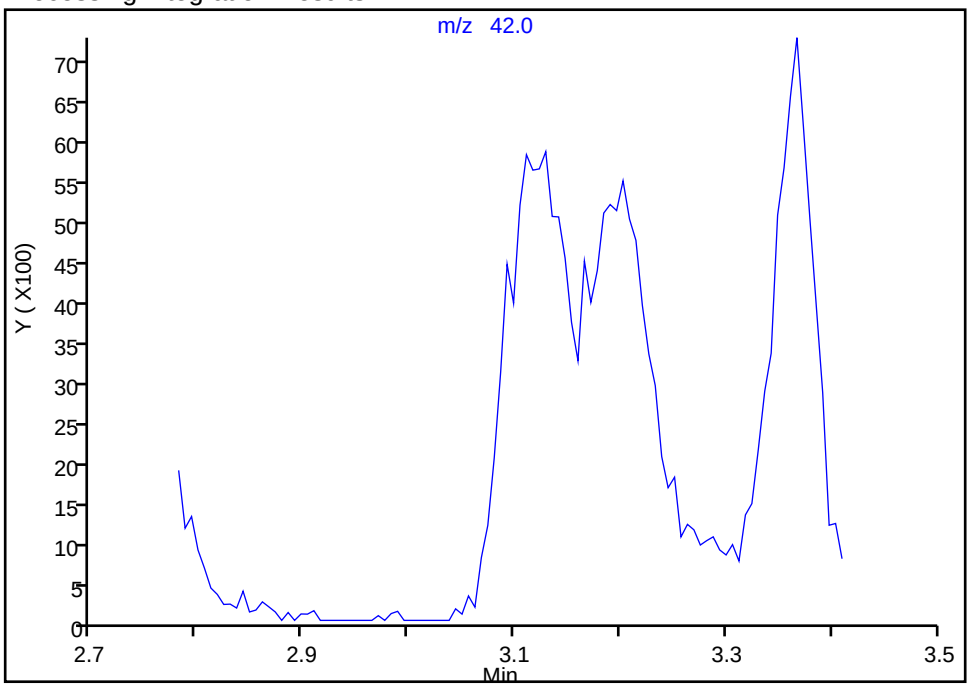
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

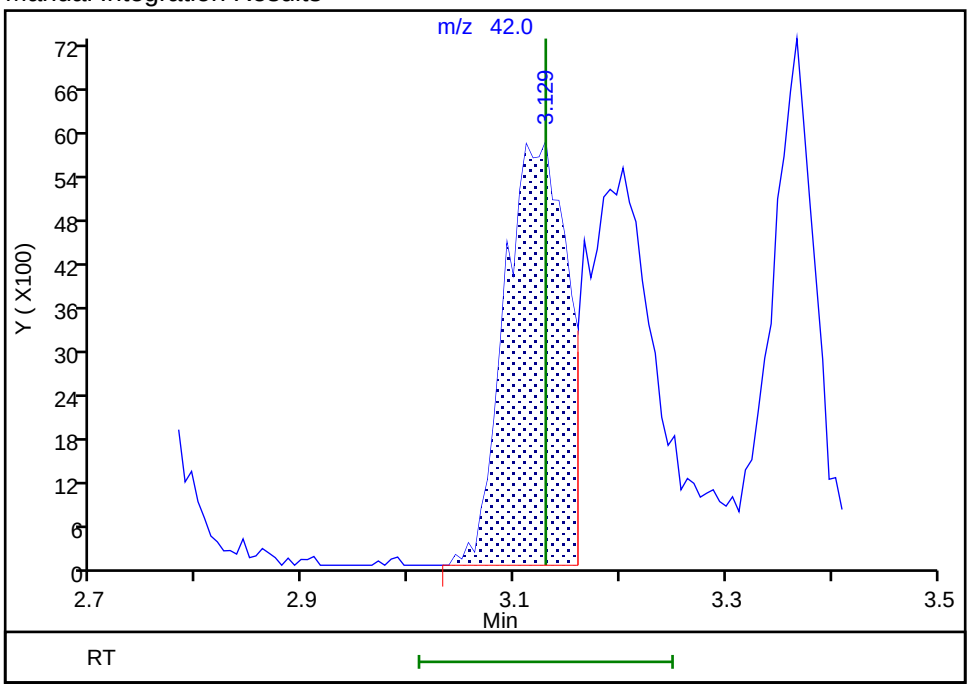
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.13
Area: 24103
Amount: 346.8462
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:29:27
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

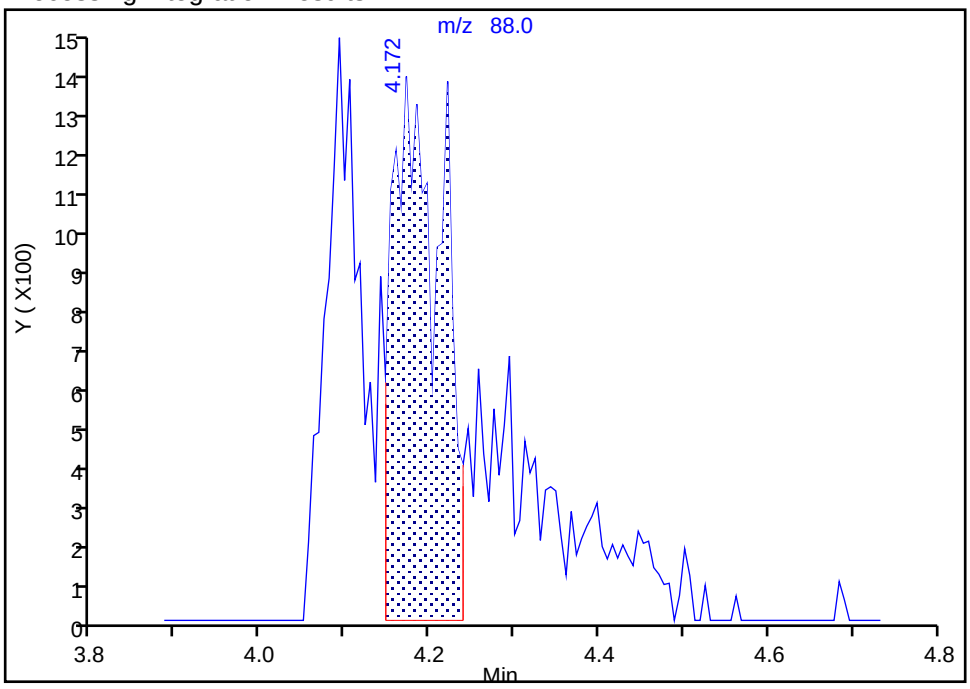
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

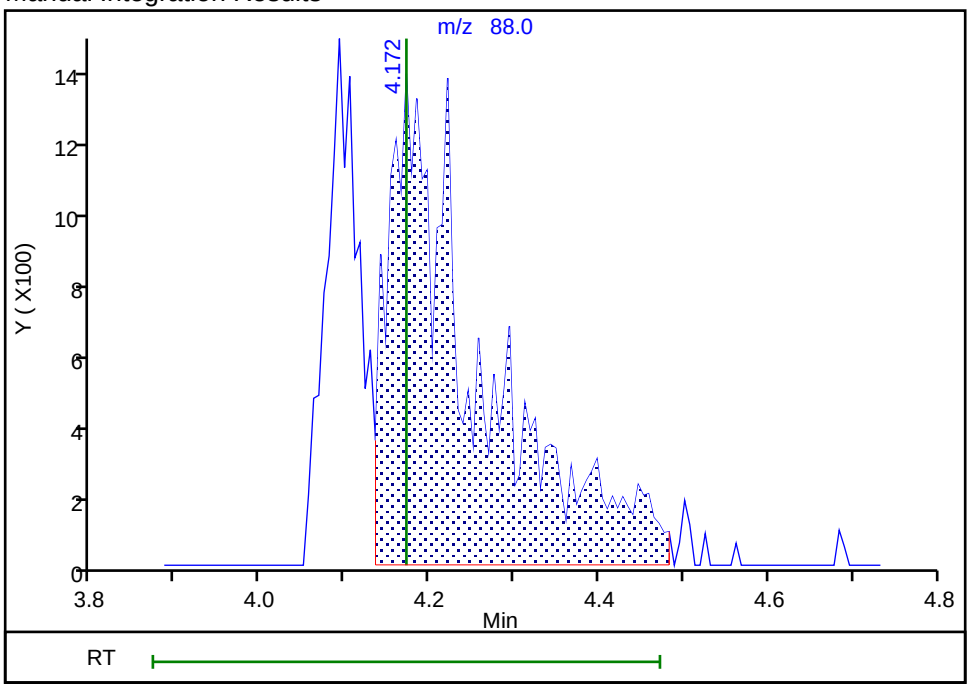
Processing Integration Results

RT: 4.17
Area: 5349
Amount: 187.0092
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 9661
Amount: 401.9341
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:30:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

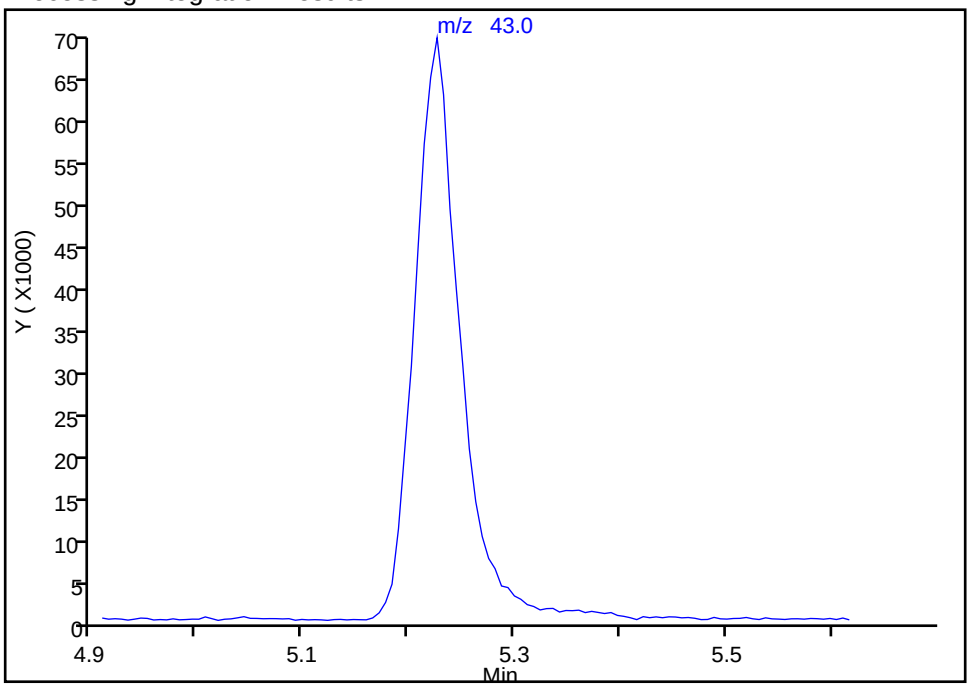
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

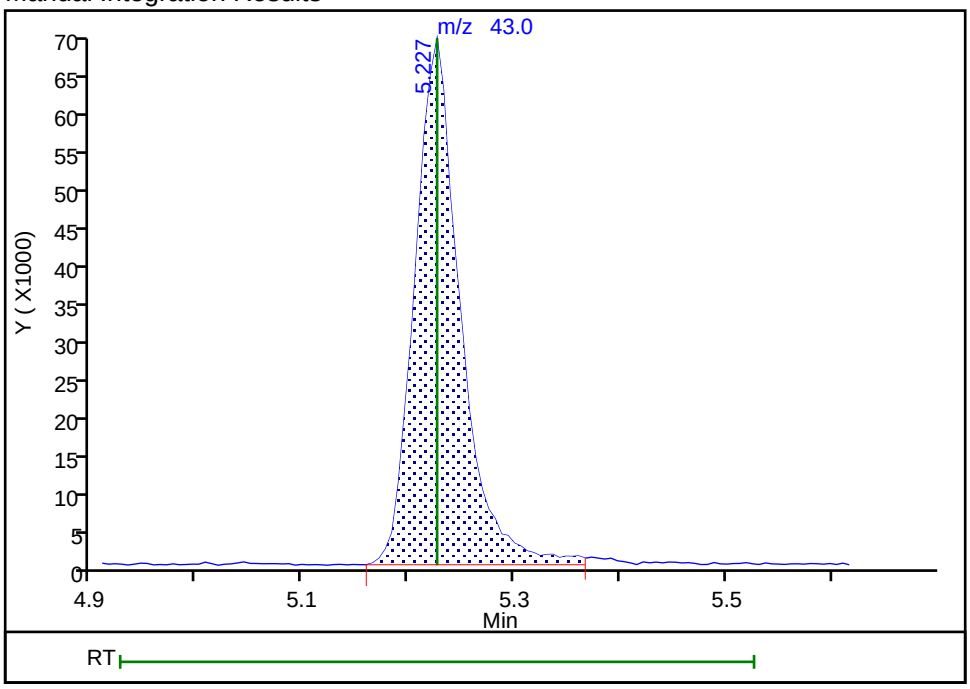
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 207758
Amount: 103.5956
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:30:40
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

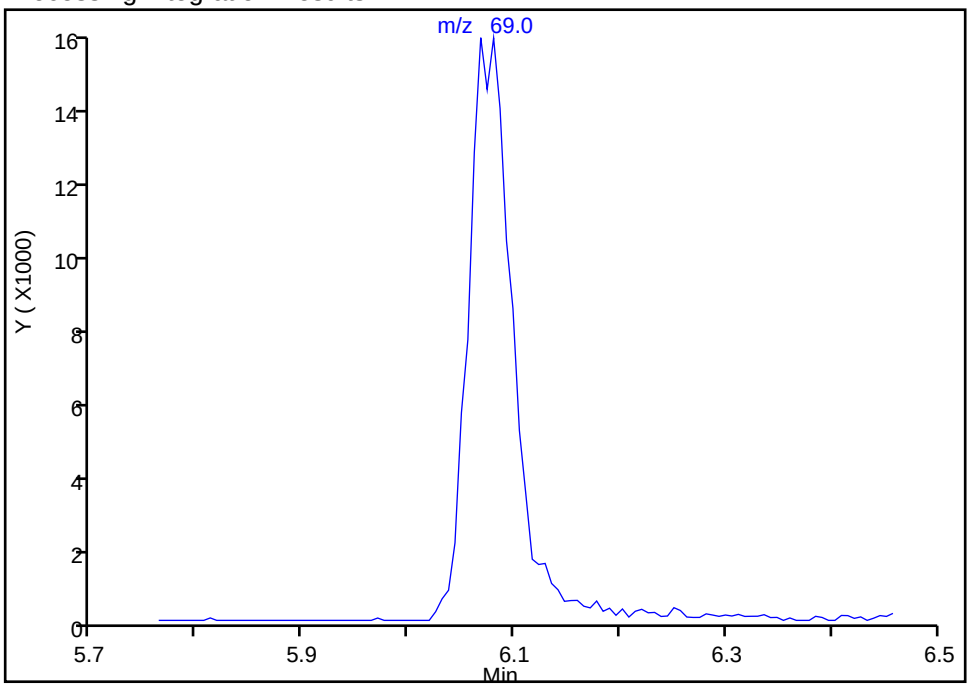
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

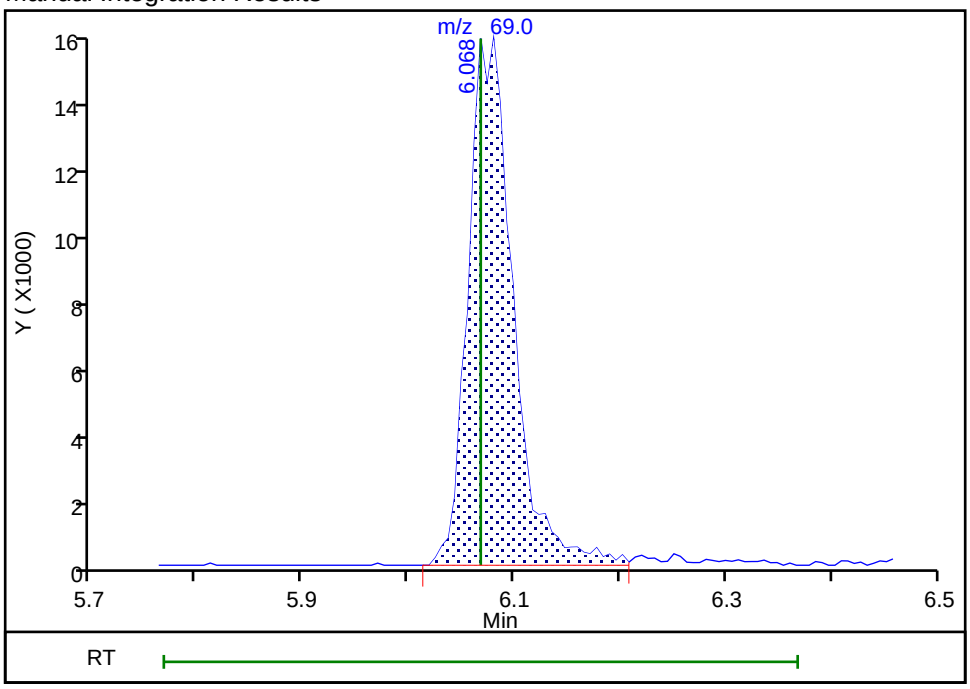
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.07
Area: 46904
Amount: 20.033709
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:30:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

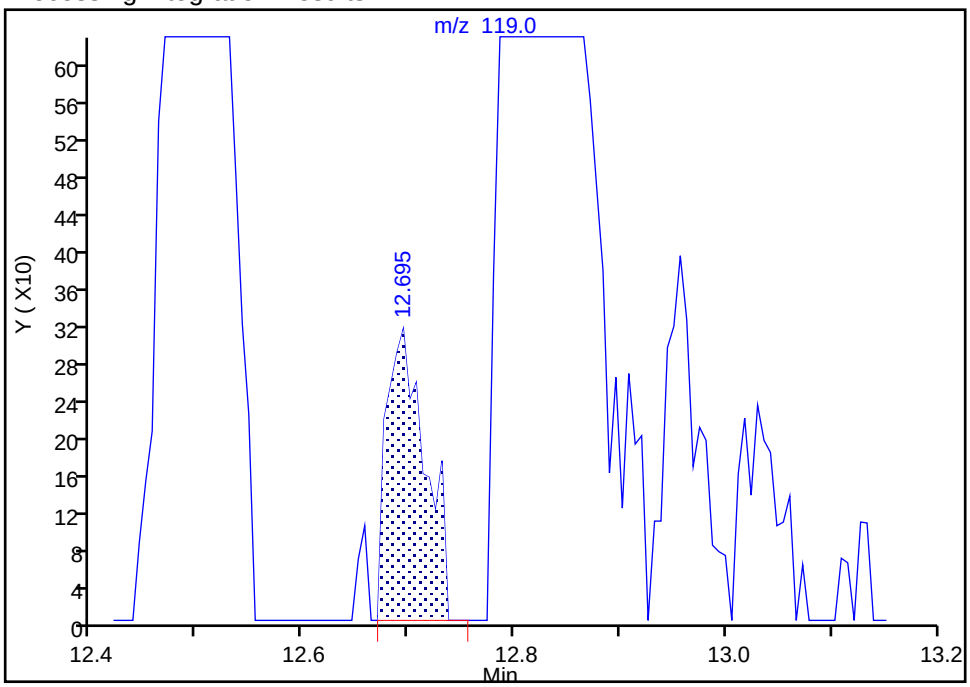
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87423.D
Injection Date: 18-May-2022 13:32:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

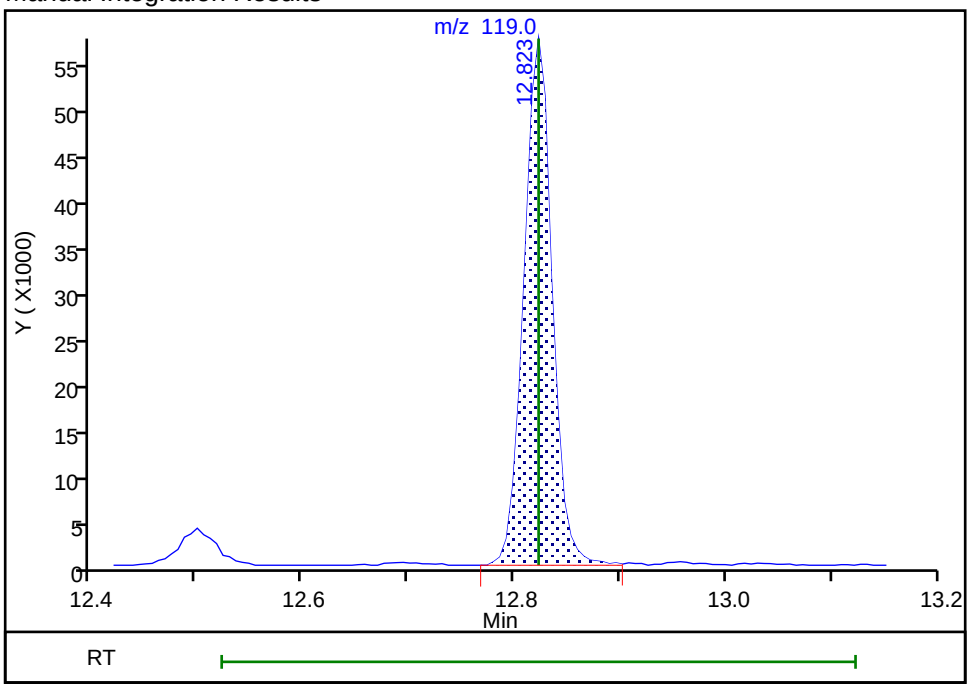
Processing Integration Results

RT: 12.69
Area: 792
Amount: 0.571933
Amount Units: ug/l



Manual Integration Results

RT: 12.82
Area: 107087
Amount: 20.506468
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:31:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 18-May-2022 18:29:23 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87424.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-May-2022 13:54:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0145428-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-May-2022 18:29:22 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: delpolitov Date: 18-May-2022 17:38:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.593	0.581	0.012	49	11194	50.0	75.3	a
2 1,1-Difluoroethane	51	0.648	0.642	0.006	94	232855	50.0	50.7	M
3 Dichlorodifluoromethane	85	0.654	0.642	0.012	66	183797	50.0	49.1	
4 Chlorodifluoromethane	67	0.654	0.648	0.006	96	22865	50.0	46.5	
5 Chloromethane	50	0.734	0.728	0.006	99	201882	50.0	47.5	
7 Vinyl chloride	62	0.764	0.764	0.000	97	155070	50.0	48.3	
6 Butadiene	54	0.776	0.776	0.000	88	143756	50.0	48.5	
8 Bromomethane	94	0.904	0.898	0.006	99	113123	50.0	47.3	
9 Chloroethane	64	0.923	0.910	0.013	99	82649	50.0	47.6	
10 Dichlorofluoromethane	67	1.020	1.014	0.006	65	212578	50.0	46.4	
12 Pentane	72	1.026	1.014	0.012	94	39466	100.0	96.7	
11 Trichlorofluoromethane	101	1.044	1.038	0.006	99	184827	50.0	49.2	M
14 Ethanol	46	1.118	1.118	0.000	65	13765	2000.0	2366.0	
13 Ethyl ether	59	1.124	1.118	0.006	93	75654	50.0	48.5	
15 2-Methyl-1,3-butadiene	53	1.130	1.124	0.006	95	96733	50.0	48.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.130	0.006	85	119093	50.0	50.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.172	1.173	-0.001	87	178613	50.0	51.0	Ma
18 Acrolein	56	1.185	1.179	0.006	95	80398	400.0	442.1	
19 1,1-Dichloroethene	96	1.227	1.227	0.000	97	120761	50.0	51.8	
21 Acetone	43	1.264	1.252	0.012	88	127368	250.0	236.4	
20 112TCTFE	101	1.288	1.270	0.018	65	133847	50.0	50.0	a
22 Iodomethane	142	1.294	1.288	0.006	96	231456	50.0	50.5	
23 Carbon disulfide	76	1.331	1.325	0.006	99	441893	50.0	51.9	
24 Isopropyl alcohol	45	1.368	1.362	0.006	24	52180	500.0	361.6	a
25 3-Chloro-1-propene	39	1.410	1.410	0.000	93	131124	50.0	50.7	
26 Methyl acetate	43	1.429	1.429	0.000	98	136180	100.0	98.7	
27 Acetonitrile	39	1.453	1.447	0.006	27	76783	500.0	626.6	a
28 Methylene Chloride	84	1.483	1.471	0.012	87	134158	50.0	47.2	
* 29 TBA-d9 (IS)	65	1.544	1.538	0.006	0	267018	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.599	1.587	0.012	91	131218	500.0	510.8	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.618	1.618	0.000	96	336404	500.0	525.1	
32 trans-1,2-Dichloroethene	96	1.636	1.630	0.006	92	131338	50.0	49.1	
33 Methyl tert-butyl ether	73	1.654	1.648	0.006	96	311110	50.0	49.8	
34 Hexane	57	1.807	1.800	0.006	93	197765	50.0	58.8	
35 1,1-Dichloroethane	63	1.892	1.886	0.006	100	238913	50.0	55.9	
36 Vinyl acetate	86	1.941	1.935	0.006	100	45804	100.0	119.5	
37 2-Chloro-1,3-butadiene	88	1.947	1.947	0.000	68	129703	50.0	55.4	
38 Isopropyl ether	45	1.977	1.977	0.000	94	440874	50.0	53.1	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	90	157025	50.0	50.9	
* 40 2-Butanone-d5	46	2.288	2.276	0.012	0	273717	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.294	0.006	98	157301	50.0	48.8	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	71	63620	50.0	47.8	
43 2-Butanone (MEK)	72	2.331	2.325	0.006	99	66911	250.0	240.1	
44 Propionitrile	54	2.373	2.374	-0.001	97	152820	500.0	494.1	
45 Ethyl acetate	70	2.404	2.404	0.000	99	22743	100.0	100.8	
62 Methyl acrylate	55	2.416	2.410	0.006	99	121567	50.0	48.3	
46 Chlorobromomethane	128	2.483	2.477	0.006	93	74191	50.0	47.9	
47 Methacrylonitrile	67	2.489	2.483	0.006	91	463101	500.0	494.4	
48 Tetrahydrofuran	72	2.532	2.520	0.012	95	30620	100.0	101.8	
49 Chloroform	83	2.569	2.563	0.006	99	230139	50.0	50.5	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	97	137767	50.0	50.4	
51 1,1,1-Trichloroethane	97	2.709	2.703	0.006	99	195320	50.0	50.1	
52 Cyclohexane	84	2.745	2.752	-0.007	91	227435	50.0	50.9	
54 1,1-Dichloropropene	75	2.843	2.837	0.006	96	176150	50.0	51.0	
53 Carbon tetrachloride	117	2.849	2.843	0.006	82	162327	50.0	50.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.983	2.977	0.006	0	140045	50.0	53.5	
56 Benzene	78	3.026	3.020	0.006	95	544284	50.0	51.5	
57 1,2-Dichloroethane	62	3.050	3.050	0.000	96	141857	50.0	48.4	
58 Isobutyl alcohol	42	3.117	3.129	-0.012	76	66234	1250.0	1092.0	Ma
59 Tert-amyl methyl ether	73	3.196	3.184	0.012	94	426403	50.0	51.1	
73 Isopropyl acetate	43	3.203	3.203	0.000	98	423512	50.0	46.4	
* 60 Fluorobenzene	96	3.318	3.312	0.006	99	628727	50.0	50.0	
61 n-Heptane	43	3.367	3.367	0.000	93	233745	50.0	49.2	
63 Trichloroethene	95	3.709	3.709	0.000	99	134186	50.0	50.4	
65 Methylcyclohexane	83	3.916	3.910	0.006	94	258231	50.0	51.4	
64 n-Butanol	43	3.867	3.910	-0.043	88	15390	1250.0	808.9	a
66 Ethyl acrylate	55	3.928	3.928	0.000	93	336900	50.0	52.1	
67 1,2-Dichloropropane	63	3.946	3.940	0.006	94	135878	50.0	50.9	
68 Dibromomethane	93	4.080	4.081	-0.001	96	72413	50.0	47.7	
* 69 1,4-Dioxane-d8	96	4.123	4.105	0.018	0	24602	1000.0	1000.0	
70 1,4-Dioxane	88	4.184	4.172	0.012	77	24968	1000.0	983.7	M
71 Methyl methacrylate	100	4.215	4.215	0.000	98	55417	100.0	101.9	
72 Dichlorobromomethane	83	4.318	4.318	0.000	100	157349	50.0	50.5	
81 n-Propyl acetate	43	4.330	4.330	0.000	93	138679	50.0	50.1	
74 2-Nitropropane	41	4.629	4.629	0.000	99	43800	100.0	83.7	
75 2-Chloroethyl vinyl ether	63	4.800	4.812	-0.012	94	35916	50.1	43.2	
76 Epichlorohydrin	57	4.830	4.830	0.000	99	204672	1000.0	1093.5	
77 cis-1,3-Dichloropropene	75	4.928	4.928	0.000	92	195758	50.0	52.6	
78 4-Methyl-2-pentanone (MIBK)	43	5.220	5.227	-0.007	96	536194	250.0	274.1	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.275	0.006	99	546457	50.0	52.1	
80 Toluene	91	5.373	5.373	0.000	93	554399	50.0	51.8	
82 trans-1,3-Dichloropropene	75	5.794	5.800	-0.006	98	156253	50.0	52.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.050	6.050	0.000	96	86287	50.0	49.3	
84 Ethyl methacrylate	69	6.074	6.068	0.006	76	132579	50.0	49.8	a
85 Tetrachloroethene	166	6.202	6.202	0.000	98	133055	50.0	51.2	
86 1,3-Dichloropropane	76	6.293	6.294	-0.001	94	170244	50.0	49.9	
87 2-Hexanone	43	6.580	6.580	0.000	96	347918	250.0	261.9	
88 Chlorodibromomethane	129	6.647	6.647	0.000	98	107696	50.0	49.9	
89 Ethylene Dibromide	107	6.751	6.751	0.000	98	100064	50.0	49.9	
90 n-Butyl acetate	43	6.915	6.921	-0.006	99	151702	50.0	50.1	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	84	425745	50.0	50.0	
92 Chlorobenzene	112	7.683	7.683	0.000	96	338391	50.0	50.0	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.897	0.006	98	116311	50.0	49.6	
94 Ethylbenzene	106	7.982	7.982	0.000	98	190976	50.0	52.3	
95 m-Xylene & p-Xylene	106	8.232	8.232	0.000	99	229983	50.0	53.5	
96 o-Xylene	106	8.964	8.964	0.000	94	227072	50.0	53.9	
97 Styrene	104	9.012	9.012	0.000	97	377844	50.0	54.3	
98 n-Butyl acrylate	73	9.207	9.208	-0.001	97	77663	50.0	53.5	
99 Bromoform	173	9.250	9.256	-0.006	96	69156	50.0	50.0	
101 Amyl acetate (mixed isomers)	43	9.695	9.695	0.000	91	186969	50.0	52.5	
102 Isopropylbenzene	105	9.713	9.714	-0.001	96	612861	50.0	53.6	
$ 103 4-Bromofluorobenzene	174	9.921	9.921	0.000	91	159696	50.0	51.4	
104 Bromobenzene	156	10.098	10.098	0.000	98	141903	50.0	48.3	
105 1,2,3-Trichloropropane	110	10.317	10.323	-0.006	98	35750	50.0	49.5	
106 1,1,2,2-Tetrachloroethane	83	10.335	10.341	-0.006	97	144943	50.0	48.8	
107 trans-1,4-Dichloro-2-butene	53	10.439	10.439	0.000	88	40149	50.0	51.7	
108 N-Propylbenzene	120	10.463	10.470	-0.007	99	171364	50.0	53.5	
109 2-Chlorotoluene	126	10.506	10.506	0.000	97	147716	50.0	52.1	
110 4-Ethyltoluene	105	10.689	10.689	0.000	98	594270	50.0	54.3	
111 4-Chlorotoluene	91	10.719	10.719	0.000	98	502000	50.0	52.3	
112 1,3,5-Trimethylbenzene	105	10.823	10.829	-0.006	94	511192	50.0	53.8	
100 Butyl Methacrylate	87	11.207	11.207	0.000	99	154640	50.0	55.6	
113 tert-Butylbenzene	119	11.353	11.353	0.000	95	417185	50.0	53.7	
114 1,2,4-Trimethylbenzene	105	11.439	11.439	0.000	97	529619	50.0	53.4	
115 sec-Butylbenzene	105	11.744	11.744	0.000	99	703137	50.0	53.8	
116 1,3-Dichlorobenzene	146	11.805	11.805	0.000	96	292164	50.0	50.4	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	95	236289	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.994	11.994	0.000	95	290161	50.0	48.3	
119 4-Isopropyltoluene	119	12.073	12.073	0.000	98	587673	50.0	53.5	
120 1,2,3-Trimethylbenzene	105	12.170	12.170	0.000	98	562479	50.0	53.3	
121 Benzyl chloride	126	12.329	12.323	0.006	99	53236	50.0	50.8	
122 2,3-Dihydroindene	117	12.500	12.500	0.000	95	529236	50.0	52.7	
123 1,2-Dichlorobenzene	146	12.689	12.689	0.000	96	281410	50.0	50.4	
124 p-Diethylbenzene	119	12.823	12.823	0.000	92	310887	50.0	55.1	a
125 n-Butylbenzene	92	12.847	12.847	0.000	98	347945	50.0	50.0	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	97	28550	50.0	47.7	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	97	548648	50.0	54.1	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	232451	50.0	49.3	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	203285	50.0	48.2	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	90	103349	50.0	49.8	
131 Naphthalene	128	14.383	14.383	0.000	100	526477	50.0	48.2	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	200179	50.0	48.0	
S 133 1,2-Dichloroethene, Total	100				0		100.0	97.9	
S 134 1,3-Dichloropropene, Total	100				0		100.0	104.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		100.0	107.5	
S 136 Total BTEX	1				0		250.0	263.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00154	Amount Added:	5.00	Units: uL	
524freon_00052	Amount Added:	5.00	Units: uL	
GASES Li_00476	Amount Added:	5.00	Units: uL	
ACROLEIN W_00140	Amount Added:	4.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

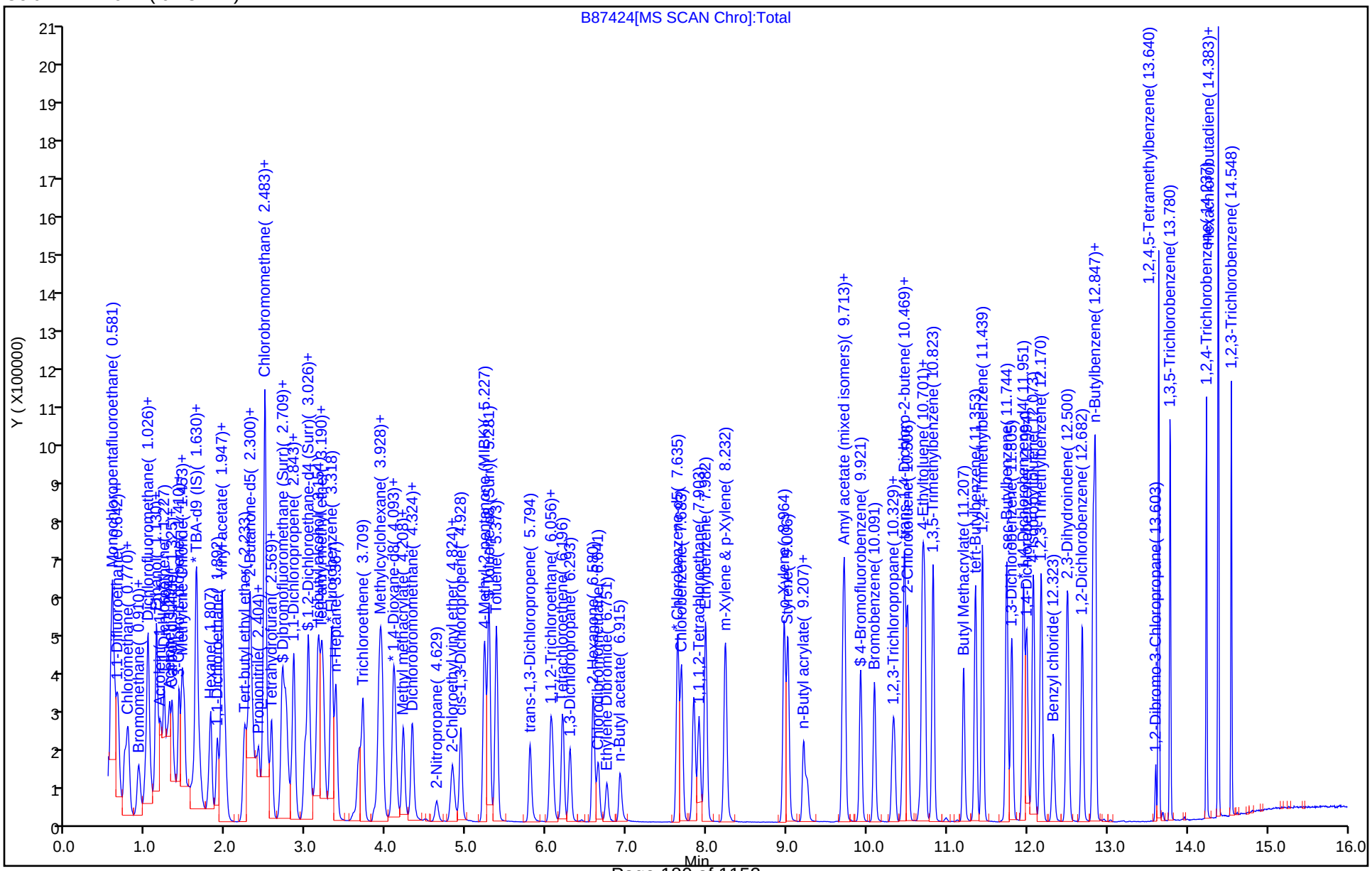
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Eurofins Edison

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Injection Date:	18-May-2022 13:54:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

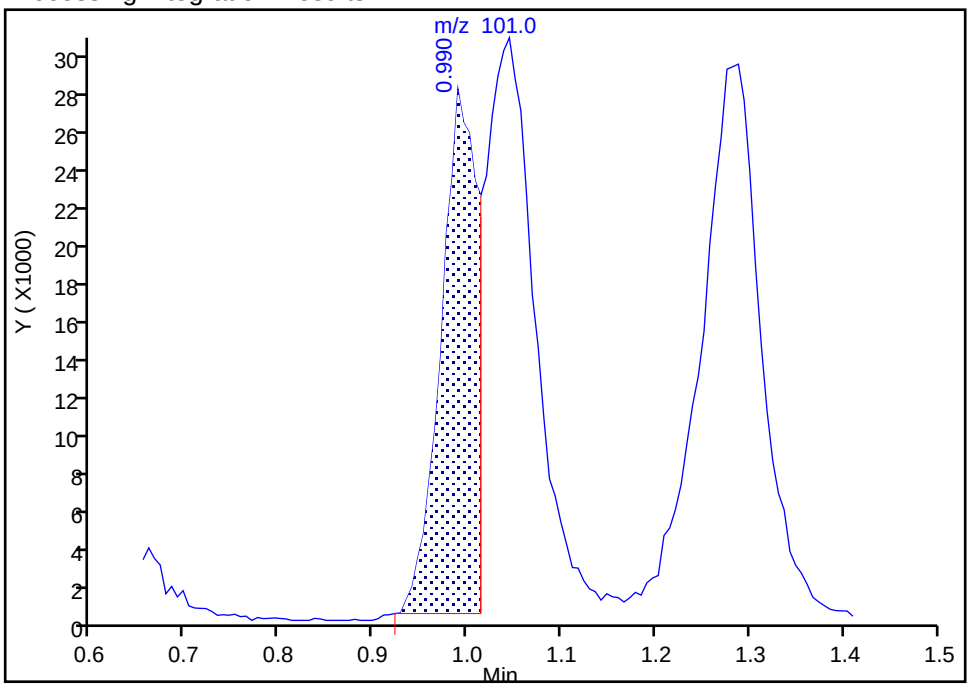
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Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

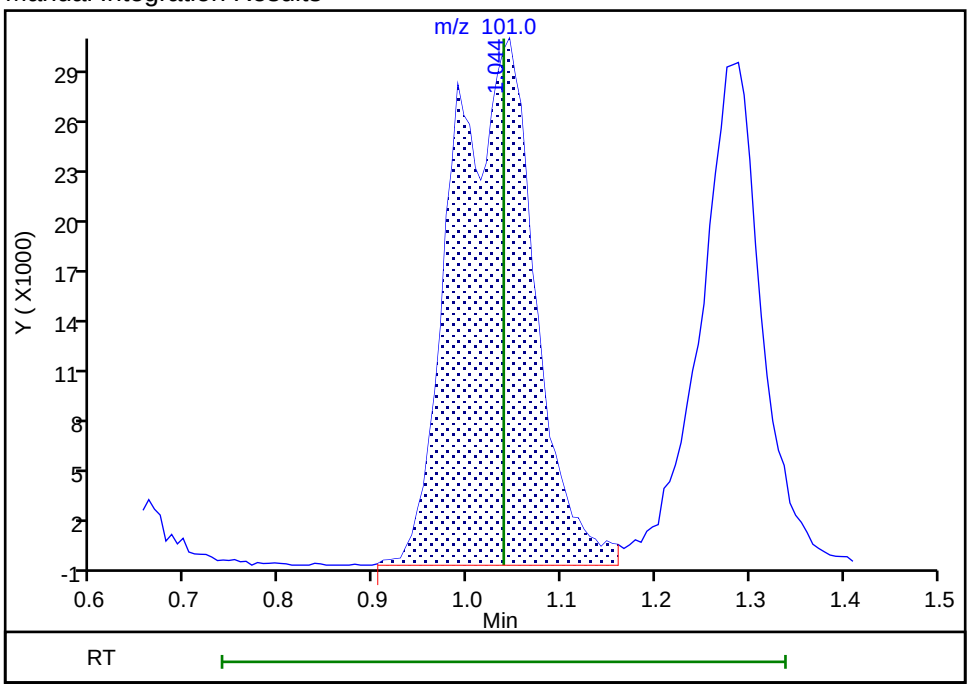
Processing Integration Results

RT: 0.99
Area: 74581
Amount: 0.011664
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 184827
Amount: 49.181249
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:32:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

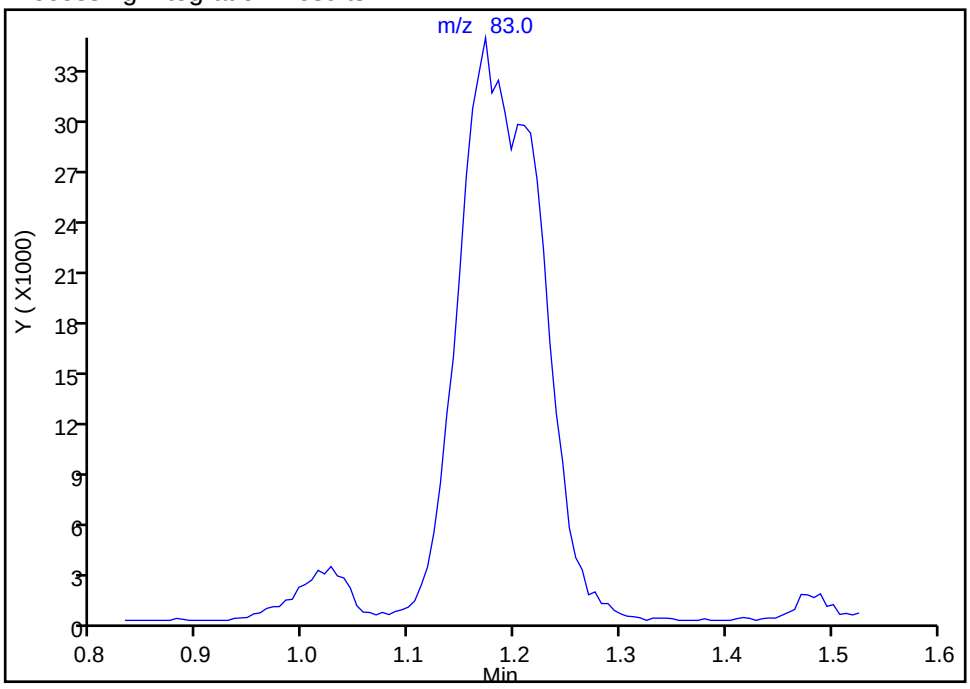
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Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

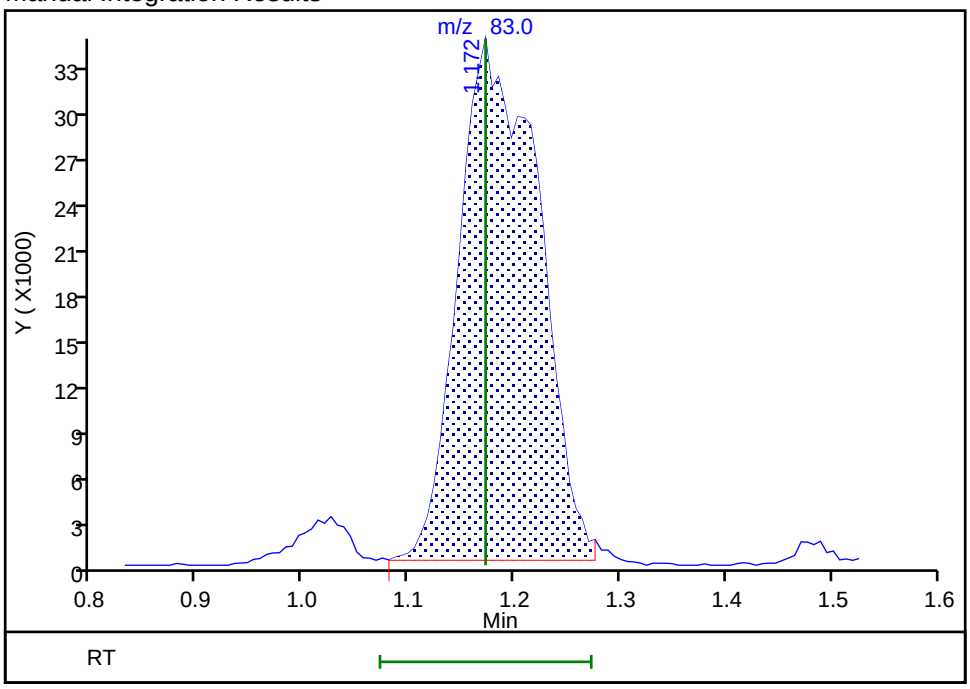
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 178613
Amount: 50.970245
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:33:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

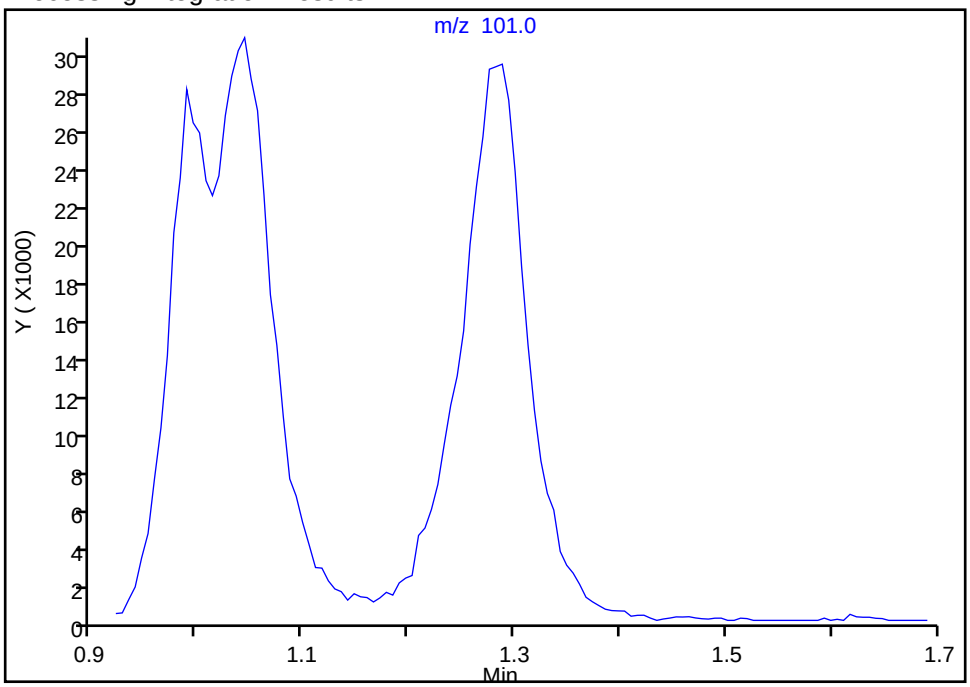
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Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

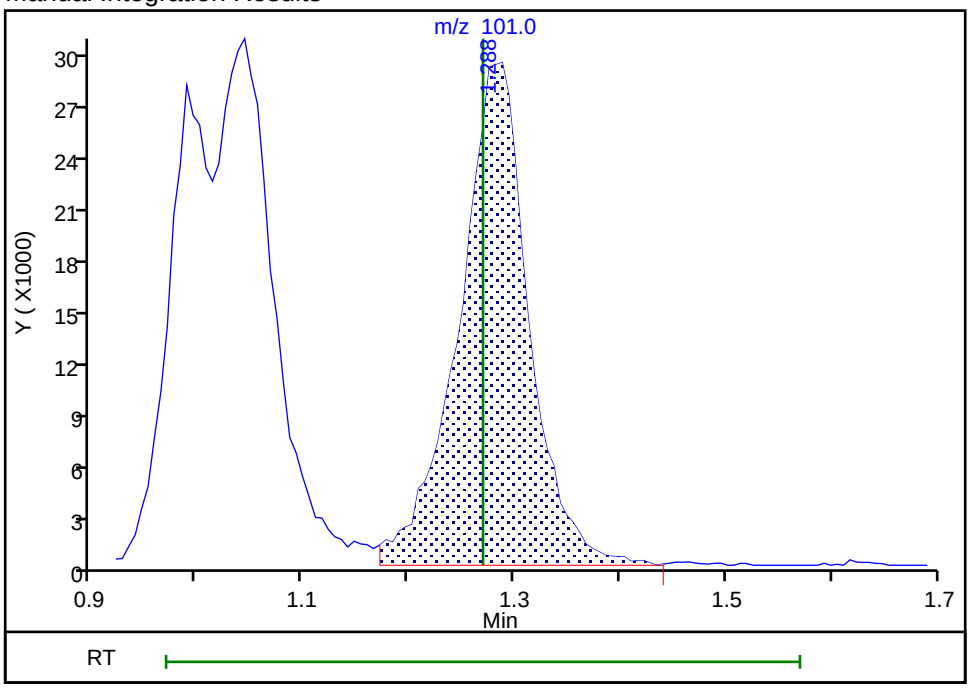
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.29
Area: 133847
Amount: 49.963987
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:33:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

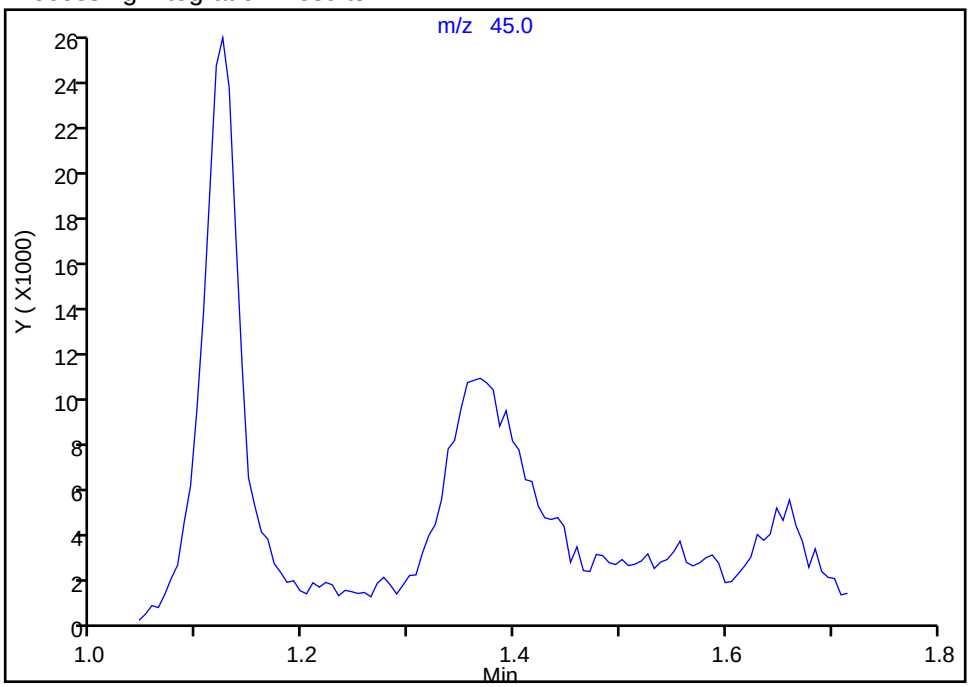
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Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

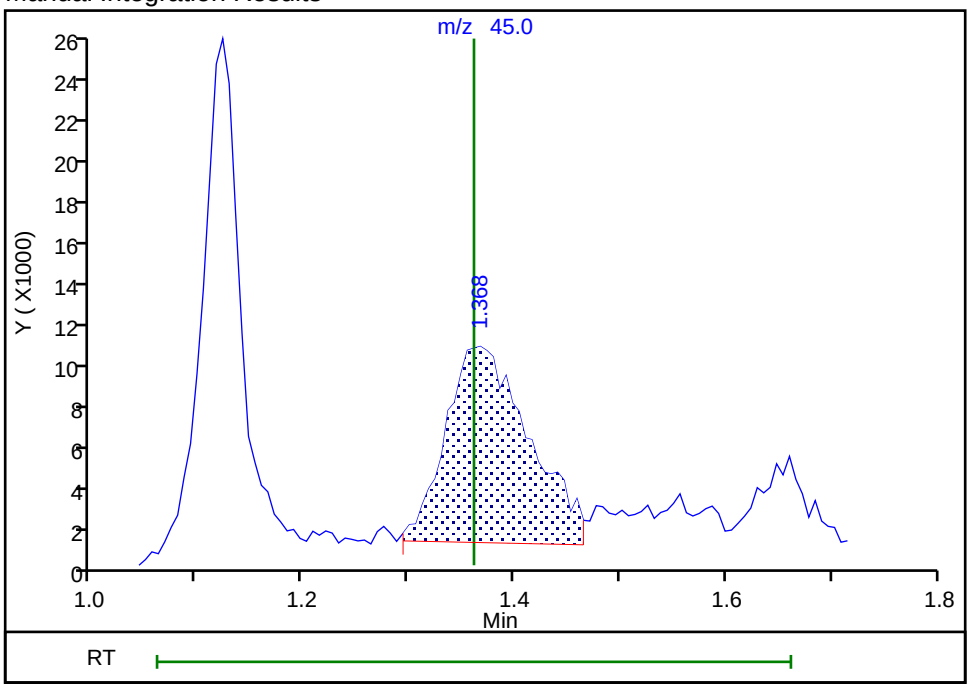
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.37
Area: 52180
Amount: 361.6398
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:33:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

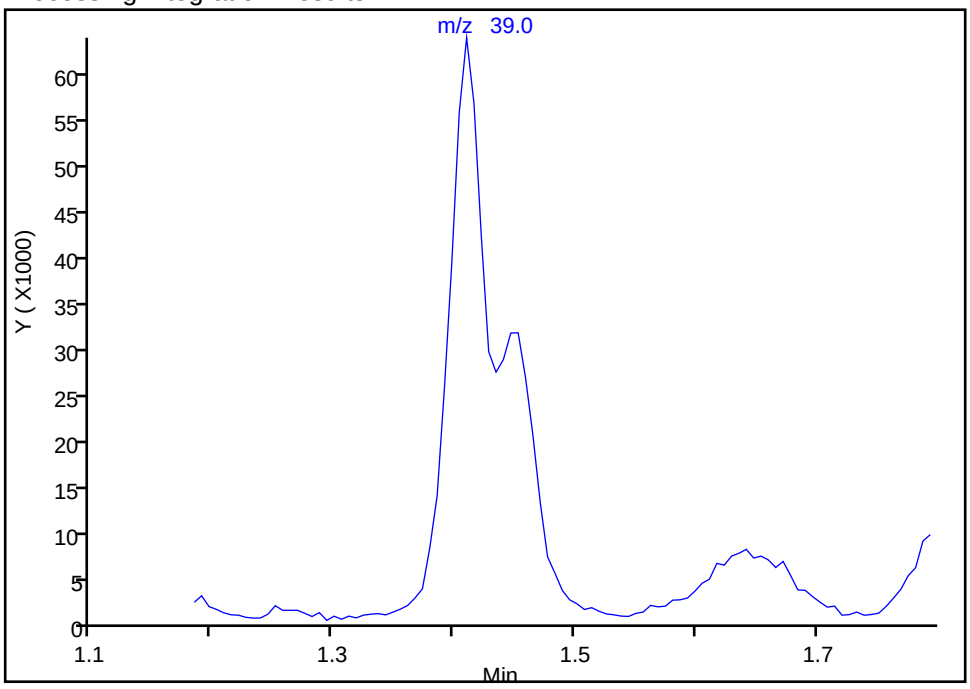
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Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

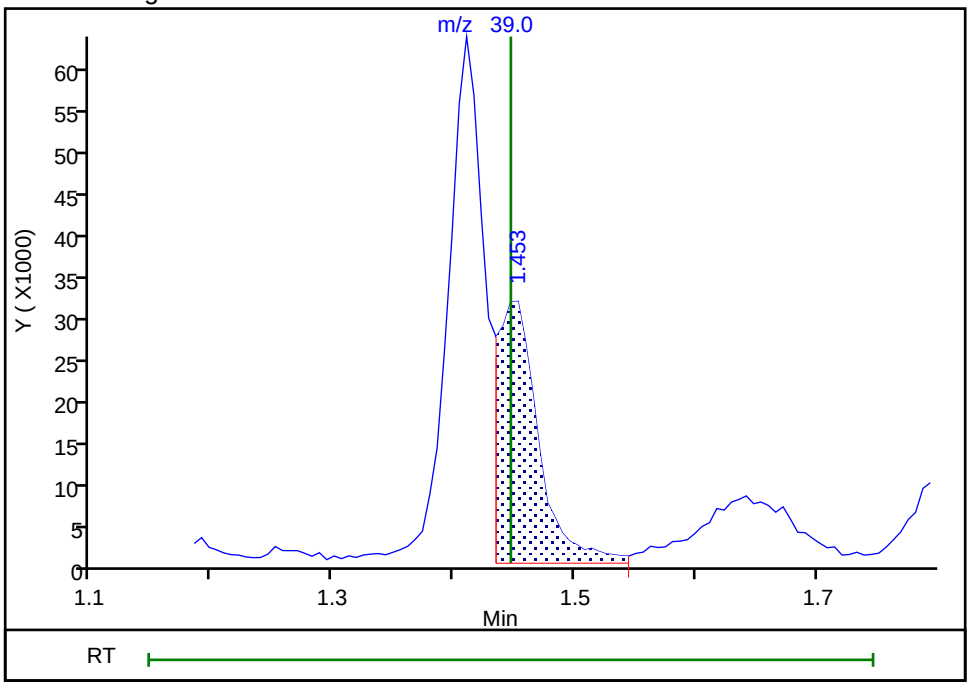
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 76783
Amount: 626.5634
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:33:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

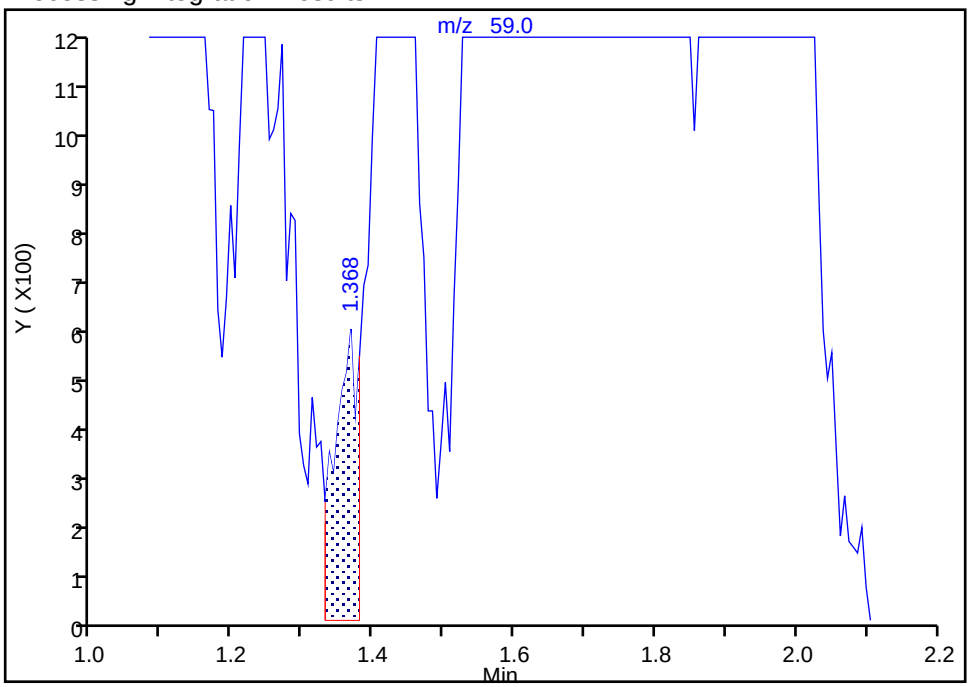
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Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

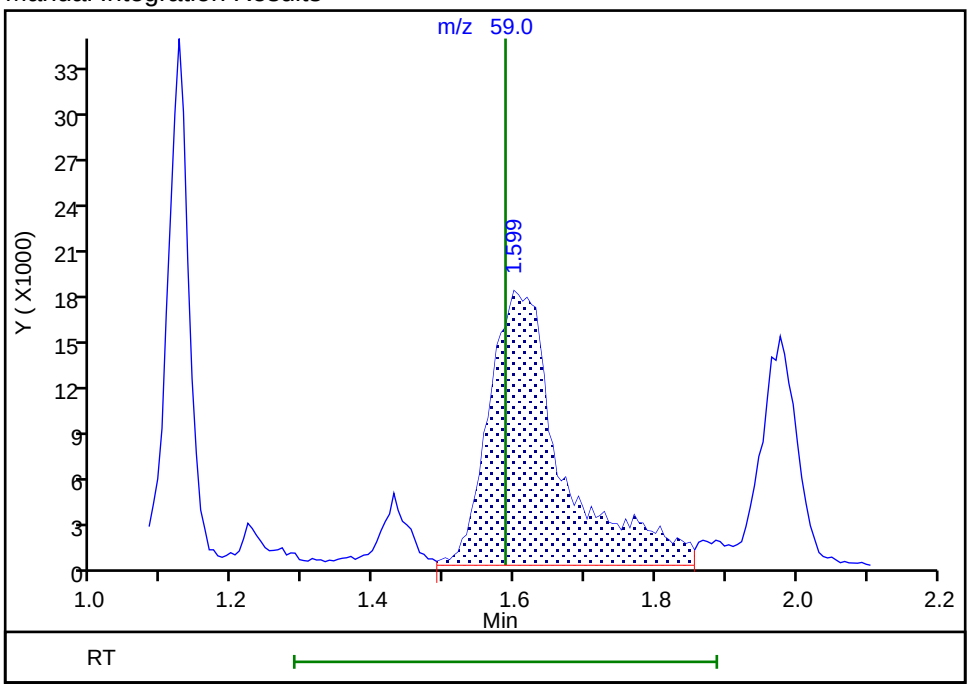
Processing Integration Results

RT: 1.37
Area: 1354
Amount: 8.658634
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 131218
Amount: 510.8332
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:34:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

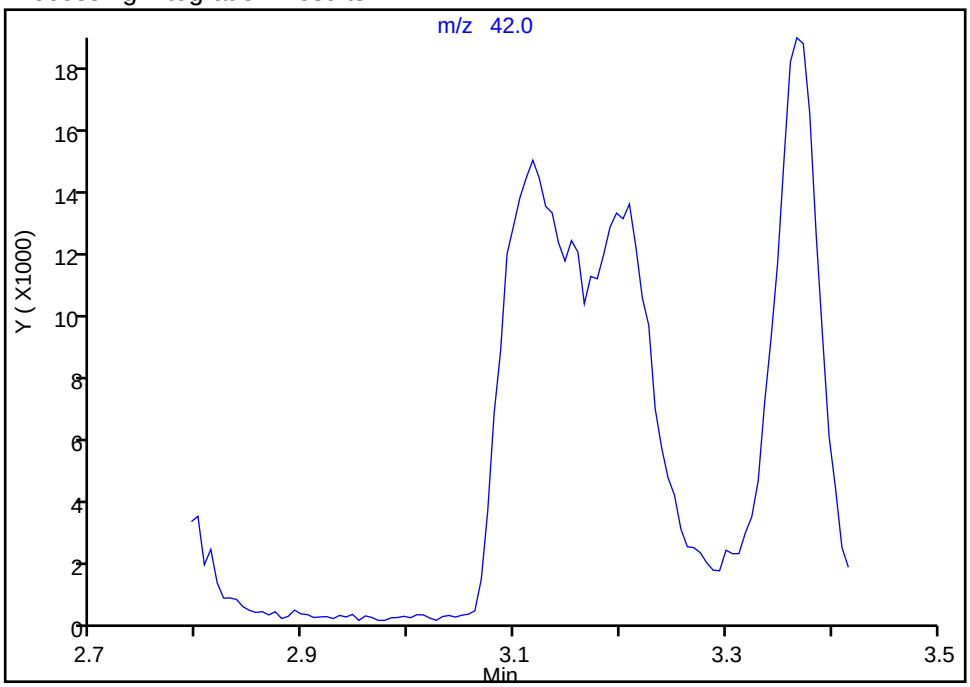
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Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

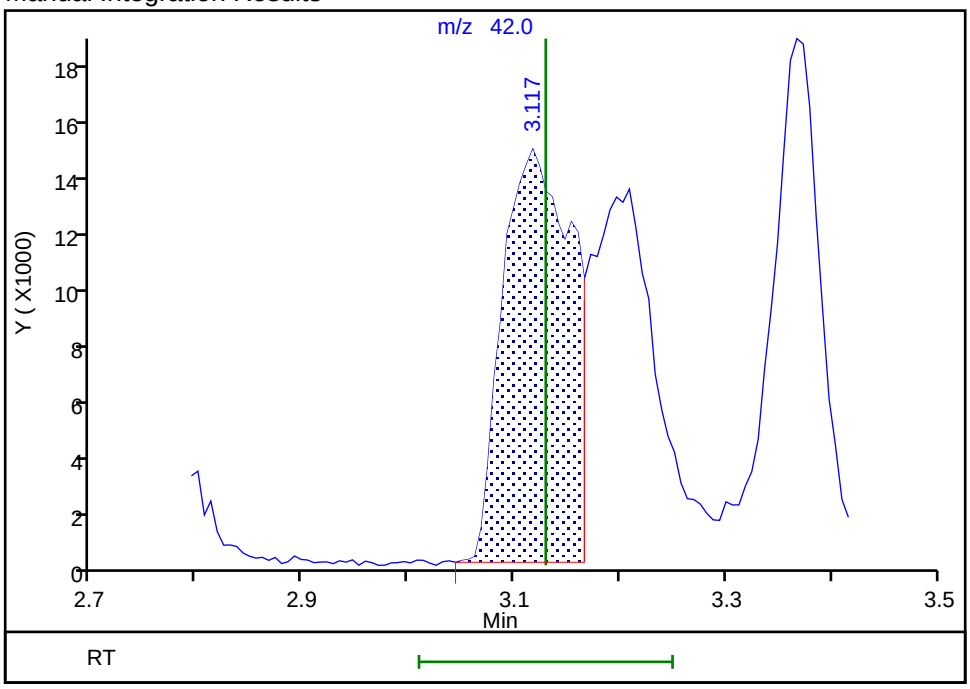
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.12
Area: 66234
Amount: 1091.9658
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:34:42
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

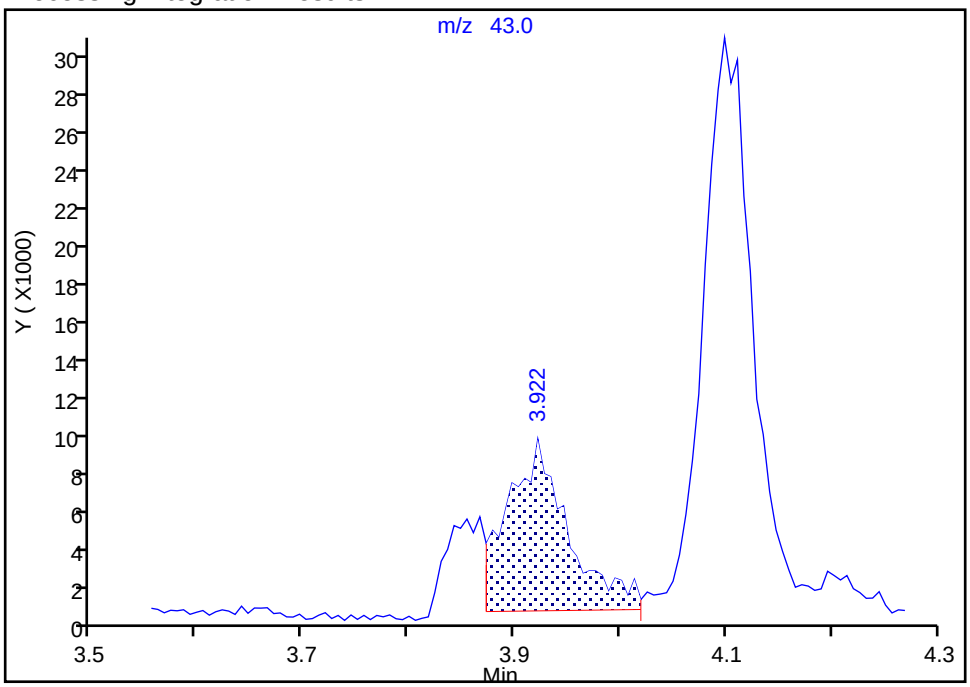
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87424.D
Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

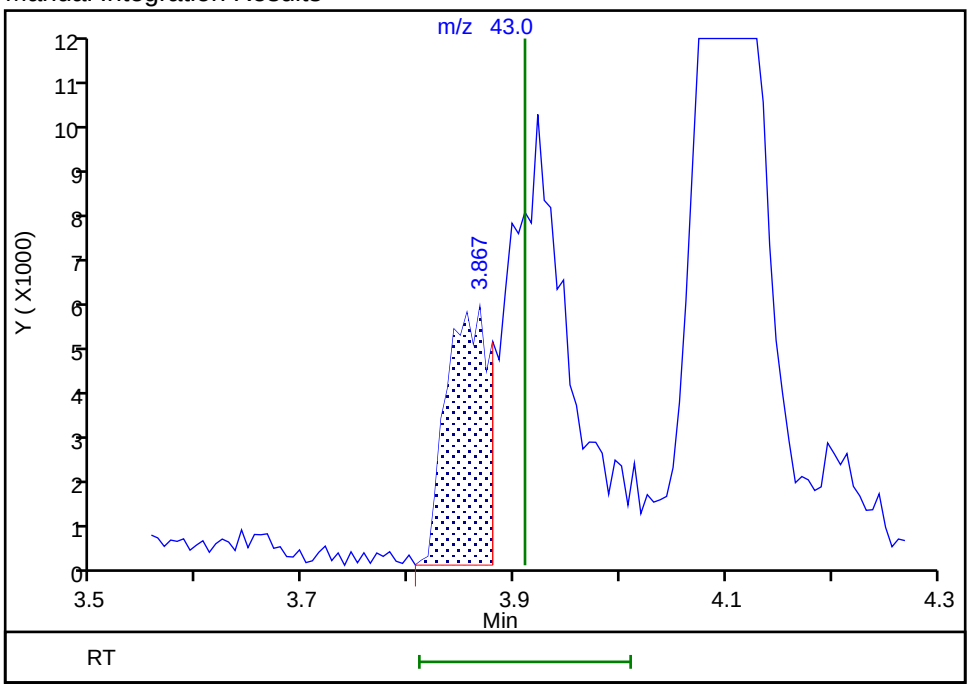
Processing Integration Results

RT: 3.92
Area: 35853
Amount: 1467.6572
Amount Units: ug/l



Manual Integration Results

RT: 3.87
Area: 15390
Amount: 808.9134
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:35:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

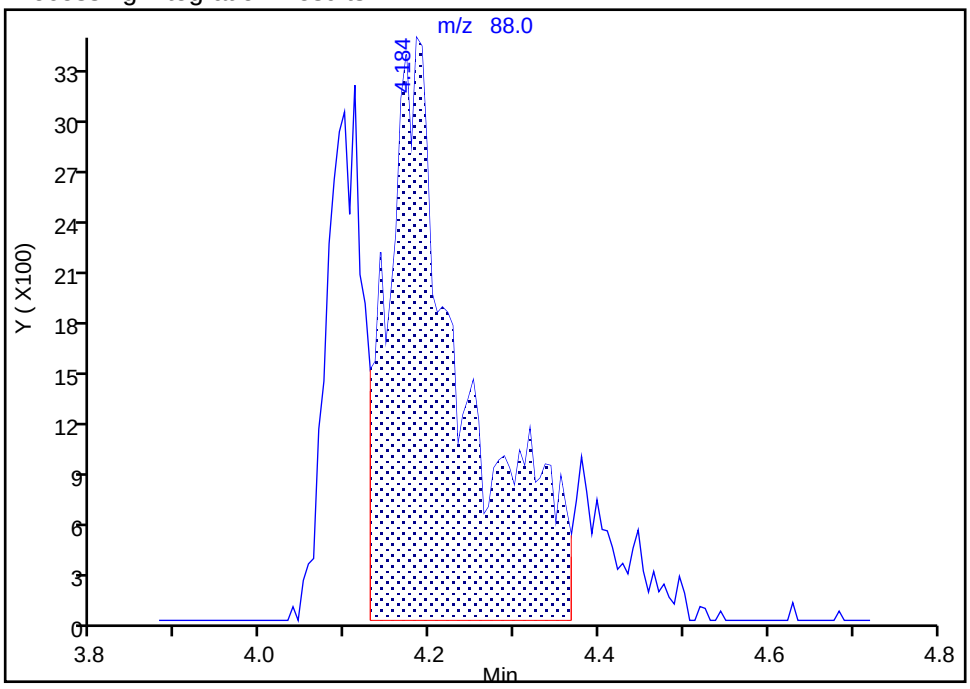
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87424.D
Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

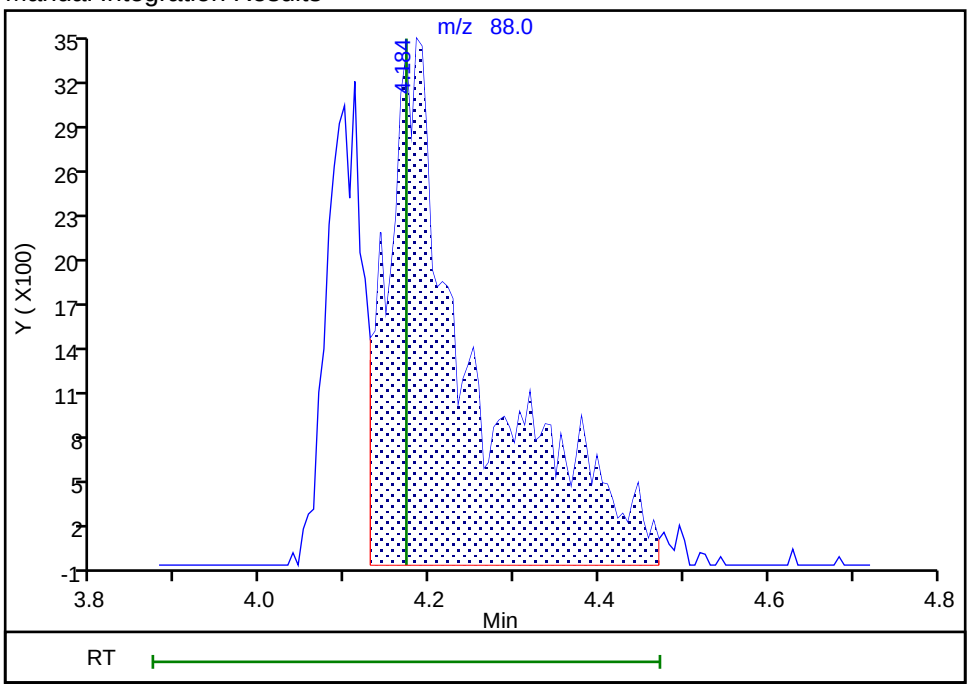
Processing Integration Results

RT: 4.18
Area: 22028
Amount: 888.4942
Amount Units: ug/l



Manual Integration Results

RT: 4.18
Area: 24968
Amount: 983.7471
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:35:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

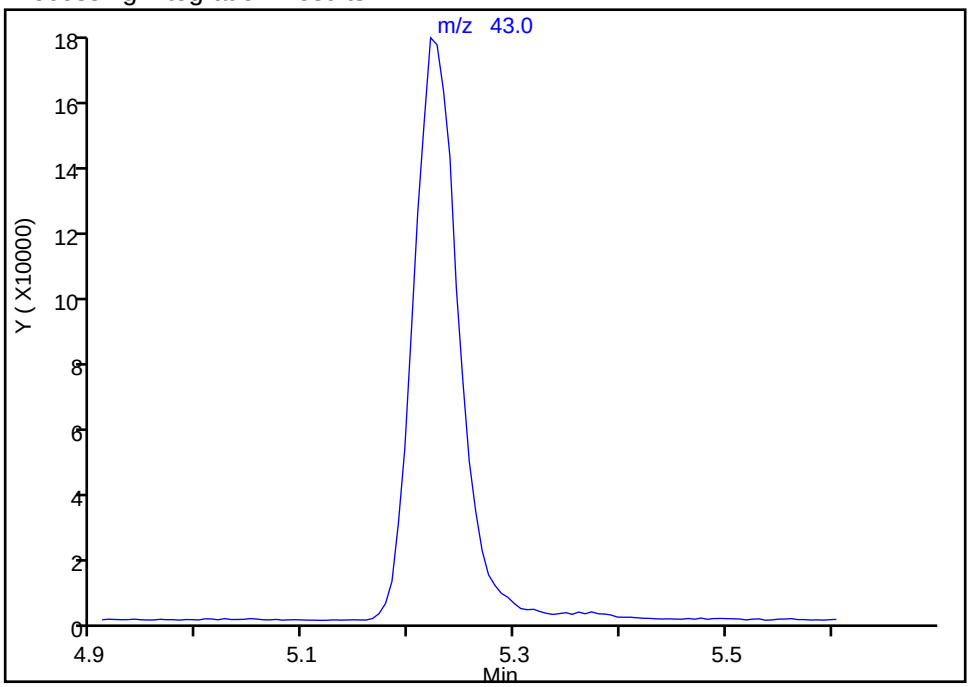
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87424.D
Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

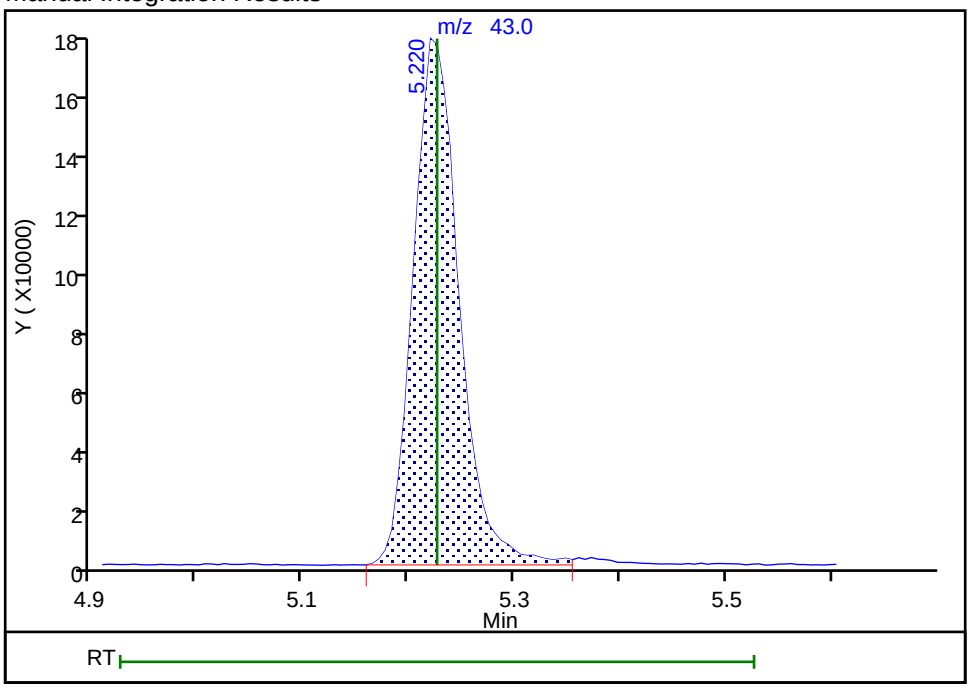
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.22
Area: 536194
Amount: 274.1143
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:38:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

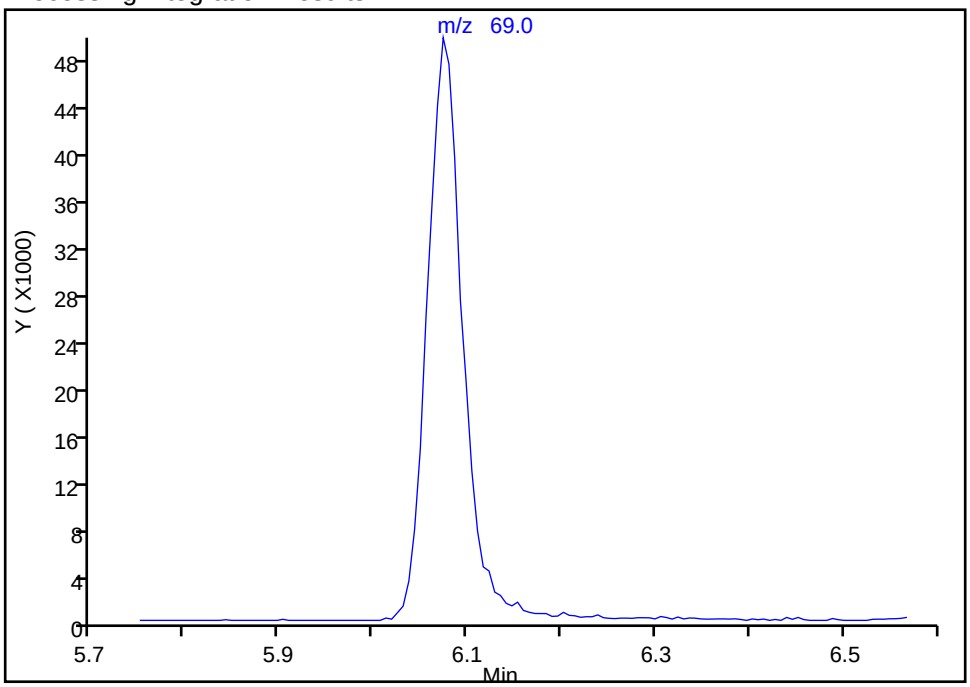
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87424.D
Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

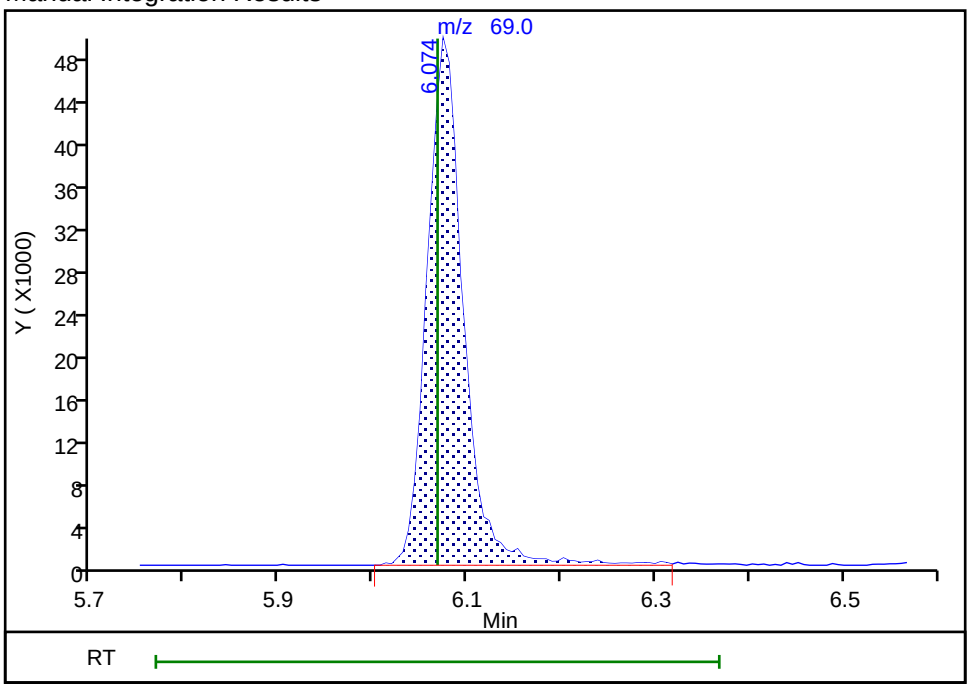
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.07
Area: 132579
Amount: 49.836996
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:38:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

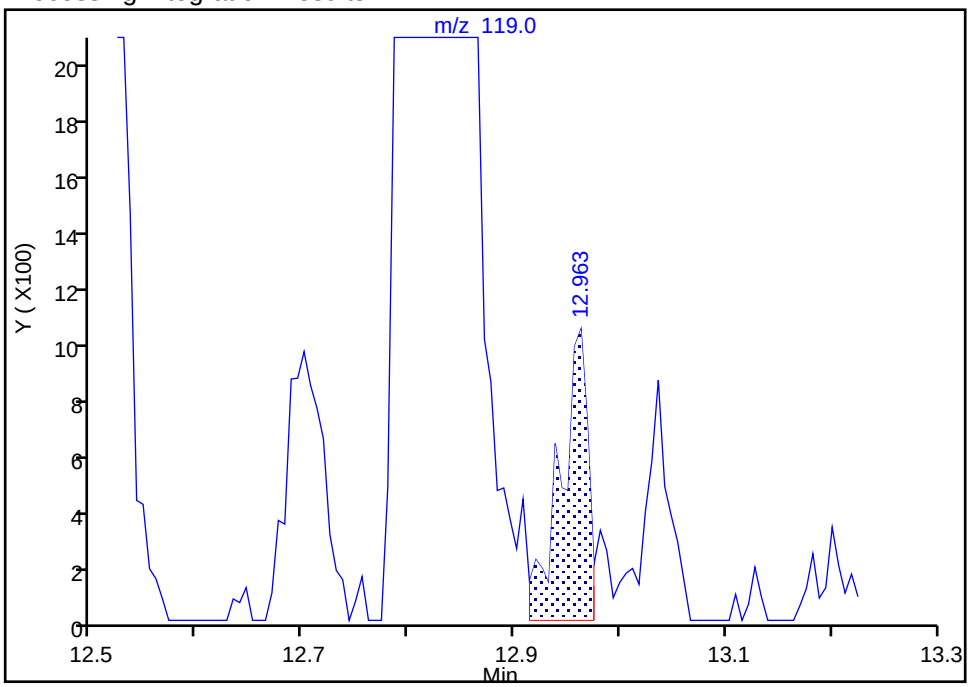
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87424.D
Injection Date: 18-May-2022 13:54:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

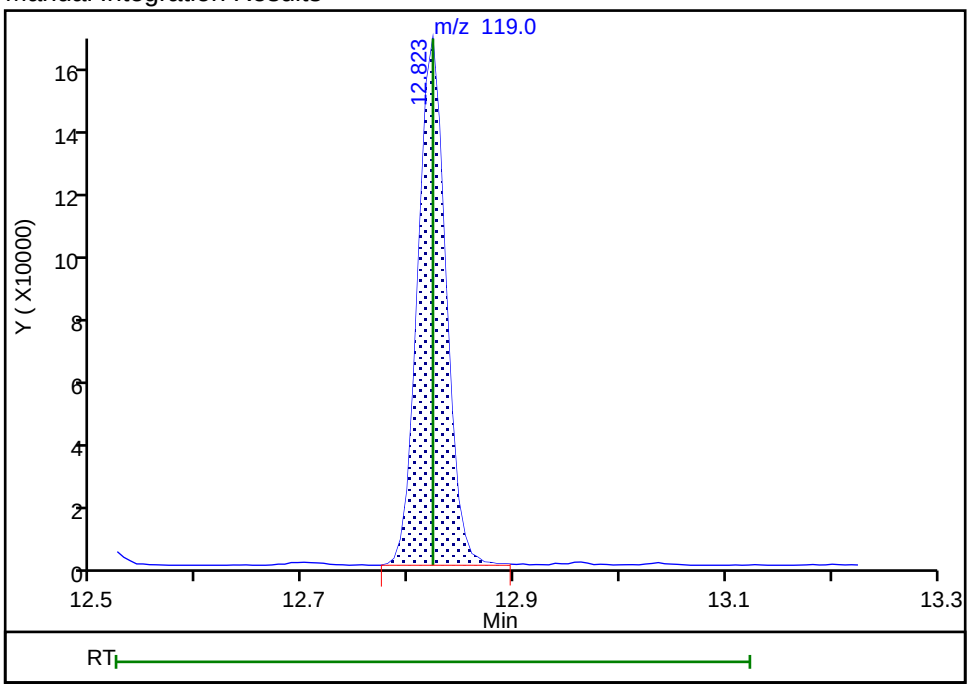
Processing Integration Results

RT: 12.96
Area: 1871
Amount: 0.762809
Amount Units: ug/l



Manual Integration Results

RT: 12.82
Area: 310887
Amount: 55.110385
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:38:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-May-2022 14:16:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0145428-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-May-2022 18:29:32 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: delpolitov Date: 18-May-2022 17:41:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.593	0.581	0.012	69	18002	200.0	114.8	a
2 1,1-Difluoroethane	51	0.642	0.642	0.000	93	899479	200.0	185.6	M
3 Dichlorodifluoromethane	85	0.648	0.642	0.006	98	755044	200.0	191.2	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	97	90654	200.0	174.9	
5 Chloromethane	50	0.727	0.728	-0.001	99	900210	200.0	200.9	
7 Vinyl chloride	62	0.764	0.764	0.000	98	688644	200.0	203.5	
6 Butadiene	54	0.770	0.776	-0.006	90	642203	200.0	205.4	
8 Bromomethane	94	0.898	0.898	0.000	99	498752	200.0	197.9	
9 Chloroethane	64	0.916	0.910	0.006	99	364428	200.0	199.0	
10 Dichlorofluoromethane	67	1.014	1.014	0.000	76	914576	200.0	189.4	
12 Pentane	72	1.020	1.014	0.006	95	162721	400.0	378.0	
11 Trichlorofluoromethane	101	1.038	1.038	0.000	99	776156	200.0	195.8	M
14 Ethanol	46	1.118	1.118	0.000	65	56191	8000.0	8121.6	
13 Ethyl ether	59	1.118	1.118	0.000	94	318025	200.0	193.2	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	95	425302	200.0	202.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.130	0.006	79	493938	200.0	196.8	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.172	1.173	-0.001	94	738445	200.0	199.8	Ma
18 Acrolein	56	1.178	1.179	-0.001	91	100552	500.0	464.9	
19 1,1-Dichloroethene	96	1.221	1.227	-0.006	97	475848	200.0	193.4	
21 Acetone	43	1.252	1.252	0.000	87	781936	1000.0	1215.1	
20 112TCTFE	101	1.276	1.270	0.006	95	552646	200.0	195.6	a
22 Iodomethane	142	1.288	1.288	0.000	97	931940	200.0	192.9	
23 Carbon disulfide	76	1.319	1.325	-0.006	98	1800980	200.0	200.6	
24 Isopropyl alcohol	45	1.361	1.362	-0.001	96	345534	2000.0	2013.7	
25 3-Chloro-1-propene	39	1.404	1.410	-0.006	92	541796	200.0	198.6	
26 Methyl acetate	43	1.422	1.429	-0.007	98	614081	400.0	422.0	
27 Acetonitrile	39	1.447	1.447	0.000	48	273309	2000.0	1875.4	a
28 Methylene Chloride	84	1.471	1.471	0.000	87	548367	200.0	183.1	
* 29 TBA-d9 (IS)	65	1.532	1.538	-0.006	0	317548	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.593	1.587	0.006	34	604459	2000.0	1978.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.611	1.618	-0.007	95	1426122	2000.0	1871.8	
32 trans-1,2-Dichloroethene	96	1.624	1.630	-0.006	92	530306	200.0	188.1	
33 Methyl tert-butyl ether	73	1.654	1.648	0.006	96	1312796	200.0	199.2	
34 Hexane	57	1.800	1.800	0.000	92	698241	200.0	196.9	
35 1,1-Dichloroethane	63	1.880	1.886	-0.006	100	845467	200.0	187.7	
36 Vinyl acetate	86	1.941	1.935	0.006	100	129077	400.0	282.0	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	89	531413	200.0	215.1	
38 Isopropyl ether	45	1.965	1.977	-0.012	93	1776281	200.0	202.8	
39 Tert-butyl ethyl ether	87	2.233	2.227	0.006	89	672290	200.0	206.5	
* 40 2-Butanone-d5	46	2.282	2.276	0.006	0	326930	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	99	668360	200.0	196.4	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	91	262095	200.0	186.8	
43 2-Butanone (MEK)	72	2.325	2.325	0.000	98	342920	1000.0	1030.2	
44 Propionitrile	54	2.367	2.374	-0.007	97	731344	2000.0	1979.7	
45 Ethyl acetate	70	2.398	2.404	-0.006	100	99132	400.0	367.7	
62 Methyl acrylate	55	2.404	2.410	-0.006	98	534362	200.0	201.4	
46 Chlorobromomethane	128	2.477	2.477	0.000	92	319497	200.0	195.7	
47 Methacrylonitrile	67	2.483	2.483	0.000	91	2043616	2000.0	2068.5	
48 Tetrahydrofuran	72	2.520	2.520	0.000	92	147214	400.0	410.0	
49 Chloroform	83	2.562	2.563	-0.001	99	963542	200.0	200.5	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.691	-0.001	97	148118	50.0	51.4	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	99	826204	200.0	201.0	
52 Cyclohexane	84	2.745	2.752	-0.007	91	999305	200.0	212.2	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	97	746710	200.0	205.1	
53 Carbon tetrachloride	117	2.843	2.843	0.000	97	695102	200.0	203.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	139902	50.0	50.7	M
56 Benzene	78	3.020	3.020	0.000	95	2300205	200.0	194.2	
57 1,2-Dichloroethane	62	3.044	3.050	-0.006	96	603090	200.0	195.2	
58 Isobutyl alcohol	42	3.099	3.129	-0.030	91	400736	5000.0	5071.2	Ma
59 Tert-amyl methyl ether	73	3.196	3.184	0.012	87	1954463	200.0	222.0	
73 Isopropyl acetate	43	3.202	3.203	-0.001	94	2365029	200.0	245.5	
* 60 Fluorobenzene	96	3.312	3.312	0.000	98	663092	50.0	50.0	
61 n-Heptane	43	3.367	3.367	0.000	93	1026878	200.0	205.1	
63 Trichloroethene	95	3.702	3.709	-0.007	99	591029	200.0	210.6	
65 Methylcyclohexane	83	3.916	3.910	0.006	92	1185485	200.0	223.9	
64 n-Butanol	43	3.824	3.910	-0.086	88	142003	5000.0	5087.1	
66 Ethyl acrylate	55	3.928	3.928	0.000	98	1544030	200.0	226.6	
67 1,2-Dichloropropane	63	3.946	3.940	0.006	93	583215	200.0	207.1	
68 Dibromomethane	93	4.074	4.081	-0.007	98	320691	200.0	200.5	
* 69 1,4-Dioxane-d8	96	4.111	4.105	0.006	0	27190	1000.0	1000.0	
70 1,4-Dioxane	88	4.160	4.172	-0.012	86	123296	4000.0	4395.5	
71 Methyl methacrylate	100	4.208	4.215	-0.007	98	258888	400.0	451.3	
72 Dichlorobromomethane	83	4.318	4.318	0.000	100	683689	200.0	208.2	
81 n-Propyl acetate	43	4.324	4.330	-0.006	99	675801	200.0	231.4	
74 2-Nitropropane	41	4.629	4.629	0.000	97	206008	400.0	373.3	
75 2-Chloroethyl vinyl ether	63	4.800	4.812	-0.012	94	185617	200.5	203.7	
76 Epichlorohydrin	57	4.824	4.830	-0.006	99	1006696	4000.0	4502.9	
77 cis-1,3-Dichloropropene	75	4.928	4.928	0.000	93	874000	200.0	209.8	
78 4-Methyl-2-pentanone (MIBK)	43	5.220	5.227	-0.007	96	2528025	1000.0	1082.0	
$ 79 Toluene-d8 (Surr)	98	5.281	5.275	0.006	100	603558	50.0	51.4	
80 Toluene	91	5.373	5.373	0.000	94	2426817	200.0	202.5	
82 trans-1,3-Dichloropropene	75	5.793	5.800	-0.007	98	735370	200.0	218.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.049	6.050	-0.001	97	392114	200.0	200.0	
84 Ethyl methacrylate	69	6.074	6.068	0.006	89	673951	200.0	218.4	a
85 Tetrachloroethene	166	6.202	6.202	0.000	98	588694	200.0	202.1	
86 1,3-Dichloropropane	76	6.293	6.294	-0.001	94	772341	200.0	202.1	
87 2-Hexanone	43	6.580	6.580	0.000	96	1873173	1000.0	1090.2	
88 Chlorodibromomethane	129	6.647	6.647	0.000	98	504281	200.0	208.8	
89 Ethylene Dibromide	107	6.751	6.751	0.000	98	458190	200.0	204.1	
90 n-Butyl acetate	43	6.915	6.921	-0.006	99	767928	200.0	226.5	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	85	476823	50.0	50.0	
92 Chlorobenzene	112	7.683	7.683	0.000	95	1500824	200.0	198.0	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.897	0.006	98	540890	200.0	206.0	
94 Ethylbenzene	106	7.988	7.982	0.006	98	893181	200.0	218.2	
95 m-Xylene & p-Xylene	106	8.232	8.232	0.000	100	1080136	200.0	224.5	
96 o-Xylene	106	8.970	8.964	0.006	95	1061954	200.0	225.2	
97 Styrene	104	9.012	9.012	0.000	96	1765660	200.0	206.9	
98 n-Butyl acrylate	73	9.201	9.208	-0.007	98	398746	200.0	214.6	
99 Bromoform	173	9.250	9.256	-0.006	96	341789	200.0	220.6	
101 Amyl acetate (mixed isomers)	43	9.689	9.695	-0.006	90	968424	200.0	209.6	
102 Isopropylbenzene	105	9.720	9.714	0.006	96	2908515	200.0	227.3	
$ 103 4-Bromofluorobenzene	174	9.921	9.921	0.000	90	181640	50.0	49.9	
104 Bromobenzene	156	10.097	10.098	-0.001	99	651879	200.0	189.2	
105 1,2,3-Trichloropropane	110	10.317	10.323	-0.006	99	170520	200.0	201.1	
106 1,1,2,2-Tetrachloroethane	83	10.341	10.341	0.000	100	678455	200.0	194.7	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.439	0.006	93	200777	200.0	220.3	
108 N-Propylbenzene	120	10.475	10.470	0.005	99	818520	200.0	217.7	
109 2-Chlorotoluene	126	10.512	10.506	0.006	96	694976	200.0	208.8	
110 4-Ethyltoluene	105	10.695	10.689	0.006	98	2778341	200.0	216.2	
111 4-Chlorotoluene	91	10.719	10.719	0.000	98	2355074	200.0	208.9	
112 1,3,5-Trimethylbenzene	105	10.829	10.829	0.000	93	2482575	200.0	222.8	
100 Butyl Methacrylate	87	11.207	11.207	0.000	99	784965	200.0	212.3	
113 tert-Butylbenzene	119	11.359	11.353	0.006	95	2028378	200.0	222.7	
114 1,2,4-Trimethylbenzene	105	11.445	11.439	0.006	97	2548028	200.0	219.2	
115 sec-Butylbenzene	105	11.750	11.744	0.006	99	3466092	200.0	226.0	
116 1,3-Dichlorobenzene	146	11.811	11.805	0.006	96	1356324	200.0	199.4	
* 117 1,4-Dichlorobenzene-d4	152	11.957	11.951	0.006	95	277238	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.993	11.994	-0.001	95	1353447	200.0	192.1	
119 4-Isopropyltoluene	119	12.079	12.073	0.006	98	2870169	200.0	222.7	
120 1,2,3-Trimethylbenzene	105	12.182	12.170	0.012	98	2581297	200.0	208.4	
121 Benzyl chloride	126	12.329	12.323	0.006	99	268357	200.0	218.2	
122 2,3-Dihydroindene	117	12.506	12.500	0.006	95	2410807	200.0	227.6	
123 1,2-Dichlorobenzene	146	12.688	12.689	-0.001	96	1309692	200.0	199.8	
124 p-Diethylbenzene	119	12.829	12.823	0.006	92	1463609	200.0	221.1	a
125 n-Butylbenzene	92	12.853	12.847	0.006	98	1685827	200.0	205.1	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	96	145142	200.0	206.8	
127 1,2,4,5-Tetramethylbenzene	119	13.639	13.640	-0.001	97	2671374	200.0	203.9	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	1079800	200.0	195.2	
129 1,2,4-Trichlorobenzene	180	14.231	14.237	-0.006	94	1013790	200.0	204.7	
130 Hexachlorobutadiene	225	14.377	14.383	-0.006	89	506624	200.0	208.0	
131 Naphthalene	128	14.383	14.383	0.000	100	2795727	200.0	218.3	
132 1,2,3-Trichlorobenzene	180	14.542	14.548	-0.006	96	997514	200.0	203.8	
S 133 1,2-Dichloroethene, Total	100				0		400.0	384.6	
S 134 1,3-Dichloropropene, Total	100				0		400.0	428.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		400.0	449.7	
S 136 Total BTEX	1				0		1000.0	1064.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00414	Amount Added:	2.00	Units: uL	
Ethanol mix_00064	Amount Added:	2.00	Units: uL	
8FreonHi_00044	Amount Added:	2.00	Units: uL	
MIX I Hi_00150	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00123	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-May-2022 18:29:33 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D

Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2 Operator ID:

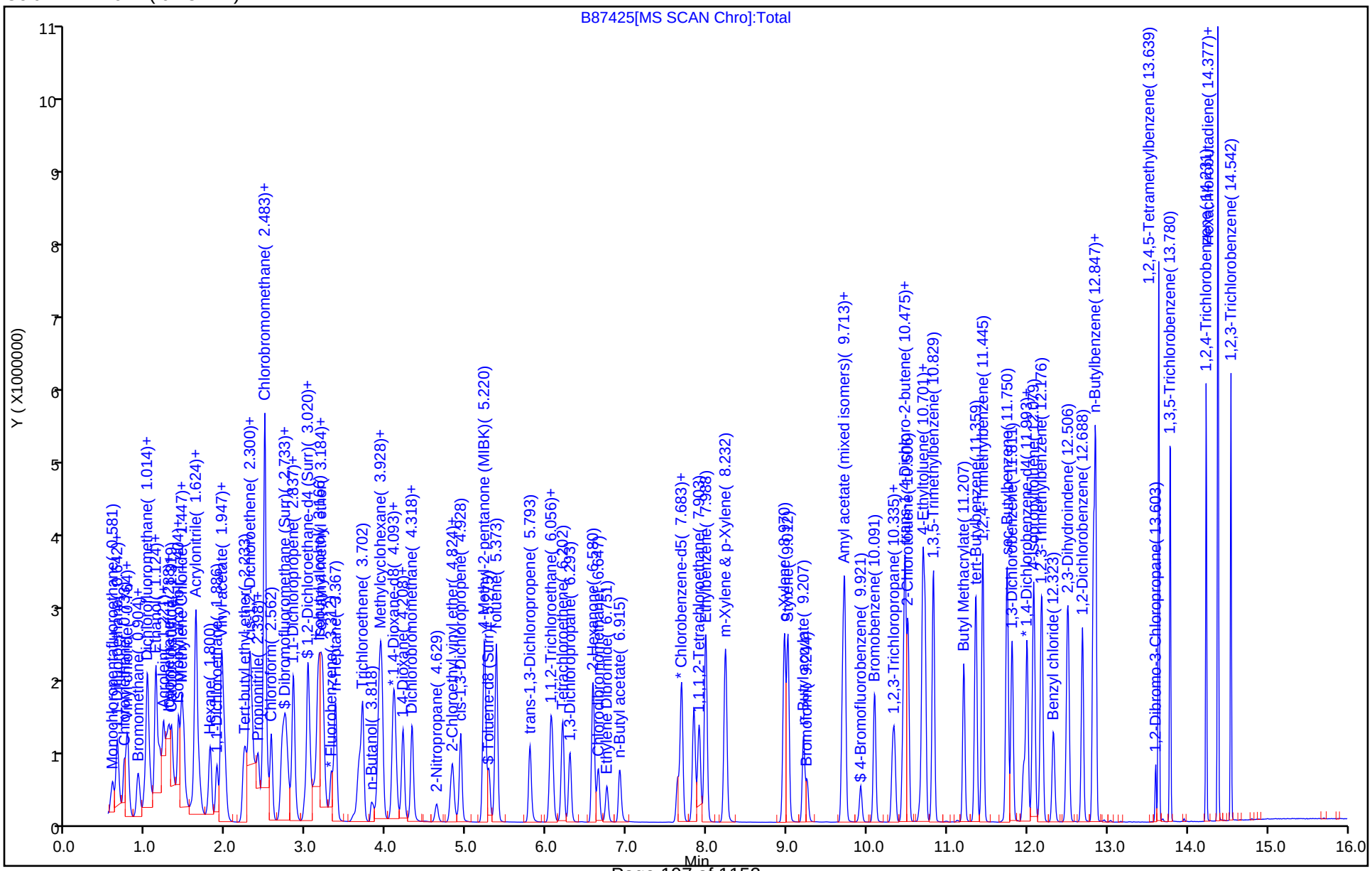
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

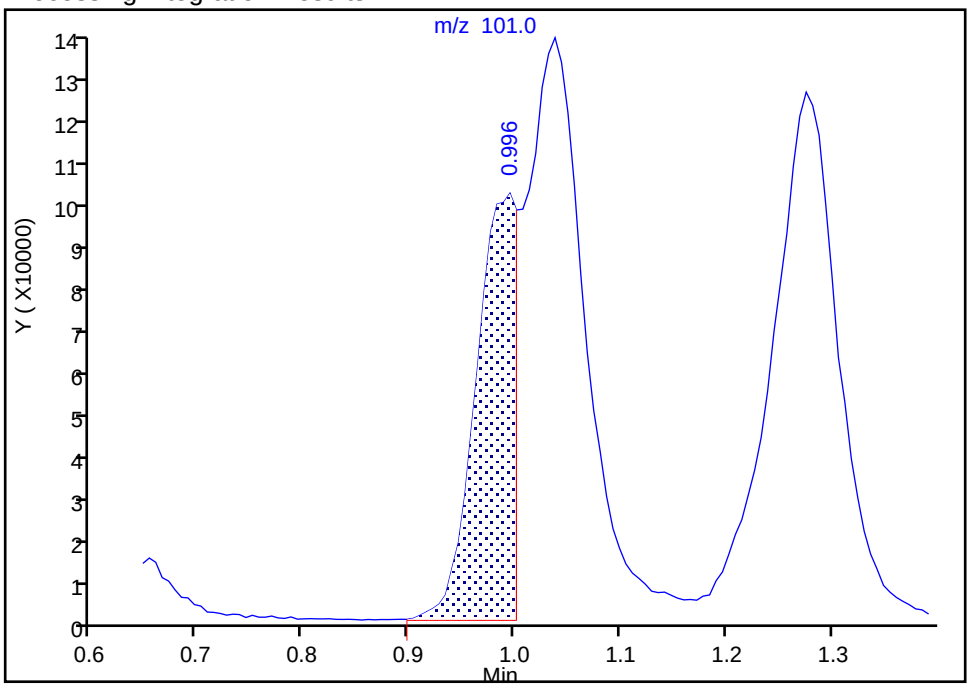
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

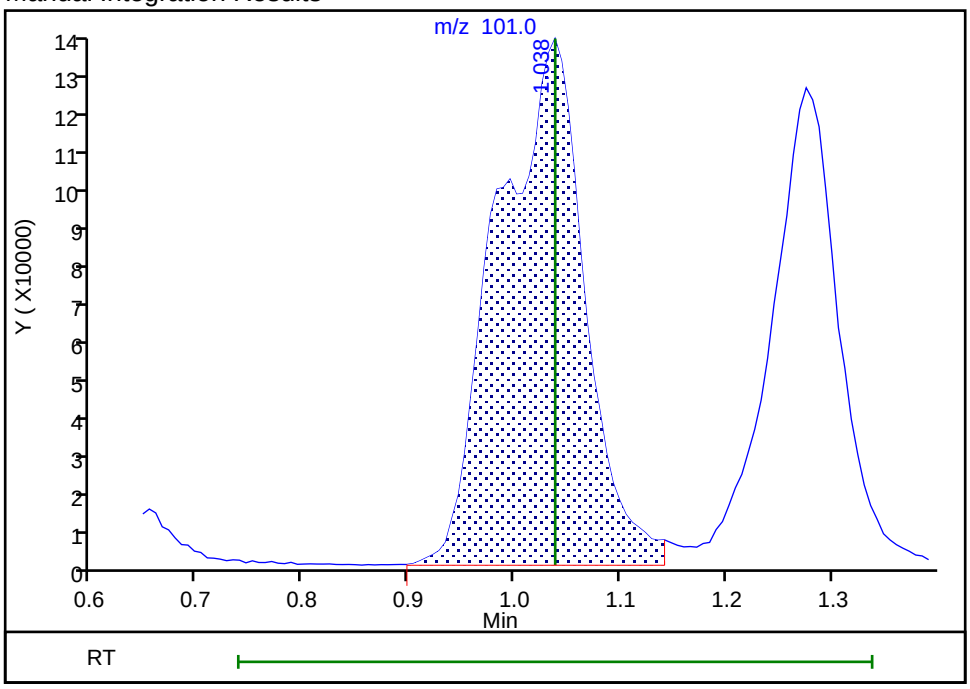
Processing Integration Results

RT: 1.00
Area: 266883
Amount: 184.5582
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 776156
Amount: 195.8265
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:39:52
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

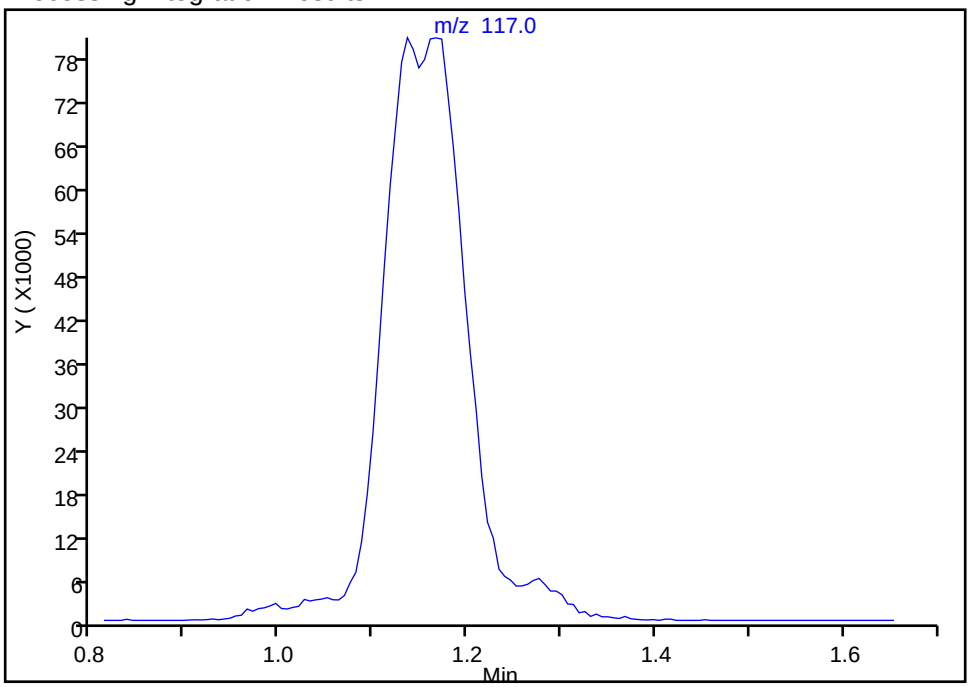
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

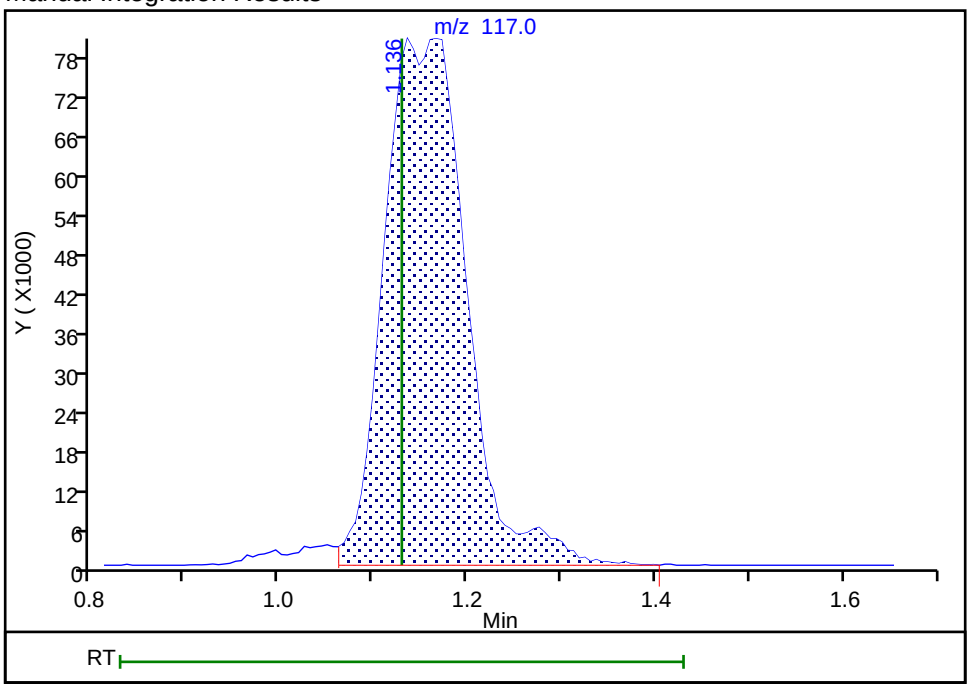
Not Detected
Expected RT: 1.13

Processing Integration Results



Manual Integration Results

RT: 1.14
Area: 493938
Amount: 196.8146
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:39:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

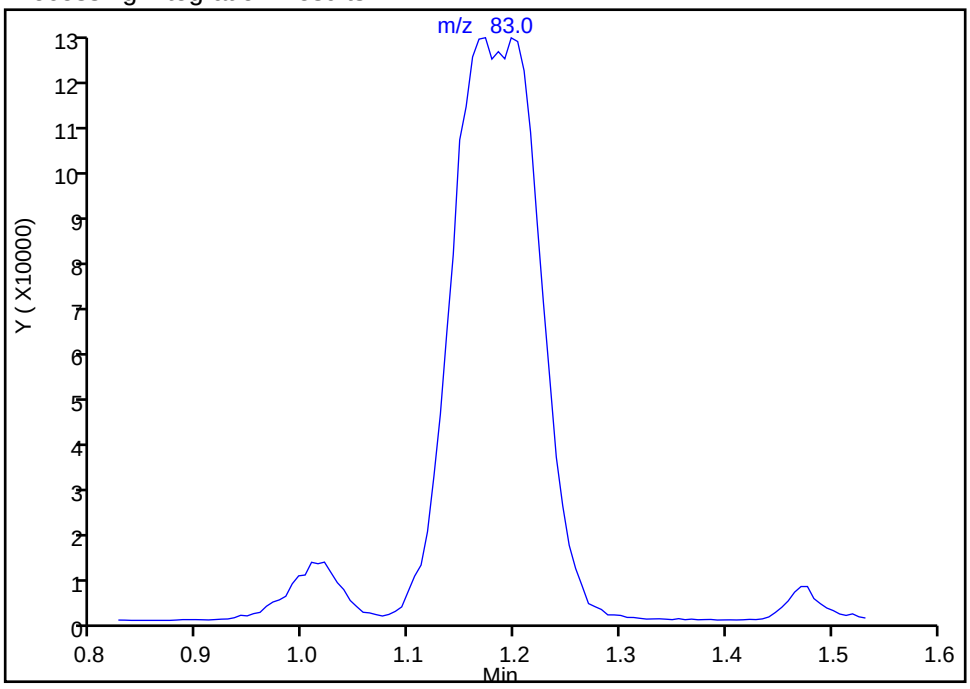
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

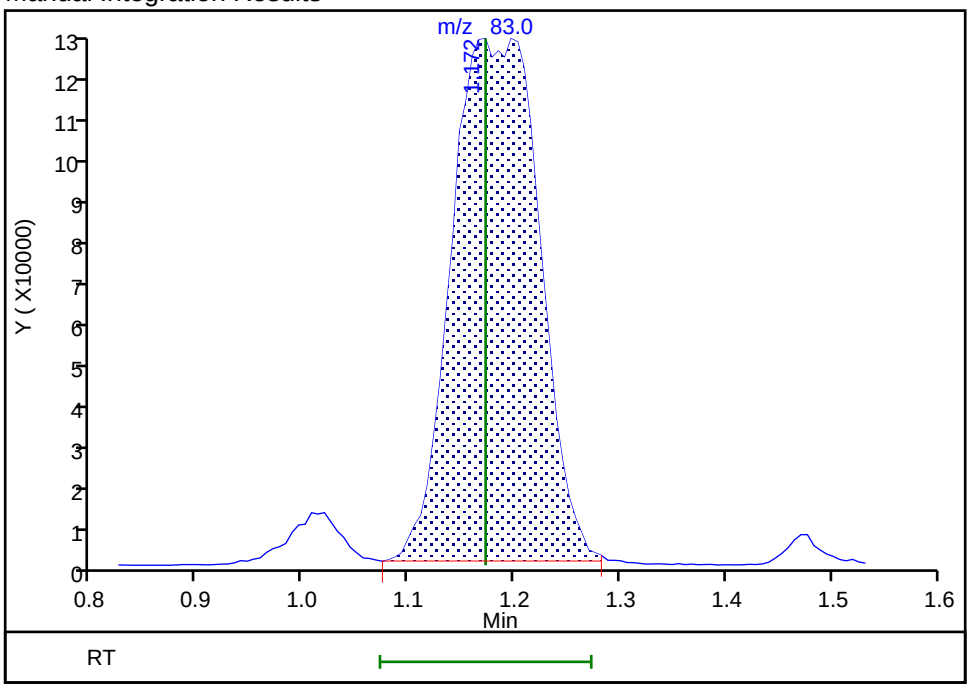
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 738445
Amount: 199.8067
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:40:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

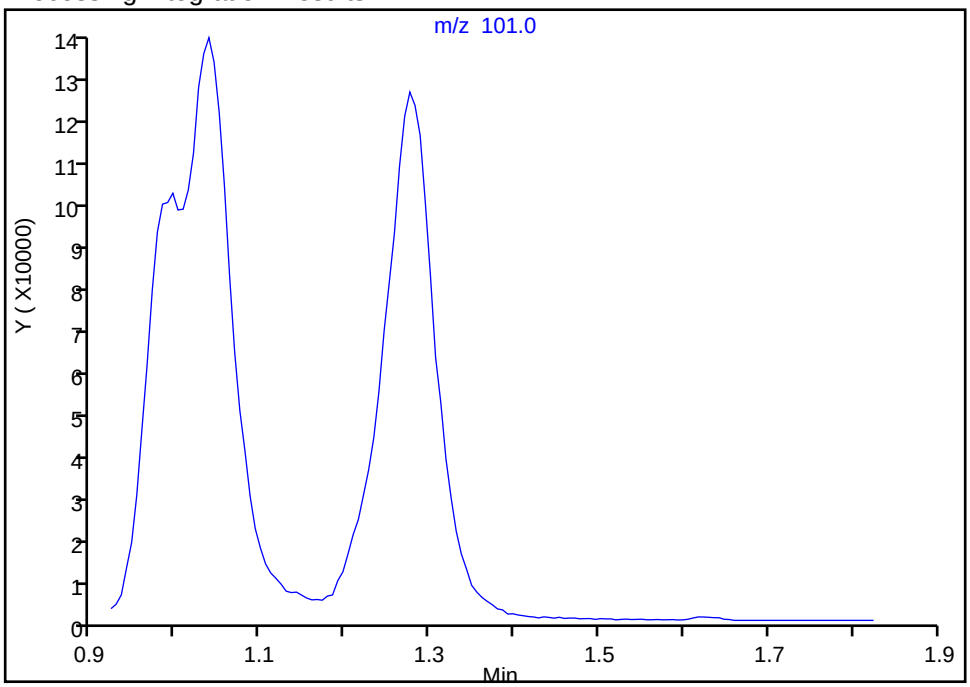
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

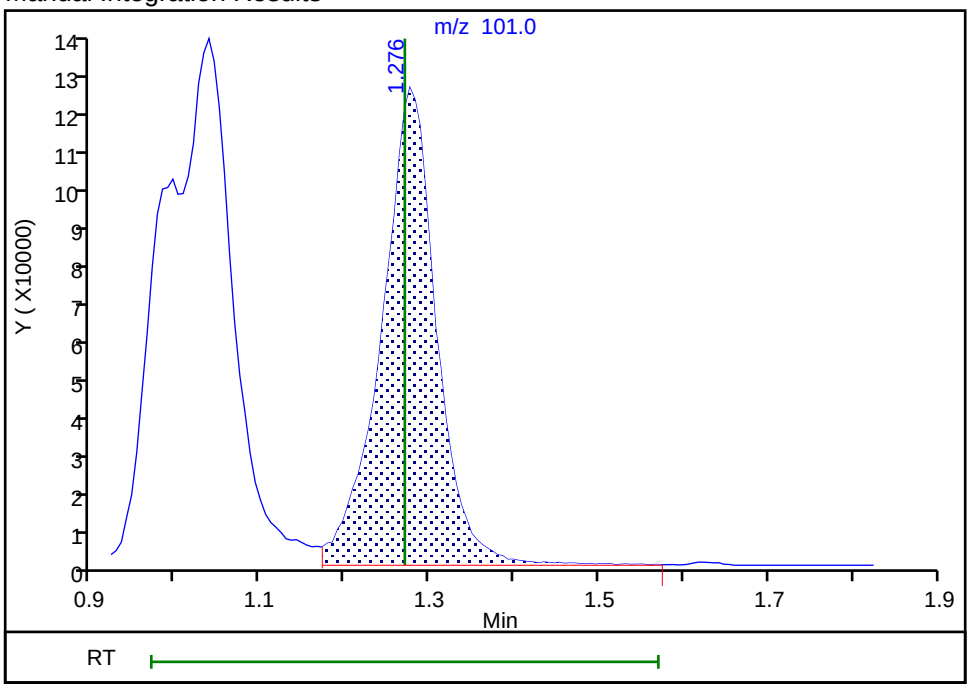
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 552646
Amount: 195.6067
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:40:21
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

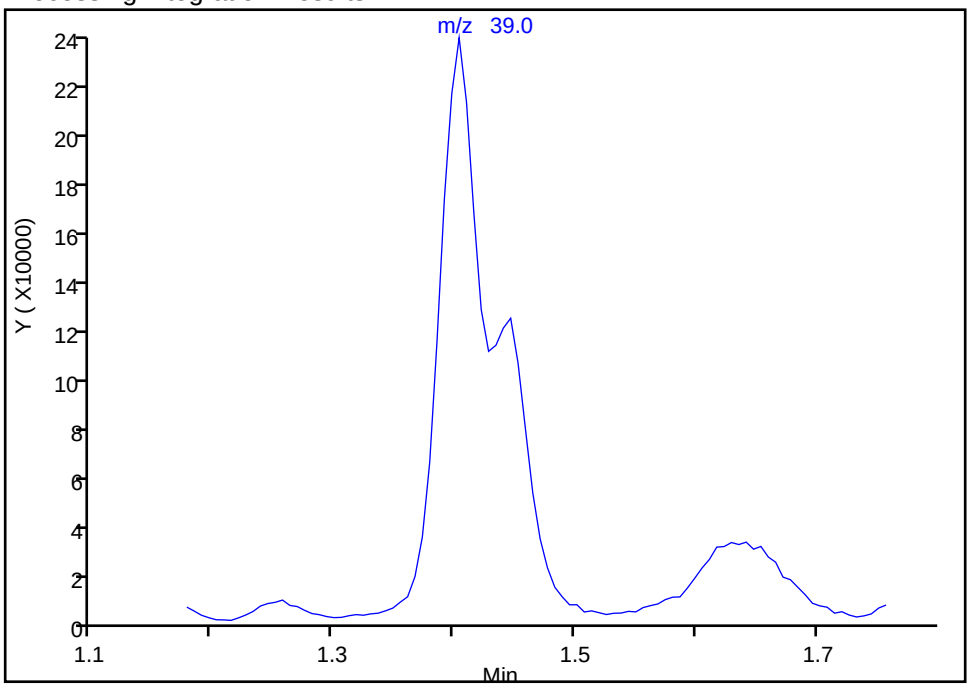
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

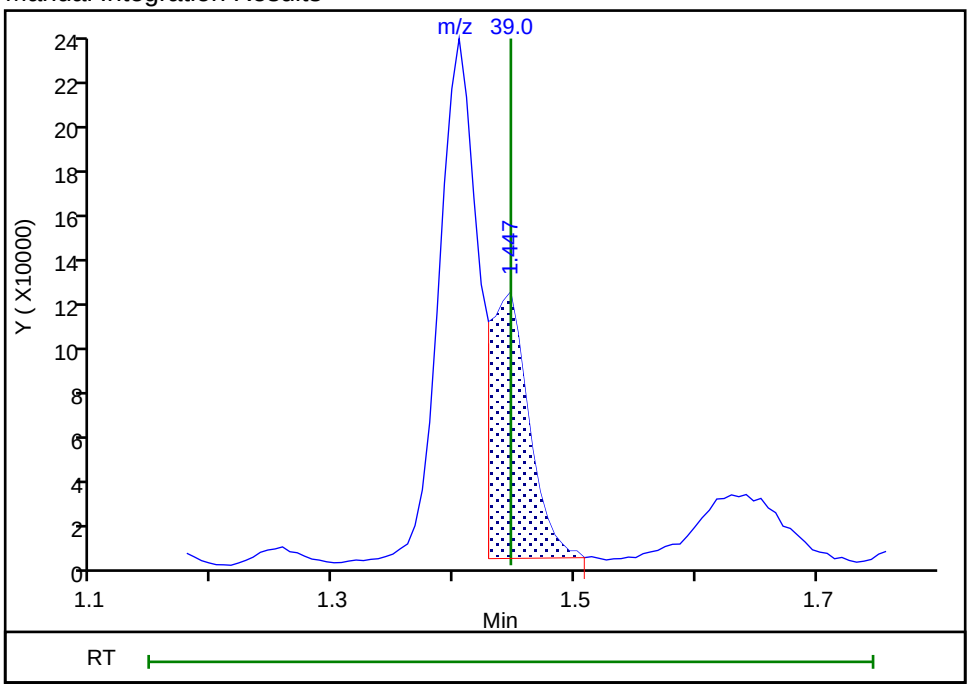
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 273309
Amount: 1875.3616
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:40:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

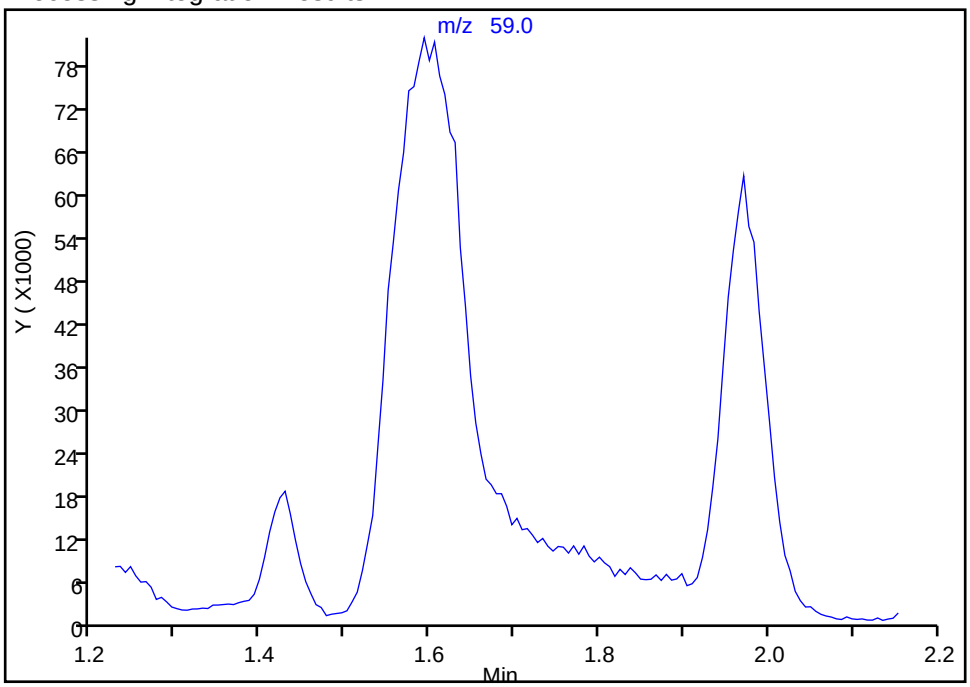
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

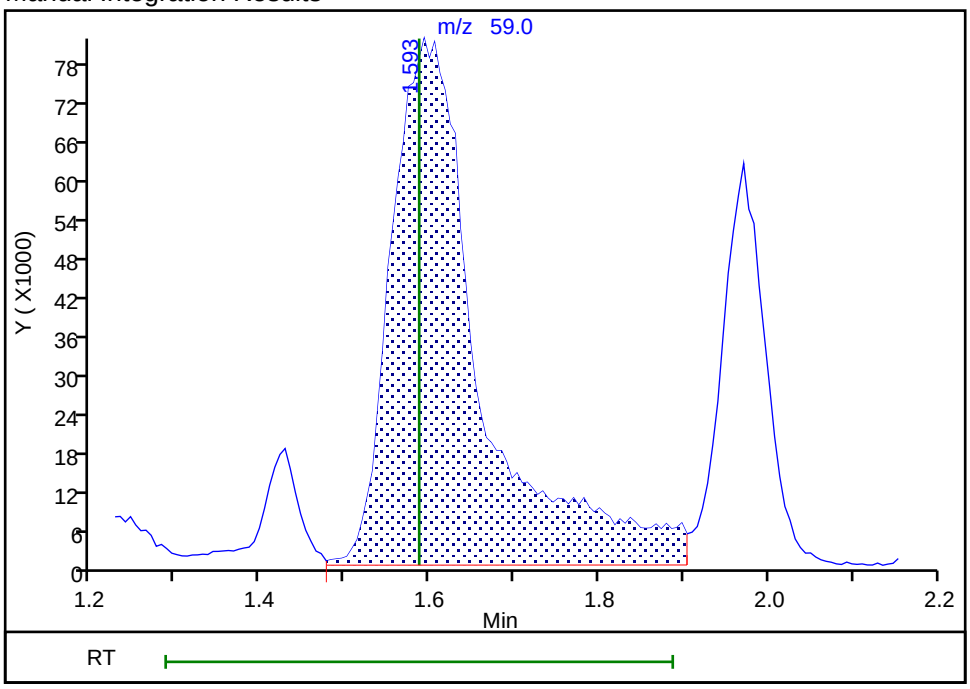
Not Detected
Expected RT: 1.59

Processing Integration Results



Manual Integration Results

RT: 1.59
Area: 604459
Amount: 1978.7172
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:40:35
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

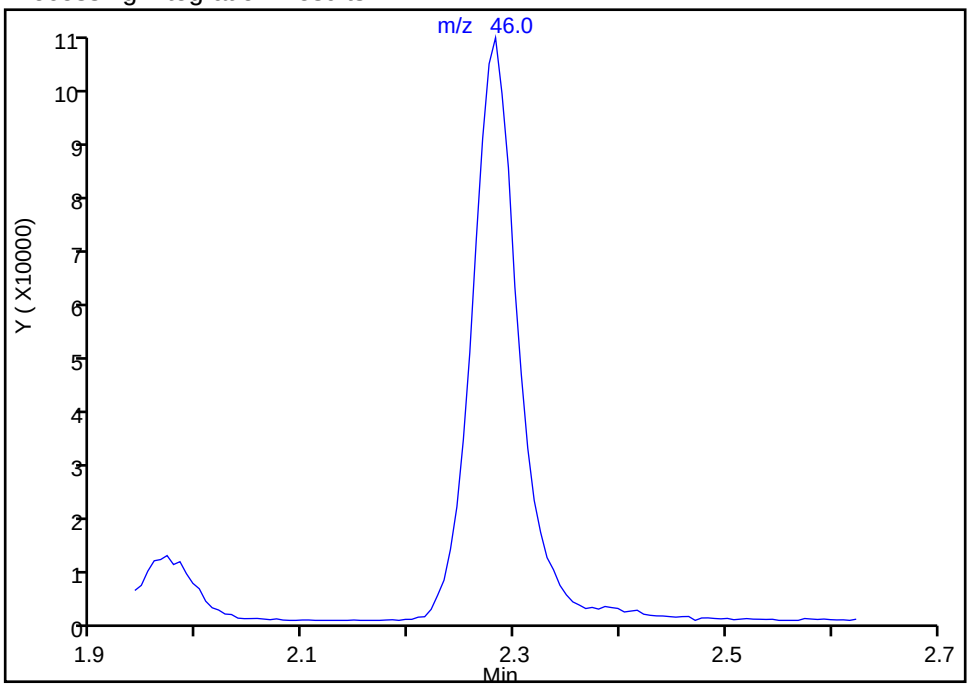
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

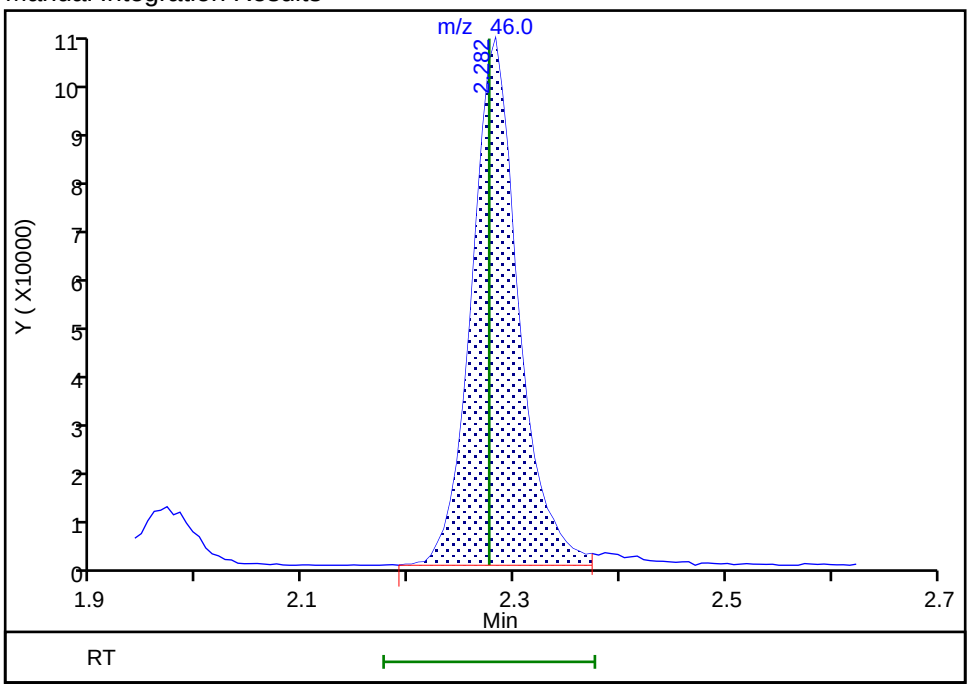
Not Detected
Expected RT: 2.28

Processing Integration Results



Manual Integration Results

RT: 2.28
Area: 326930
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:39:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

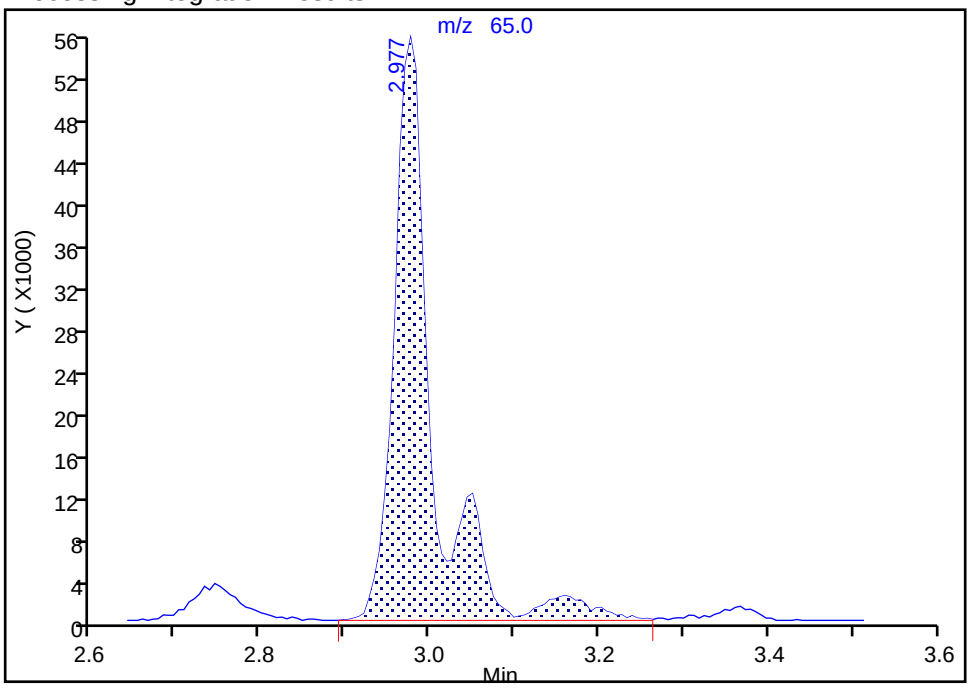
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

$ 55 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Signal: 1

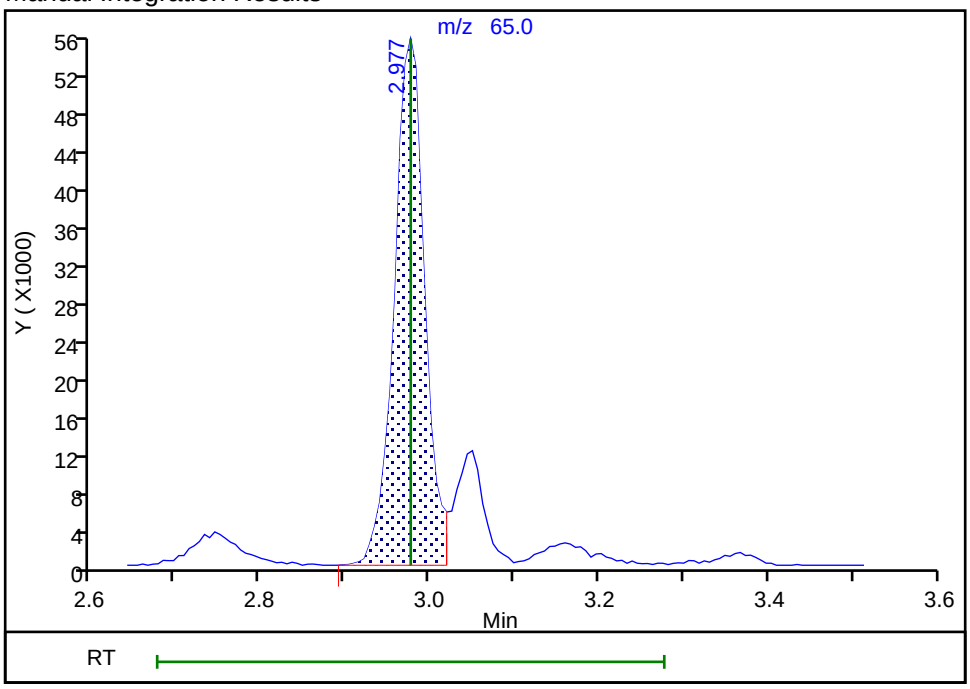
Processing Integration Results

RT: 2.98
Area: 177853
Amount: 59.713869
Amount Units: ug/l



Manual Integration Results

RT: 2.98
Area: 139902
Amount: 50.662180
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:39:24
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

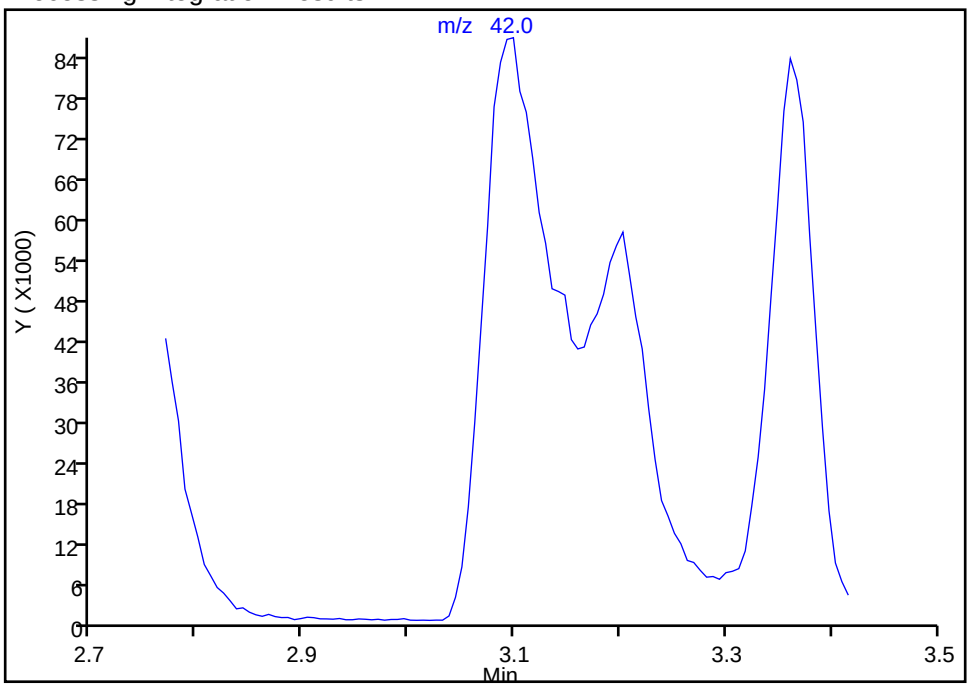
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

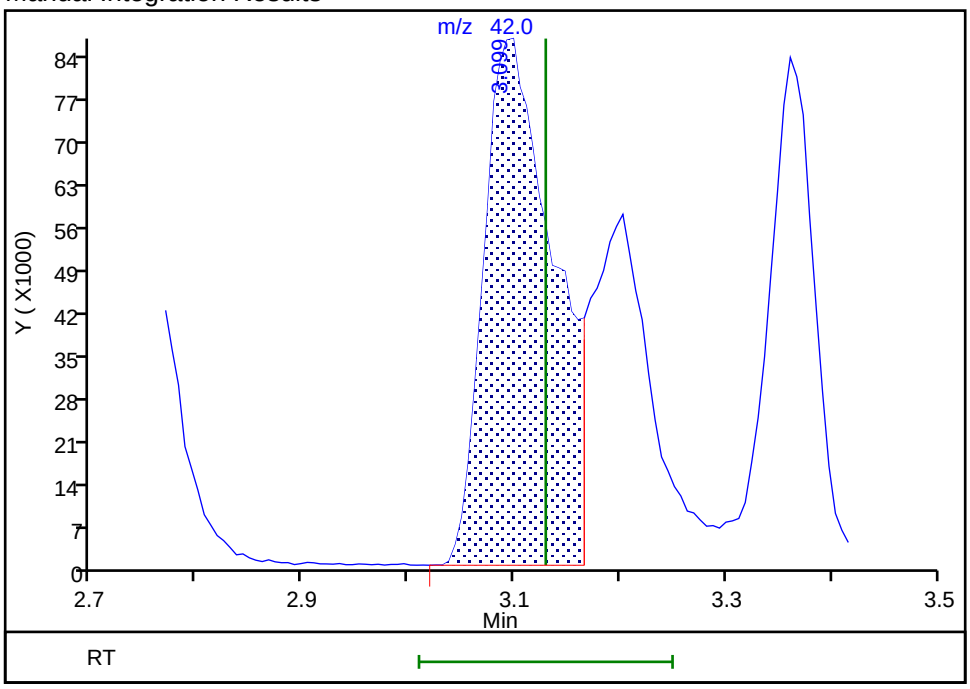
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 400736
Amount: 5071.1789
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:41:00
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

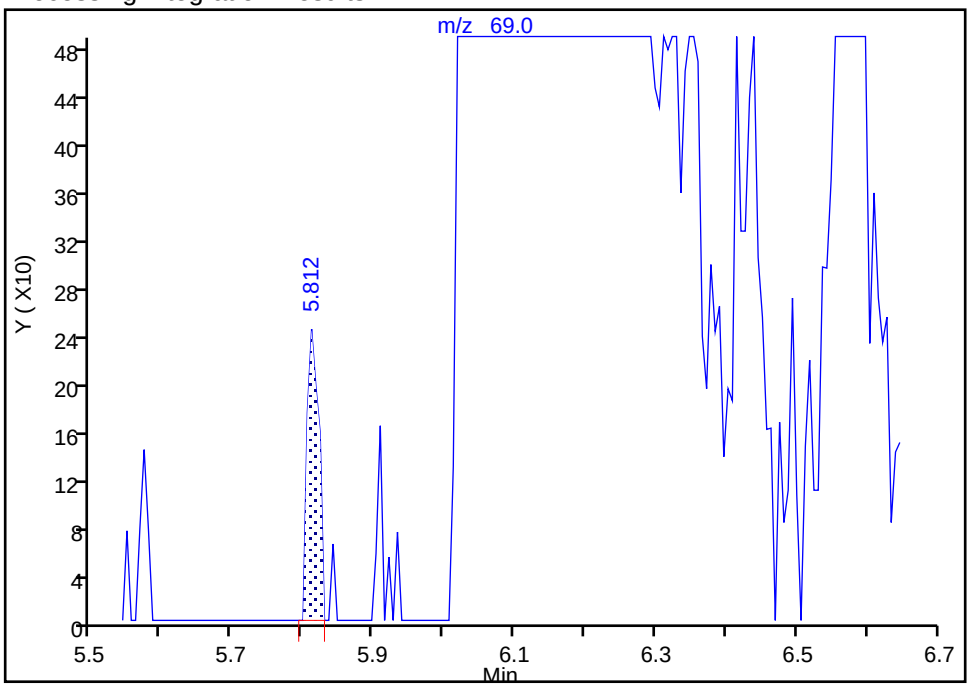
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

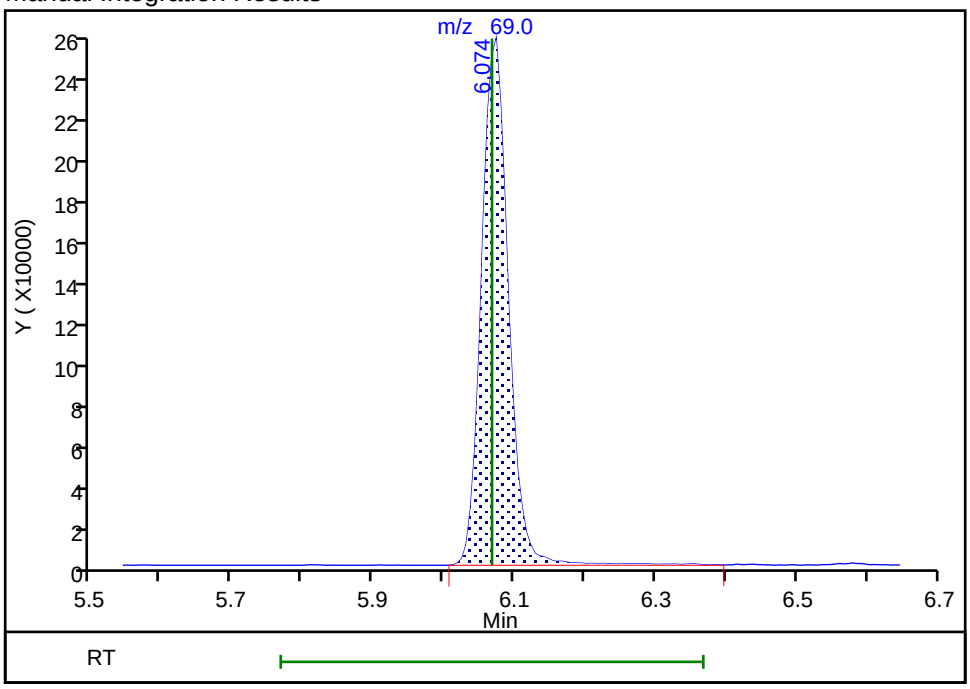
Processing Integration Results

RT: 5.81
Area: 282
Amount: 0.145407
Amount Units: ug/l



Manual Integration Results

RT: 6.07
Area: 673951
Amount: 218.4164
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:41:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

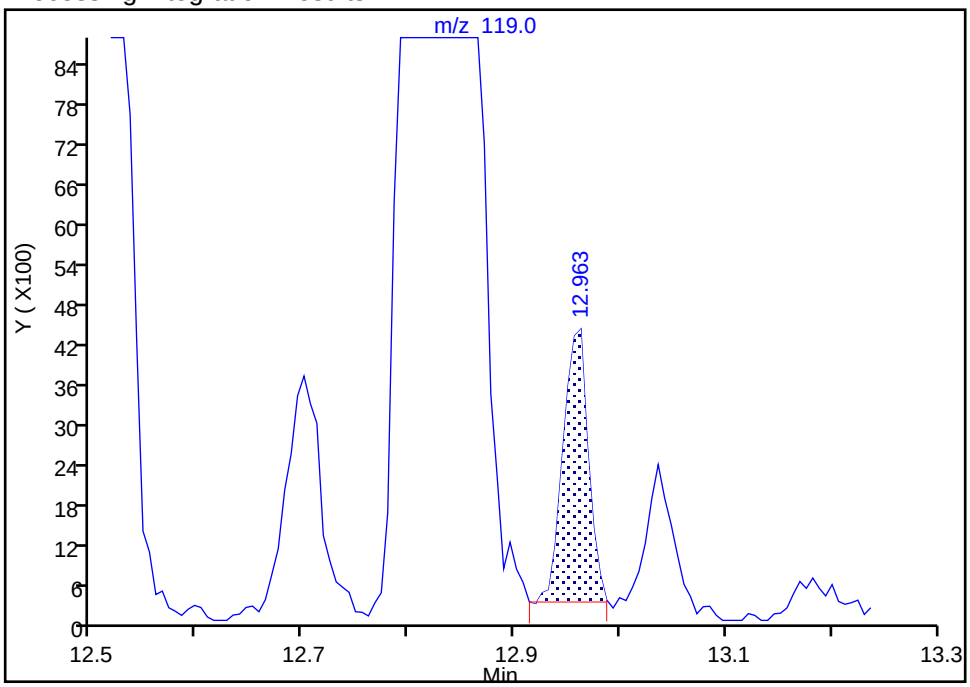
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87425.D
Injection Date: 18-May-2022 14:16:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

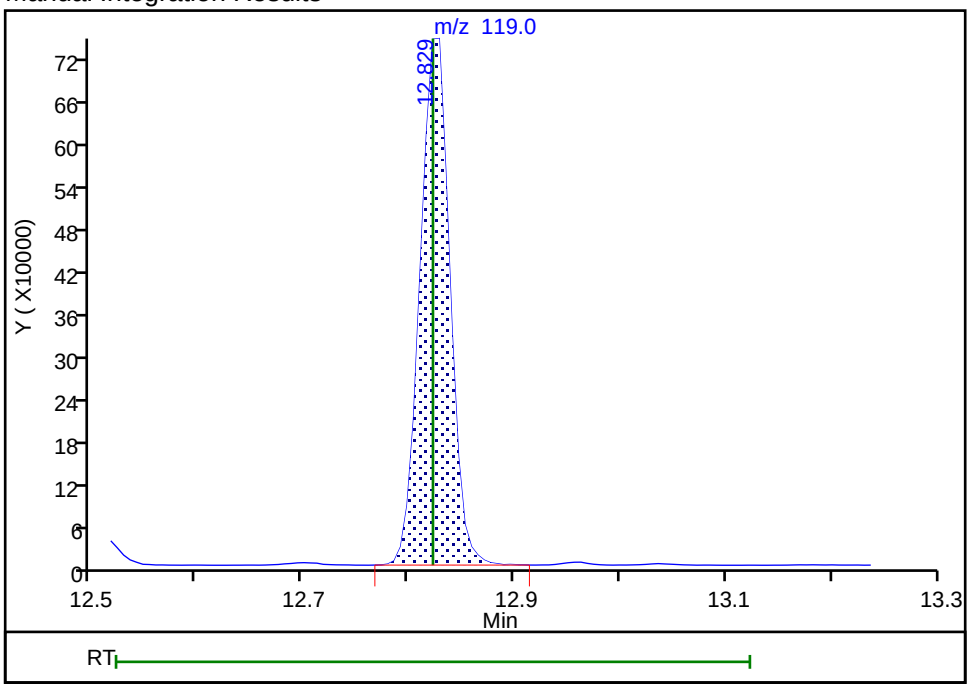
Processing Integration Results

RT: 12.96
Area: 6795
Amount: 1.662831
Amount Units: ug/l



Manual Integration Results

RT: 12.83
Area: 1463609
Amount: 221.1295
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:41:35
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 18-May-2022 14:38:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0145428-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-May-2022 18:29:41 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: delpolitov Date: 18-May-2022 17:46:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.581	0.581	0.000	74	45714	500.0	254.3	a
2 1,1-Difluoroethane	51	0.636	0.642	-0.006	93	2548653	500.0	458.6	M
3 Dichlorodifluoromethane	85	0.636	0.642	-0.006	96	1997037	500.0	440.9	
4 Chlorodifluoromethane	67	0.642	0.648	-0.006	97	249256	500.0	419.3	
5 Chloromethane	50	0.715	0.728	-0.013	99	2454816	500.0	477.7	
7 Vinyl chloride	62	0.752	0.764	-0.012	98	1875746	500.0	483.2	
6 Butadiene	54	0.764	0.776	-0.012	94	1744874	500.0	486.6	
8 Bromomethane	94	0.886	0.898	-0.012	99	1150765	500.0	398.0	
9 Chloroethane	64	0.910	0.910	0.000	99	845012	500.0	402.3	
10 Dichlorofluoromethane	67	1.008	1.014	-0.006	99	2312793	500.0	417.7	
12 Pentane	72	1.008	1.014	-0.006	94	442964	1000.0	897.3	
11 Trichlorofluoromethane	101	1.032	1.038	-0.006	99	2028222	500.0	446.2	M
14 Ethanol	46	1.105	1.118	-0.013	64	161491	20000	21796	
13 Ethyl ether	59	1.105	1.118	-0.013	95	840789	500.0	445.4	
15 2-Methyl-1,3-butadiene	53	1.118	1.124	-0.006	96	1142827	500.0	475.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.166	1.130	0.036	93	1292365	500.0	449.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.197	1.173	0.024	93	1973607	500.0	465.6	a
18 Acrolein	56	1.166	1.179	-0.013	37	120387	600.0	519.8	
19 1,1-Dichloroethene	96	1.215	1.227	-0.012	98	1316660	500.0	466.5	
21 Acetone	43	1.246	1.252	-0.006	87	1714195	2500.0	2399.6	
20 112TCTFE	101	1.270	1.270	0.000	95	1540350	500.0	475.4	a
22 Iodomethane	142	1.288	1.288	0.000	96	2526596	500.0	456.0	M
23 Carbon disulfide	76	1.313	1.325	-0.012	99	4986684	500.0	484.3	M
24 Isopropyl alcohol	45	1.349	1.362	-0.013	96	1000057	5000.0	5442.2	
25 3-Chloro-1-propene	39	1.398	1.410	-0.012	92	1523793	500.0	487.1	a
26 Methyl acetate	43	1.416	1.429	-0.013	98	1644996	1000.0	985.5	
27 Acetonitrile	39	1.435	1.447	-0.012	68	810155	5000.0	5190.9	a
28 Methylene Chloride	84	1.465	1.471	-0.006	88	1543488	500.0	449.3	
* 29 TBA-d9 (IS)	65	1.544	1.538	0.006	0	340067	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.611	1.587	0.024	98	1710312	5000.0	5228.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.611	1.618	-0.007	95	4084483	5000.0	5005.8	
32 trans-1,2-Dichloroethene	96	1.617	1.630	-0.013	93	1456174	500.0	450.4	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	97	3723496	500.0	492.5	
34 Hexane	57	1.794	1.800	-0.006	93	2007797	500.0	493.7	
35 1,1-Dichloroethane	63	1.880	1.886	-0.006	100	2370843	500.0	458.9	
36 Vinyl acetate	86	1.934	1.935	-0.001	100	480066	1000.0	945.0	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	93	1289787	500.0	455.2	
38 Isopropyl ether	45	1.965	1.977	-0.012	93	3967350	500.0	395.0	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	89	1912250	500.0	512.2	
* 40 2-Butanone-d5	46	2.276	2.276	0.000	0	362923	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	99	1864908	500.0	477.9	
42 2,2-Dichloropropane	79	2.306	2.300	0.006	91	758654	500.0	471.3	
43 2-Butanone (MEK)	72	2.325	2.325	0.000	99	912320	2500.0	2469.1	
44 Propionitrile	54	2.373	2.374	-0.001	95	2076631	5000.0	5063.8	
45 Ethyl acetate	70	2.392	2.404	-0.012	100	283038	1000.0	945.7	
62 Methyl acrylate	55	2.410	2.410	0.000	99	1558947	500.0	512.4	
46 Chlorobromomethane	128	2.477	2.477	0.000	91	868597	500.0	464.0	
47 Methacrylonitrile	67	2.489	2.483	0.006	91	5726884	5000.0	5054.0	
48 Tetrahydrofuran	72	2.526	2.520	0.006	91	420084	1000.0	1053.8	
49 Chloroform	83	2.562	2.563	-0.001	99	2721121	500.0	493.6	
$ 50 Dibromofluoromethane (Surr)	113	2.697	2.691	0.006	95	146051	50.0	44.2	
51 1,1,1-Trichloroethane	97	2.703	2.703	0.000	99	2350877	500.0	498.8	
52 Cyclohexane	84	2.745	2.752	-0.007	91	2888660	500.0	534.9	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	97	2226315	500.0	533.2	
53 Carbon tetrachloride	117	2.843	2.843	0.000	97	1959184	500.0	499.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.977	0.000	0	139681	50.0	44.1	M
56 Benzene	78	3.020	3.020	0.000	95	6712716	500.0	518.9	
57 1,2-Dichloroethane	62	3.044	3.050	-0.006	96	1770104	500.0	499.5	
58 Isobutyl alcohol	42	3.093	3.129	-0.036	91	1229045	12500	12492	Ma
59 Tert-amyl methyl ether	73	3.196	3.184	0.012	85	5635502	500.0	558.0	
73 Isopropyl acetate	43	3.203	3.203	0.000	96	6949245	500.0	628.9	
* 60 Fluorobenzene	96	3.312	3.312	0.000	96	760523	50.0	50.0	a
61 n-Heptane	43	3.361	3.367	-0.006	93	2890433	500.0	503.2	
63 Trichloroethene	95	3.702	3.709	-0.007	100	1644883	500.0	511.0	
65 Methylcyclohexane	83	3.916	3.910	0.006	88	3480088	500.0	573.1	
64 n-Butanol	43	3.812	3.910	-0.098	86	495942	12500	12493	a
66 Ethyl acrylate	55	3.928	3.928	0.000	97	4518642	500.0	578.2	
67 1,2-Dichloropropane	63	3.946	3.940	0.006	94	1668713	500.0	516.7	
68 Dibromomethane	93	4.074	4.081	-0.007	98	905523	500.0	493.6	
* 69 1,4-Dioxane-d8	96	4.093	4.105	-0.012	0	39039	1000.0	1000.0	
70 1,4-Dioxane	88	4.160	4.172	-0.012	90	344827	10000	8561.9	
71 Methyl methacrylate	100	4.208	4.215	-0.007	98	723220	1000.0	1099.3	
72 Dichlorobromomethane	83	4.318	4.318	0.000	100	1986047	500.0	527.2	
81 n-Propyl acetate	43	4.318	4.330	-0.012	98	1966869	500.0	587.2	
74 2-Nitropropane	41	4.629	4.629	0.000	96	606675	1000.0	958.5	
75 2-Chloroethyl vinyl ether	63	4.806	4.812	-0.006	95	560730	501.2	500.8	
76 Epichlorohydrin	57	4.830	4.830	0.000	99	2975557	10000	11990	
77 cis-1,3-Dichloropropene	75	4.928	4.928	0.000	92	2487439	500.0	546.5	
78 4-Methyl-2-pentanone (MIBK)	43	5.227	5.227	0.000	97	7237862	2500.0	2790.7	
$ 79 Toluene-d8 (Surr)	98	5.281	5.275	0.006	99	584739	50.0	45.6	
80 Toluene	91	5.373	5.373	0.000	93	6894912	500.0	526.6	
82 trans-1,3-Dichloropropene	75	5.794	5.800	-0.006	98	2126035	500.0	578.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.050	6.050	0.000	97	1109957	500.0	518.2	
84 Ethyl methacrylate	69	6.074	6.068	0.006	93	1954655	500.0	485.8	a
85 Tetrachloroethene	166	6.202	6.202	0.000	98	1621896	500.0	509.7	
86 1,3-Dichloropropane	76	6.293	6.294	-0.001	94	2214546	500.0	530.4	
87 2-Hexanone	43	6.586	6.580	0.006	97	5143115	2500.0	2419.7	
88 Chlorodibromomethane	129	6.653	6.647	0.006	98	1428962	500.0	541.6	
89 Ethylene Dibromide	107	6.757	6.751	0.006	99	1316574	500.0	537.0	
90 n-Butyl acetate	43	6.915	6.921	-0.006	99	2272074	500.0	613.4	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	85	520868	50.0	50.0	
92 Chlorobenzene	112	7.689	7.683	0.006	95	4327304	500.0	522.7	
93 1,1,1,2-Tetrachloroethane	131	7.909	7.897	0.012	98	1566477	500.0	546.2	
94 Ethylbenzene	106	7.994	7.982	0.012	98	2536172	500.0	567.2	
95 m-Xylene & p-Xylene	106	8.238	8.232	0.006	99	3085956	500.0	587.1	
96 o-Xylene	106	8.970	8.964	0.006	94	3059695	500.0	594.0	
97 Styrene	104	9.018	9.012	0.006	96	5306183	500.0	492.1	
98 n-Butyl acrylate	73	9.207	9.208	-0.001	97	1193952	500.0	487.9	
99 Bromoform	173	9.256	9.256	0.000	97	984853	500.0	582.0	
101 Amyl acetate (mixed isomers)	43	9.695	9.695	0.000	90	2948405	500.0	491.1	
102 Isopropylbenzene	105	9.726	9.714	0.012	96	8531161	500.0	610.4	
$ 103 4-Bromofluorobenzene	174	9.927	9.921	0.006	89	172900	50.0	42.5	
104 Bromobenzene	156	10.098	10.098	0.000	98	1901337	500.0	494.4	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	99	488809	500.0	516.5	
106 1,1,2,2-Tetrachloroethane	83	10.347	10.341	0.006	100	2068609	500.0	531.9	
107 trans-1,4-Dichloro-2-butene	53	10.451	10.439	0.012	91	602755	500.0	592.7	
108 N-Propylbenzene	120	10.482	10.470	0.012	98	2393499	500.0	570.4	
109 2-Chlorotoluene	126	10.518	10.506	0.012	97	2022443	500.0	544.4	a
110 4-Ethyltoluene	105	10.707	10.689	0.018	98	8354186	500.0	582.6	
111 4-Chlorotoluene	91	10.732	10.719	0.013	98	7148940	500.0	568.4	
112 1,3,5-Trimethylbenzene	105	10.835	10.829	0.006	93	7450985	500.0	599.2	
100 Butyl Methacrylate	87	11.213	11.207	0.006	99	2421057	500.0	488.4	
113 tert-Butylbenzene	119	11.366	11.353	0.013	94	6146192	500.0	604.6	
114 1,2,4-Trimethylbenzene	105	11.451	11.439	0.012	98	7701643	500.0	593.6	
115 sec-Butylbenzene	105	11.756	11.744	0.012	99	10399934	500.0	607.6	
116 1,3-Dichlorobenzene	146	11.823	11.805	0.018	96	4000320	500.0	527.0	
* 117 1,4-Dichlorobenzene-d4	152	11.957	11.951	0.006	96	309391	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.006	11.994	0.012	97	3999055	500.0	508.5	
119 4-Isopropyltoluene	119	12.091	12.073	0.018	98	8624038	500.0	599.6	
120 1,2,3-Trimethylbenzene	105	12.189	12.170	0.019	99	7957373	500.0	575.7	
121 Benzyl chloride	126	12.335	12.323	0.012	99	792739	500.0	577.6	
122 2,3-Dihydroindene	117	12.518	12.500	0.018	95	7324201	500.0	603.0	
123 1,2-Dichlorobenzene	146	12.695	12.689	0.006	95	3880016	500.0	530.4	
124 p-Diethylbenzene	119	12.835	12.823	0.012	89	4439224	500.0	601.0	a
125 n-Butylbenzene	92	12.859	12.847	0.012	98	5158141	500.0	561.6	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	97	422312	500.0	539.3	
127 1,2,4,5-Tetramethylbenzene	119	13.646	13.640	0.006	97	8478208	500.0	494.6	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	3276742	500.0	530.9	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	93	3074510	500.0	556.3	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	86	1482378	500.0	545.5	
131 Naphthalene	128	14.389	14.383	0.006	99	8449164	500.0	591.2	e
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	2963301	500.0	542.5	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	928.3	
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1125.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		1000.0	1181.1	
S 136 Total BTEX	1				0		2500.0	2793.9	

QC Flag Legend

Processing Flags
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GAS Hi_00414	Amount Added:	5.00	Units: uL	
Ethanol mix_00064	Amount Added:	5.00	Units: uL	
8FreonHi_00044	Amount Added:	5.00	Units: uL	
MIX I Hi_00150	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00123	Amount Added:	5.00	Units: uL	
ACROLEIN W_00140	Amount Added:	6.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-May-2022 18:29:43 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2 Operator ID:

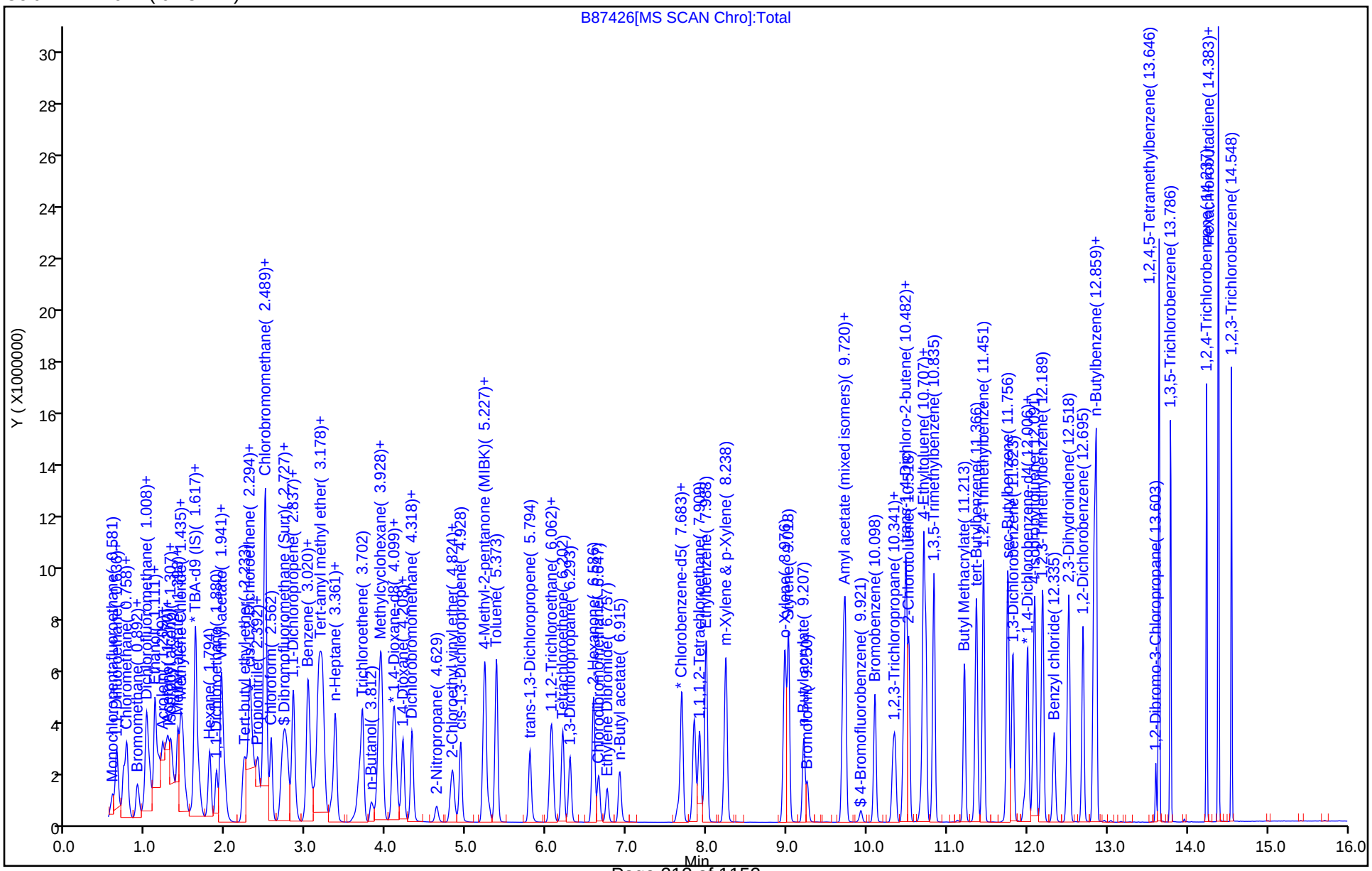
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

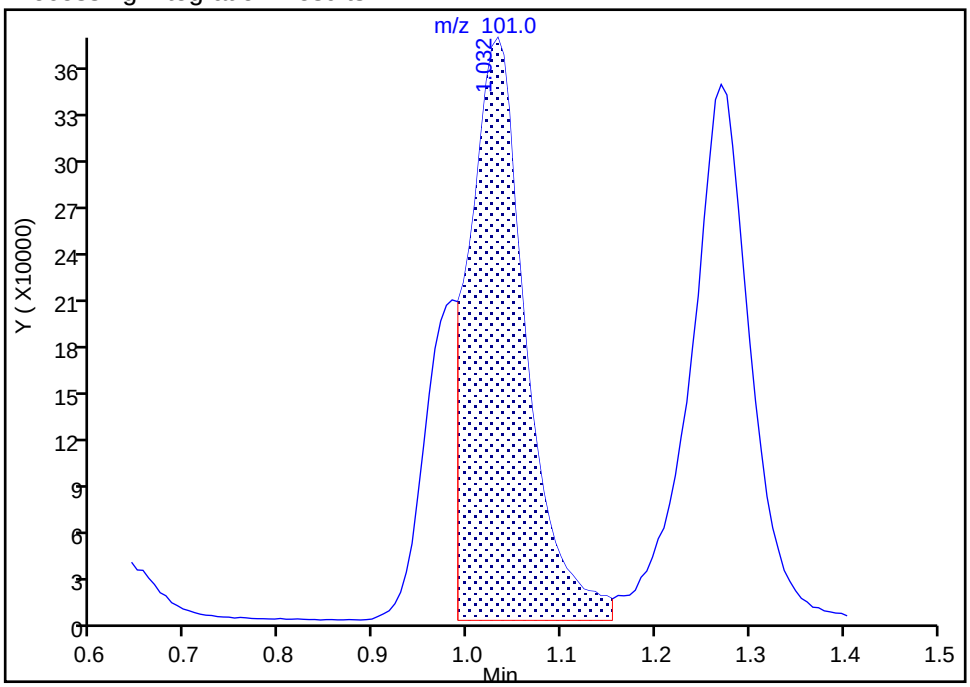
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Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

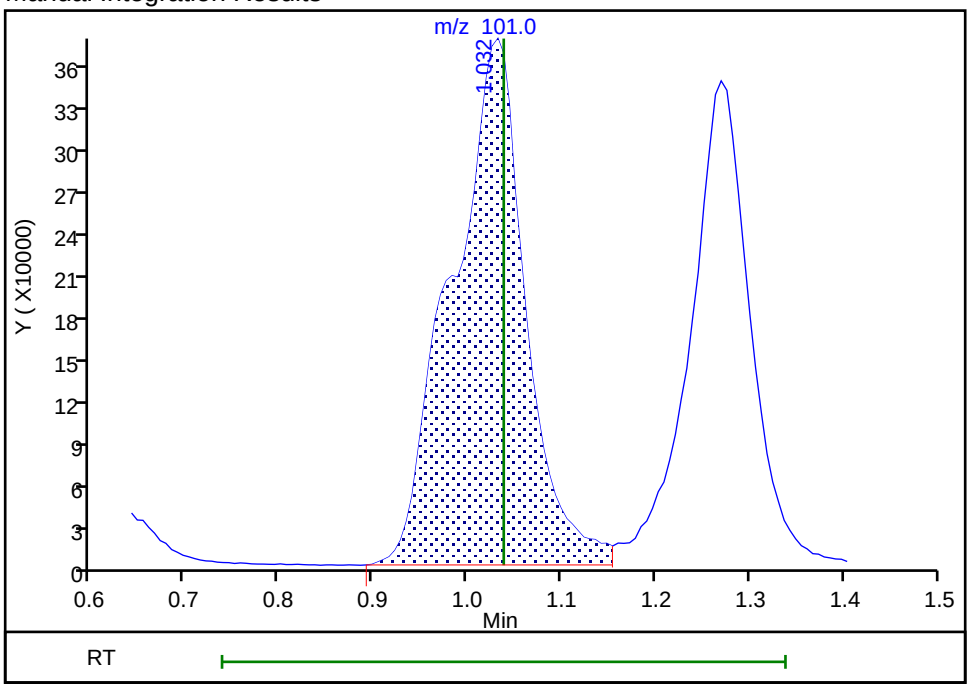
Processing Integration Results

RT: 1.03
Area: 1585845
Amount: 360.5503
Amount Units: ug/l



Manual Integration Results

RT: 1.03
Area: 2028222
Amount: 446.1690
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:45:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

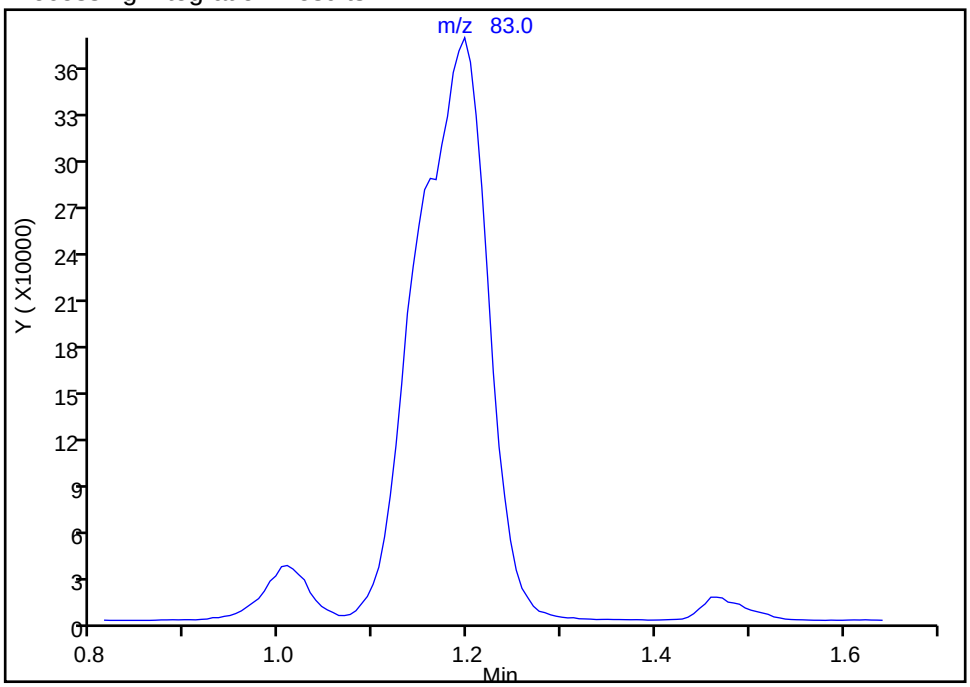
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Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

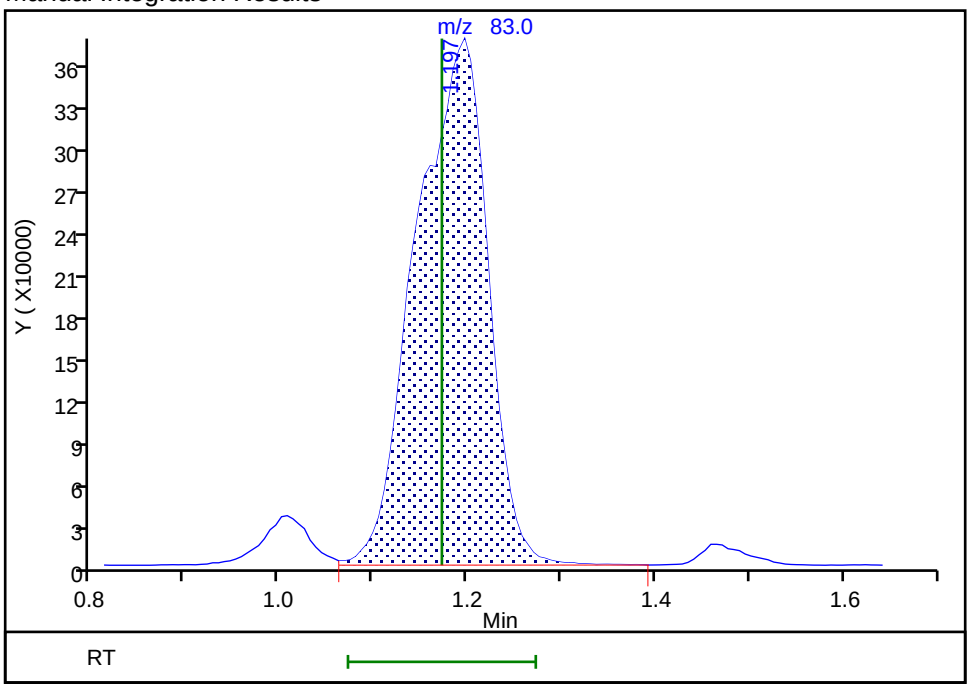
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Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.20
Area: 1973607
Amount: 465.6012
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:46:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

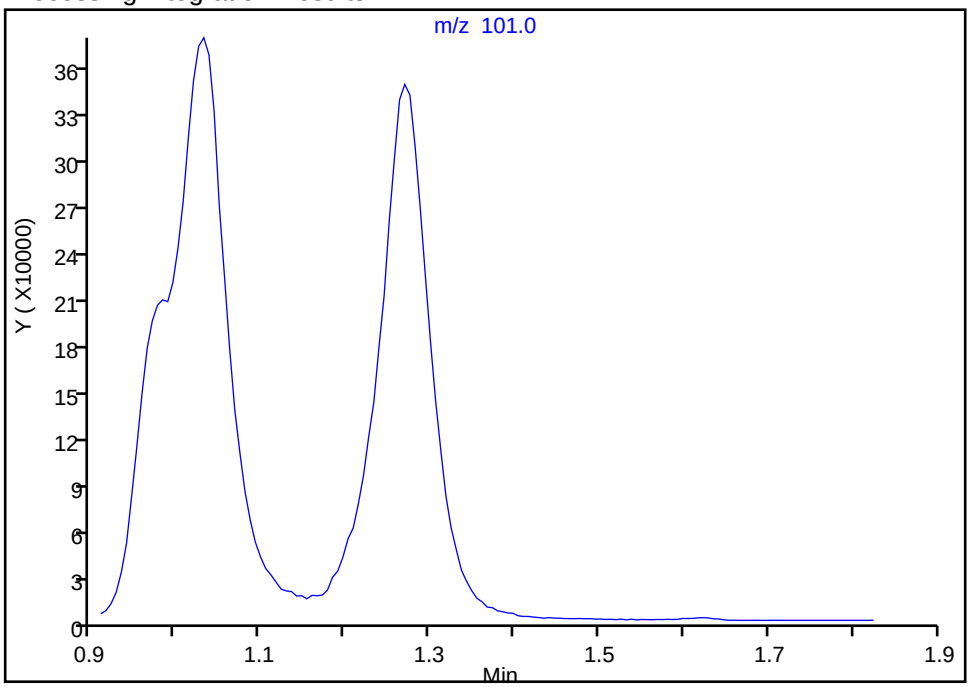
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Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

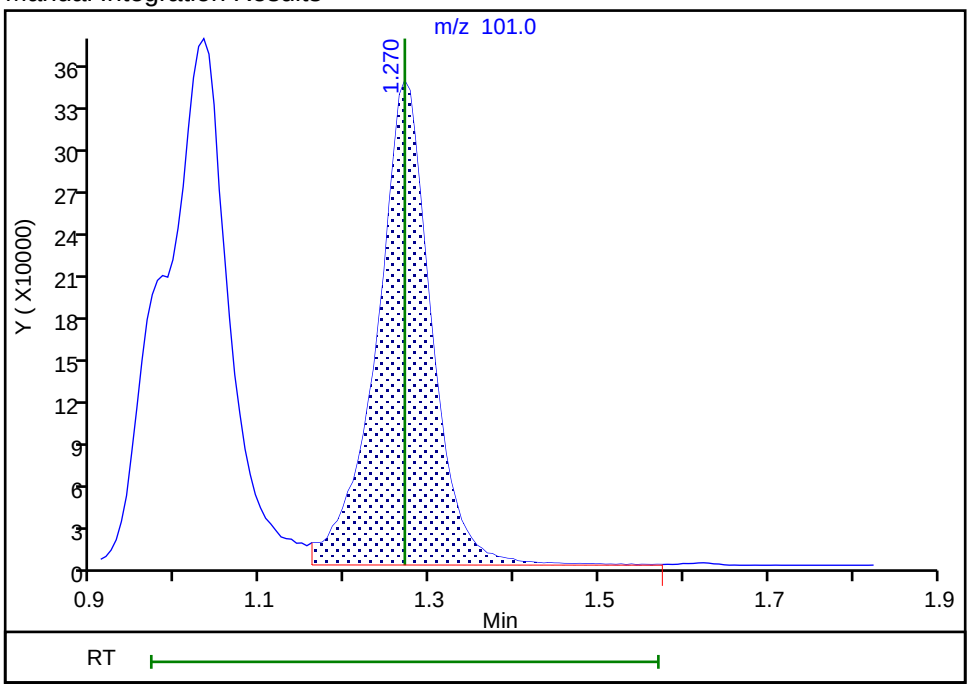
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 1540350
Amount: 475.3545
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:46:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

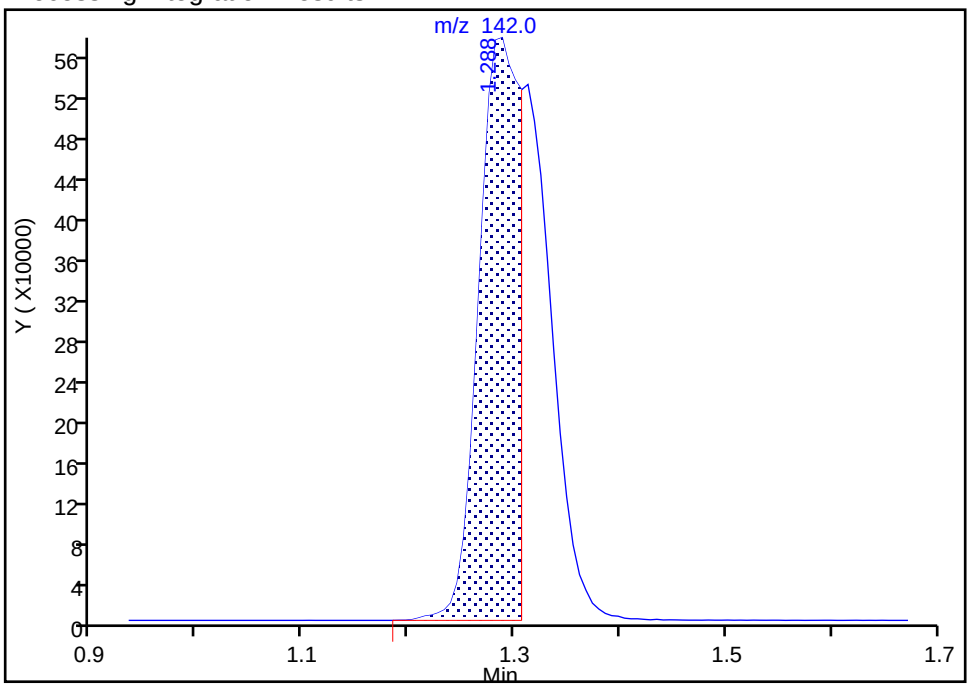
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Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

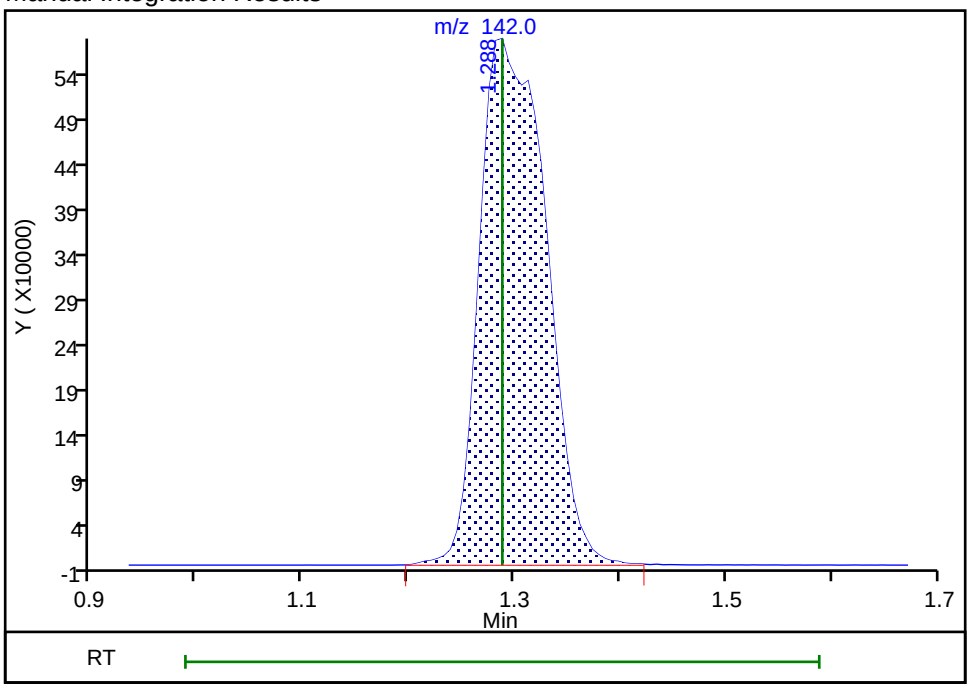
Processing Integration Results

RT: 1.29
Area: 1573034
Amount: 301.1791
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 2526596
Amount: 456.0006
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:46:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

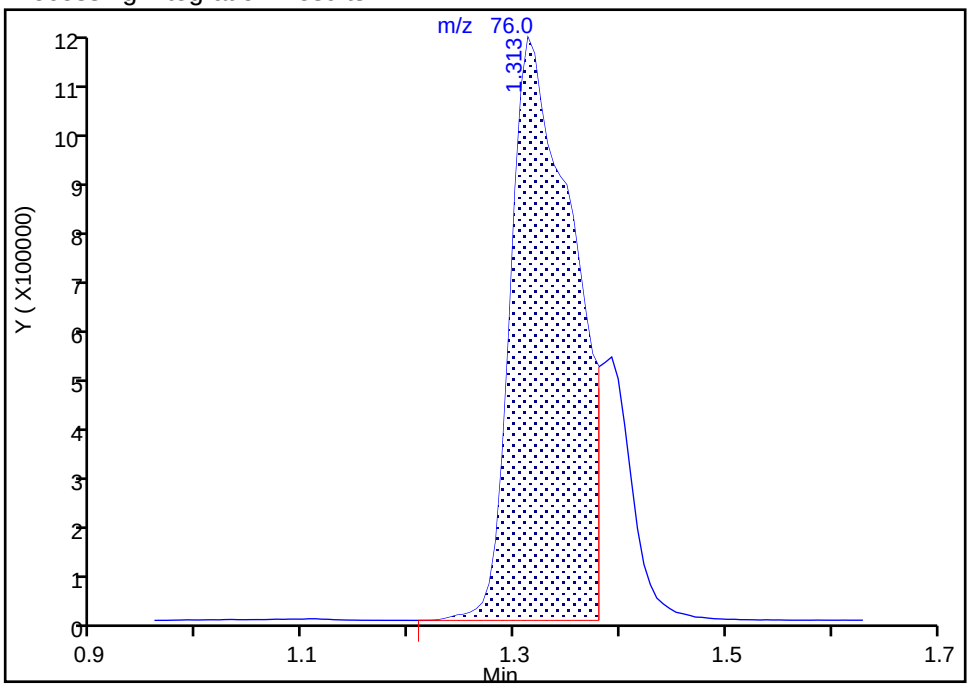
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

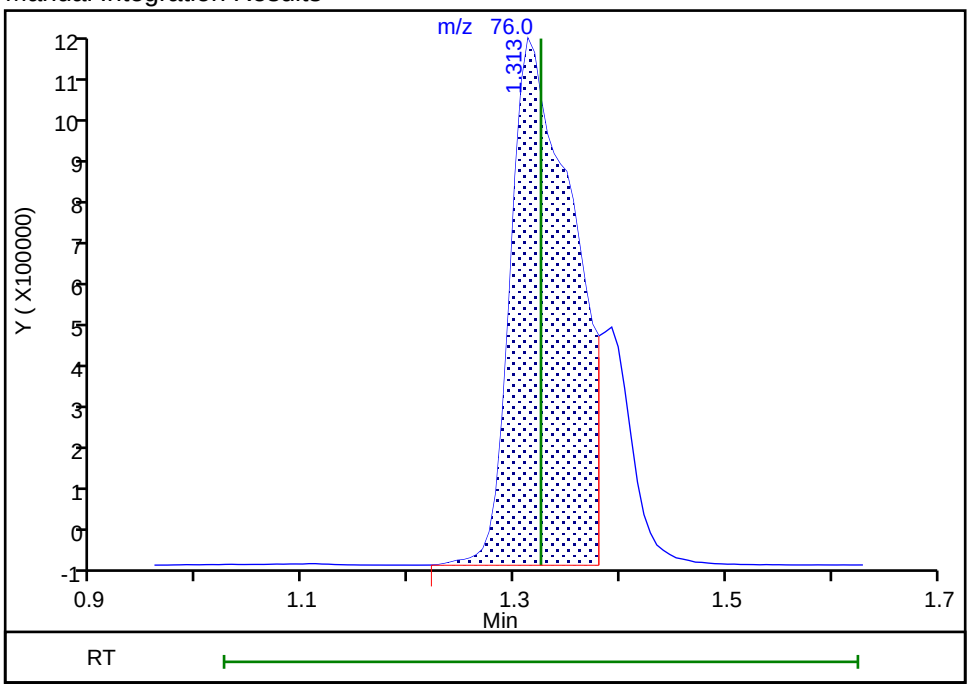
Processing Integration Results

RT: 1.31
Area: 4984265
Amount: 484.0743
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 4986684
Amount: 484.2713
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:47:10
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

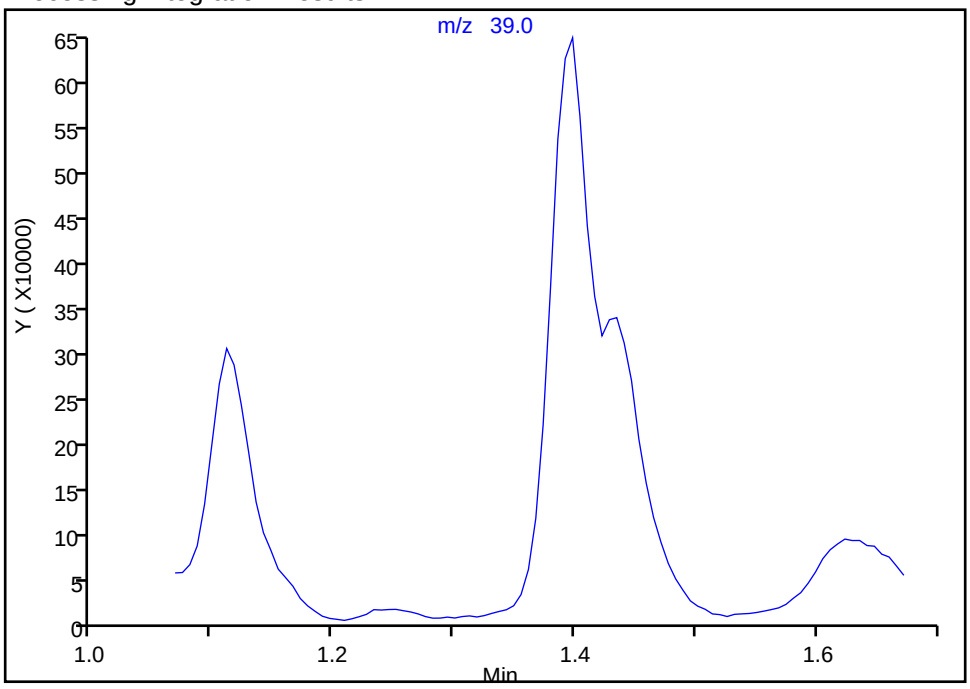
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

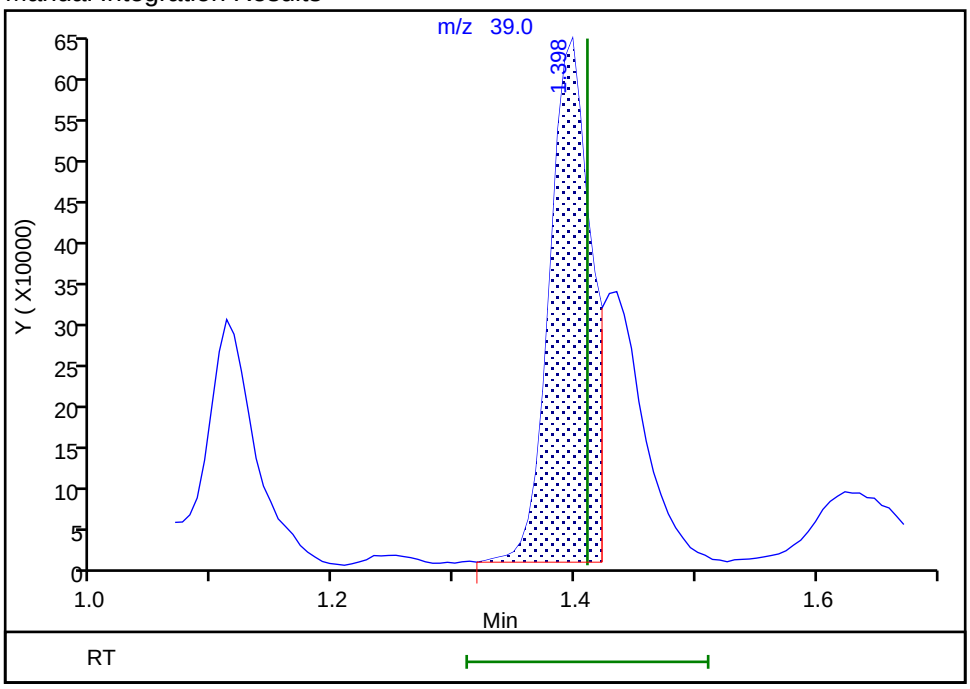
Not Detected
Expected RT: 1.41

Processing Integration Results



Manual Integration Results

RT: 1.40
Area: 1523793
Amount: 487.1247
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:47:18
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

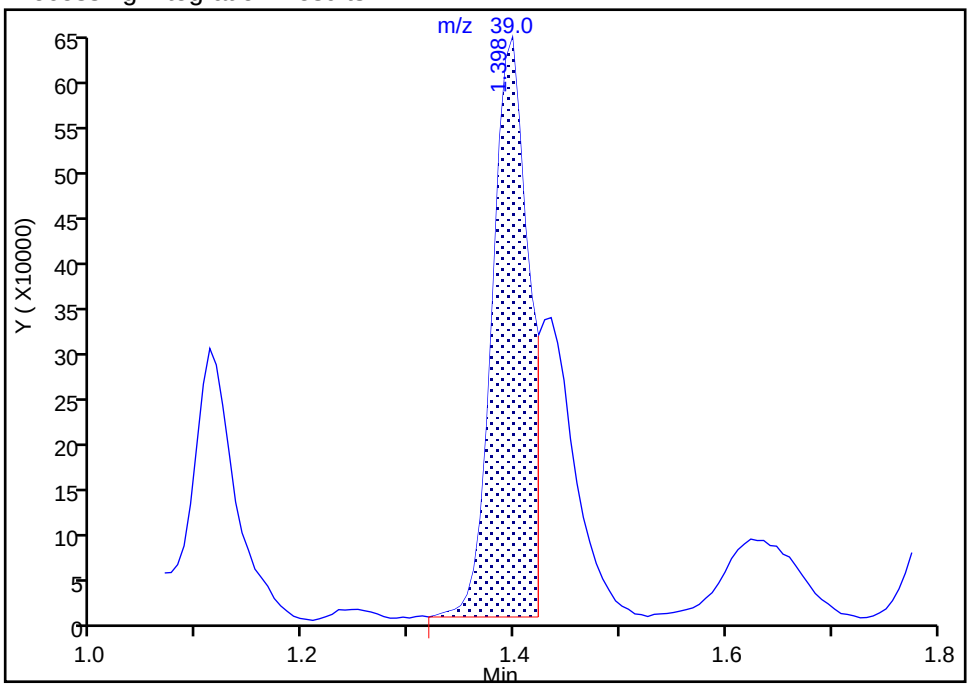
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

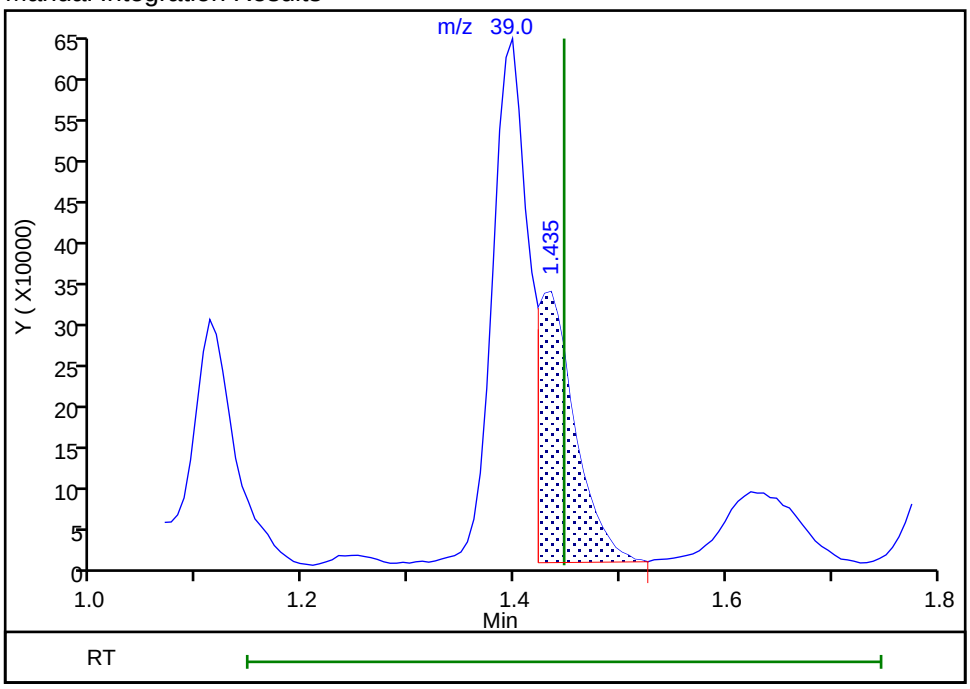
Processing Integration Results

RT: 1.40
Area: 1523793
Amount: 5005.5665
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 810155
Amount: 5190.9172
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:47:27
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

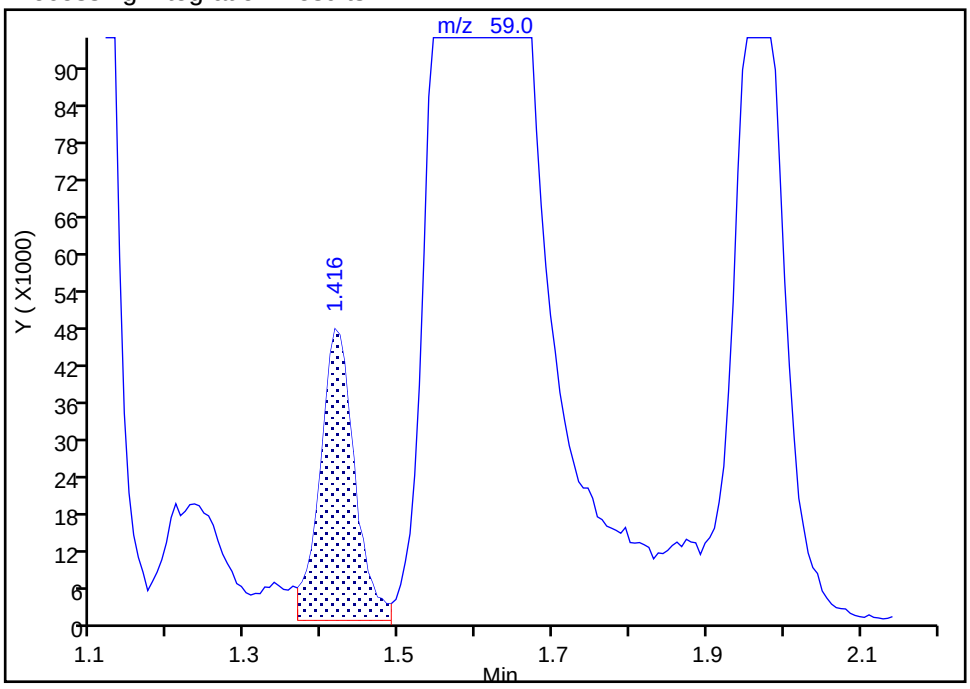
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

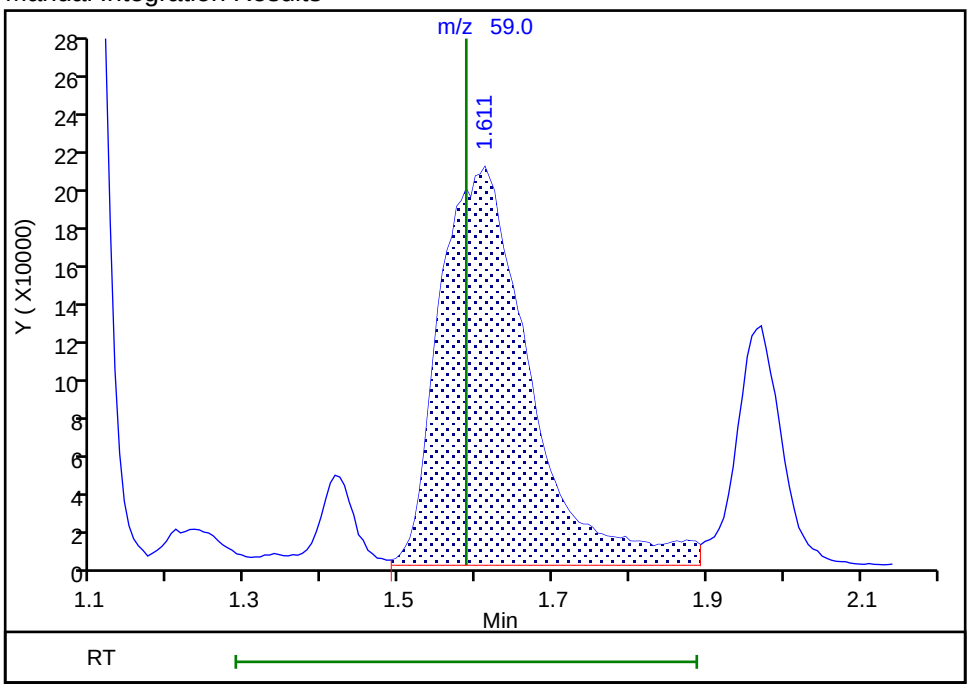
Processing Integration Results

RT: 1.42
Area: 147131
Amount: 534.9490
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 1710312
Amount: 5228.0185
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:47:32
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

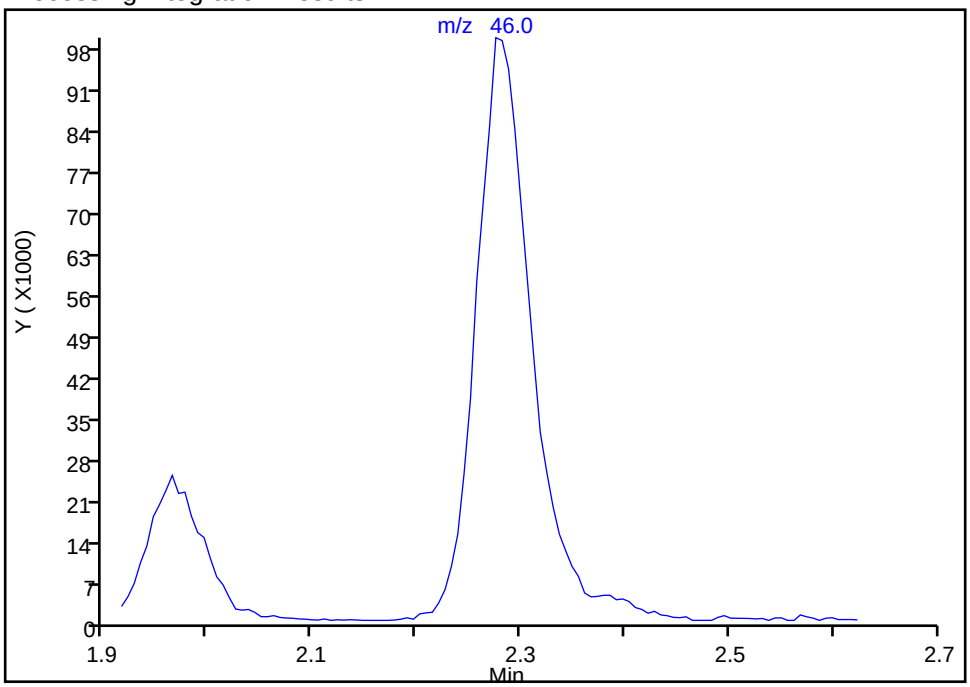
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

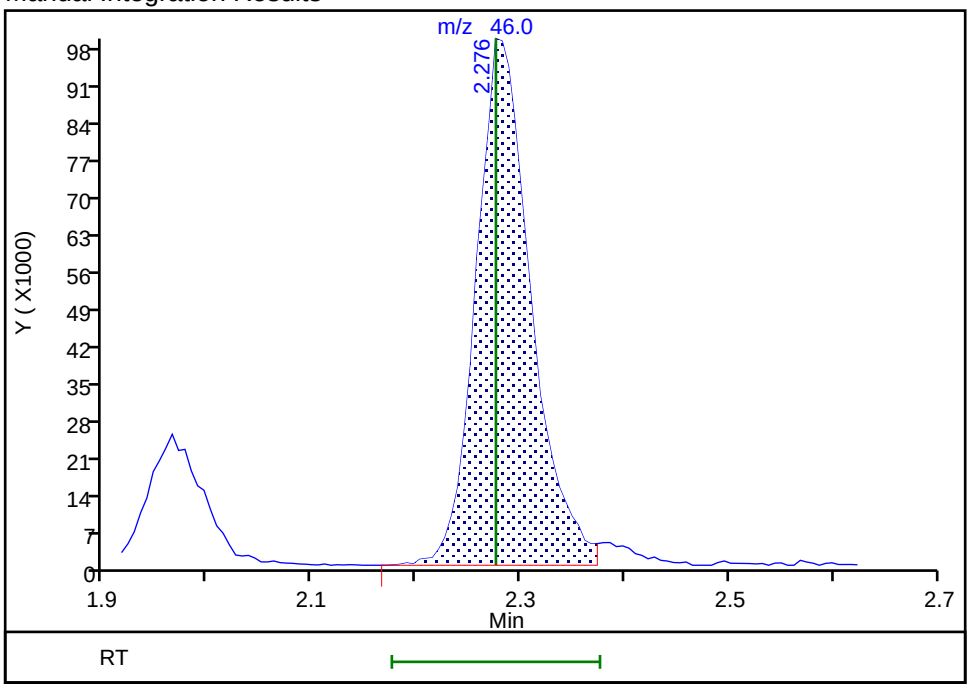
Not Detected
Expected RT: 2.28

Processing Integration Results



Manual Integration Results

RT: 2.28
Area: 362923
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:42:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

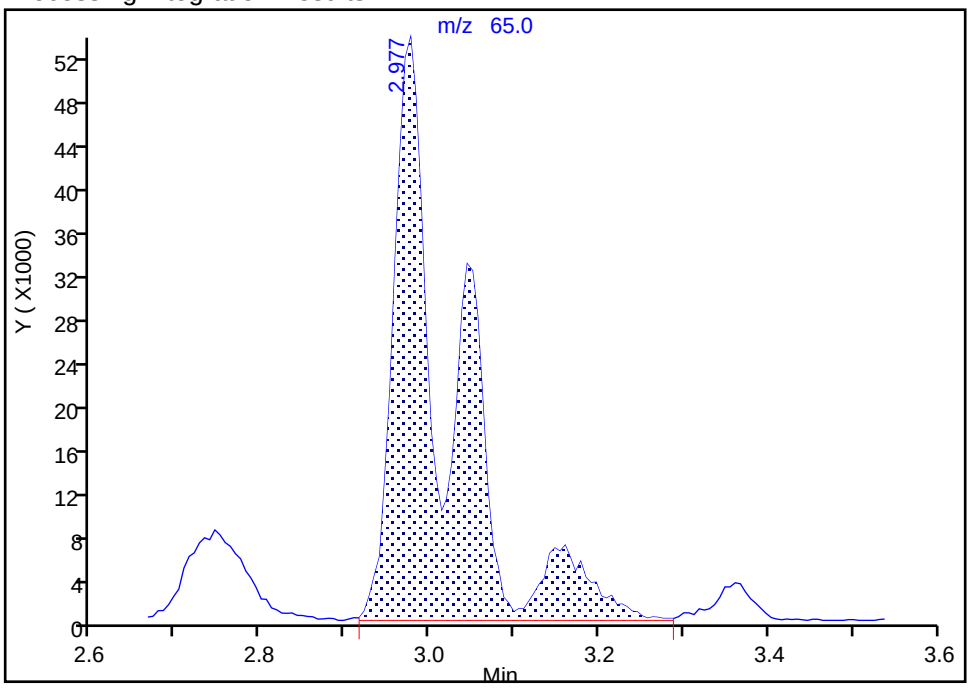
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Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

$ 55 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Signal: 1

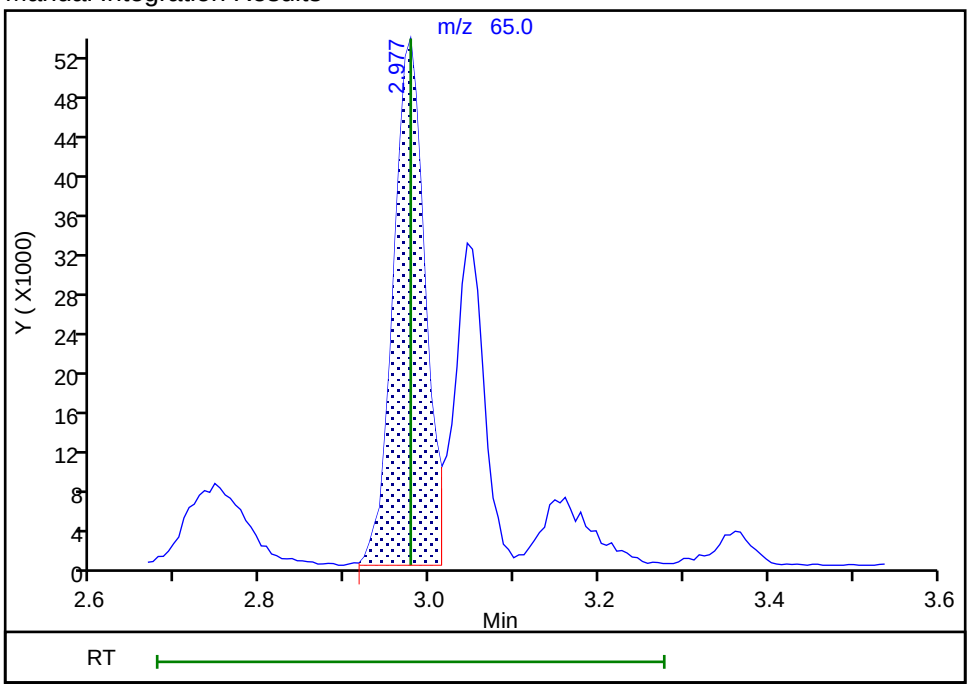
Processing Integration Results

RT: 2.98
Area: 247391
Amount: 72.420138
Amount Units: ug/l



Manual Integration Results

RT: 2.98
Area: 139681
Amount: 44.102044
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:45:28
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

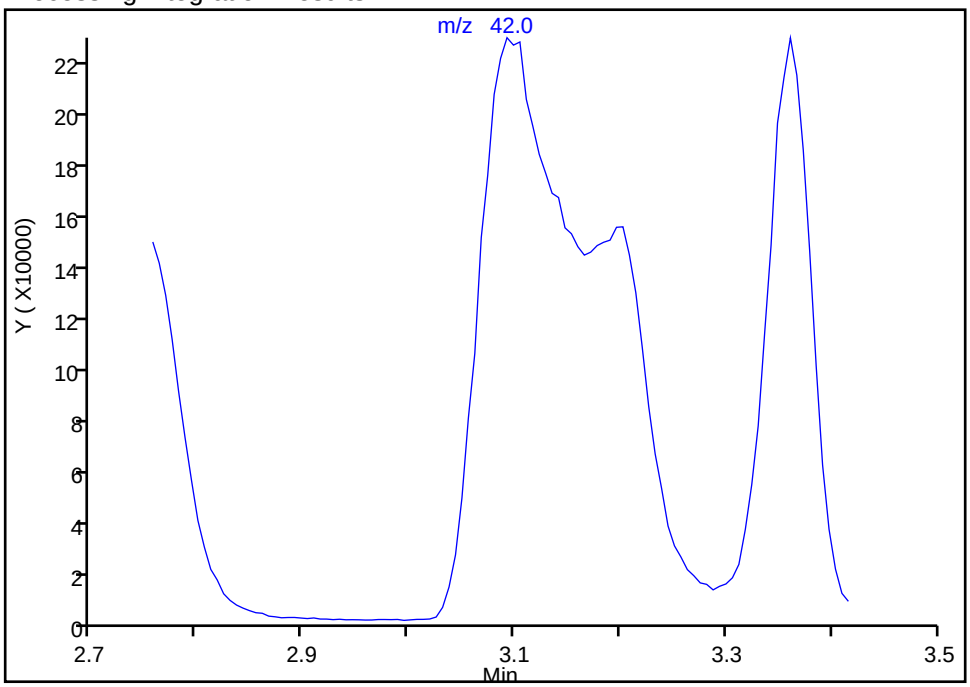
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Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

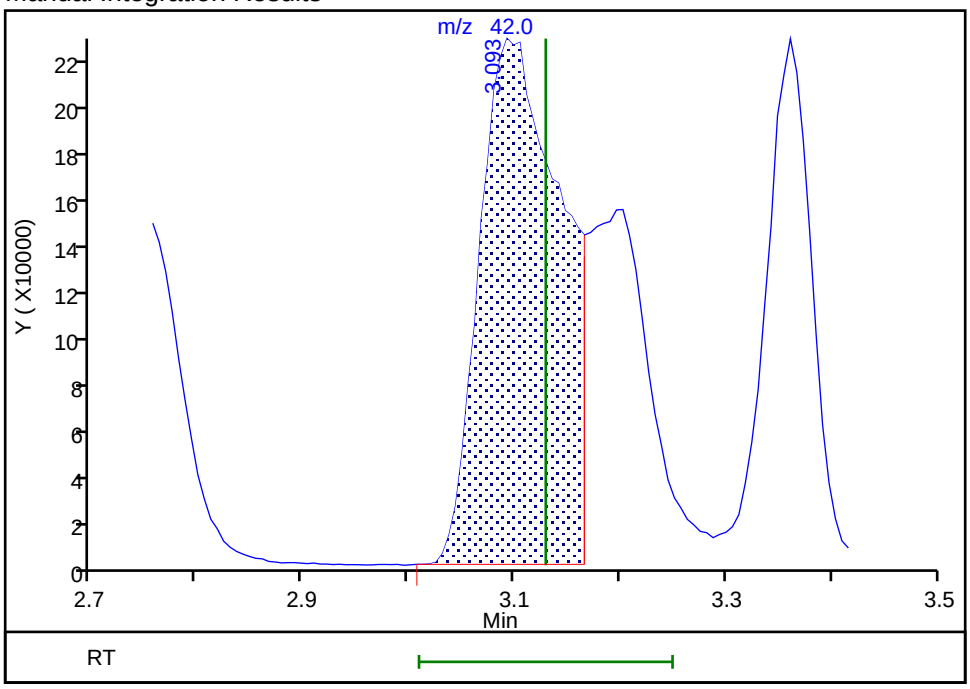
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.09
Area: 1229045
Amount: 12492
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:47:55
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

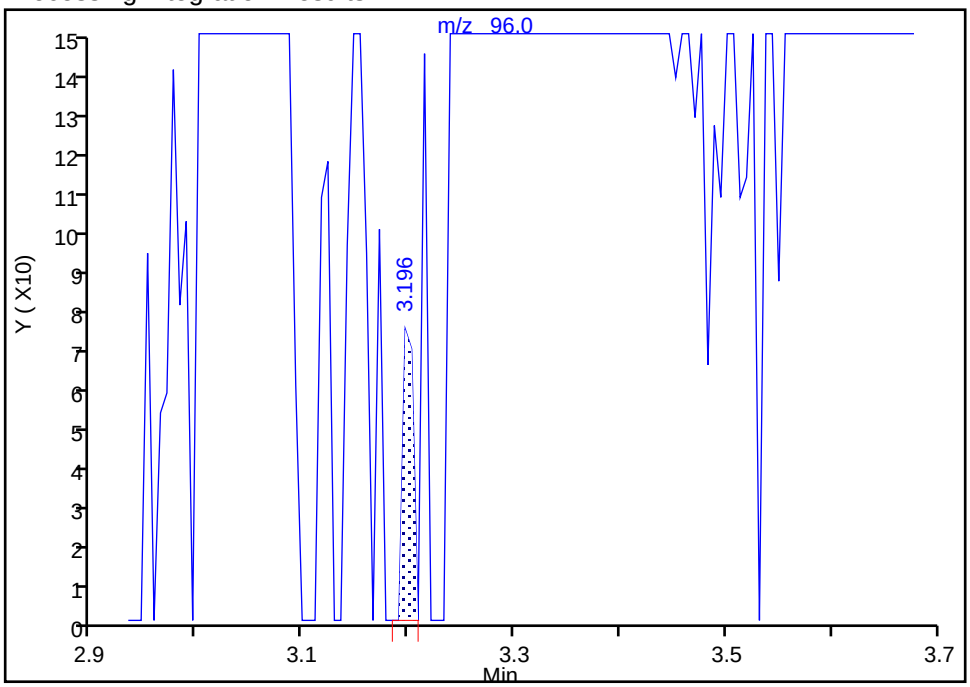
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Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

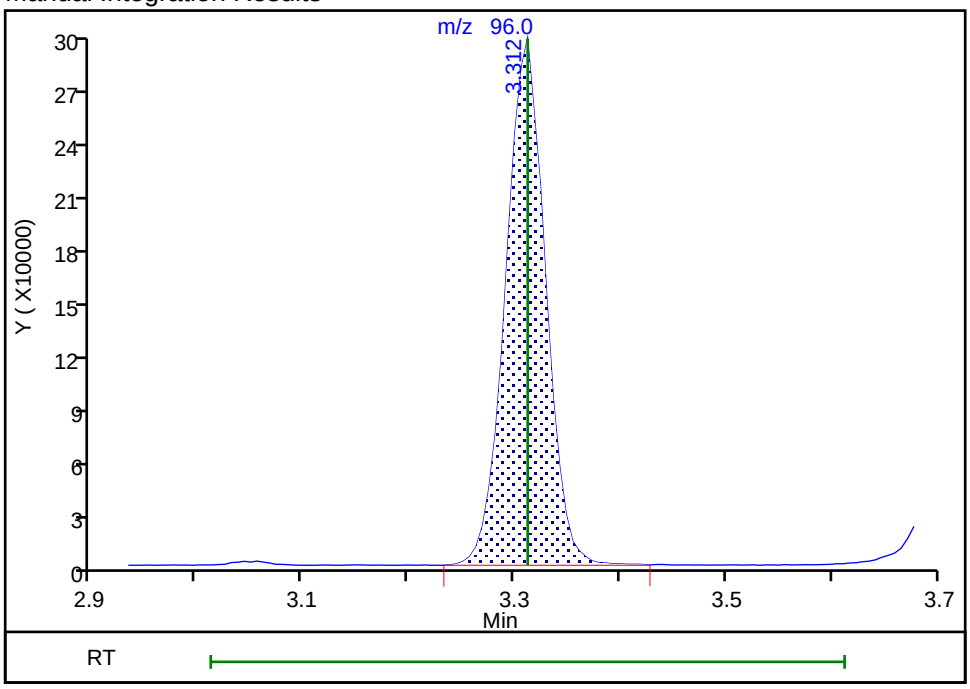
Processing Integration Results

RT: 3.20
Area: 52
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 760523
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:45:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

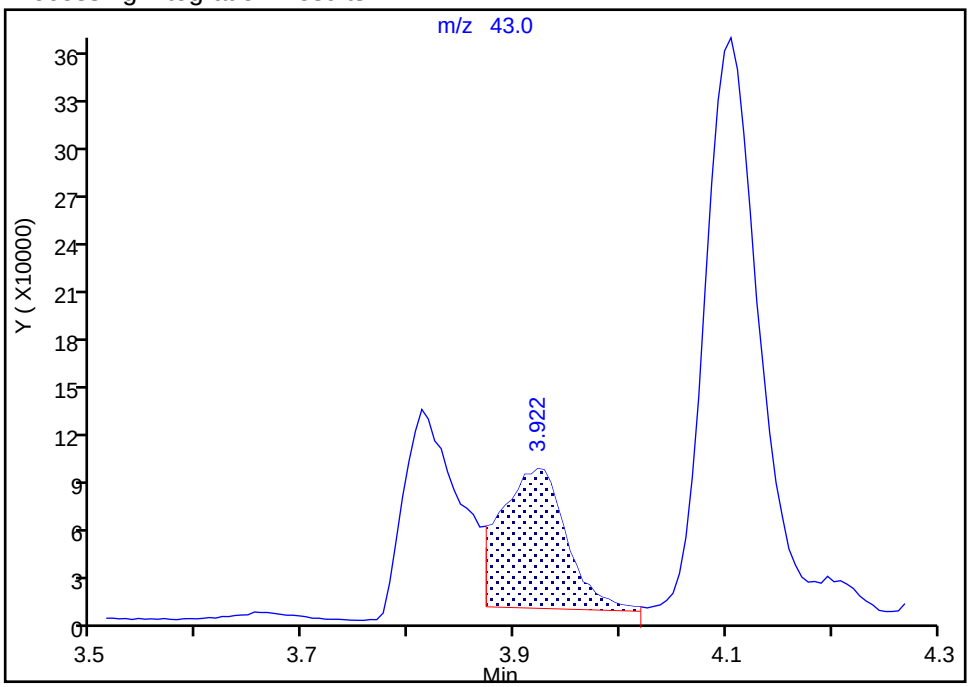
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

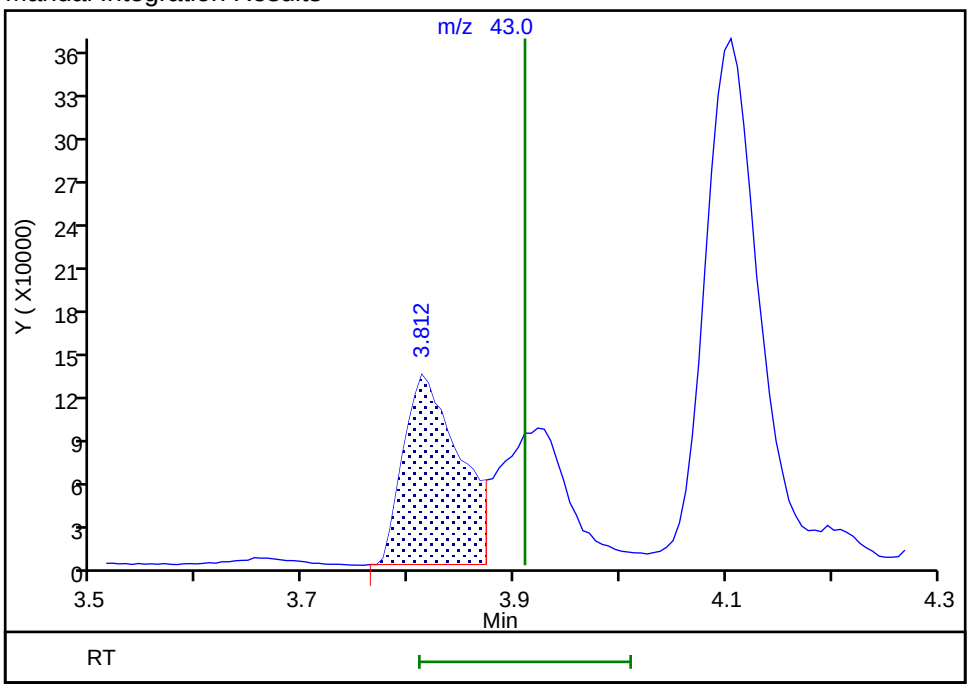
Processing Integration Results

RT: 3.92
Area: 385607
Amount: 12479
Amount Units: ug/l



Manual Integration Results

RT: 3.81
Area: 495942
Amount: 12493
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:48:09
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

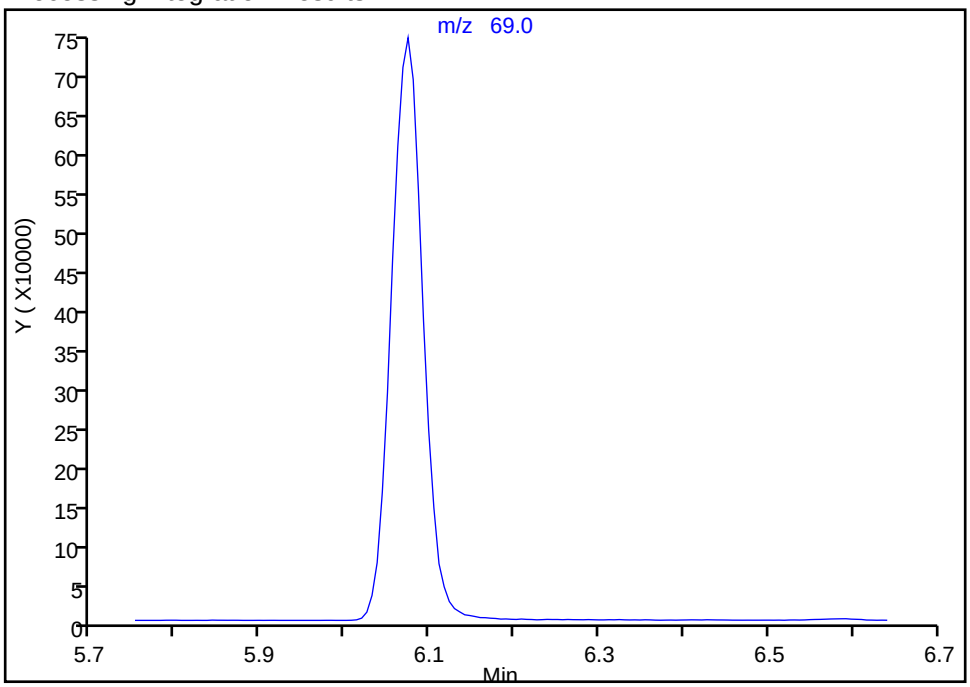
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

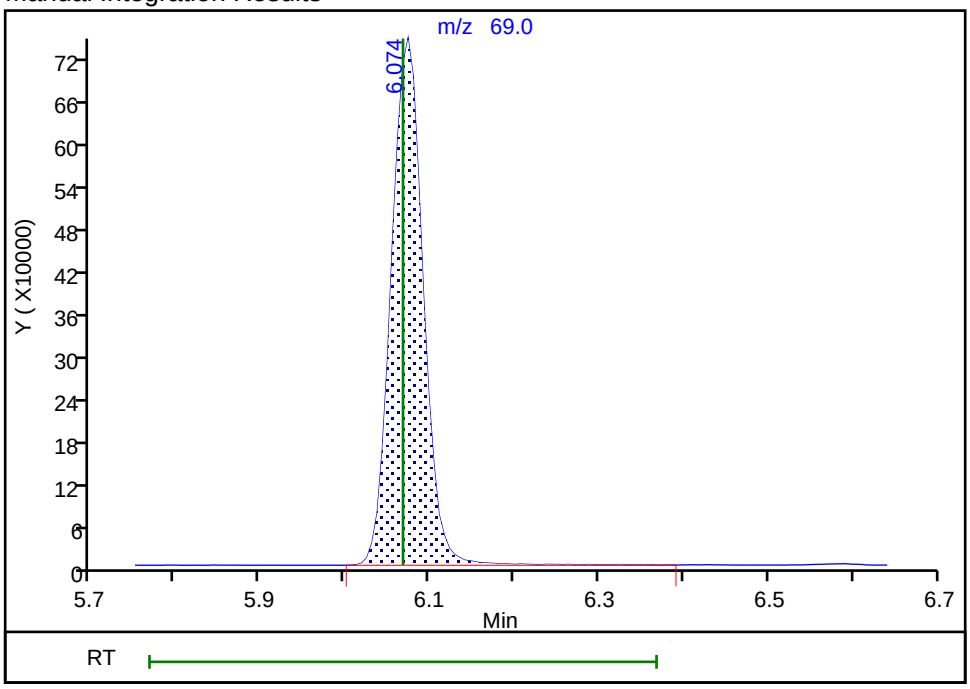
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.07
Area: 1954655
Amount: 485.7543
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:48:22
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

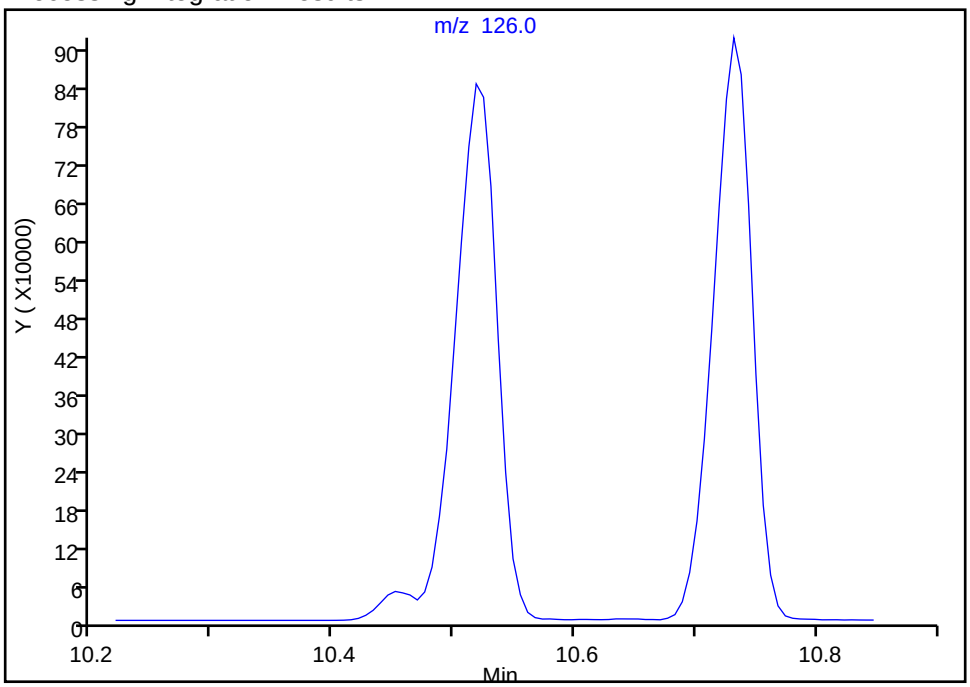
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

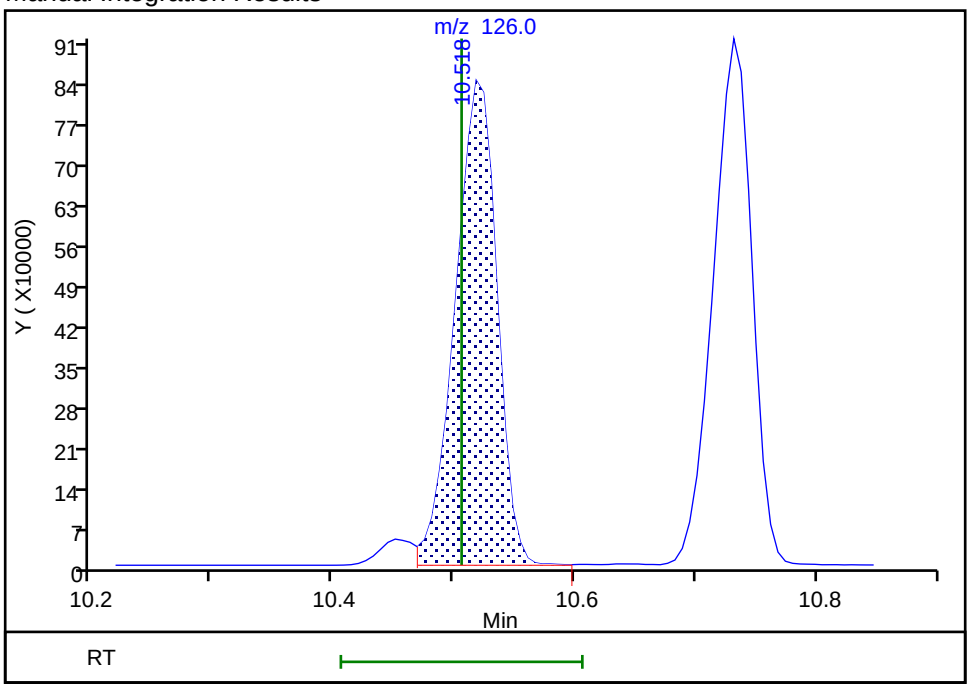
Not Detected
Expected RT: 10.51

Processing Integration Results



Manual Integration Results

RT: 10.52
Area: 2022443
Amount: 544.3563
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:48:34
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

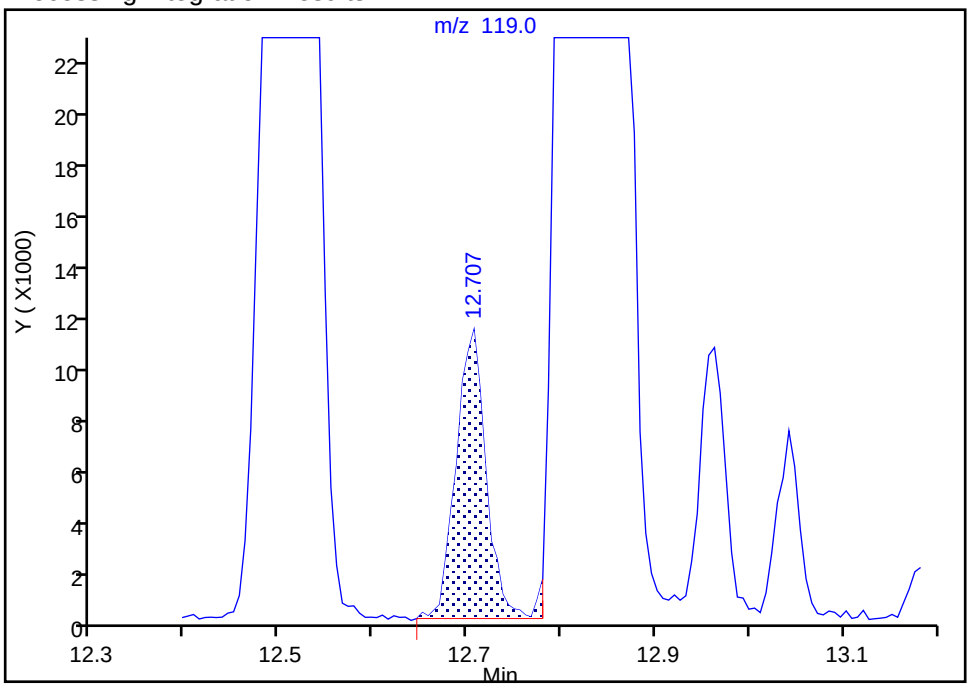
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D
Injection Date: 18-May-2022 14:38:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

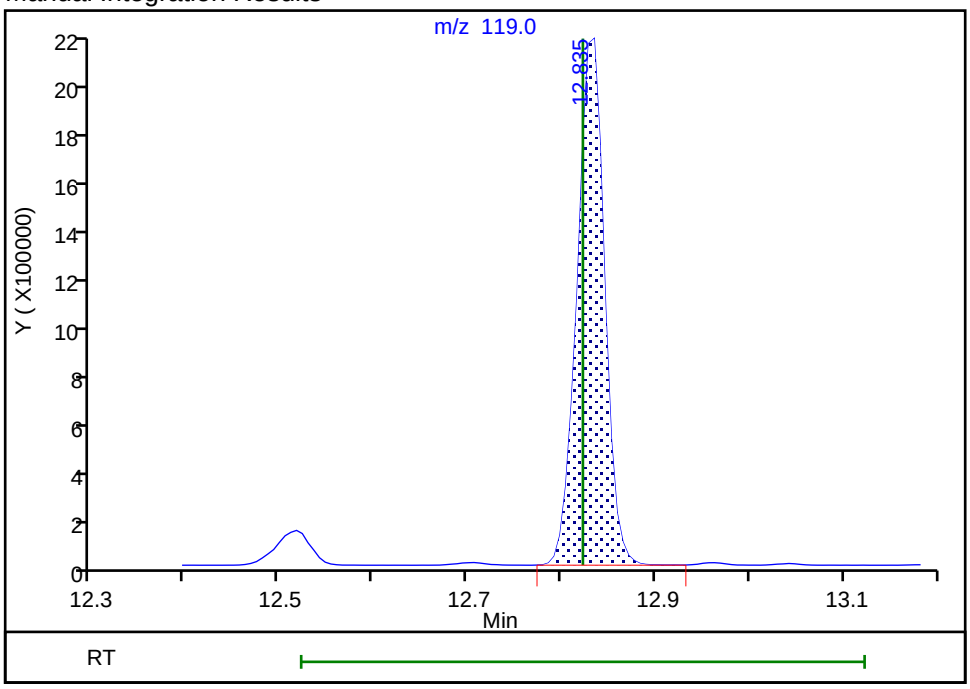
Processing Integration Results

RT: 12.71
Area: 25418
Amount: 4.297109
Amount Units: ug/l



Manual Integration Results

RT: 12.83
Area: 4439224
Amount: 600.9990
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 17:48:46
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

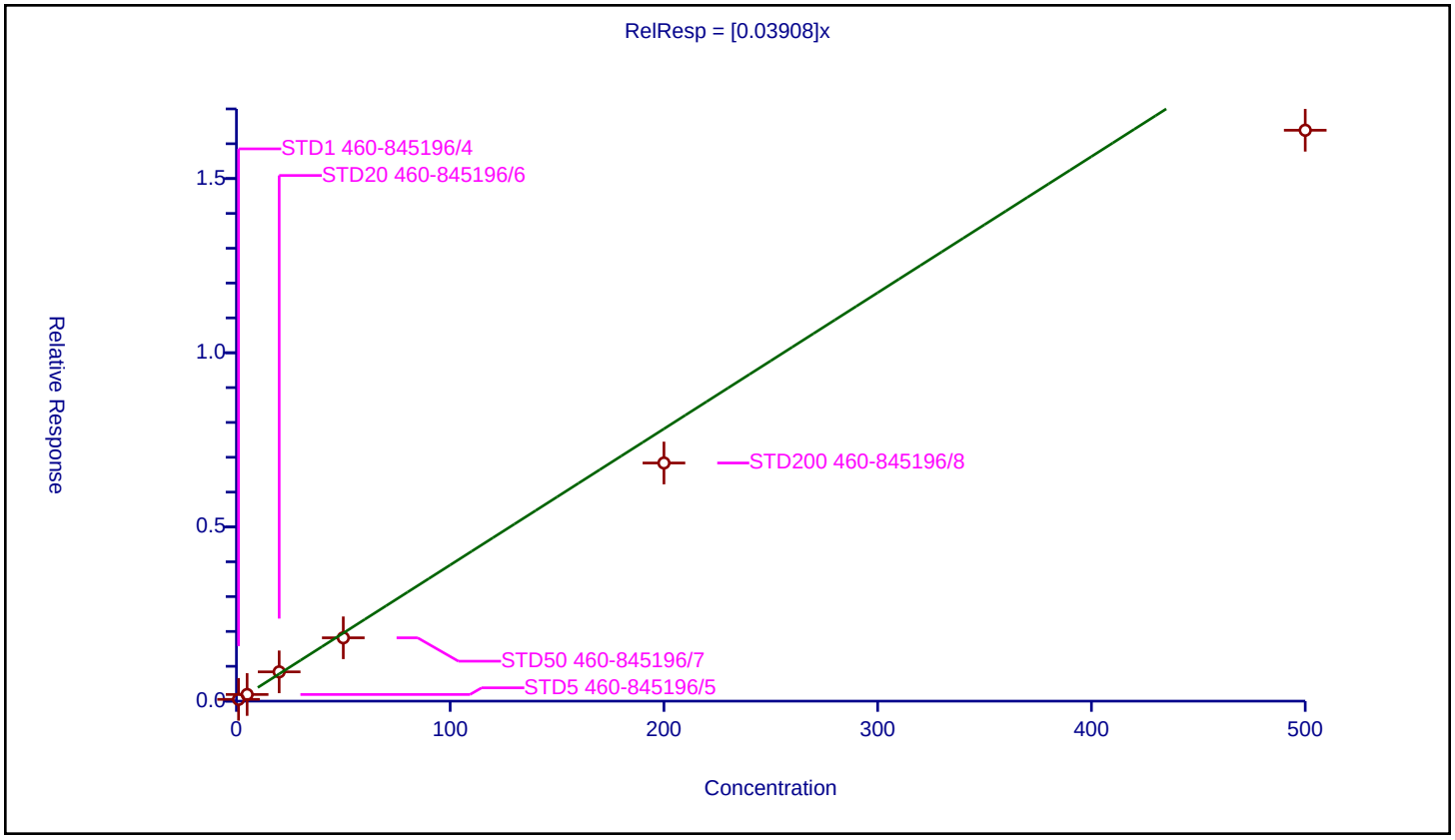
Curve Coefficients

Intercept:	0
Slope:	0.03908

Error Coefficients

Standard Error:	119000
Relative Standard Error:	17.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.050979	50.0	563953.0	0.050979	Y
2	STD5 460-845196/5	5.0	0.190745	50.0	537368.0	0.038149	Y
3	STD20 460-845196/6	20.0	0.840777	50.0	568641.0	0.042039	Y
4	STD50 460-845196/7	50.0	1.818357	50.0	628727.0	0.036367	Y
5	STD200 460-845196/8	200.0	6.835703	50.0	663092.0	0.034179	Y
6	STD500 460-845196/9	500.0	16.387144	50.0	760523.0	0.032774	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

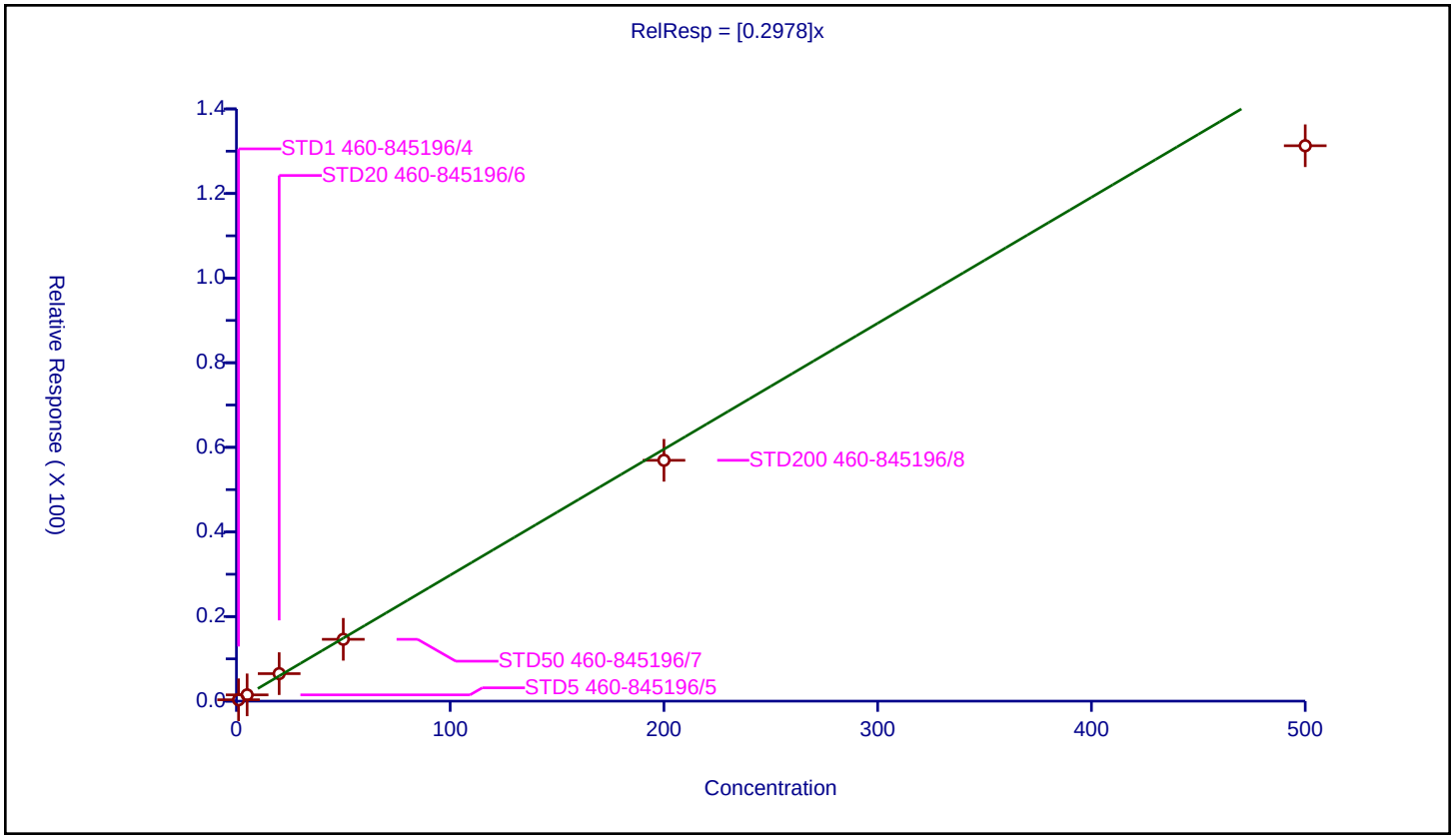
Curve Coefficients

Intercept:	0
Slope:	0.2978

Error Coefficients

Standard Error:	959000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.325648	50.0	563953.0	0.325648	Y
2	STD5 460-845196/5	5.0	1.481945	50.0	537368.0	0.296389	Y
3	STD20 460-845196/6	20.0	6.498037	50.0	568641.0	0.324902	Y
4	STD50 460-845196/7	50.0	14.616598	50.0	628727.0	0.292332	Y
5	STD200 460-845196/8	200.0	56.933578	50.0	663092.0	0.284668	Y
6	STD500 460-845196/9	500.0	131.293662	50.0	760523.0	0.262587	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

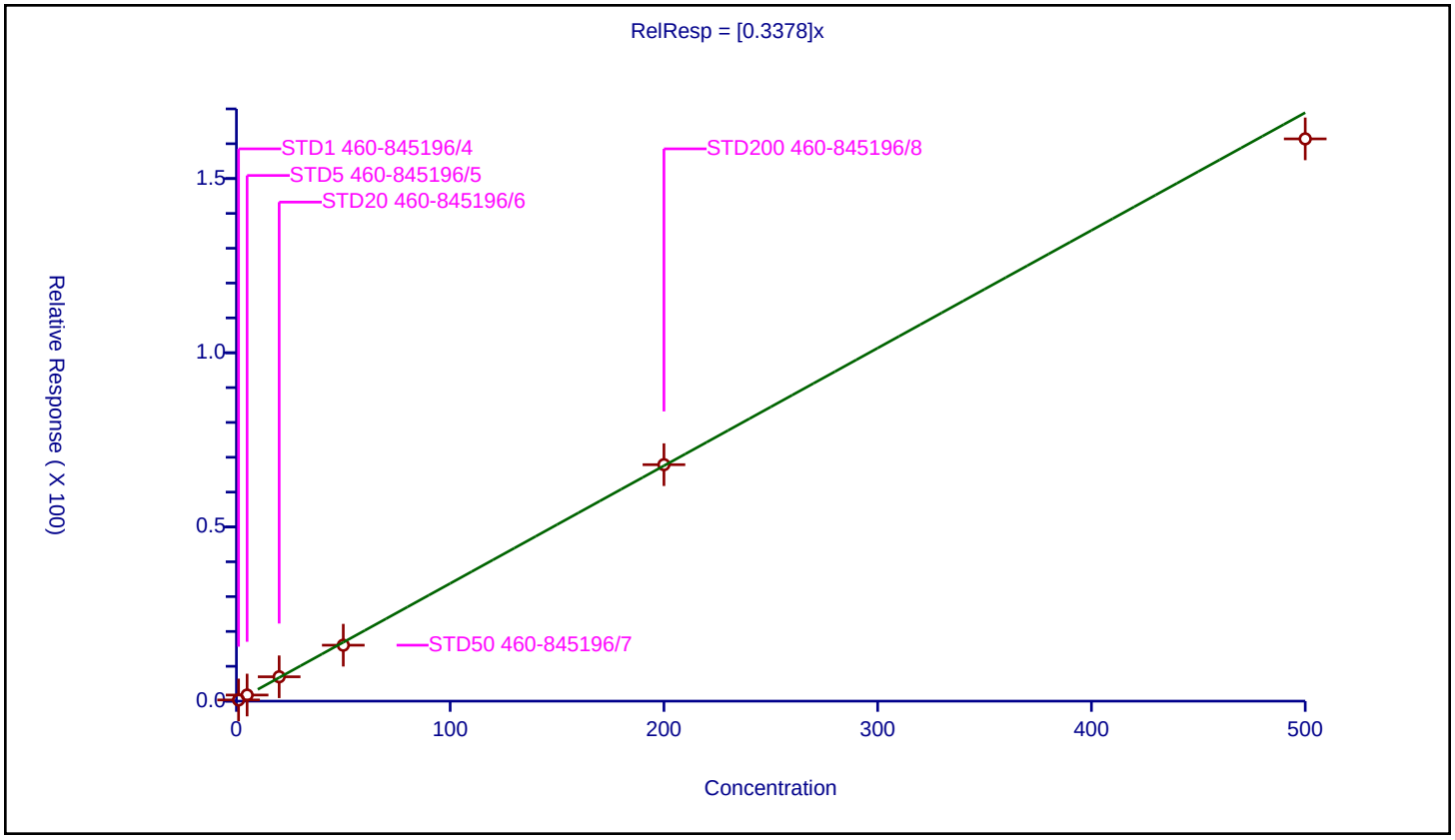
Curve Coefficients

Intercept:	0
Slope:	0.3378

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.342582	50.0	563953.0	0.342582	Y
2	STD5 460-845196/5	5.0	1.756897	50.0	537368.0	0.351379	Y
3	STD20 460-845196/6	20.0	6.994747	50.0	568641.0	0.349737	Y
4	STD50 460-845196/7	50.0	16.054822	50.0	628727.0	0.321096	Y
5	STD200 460-845196/8	200.0	67.879721	50.0	663092.0	0.339399	Y
6	STD500 460-845196/9	500.0	161.389991	50.0	760523.0	0.32278	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

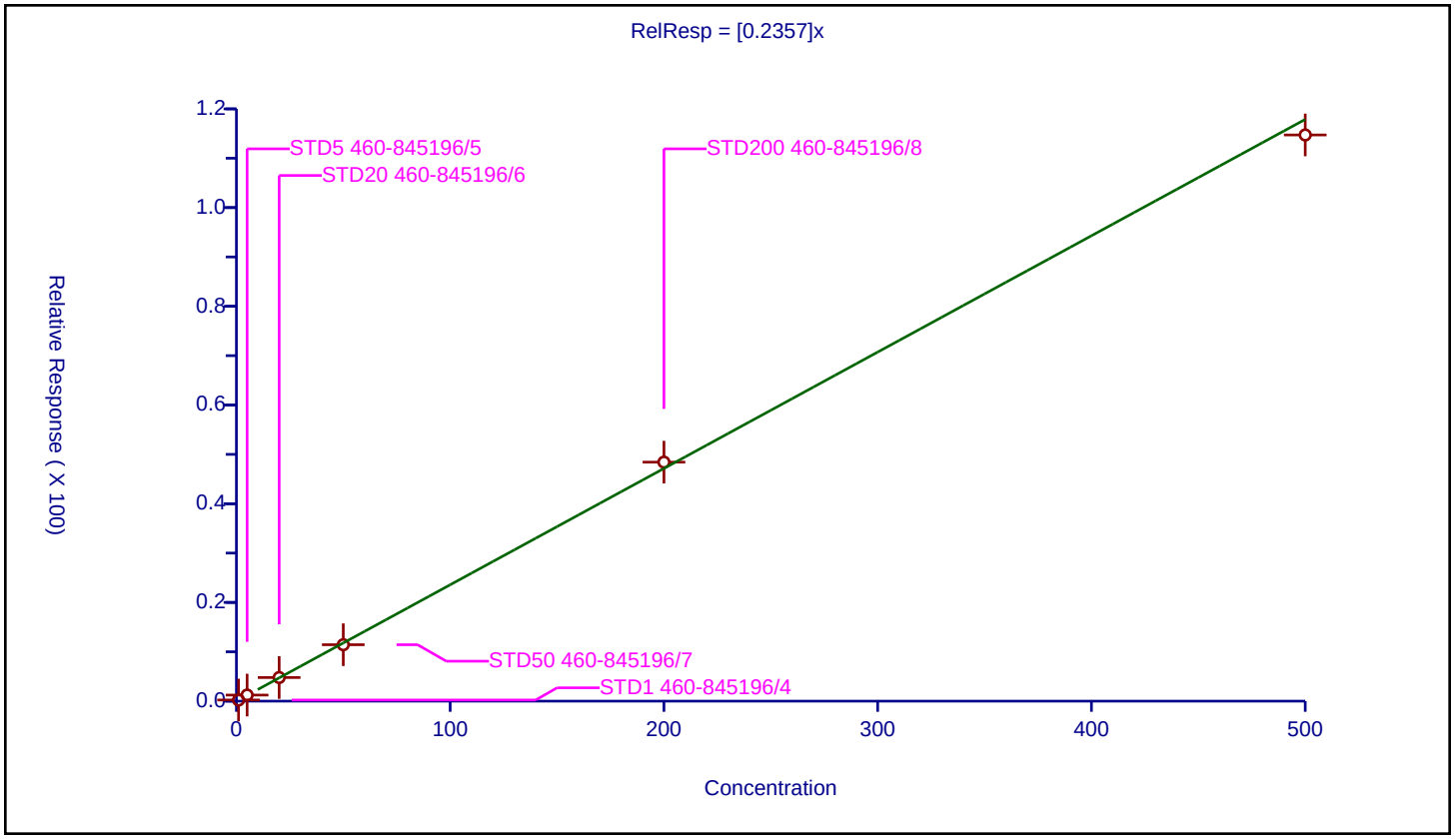
Curve Coefficients

Intercept:	0
Slope:	0.2357

Error Coefficients

Standard Error:	834000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.228211	50.0	563953.0	0.228211	Y
2	STD5 460-845196/5	5.0	1.234443	50.0	537368.0	0.246889	Y
3	STD20 460-845196/6	20.0	4.782895	50.0	568641.0	0.239145	Y
4	STD50 460-845196/7	50.0	11.432307	50.0	628727.0	0.228646	Y
5	STD200 460-845196/8	200.0	48.424879	50.0	663092.0	0.242124	Y
6	STD500 460-845196/9	500.0	114.7154	50.0	760523.0	0.229431	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

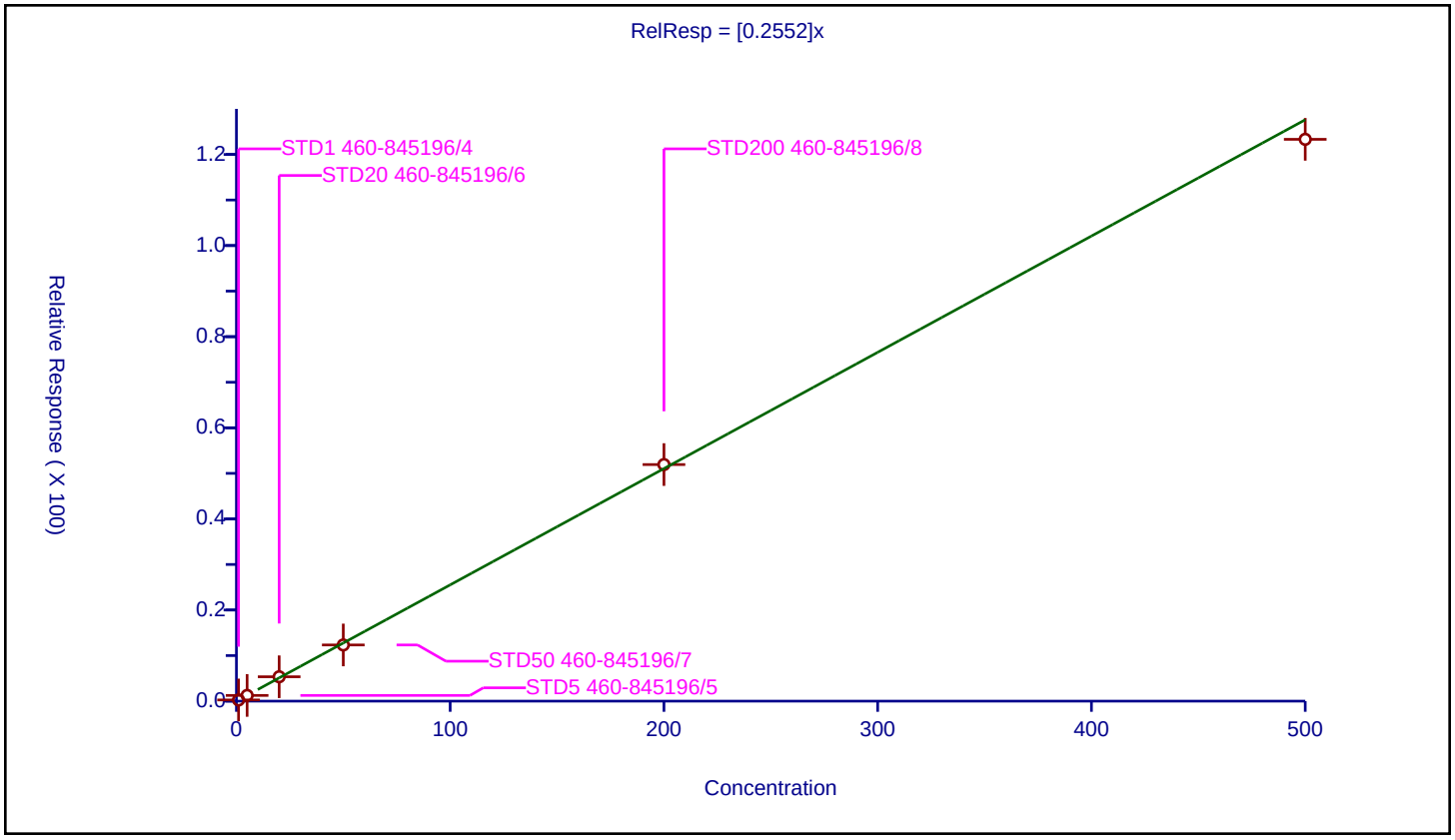
Curve Coefficients

Intercept:	0
Slope:	0.2552

Error Coefficients

Standard Error:	897000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.259951	50.0	563953.0	0.259951	Y
2	STD5 460-845196/5	5.0	1.254448	50.0	537368.0	0.25089	Y
3	STD20 460-845196/6	20.0	5.351091	50.0	568641.0	0.267555	Y
4	STD50 460-845196/7	50.0	12.332061	50.0	628727.0	0.246641	Y
5	STD200 460-845196/8	200.0	51.926731	50.0	663092.0	0.259634	Y
6	STD500 460-845196/9	500.0	123.319479	50.0	760523.0	0.246639	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

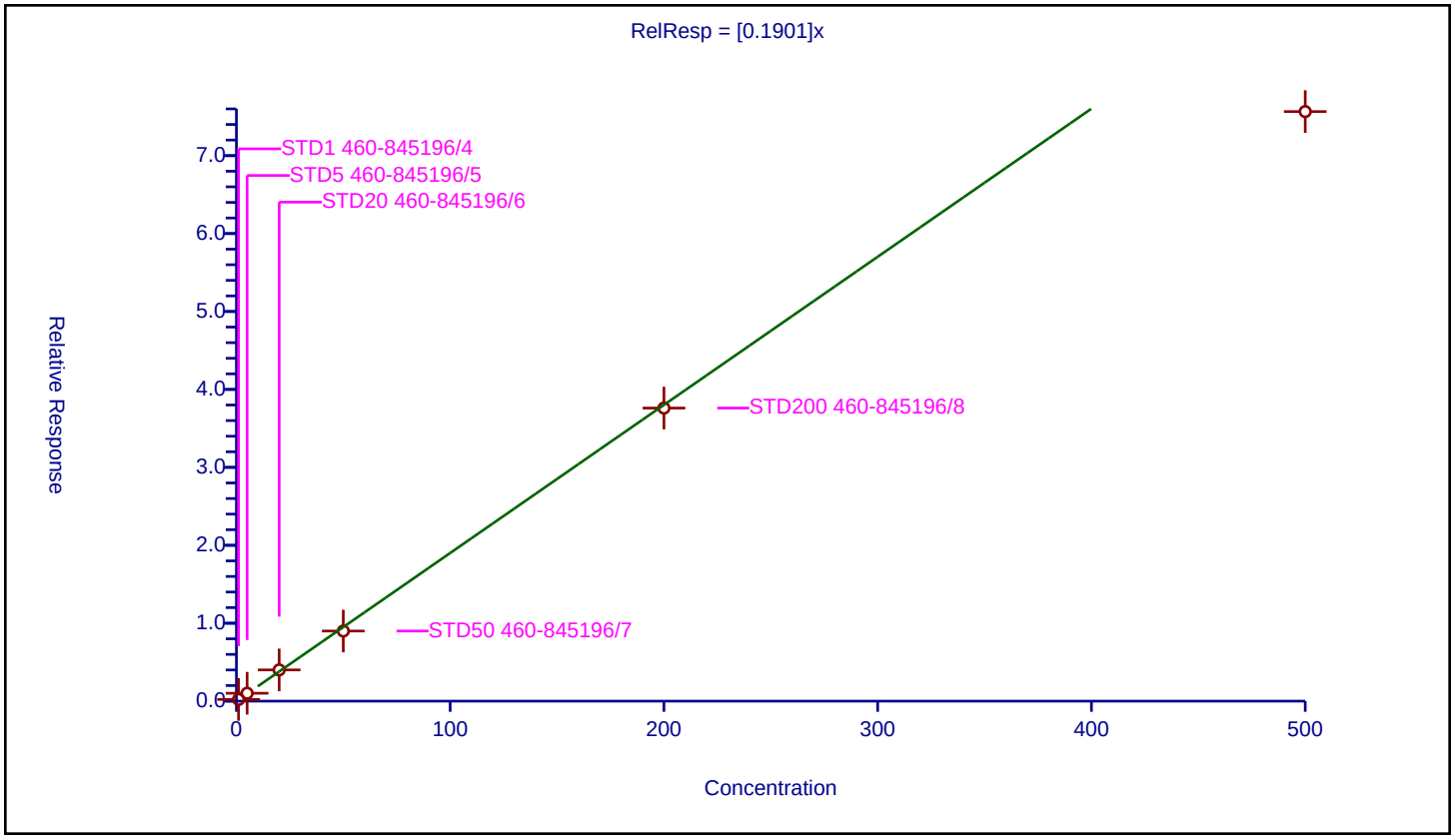
Curve Coefficients

Intercept:	0
Slope:	0.1901

Error Coefficients

Standard Error:	564000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.218192	50.0	563953.0	0.218192	Y
2	STD5 460-845196/5	5.0	1.013179	50.0	537368.0	0.202636	Y
3	STD20 460-845196/6	20.0	4.006482	50.0	568641.0	0.200324	Y
4	STD50 460-845196/7	50.0	8.996194	50.0	628727.0	0.179924	Y
5	STD200 460-845196/8	200.0	37.608054	50.0	663092.0	0.18804	Y
6	STD500 460-845196/9	500.0	75.65616	50.0	760523.0	0.151312	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

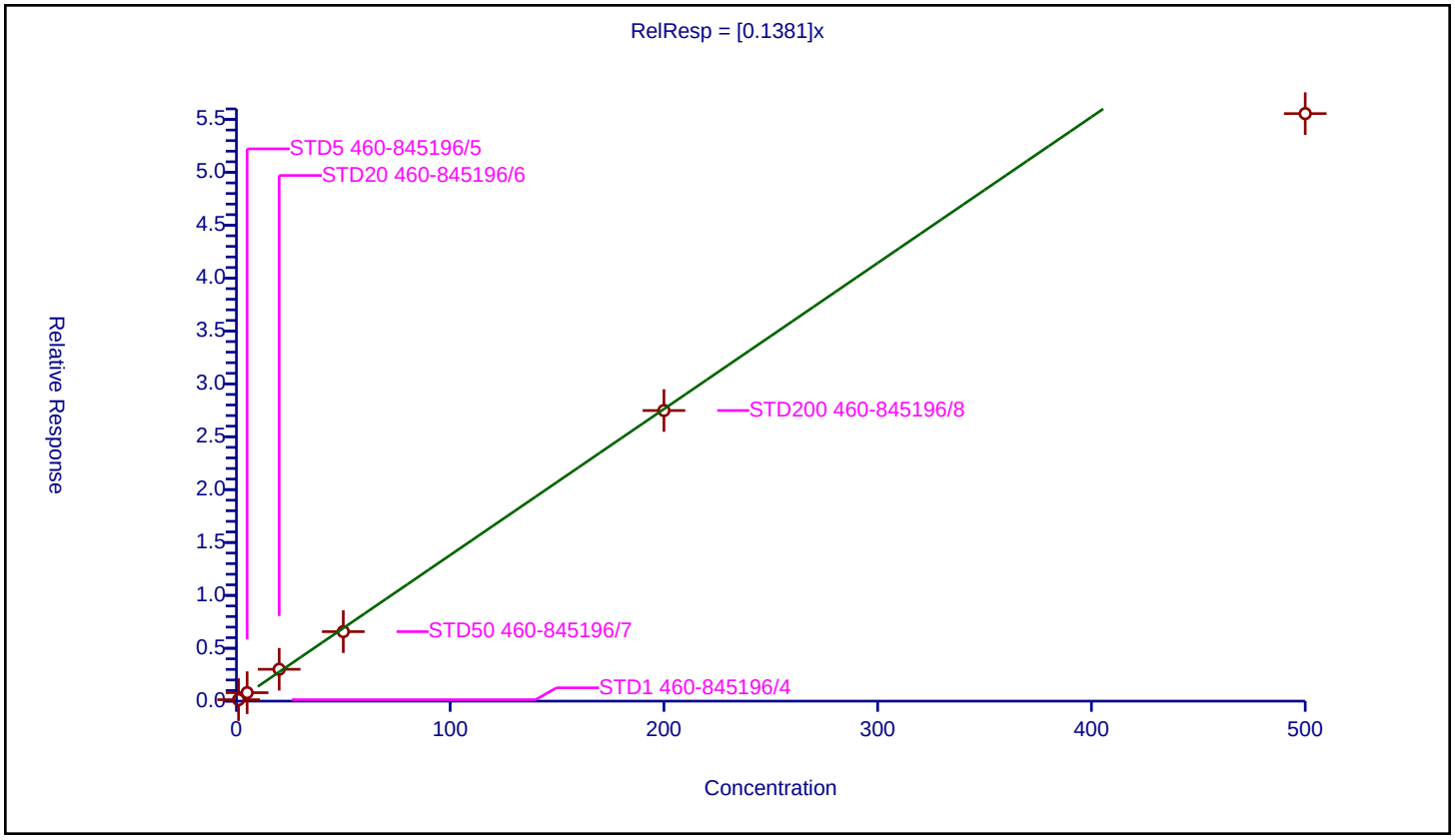
Curve Coefficients

Intercept:	0
Slope:	0.1381

Error Coefficients

Standard Error:	413000
Relative Standard Error:	12.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.137866	50.0	563953.0	0.137866	Y
2	STD5 460-845196/5	5.0	0.800197	50.0	537368.0	0.160039	Y
3	STD20 460-845196/6	20.0	3.014292	50.0	568641.0	0.150715	Y
4	STD50 460-845196/7	50.0	6.572726	50.0	628727.0	0.131455	Y
5	STD200 460-845196/8	200.0	27.479445	50.0	663092.0	0.137397	Y
6	STD500 460-845196/9	500.0	55.554664	50.0	760523.0	0.111109	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

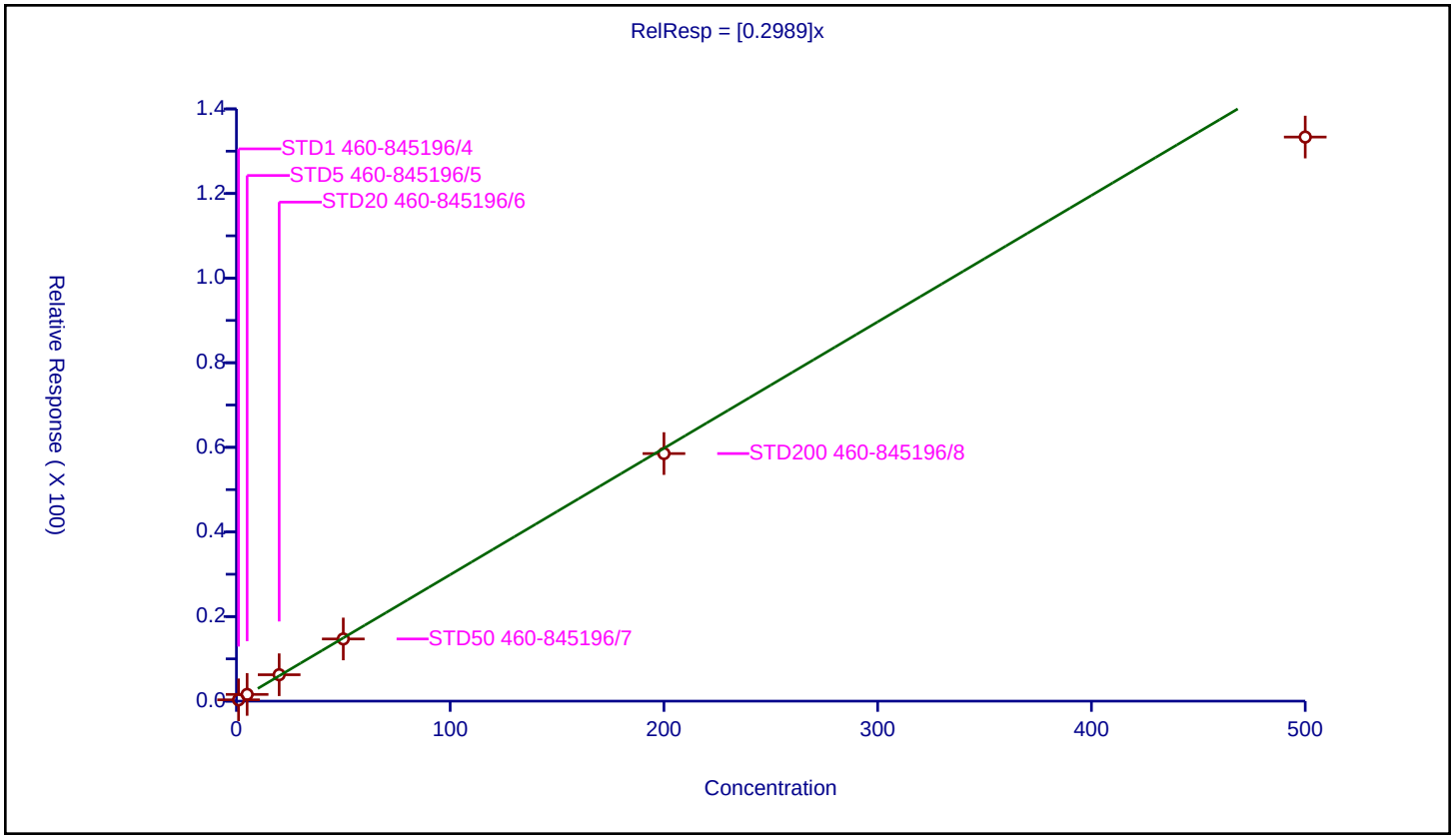
Curve Coefficients

Intercept:	0
Slope:	0.2989

Error Coefficients

Standard Error:	975000
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	STD1 460-845196/4	1.0	0.309866	50.0	563953.0	0.309866	Y
2	STD5 460-845196/5	5.0	1.589227	50.0	537368.0	0.317845	Y
3	STD20 460-845196/6	20.0	6.243746	50.0	568641.0	0.312187	Y
4	STD50 460-845196/7	50.0	14.69851	50.0	628727.0	0.29397	Y
5	STD200 460-845196/8	200.0	58.525514	50.0	663092.0	0.292628	Y
6	STD500 460-845196/9	500.0	133.343896	50.0	760523.0	0.266688	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

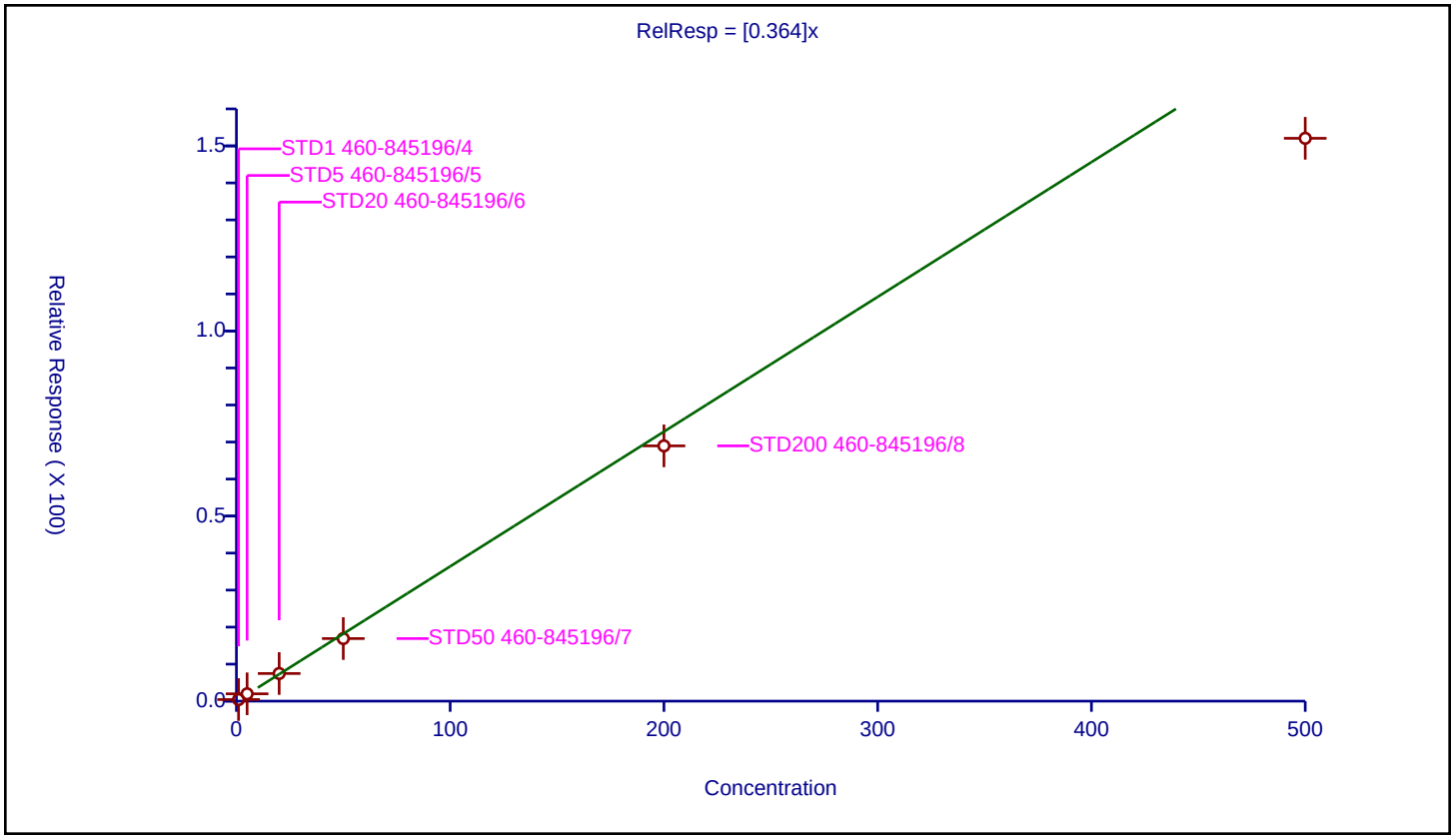
Curve Coefficients

Intercept:	0
Slope:	0.364

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.427695	50.0	563953.0	0.427695	Y
2	STD5 460-845196/5	5.0	1.980672	50.0	537368.0	0.396134	Y
3	STD20 460-845196/6	20.0	7.467277	50.0	568641.0	0.373364	Y
4	STD50 460-845196/7	50.0	16.90543	50.0	628727.0	0.338109	Y
5	STD200 460-845196/8	200.0	68.962979	50.0	663092.0	0.344815	Y
6	STD500 460-845196/9	500.0	152.052798	50.0	760523.0	0.304106	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

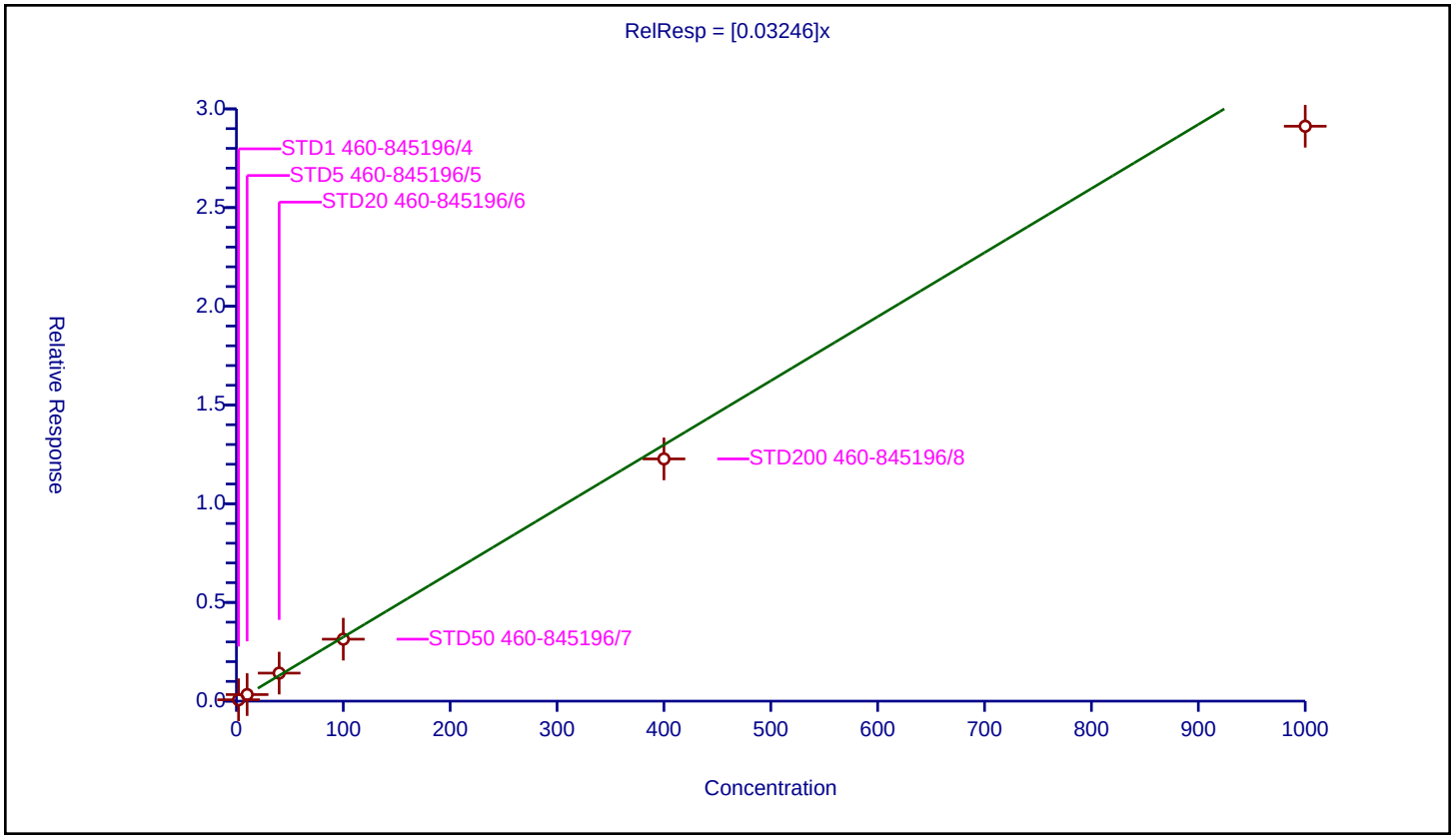
Curve Coefficients

Intercept:	0
Slope:	0.03246

Error Coefficients

Standard Error:	212000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	2.0	0.069775	50.0	563953.0	0.034888	Y
2	STD5 460-845196/5	10.0	0.331895	50.0	537368.0	0.03319	Y
3	STD20 460-845196/6	40.0	1.419349	50.0	568641.0	0.035484	Y
4	STD50 460-845196/7	100.0	3.138564	50.0	628727.0	0.031386	Y
5	STD200 460-845196/8	400.0	12.269866	50.0	663092.0	0.030675	Y
6	STD500 460-845196/9	1000.0	29.122328	50.0	760523.0	0.029122	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

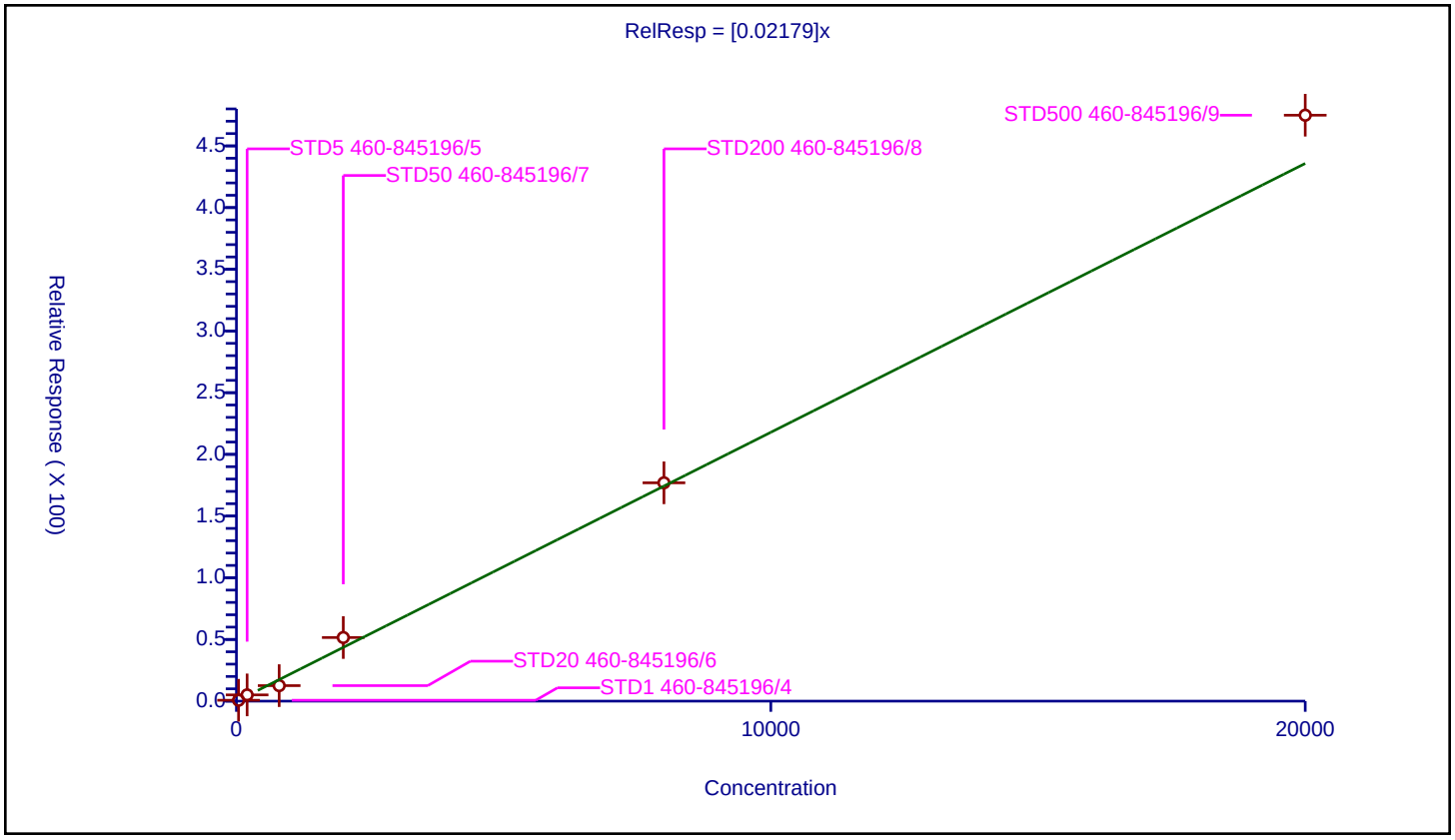
Curve Coefficients

Intercept:	0
Slope:	0.02179

Error Coefficients

Standard Error:	76500
Relative Standard Error:	18.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	40.0	0.724381	1000.0	259532.0	0.01811	Y
2	STD5 460-845196/5	200.0	5.052942	1000.0	285972.0	0.025265	Y
3	STD20 460-845196/6	800.0	12.571994	1000.0	311486.0	0.015715	Y
4	STD50 460-845196/7	2000.0	51.550832	1000.0	267018.0	0.025775	Y
5	STD200 460-845196/8	8000.0	176.952776	1000.0	317548.0	0.022119	Y
6	STD500 460-845196/9	20000.0	474.87995	1000.0	340067.0	0.023744	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

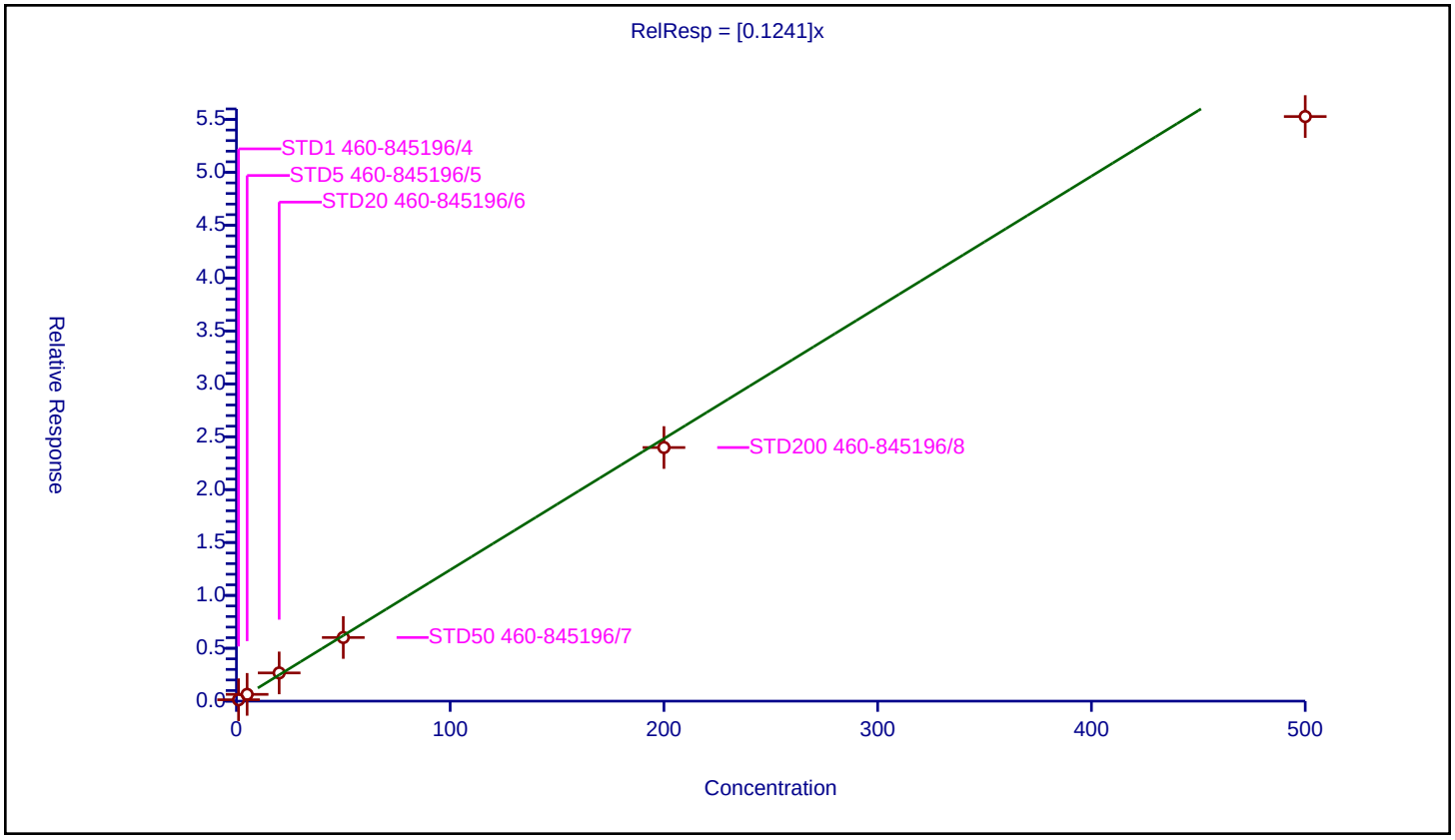
Curve Coefficients

Intercept:	0
Slope:	0.1241

Error Coefficients

Standard Error:	404000
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	STD1 460-845196/4	1.0	0.132103	50.0	563953.0	0.132103	Y
2	STD5 460-845196/5	5.0	0.641367	50.0	537368.0	0.128273	Y
3	STD20 460-845196/6	20.0	2.668204	50.0	568641.0	0.13341	Y
4	STD50 460-845196/7	50.0	6.016443	50.0	628727.0	0.120329	Y
5	STD200 460-845196/8	200.0	23.980458	50.0	663092.0	0.119902	Y
6	STD500 460-845196/9	500.0	55.277026	50.0	760523.0	0.110554	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

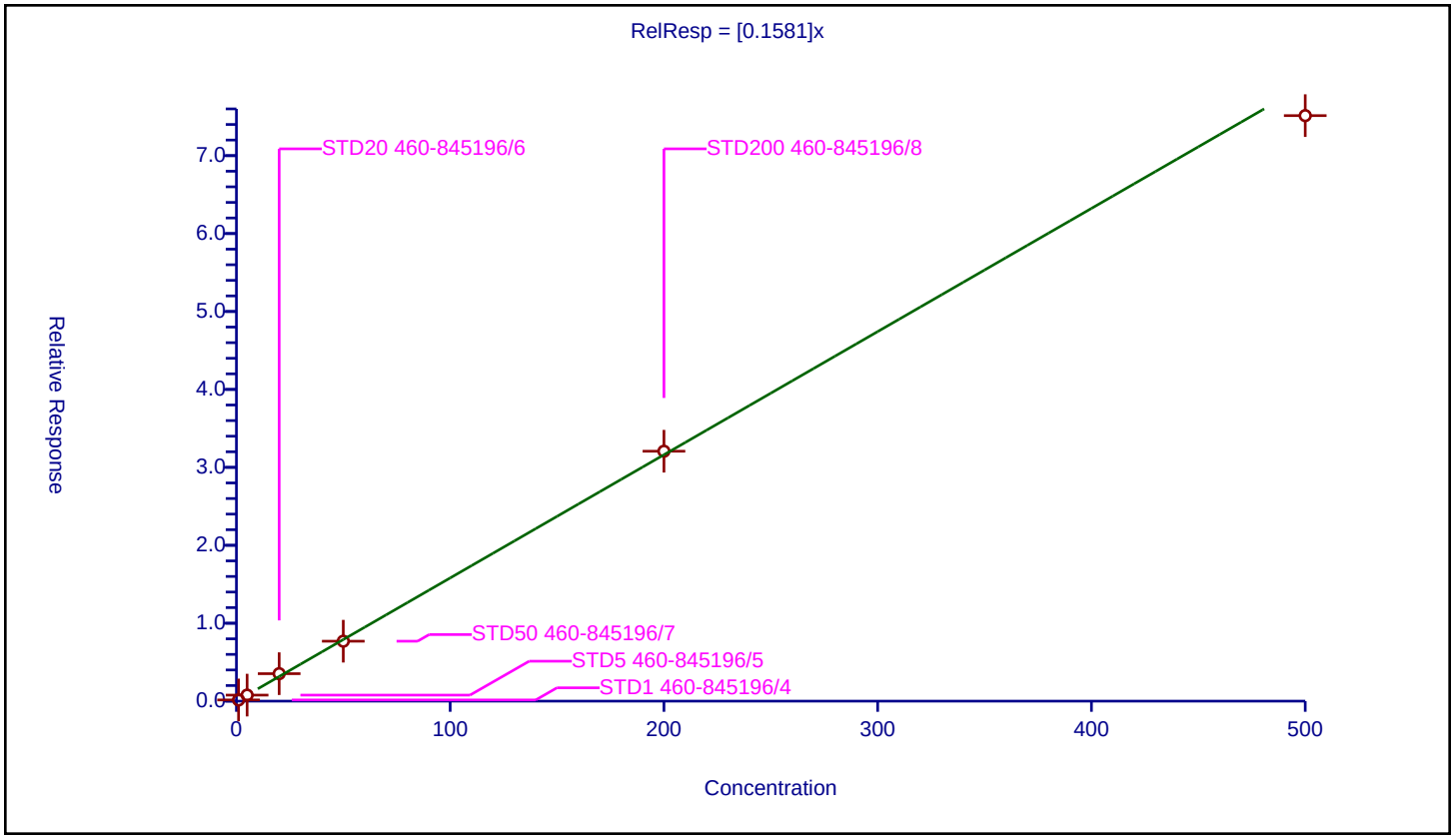
Curve Coefficients

Intercept:	0
Slope:	0.1581

Error Coefficients

Standard Error:	547000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.153116	50.0	563953.0	0.153116	Y
2	STD5 460-845196/5	5.0	0.773306	50.0	537368.0	0.154661	Y
3	STD20 460-845196/6	20.0	3.52384	50.0	568641.0	0.176192	Y
4	STD50 460-845196/7	50.0	7.692766	50.0	628727.0	0.153855	Y
5	STD200 460-845196/8	200.0	32.069607	50.0	663092.0	0.160348	Y
6	STD500 460-845196/9	500.0	75.134283	50.0	760523.0	0.150269	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

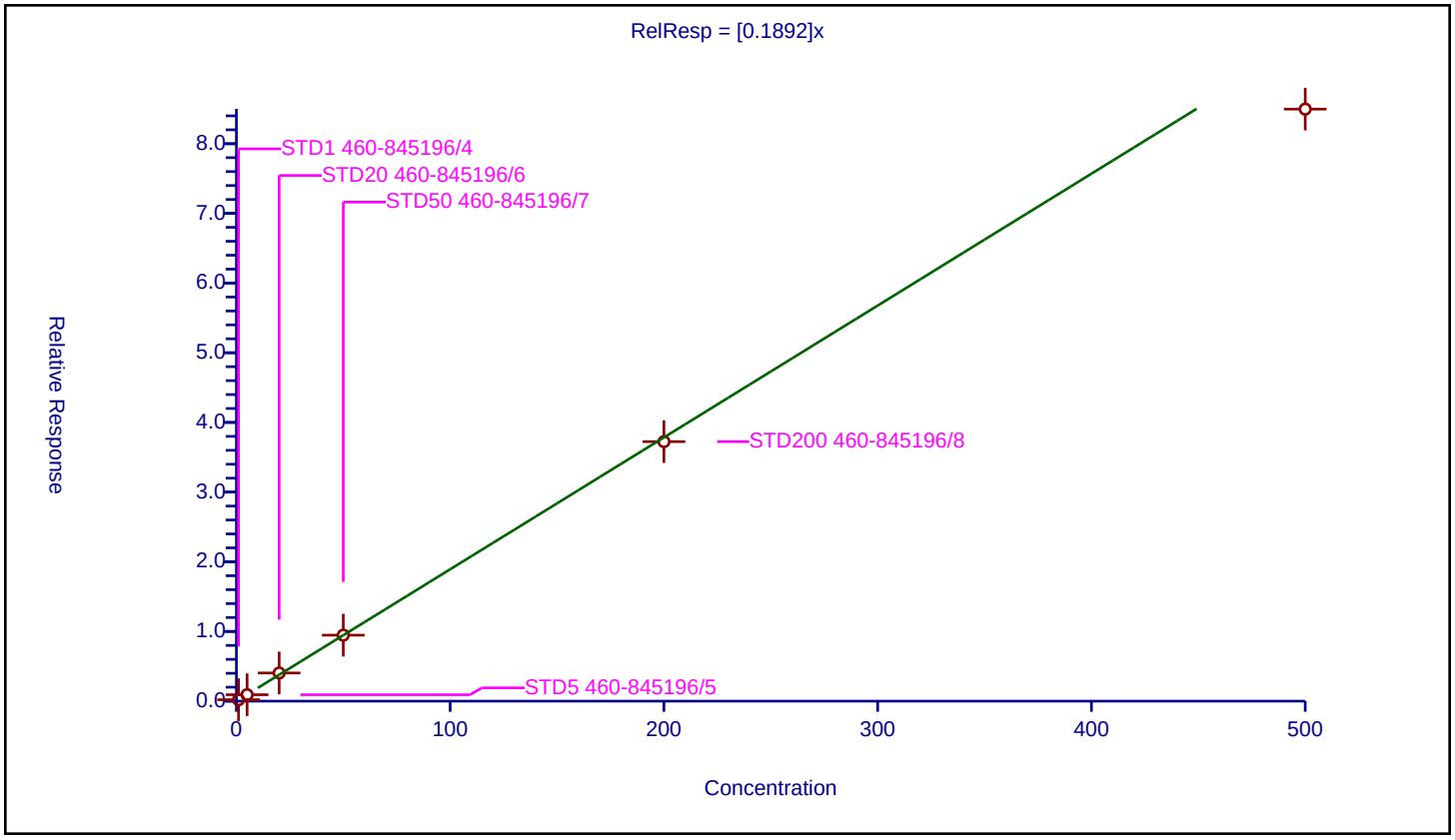
Curve Coefficients

Intercept:	0
Slope:	0.1892

Error Coefficients

Standard Error:	621000
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	STD1 460-845196/4	1.0	0.20312	50.0	563953.0	0.20312	Y
2	STD5 460-845196/5	5.0	0.922738	50.0	537368.0	0.184548	Y
3	STD20 460-845196/6	20.0	4.043852	50.0	568641.0	0.202193	Y
4	STD50 460-845196/7	50.0	9.470963	50.0	628727.0	0.189419	Y
5	STD200 460-845196/8	200.0	37.245058	50.0	663092.0	0.186225	Y
6	STD500 460-845196/9	500.0	84.965543	50.0	760523.0	0.169931	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

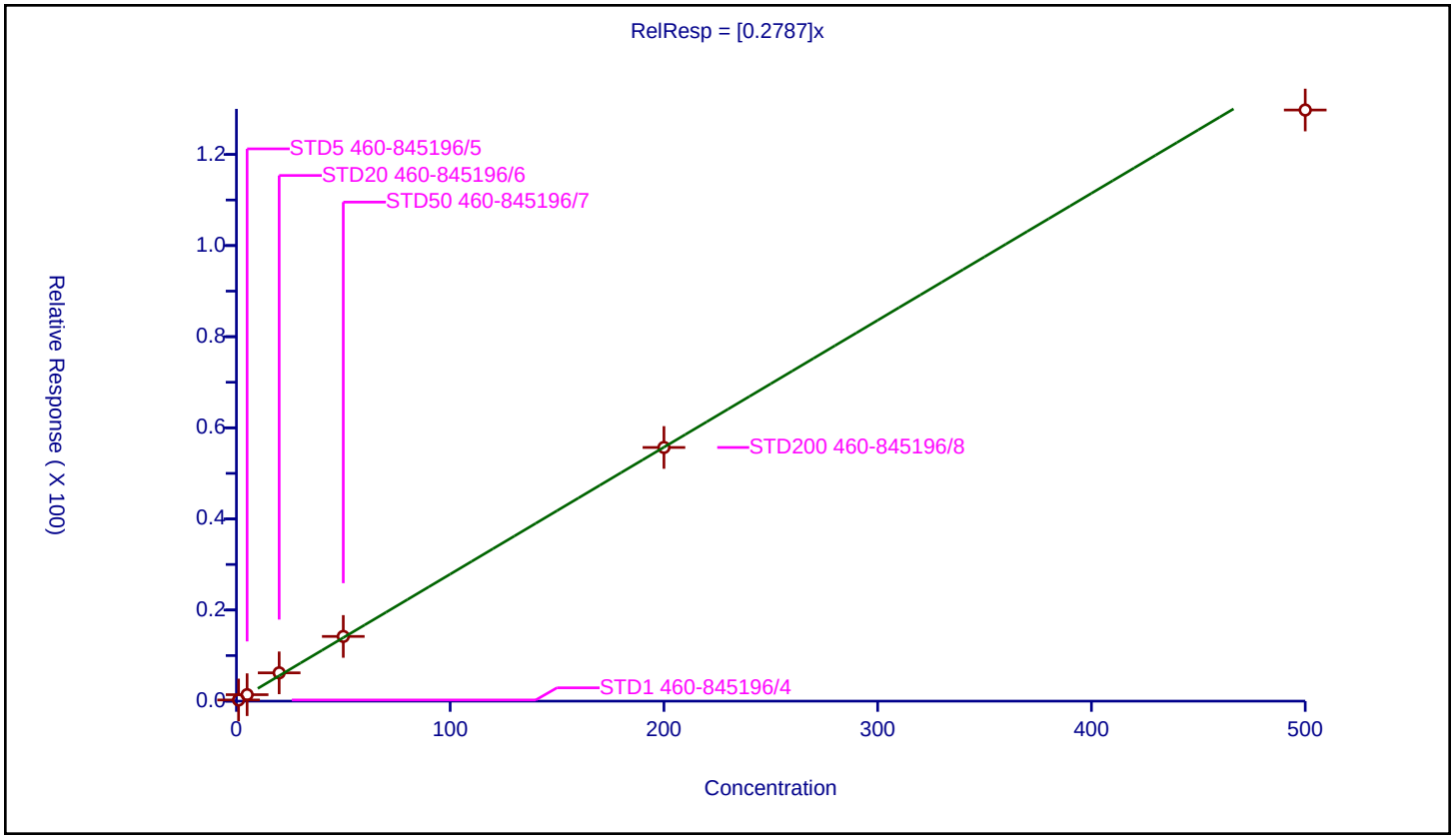
Curve Coefficients

Intercept:	0
Slope:	0.2787

Error Coefficients

Standard Error:	946000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.25605	50.0	563953.0	0.25605	Y
2	STD5 460-845196/5	5.0	1.416534	50.0	537368.0	0.283307	Y
3	STD20 460-845196/6	20.0	6.21429	50.0	568641.0	0.310714	Y
4	STD50 460-845196/7	50.0	14.204337	50.0	628727.0	0.284087	Y
5	STD200 460-845196/8	200.0	55.681942	50.0	663092.0	0.27841	Y
6	STD500 460-845196/9	500.0	129.753275	50.0	760523.0	0.259507	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

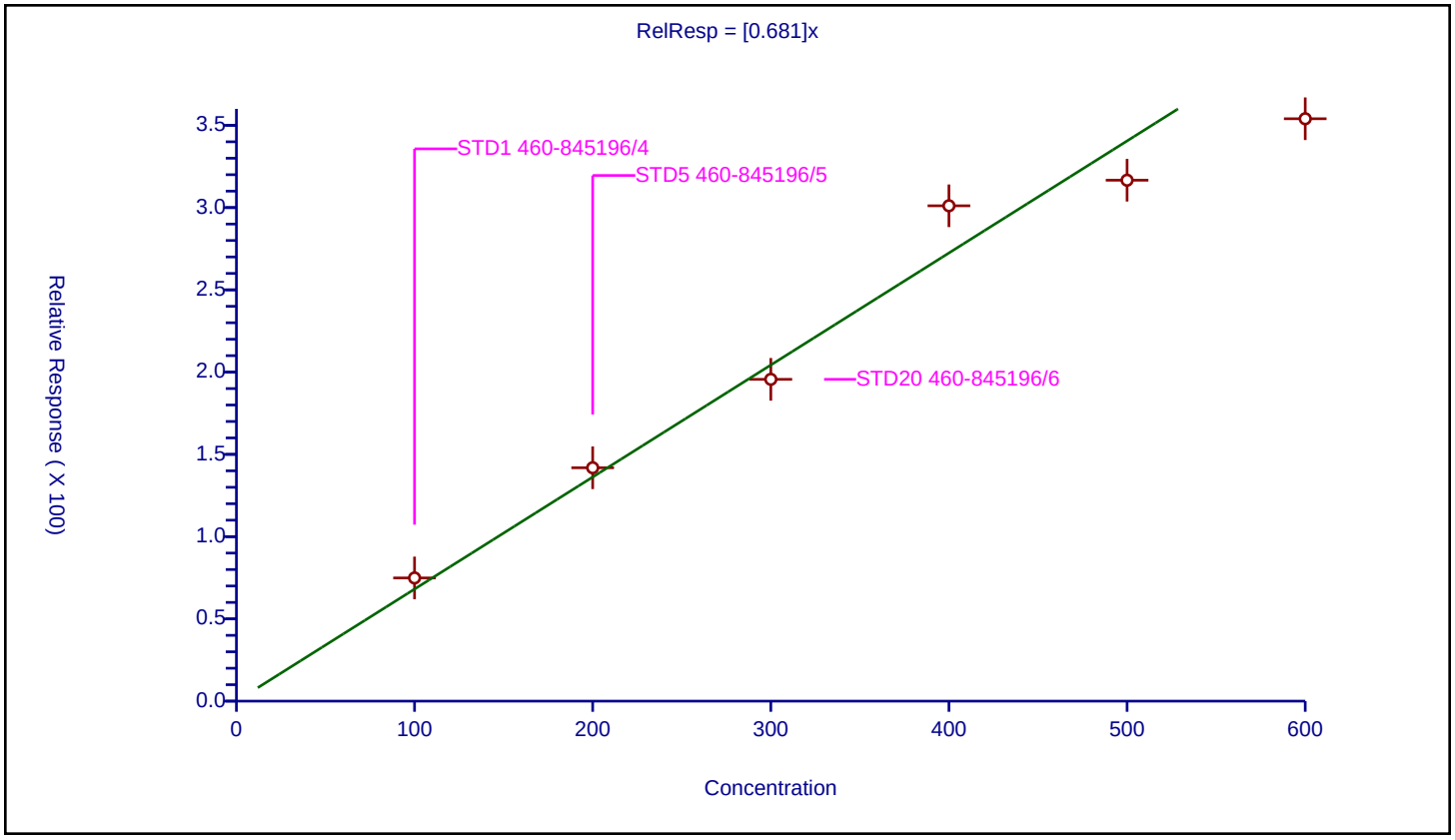
Curve Coefficients

Intercept:	0
Slope:	0.681

Error Coefficients

Standard Error:	85500
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	100.0	74.888646	1000.0	259532.0	0.748886	Y
2	STD5 460-845196/5	200.0	141.856545	1000.0	285972.0	0.709283	Y
3	STD20 460-845196/6	300.0	195.610718	1000.0	311486.0	0.652036	Y
4	STD50 460-845196/7	400.0	301.095806	1000.0	267018.0	0.75274	Y
5	STD200 460-845196/8	500.0	316.651341	1000.0	317548.0	0.633303	Y
6	STD500 460-845196/9	600.0	354.009651	1000.0	340067.0	0.590016	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

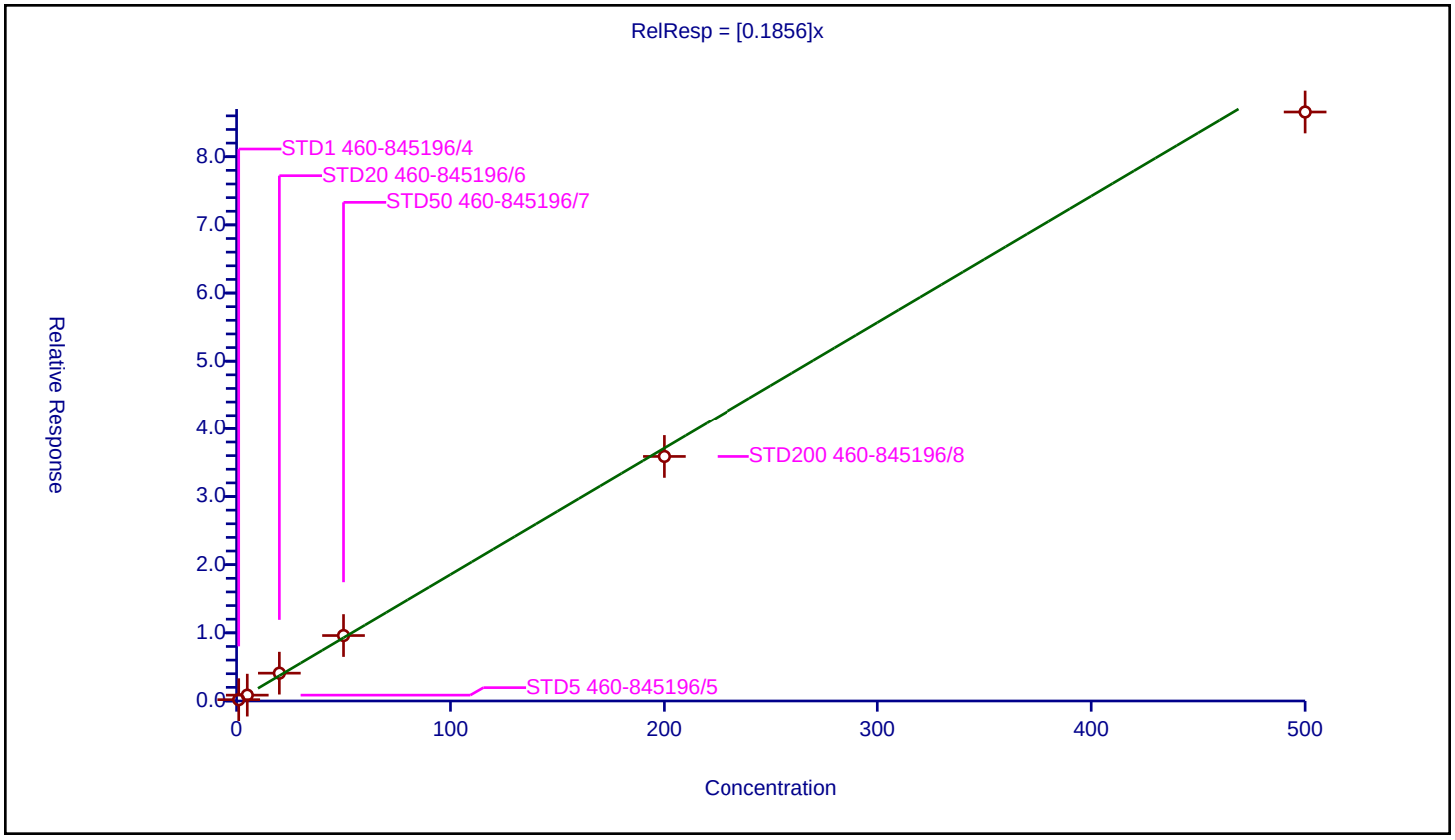
Curve Coefficients

Intercept:	0
Slope:	0.1856

Error Coefficients

Standard Error:	629000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.193279	50.0	563953.0	0.193279	Y
2	STD5 460-845196/5	5.0	0.856862	50.0	537368.0	0.171372	Y
3	STD20 460-845196/6	20.0	4.08131	50.0	568641.0	0.204065	Y
4	STD50 460-845196/7	50.0	9.603612	50.0	628727.0	0.192072	Y
5	STD200 460-845196/8	200.0	35.880994	50.0	663092.0	0.179405	Y
6	STD500 460-845196/9	500.0	86.5628	50.0	760523.0	0.173126	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

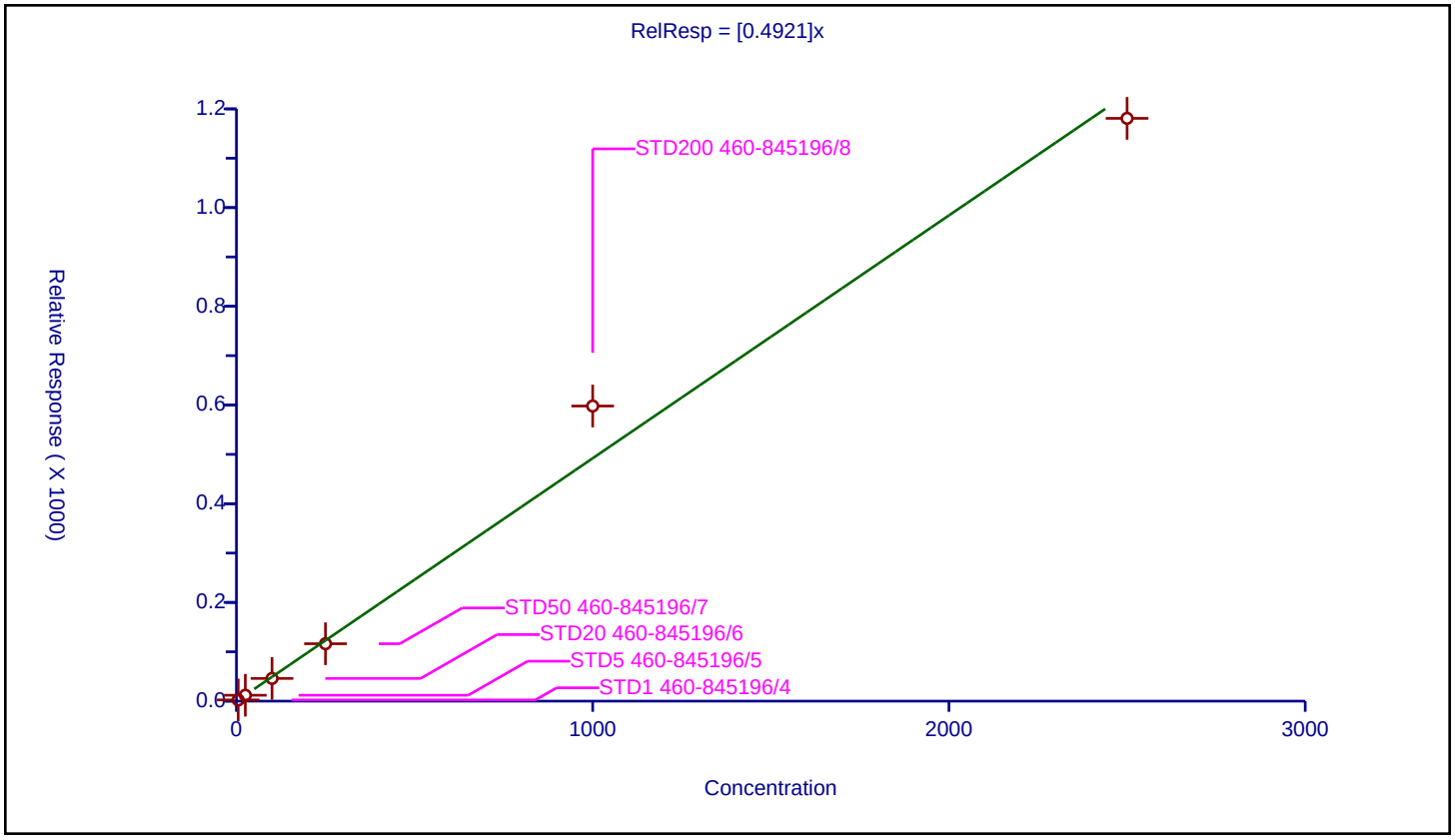
Curve Coefficients

Intercept:	0
Slope:	0.4921

Error Coefficients

Standard Error:	844000
Relative Standard Error:	10.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	5.0	2.391475	250.0	243469.0	0.478295	Y
2	STD5 460-845196/5	25.0	11.960951	250.0	260389.0	0.478438	Y
3	STD20 460-845196/6	100.0	46.016763	250.0	280626.0	0.460168	Y
4	STD50 460-845196/7	250.0	116.331832	250.0	273717.0	0.465327	Y
5	STD200 460-845196/8	1000.0	597.938397	250.0	326930.0	0.597938	Y
6	STD500 460-845196/9	2500.0	1180.825547	250.0	362923.0	0.47233	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

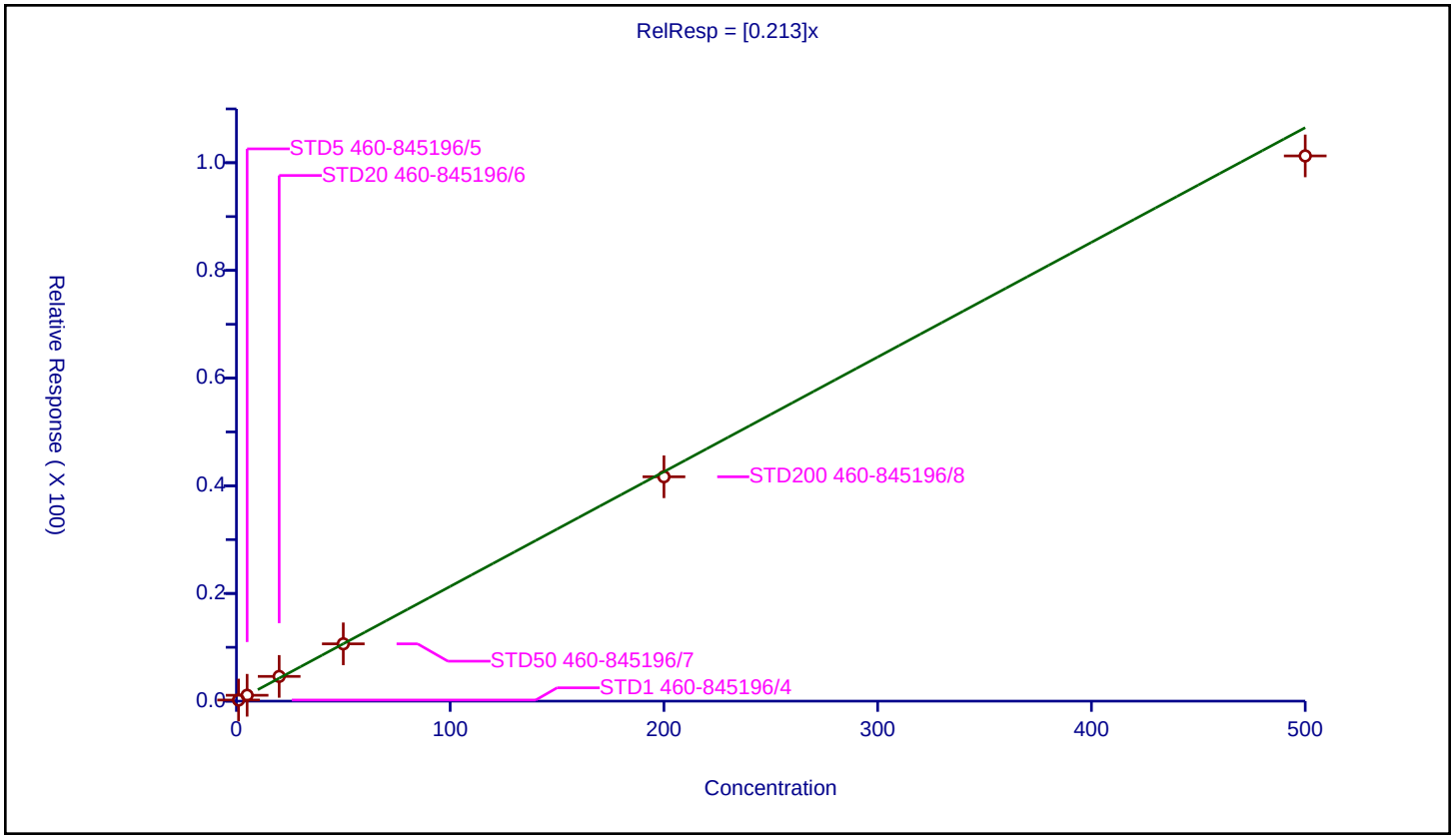
Curve Coefficients

Intercept:	0
Slope:	0.213

Error Coefficients

Standard Error:	735000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.206489	50.0	563953.0	0.206489	Y
2	STD5 460-845196/5	5.0	1.091989	50.0	537368.0	0.218398	Y
3	STD20 460-845196/6	20.0	4.591297	50.0	568641.0	0.229565	Y
4	STD50 460-845196/7	50.0	10.644286	50.0	628727.0	0.212886	Y
5	STD200 460-845196/8	200.0	41.671895	50.0	663092.0	0.208359	Y
6	STD500 460-845196/9	500.0	101.269127	50.0	760523.0	0.202538	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

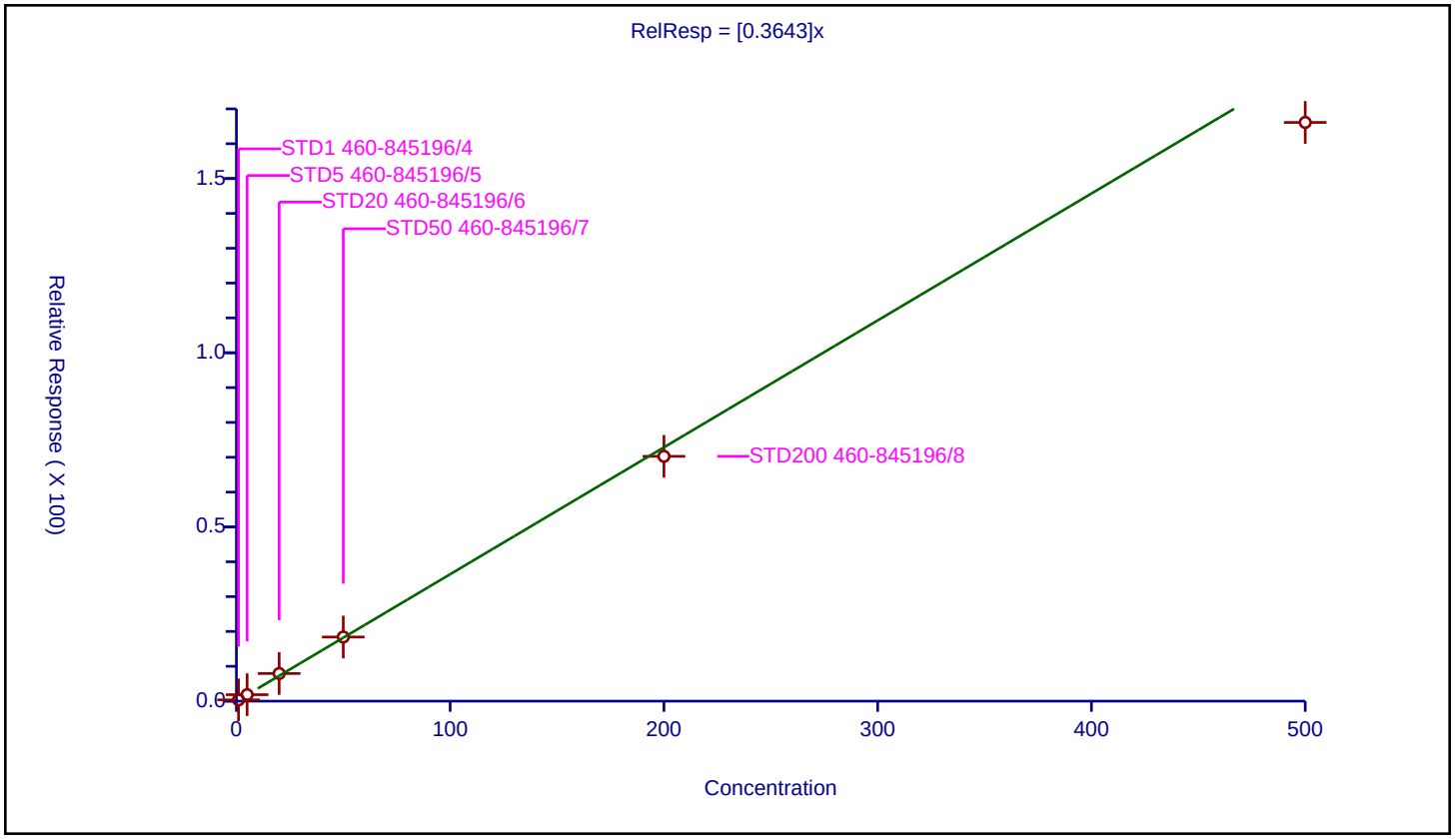
Curve Coefficients

Intercept:	0
Slope:	0.3643

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.366254	50.0	563953.0	0.366254	Y
2	STD5 460-845196/5	5.0	1.856084	50.0	537368.0	0.371217	Y
3	STD20 460-845196/6	20.0	7.929168	50.0	568641.0	0.396458	Y
4	STD50 460-845196/7	50.0	18.406717	50.0	628727.0	0.368134	Y
5	STD200 460-845196/8	200.0	70.2723	50.0	663092.0	0.351362	Y
6	STD500 460-845196/9	500.0	166.109112	50.0	760523.0	0.332218	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

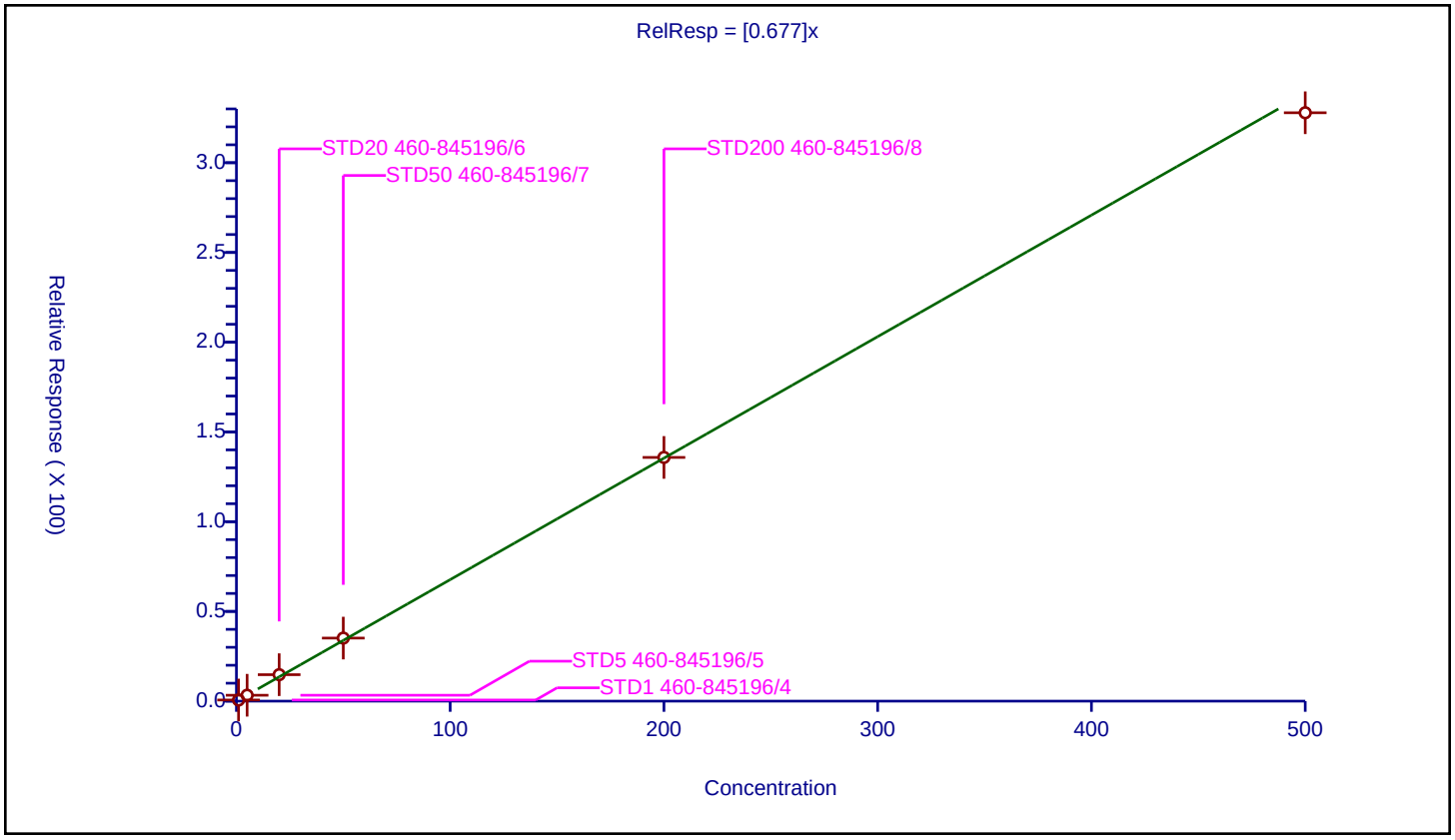
Curve Coefficients

Intercept:	0
Slope:	0.677

Error Coefficients

Standard Error:	2380000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.629396	50.0	563953.0	0.629396	Y
2	STD5 460-845196/5	5.0	3.288715	50.0	537368.0	0.657743	Y
3	STD20 460-845196/6	20.0	14.74498	50.0	568641.0	0.737249	Y
4	STD50 460-845196/7	50.0	35.141882	50.0	628727.0	0.702838	Y
5	STD200 460-845196/8	200.0	135.801669	50.0	663092.0	0.679008	Y
6	STD500 460-845196/9	500.0	327.845706	50.0	760523.0	0.655691	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

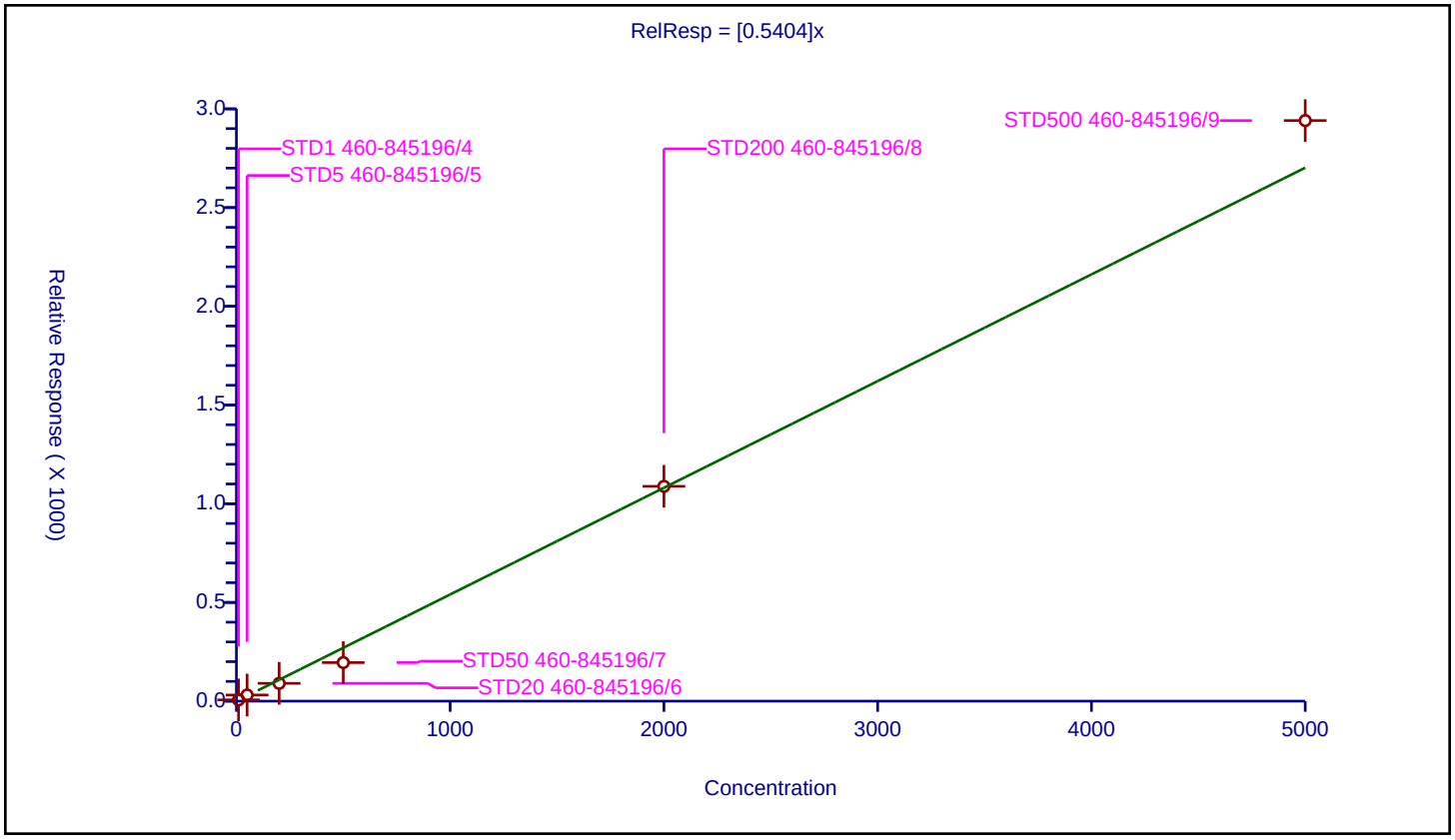
Curve Coefficients

Intercept:	0
Slope:	0.5404

Error Coefficients

Standard Error:	473000
Relative Standard Error:	18.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	10.0	6.453925	1000.0	259532.0	0.645392	Y
2	STD5 460-845196/5	50.0	31.132419	1000.0	285972.0	0.622648	Y
3	STD20 460-845196/6	200.0	90.219143	1000.0	311486.0	0.451096	Y
4	STD50 460-845196/7	500.0	195.417537	1000.0	267018.0	0.390835	Y
5	STD200 460-845196/8	2000.0	1088.131558	1000.0	317548.0	0.544066	Y
6	STD500 460-845196/9	5000.0	2940.764614	1000.0	340067.0	0.588153	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

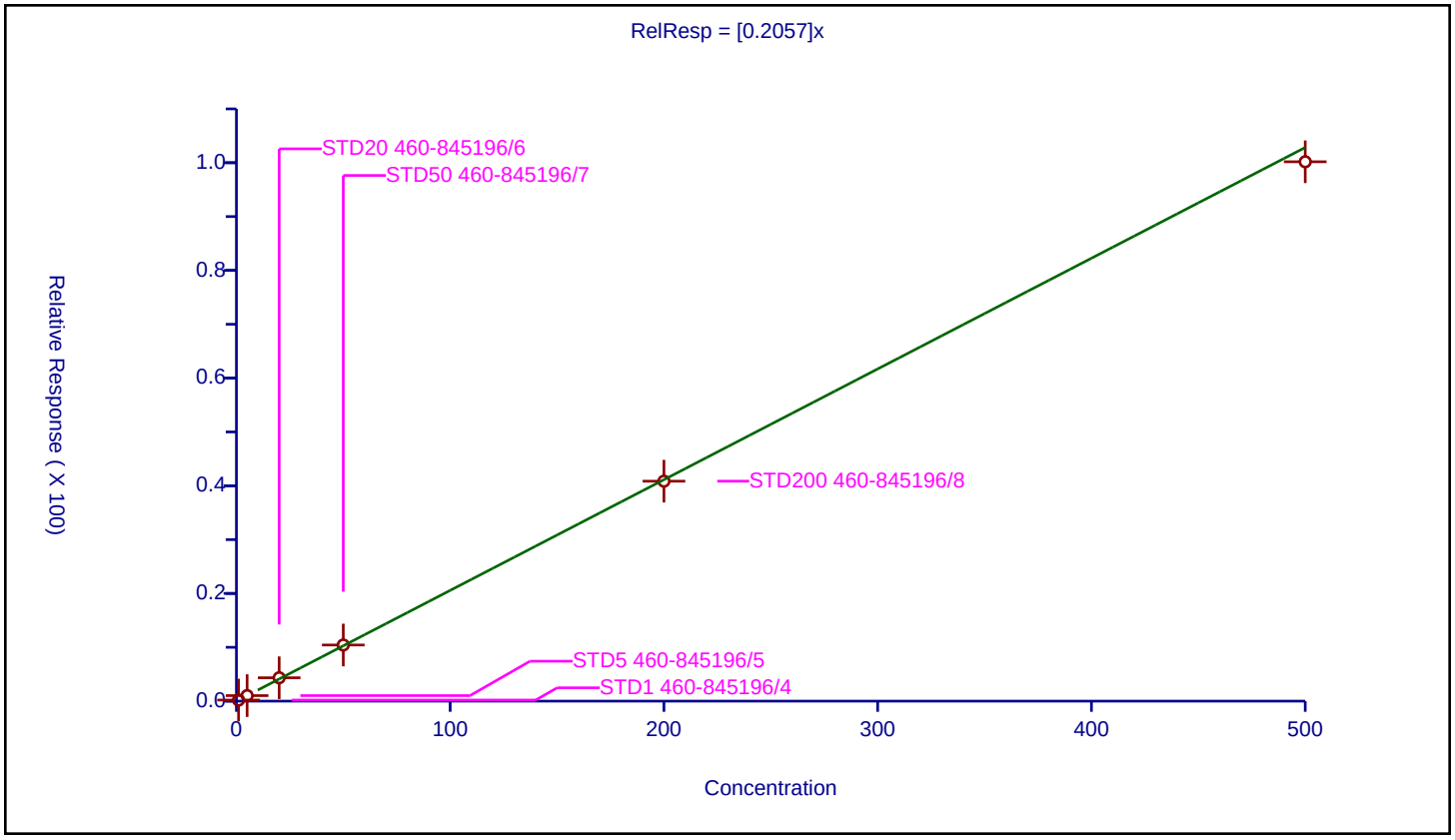
Curve Coefficients

Intercept:	0
Slope:	0.2057

Error Coefficients

Standard Error:	726000
Relative Standard Error:	3.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.198775	50.0	563953.0	0.198775	Y
2	STD5 460-845196/5	5.0	1.024624	50.0	537368.0	0.204925	Y
3	STD20 460-845196/6	20.0	4.34114	50.0	568641.0	0.217057	Y
4	STD50 460-845196/7	50.0	10.427737	50.0	628727.0	0.208555	Y
5	STD200 460-845196/8	200.0	40.853758	50.0	663092.0	0.204269	Y
6	STD500 460-845196/9	500.0	100.180599	50.0	760523.0	0.200361	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

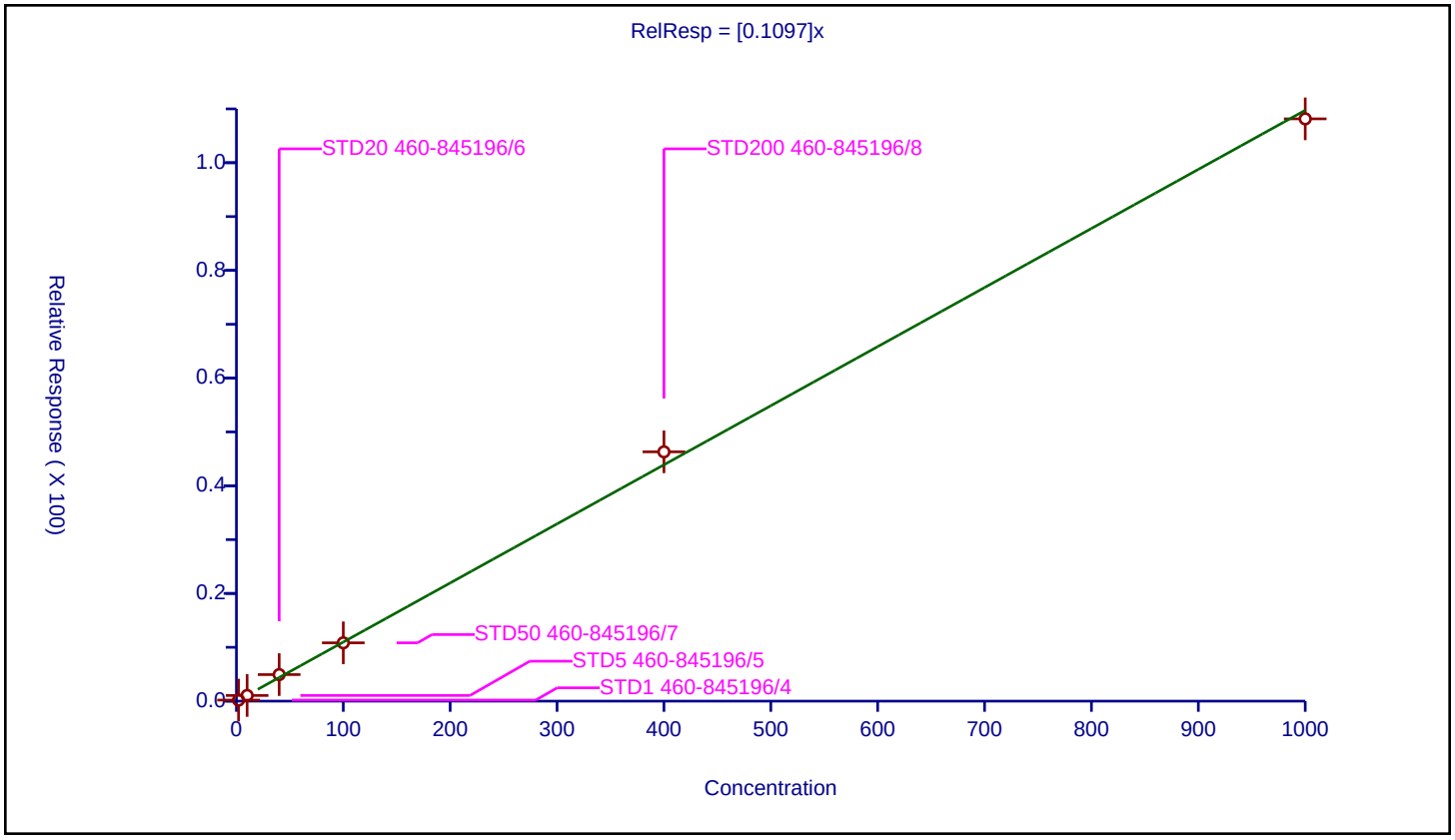
Curve Coefficients

Intercept:	0
Slope:	0.1097

Error Coefficients

Standard Error:	788000
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	STD1 460-845196/4	2.0	0.196027	50.0	563953.0	0.098013	Y
2	STD5 460-845196/5	10.0	1.049746	50.0	537368.0	0.104975	Y
3	STD20 460-845196/6	40.0	4.929033	50.0	568641.0	0.123226	Y
4	STD50 460-845196/7	100.0	10.82982	50.0	628727.0	0.108298	Y
5	STD200 460-845196/8	400.0	46.304359	50.0	663092.0	0.115761	Y
6	STD500 460-845196/9	1000.0	108.148997	50.0	760523.0	0.108149	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

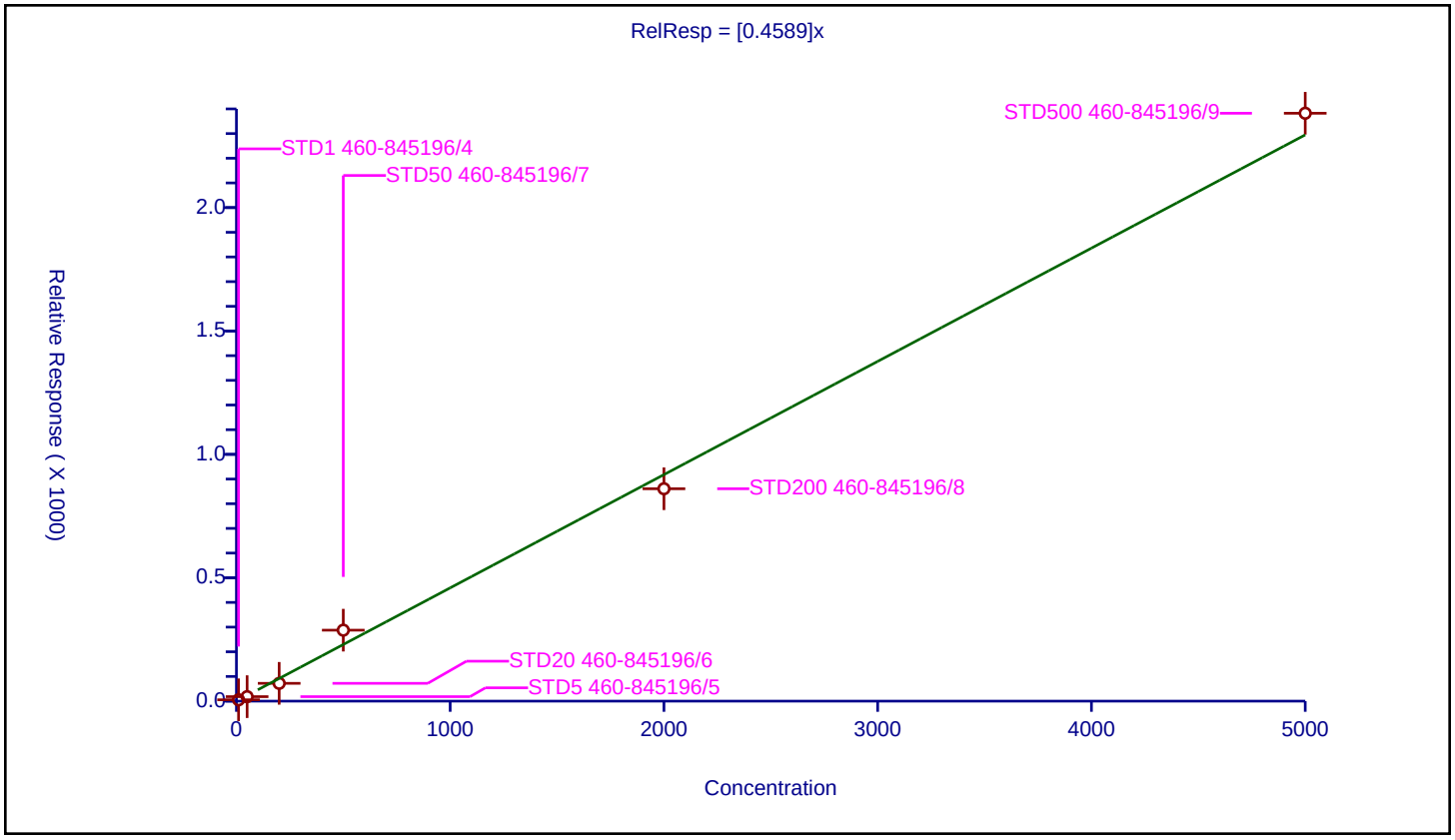
Curve Coefficients

Intercept:	0
Slope:	0.4589

Error Coefficients

Standard Error:	383000
Relative Standard Error:	19.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	10.0	5.482946	1000.0	259532.0	0.548295	Y
2	STD5 460-845196/5	50.0	18.141636	1000.0	285972.0	0.362833	Y
3	STD20 460-845196/6	200.0	72.122022	1000.0	311486.0	0.36061	Y
4	STD50 460-845196/7	500.0	287.557393	1000.0	267018.0	0.575115	Y
5	STD200 460-845196/8	2000.0	860.685629	1000.0	317548.0	0.430343	Y
6	STD500 460-845196/9	5000.0	2382.339363	1000.0	340067.0	0.476468	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

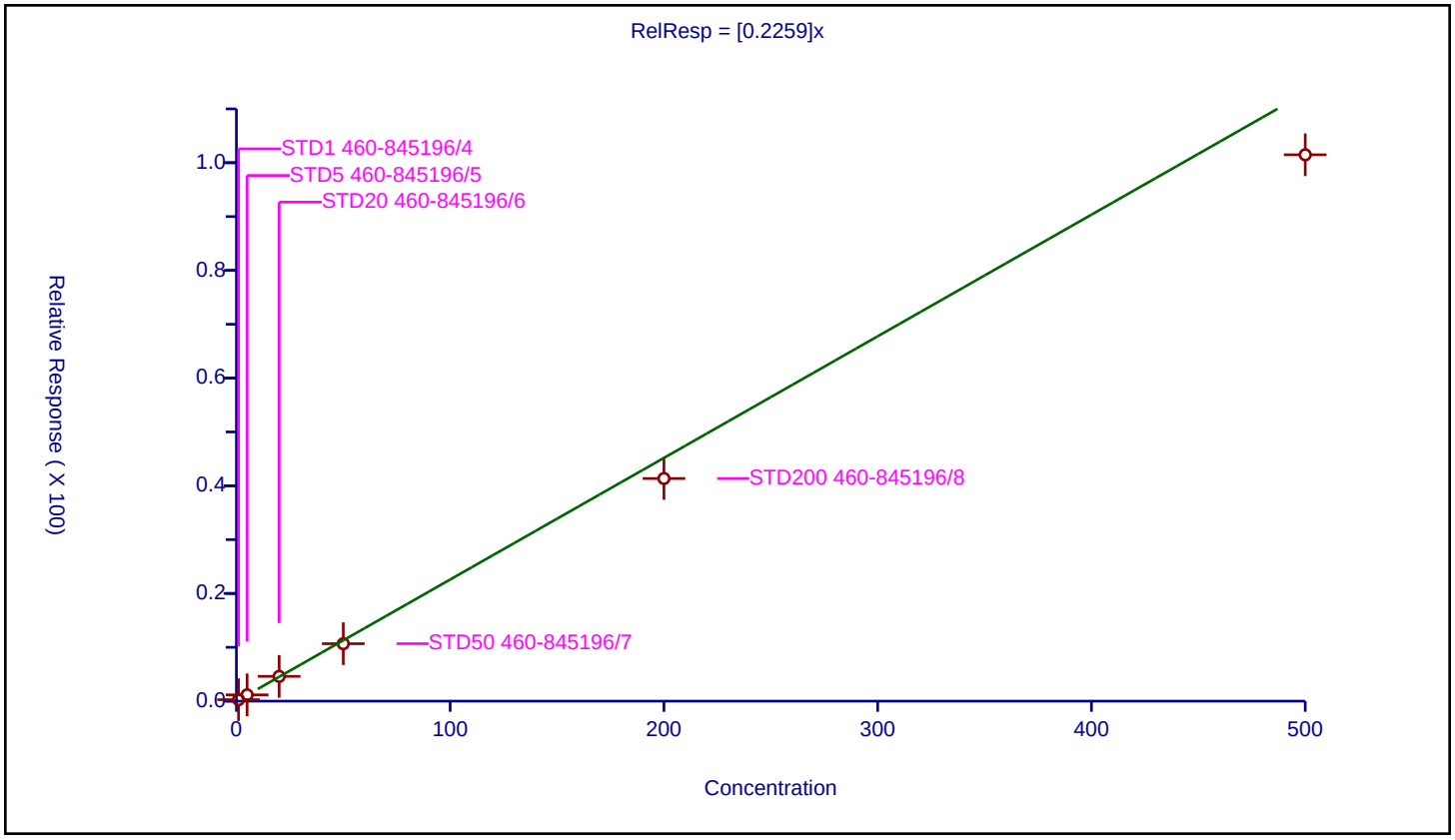
Curve Coefficients

Intercept:	0
Slope:	0.2259

Error Coefficients

Standard Error:	735000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.268196	50.0	563953.0	0.268196	Y
2	STD5 460-845196/5	5.0	1.169683	50.0	537368.0	0.233937	Y
3	STD20 460-845196/6	20.0	4.60053	50.0	568641.0	0.230027	Y
4	STD50 460-845196/7	50.0	10.669019	50.0	628727.0	0.21338	Y
5	STD200 460-845196/8	200.0	41.34924	50.0	663092.0	0.206746	Y
6	STD500 460-845196/9	500.0	101.475432	50.0	760523.0	0.202951	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

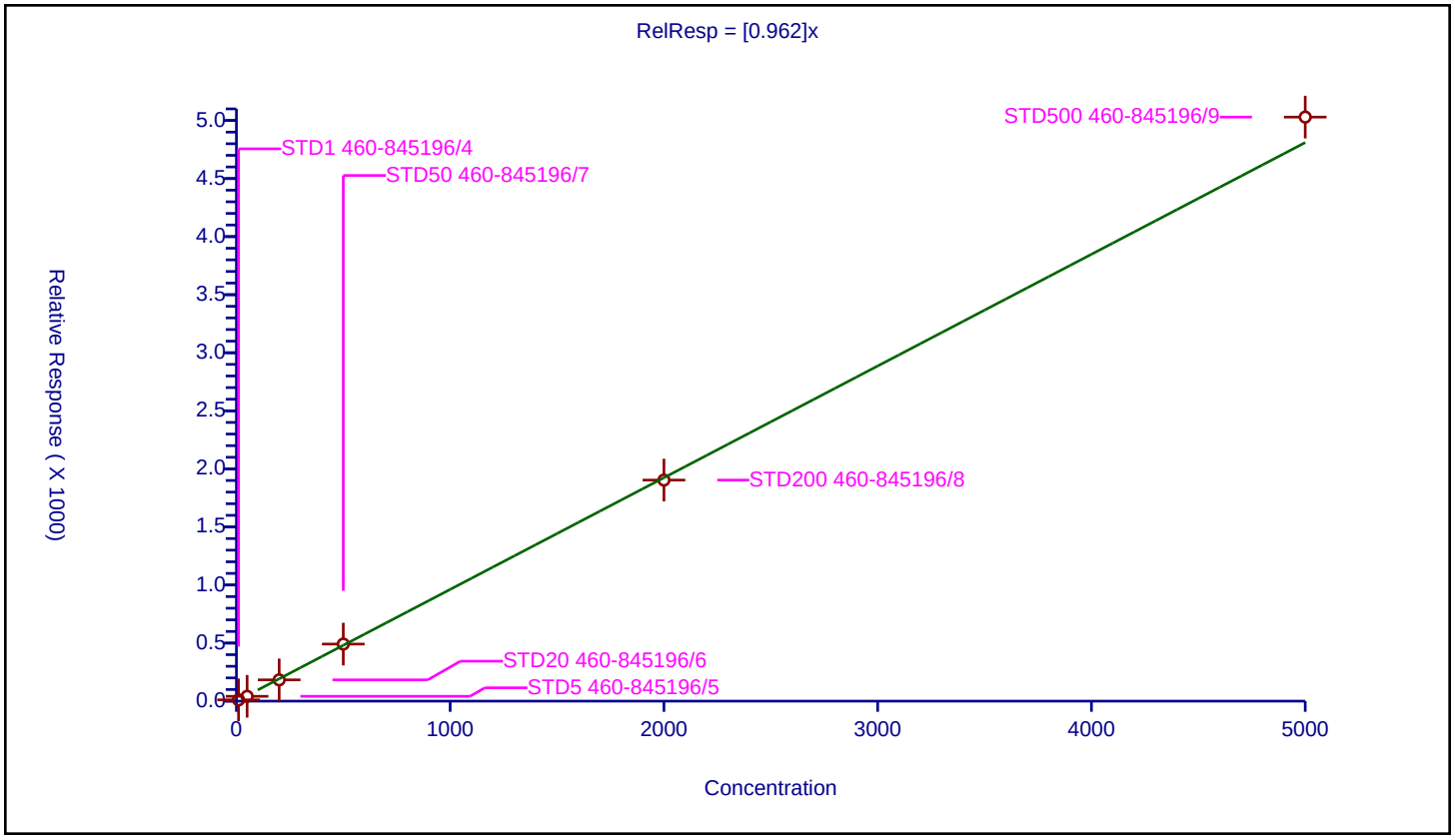
Curve Coefficients

Intercept:	0
Slope:	0.962

Error Coefficients

Standard Error:	811000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	10.0	10.8503	1000.0	259532.0	1.08503	Y
2	STD5 460-845196/5	50.0	41.556516	1000.0	285972.0	0.83113	Y
3	STD20 460-845196/6	200.0	183.070828	1000.0	311486.0	0.915354	Y
4	STD50 460-845196/7	500.0	491.420054	1000.0	267018.0	0.98284	Y
5	STD200 460-845196/8	2000.0	1903.520098	1000.0	317548.0	0.95176	Y
6	STD500 460-845196/9	5000.0	5029.338336	1000.0	340067.0	1.005868	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

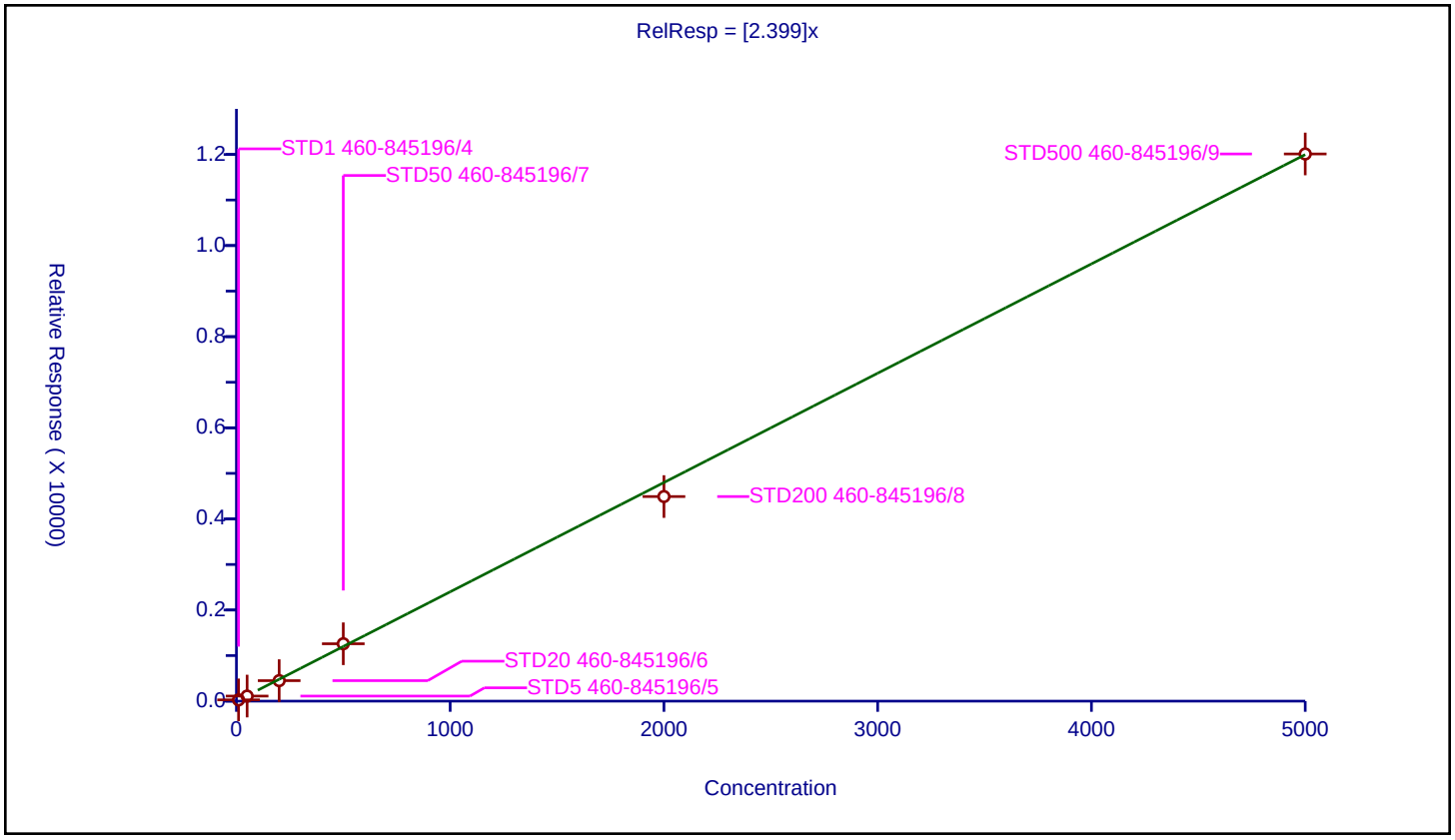
Curve Coefficients

Intercept:	0
Slope:	2.399

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	8.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	10.0	27.484087	1000.0	259532.0	2.748409	Y
2	STD5 460-845196/5	50.0	111.619319	1000.0	285972.0	2.232386	Y
3	STD20 460-845196/6	200.0	449.612503	1000.0	311486.0	2.248063	Y
4	STD50 460-845196/7	500.0	1259.855141	1000.0	267018.0	2.51971	Y
5	STD200 460-845196/8	2000.0	4491.043874	1000.0	317548.0	2.245522	Y
6	STD500 460-845196/9	5000.0	12010.818456	1000.0	340067.0	2.402164	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

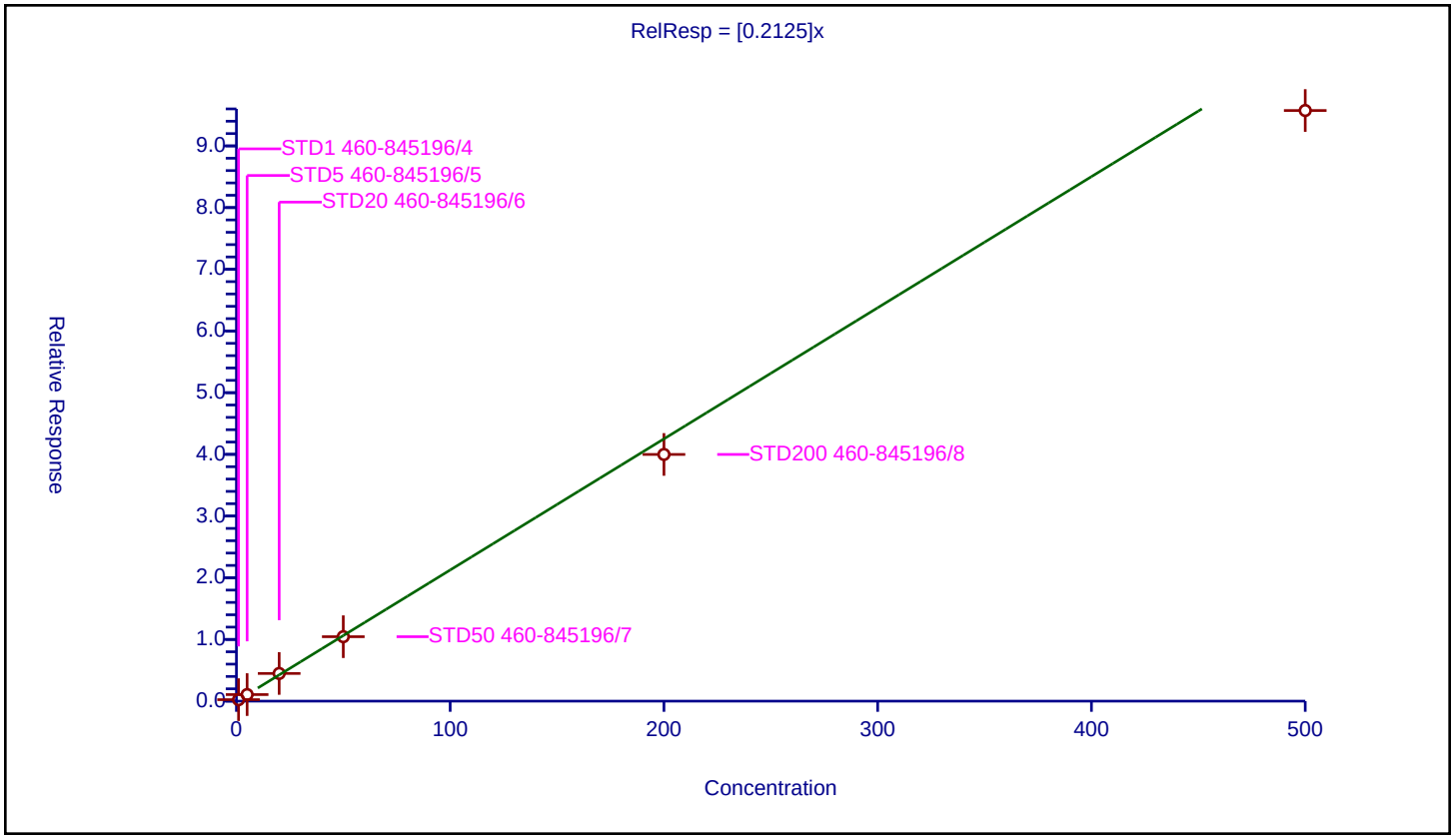
Curve Coefficients

Intercept:	0
Slope:	0.2125

Error Coefficients

Standard Error:	696000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.237786	50.0	563953.0	0.237786	Y
2	STD5 460-845196/5	5.0	1.064447	50.0	537368.0	0.212889	Y
3	STD20 460-845196/6	20.0	4.486222	50.0	568641.0	0.224311	Y
4	STD50 460-845196/7	50.0	10.444756	50.0	628727.0	0.208895	Y
5	STD200 460-845196/8	200.0	39.987362	50.0	663092.0	0.199937	Y
6	STD500 460-845196/9	500.0	95.73504	50.0	760523.0	0.19147	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

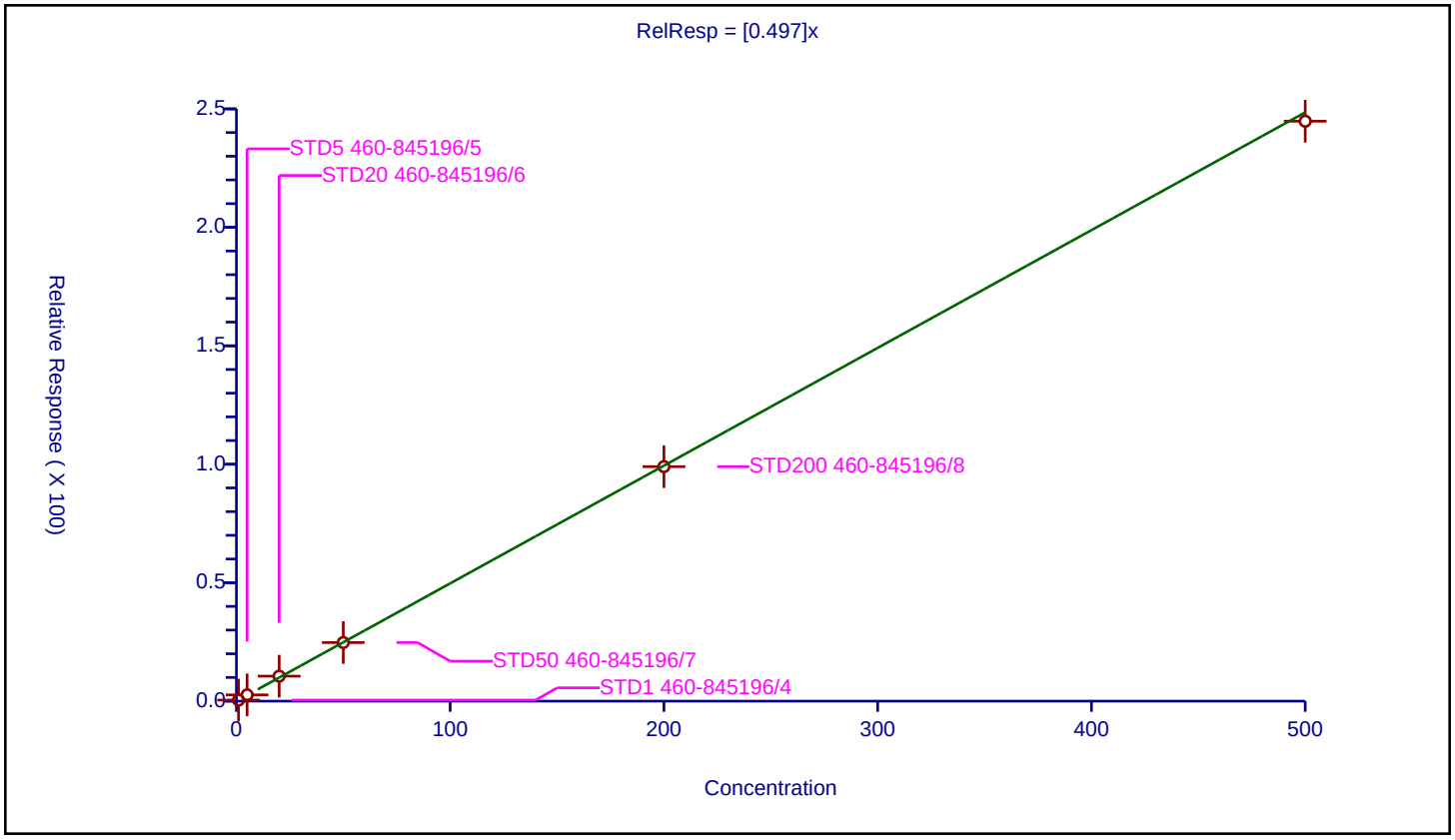
Curve Coefficients

Intercept:	0
Slope:	0.497

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.445161	50.0	563953.0	0.445161	Y
2	STD5 460-845196/5	5.0	2.651535	50.0	537368.0	0.530307	Y
3	STD20 460-845196/6	20.0	10.547868	50.0	568641.0	0.527393	Y
4	STD50 460-845196/7	50.0	24.741263	50.0	628727.0	0.494825	Y
5	STD200 460-845196/8	200.0	98.990487	50.0	663092.0	0.494952	Y
6	STD500 460-845196/9	500.0	244.798382	50.0	760523.0	0.489597	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

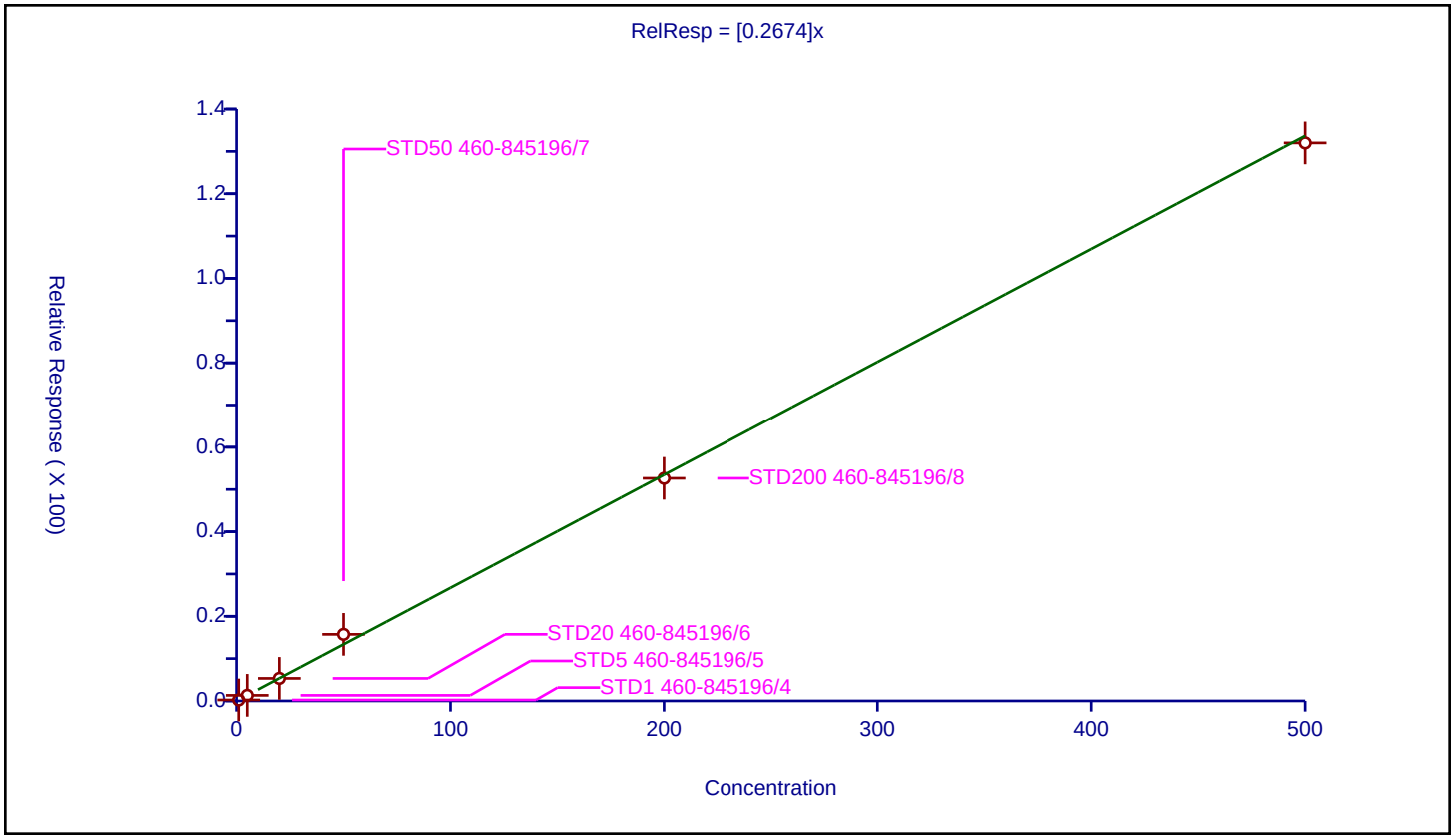
Curve Coefficients

Intercept:	0
Slope:	0.2674

Error Coefficients

Standard Error:	955000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.232821	50.0	563953.0	0.232821	Y
2	STD5 460-845196/5	5.0	1.316602	50.0	537368.0	0.26332	Y
3	STD20 460-845196/6	20.0	5.32357	50.0	568641.0	0.266178	Y
4	STD50 460-845196/7	50.0	15.727414	50.0	628727.0	0.314548	Y
5	STD200 460-845196/8	200.0	52.650386	50.0	663092.0	0.263252	Y
6	STD500 460-845196/9	500.0	132.00107	50.0	760523.0	0.264002	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

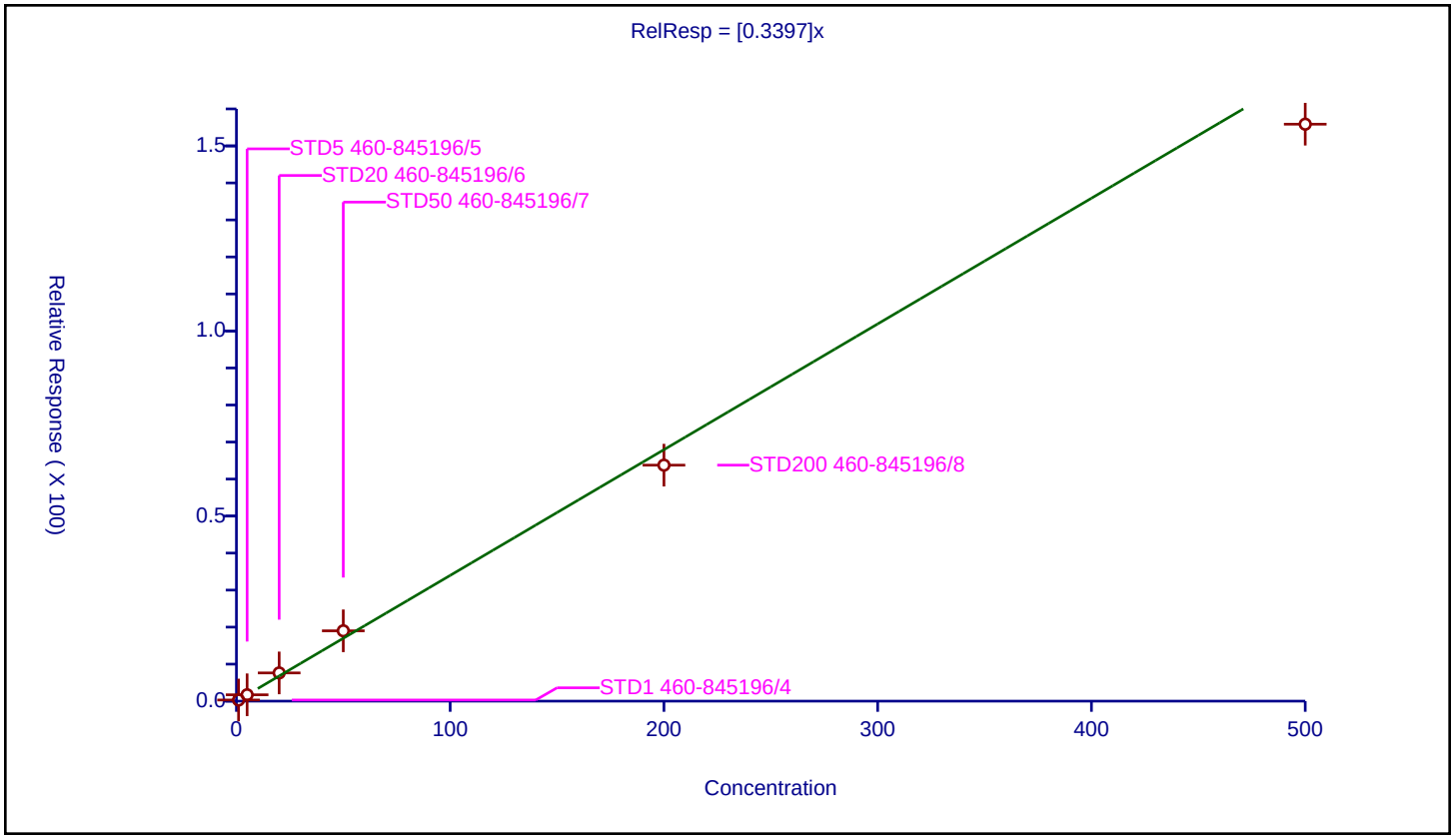
Curve Coefficients

Intercept:	0
Slope:	0.3397

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.303394	50.0	563953.0	0.303394	Y
2	STD5 460-845196/5	5.0	1.715677	50.0	537368.0	0.343135	Y
3	STD20 460-845196/6	20.0	7.620449	50.0	568641.0	0.381022	Y
4	STD50 460-845196/7	50.0	18.999741	50.0	628727.0	0.379995	Y
5	STD200 460-845196/8	200.0	63.751862	50.0	663092.0	0.318759	Y
6	STD500 460-845196/9	500.0	155.869251	50.0	760523.0	0.311739	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

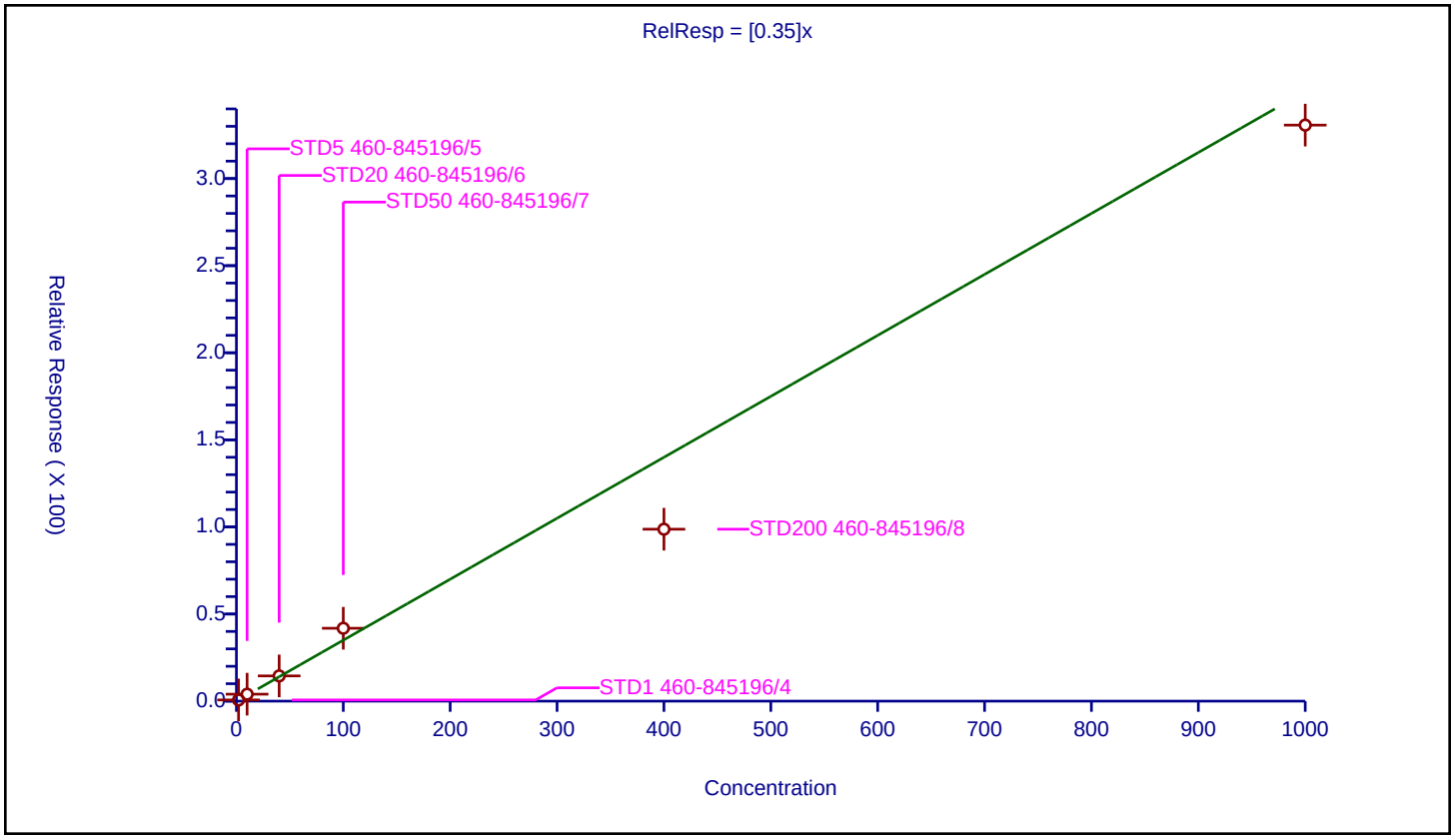
Curve Coefficients

Intercept:	0
Slope:	0.35

Error Coefficients

Standard Error:	223000
Relative Standard Error:	17.3
Correlation Coefficient:	0.982
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	2.0	0.683865	250.0	243469.0	0.341933	Y
2	STD5 460-845196/5	10.0	3.998825	250.0	260389.0	0.399882	Y
3	STD20 460-845196/6	40.0	14.484581	250.0	280626.0	0.362115	Y
4	STD50 460-845196/7	100.0	41.83518	250.0	273717.0	0.418352	Y
5	STD200 460-845196/8	400.0	98.703851	250.0	326930.0	0.24676	Y
6	STD500 460-845196/9	1000.0	330.694114	250.0	362923.0	0.330694	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

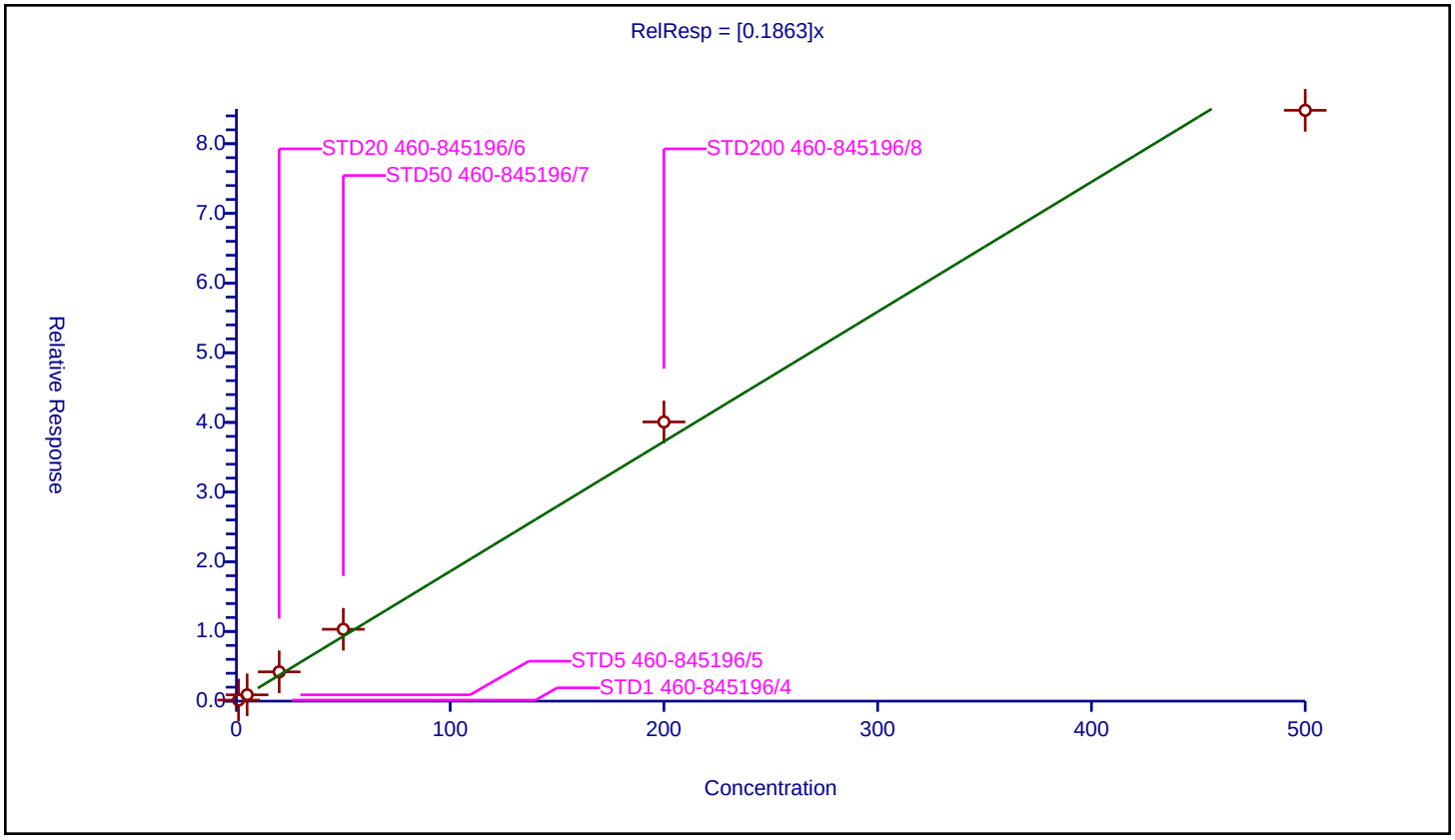
Curve Coefficients

Intercept:	0
Slope:	0.1863

Error Coefficients

Standard Error:	627000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.150456	50.0	563953.0	0.150456	Y
2	STD5 460-845196/5	5.0	0.904222	50.0	537368.0	0.180844	Y
3	STD20 460-845196/6	20.0	4.204498	50.0	568641.0	0.210225	Y
4	STD50 460-845196/7	50.0	10.314731	50.0	628727.0	0.206295	Y
5	STD200 460-845196/8	200.0	40.070835	50.0	663092.0	0.200354	Y
6	STD500 460-845196/9	500.0	84.796055	50.0	760523.0	0.169592	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

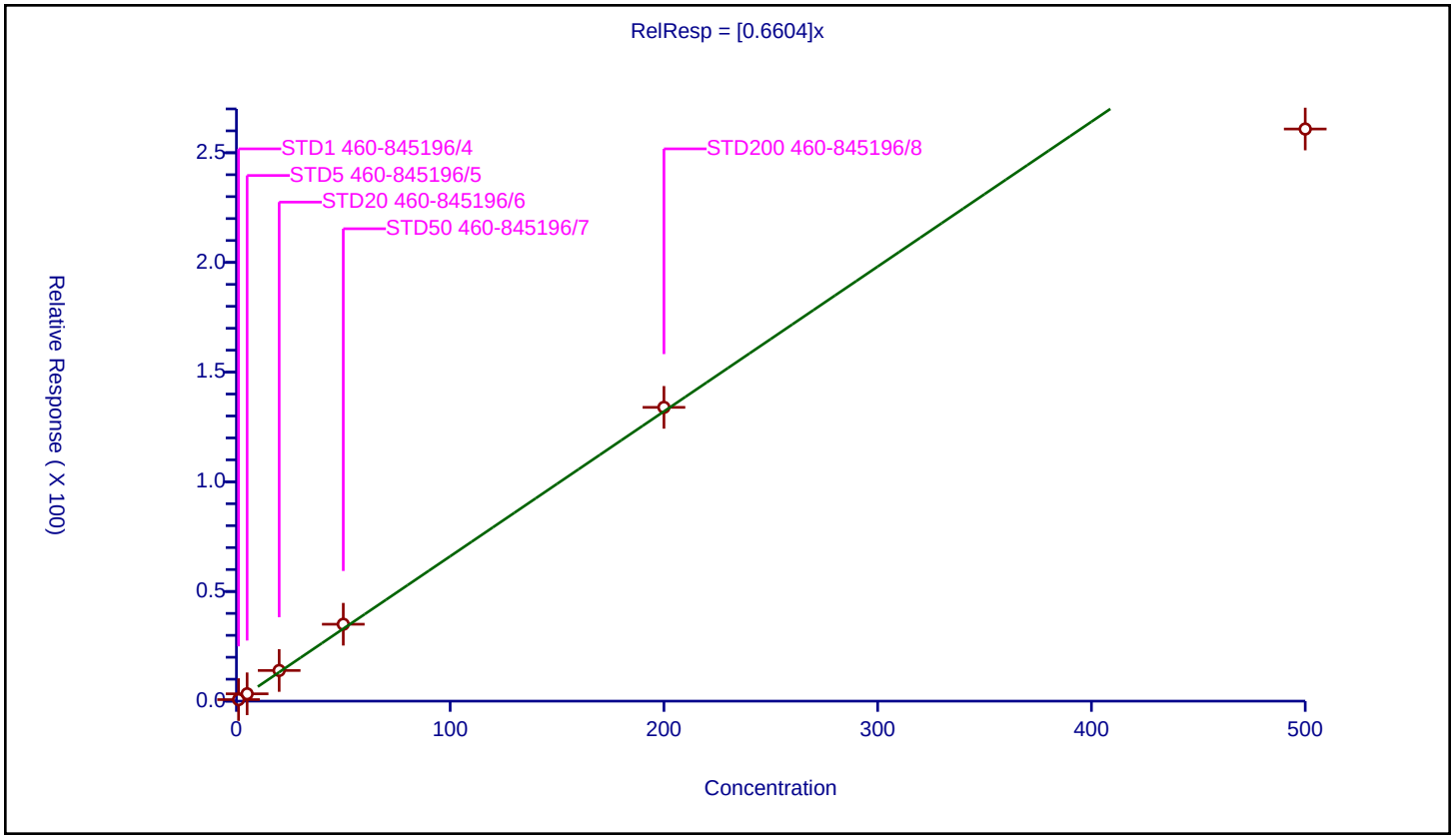
Curve Coefficients

Intercept:	0
Slope:	0.6604

Error Coefficients

Standard Error:	1960000
Relative Standard Error:	10.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.702807	50.0	563953.0	0.702807	Y
2	STD5 460-845196/5	5.0	3.33989	50.0	537368.0	0.667978	Y
3	STD20 460-845196/6	20.0	13.981757	50.0	568641.0	0.699088	Y
4	STD50 460-845196/7	50.0	35.060845	50.0	628727.0	0.701217	Y
5	STD200 460-845196/8	200.0	133.939257	50.0	663092.0	0.669696	Y
6	STD500 460-845196/9	500.0	260.830376	50.0	760523.0	0.521661	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

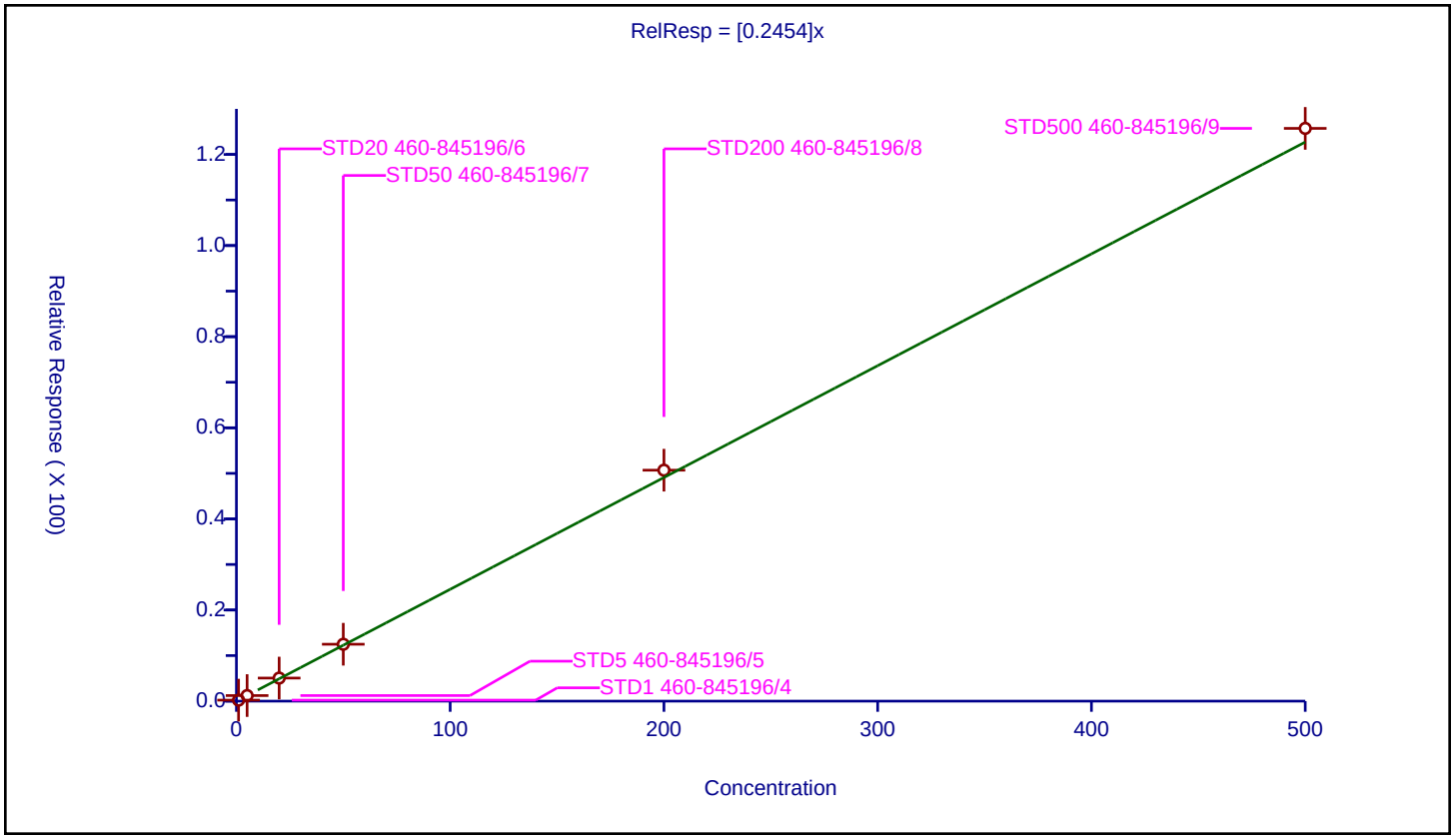
Curve Coefficients

Intercept:	0
Slope:	0.2454

Error Coefficients

Standard Error:	910000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.219788	50.0	563953.0	0.219788	Y
2	STD5 460-845196/5	5.0	1.224487	50.0	537368.0	0.244897	Y
3	STD20 460-845196/6	20.0	5.065059	50.0	568641.0	0.253253	Y
4	STD50 460-845196/7	50.0	12.487534	50.0	628727.0	0.249751	Y
5	STD200 460-845196/8	200.0	50.693569	50.0	663092.0	0.253468	Y
6	STD500 460-845196/9	500.0	125.719406	50.0	760523.0	0.251439	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

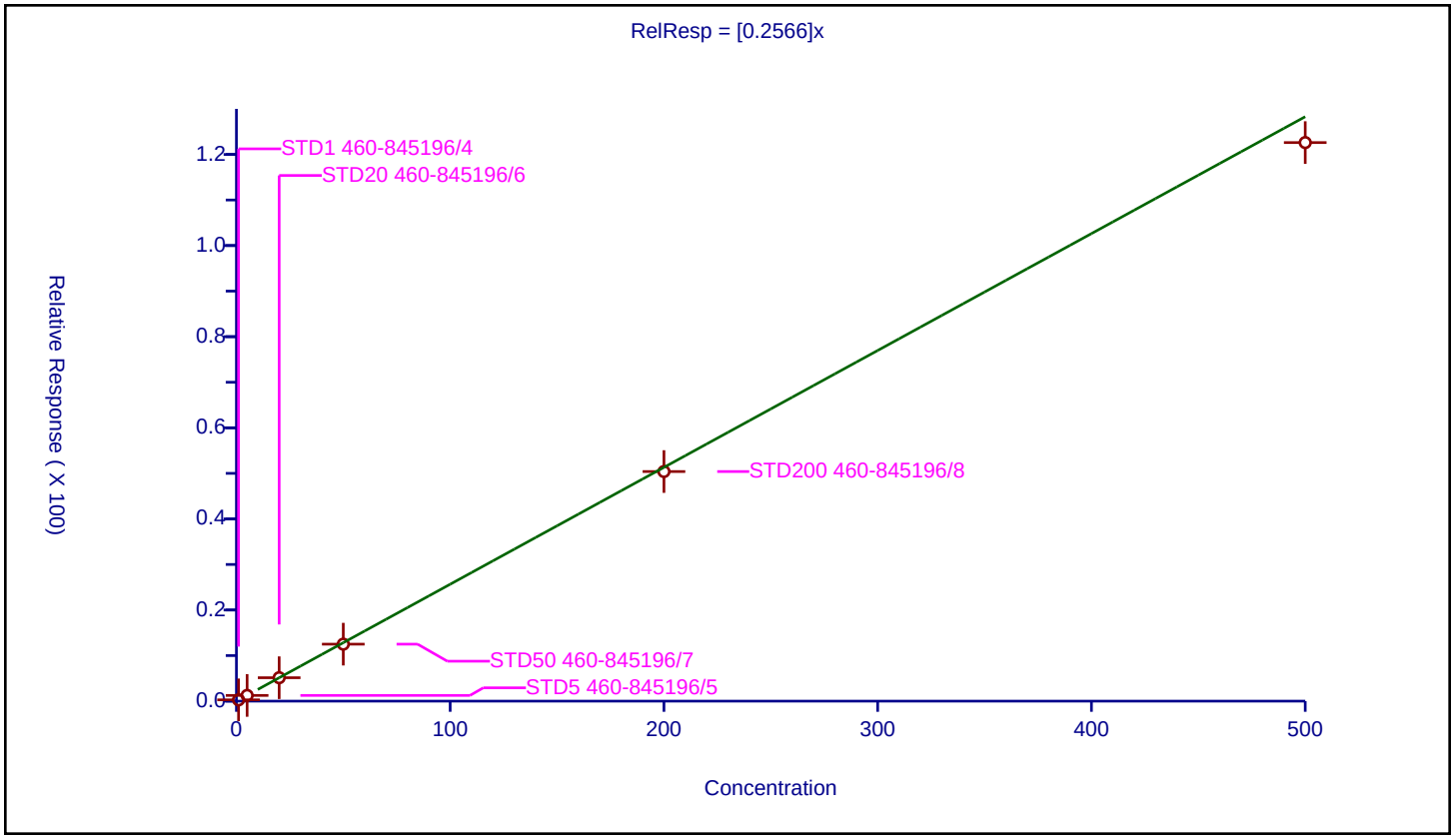
Curve Coefficients

Intercept:	0
Slope:	0.2566

Error Coefficients

Standard Error:	889000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.284244	50.0	563953.0	0.284244	Y
2	STD5 460-845196/5	5.0	1.253424	50.0	537368.0	0.250685	Y
3	STD20 460-845196/6	20.0	5.14226	50.0	568641.0	0.257113	Y
4	STD50 460-845196/7	50.0	12.509483	50.0	628727.0	0.25019	Y
5	STD200 460-845196/8	200.0	50.39723	50.0	663092.0	0.251986	Y
6	STD500 460-845196/9	500.0	122.606943	50.0	760523.0	0.245214	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

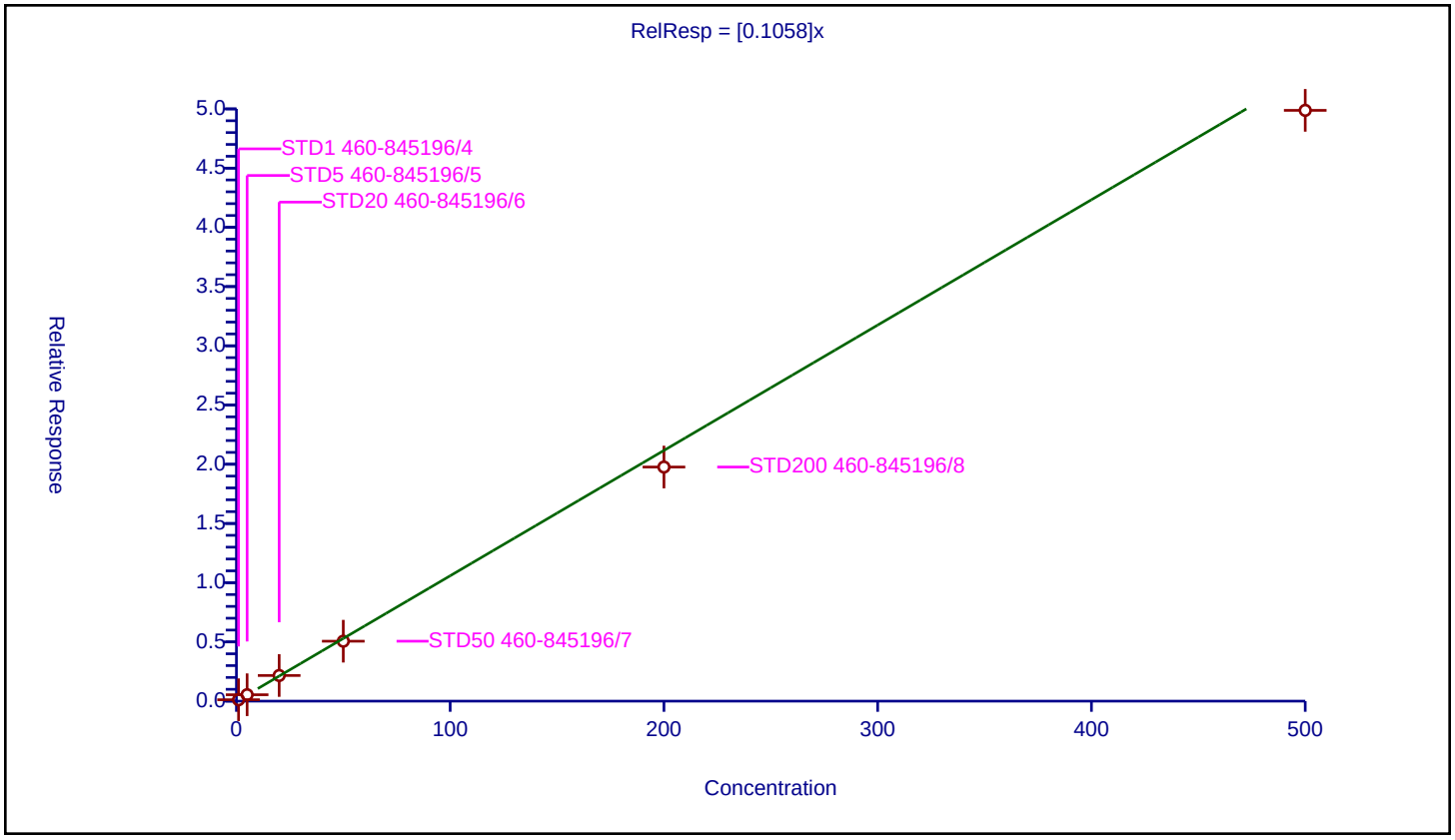
Curve Coefficients

Intercept:	0
Slope:	0.1058

Error Coefficients

Standard Error:	360000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.118716	50.0	563953.0	0.118716	Y
2	STD5 460-845196/5	5.0	0.541342	50.0	537368.0	0.108268	Y
3	STD20 460-845196/6	20.0	2.164283	50.0	568641.0	0.108214	Y
4	STD50 460-845196/7	50.0	5.05943	50.0	628727.0	0.101189	Y
5	STD200 460-845196/8	200.0	19.763095	50.0	663092.0	0.098815	Y
6	STD500 460-845196/9	500.0	49.877124	50.0	760523.0	0.099754	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

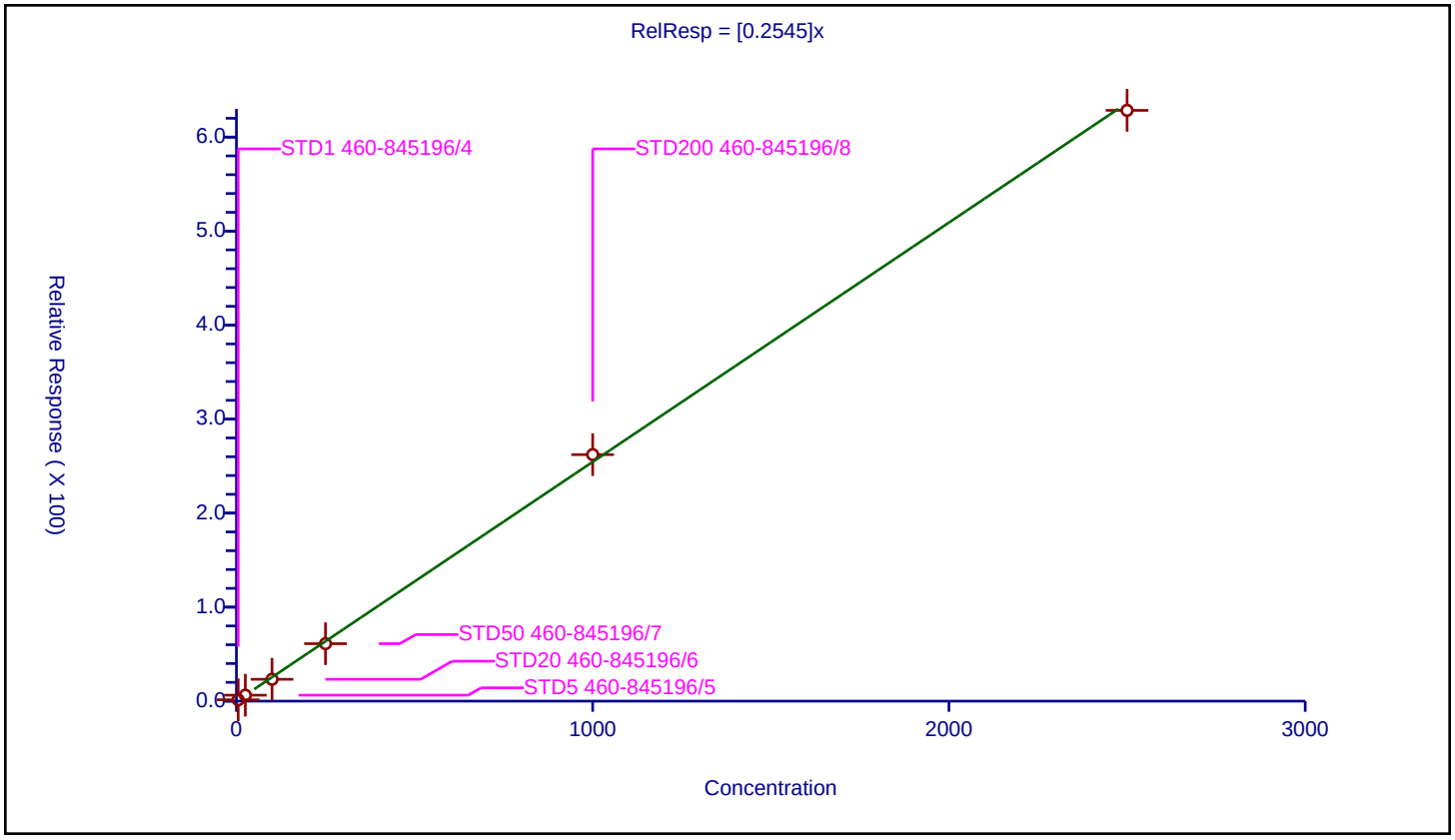
Curve Coefficients

Intercept:	0
Slope:	0.2545

Error Coefficients

Standard Error:	437000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	5.0	1.419072	250.0	243469.0	0.283814	Y
2	STD5 460-845196/5	25.0	6.318431	250.0	260389.0	0.252737	Y
3	STD20 460-845196/6	100.0	23.256933	250.0	280626.0	0.232569	Y
4	STD50 460-845196/7	250.0	61.113303	250.0	273717.0	0.244453	Y
5	STD200 460-845196/8	1000.0	262.227388	250.0	326930.0	0.262227	Y
6	STD500 460-845196/9	2500.0	628.452867	250.0	362923.0	0.251381	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

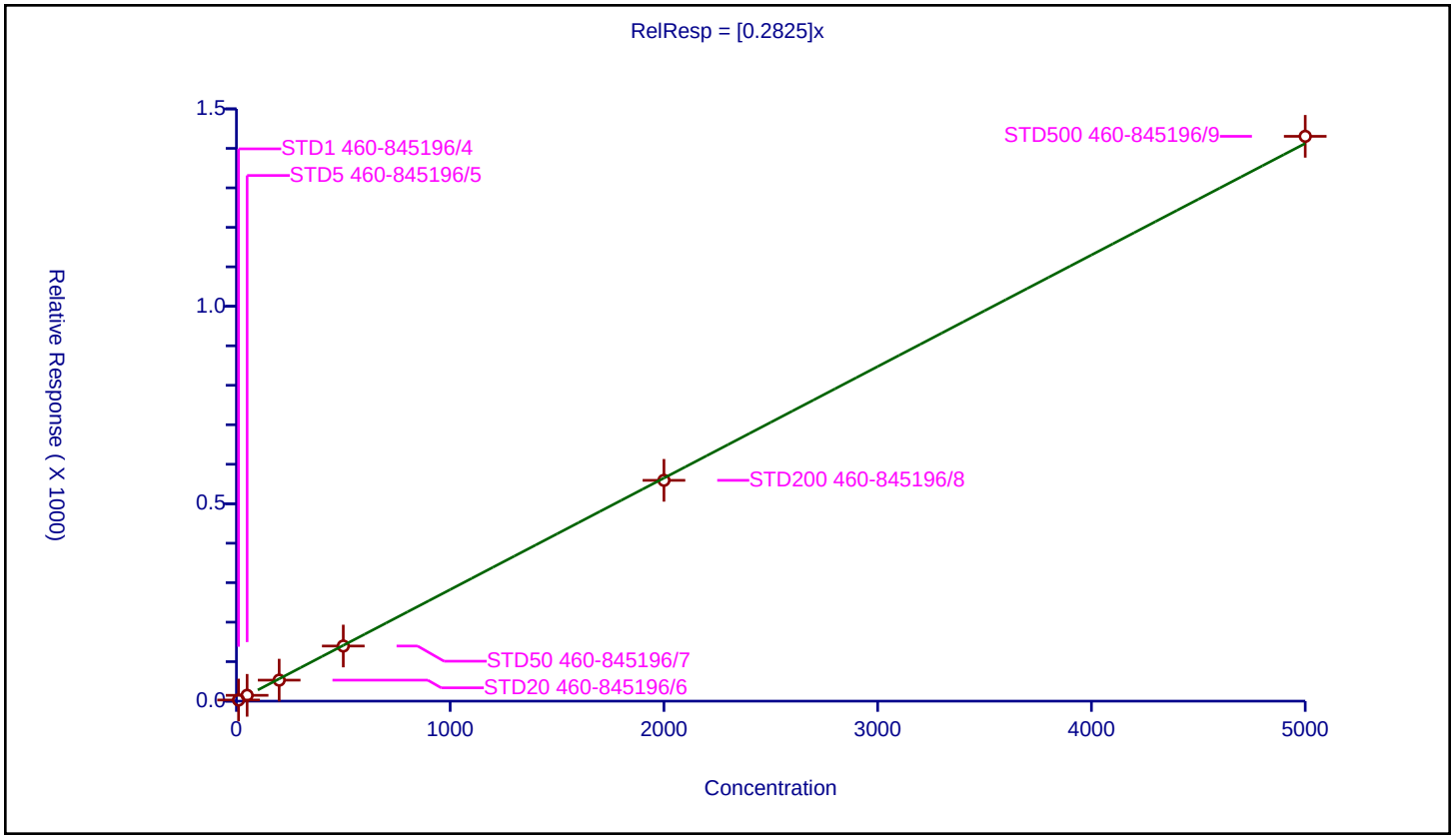
Curve Coefficients

Intercept:	0
Slope:	0.2825

Error Coefficients

Standard Error:	987000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	10.0	2.890512	250.0	243469.0	0.289051	Y
2	STD5 460-845196/5	50.0	14.759648	250.0	260389.0	0.295193	Y
3	STD20 460-845196/6	200.0	53.165958	250.0	280626.0	0.26583	Y
4	STD50 460-845196/7	500.0	139.57847	250.0	273717.0	0.279157	Y
5	STD200 460-845196/8	2000.0	559.251216	250.0	326930.0	0.279626	Y
6	STD500 460-845196/9	5000.0	1430.490076	250.0	362923.0	0.286098	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

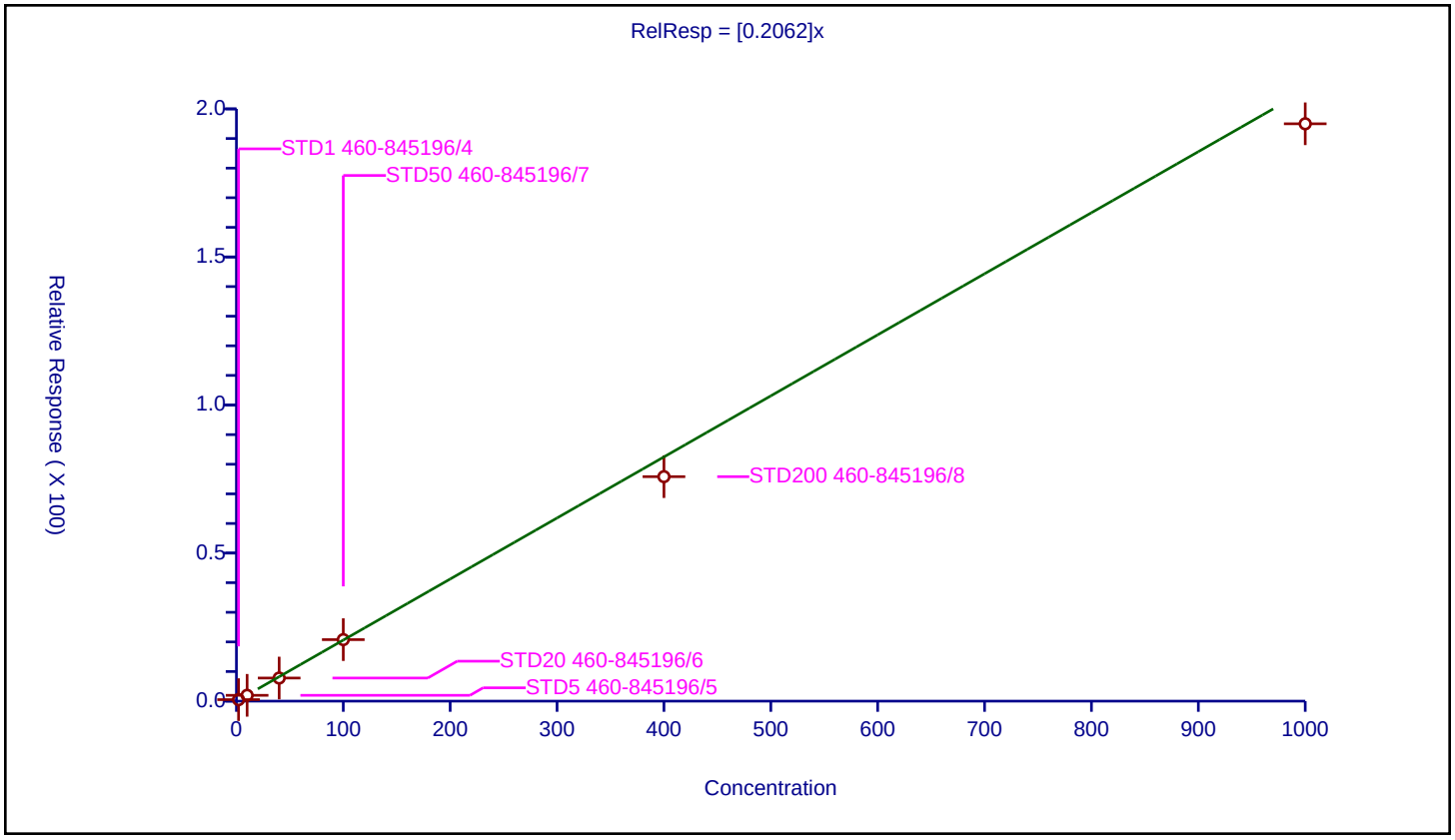
Curve Coefficients

Intercept:	0
Slope:	0.2062

Error Coefficients

Standard Error:	134000
Relative Standard Error:	11.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	2.0	0.506225	250.0	243469.0	0.253112	Y
2	STD5 460-845196/5	10.0	1.967249	250.0	260389.0	0.196725	Y
3	STD20 460-845196/6	40.0	7.800418	250.0	280626.0	0.19501	Y
4	STD50 460-845196/7	100.0	20.772367	250.0	273717.0	0.207724	Y
5	STD200 460-845196/8	400.0	75.805218	250.0	326930.0	0.189513	Y
6	STD500 460-845196/9	1000.0	194.97111	250.0	362923.0	0.194971	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

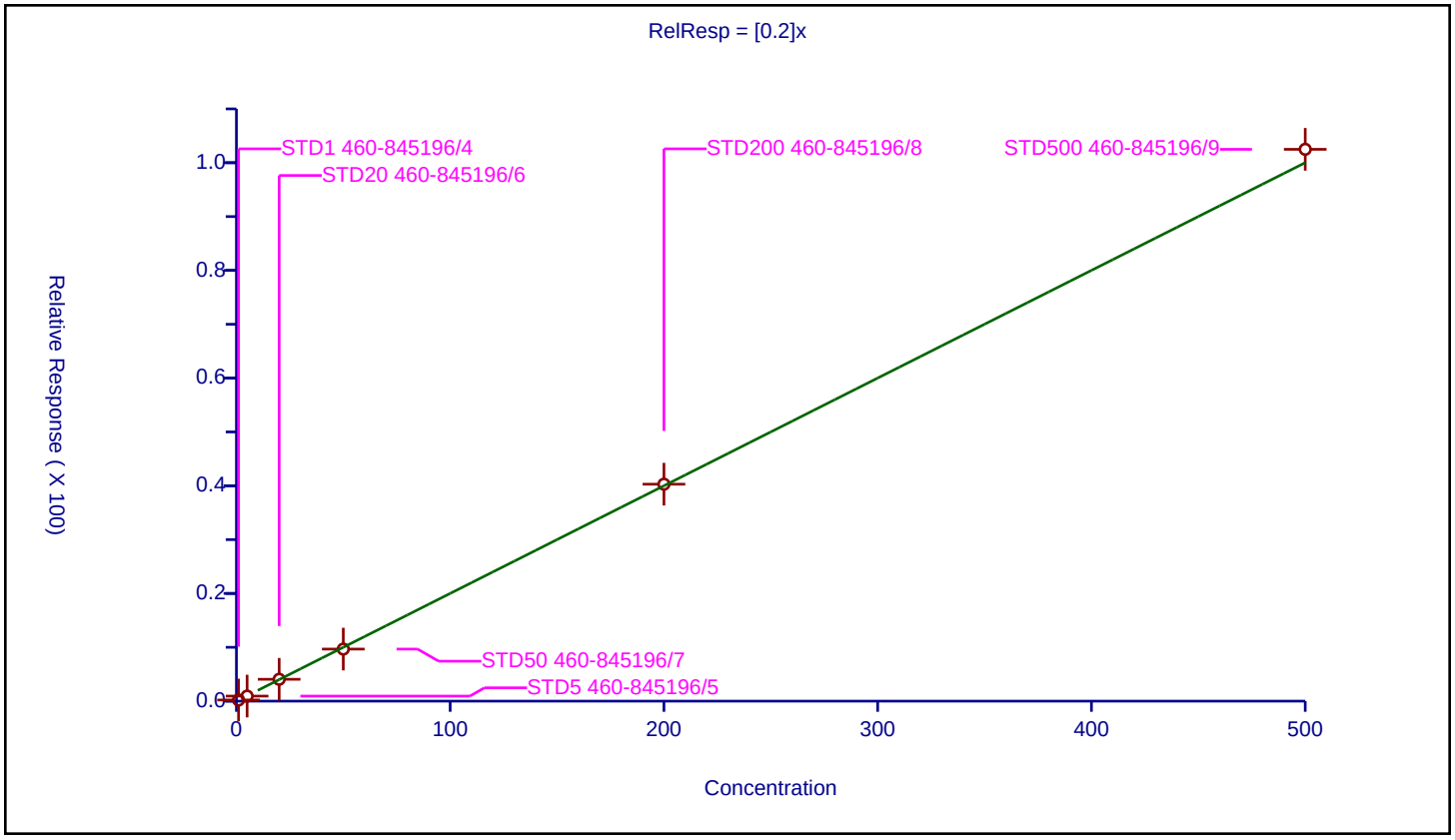
Curve Coefficients

Intercept:	0
Slope:	0.2

Error Coefficients

Standard Error:	739000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.209503	50.0	563953.0	0.209503	Y
2	STD5 460-845196/5	5.0	0.939673	50.0	537368.0	0.187935	Y
3	STD20 460-845196/6	20.0	4.057305	50.0	568641.0	0.202865	Y
4	STD50 460-845196/7	50.0	9.66771	50.0	628727.0	0.193354	Y
5	STD200 460-845196/8	200.0	40.293202	50.0	663092.0	0.201466	Y
6	STD500 460-845196/9	500.0	102.491772	50.0	760523.0	0.204984	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

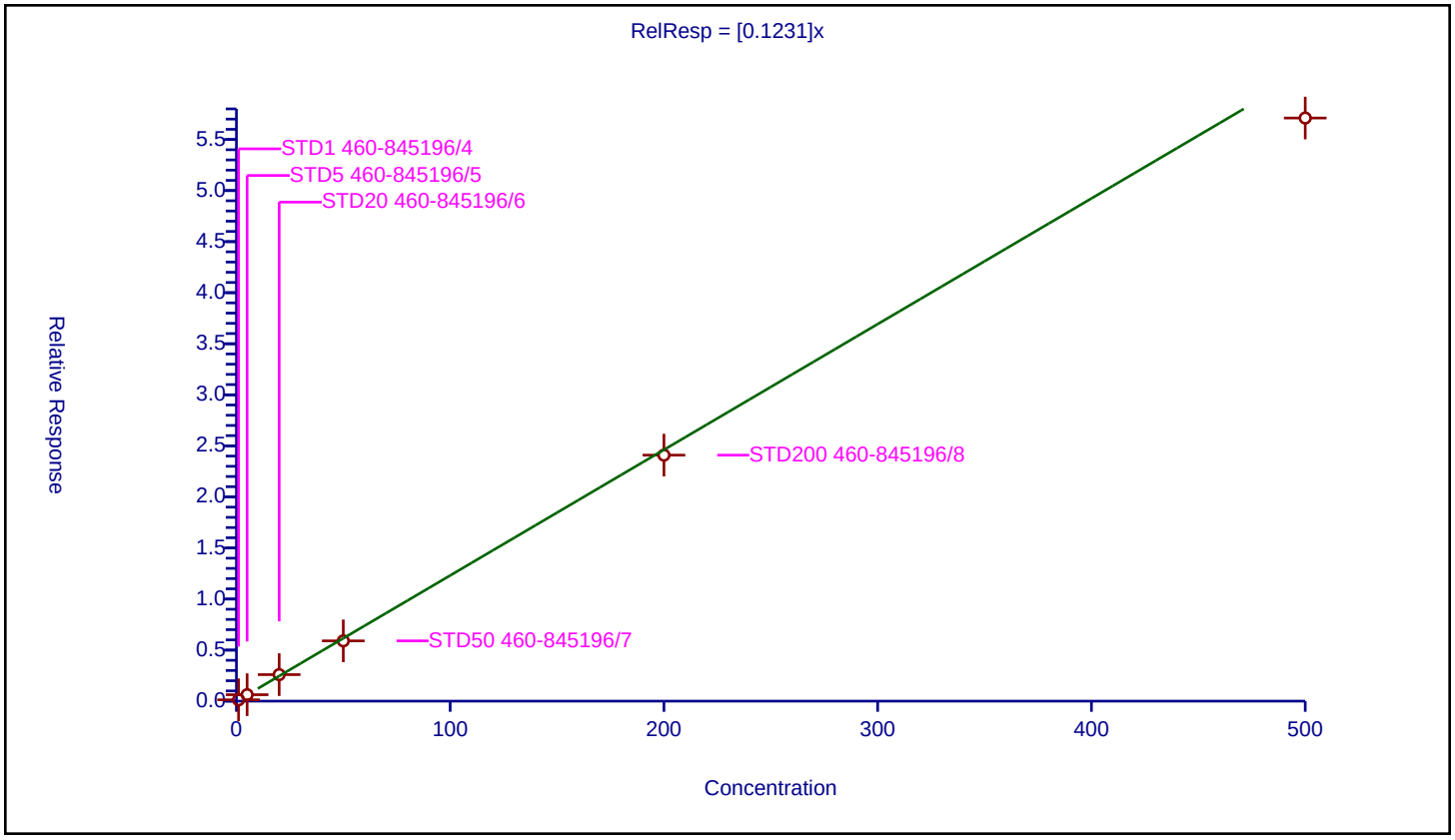
Curve Coefficients

Intercept:	0
Slope:	0.1231

Error Coefficients

Standard Error:	415000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.129975	50.0	563953.0	0.129975	Y
2	STD5 460-845196/5	5.0	0.629736	50.0	537368.0	0.125947	Y
3	STD20 460-845196/6	20.0	2.597597	50.0	568641.0	0.12988	Y
4	STD50 460-845196/7	50.0	5.900097	50.0	628727.0	0.118002	Y
5	STD200 460-845196/8	200.0	24.091453	50.0	663092.0	0.120457	Y
6	STD500 460-845196/9	500.0	57.105242	50.0	760523.0	0.11421	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

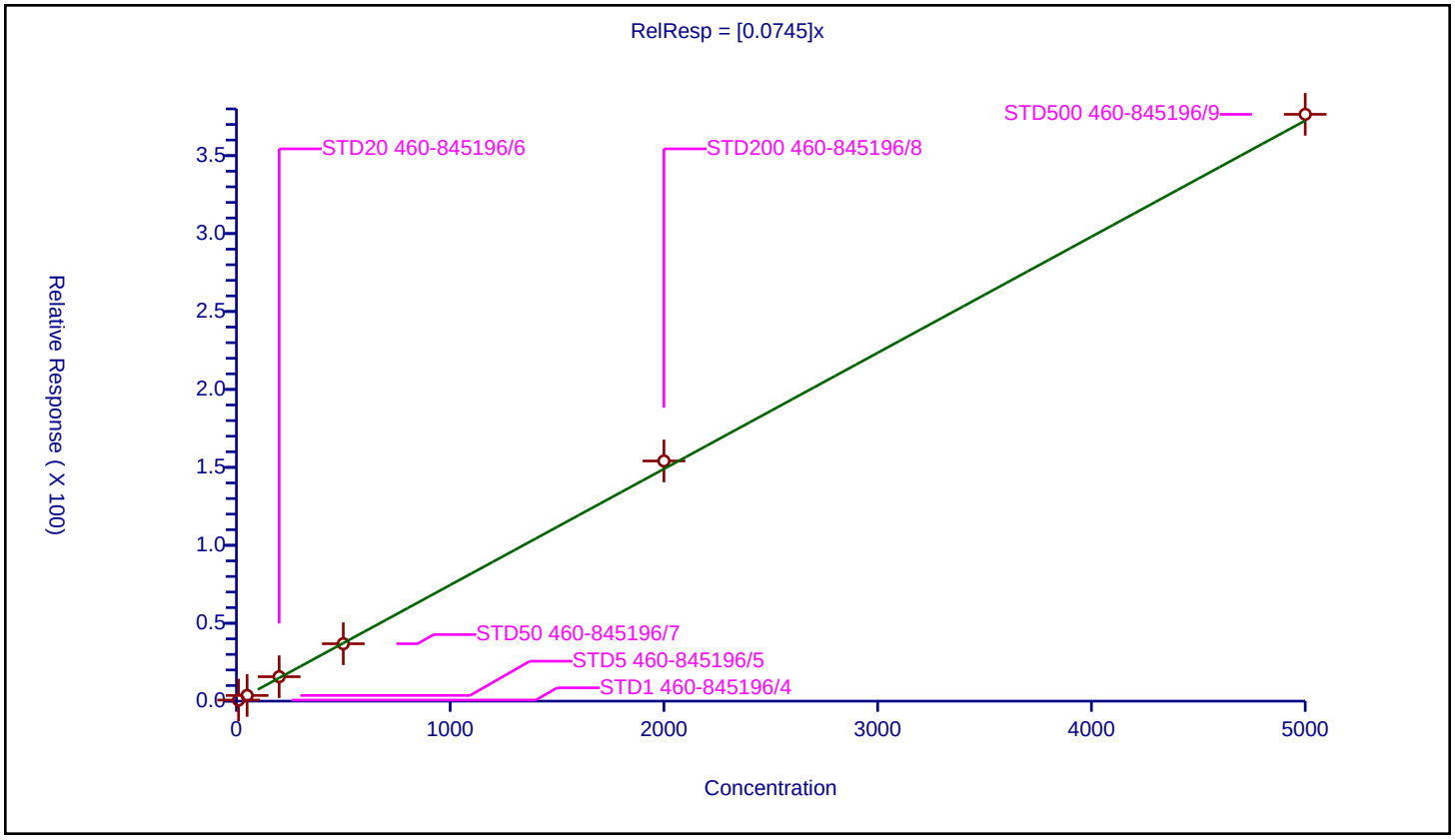
Curve Coefficients

Intercept:	0
Slope:	0.0745

Error Coefficients

Standard Error:	2730000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	10.0	0.697044	50.0	563953.0	0.069704	Y
2	STD5 460-845196/5	50.0	3.645919	50.0	537368.0	0.072918	Y
3	STD20 460-845196/6	200.0	15.670959	50.0	568641.0	0.078355	Y
4	STD50 460-845196/7	500.0	36.828465	50.0	628727.0	0.073657	Y
5	STD200 460-845196/8	2000.0	154.097471	50.0	663092.0	0.077049	Y
6	STD500 460-845196/9	5000.0	376.509586	50.0	760523.0	0.075302	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

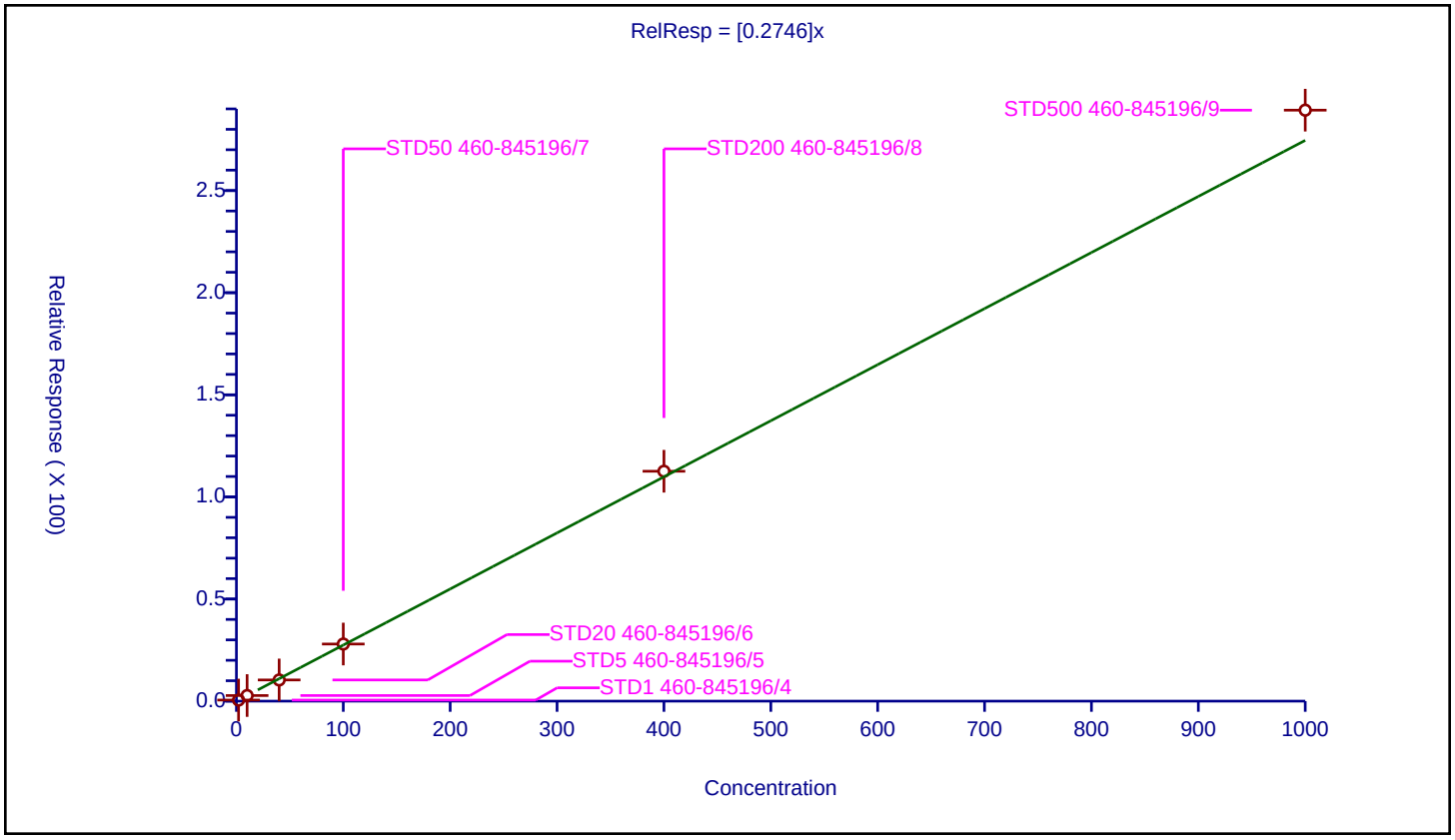
Curve Coefficients

Intercept:	0
Slope:	0.2746

Error Coefficients

Standard Error:	199000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	2.0	0.526761	250.0	243469.0	0.263381	Y
2	STD5 460-845196/5	10.0	2.743011	250.0	260389.0	0.274301	Y
3	STD20 460-845196/6	40.0	10.375019	250.0	280626.0	0.259375	Y
4	STD50 460-845196/7	100.0	27.966842	250.0	273717.0	0.279668	Y
5	STD200 460-845196/8	400.0	112.573028	250.0	326930.0	0.281433	Y
6	STD500 460-845196/9	1000.0	289.375432	250.0	362923.0	0.289375	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

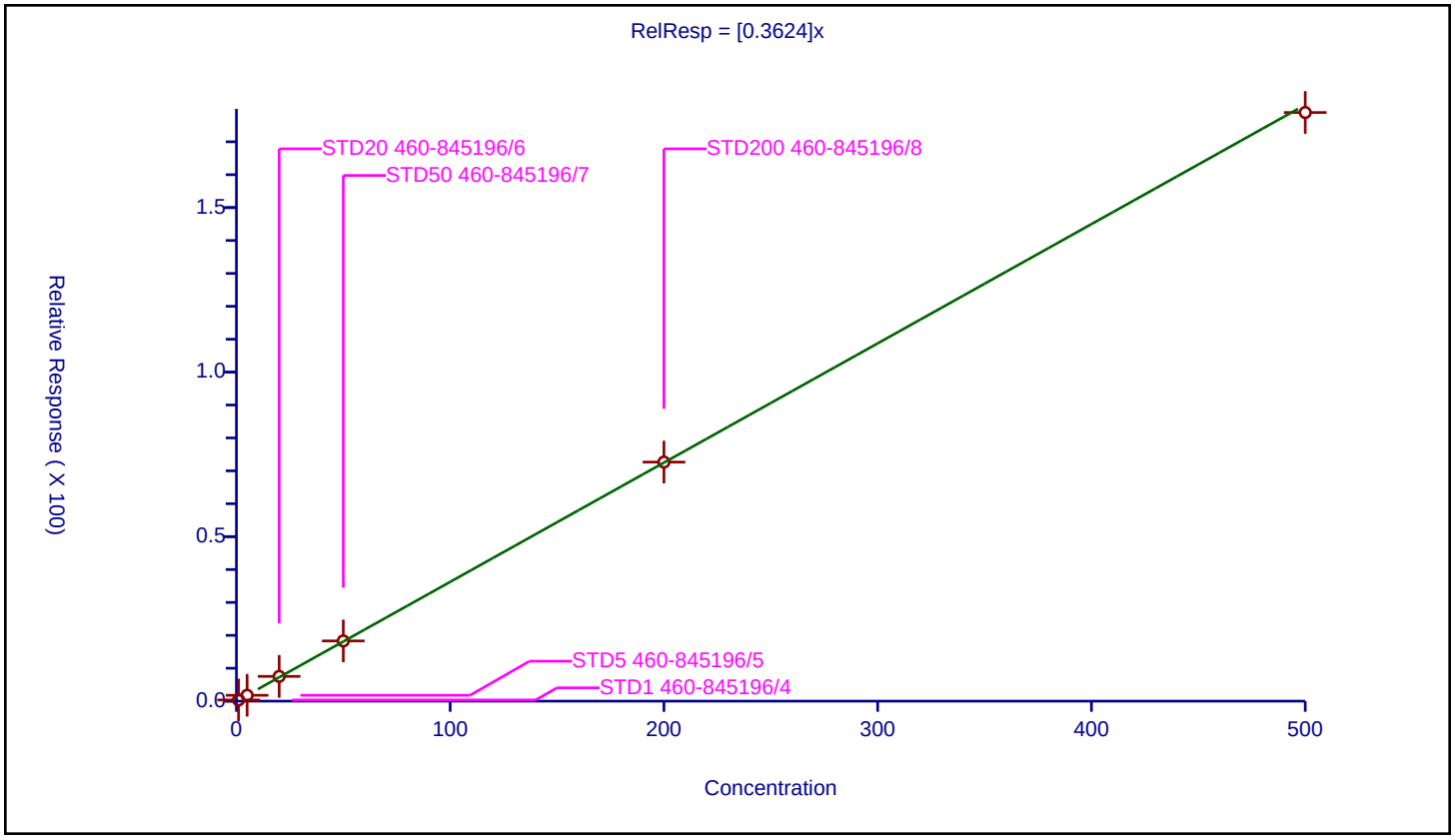
Curve Coefficients

Intercept:	0
Slope:	0.3624

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	2.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.355615	50.0	563953.0	0.355615	Y
2	STD5 460-845196/5	5.0	1.778576	50.0	537368.0	0.355715	Y
3	STD20 460-845196/6	20.0	7.524783	50.0	568641.0	0.376239	Y
4	STD50 460-845196/7	50.0	18.301982	50.0	628727.0	0.36604	Y
5	STD200 460-845196/8	200.0	72.655227	50.0	663092.0	0.363276	Y
6	STD500 460-845196/9	500.0	178.898008	50.0	760523.0	0.357796	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

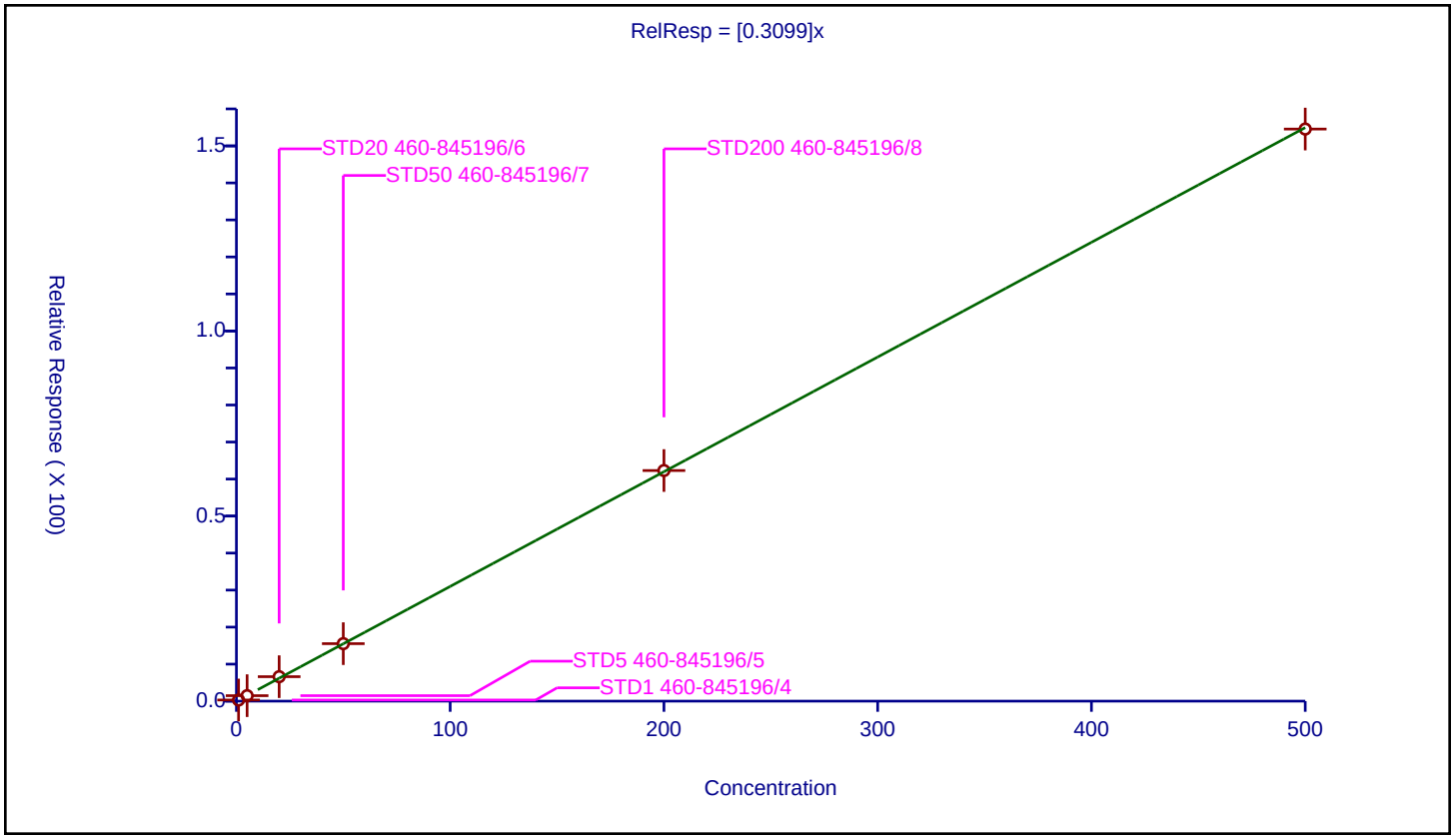
Curve Coefficients

Intercept:	0
Slope:	0.3099

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.302241	50.0	563953.0	0.302241	Y
2	STD5 460-845196/5	5.0	1.476735	50.0	537368.0	0.295347	Y
3	STD20 460-845196/6	20.0	6.608387	50.0	568641.0	0.330419	Y
4	STD50 460-845196/7	50.0	15.532974	50.0	628727.0	0.310659	Y
5	STD200 460-845196/8	200.0	62.299349	50.0	663092.0	0.311497	Y
6	STD500 460-845196/9	500.0	154.556601	50.0	760523.0	0.309113	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

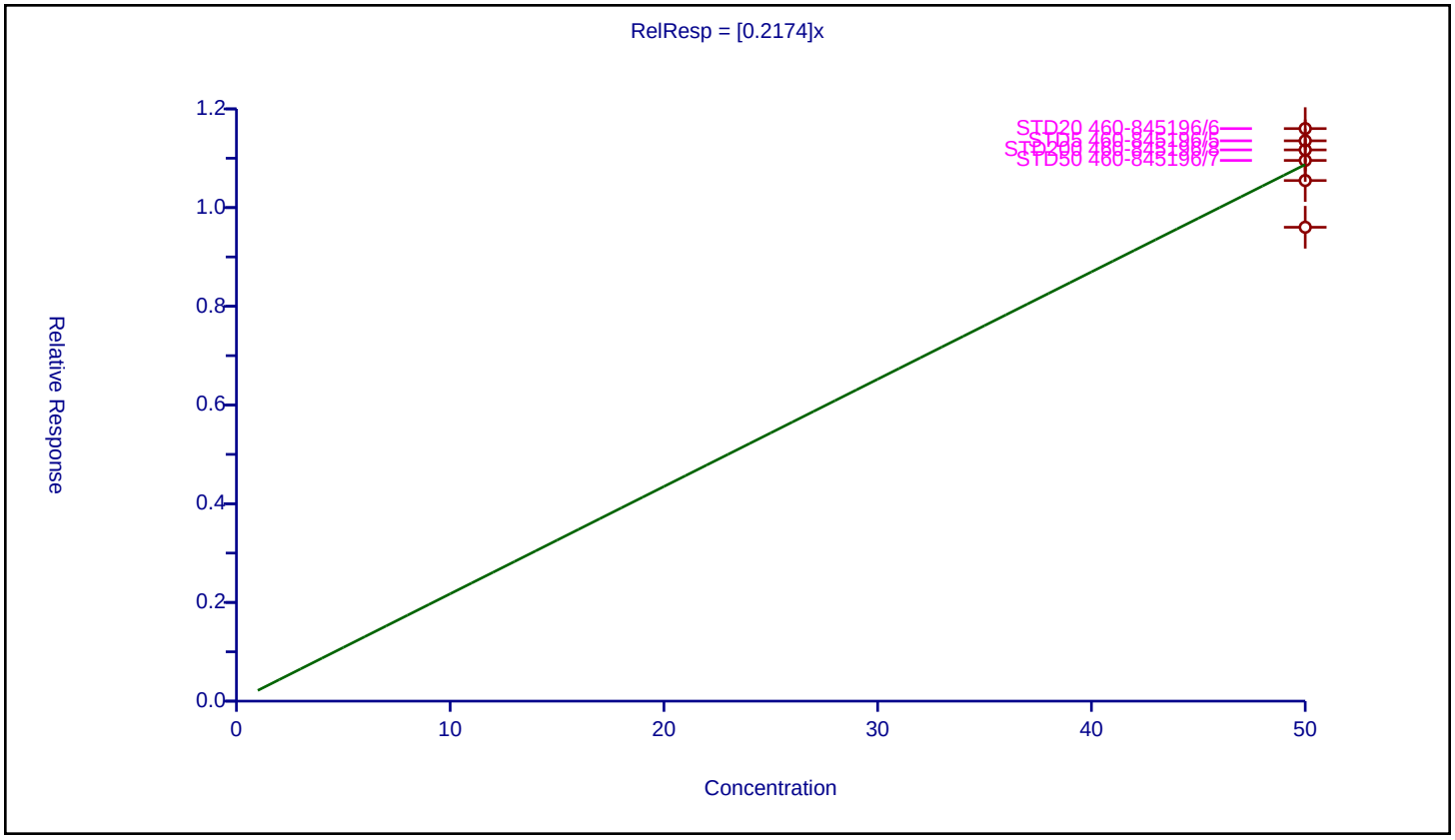
Curve Coefficients

Intercept:	0
Slope:	0.2174

Error Coefficients

Standard Error:	147000
Relative Standard Error:	6.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	50.0	10.548397	50.0	563953.0	0.210968	Y
2	STD5 460-845196/5	50.0	11.353579	50.0	537368.0	0.227072	Y
3	STD20 460-845196/6	50.0	11.600641	50.0	568641.0	0.232013	Y
4	STD50 460-845196/7	50.0	10.956027	50.0	628727.0	0.219121	Y
5	STD200 460-845196/8	50.0	11.168737	50.0	663092.0	0.223375	Y
6	STD500 460-845196/9	50.0	9.602011	50.0	760523.0	0.19204	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

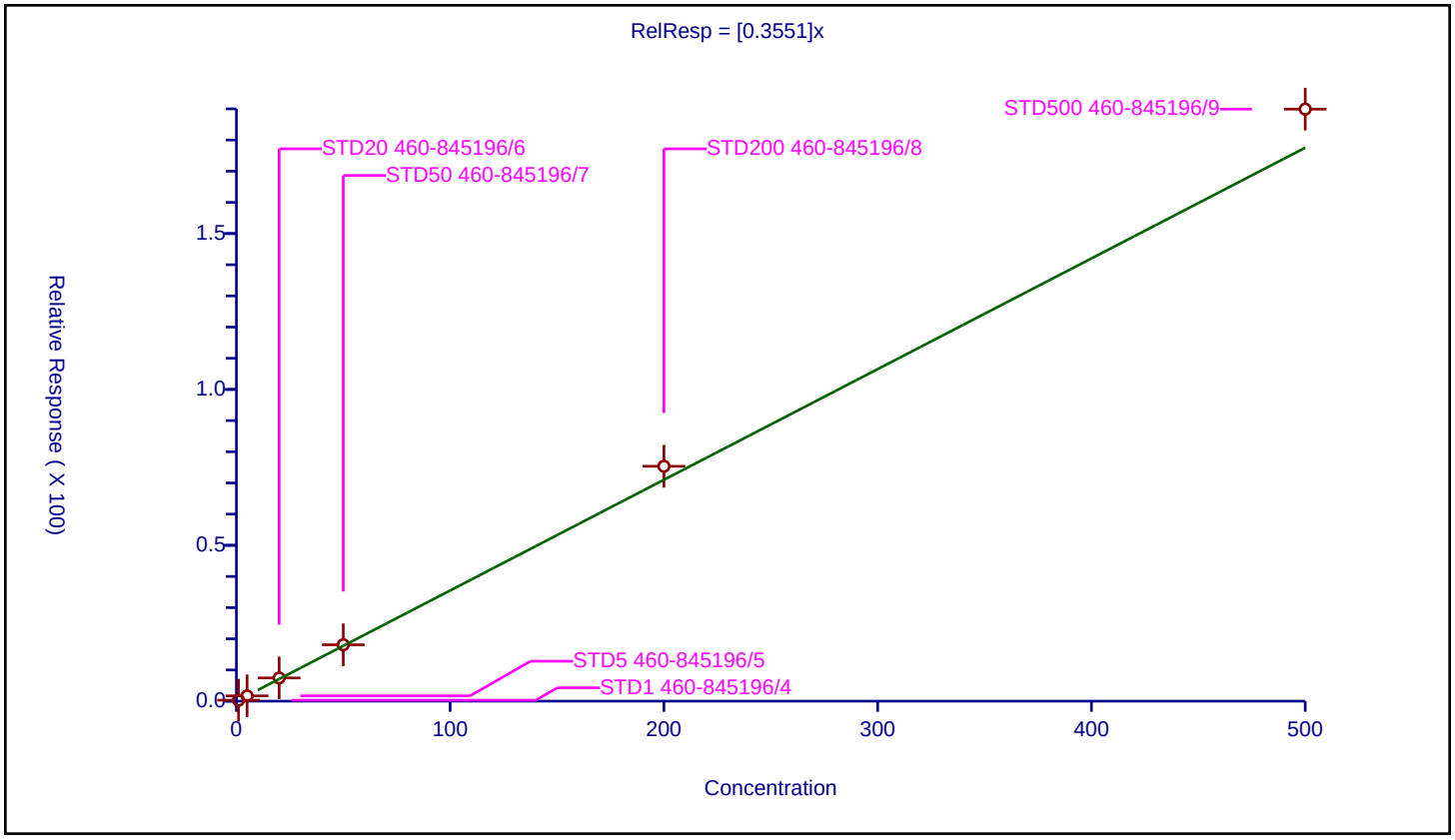
Curve Coefficients

Intercept:	0
Slope:	0.3551

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	8.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.300646	50.0	563953.0	0.300646	Y
2	STD5 460-845196/5	5.0	1.694928	50.0	537368.0	0.338986	Y
3	STD20 460-845196/6	20.0	7.447229	50.0	568641.0	0.372361	Y
4	STD50 460-845196/7	50.0	18.086944	50.0	628727.0	0.361739	Y
5	STD200 460-845196/8	200.0	75.351912	50.0	663092.0	0.37676	Y
6	STD500 460-845196/9	500.0	189.912731	50.0	760523.0	0.379825	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

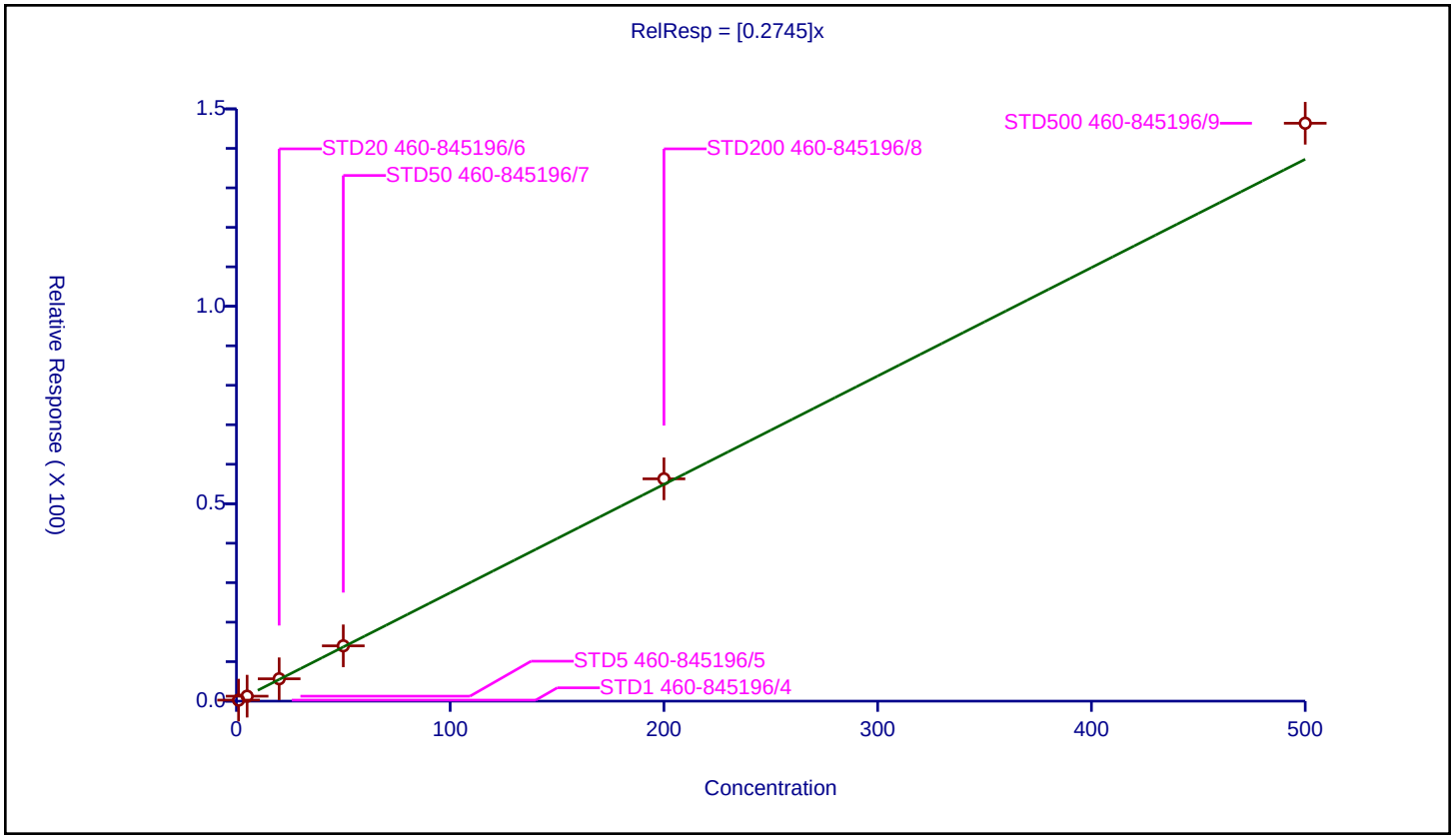
Curve Coefficients

Intercept:	0
Slope:	0.2745

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.258355	50.0	563953.0	0.258355	Y
2	STD5 460-845196/5	5.0	1.255843	50.0	537368.0	0.251169	Y
3	STD20 460-845196/6	20.0	5.661305	50.0	568641.0	0.283065	Y
4	STD50 460-845196/7	50.0	14.008465	50.0	628727.0	0.280169	Y
5	STD200 460-845196/8	200.0	56.305158	50.0	663092.0	0.281526	Y
6	STD500 460-845196/9	500.0	146.367368	50.0	760523.0	0.292735	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

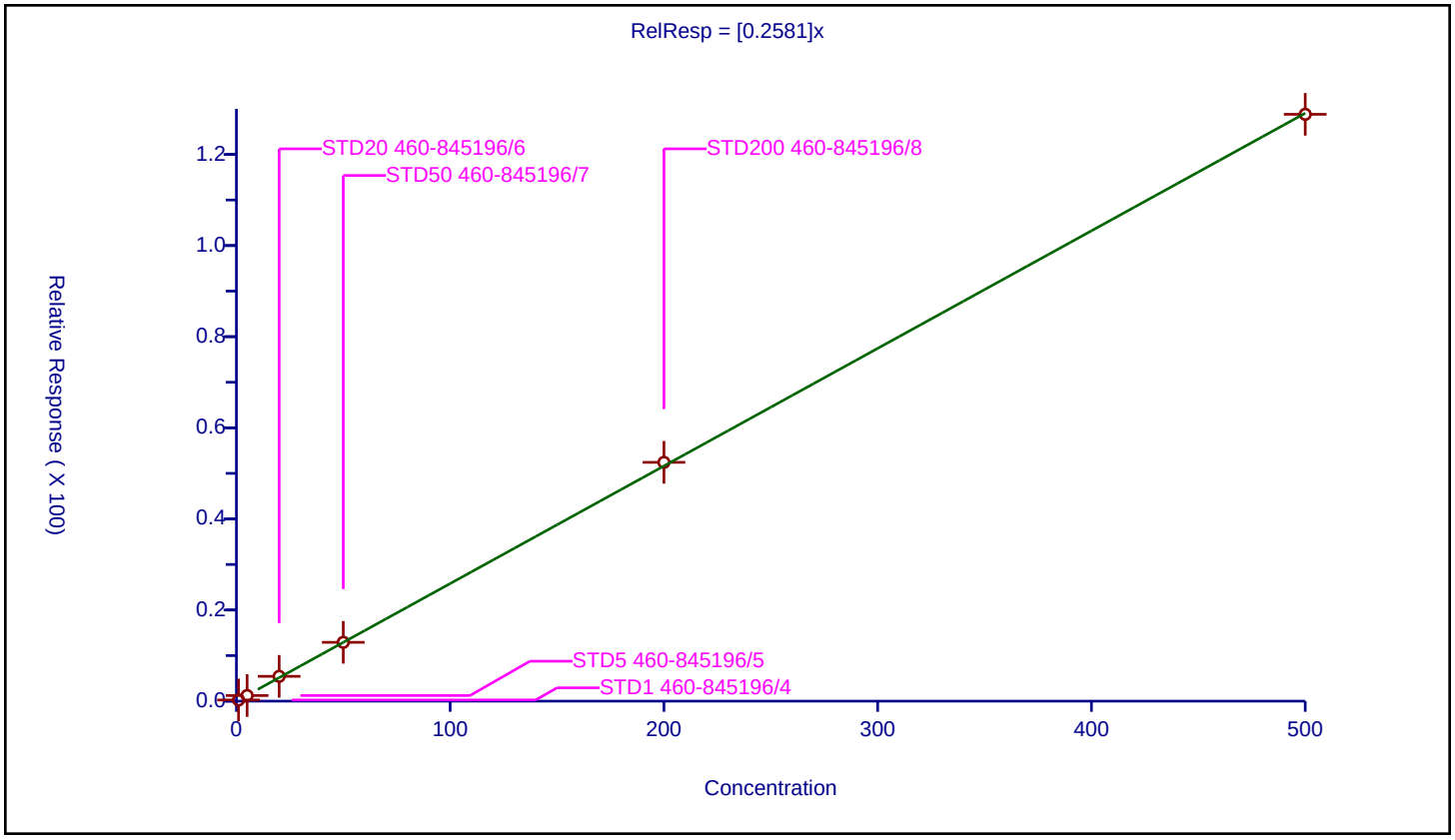
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Standard Error:	933000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.252237	50.0	563953.0	0.252237	Y
2	STD5 460-845196/5	5.0	1.231465	50.0	537368.0	0.246293	Y
3	STD20 460-845196/6	20.0	5.443417	50.0	568641.0	0.272171	Y
4	STD50 460-845196/7	50.0	12.90918	50.0	628727.0	0.258184	Y
5	STD200 460-845196/8	200.0	52.413692	50.0	663092.0	0.262068	Y
6	STD500 460-845196/9	500.0	128.805046	50.0	760523.0	0.25761	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

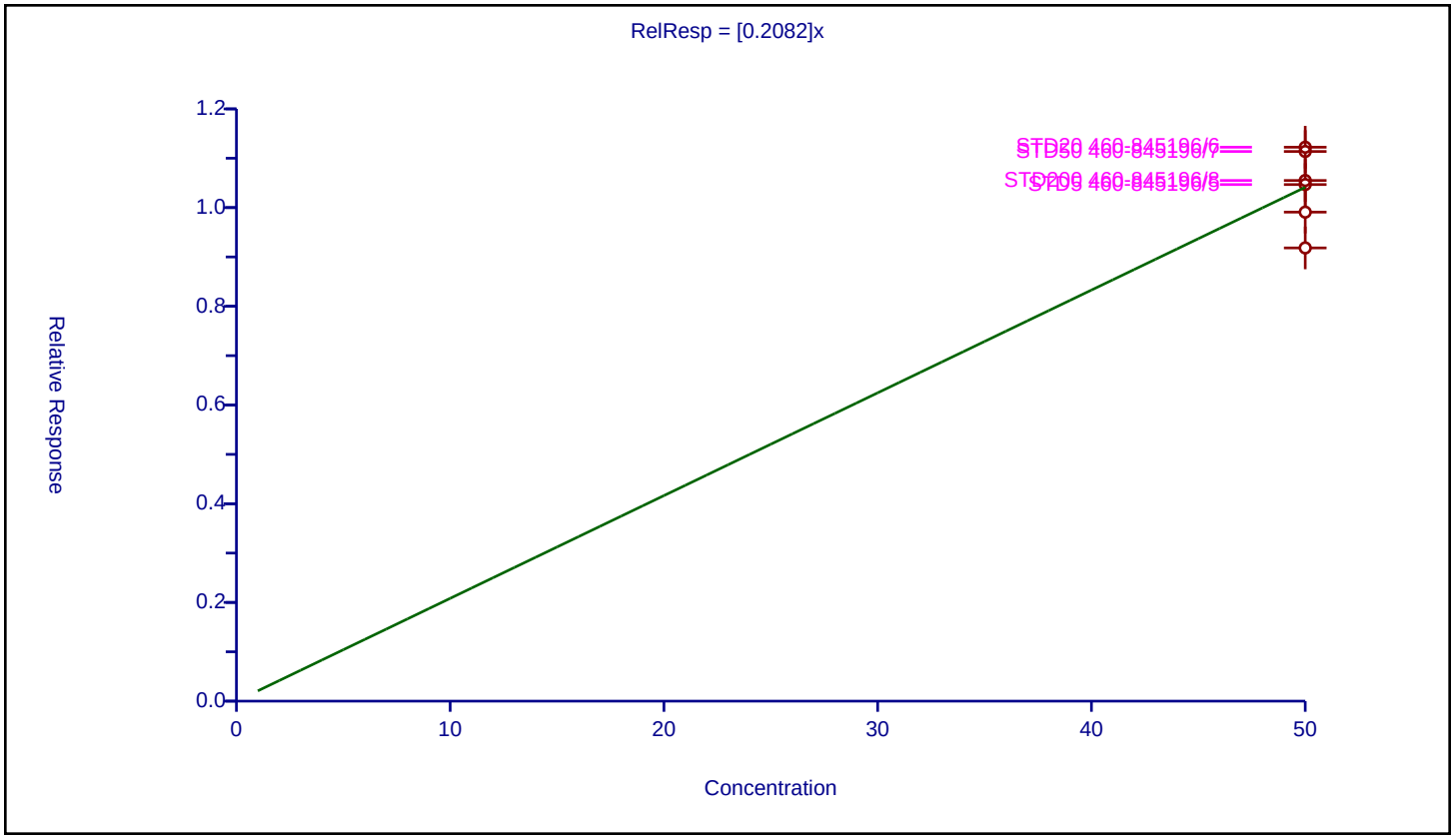
Curve Coefficients

Intercept:	0
Slope:	0.2082

Error Coefficients

Standard Error:	142000
Relative Standard Error:	7.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000333

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	50.0	9.908272	50.0	563953.0	0.198165	Y
2	STD5 460-845196/5	50.0	10.466756	50.0	537368.0	0.209335	Y
3	STD20 460-845196/6	50.0	11.223338	50.0	568641.0	0.224467	Y
4	STD50 460-845196/7	50.0	11.137187	50.0	628727.0	0.222744	Y
5	STD200 460-845196/8	50.0	10.549215	50.0	663092.0	0.210984	Y
6	STD500 460-845196/9	50.0	9.18322	50.0	760523.0	0.183664	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

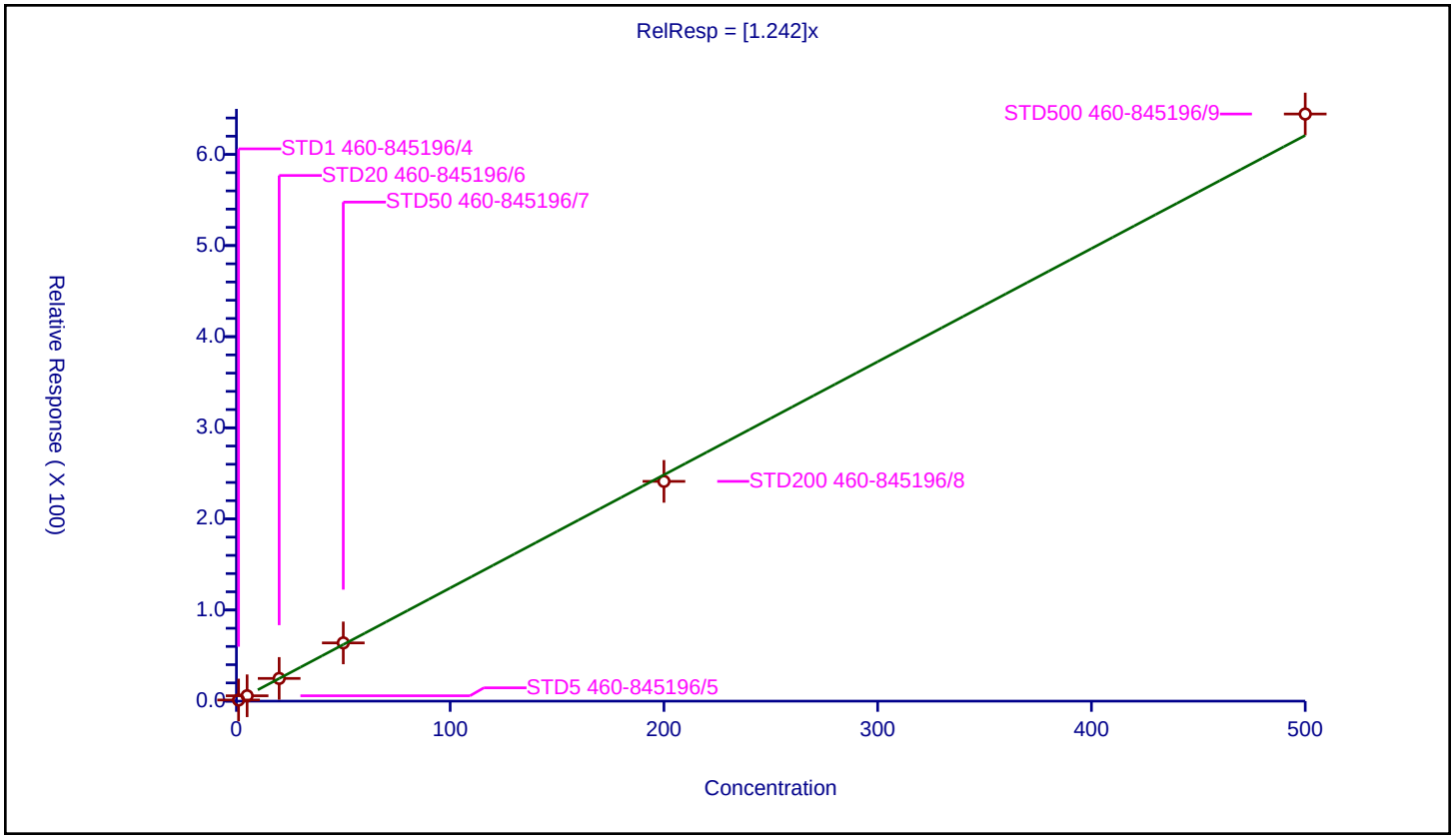
Curve Coefficients

Intercept:	0
Slope:	1.242

Error Coefficients

Standard Error:	3180000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.252942	50.0	390042.0	1.252942	Y
2	STD5 460-845196/5	5.0	5.89502	50.0	375444.0	1.179004	Y
3	STD20 460-845196/6	20.0	24.912427	50.0	405089.0	1.245621	Y
4	STD50 460-845196/7	50.0	63.921361	50.0	425745.0	1.278427	Y
5	STD200 460-845196/8	200.0	241.201138	50.0	476823.0	1.206006	Y
6	STD500 460-845196/9	500.0	644.377846	50.0	520868.0	1.288756	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

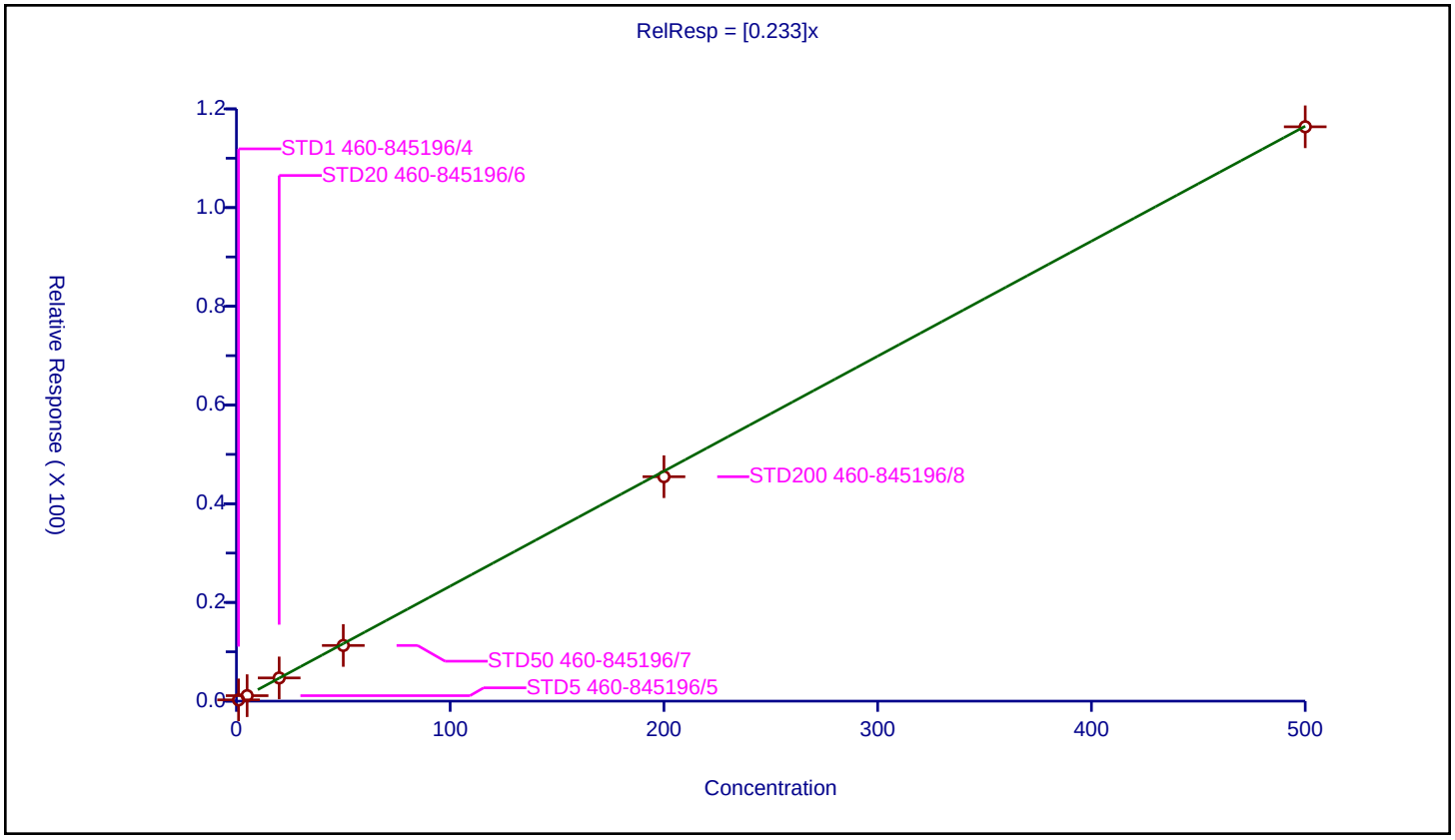
Curve Coefficients

Intercept:	0
Slope:	0.233

Error Coefficients

Standard Error:	839000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.254808	50.0	563953.0	0.254808	Y
2	STD5 460-845196/5	5.0	1.111529	50.0	537368.0	0.222306	Y
3	STD20 460-845196/6	20.0	4.701736	50.0	568641.0	0.235087	Y
4	STD50 460-845196/7	50.0	11.281287	50.0	628727.0	0.225626	Y
5	STD200 460-845196/8	200.0	45.47559	50.0	663092.0	0.227378	Y
6	STD500 460-845196/9	500.0	116.374127	50.0	760523.0	0.232748	Y



Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

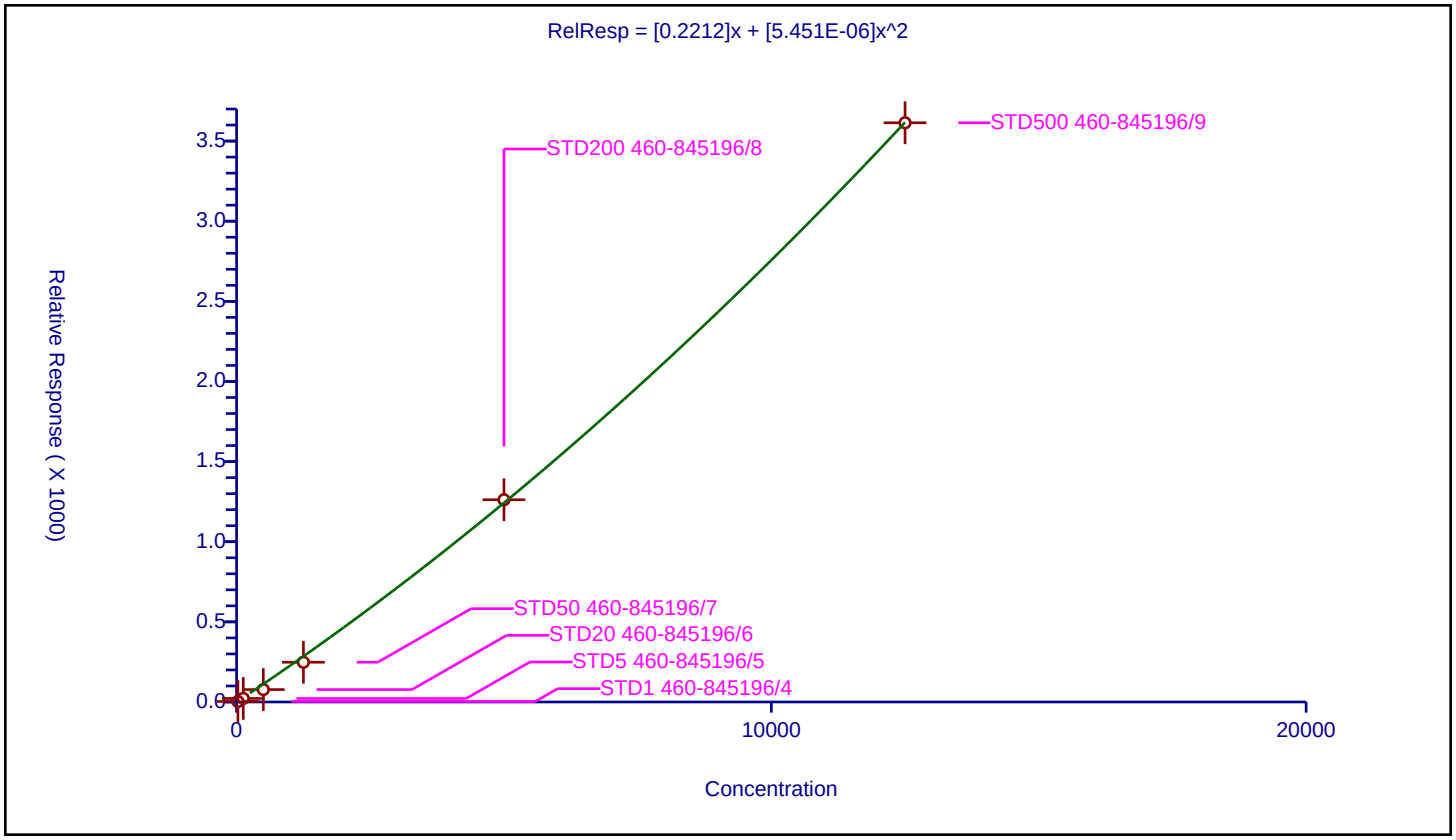
Curve Coefficients

Intercept:	0
Slope:	0.2212
Second Order:	5.451E-06

Error Coefficients

Standard Error:	645000
Relative Standard Error:	27.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	25.0	3.31751	1000.0	259532.0	0.1327	Y
2	STD5 460-845196/5	125.0	22.040619	1000.0	285972.0	0.176325	Y
3	STD20 460-845196/6	500.0	77.380685	1000.0	311486.0	0.154761	Y
4	STD50 460-845196/7	1250.0	248.050693	1000.0	267018.0	0.198441	Y
5	STD200 460-845196/8	5000.0	1261.969844	1000.0	317548.0	0.252394	Y
6	STD500 460-845196/9	12500.0	3614.12604	1000.0	340067.0	0.28913	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

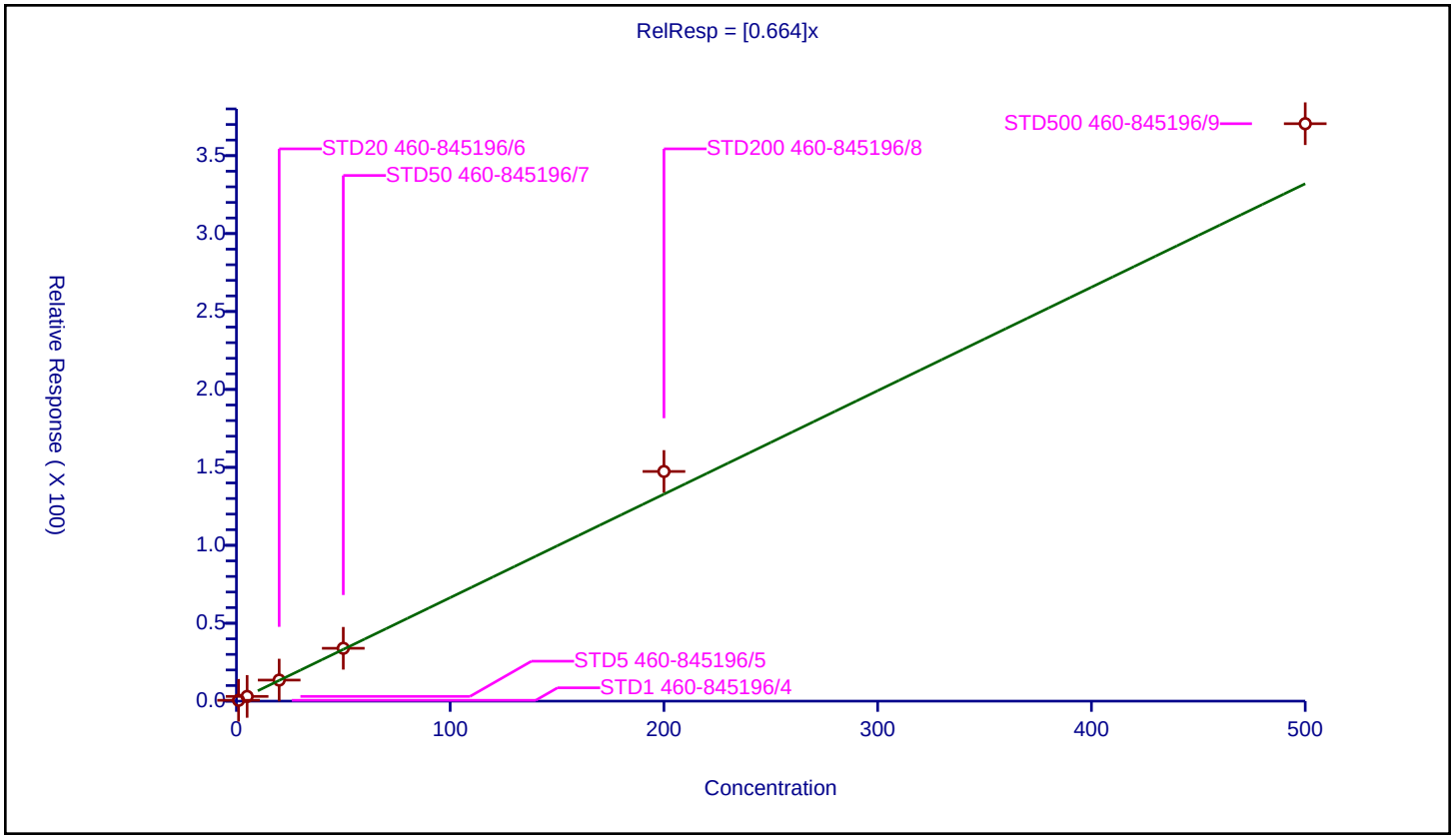
Curve Coefficients

Intercept:	0
Slope:	0.664

Error Coefficients

Standard Error:	2680000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.545879	50.0	563953.0	0.545879	Y
2	STD5 460-845196/5	5.0	3.031721	50.0	537368.0	0.606344	Y
3	STD20 460-845196/6	20.0	13.510985	50.0	568641.0	0.675549	Y
4	STD50 460-845196/7	50.0	33.910028	50.0	628727.0	0.678201	Y
5	STD200 460-845196/8	200.0	147.374949	50.0	663092.0	0.736875	Y
6	STD500 460-845196/9	500.0	370.501747	50.0	760523.0	0.741003	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

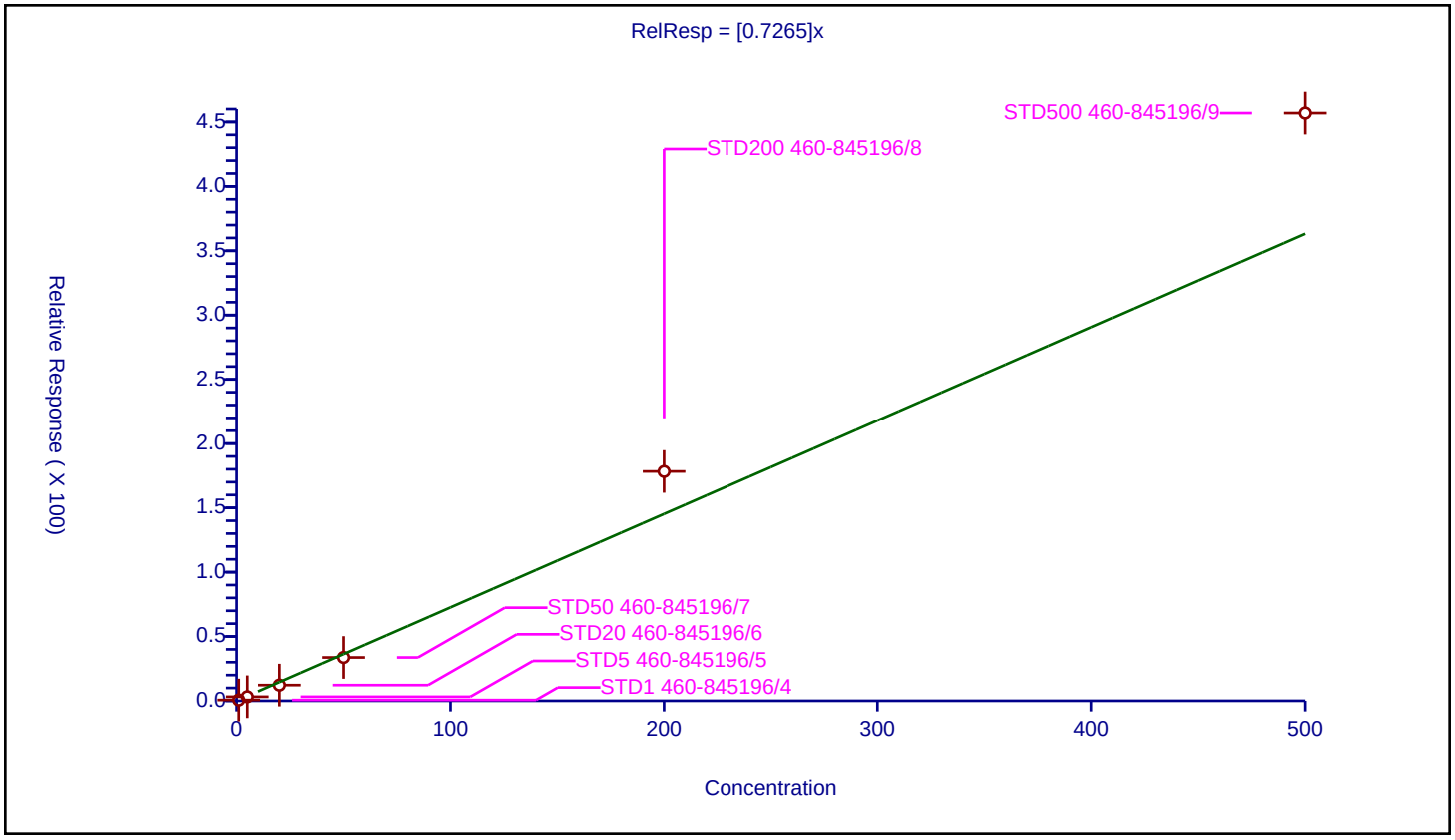
Curve Coefficients

Intercept:	0
Slope:	0.7265

Error Coefficients

Standard Error:	3290000
Relative Standard Error:	19.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.640124	50.0	563953.0	0.640124	Y
2	STD5 460-845196/5	5.0	3.145238	50.0	537368.0	0.629048	Y
3	STD20 460-845196/6	20.0	12.213857	50.0	568641.0	0.610693	Y
4	STD50 460-845196/7	50.0	33.680119	50.0	628727.0	0.673602	Y
5	STD200 460-845196/8	200.0	178.333399	50.0	663092.0	0.891667	Y
6	STD500 460-845196/9	500.0	456.87277	50.0	760523.0	0.913746	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

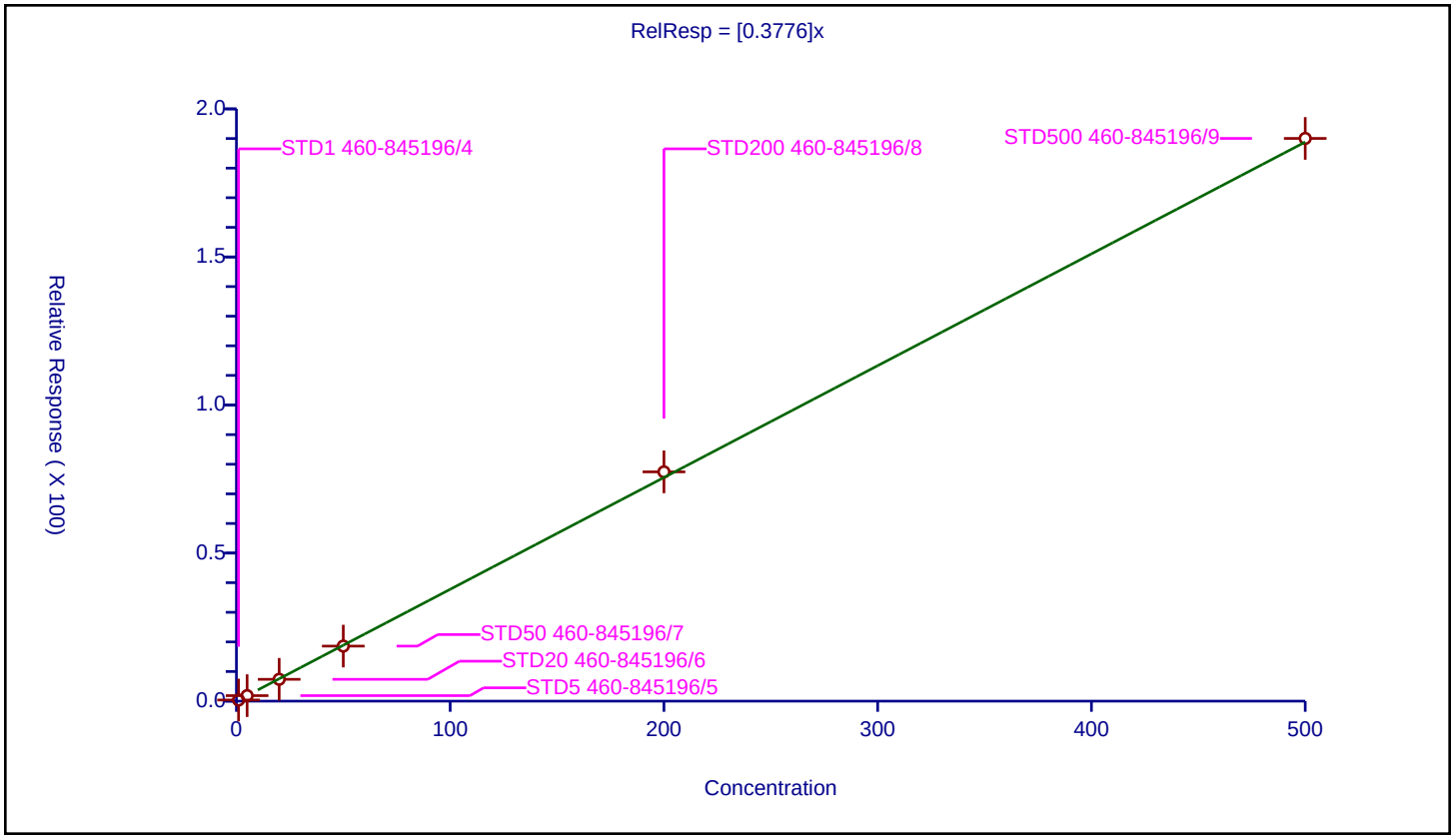
Curve Coefficients

Intercept:	0
Slope:	0.3776

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	2.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.38638	50.0	563953.0	0.38638	Y
2	STD5 460-845196/5	5.0	1.858503	50.0	537368.0	0.371701	Y
3	STD20 460-845196/6	20.0	7.371962	50.0	568641.0	0.368598	Y
4	STD50 460-845196/7	50.0	18.588752	50.0	628727.0	0.371775	Y
5	STD200 460-845196/8	200.0	77.431035	50.0	663092.0	0.387155	Y
6	STD500 460-845196/9	500.0	190.029296	50.0	760523.0	0.380059	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

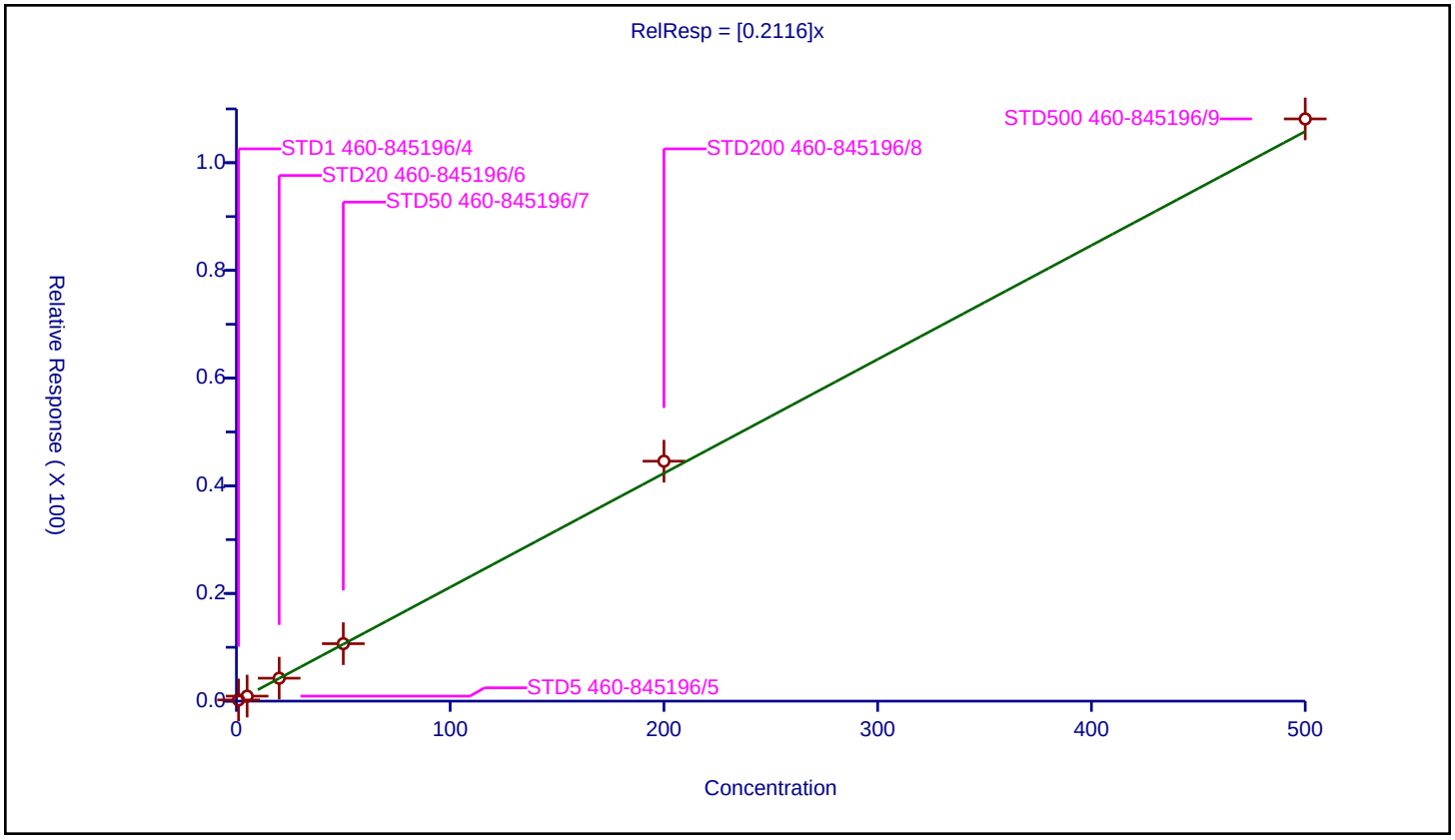
Curve Coefficients

Intercept:	0
Slope:	0.2116

Error Coefficients

Standard Error:	784000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.217749	50.0	563953.0	0.217749	Y
2	STD5 460-845196/5	5.0	0.932043	50.0	537368.0	0.186409	Y
3	STD20 460-845196/6	20.0	4.260069	50.0	568641.0	0.213003	Y
4	STD50 460-845196/7	50.0	10.671245	50.0	628727.0	0.213425	Y
5	STD200 460-845196/8	200.0	44.566139	50.0	663092.0	0.222831	Y
6	STD500 460-845196/9	500.0	108.141568	50.0	760523.0	0.216283	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

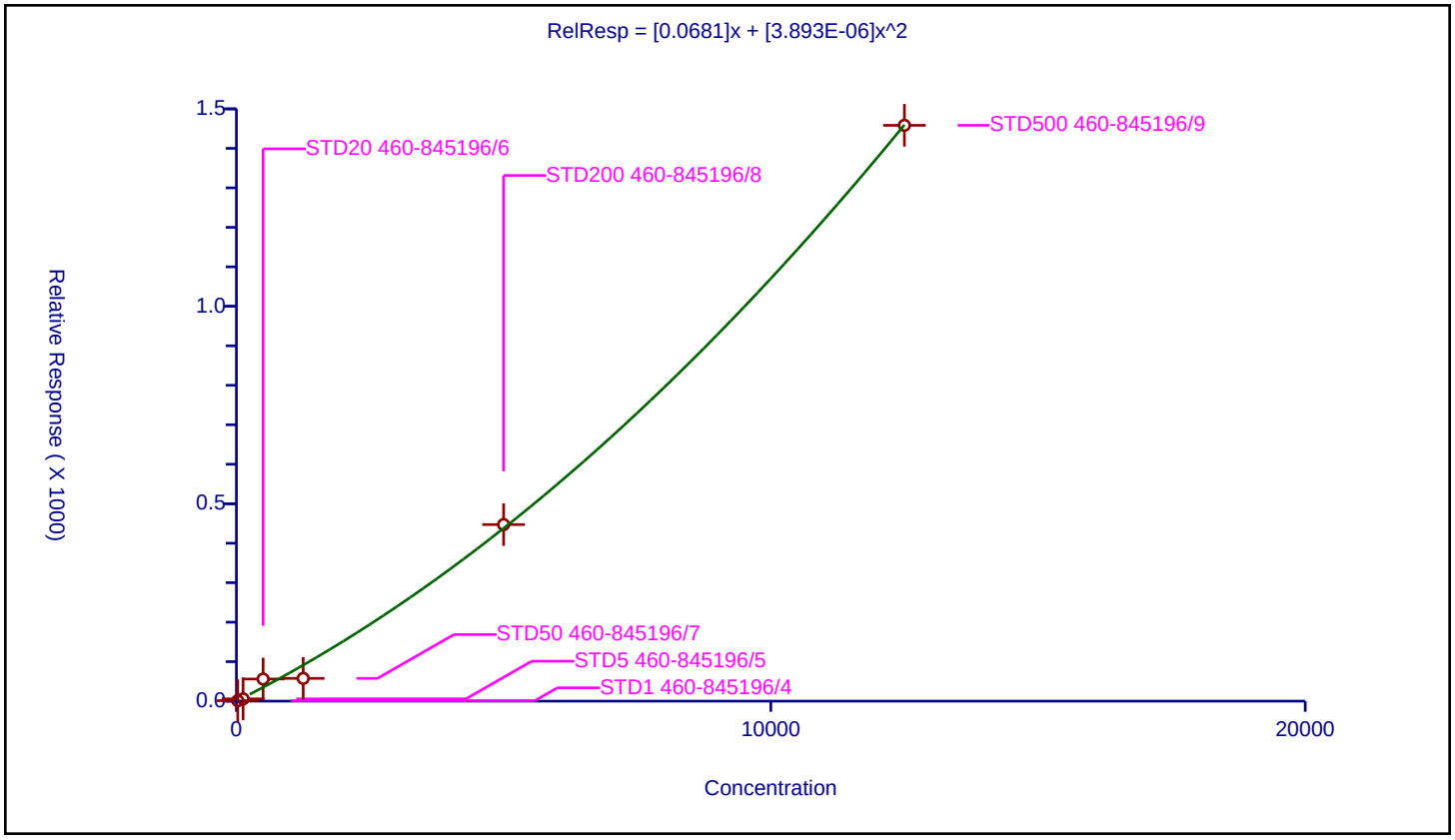
Curve Coefficients

Intercept:	0
Slope:	0.0681
Second Order:	3.893E-06

Error Coefficients

Standard Error:	257000
Relative Standard Error:	40.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	25.0	1.186752	1000.0	259532.0	0.04747	Y
2	STD5 460-845196/5	125.0	5.773292	1000.0	285972.0	0.046186	Y
3	STD20 460-845196/6	500.0	56.037832	1000.0	311486.0	0.112076	Y
4	STD50 460-845196/7	1250.0	57.636564	1000.0	267018.0	0.046109	Y
5	STD200 460-845196/8	5000.0	447.185937	1000.0	317548.0	0.089437	Y
6	STD500 460-845196/9	12500.0	1458.365557	1000.0	340067.0	0.116669	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

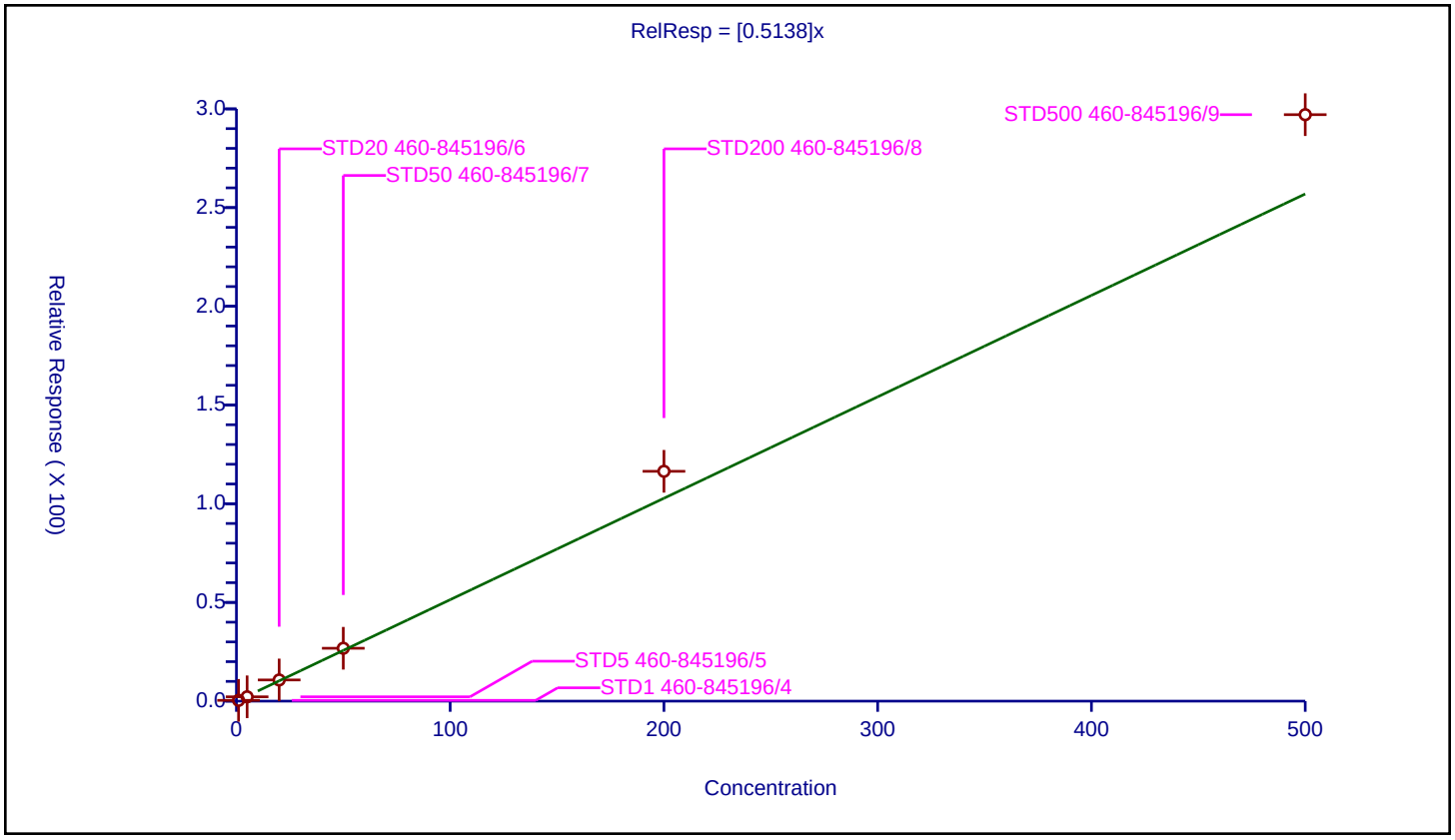
Curve Coefficients

Intercept:	0
Slope:	0.5138

Error Coefficients

Standard Error:	2140000
Relative Standard Error:	15.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.395689	50.0	563953.0	0.395689	Y
2	STD5 460-845196/5	5.0	2.191701	50.0	537368.0	0.43834	Y
3	STD20 460-845196/6	20.0	10.73498	50.0	568641.0	0.536749	Y
4	STD50 460-845196/7	50.0	26.792233	50.0	628727.0	0.535845	Y
5	STD200 460-845196/8	200.0	116.426529	50.0	663092.0	0.582133	Y
6	STD500 460-845196/9	500.0	297.074645	50.0	760523.0	0.594149	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

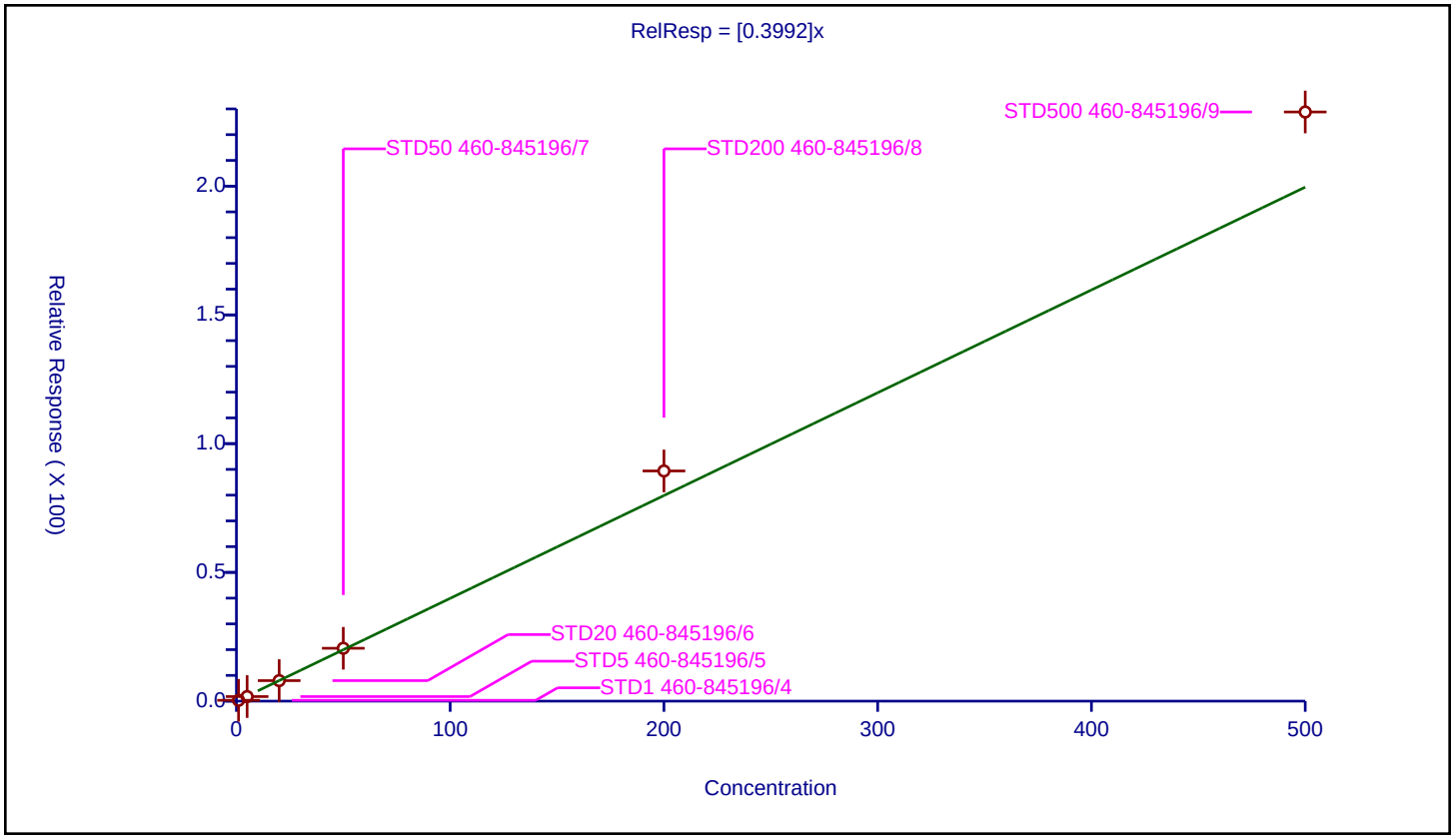
Curve Coefficients

Intercept:	0
Slope:	0.3992

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	12.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.326357	50.0	563953.0	0.326357	Y
2	STD5 460-845196/5	5.0	1.775506	50.0	537368.0	0.355101	Y
3	STD20 460-845196/6	20.0	7.972341	50.0	568641.0	0.398617	Y
4	STD50 460-845196/7	50.0	20.53602	50.0	628727.0	0.41072	Y
5	STD200 460-845196/8	200.0	89.390688	50.0	663092.0	0.446953	Y
6	STD500 460-845196/9	500.0	228.79571	50.0	760523.0	0.457591	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

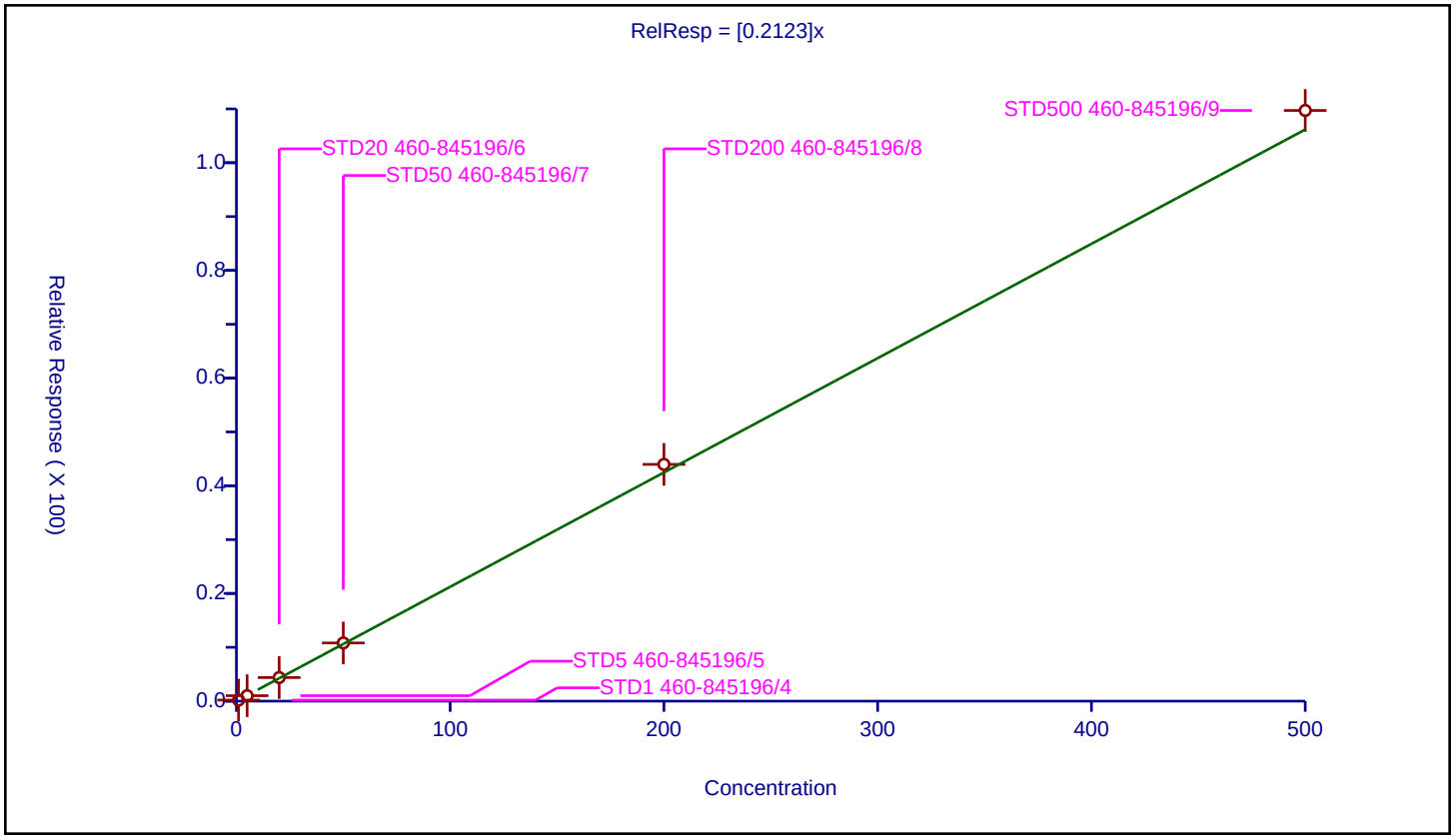
Curve Coefficients

Intercept:	0
Slope:	0.2123

Error Coefficients

Standard Error:	793000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.196736	50.0	563953.0	0.196736	Y
2	STD5 460-845196/5	5.0	1.013737	50.0	537368.0	0.202747	Y
3	STD20 460-845196/6	20.0	4.381939	50.0	568641.0	0.219097	Y
4	STD50 460-845196/7	50.0	10.805803	50.0	628727.0	0.216116	Y
5	STD200 460-845196/8	200.0	43.976929	50.0	663092.0	0.219885	Y
6	STD500 460-845196/9	500.0	109.708253	50.0	760523.0	0.219417	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

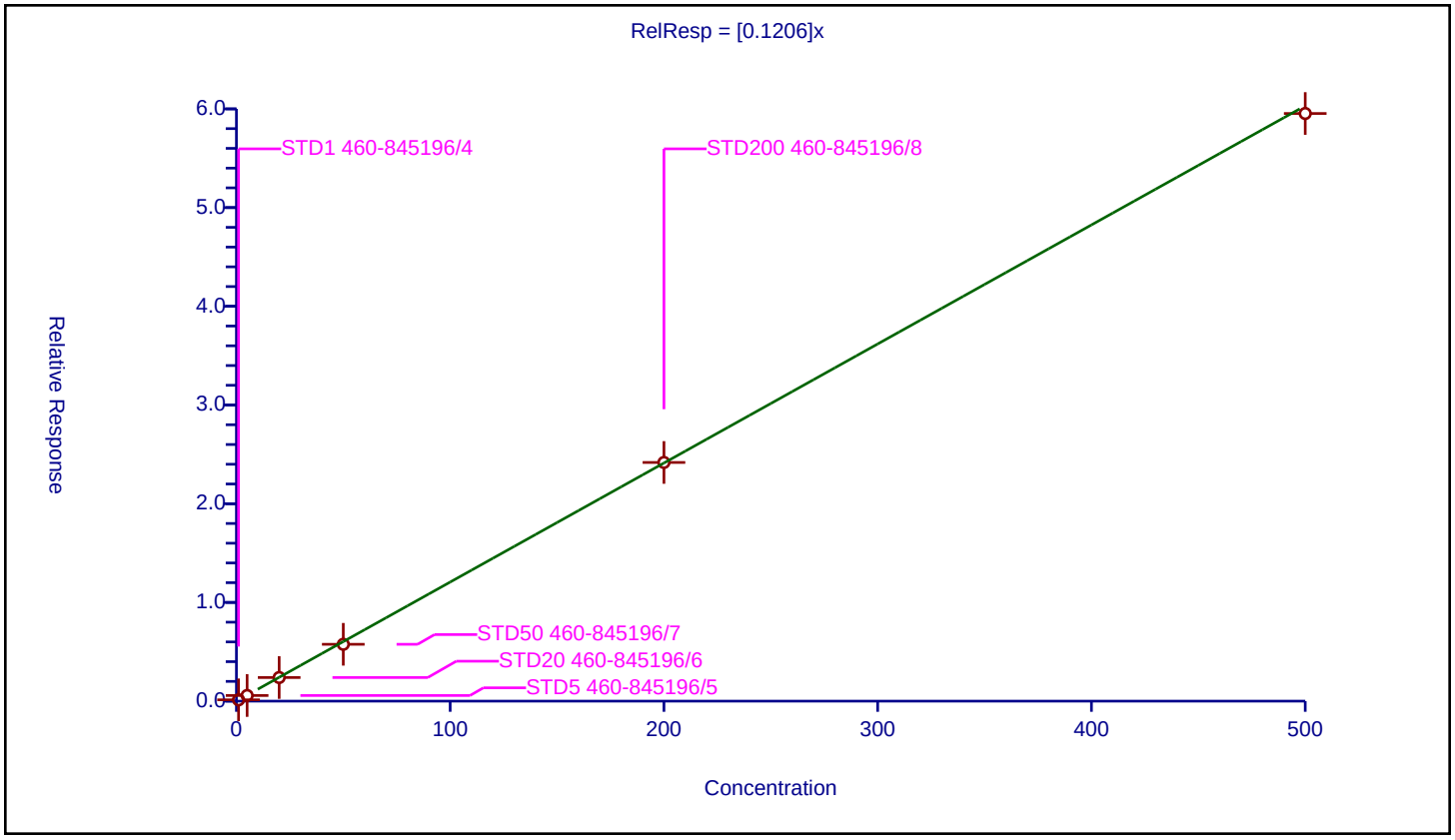
Curve Coefficients

Intercept:	0
Slope:	0.1206

Error Coefficients

Standard Error:	431000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.134674	50.0	563953.0	0.134674	Y
2	STD5 460-845196/5	5.0	0.571396	50.0	537368.0	0.114279	Y
3	STD20 460-845196/6	20.0	2.392195	50.0	568641.0	0.11961	Y
4	STD50 460-845196/7	50.0	5.7587	50.0	628727.0	0.115174	Y
5	STD200 460-845196/8	200.0	24.181486	50.0	663092.0	0.120907	Y
6	STD500 460-845196/9	500.0	59.532914	50.0	760523.0	0.119066	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

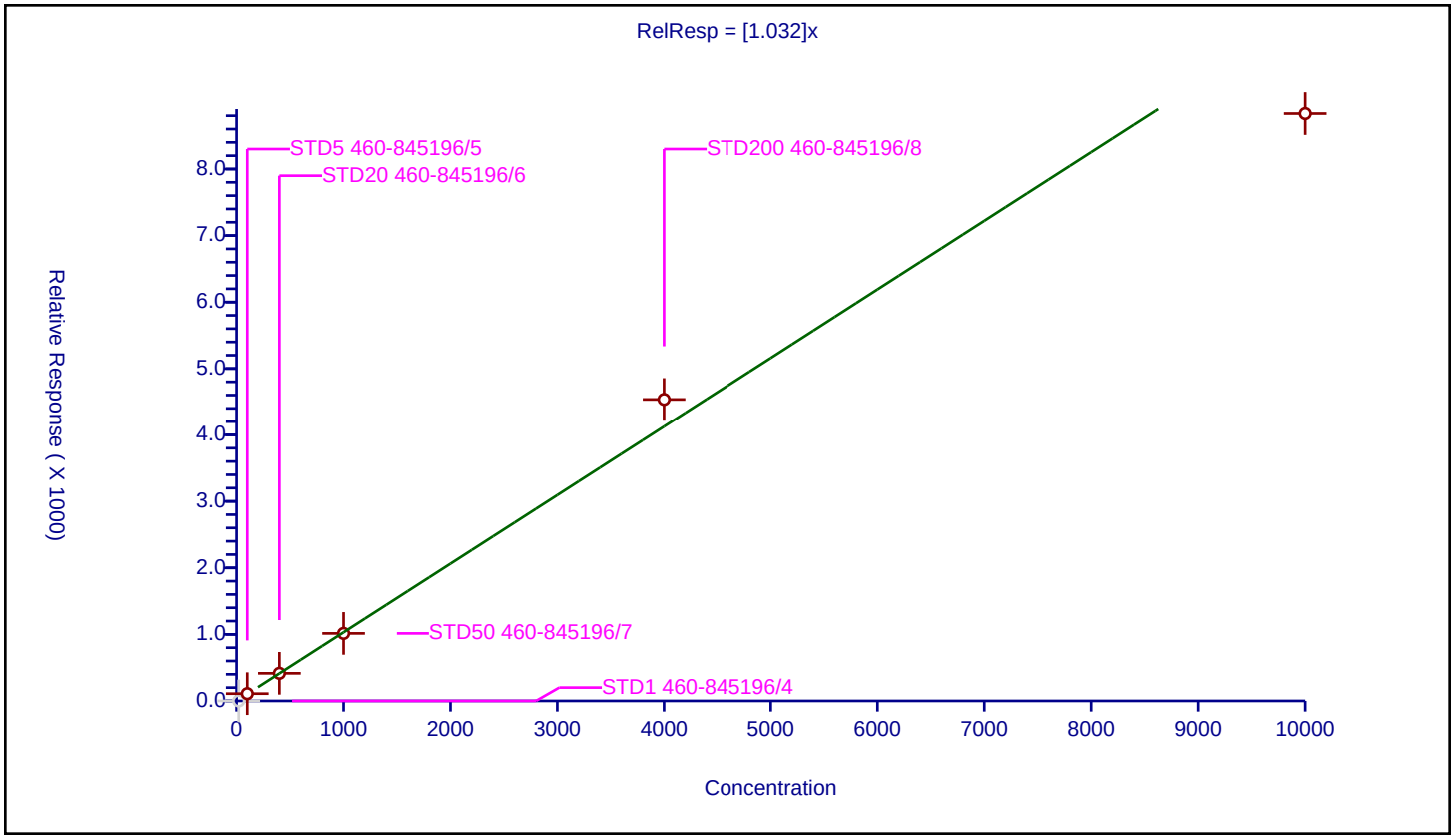
Curve Coefficients

Intercept:	0
Slope:	1.032

Error Coefficients

Standard Error:	178000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	20.0	0.0	1000.0	18021.0	0.0	N
2	STD5 460-845196/5	100.0	108.977055	1000.0	21399.0	1.089771	Y
3	STD20 460-845196/6	400.0	414.652989	1000.0	23299.0	1.036632	Y
4	STD50 460-845196/7	1000.0	1014.876839	1000.0	24602.0	1.014877	Y
5	STD200 460-845196/8	4000.0	4534.608312	1000.0	27190.0	1.133652	Y
6	STD500 460-845196/9	10000.0	8832.885064	1000.0	39039.0	0.883289	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

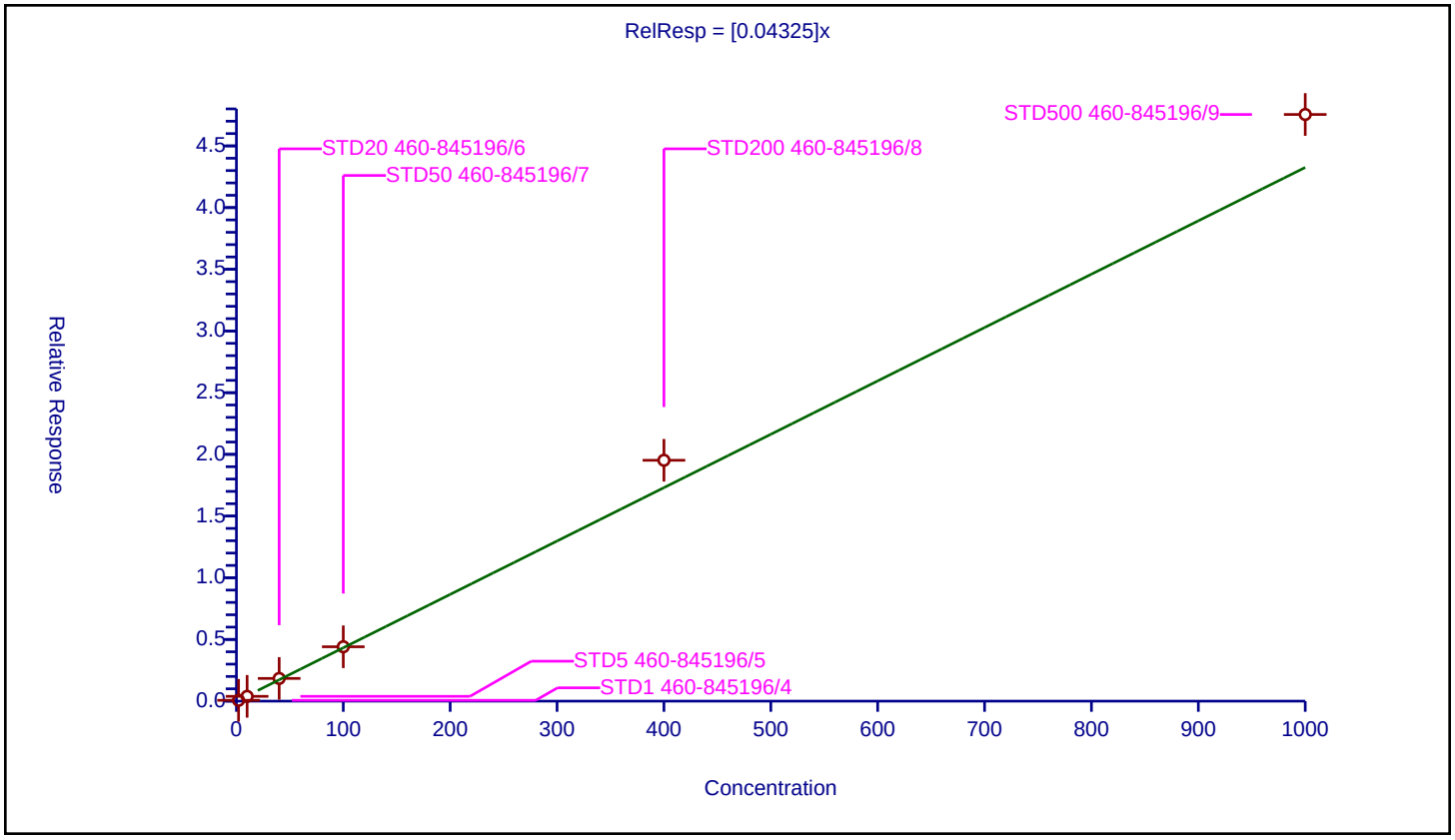
Curve Coefficients

Intercept:	0
Slope:	0.04325

Error Coefficients

Standard Error:	345000
Relative Standard Error:	13.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	2.0	0.068091	50.0	563953.0	0.034045	Y
2	STD5 460-845196/5	10.0	0.390515	50.0	537368.0	0.039051	Y
3	STD20 460-845196/6	40.0	1.840089	50.0	568641.0	0.046002	Y
4	STD50 460-845196/7	100.0	4.40708	50.0	628727.0	0.044071	Y
5	STD200 460-845196/8	400.0	19.521273	50.0	663092.0	0.048803	Y
6	STD500 460-845196/9	1000.0	47.547543	50.0	760523.0	0.047548	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

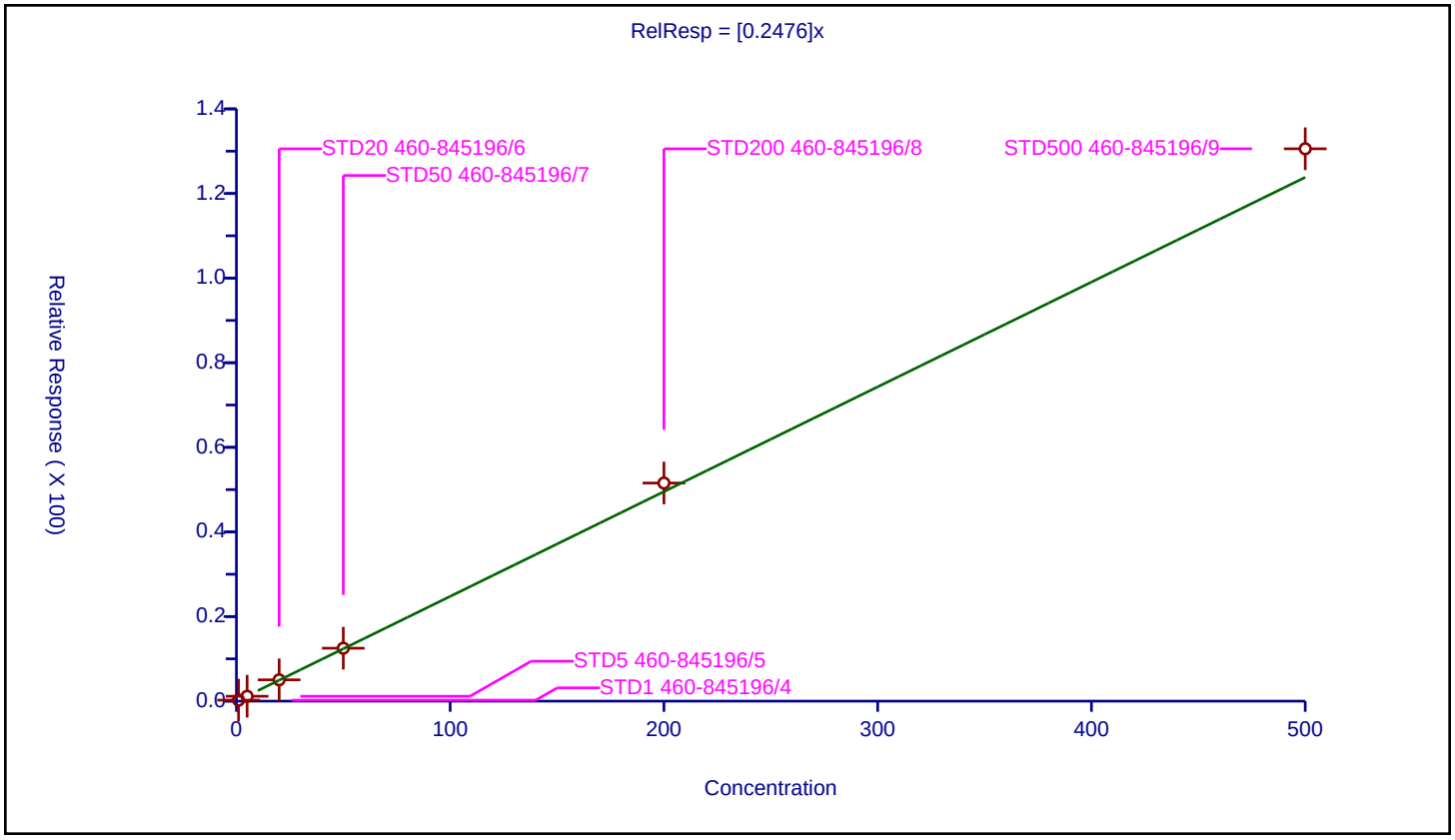
Curve Coefficients

Intercept:	0
Slope:	0.2476

Error Coefficients

Standard Error:	942000
Relative Standard Error:	5.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.233973	50.0	563953.0	0.233973	Y
2	STD5 460-845196/5	5.0	1.153772	50.0	537368.0	0.230754	Y
3	STD20 460-845196/6	20.0	5.039823	50.0	568641.0	0.251991	Y
4	STD50 460-845196/7	50.0	12.513301	50.0	628727.0	0.250266	Y
5	STD200 460-845196/8	200.0	51.553103	50.0	663092.0	0.257766	Y
6	STD500 460-845196/9	500.0	130.571133	50.0	760523.0	0.261142	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

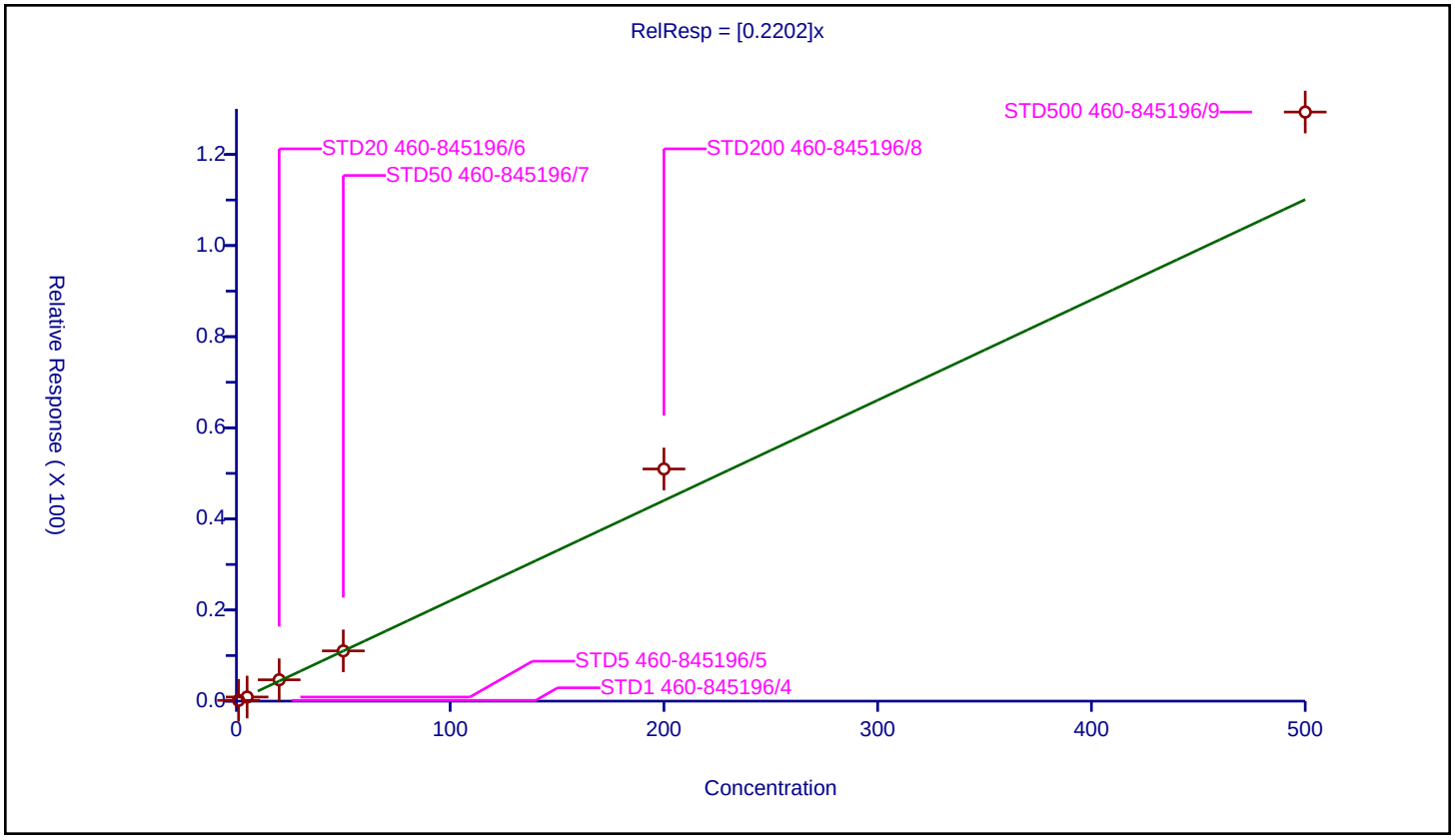
Curve Coefficients

Intercept:	0
Slope:	0.2202

Error Coefficients

Standard Error:	932000
Relative Standard Error:	16.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.171911	50.0	563953.0	0.171911	Y
2	STD5 460-845196/5	5.0	0.905246	50.0	537368.0	0.181049	Y
3	STD20 460-845196/6	20.0	4.685557	50.0	568641.0	0.234278	Y
4	STD50 460-845196/7	50.0	11.028555	50.0	628727.0	0.220571	Y
5	STD200 460-845196/8	200.0	50.958313	50.0	663092.0	0.254792	Y
6	STD500 460-845196/9	500.0	129.31029	50.0	760523.0	0.258621	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

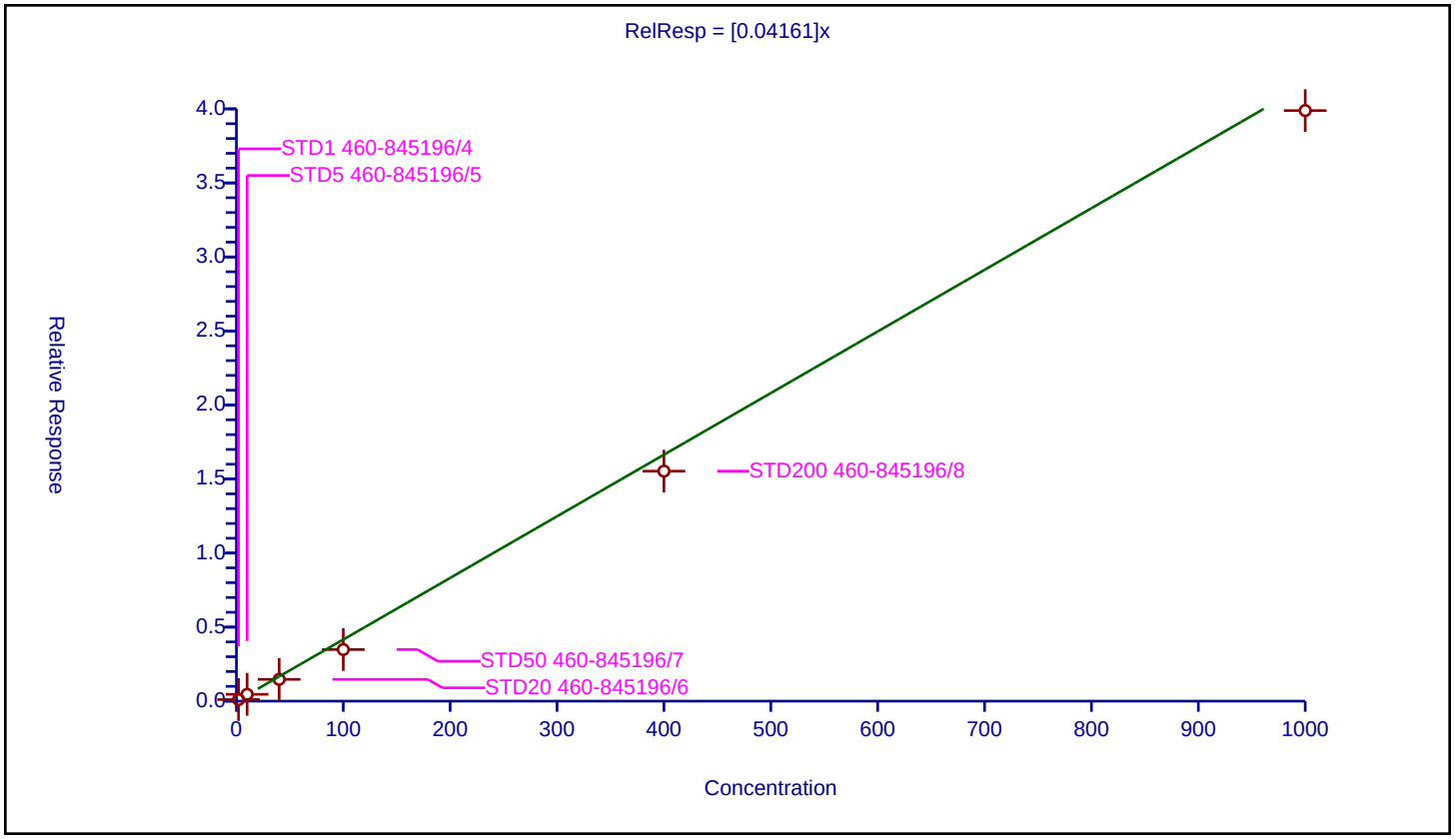
Curve Coefficients

Intercept:	0
Slope:	0.04161

Error Coefficients

Standard Error:	287000
Relative Standard Error:	16.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	2.0	0.106835	50.0	563953.0	0.053418	Y
2	STD5 460-845196/5	10.0	0.459369	50.0	537368.0	0.045937	Y
3	STD20 460-845196/6	40.0	1.470875	50.0	568641.0	0.036772	Y
4	STD50 460-845196/7	100.0	3.483229	50.0	628727.0	0.034832	Y
5	STD200 460-845196/8	400.0	15.533893	50.0	663092.0	0.038835	Y
6	STD500 460-845196/9	1000.0	39.885382	50.0	760523.0	0.039885	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

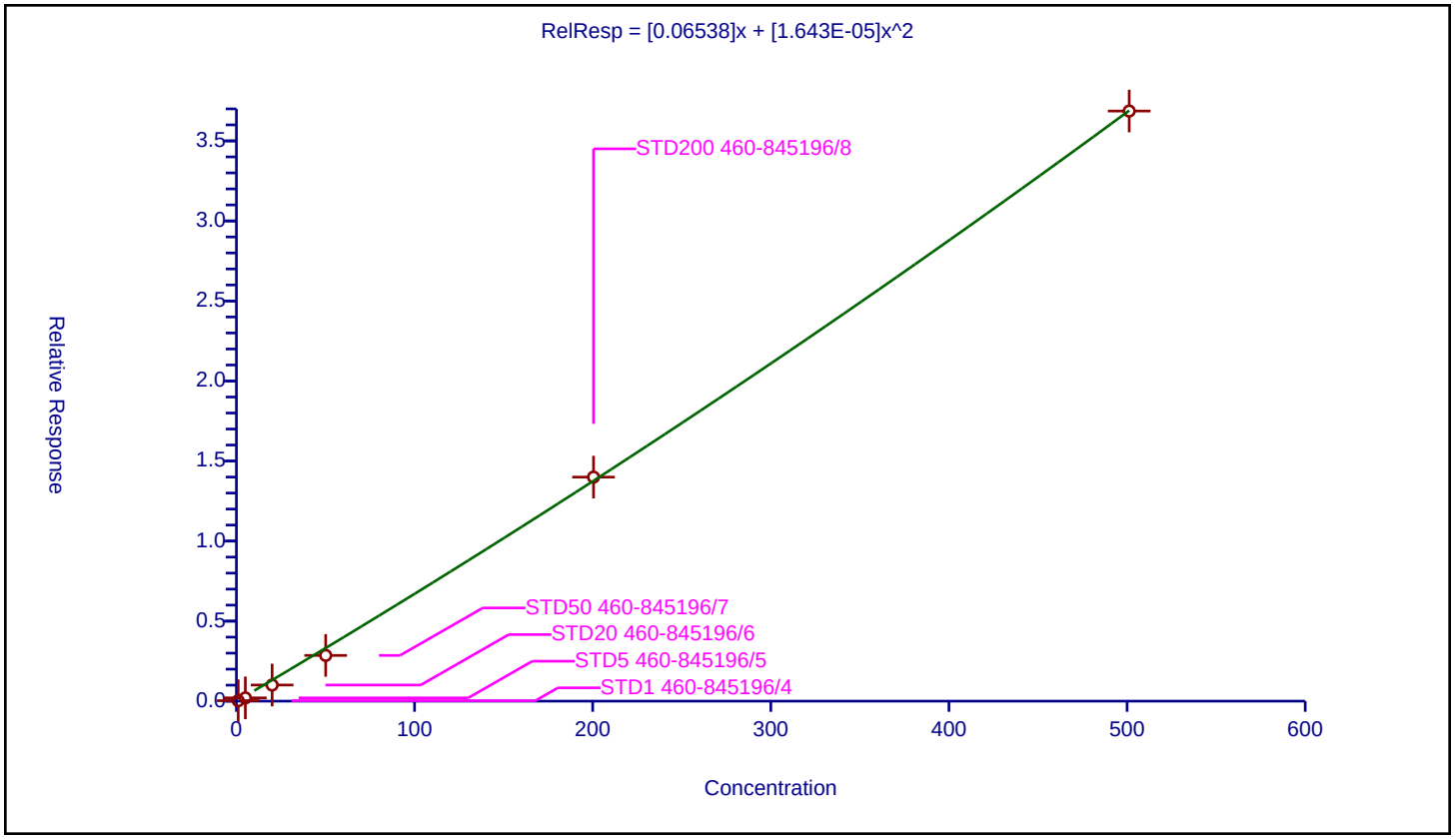
Curve Coefficients

Intercept:	0
Slope:	0.06538
Second Order:	1.643E-05

Error Coefficients

Standard Error:	296000
Relative Standard Error:	37.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0024	0.027928	50.0	563953.0	0.027861	Y
2	STD5 460-845196/5	5.012	0.203027	50.0	537368.0	0.040508	Y
3	STD20 460-845196/6	20.048	1.007226	50.0	568641.0	0.050241	Y
4	STD50 460-845196/7	50.12	2.856248	50.0	628727.0	0.056988	Y
5	STD200 460-845196/8	200.48	13.996323	50.0	663092.0	0.069814	Y
6	STD500 460-845196/9	501.2	36.864763	50.0	760523.0	0.073553	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

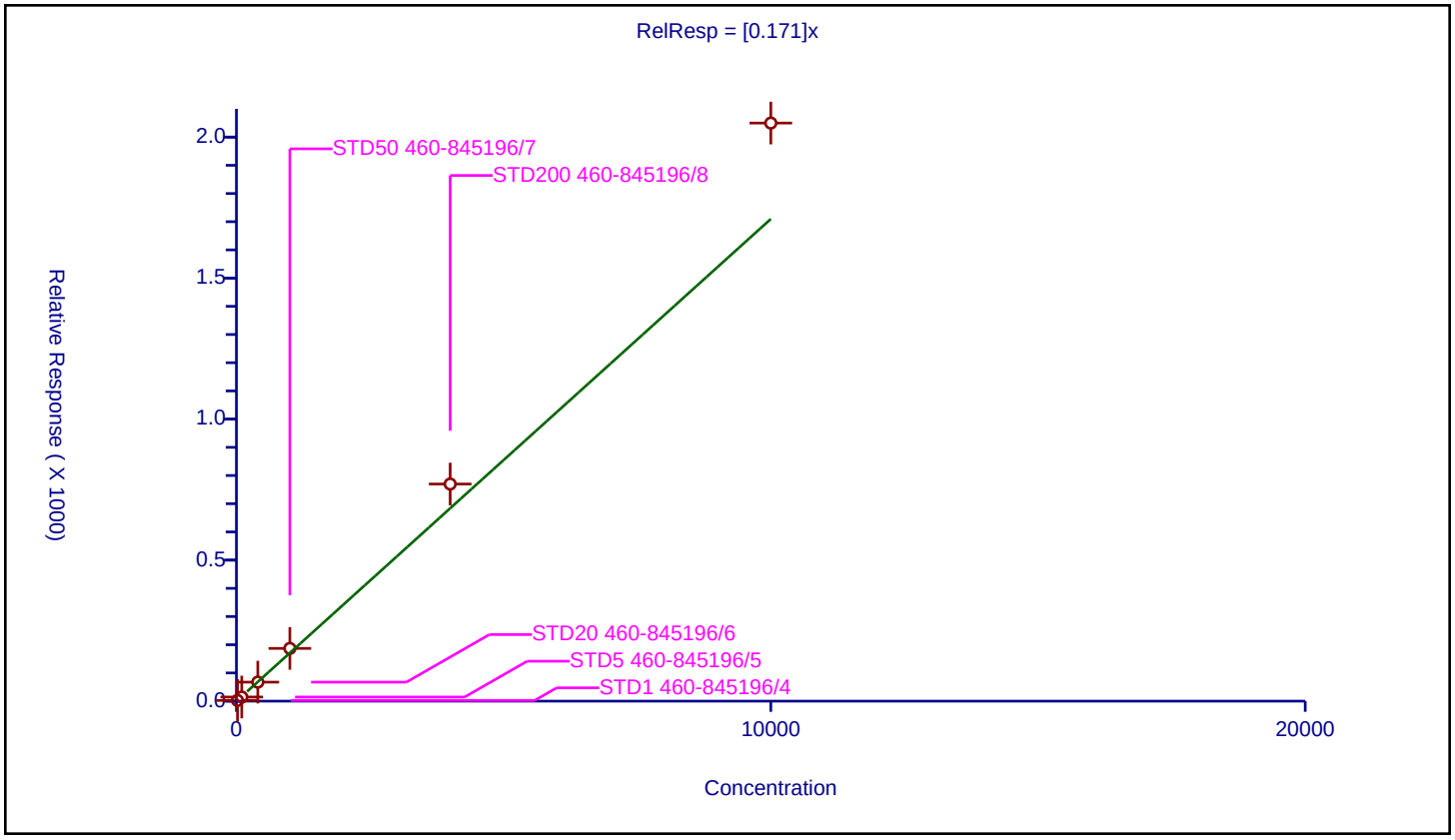
Curve Coefficients

Intercept:	0
Slope:	0.171

Error Coefficients

Standard Error:	1410000
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	STD1 460-845196/4	20.000035	2.545499	250.0	243469.0	0.127275	Y
2	STD5 460-845196/5	100.000173	14.572428	250.0	260389.0	0.145724	Y
3	STD20 460-845196/6	400.000692	67.358335	250.0	280626.0	0.168396	Y
4	STD50 460-845196/7	1000.00173	186.937603	250.0	273717.0	0.186937	Y
5	STD200 460-845196/8	4000.00692	769.810051	250.0	326930.0	0.192452	Y
6	STD500 460-845196/9	10000.0173	2049.716469	250.0	362923.0	0.204971	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

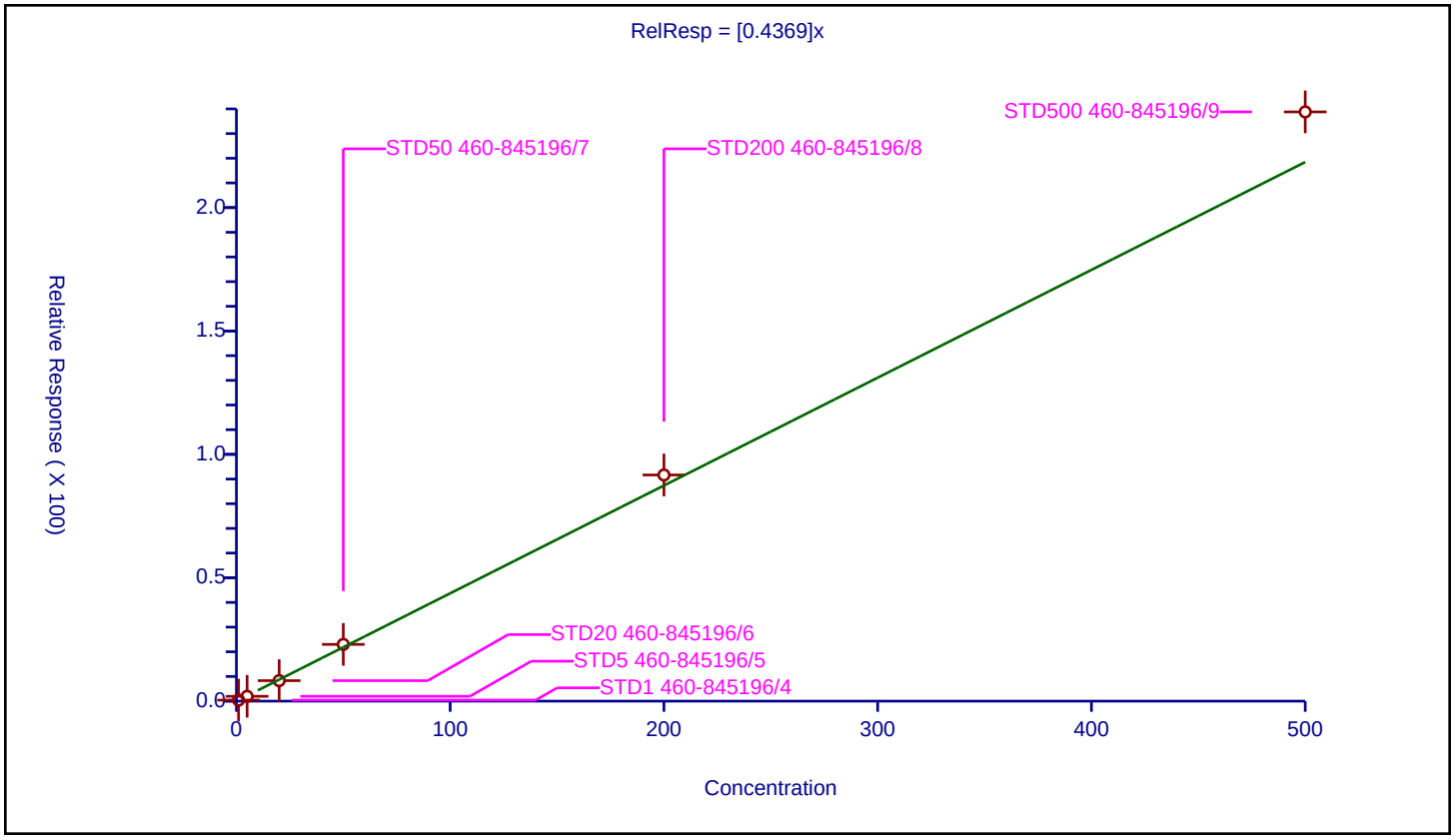
Curve Coefficients

Intercept:	0
Slope:	0.4369

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.419057	50.0	390042.0	0.419057	Y
2	STD5 460-845196/5	5.0	1.956217	50.0	375444.0	0.391243	Y
3	STD20 460-845196/6	20.0	8.309779	50.0	405089.0	0.415489	Y
4	STD50 460-845196/7	50.0	22.990053	50.0	425745.0	0.459801	Y
5	STD200 460-845196/8	200.0	91.648264	50.0	476823.0	0.458241	Y
6	STD500 460-845196/9	500.0	238.778251	50.0	520868.0	0.477557	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

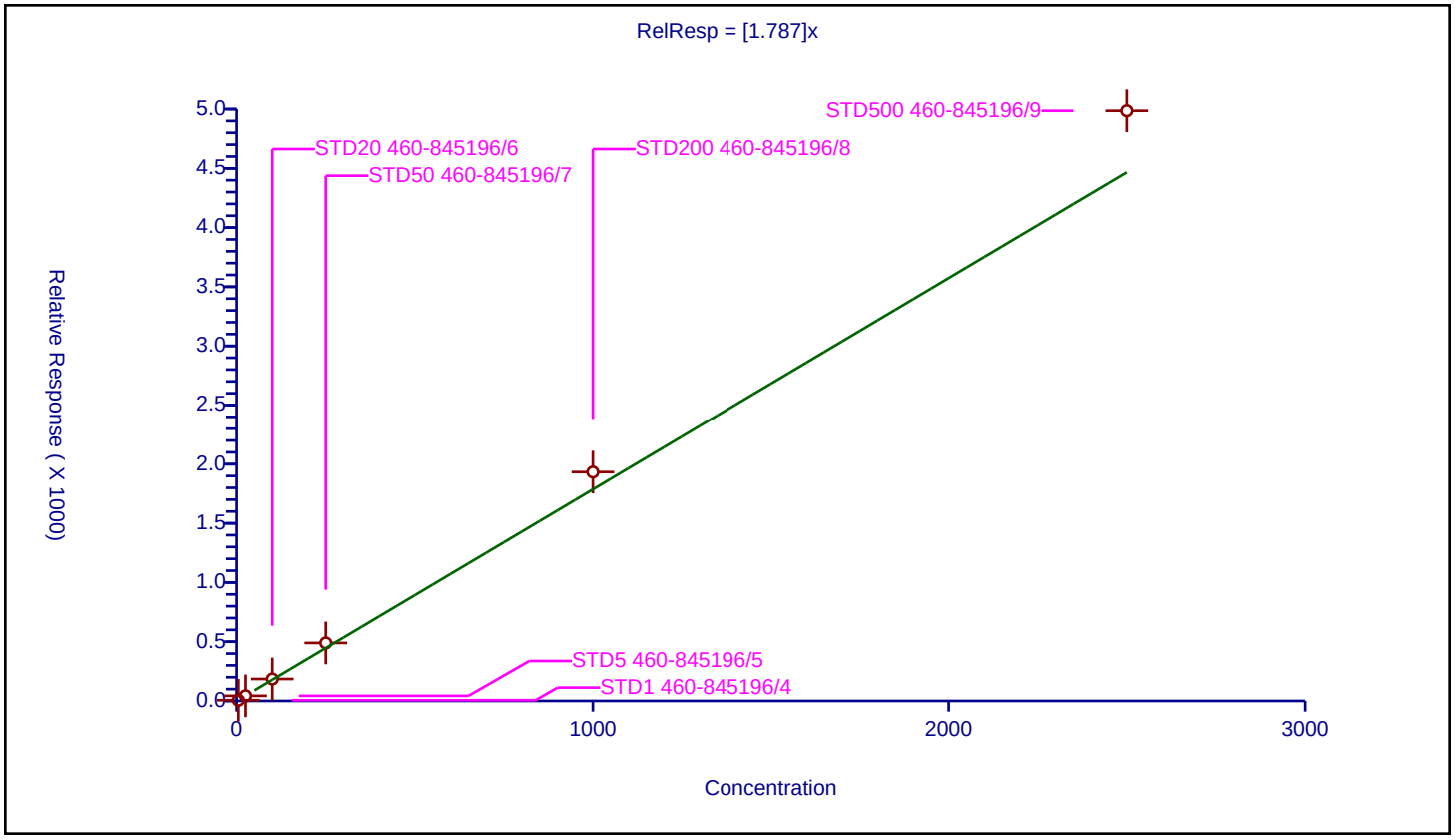
Curve Coefficients

Intercept:	0
Slope:	1.787

Error Coefficients

Standard Error:	3440000
Relative Standard Error:	15.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	5.0	6.287248	250.0	243469.0	1.25745	Y
2	STD5 460-845196/5	25.0	43.122981	250.0	260389.0	1.724919	Y
3	STD20 460-845196/6	100.0	185.084418	250.0	280626.0	1.850844	Y
4	STD50 460-845196/7	250.0	489.733922	250.0	273717.0	1.958936	Y
5	STD200 460-845196/8	1000.0	1933.154651	250.0	326930.0	1.933155	Y
6	STD500 460-845196/9	2500.0	4985.81104	250.0	362923.0	1.994324	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

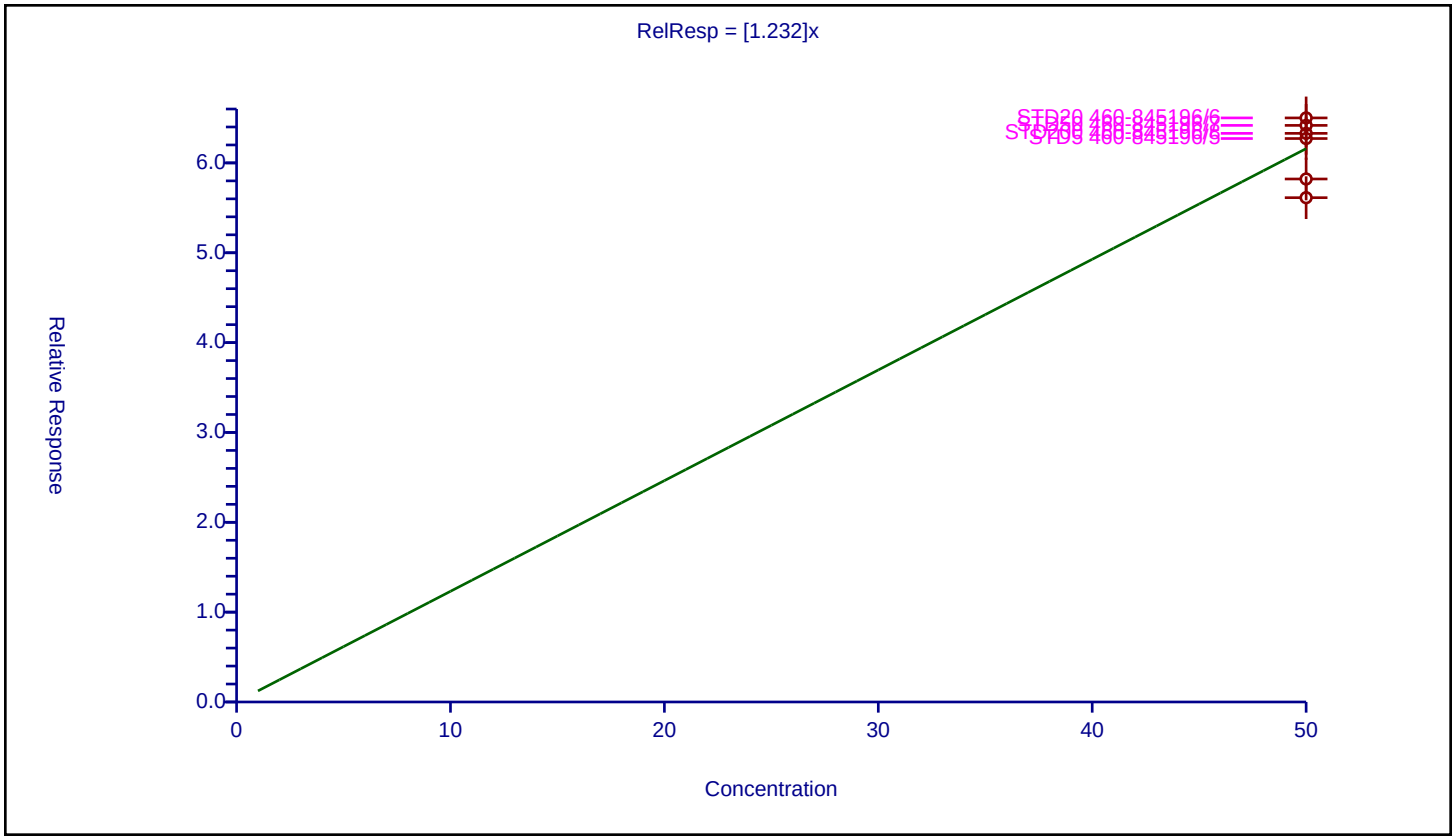
Curve Coefficients

Intercept:	0
Slope:	1.232

Error Coefficients

Standard Error:	585000
Relative Standard Error:	5.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	50.0	58.21309	50.0	390042.0	1.164262	Y
2	STD5 460-845196/5	50.0	62.714946	50.0	375444.0	1.254299	Y
3	STD20 460-845196/6	50.0	65.008183	50.0	405089.0	1.300164	Y
4	STD50 460-845196/7	50.0	64.176561	50.0	425745.0	1.283531	Y
5	STD200 460-845196/8	50.0	63.289523	50.0	476823.0	1.26579	Y
6	STD500 460-845196/9	50.0	56.131208	50.0	520868.0	1.122624	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

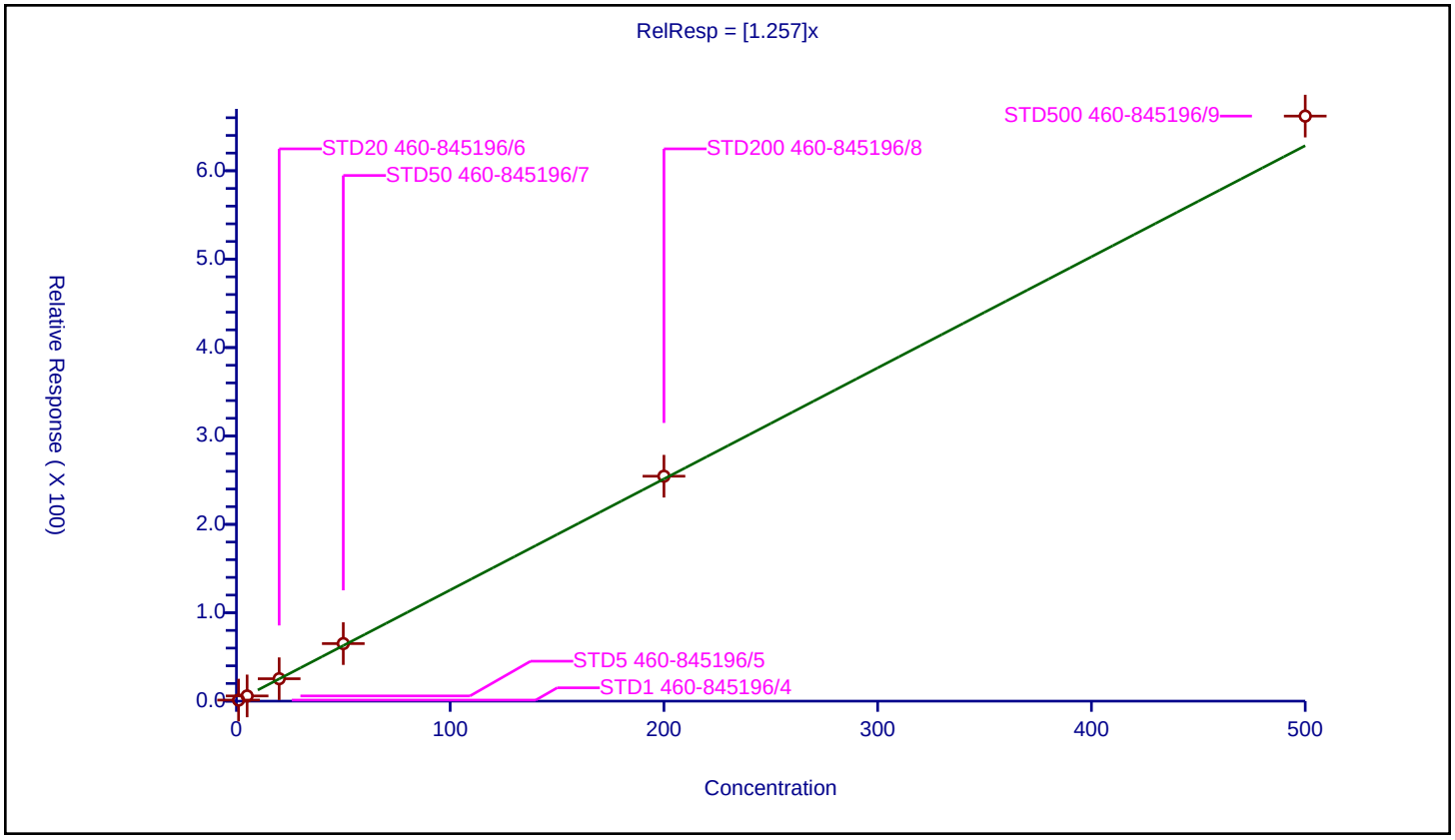
Curve Coefficients

Intercept:	0
Slope:	1.257

Error Coefficients

Standard Error:	3280000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.197563	50.0	390042.0	1.197563	Y
2	STD5 460-845196/5	5.0	5.887163	50.0	375444.0	1.177433	Y
3	STD20 460-845196/6	20.0	25.349244	50.0	405089.0	1.267462	Y
4	STD50 460-845196/7	50.0	65.109279	50.0	425745.0	1.302186	Y
5	STD200 460-845196/8	200.0	254.477762	50.0	476823.0	1.272389	Y
6	STD500 460-845196/9	500.0	661.867498	50.0	520868.0	1.323735	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

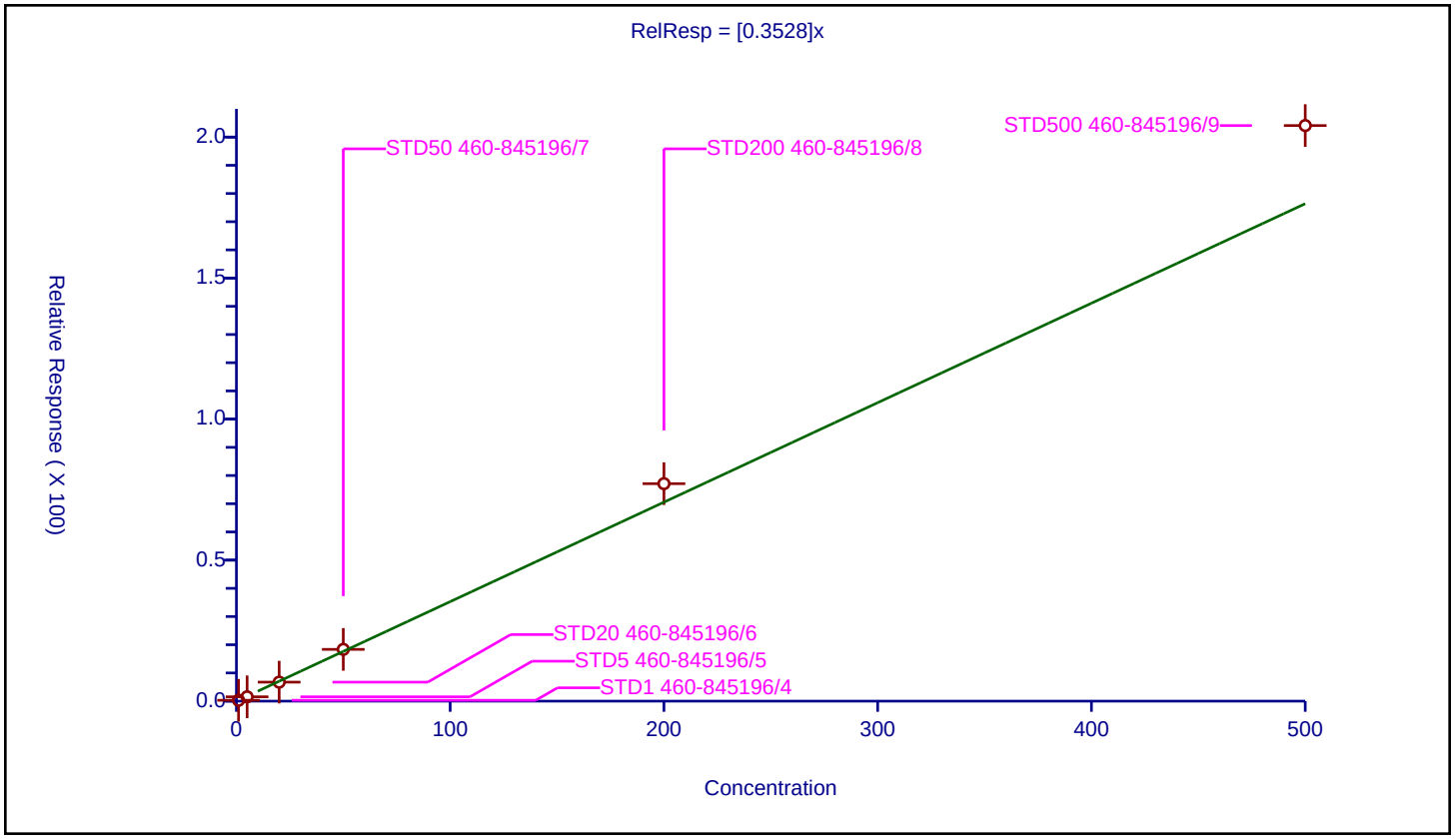
Curve Coefficients

Intercept:	0
Slope:	0.3528

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	11.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.310864	50.0	390042.0	0.310864	Y
2	STD5 460-845196/5	5.0	1.539244	50.0	375444.0	0.307849	Y
3	STD20 460-845196/6	20.0	6.740988	50.0	405089.0	0.337049	Y
4	STD50 460-845196/7	50.0	18.350538	50.0	425745.0	0.367011	Y
5	STD200 460-845196/8	200.0	77.111423	50.0	476823.0	0.385557	Y
6	STD500 460-845196/9	500.0	204.085776	50.0	520868.0	0.408172	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

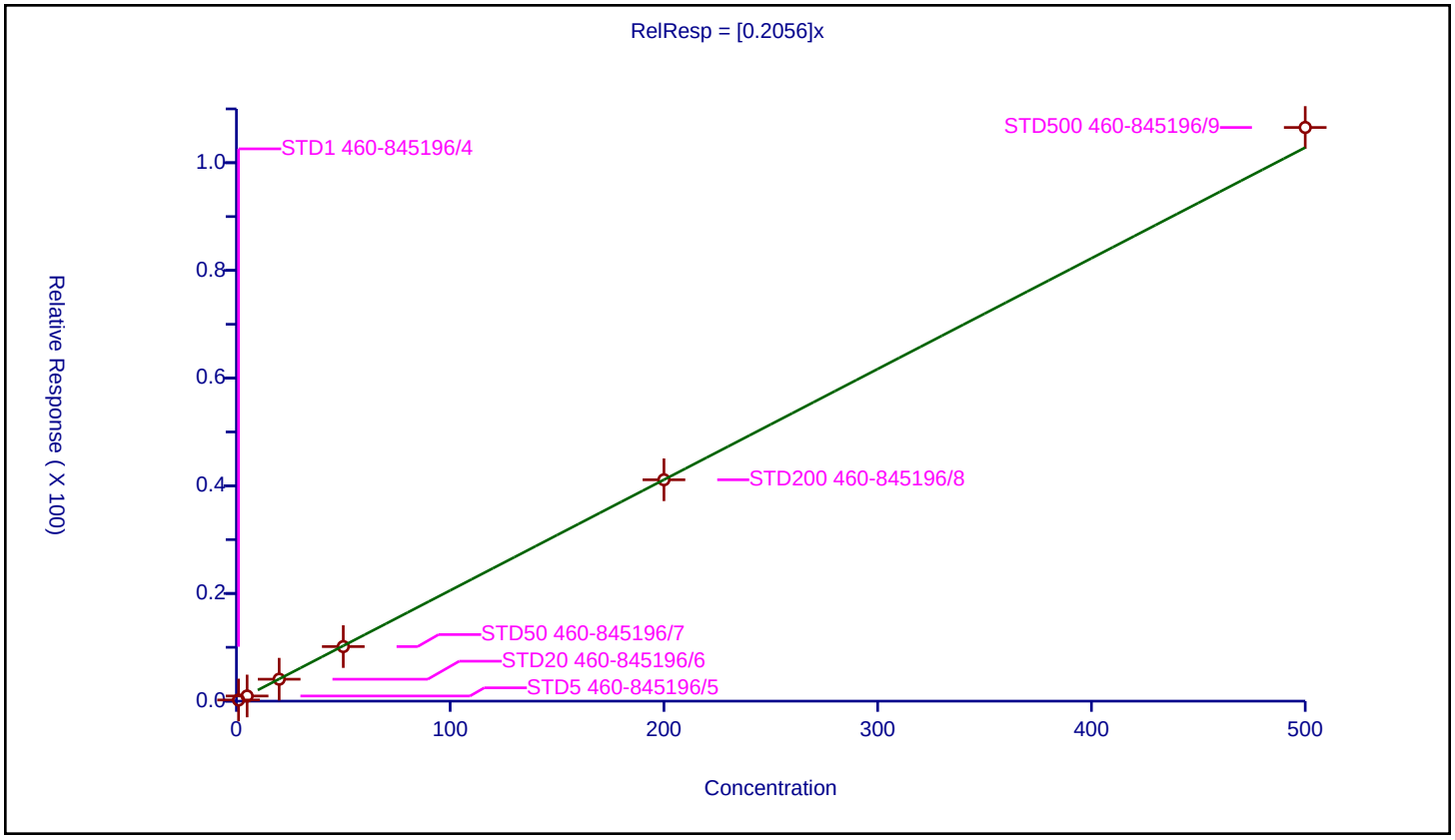
Curve Coefficients

Intercept:	0
Slope:	0.2056

Error Coefficients

Standard Error:	528000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.216772	50.0	390042.0	0.216772	Y
2	STD5 460-845196/5	5.0	0.959397	50.0	375444.0	0.191879	Y
3	STD20 460-845196/6	20.0	4.075524	50.0	405089.0	0.203776	Y
4	STD50 460-845196/7	50.0	10.133648	50.0	425745.0	0.202673	Y
5	STD200 460-845196/8	200.0	41.117354	50.0	476823.0	0.205587	Y
6	STD500 460-845196/9	500.0	106.54878	50.0	520868.0	0.213098	Y



Calibration / Ethyl methacrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

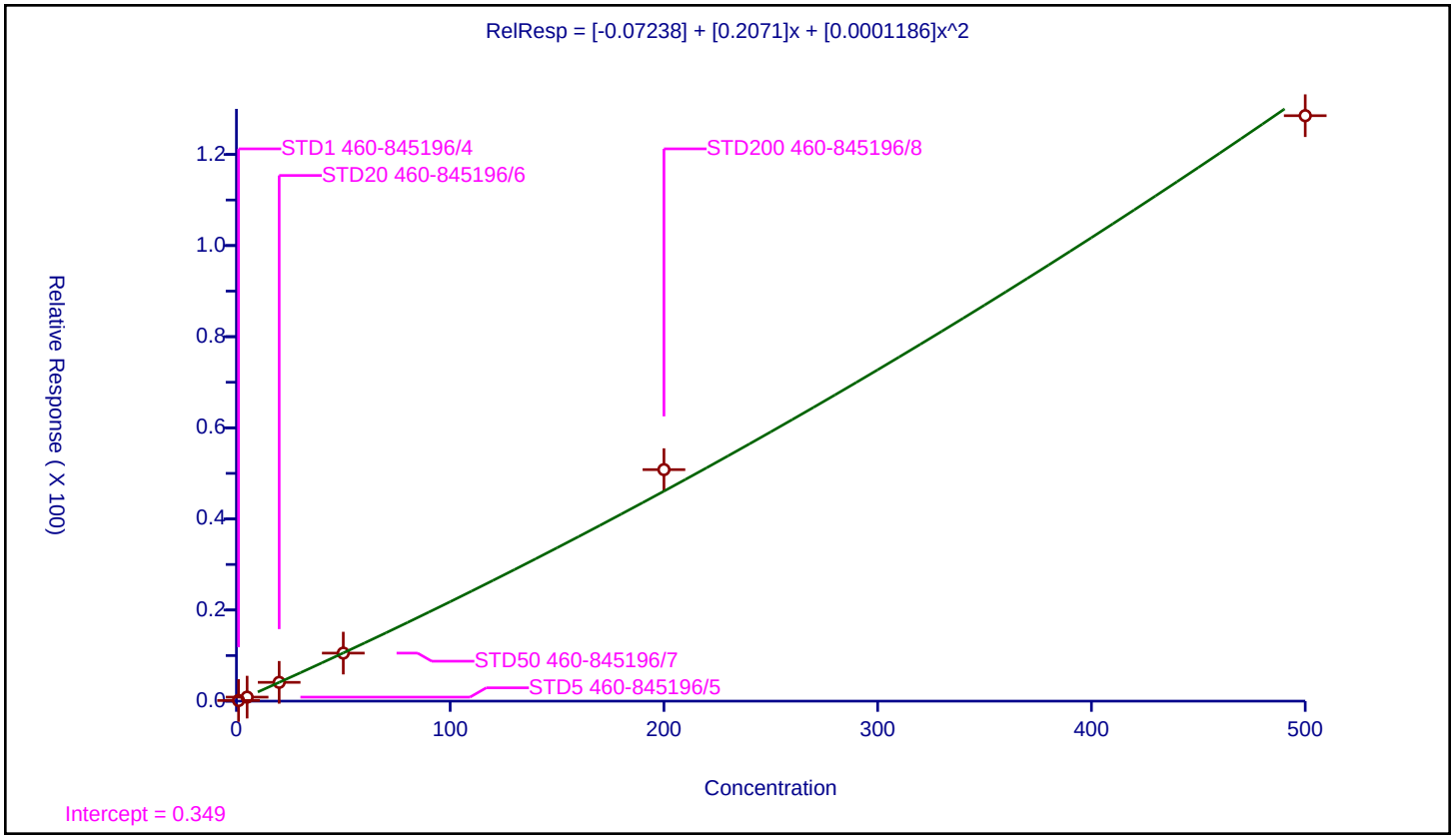
Curve Coefficients

Intercept:	-0.07238
Slope:	0.2071
Second Order:	0.0001186

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.138221	50.0	563953.0	0.138221	Y
2	STD5 460-845196/5	5.0	0.878914	50.0	537368.0	0.175783	Y
3	STD20 460-845196/6	20.0	4.124219	50.0	568641.0	0.206211	Y
4	STD50 460-845196/7	50.0	10.543447	50.0	628727.0	0.210869	Y
5	STD200 460-845196/8	200.0	50.818815	50.0	663092.0	0.254094	Y
6	STD500 460-845196/9	500.0	128.50729	50.0	760523.0	0.257015	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

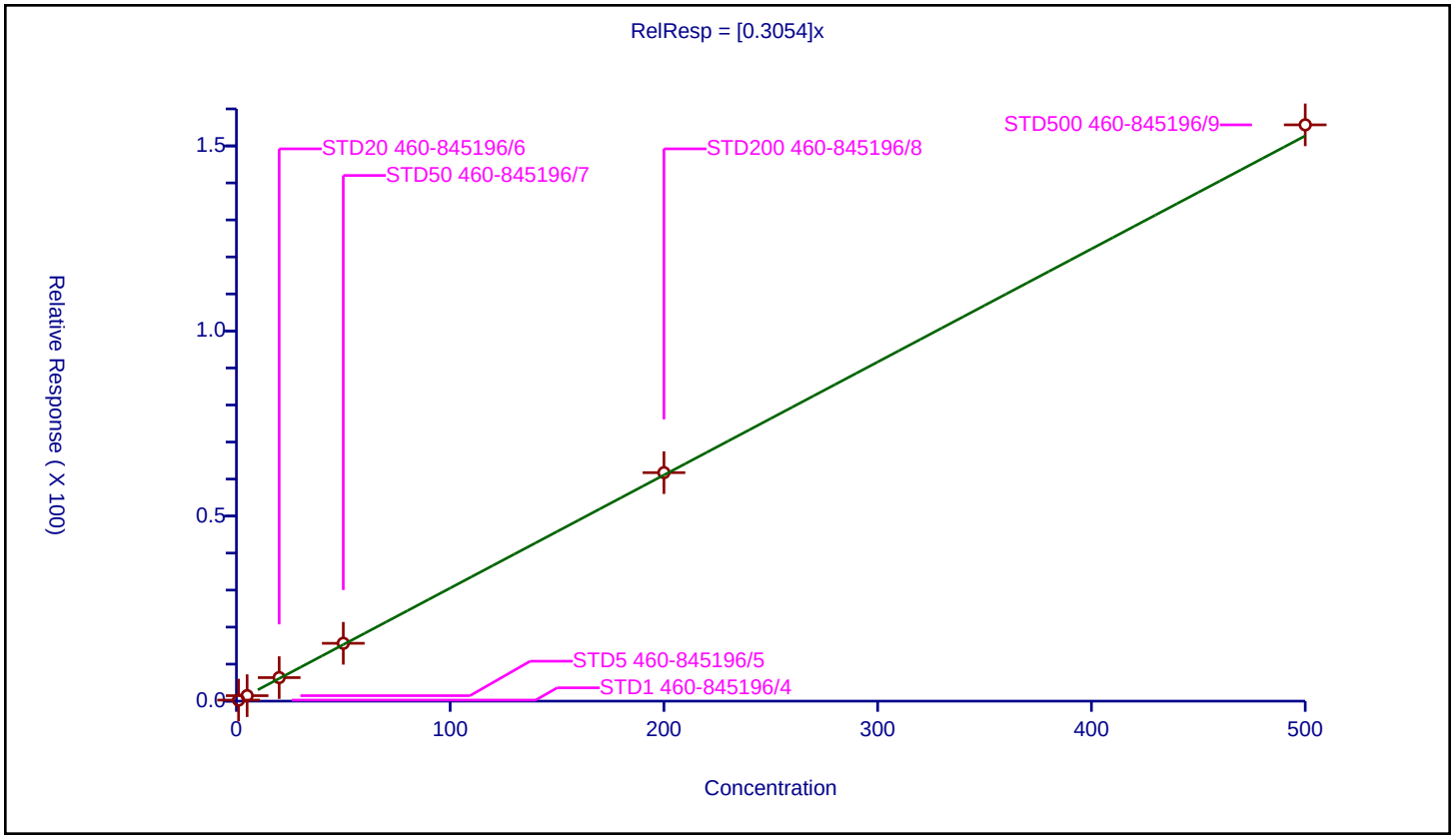
Curve Coefficients

Intercept:	0
Slope:	0.3054

Error Coefficients

Standard Error:	774000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.286892	50.0	390042.0	0.286892	Y
2	STD5 460-845196/5	5.0	1.475853	50.0	375444.0	0.295171	Y
3	STD20 460-845196/6	20.0	6.359467	50.0	405089.0	0.317973	Y
4	STD50 460-845196/7	50.0	15.626138	50.0	425745.0	0.312523	Y
5	STD200 460-845196/8	200.0	61.730873	50.0	476823.0	0.308654	Y
6	STD500 460-845196/9	500.0	155.691653	50.0	520868.0	0.311383	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

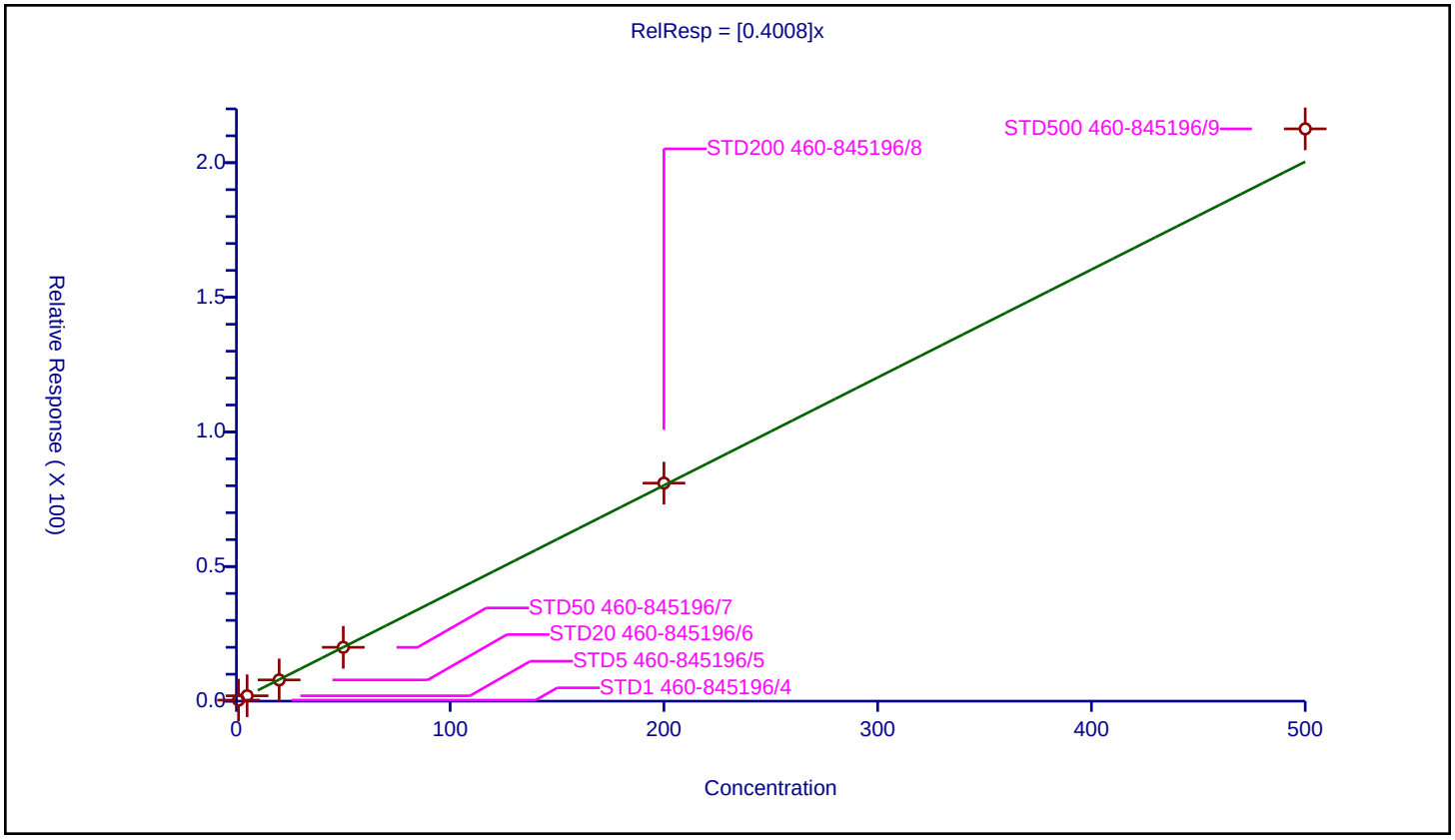
Curve Coefficients

Intercept:	0
Slope:	0.4008

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	3.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.381113	50.0	390042.0	0.381113	Y
2	STD5 460-845196/5	5.0	1.997235	50.0	375444.0	0.399447	Y
3	STD20 460-845196/6	20.0	7.881478	50.0	405089.0	0.394074	Y
4	STD50 460-845196/7	50.0	19.993658	50.0	425745.0	0.399873	Y
5	STD200 460-845196/8	200.0	80.988228	50.0	476823.0	0.404941	Y
6	STD500 460-845196/9	500.0	212.582267	50.0	520868.0	0.425165	Y



Calibration / 2-Hexanone

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

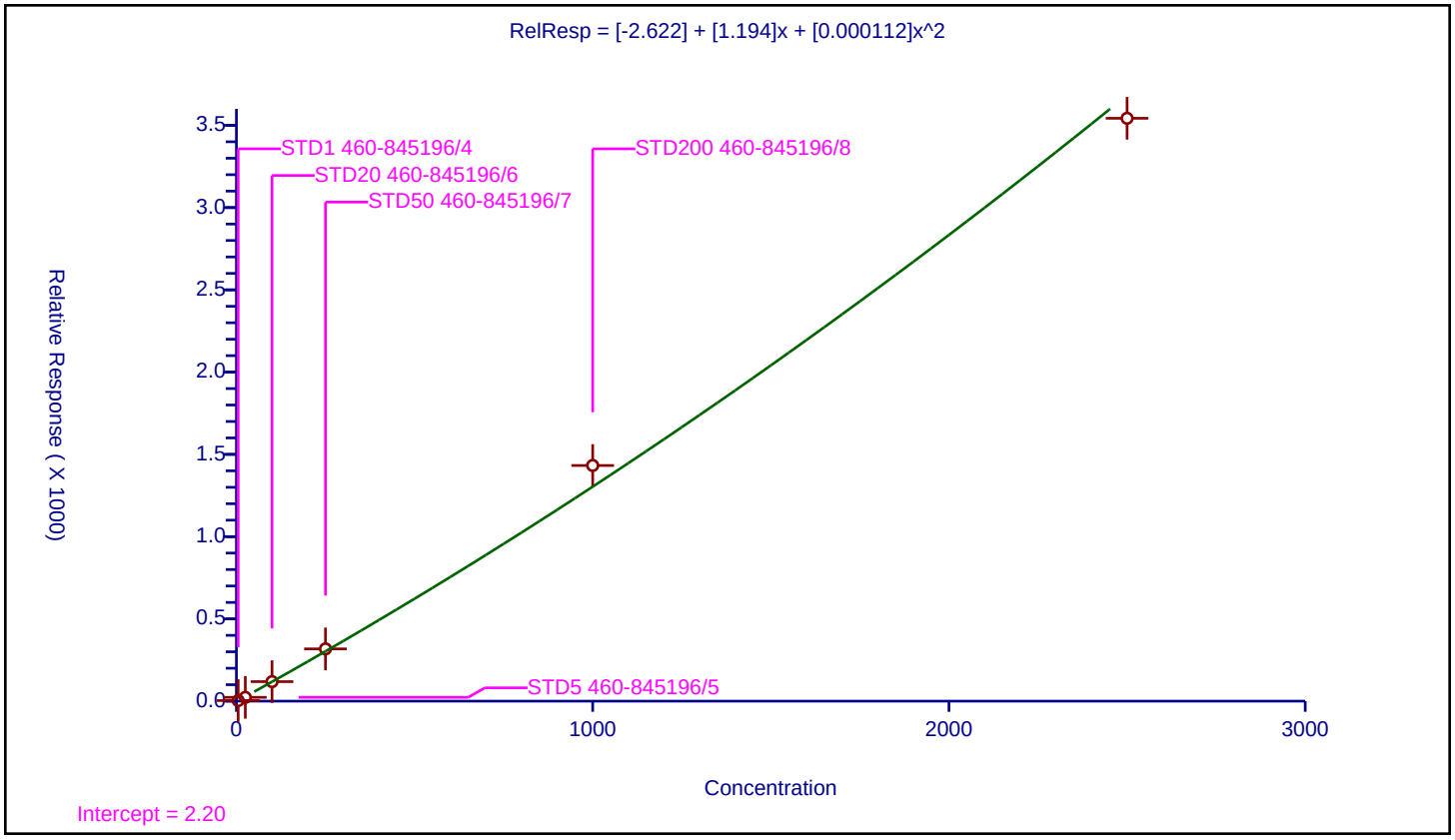
Curve Coefficients

Intercept:	-2.622
Slope:	1.194
Second Order:	0.000112

Error Coefficients

Standard Error:	3170000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	5.0	3.512768	250.0	243469.0	0.702554	Y
2	STD5 460-845196/5	25.0	23.019406	250.0	260389.0	0.920776	Y
3	STD20 460-845196/6	100.0	118.623185	250.0	280626.0	1.186232	Y
4	STD50 460-845196/7	250.0	317.77164	250.0	273717.0	1.271087	Y
5	STD200 460-845196/8	1000.0	1432.396079	250.0	326930.0	1.432396	Y
6	STD500 460-845196/9	2500.0	3542.841732	250.0	362923.0	1.417137	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

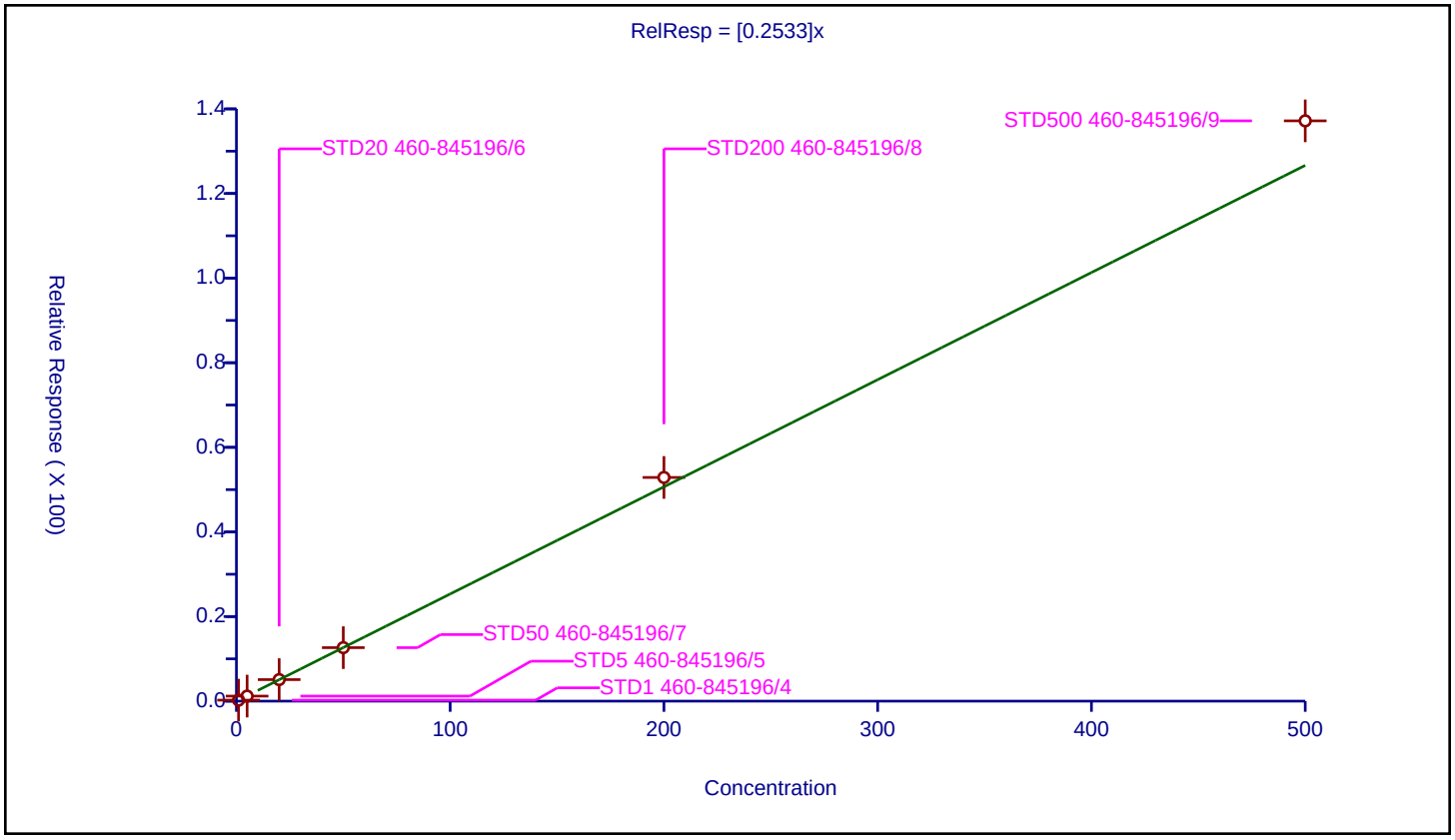
Curve Coefficients

Intercept:	0
Slope:	0.2533

Error Coefficients

Standard Error:	680000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.23459	50.0	390042.0	0.23459	Y
2	STD5 460-845196/5	5.0	1.194586	50.0	375444.0	0.238917	Y
3	STD20 460-845196/6	20.0	5.09061	50.0	405089.0	0.25453	Y
4	STD50 460-845196/7	50.0	12.647947	50.0	425745.0	0.252959	Y
5	STD200 460-845196/8	200.0	52.879265	50.0	476823.0	0.264396	Y
6	STD500 460-845196/9	500.0	137.171222	50.0	520868.0	0.274342	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

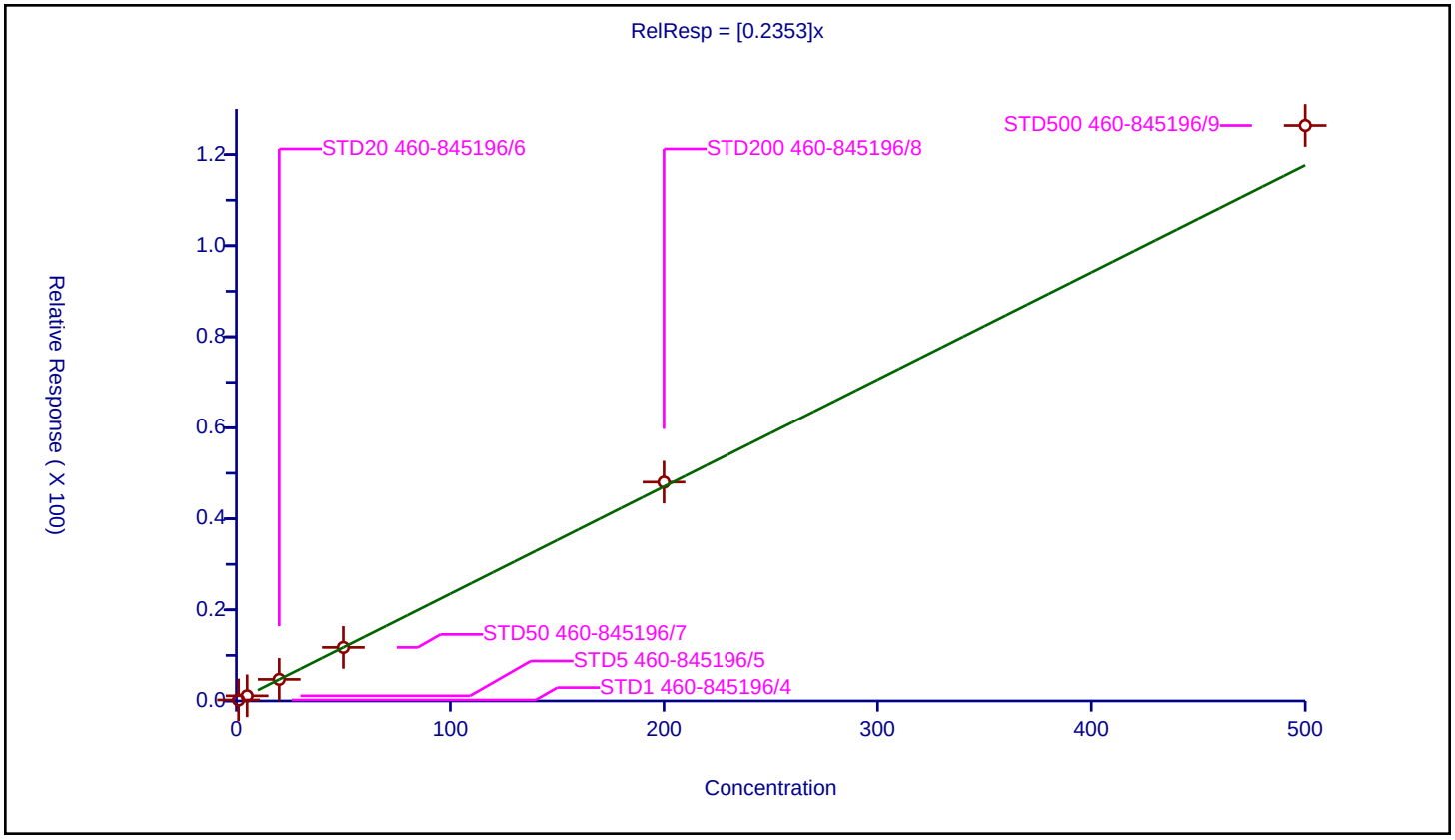
Curve Coefficients

Intercept:	0
Slope:	0.2353

Error Coefficients

Standard Error:	625000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.221771	50.0	390042.0	0.221771	Y
2	STD5 460-845196/5	5.0	1.127731	50.0	375444.0	0.225546	Y
3	STD20 460-845196/6	20.0	4.734885	50.0	405089.0	0.236744	Y
4	STD50 460-845196/7	50.0	11.751635	50.0	425745.0	0.235033	Y
5	STD200 460-845196/8	200.0	48.04613	50.0	476823.0	0.240231	Y
6	STD500 460-845196/9	500.0	126.382692	50.0	520868.0	0.252765	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

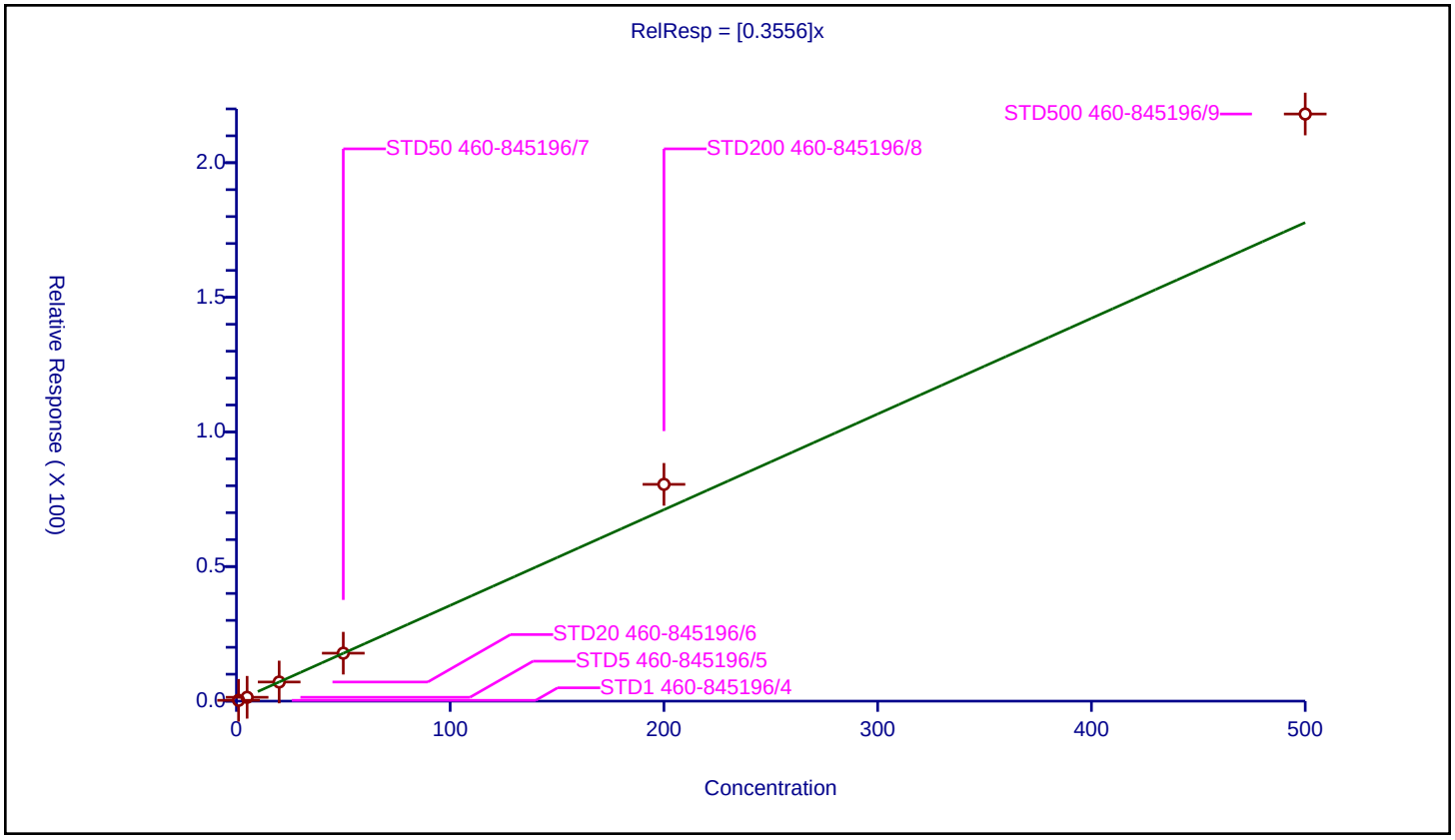
Curve Coefficients

Intercept:	0
Slope:	0.3556

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	16.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.297276	50.0	390042.0	0.297276	Y
2	STD5 460-845196/5	5.0	1.426844	50.0	375444.0	0.285369	Y
3	STD20 460-845196/6	20.0	7.110413	50.0	405089.0	0.355521	Y
4	STD50 460-845196/7	50.0	17.816064	50.0	425745.0	0.356321	Y
5	STD200 460-845196/8	200.0	80.525478	50.0	476823.0	0.402627	Y
6	STD500 460-845196/9	500.0	218.104587	50.0	520868.0	0.436209	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

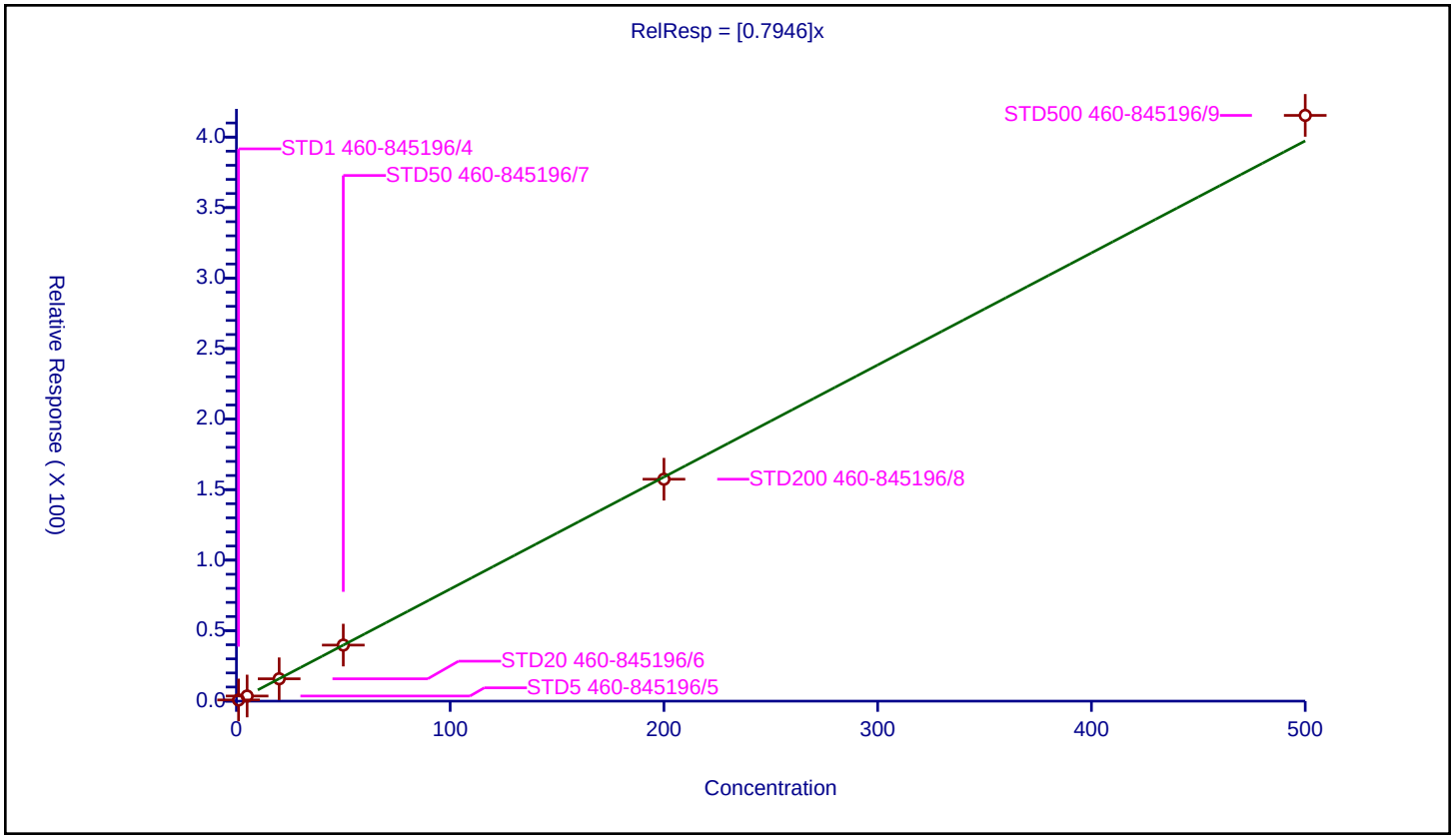
Curve Coefficients

Intercept:	0
Slope:	0.7946

Error Coefficients

Standard Error:	2050000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.833885	50.0	390042.0	0.833885	Y
2	STD5 460-845196/5	5.0	3.644085	50.0	375444.0	0.728817	Y
3	STD20 460-845196/6	20.0	15.85343	50.0	405089.0	0.792671	Y
4	STD50 460-845196/7	50.0	39.741042	50.0	425745.0	0.794821	Y
5	STD200 460-845196/8	200.0	157.377475	50.0	476823.0	0.786887	Y
6	STD500 460-845196/9	500.0	415.393535	50.0	520868.0	0.830787	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

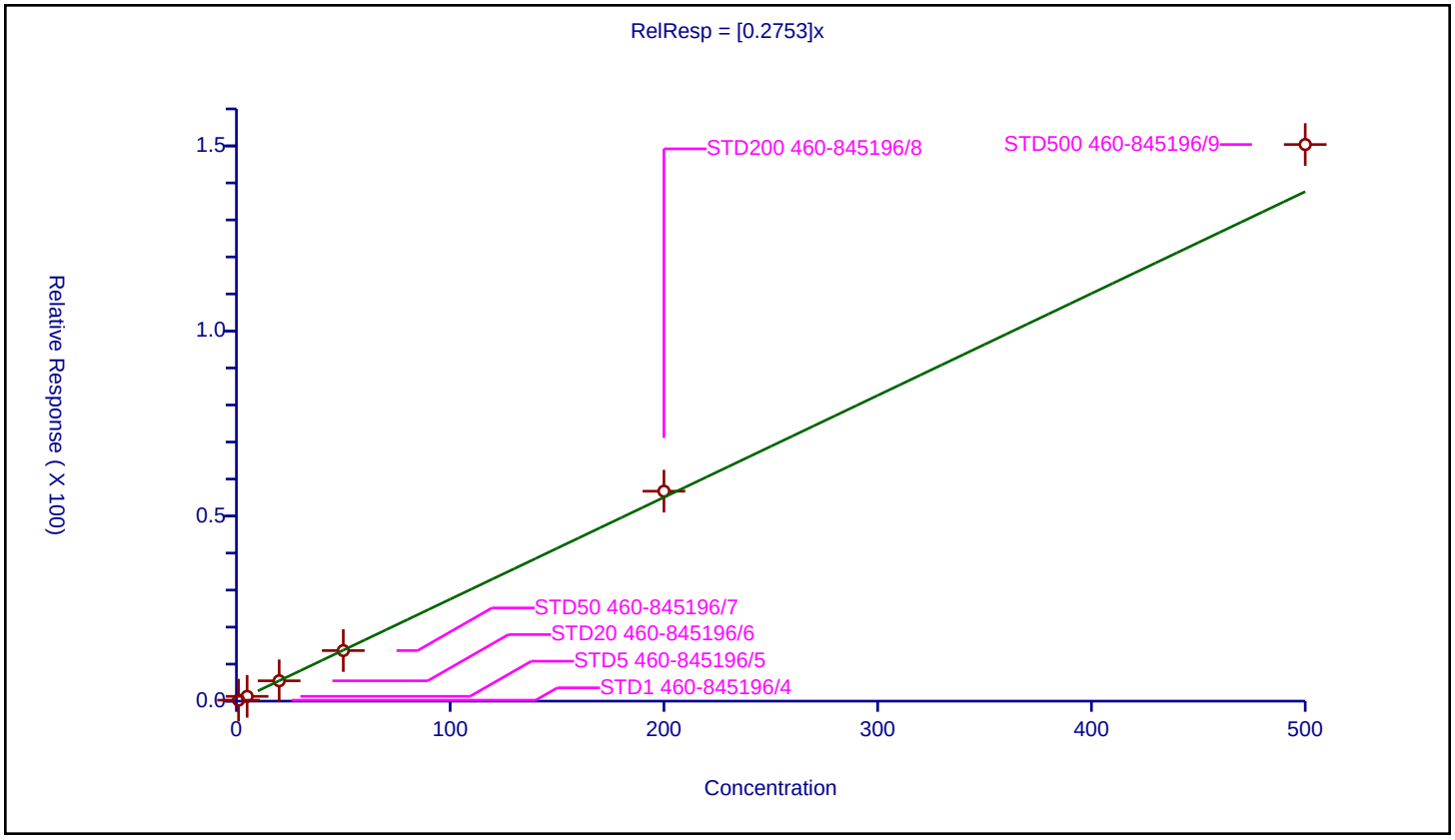
Curve Coefficients

Intercept:	0
Slope:	0.2753

Error Coefficients

Standard Error:	743000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.260485	50.0	390042.0	0.260485	Y
2	STD5 460-845196/5	5.0	1.294601	50.0	375444.0	0.25892	Y
3	STD20 460-845196/6	20.0	5.496817	50.0	405089.0	0.274841	Y
4	STD50 460-845196/7	50.0	13.659702	50.0	425745.0	0.273194	Y
5	STD200 460-845196/8	200.0	56.718111	50.0	476823.0	0.283591	Y
6	STD500 460-845196/9	500.0	150.371783	50.0	520868.0	0.300744	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

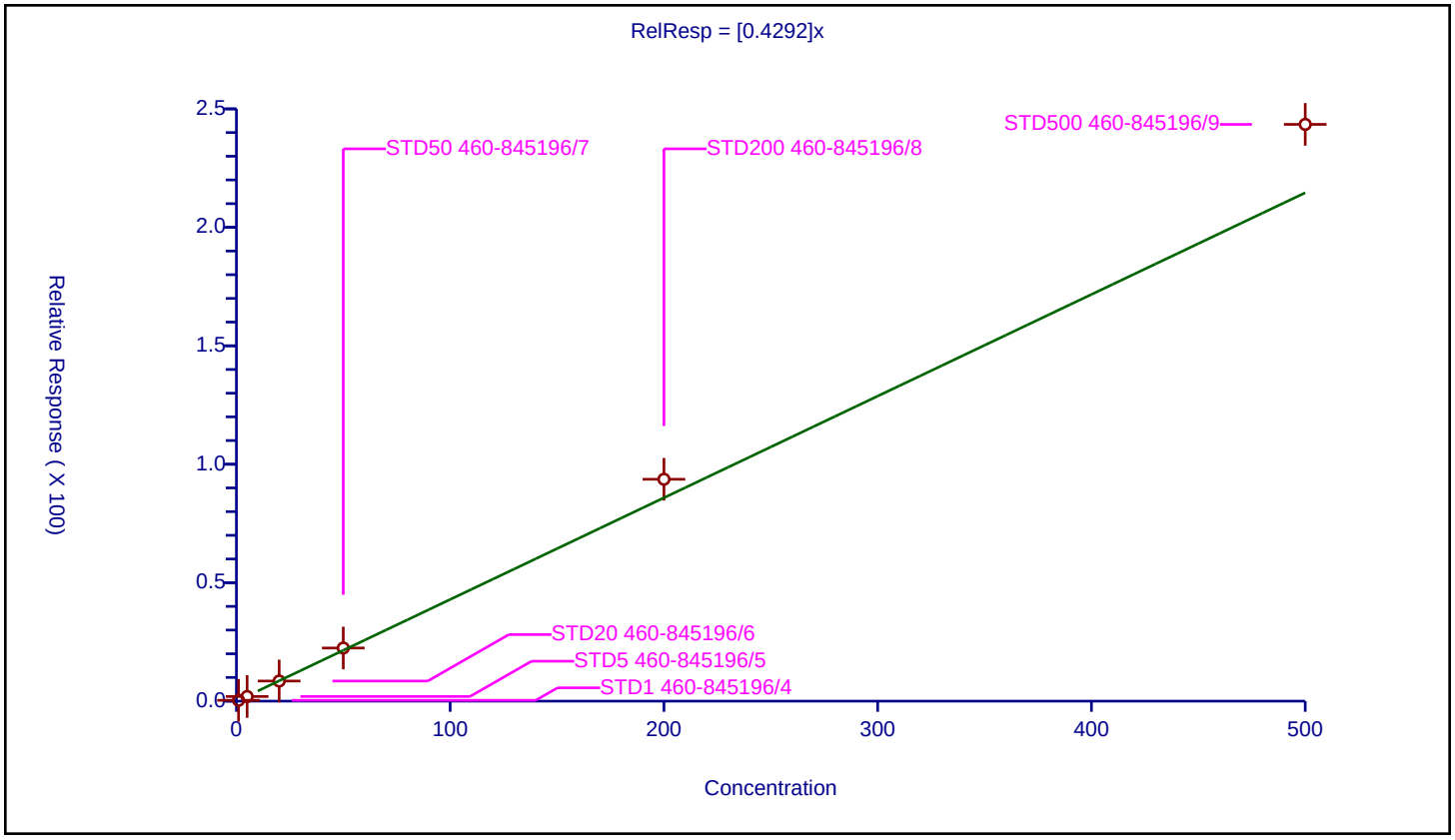
Curve Coefficients

Intercept:	0
Slope:	0.4292

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	11.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.354064	50.0	390042.0	0.354064	Y
2	STD5 460-845196/5	5.0	1.963941	50.0	375444.0	0.392788	Y
3	STD20 460-845196/6	20.0	8.49011	50.0	405089.0	0.424505	Y
4	STD50 460-845196/7	50.0	22.428449	50.0	425745.0	0.448569	Y
5	STD200 460-845196/8	200.0	93.659597	50.0	476823.0	0.468298	Y
6	STD500 460-845196/9	500.0	243.456308	50.0	520868.0	0.486913	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

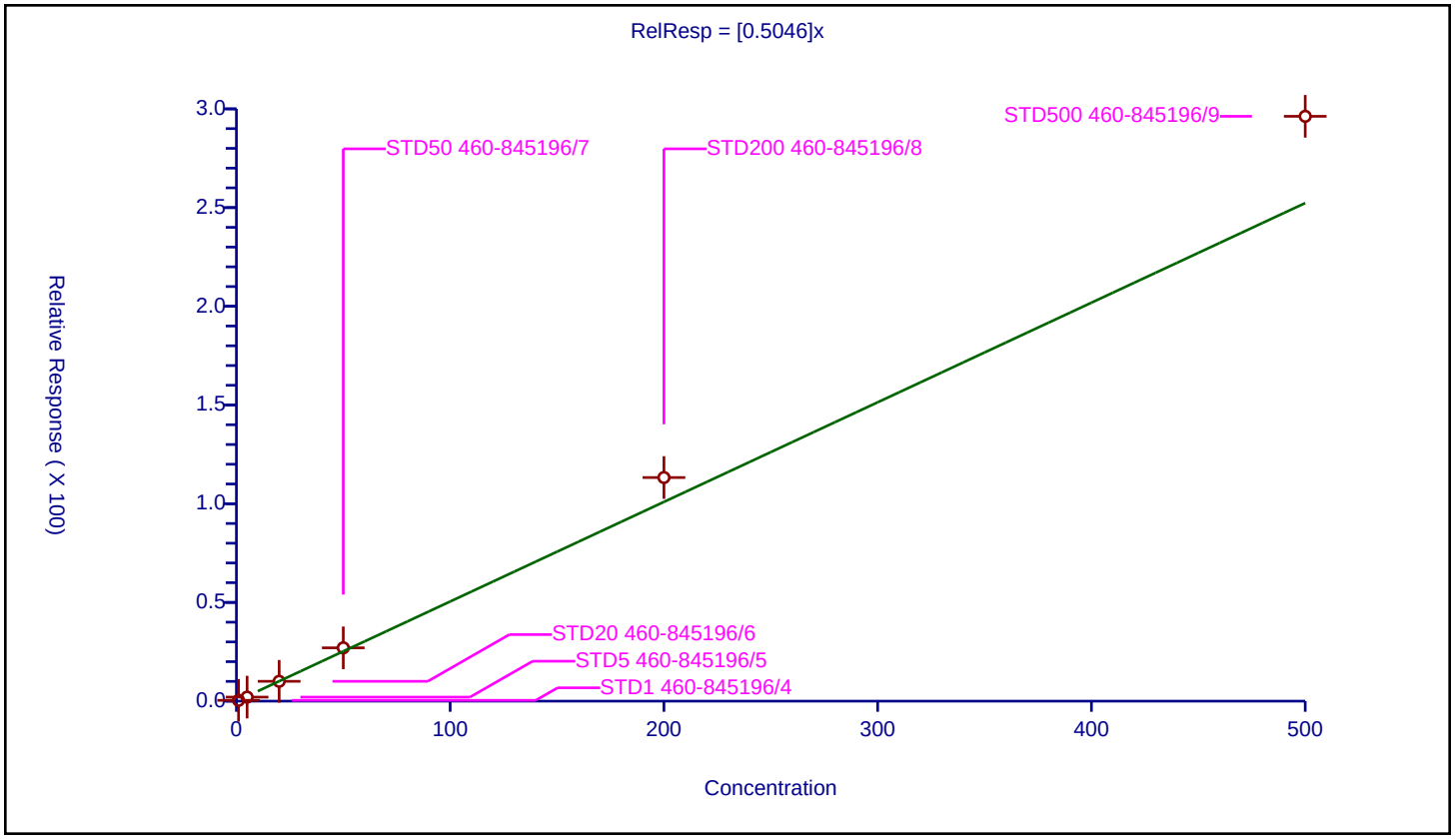
Curve Coefficients

Intercept:	0
Slope:	0.5046

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	15.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.417776	50.0	390042.0	0.417776	Y
2	STD5 460-845196/5	5.0	2.044113	50.0	375444.0	0.408823	Y
3	STD20 460-845196/6	20.0	10.04051	50.0	405089.0	0.502025	Y
4	STD50 460-845196/7	50.0	27.009478	50.0	425745.0	0.54019	Y
5	STD200 460-845196/8	200.0	113.263832	50.0	476823.0	0.566319	Y
6	STD500 460-845196/9	500.0	296.232059	50.0	520868.0	0.592464	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

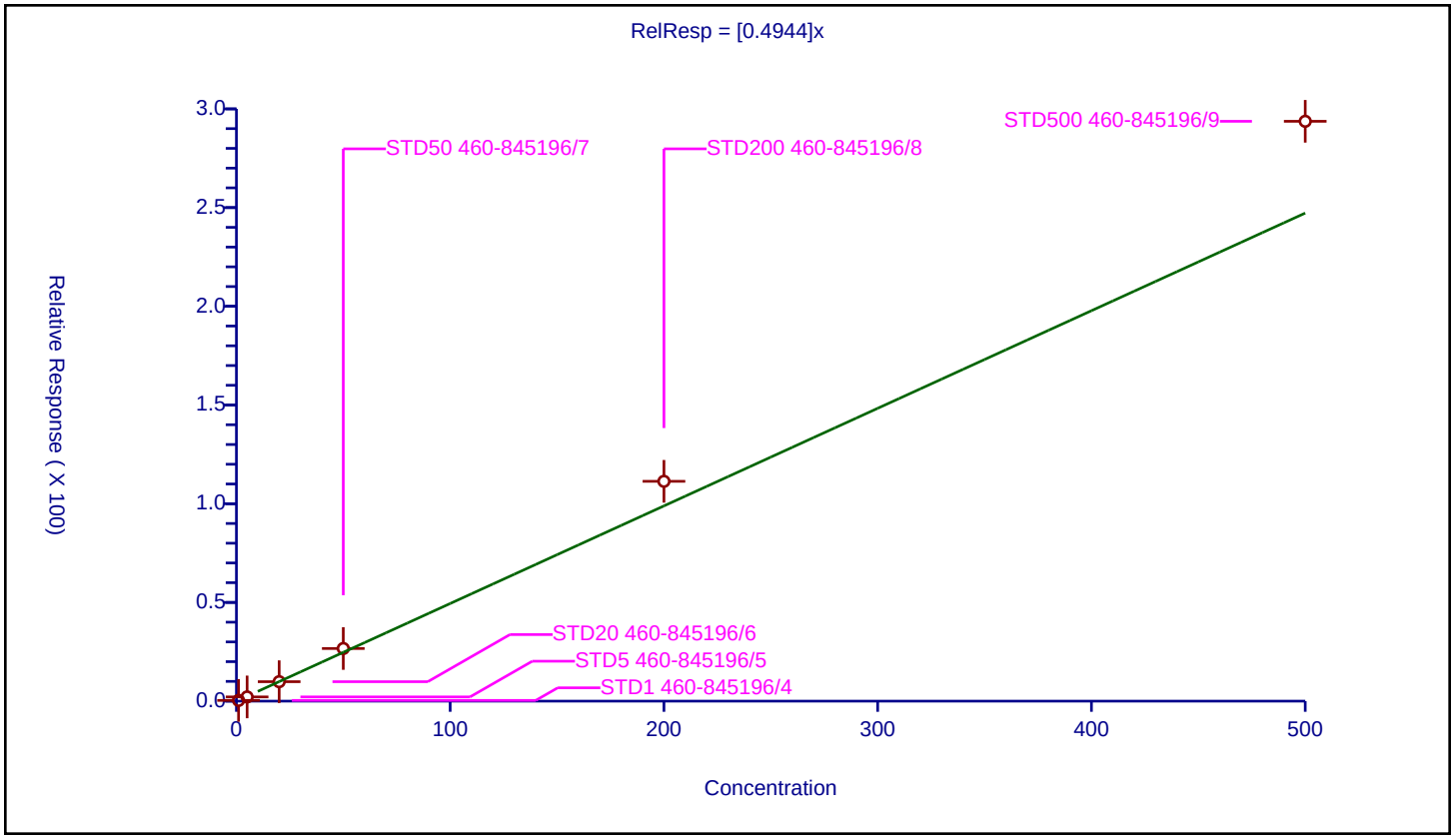
Curve Coefficients

Intercept:	0
Slope:	0.4944

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	16.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.367525	50.0	390042.0	0.367525	Y
2	STD5 460-845196/5	5.0	2.143329	50.0	375444.0	0.428666	Y
3	STD20 460-845196/6	20.0	9.856846	50.0	405089.0	0.492842	Y
4	STD50 460-845196/7	50.0	26.667606	50.0	425745.0	0.533352	Y
5	STD200 460-845196/8	200.0	111.357254	50.0	476823.0	0.556786	Y
6	STD500 460-845196/9	500.0	293.711171	50.0	520868.0	0.587422	Y



Calibration / Styrene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

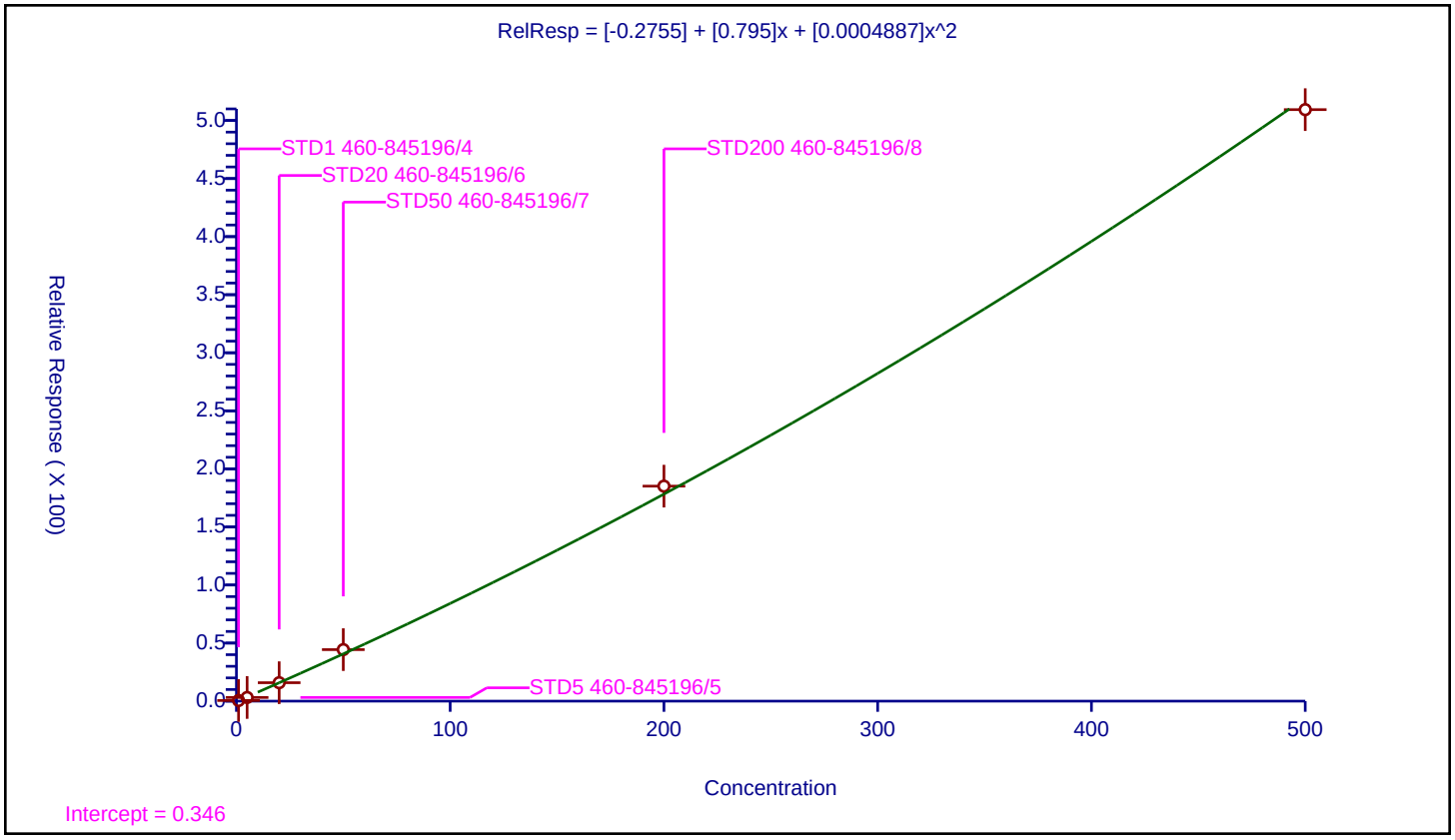
Curve Coefficients

Intercept:	-0.2755
Slope:	0.795
Second Order:	0.0004887

Error Coefficients

Standard Error:	3240000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.540455	50.0	390042.0	0.540455	Y
2	STD5 460-845196/5	5.0	3.157994	50.0	375444.0	0.631599	Y
3	STD20 460-845196/6	20.0	15.872685	50.0	405089.0	0.793634	Y
4	STD50 460-845196/7	50.0	44.374449	50.0	425745.0	0.887489	Y
5	STD200 460-845196/8	200.0	185.148367	50.0	476823.0	0.925742	Y
6	STD500 460-845196/9	500.0	509.359665	50.0	520868.0	1.018719	Y



Calibration / n-Butyl acrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

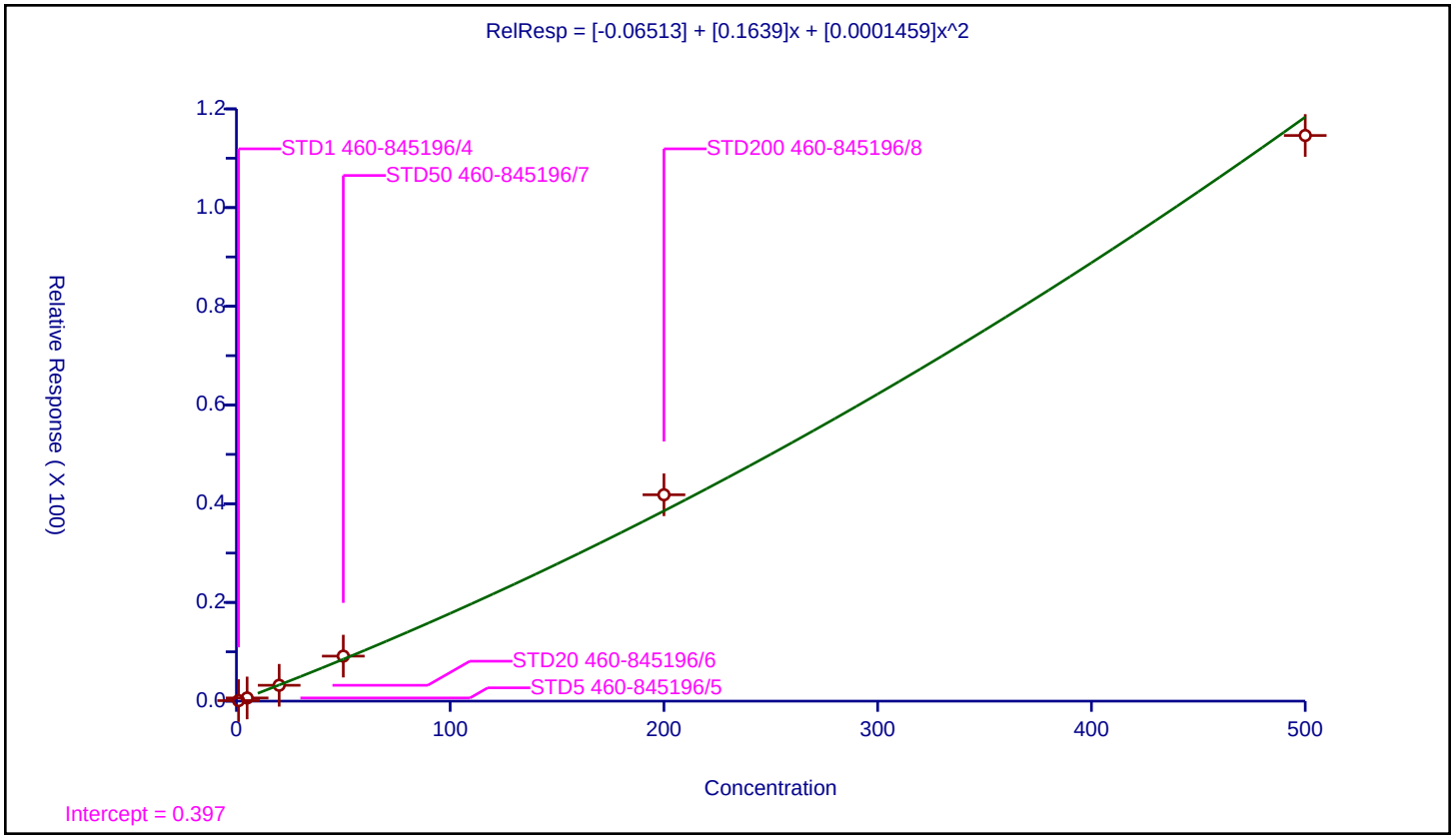
Curve Coefficients

Intercept:	-0.06513
Slope:	0.1639
Second Order:	0.0001459

Error Coefficients

Standard Error:	728000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.103322	50.0	390042.0	0.103322	Y
2	STD5 460-845196/5	5.0	0.642439	50.0	375444.0	0.128488	Y
3	STD20 460-845196/6	20.0	3.214726	50.0	405089.0	0.160736	Y
4	STD50 460-845196/7	50.0	9.120835	50.0	425745.0	0.182417	Y
5	STD200 460-845196/8	200.0	41.81279	50.0	476823.0	0.209064	Y
6	STD500 460-845196/9	500.0	114.611763	50.0	520868.0	0.229224	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

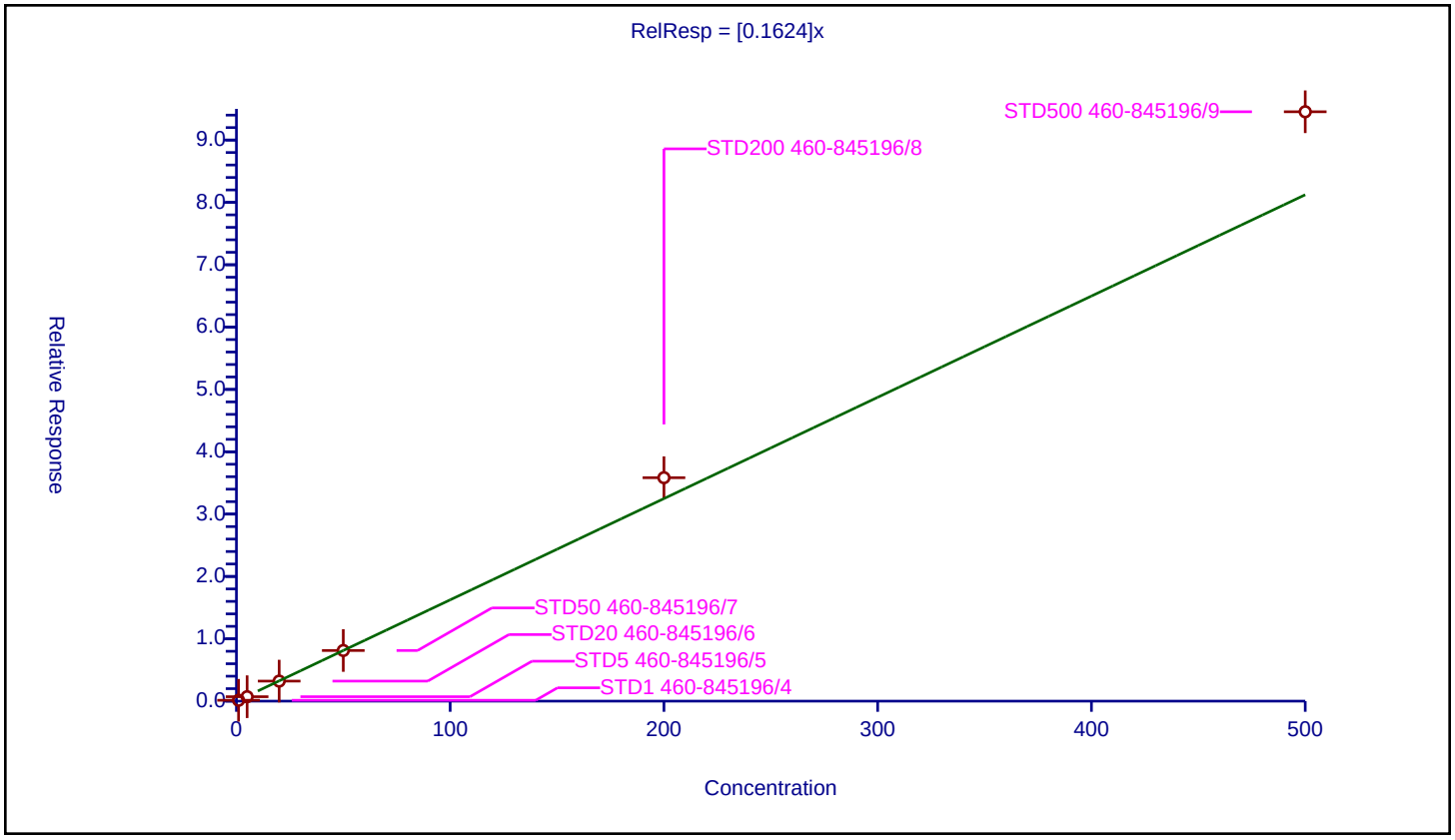
Curve Coefficients

Intercept:	0
Slope:	0.1624

Error Coefficients

Standard Error:	467000
Relative Standard Error:	11.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.140882	50.0	390042.0	0.140882	Y
2	STD5 460-845196/5	5.0	0.711291	50.0	375444.0	0.142258	Y
3	STD20 460-845196/6	20.0	3.216824	50.0	405089.0	0.160841	Y
4	STD50 460-845196/7	50.0	8.121763	50.0	425745.0	0.162435	Y
5	STD200 460-845196/8	200.0	35.840238	50.0	476823.0	0.179201	Y
6	STD500 460-845196/9	500.0	94.539595	50.0	520868.0	0.189079	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

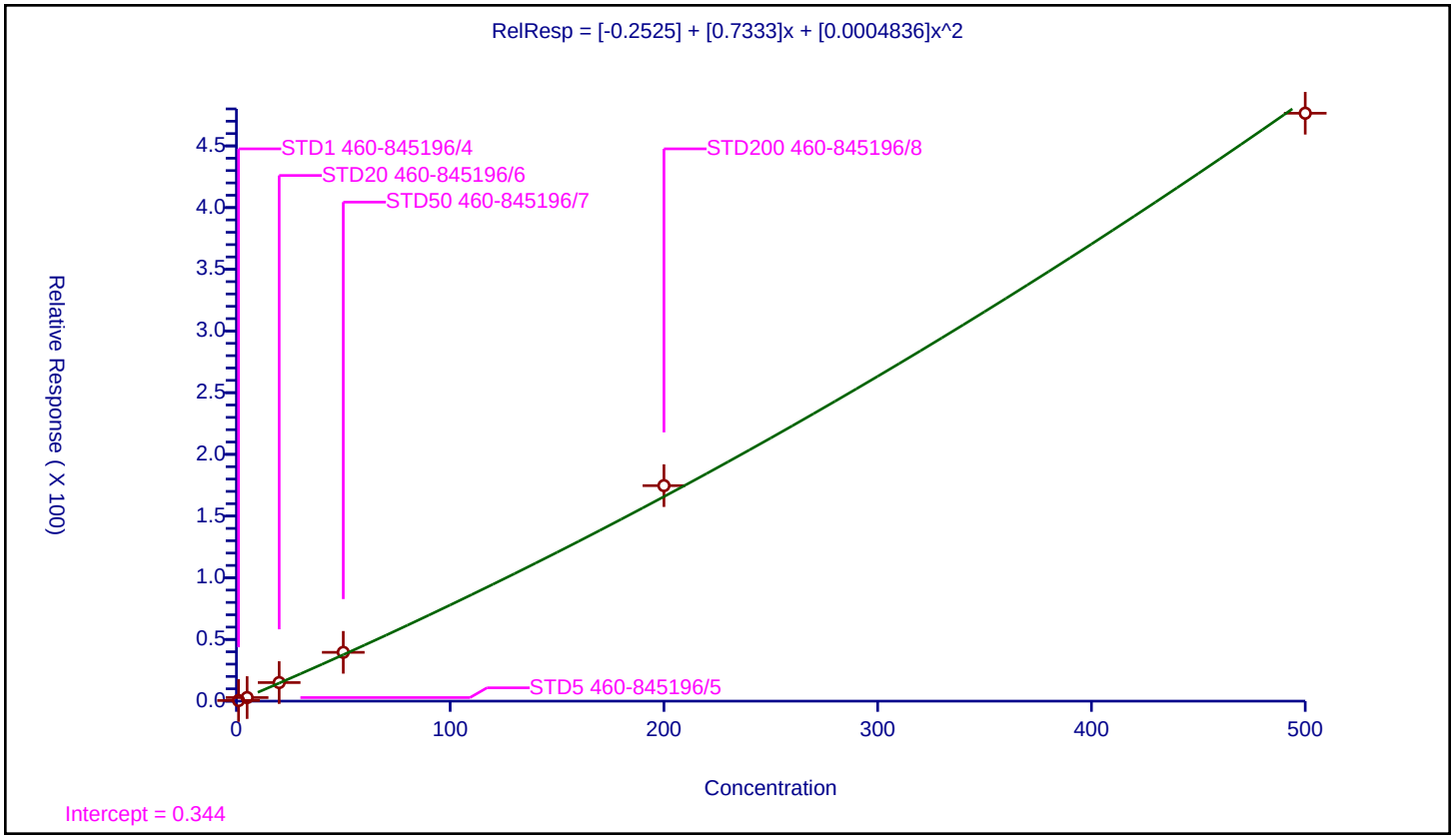
Curve Coefficients

Intercept:	-0.2525
Slope:	0.7333
Second Order:	0.0004836

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.499713	50.0	202416.0	0.499713	Y
2	STD5 460-845196/5	5.0	2.913327	50.0	201505.0	0.582665	Y
3	STD20 460-845196/6	20.0	15.051935	50.0	218736.0	0.752597	Y
4	STD50 460-845196/7	50.0	39.563628	50.0	236289.0	0.791273	Y
5	STD200 460-845196/8	200.0	174.655711	50.0	277238.0	0.873279	Y
6	STD500 460-845196/9	500.0	476.485257	50.0	309391.0	0.952971	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

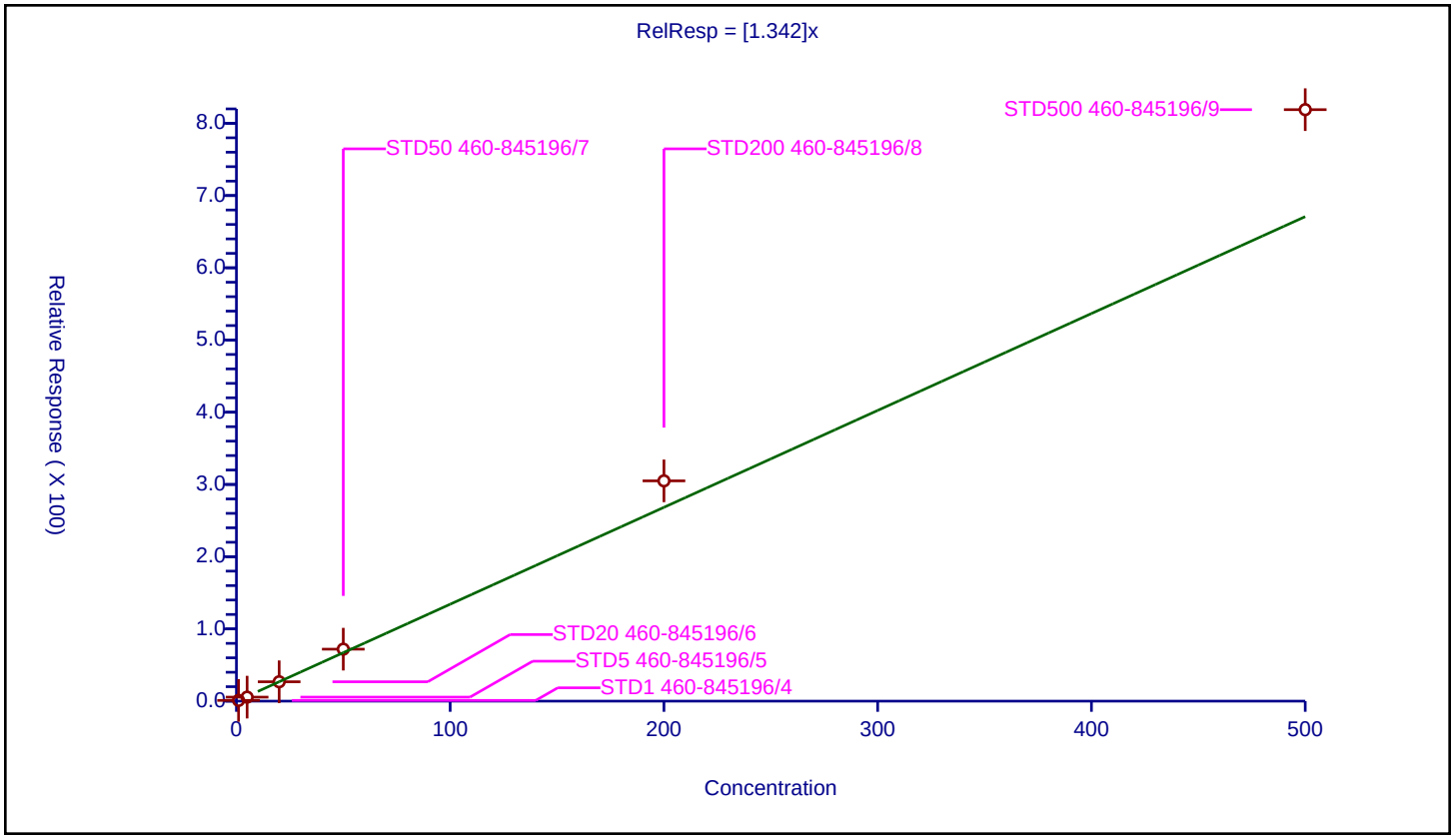
Curve Coefficients

Intercept:	0
Slope:	1.342

Error Coefficients

Standard Error:	4040000
Relative Standard Error:	18.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.999251	50.0	390042.0	0.999251	Y
2	STD5 460-845196/5	5.0	5.538909	50.0	375444.0	1.107782	Y
3	STD20 460-845196/6	20.0	26.812626	50.0	405089.0	1.340631	Y
4	STD50 460-845196/7	50.0	71.975126	50.0	425745.0	1.439503	Y
5	STD200 460-845196/8	200.0	304.988958	50.0	476823.0	1.524945	Y
6	STD500 460-845196/9	500.0	818.936948	50.0	520868.0	1.637874	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

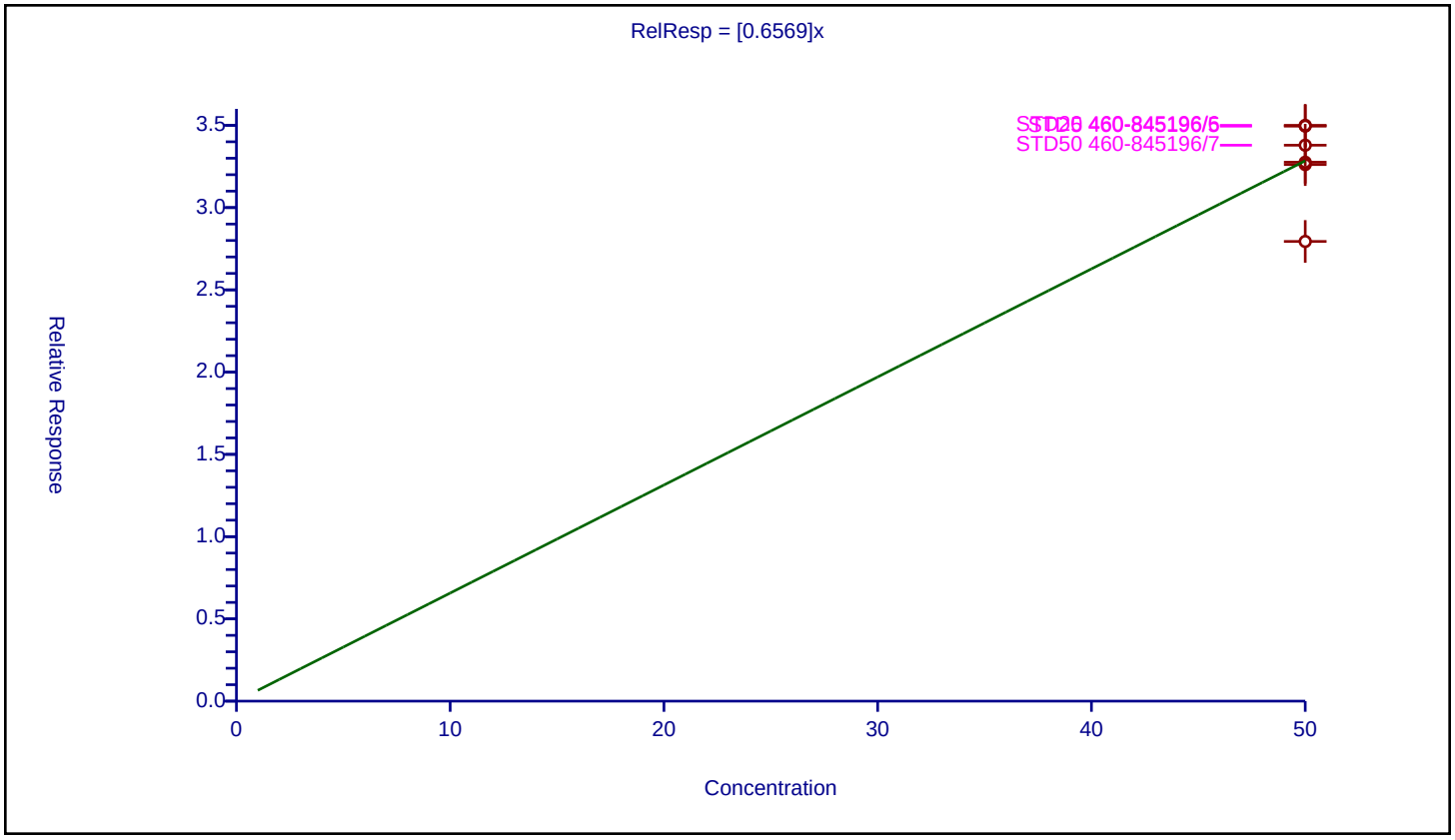
Curve Coefficients

Intercept:	0
Slope:	0.6569

Error Coefficients

Standard Error:	173000
Relative Standard Error:	7.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	50.0	32.61427	50.0	202416.0	0.652285	Y
2	STD5 460-845196/5	50.0	34.950994	50.0	201505.0	0.69902	Y
3	STD20 460-845196/6	50.0	35.000183	50.0	218736.0	0.700004	Y
4	STD50 460-845196/7	50.0	33.792517	50.0	236289.0	0.67585	Y
5	STD200 460-845196/8	50.0	32.758857	50.0	277238.0	0.655177	Y
6	STD500 460-845196/9	50.0	27.941989	50.0	309391.0	0.55884	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

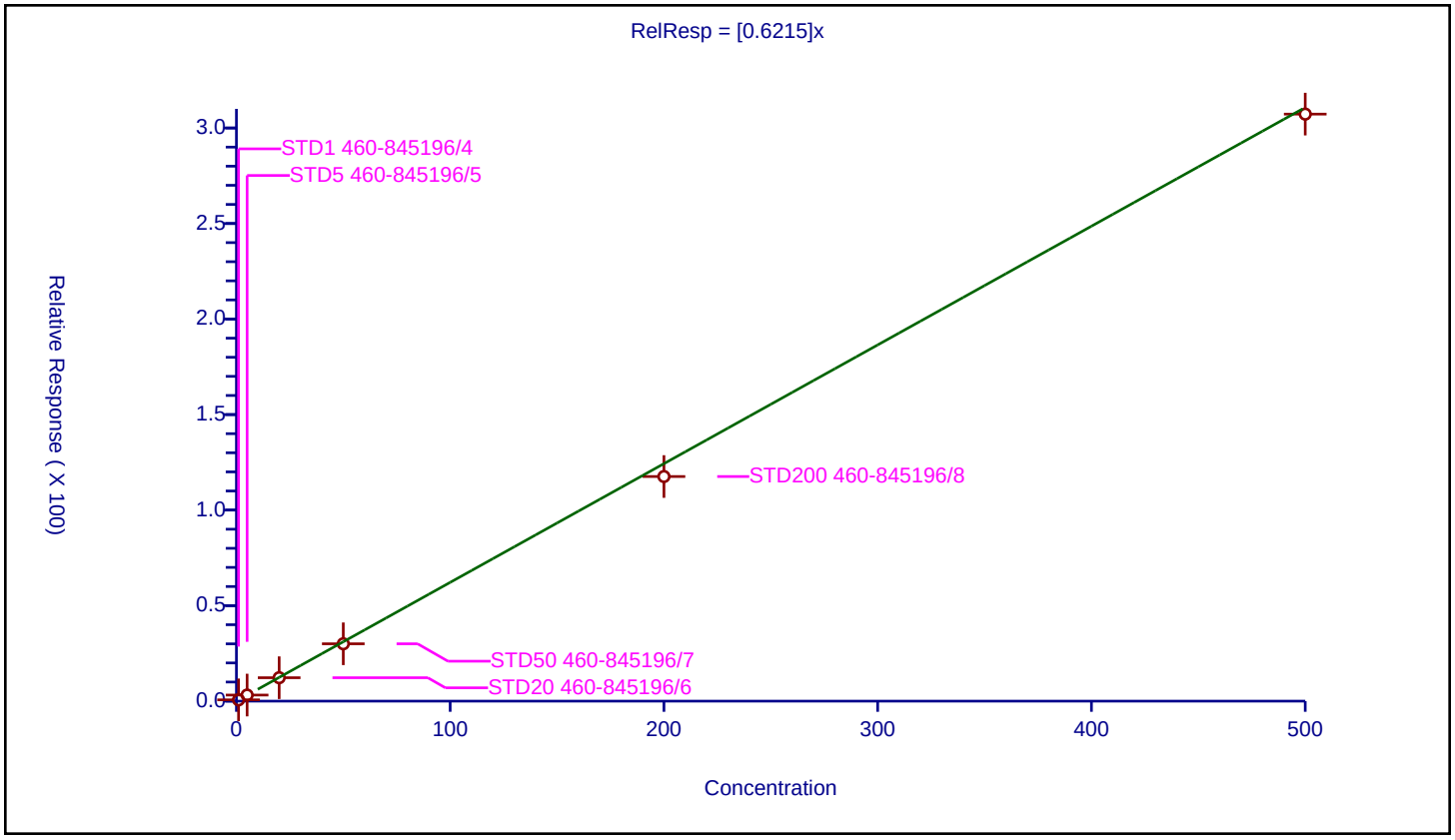
Curve Coefficients

Intercept:	0
Slope:	0.6215

Error Coefficients

Standard Error:	901000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.676083	50.0	202416.0	0.676083	Y
2	STD5 460-845196/5	5.0	3.184536	50.0	201505.0	0.636907	Y
3	STD20 460-845196/6	20.0	12.263642	50.0	218736.0	0.613182	Y
4	STD50 460-845196/7	50.0	30.027424	50.0	236289.0	0.600548	Y
5	STD200 460-845196/8	200.0	117.566676	50.0	277238.0	0.587833	Y
6	STD500 460-845196/9	500.0	307.270897	50.0	309391.0	0.614542	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

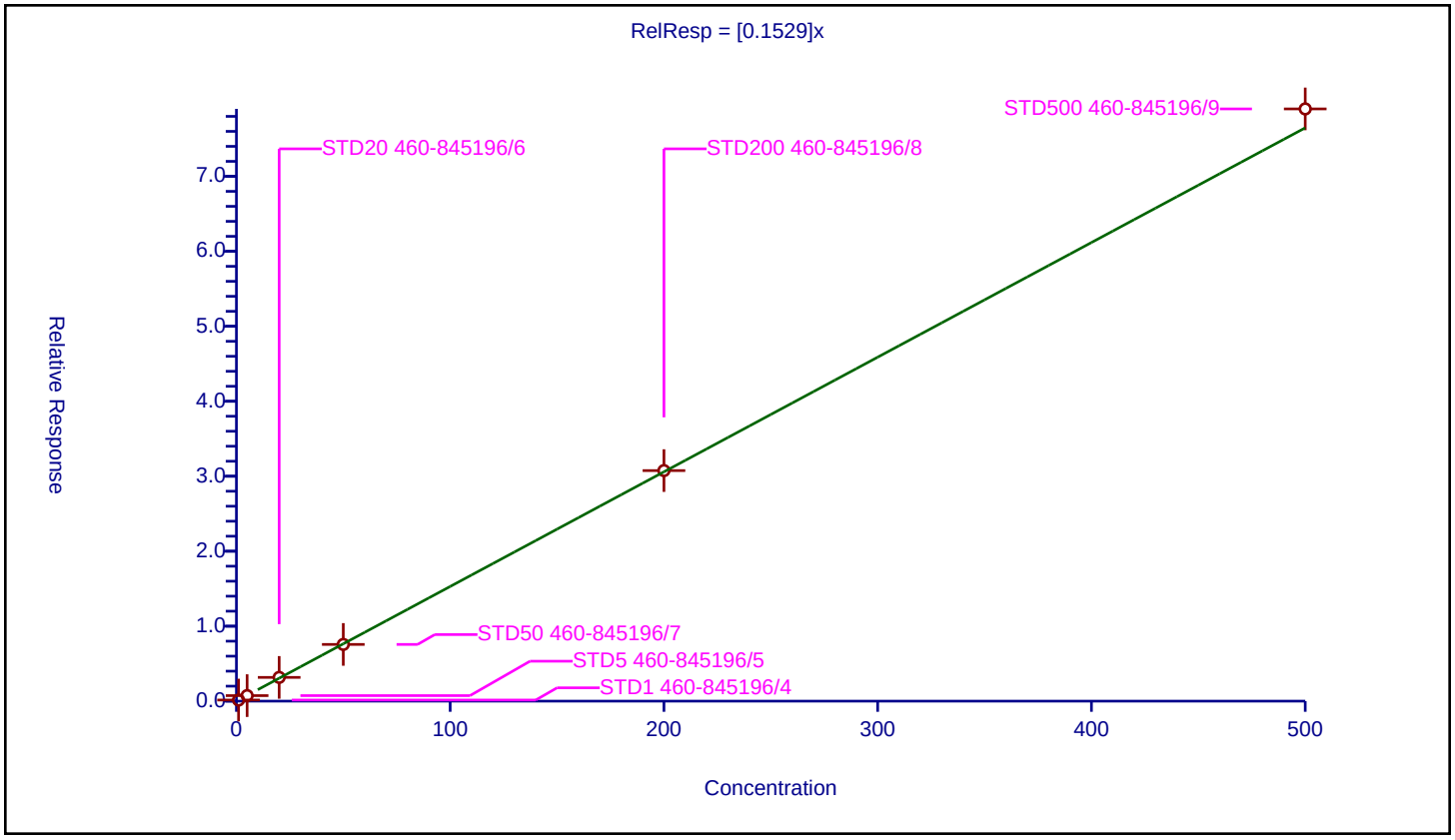
Curve Coefficients

Intercept:	0
Slope:	0.1529

Error Coefficients

Standard Error:	232000
Relative Standard Error:	3.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.148704	50.0	202416.0	0.148704	Y
2	STD5 460-845196/5	5.0	0.737451	50.0	201505.0	0.14749	Y
3	STD20 460-845196/6	20.0	3.167517	50.0	218736.0	0.158376	Y
4	STD50 460-845196/7	50.0	7.564889	50.0	236289.0	0.151298	Y
5	STD200 460-845196/8	200.0	30.75336	50.0	277238.0	0.153767	Y
6	STD500 460-845196/9	500.0	78.995349	50.0	309391.0	0.157991	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

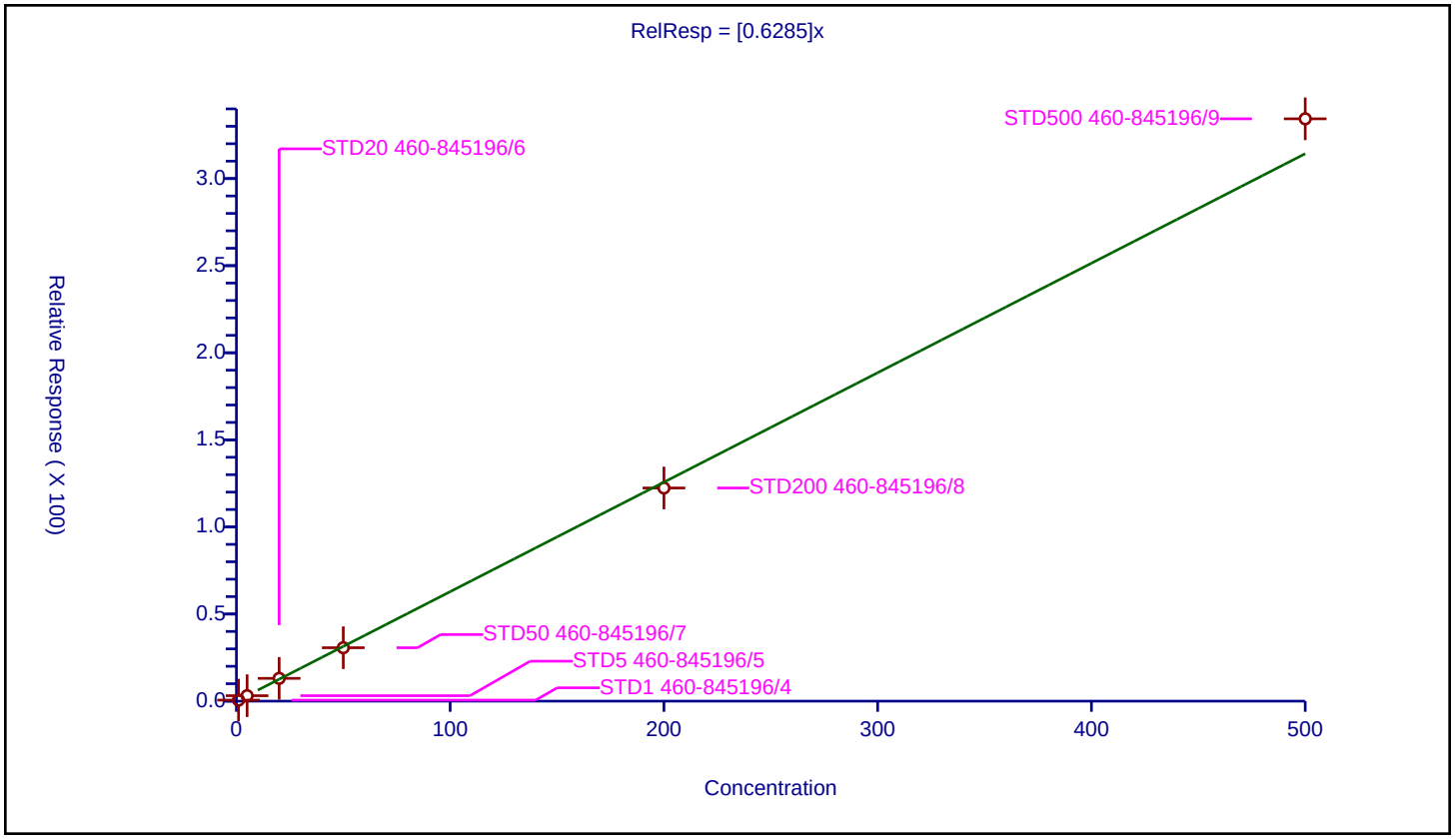
Curve Coefficients

Intercept:	0
Slope:	0.6285

Error Coefficients

Standard Error:	976000
Relative Standard Error:	4.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.596297	50.0	202416.0	0.596297	Y
2	STD5 460-845196/5	5.0	3.133669	50.0	201505.0	0.626734	Y
3	STD20 460-845196/6	20.0	13.085409	50.0	218736.0	0.65427	Y
4	STD50 460-845196/7	50.0	30.670704	50.0	236289.0	0.613414	Y
5	STD200 460-845196/8	200.0	122.359669	50.0	277238.0	0.611798	Y
6	STD500 460-845196/9	500.0	334.303357	50.0	309391.0	0.668607	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

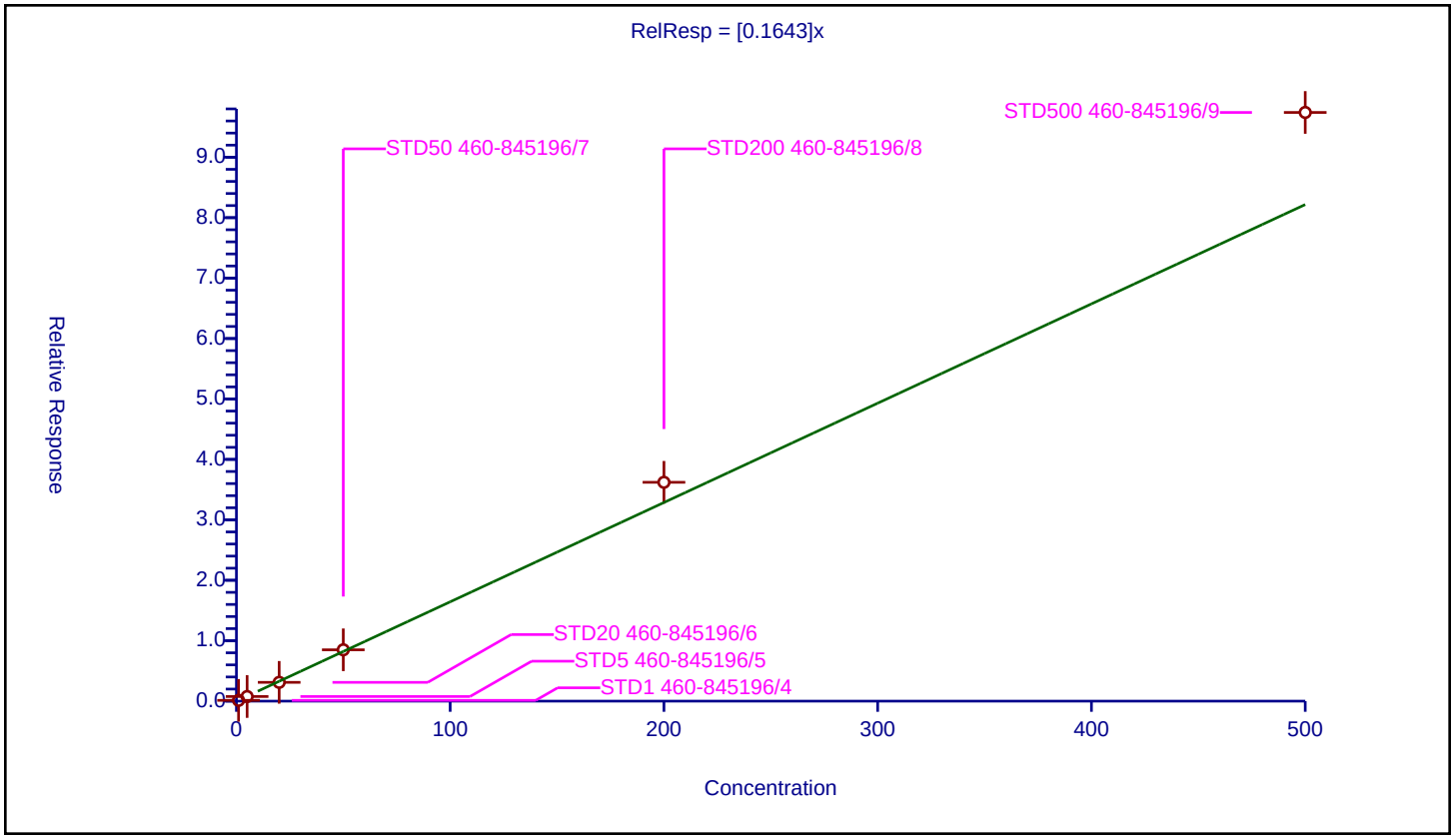
Curve Coefficients

Intercept:	0
Slope:	0.1643

Error Coefficients

Standard Error:	285000
Relative Standard Error:	13.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.131907	50.0	202416.0	0.131907	Y
2	STD5 460-845196/5	5.0	0.764745	50.0	201505.0	0.152949	Y
3	STD20 460-845196/6	20.0	3.107627	50.0	218736.0	0.155381	Y
4	STD50 460-845196/7	50.0	8.49574	50.0	236289.0	0.169915	Y
5	STD200 460-845196/8	200.0	36.210224	50.0	277238.0	0.181051	Y
6	STD500 460-845196/9	500.0	97.409912	50.0	309391.0	0.19482	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

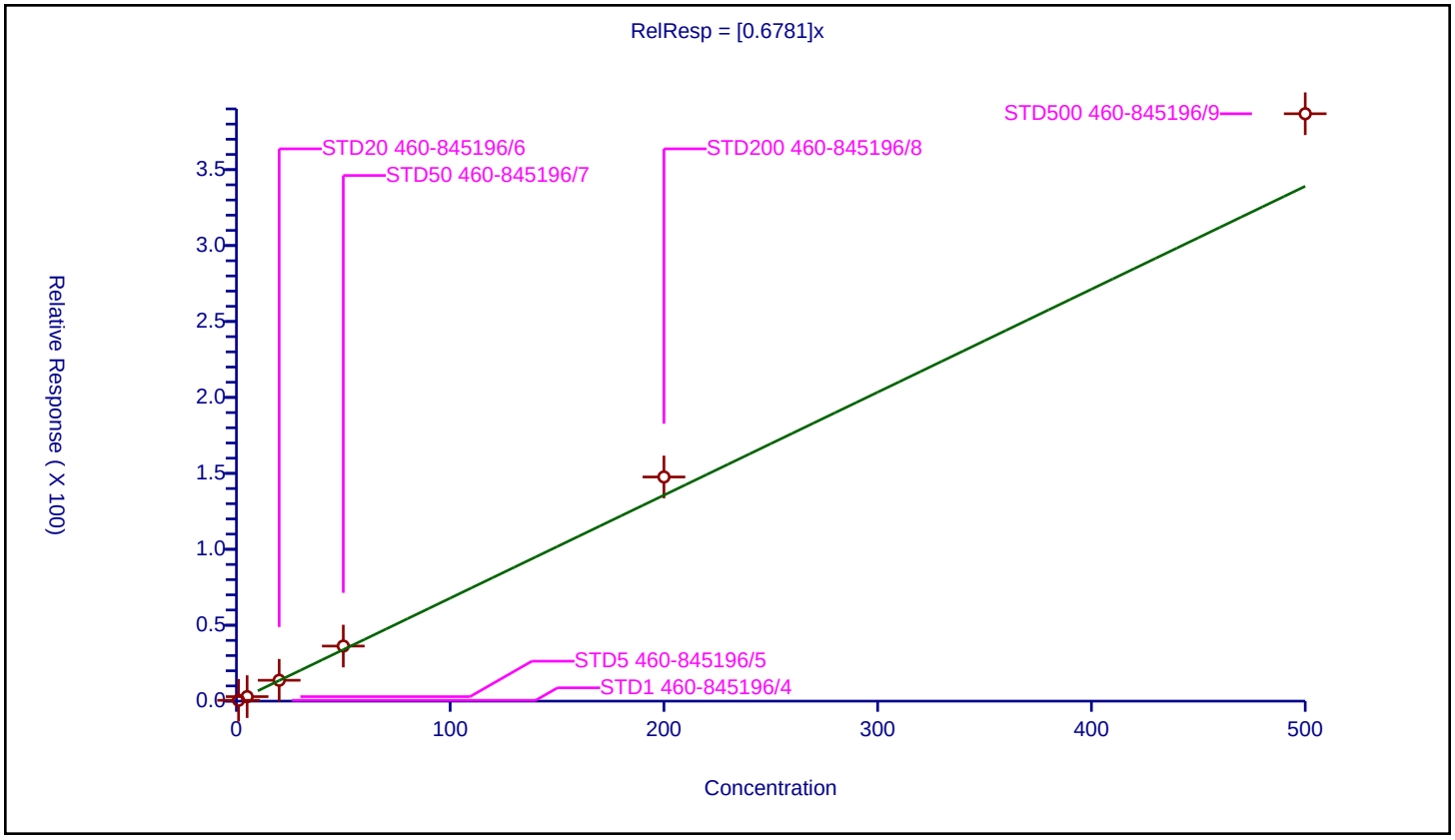
Curve Coefficients

Intercept:	0
Slope:	0.6781

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	12.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.552575	50.0	202416.0	0.552575	Y
2	STD5 460-845196/5	5.0	2.958736	50.0	201505.0	0.591747	Y
3	STD20 460-845196/6	20.0	13.749223	50.0	218736.0	0.687461	Y
4	STD50 460-845196/7	50.0	36.261527	50.0	236289.0	0.725231	Y
5	STD200 460-845196/8	200.0	147.620456	50.0	277238.0	0.738102	Y
6	STD500 460-845196/9	500.0	386.808117	50.0	309391.0	0.773616	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

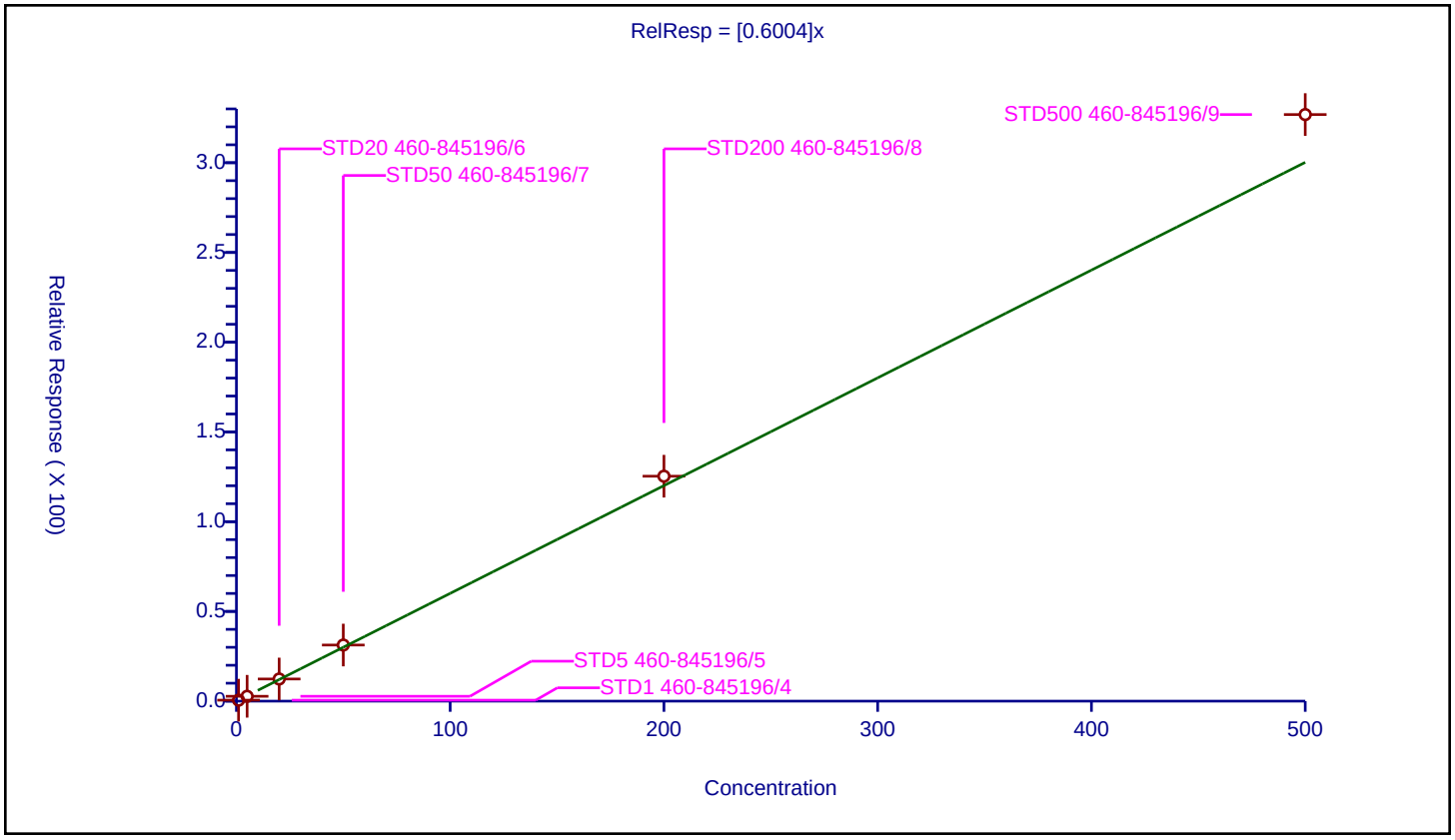
Curve Coefficients

Intercept:	0
Slope:	0.6004

Error Coefficients

Standard Error:	959000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.53973	50.0	202416.0	0.53973	Y
2	STD5 460-845196/5	5.0	2.701422	50.0	201505.0	0.540284	Y
3	STD20 460-845196/6	20.0	12.339533	50.0	218736.0	0.616977	Y
4	STD50 460-845196/7	50.0	31.257486	50.0	236289.0	0.62515	Y
5	STD200 460-845196/8	200.0	125.339239	50.0	277238.0	0.626696	Y
6	STD500 460-845196/9	500.0	326.842571	50.0	309391.0	0.653685	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

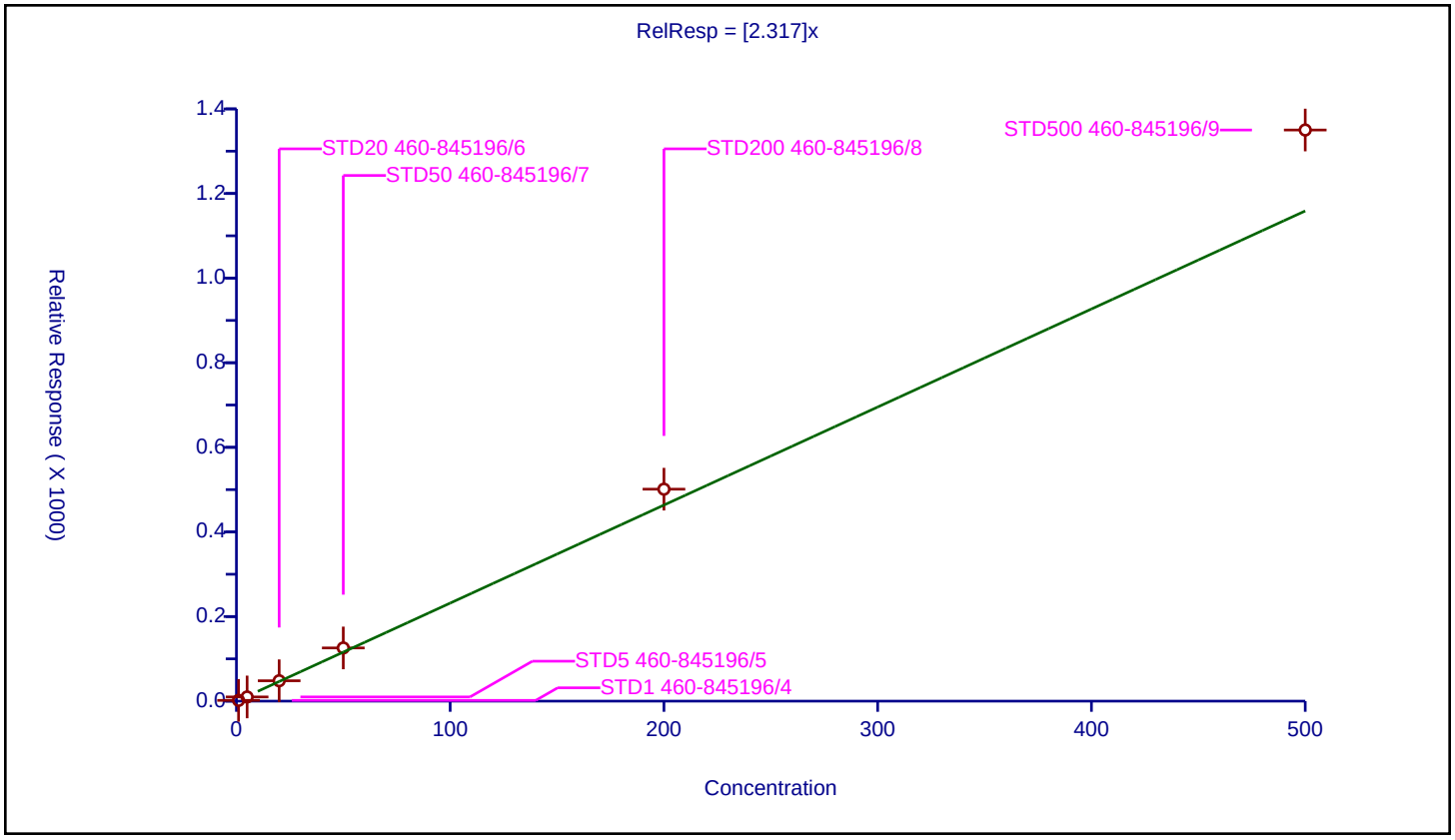
Curve Coefficients

Intercept:	0
Slope:	2.317

Error Coefficients

Standard Error:	3950000
Relative Standard Error:	15.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.79556	50.0	202416.0	1.79556	Y
2	STD5 460-845196/5	5.0	9.900002	50.0	201505.0	1.98	Y
3	STD20 460-845196/6	20.0	48.171769	50.0	218736.0	2.408588	Y
4	STD50 460-845196/7	50.0	125.75067	50.0	236289.0	2.515013	Y
5	STD200 460-845196/8	200.0	501.075069	50.0	277238.0	2.505375	Y
6	STD500 460-845196/9	500.0	1350.101651	50.0	309391.0	2.700203	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

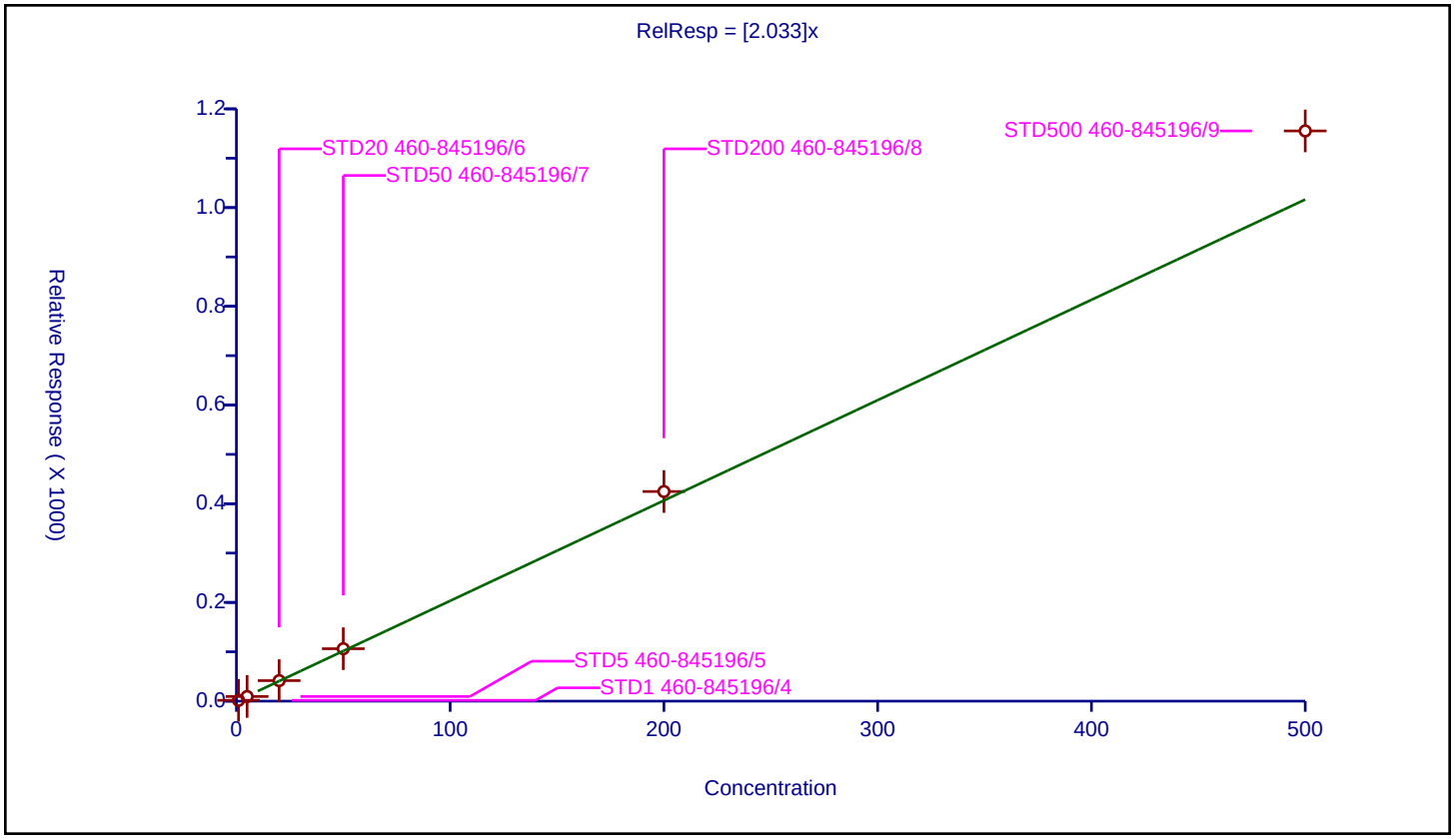
Curve Coefficients

Intercept:	0
Slope:	2.033

Error Coefficients

Standard Error:	3370000
Relative Standard Error:	10.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.679956	50.0	202416.0	1.679956	Y
2	STD5 460-845196/5	5.0	9.3953	50.0	201505.0	1.87906	Y
3	STD20 460-845196/6	20.0	41.572261	50.0	218736.0	2.078613	Y
4	STD50 460-845196/7	50.0	106.225851	50.0	236289.0	2.124517	Y
5	STD200 460-845196/8	200.0	424.738672	50.0	277238.0	2.123693	Y
6	STD500 460-845196/9	500.0	1155.324492	50.0	309391.0	2.310649	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

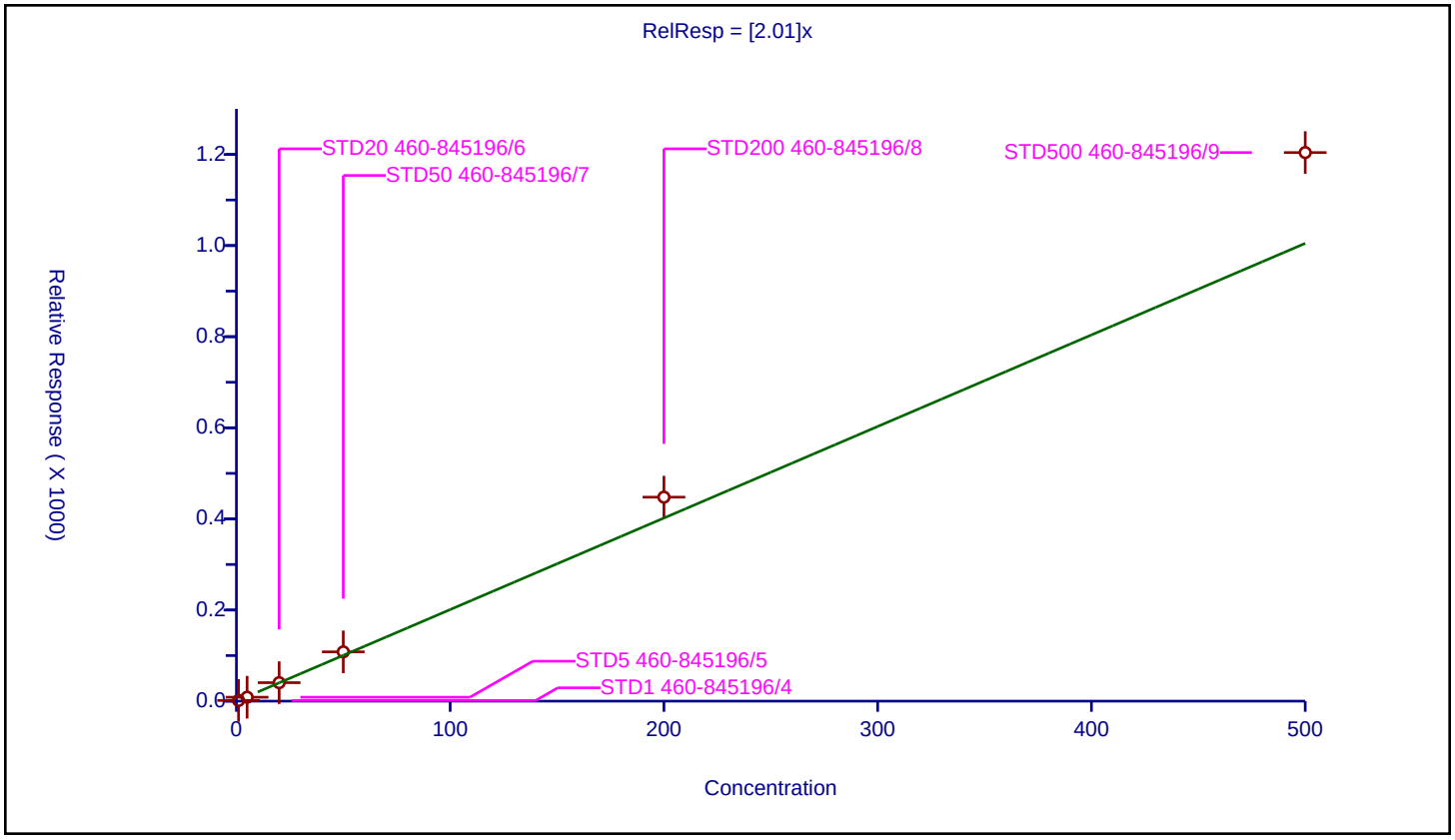
Curve Coefficients

Intercept:	0
Slope:	2.01

Error Coefficients

Standard Error:	3520000
Relative Standard Error:	17.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.493706	50.0	202416.0	1.493706	Y
2	STD5 460-845196/5	5.0	8.631051	50.0	201505.0	1.72621	Y
3	STD20 460-845196/6	20.0	40.551167	50.0	218736.0	2.027558	Y
4	STD50 460-845196/7	50.0	108.170926	50.0	236289.0	2.163419	Y
5	STD200 460-845196/8	200.0	447.733536	50.0	277238.0	2.238668	Y
6	STD500 460-845196/9	500.0	1204.137321	50.0	309391.0	2.408275	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

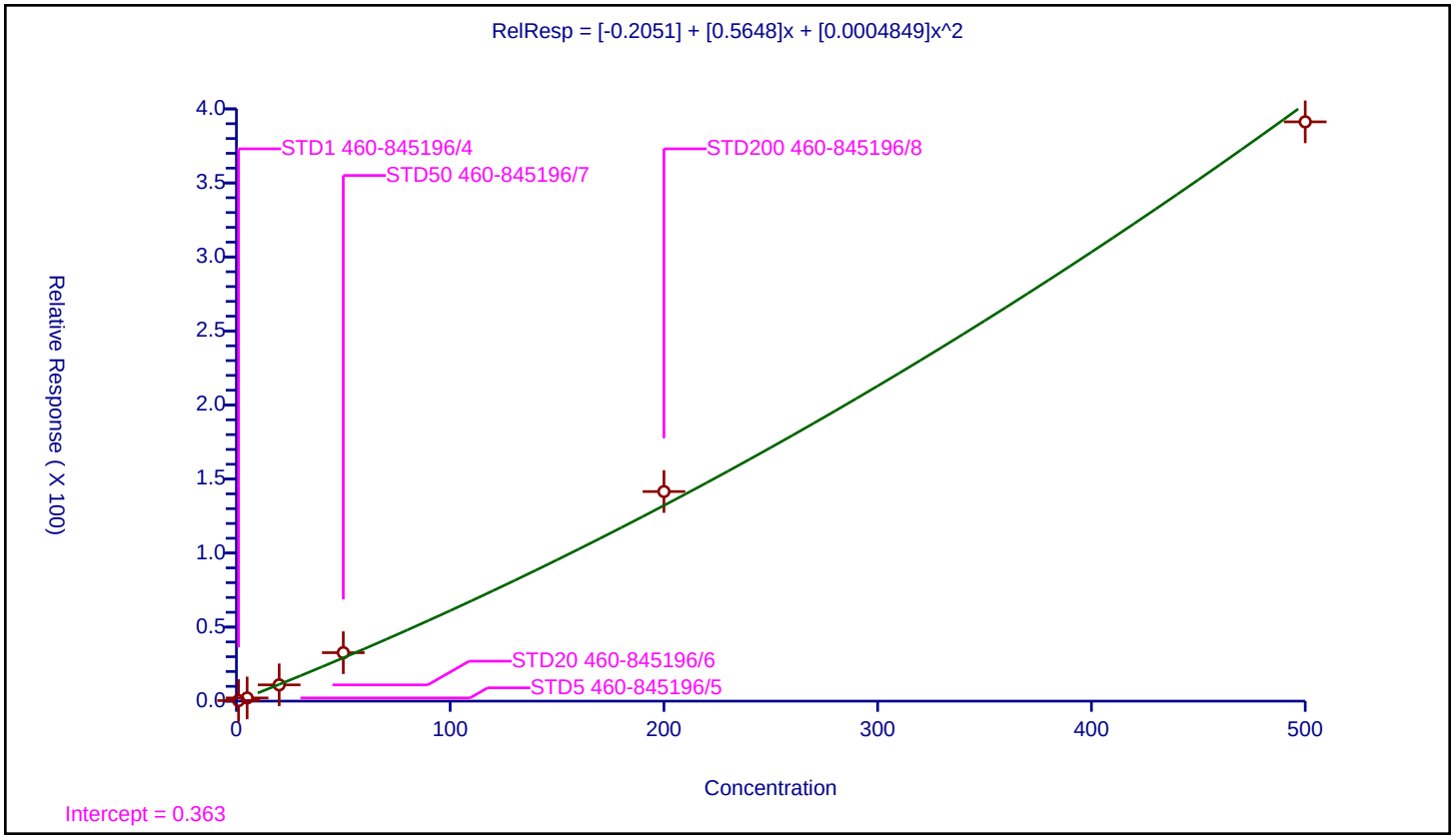
Curve Coefficients

Intercept:	-0.2051
Slope:	0.5648
Second Order:	0.0004849

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	12.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.378429	50.0	202416.0	0.378429	Y
2	STD5 460-845196/5	5.0	2.152552	50.0	201505.0	0.43051	Y
3	STD20 460-845196/6	20.0	10.98356	50.0	218736.0	0.549178	Y
4	STD50 460-845196/7	50.0	32.72264	50.0	236289.0	0.654453	Y
5	STD200 460-845196/8	200.0	141.568796	50.0	277238.0	0.707844	Y
6	STD500 460-845196/9	500.0	391.261704	50.0	309391.0	0.782523	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

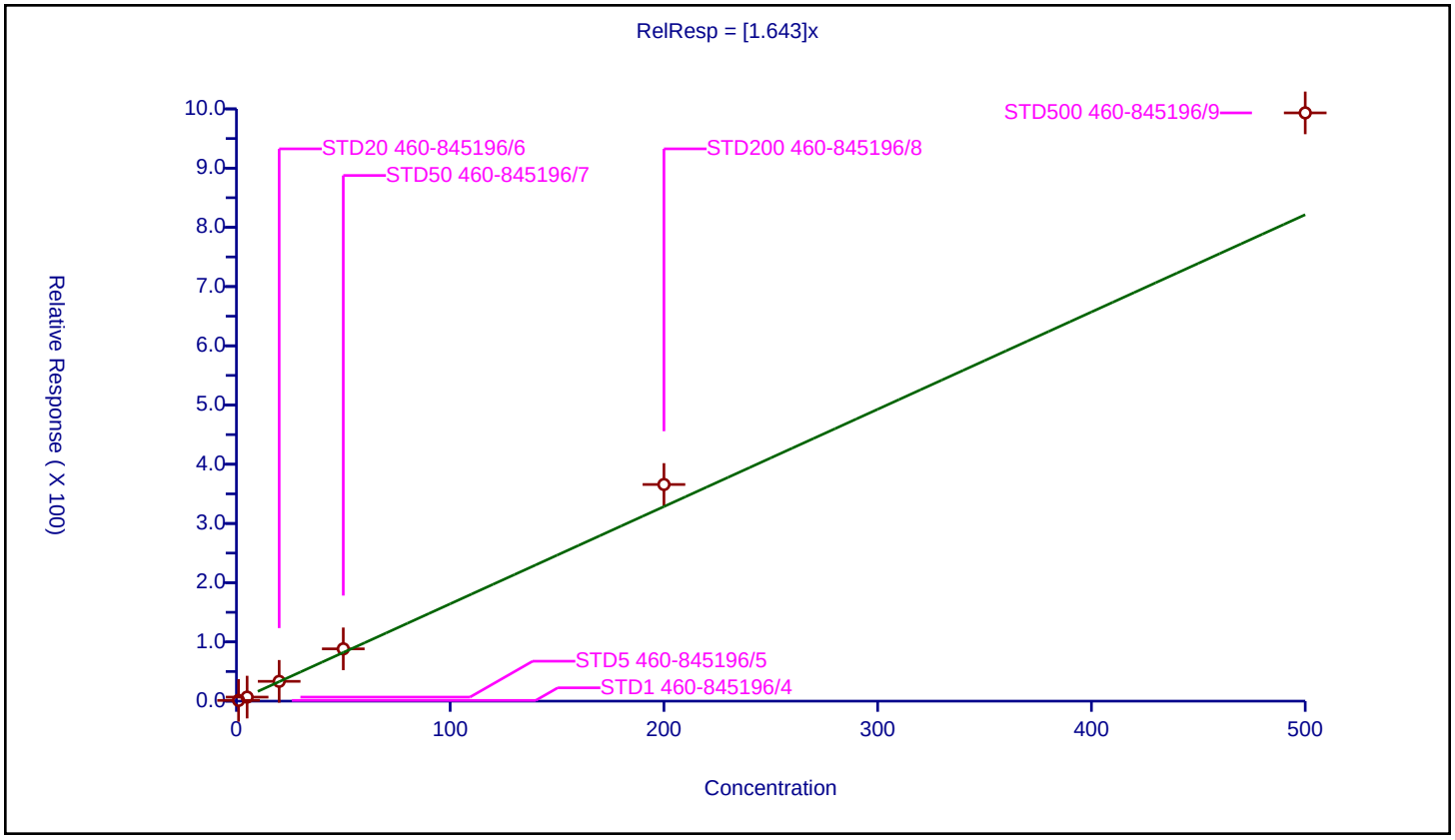
Curve Coefficients

Intercept:	0
Slope:	1.643

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	17.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.241009	50.0	202416.0	1.241009	Y
2	STD5 460-845196/5	5.0	6.815464	50.0	201505.0	1.363093	Y
3	STD20 460-845196/6	20.0	33.420882	50.0	218736.0	1.671044	Y
4	STD50 460-845196/7	50.0	88.278549	50.0	236289.0	1.765571	Y
5	STD200 460-845196/8	200.0	365.818899	50.0	277238.0	1.829094	Y
6	STD500 460-845196/9	500.0	993.27259	50.0	309391.0	1.986545	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

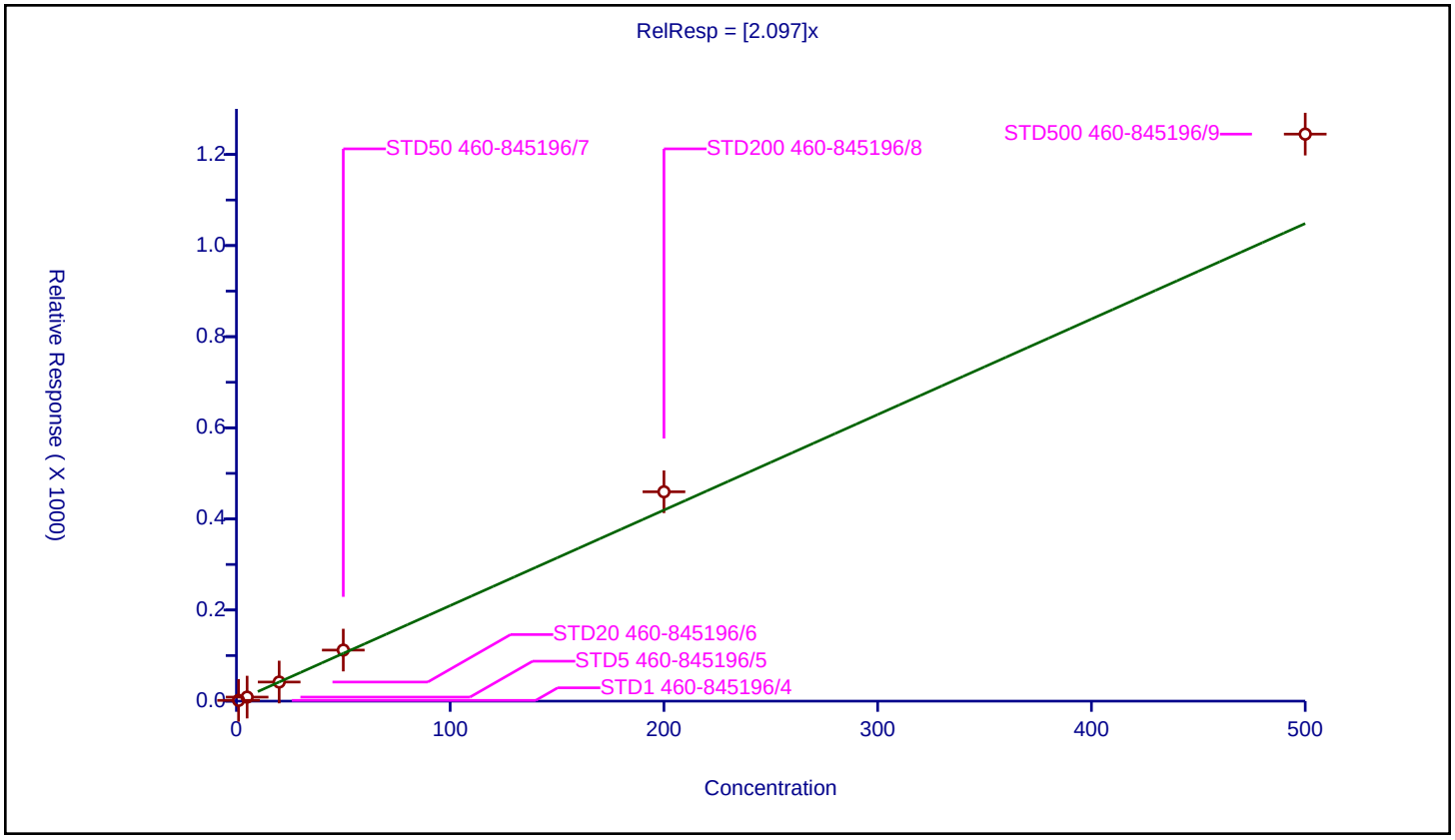
Curve Coefficients

Intercept:	0
Slope:	2.097

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	15.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.681438	50.0	202416.0	1.681438	Y
2	STD5 460-845196/5	5.0	8.873477	50.0	201505.0	1.774695	Y
3	STD20 460-845196/6	20.0	41.921769	50.0	218736.0	2.096088	Y
4	STD50 460-845196/7	50.0	112.070177	50.0	236289.0	2.241404	Y
5	STD200 460-845196/8	200.0	459.538014	50.0	277238.0	2.29769	Y
6	STD500 460-845196/9	500.0	1244.64561	50.0	309391.0	2.489291	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

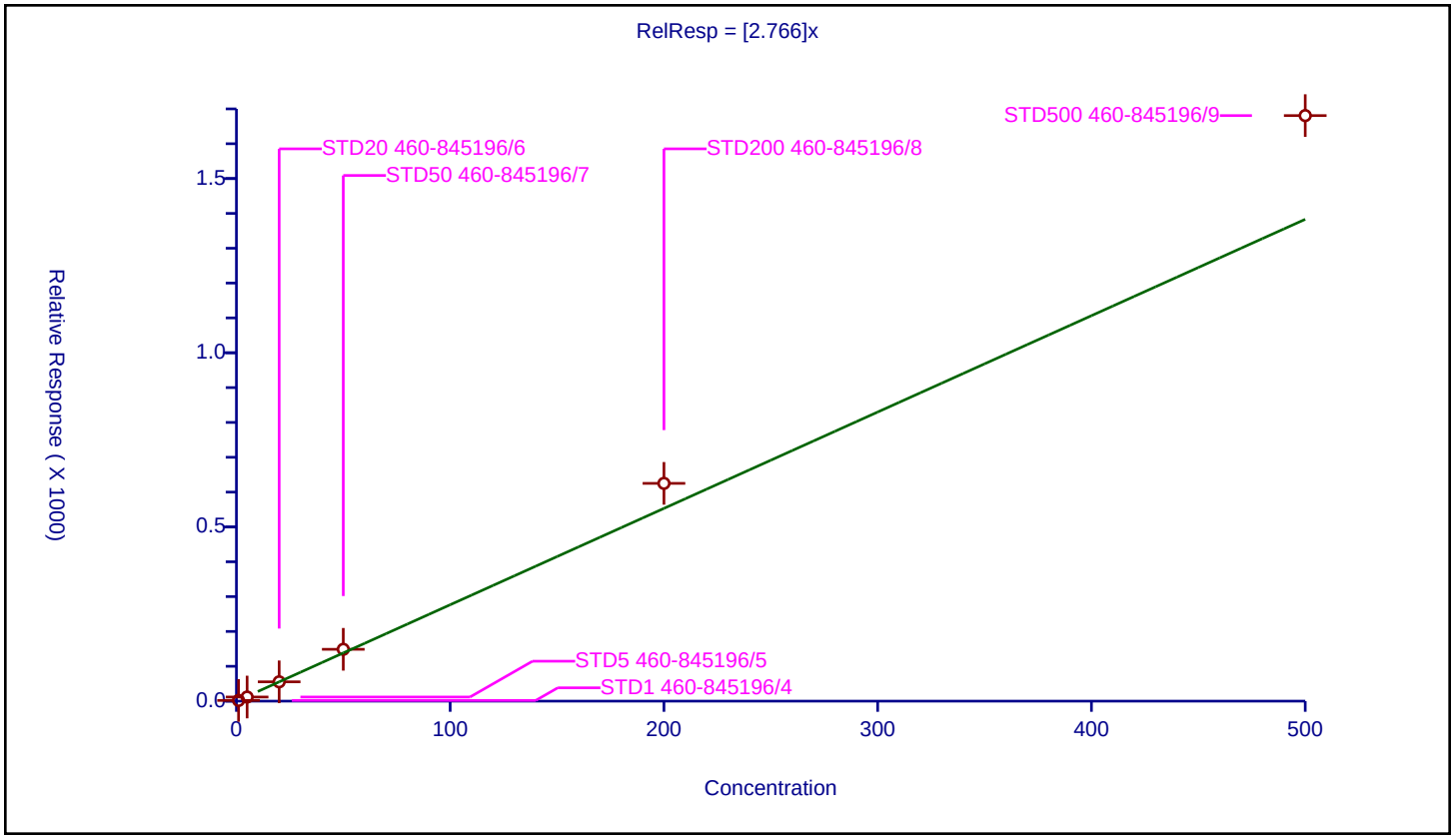
Curve Coefficients

Intercept:	0
Slope:	2.766

Error Coefficients

Standard Error:	4910000
Relative Standard Error:	18.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.99836	50.0	202416.0	1.99836	Y
2	STD5 460-845196/5	5.0	11.815091	50.0	201505.0	2.363018	Y
3	STD20 460-845196/6	20.0	55.449492	50.0	218736.0	2.772475	Y
4	STD50 460-845196/7	50.0	148.787502	50.0	236289.0	2.97575	Y
5	STD200 460-845196/8	200.0	625.111276	50.0	277238.0	3.125556	Y
6	STD500 460-845196/9	500.0	1680.710493	50.0	309391.0	3.361421	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

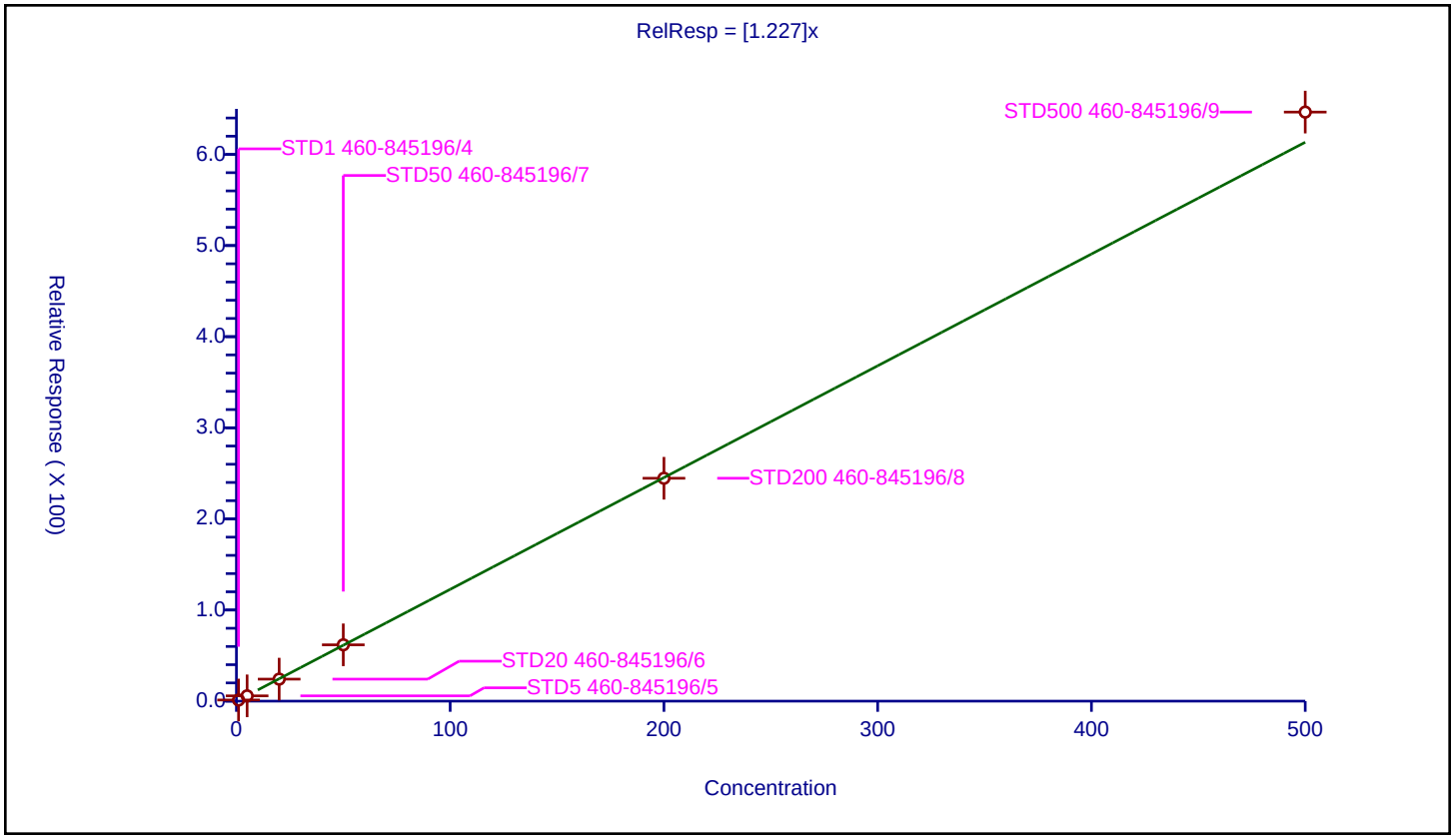
Curve Coefficients

Intercept:	0
Slope:	1.227

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	3.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.238044	50.0	202416.0	1.238044	Y
2	STD5 460-845196/5	5.0	5.809533	50.0	201505.0	1.161907	Y
3	STD20 460-845196/6	20.0	24.166347	50.0	218736.0	1.208317	Y
4	STD50 460-845196/7	50.0	61.823445	50.0	236289.0	1.236469	Y
5	STD200 460-845196/8	200.0	244.613653	50.0	277238.0	1.223068	Y
6	STD500 460-845196/9	500.0	646.482929	50.0	309391.0	1.292966	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

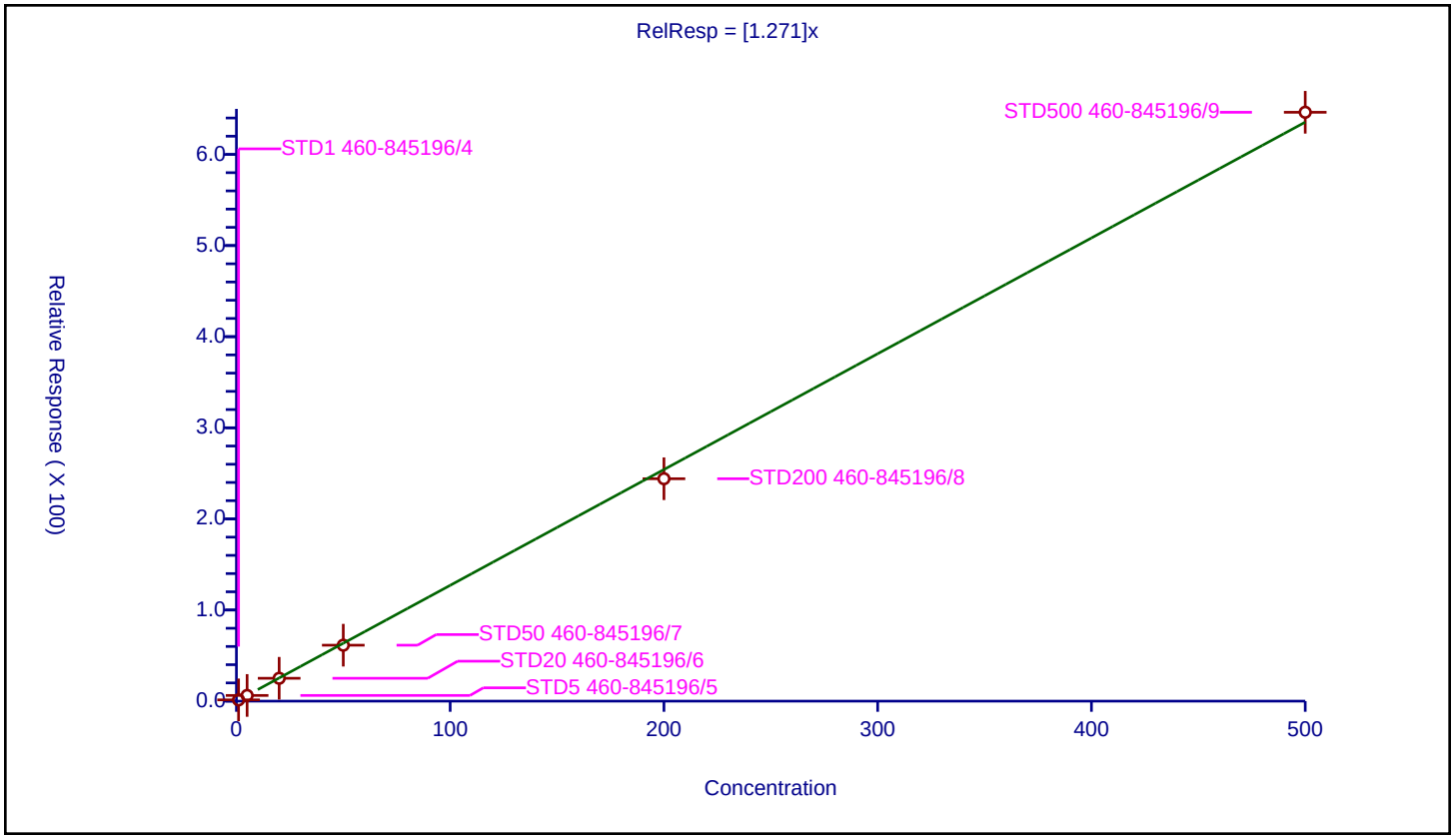
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	4.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.382549	50.0	202416.0	1.382549	Y
2	STD5 460-845196/5	5.0	6.237066	50.0	201505.0	1.247413	Y
3	STD20 460-845196/6	20.0	25.086177	50.0	218736.0	1.254309	Y
4	STD50 460-845196/7	50.0	61.3996	50.0	236289.0	1.227992	Y
5	STD200 460-845196/8	200.0	244.094785	50.0	277238.0	1.220474	Y
6	STD500 460-845196/9	500.0	646.278495	50.0	309391.0	1.292557	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

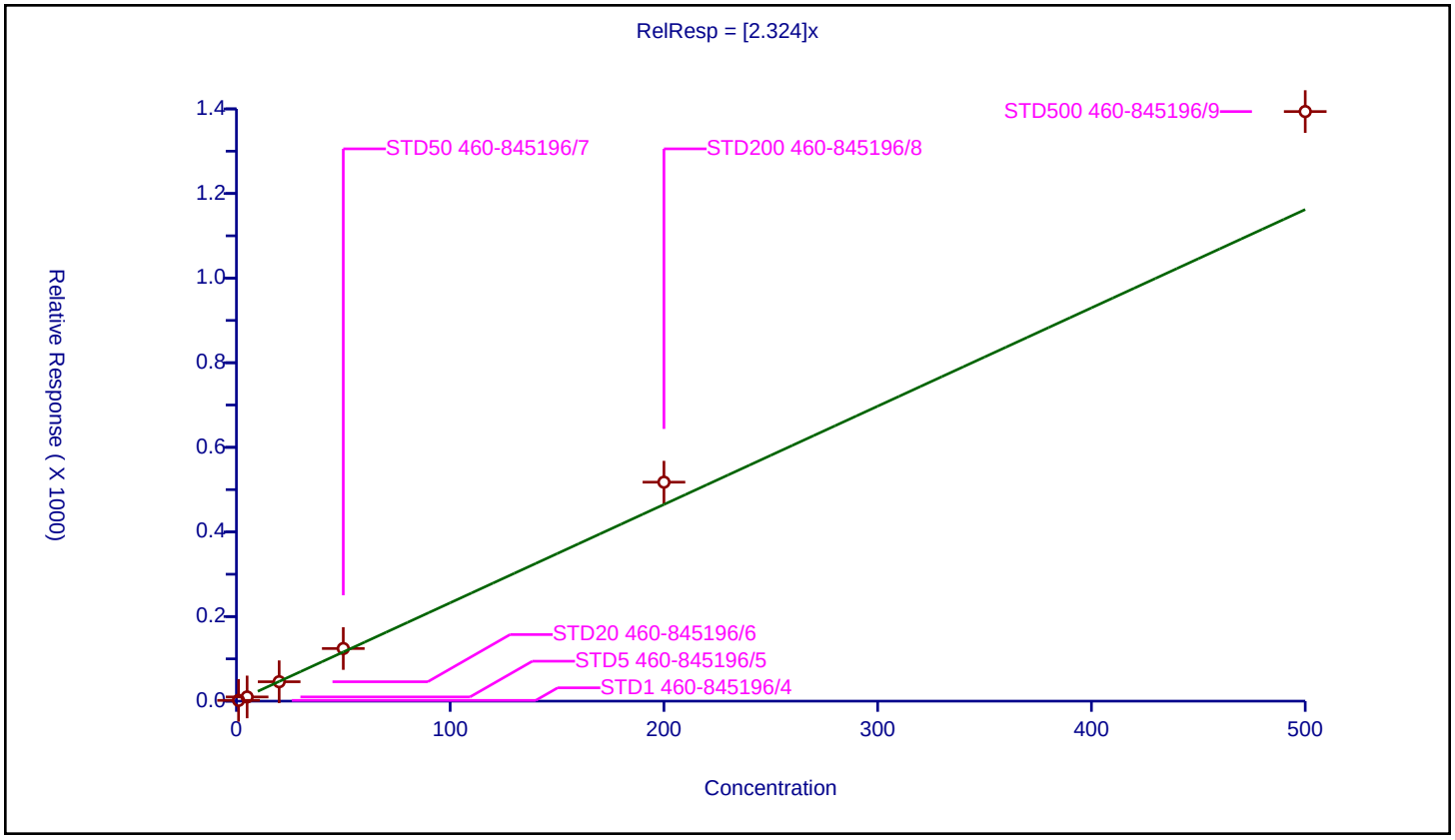
Curve Coefficients

Intercept:	0
Slope:	2.324

Error Coefficients

Standard Error:	4070000
Relative Standard Error:	16.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.803711	50.0	202416.0	1.803711	Y
2	STD5 460-845196/5	5.0	9.924816	50.0	201505.0	1.984963	Y
3	STD20 460-845196/6	20.0	45.878822	50.0	218736.0	2.293941	Y
4	STD50 460-845196/7	50.0	124.35471	50.0	236289.0	2.487094	Y
5	STD200 460-845196/8	200.0	517.636291	50.0	277238.0	2.588181	Y
6	STD500 460-845196/9	500.0	1393.71184	50.0	309391.0	2.787424	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

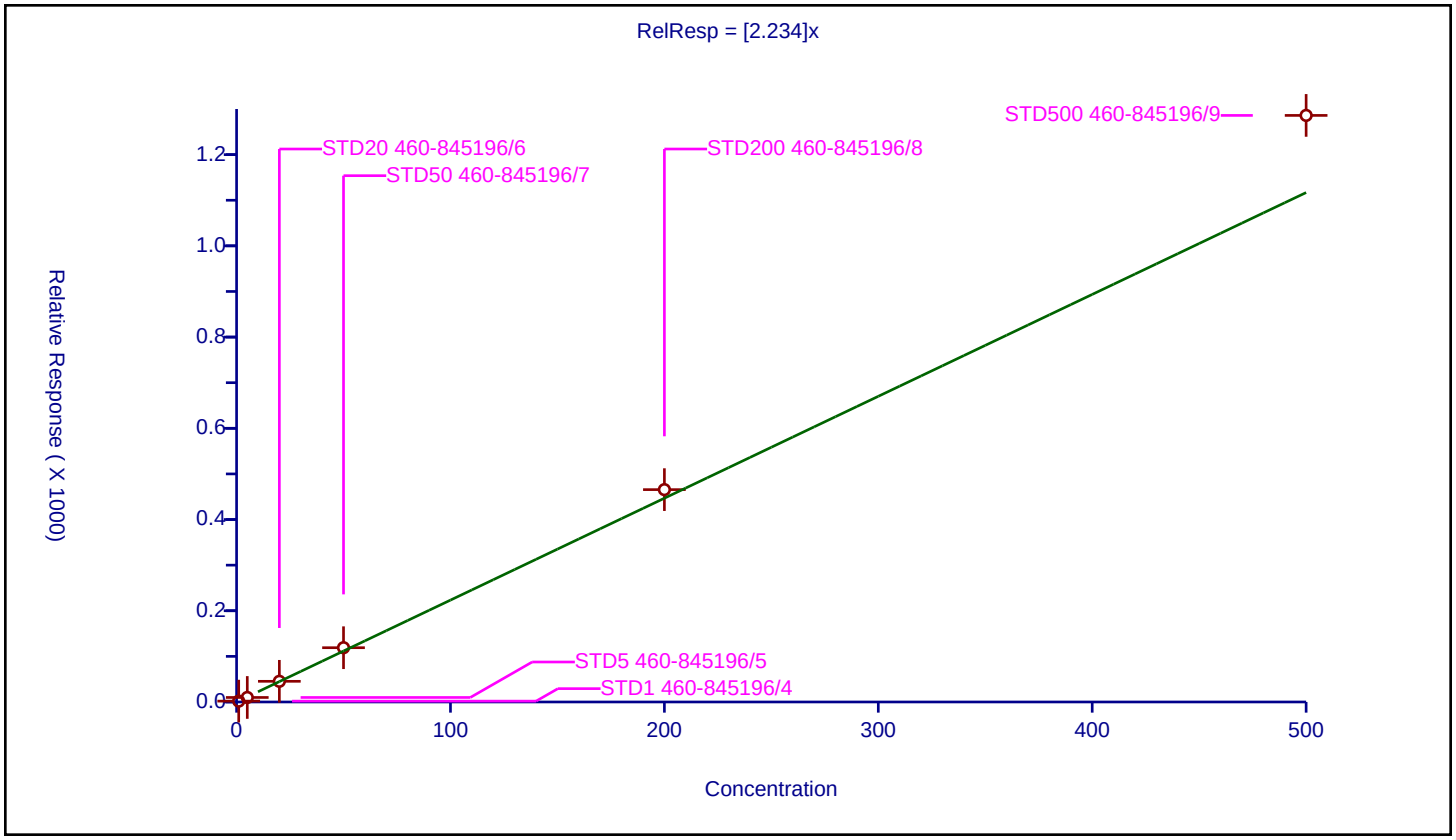
Curve Coefficients

Intercept:	0
Slope:	2.234

Error Coefficients

Standard Error:	3750000
Relative Standard Error:	11.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.87337	50.0	202416.0	1.87337	Y
2	STD5 460-845196/5	5.0	9.903476	50.0	201505.0	1.980695	Y
3	STD20 460-845196/6	20.0	45.364503	50.0	218736.0	2.268225	Y
4	STD50 460-845196/7	50.0	119.023526	50.0	236289.0	2.380471	Y
5	STD200 460-845196/8	200.0	465.538094	50.0	277238.0	2.32769	Y
6	STD500 460-845196/9	500.0	1285.973574	50.0	309391.0	2.571947	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

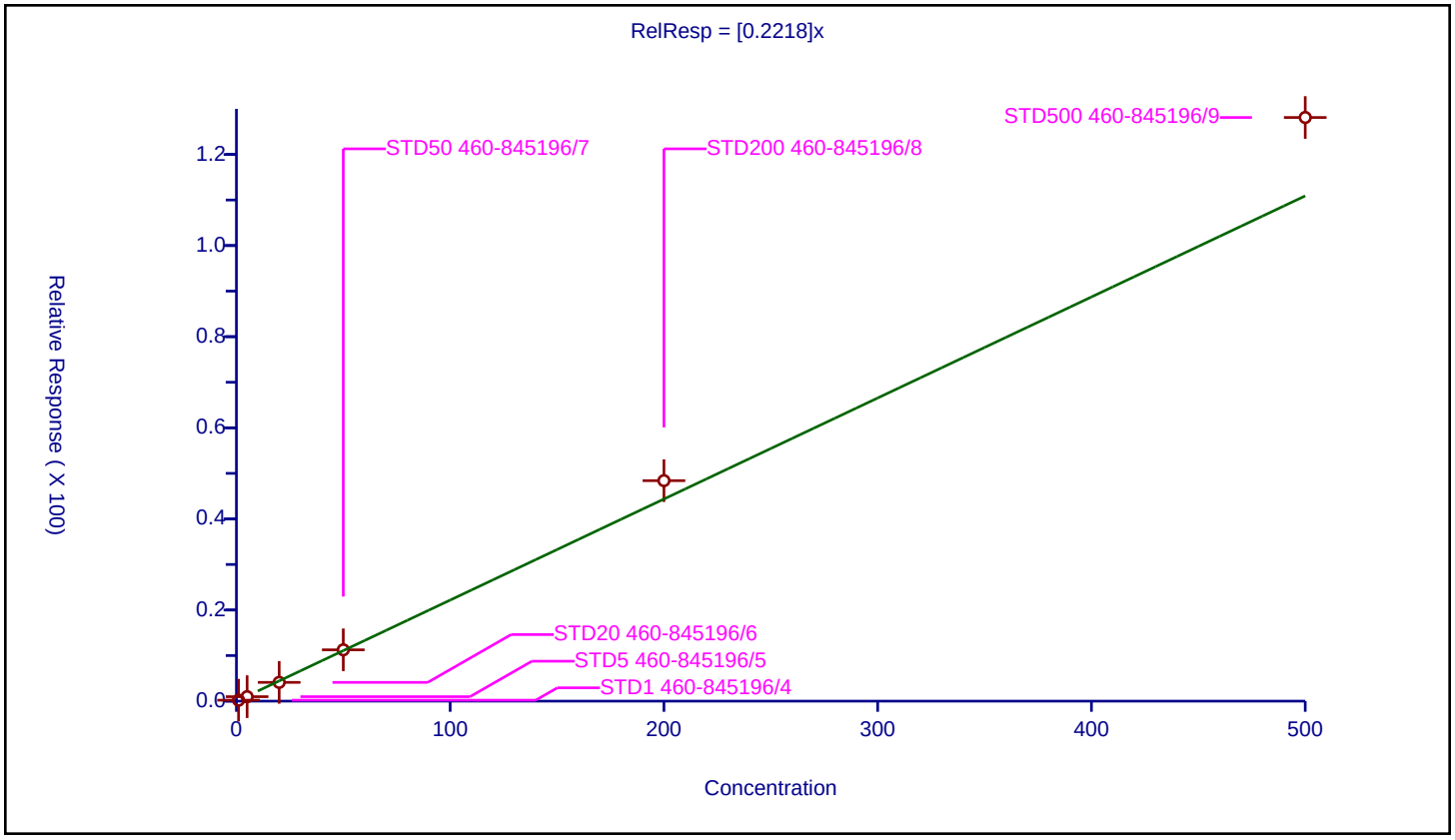
Curve Coefficients

Intercept:	0
Slope:	0.2218

Error Coefficients

Standard Error:	375000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.206011	50.0	202416.0	0.206011	Y
2	STD5 460-845196/5	5.0	0.976403	50.0	201505.0	0.195281	Y
3	STD20 460-845196/6	20.0	4.120035	50.0	218736.0	0.206002	Y
4	STD50 460-845196/7	50.0	11.265019	50.0	236289.0	0.2253	Y
5	STD200 460-845196/8	200.0	48.398308	50.0	277238.0	0.241992	Y
6	STD500 460-845196/9	500.0	128.112809	50.0	309391.0	0.256226	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

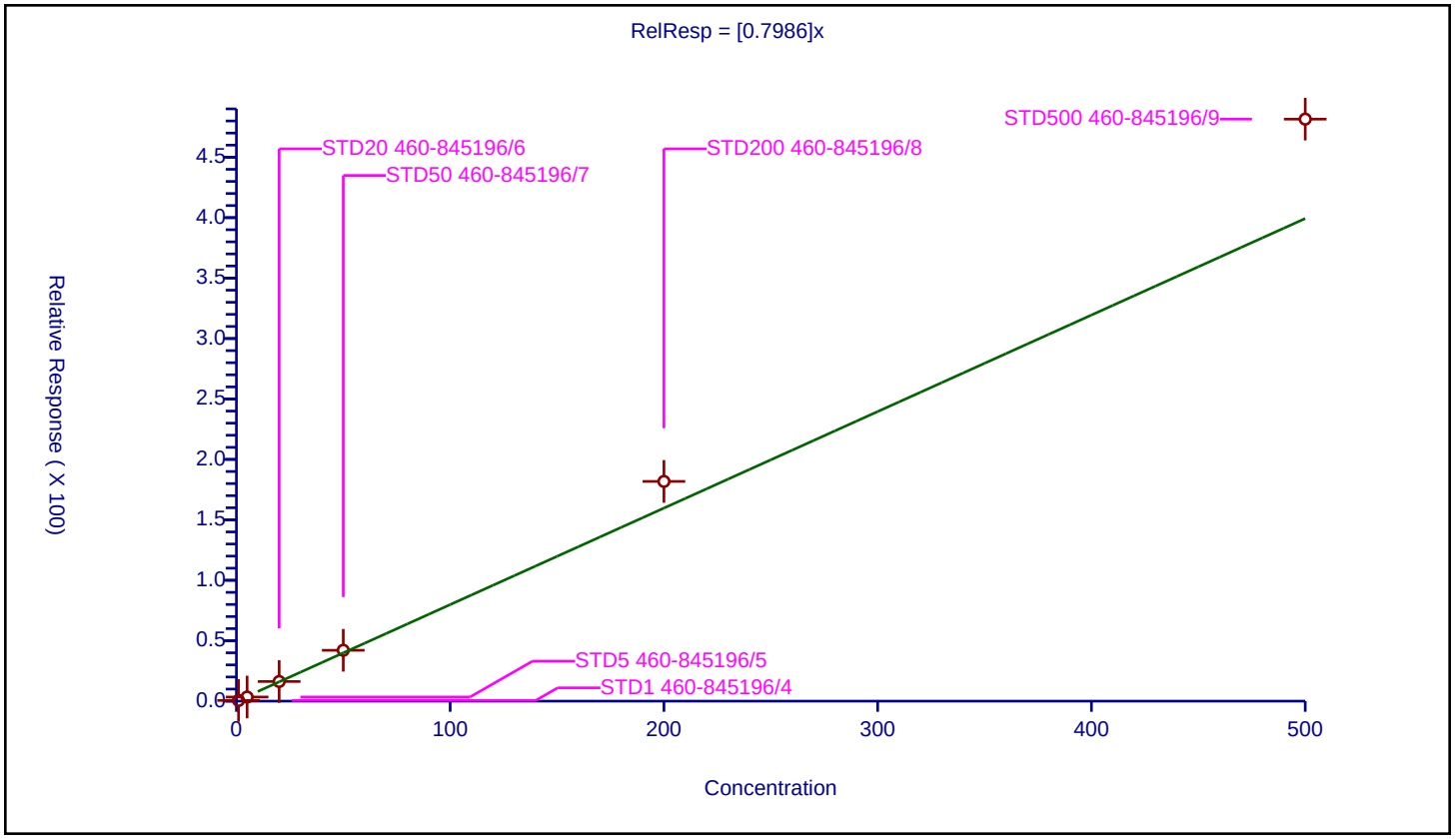
Curve Coefficients

Intercept:	0
Slope:	0.7986

Error Coefficients

Standard Error:	3460000
Relative Standard Error:	17.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.586574	50.0	563953.0	0.586574	Y
2	STD5 460-845196/5	5.0	3.39609	50.0	537368.0	0.679218	Y
3	STD20 460-845196/6	20.0	16.240563	50.0	568641.0	0.812028	Y
4	STD50 460-845196/7	50.0	42.087901	50.0	628727.0	0.841758	Y
5	STD200 460-845196/8	200.0	181.785258	50.0	663092.0	0.908926	Y
6	STD500 460-845196/9	500.0	481.523964	50.0	760523.0	0.963048	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

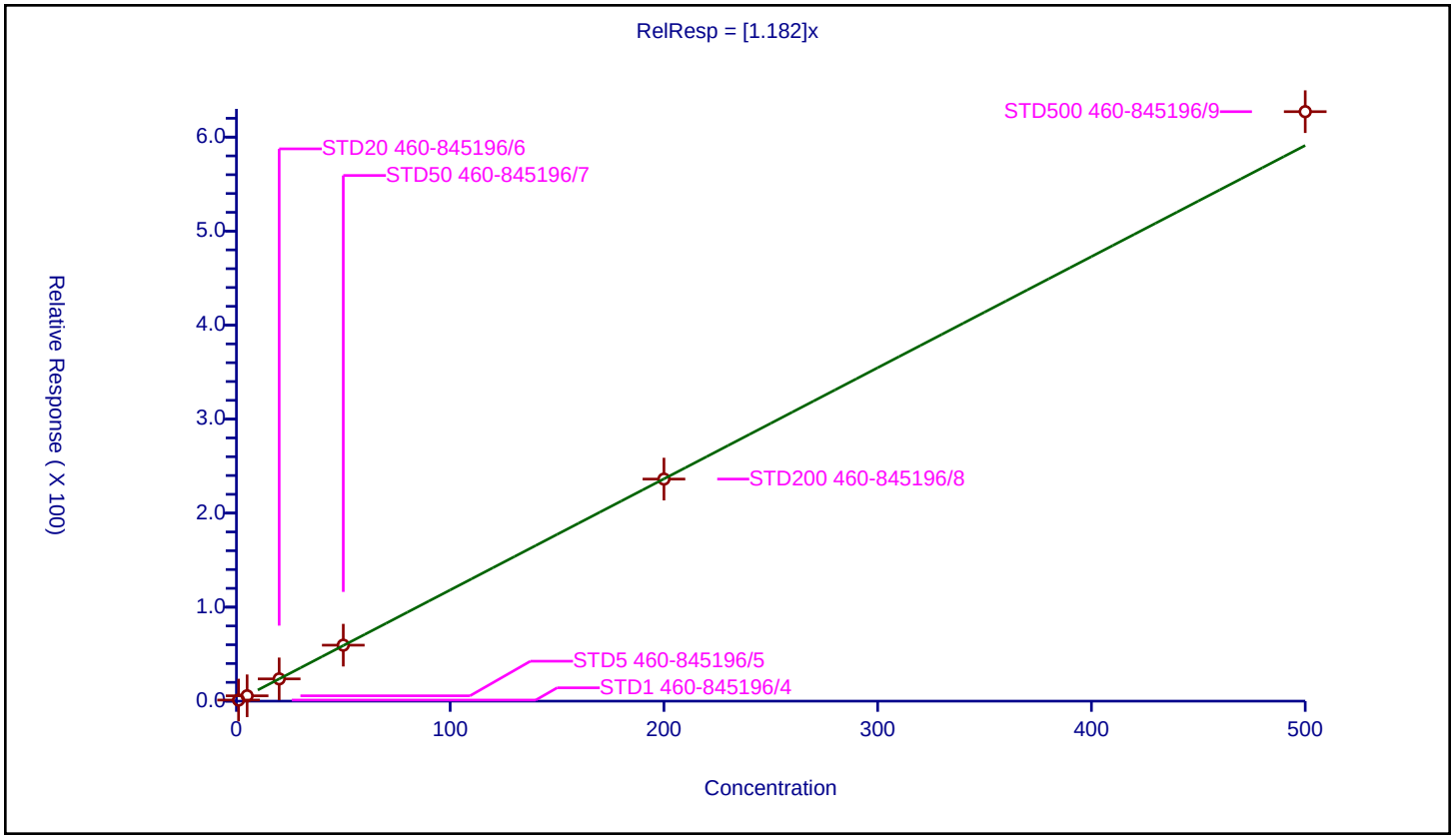
Curve Coefficients

Intercept:	0
Slope:	1.182

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	3.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.149366	50.0	202416.0	1.149366	Y
2	STD5 460-845196/5	5.0	5.668346	50.0	201505.0	1.133669	Y
3	STD20 460-845196/6	20.0	23.68243	50.0	218736.0	1.184121	Y
4	STD50 460-845196/7	50.0	59.547842	50.0	236289.0	1.190957	Y
5	STD200 460-845196/8	200.0	236.203551	50.0	277238.0	1.181018	Y
6	STD500 460-845196/9	500.0	627.040864	50.0	309391.0	1.254082	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

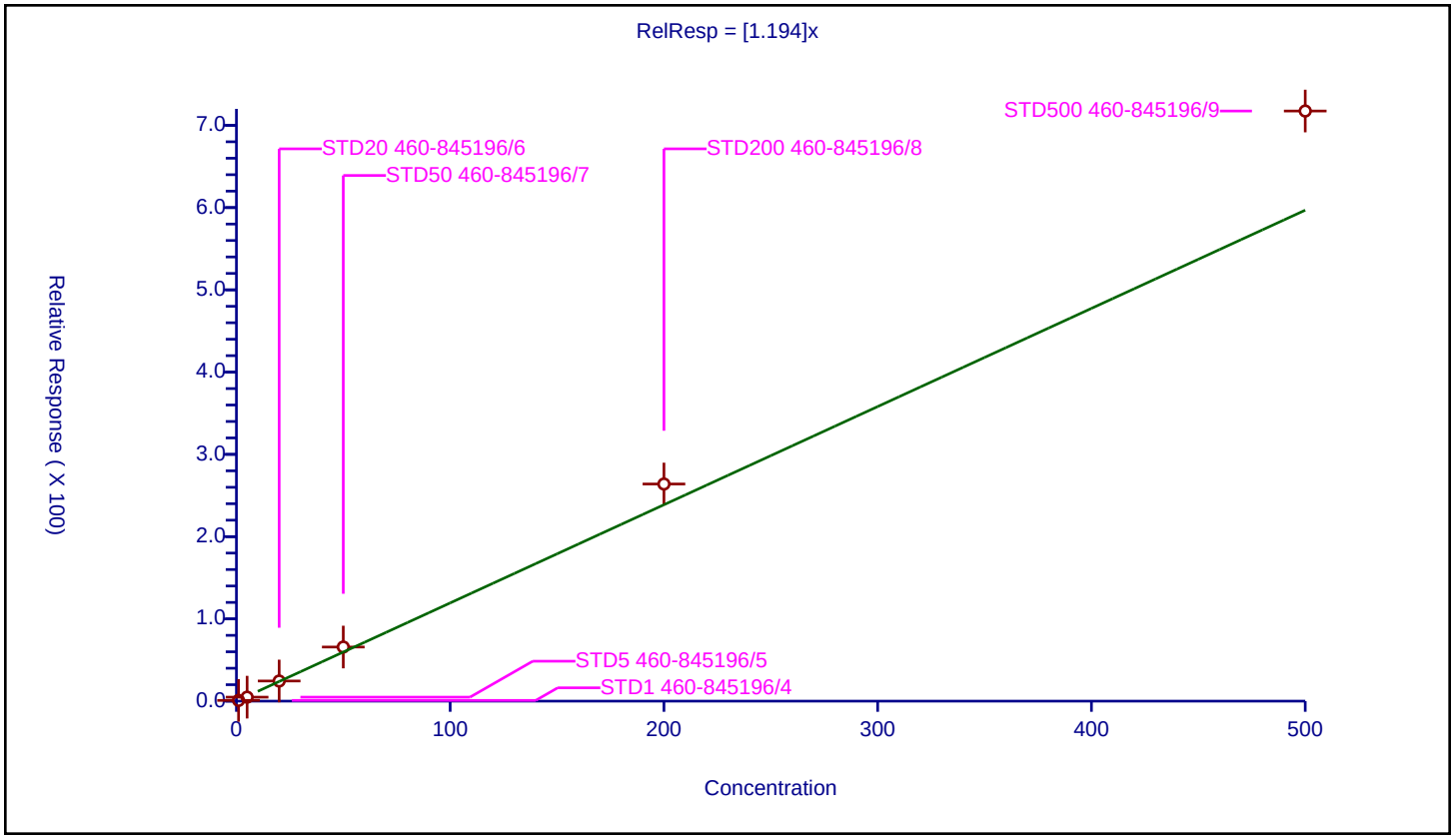
Curve Coefficients

Intercept:	0
Slope:	1.194

Error Coefficients

Standard Error:	2100000
Relative Standard Error:	17.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.902844	50.0	202416.0	0.902844	Y
2	STD5 460-845196/5	5.0	4.825439	50.0	201505.0	0.965088	Y
3	STD20 460-845196/6	20.0	24.478595	50.0	218736.0	1.22393	Y
4	STD50 460-845196/7	50.0	65.785331	50.0	236289.0	1.315707	Y
5	STD200 460-845196/8	200.0	263.962552	50.0	277238.0	1.319813	Y
6	STD500 460-845196/9	500.0	717.413241	50.0	309391.0	1.434826	Y



Calibration / n-Butylbenzene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

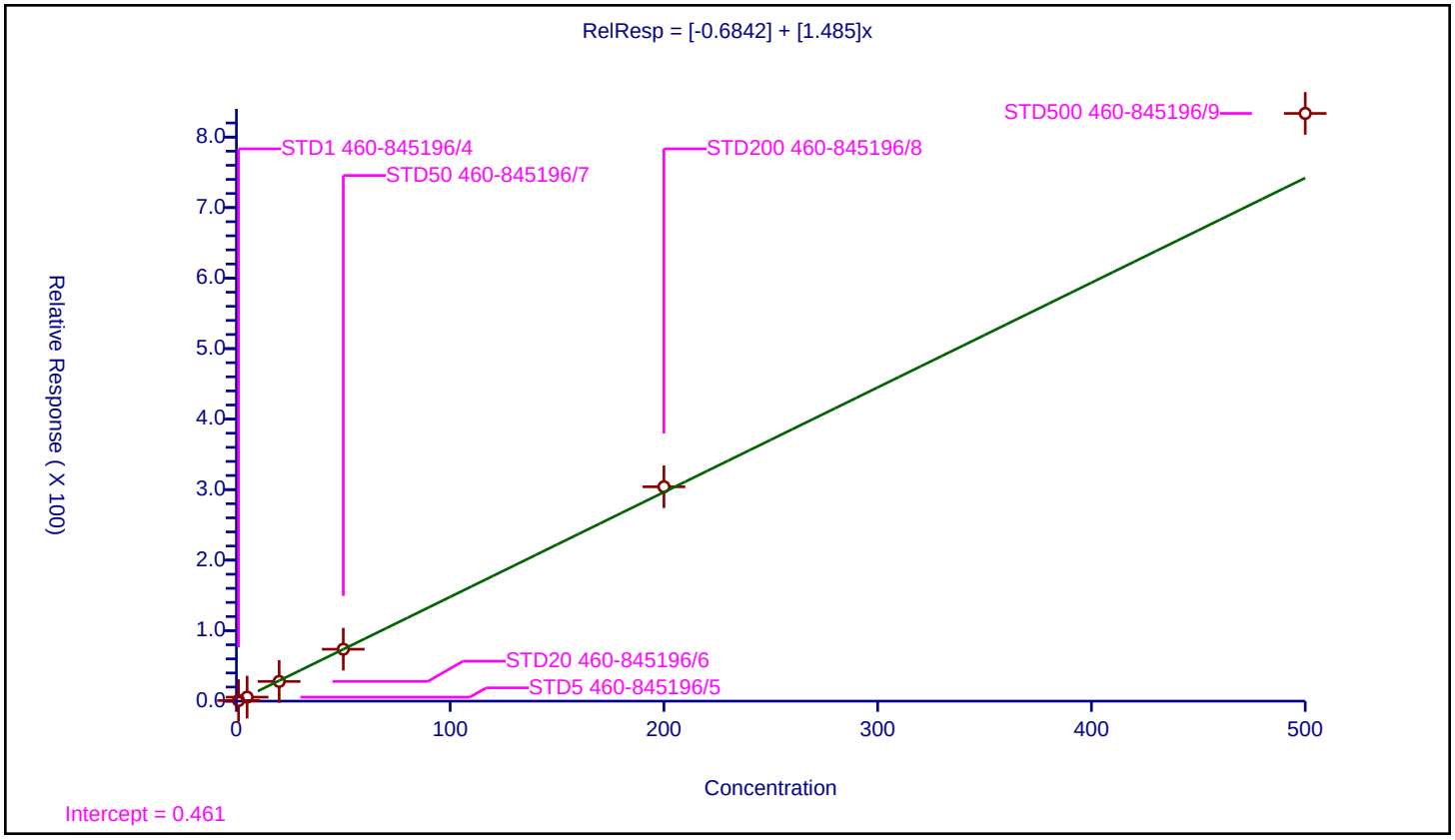
Curve Coefficients

Intercept:	-0.6842
Slope:	1.485

Error Coefficients

Standard Error:	2720000
Relative Standard Error:	9.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.845783	50.0	202416.0	0.845783	Y
2	STD5 460-845196/5	5.0	5.684474	50.0	201505.0	1.136895	Y
3	STD20 460-845196/6	20.0	27.93093	50.0	218736.0	1.396547	Y
4	STD50 460-845196/7	50.0	73.626999	50.0	236289.0	1.47254	Y
5	STD200 460-845196/8	200.0	304.03967	50.0	277238.0	1.520198	Y
6	STD500 460-845196/9	500.0	833.595838	50.0	309391.0	1.667192	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

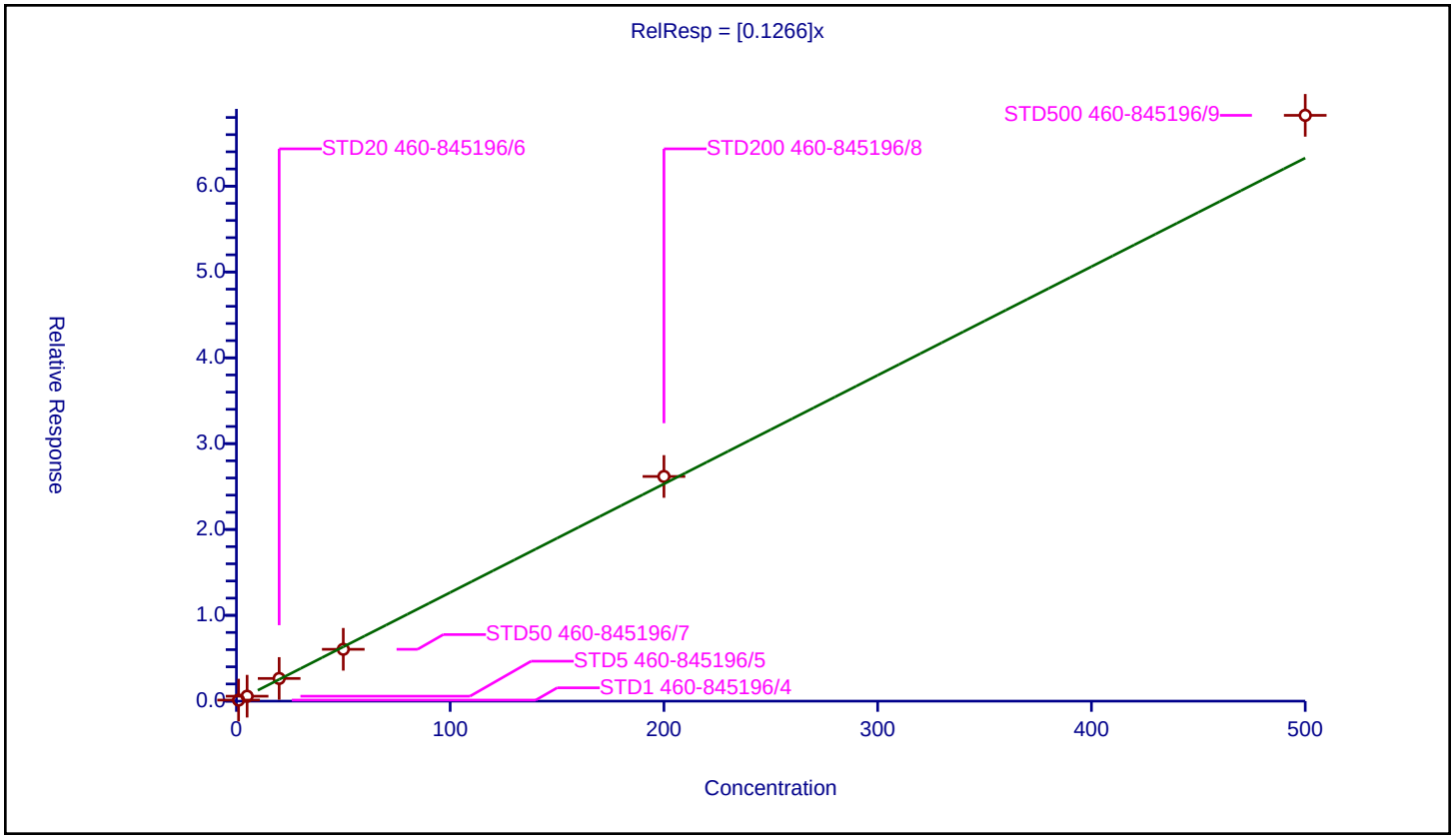
Curve Coefficients

Intercept:	0
Slope:	0.1266

Error Coefficients

Standard Error:	200000
Relative Standard Error:	6.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.124002	50.0	202416.0	0.124002	Y
2	STD5 460-845196/5	5.0	0.574676	50.0	201505.0	0.114935	Y
3	STD20 460-845196/6	20.0	2.643369	50.0	218736.0	0.132168	Y
4	STD50 460-845196/7	50.0	6.041331	50.0	236289.0	0.120827	Y
5	STD200 460-845196/8	200.0	26.176426	50.0	277238.0	0.130882	Y
6	STD500 460-845196/9	500.0	68.248915	50.0	309391.0	0.136498	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

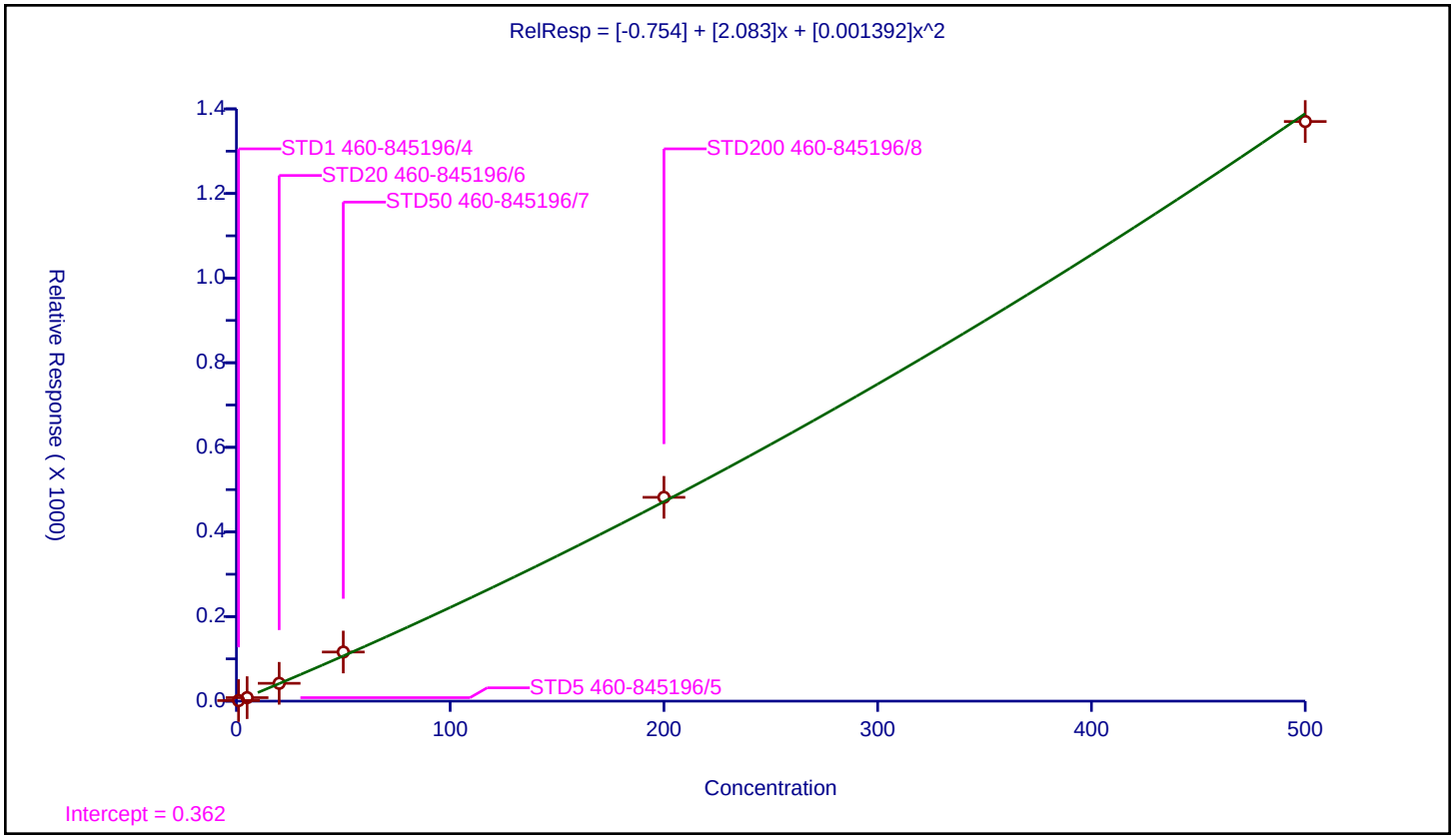
Curve Coefficients

Intercept:	-0.754
Slope:	2.083
Second Order:	0.001392

Error Coefficients

Standard Error:	5140000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.381808	50.0	202416.0	1.381808	Y
2	STD5 460-845196/5	5.0	8.276221	50.0	201505.0	1.655244	Y
3	STD20 460-845196/6	20.0	42.169327	50.0	218736.0	2.108466	Y
4	STD50 460-845196/7	50.0	116.096814	50.0	236289.0	2.321936	Y
5	STD200 460-845196/8	200.0	481.783522	50.0	277238.0	2.408918	Y
6	STD500 460-845196/9	500.0	1370.144574	50.0	309391.0	2.740289	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

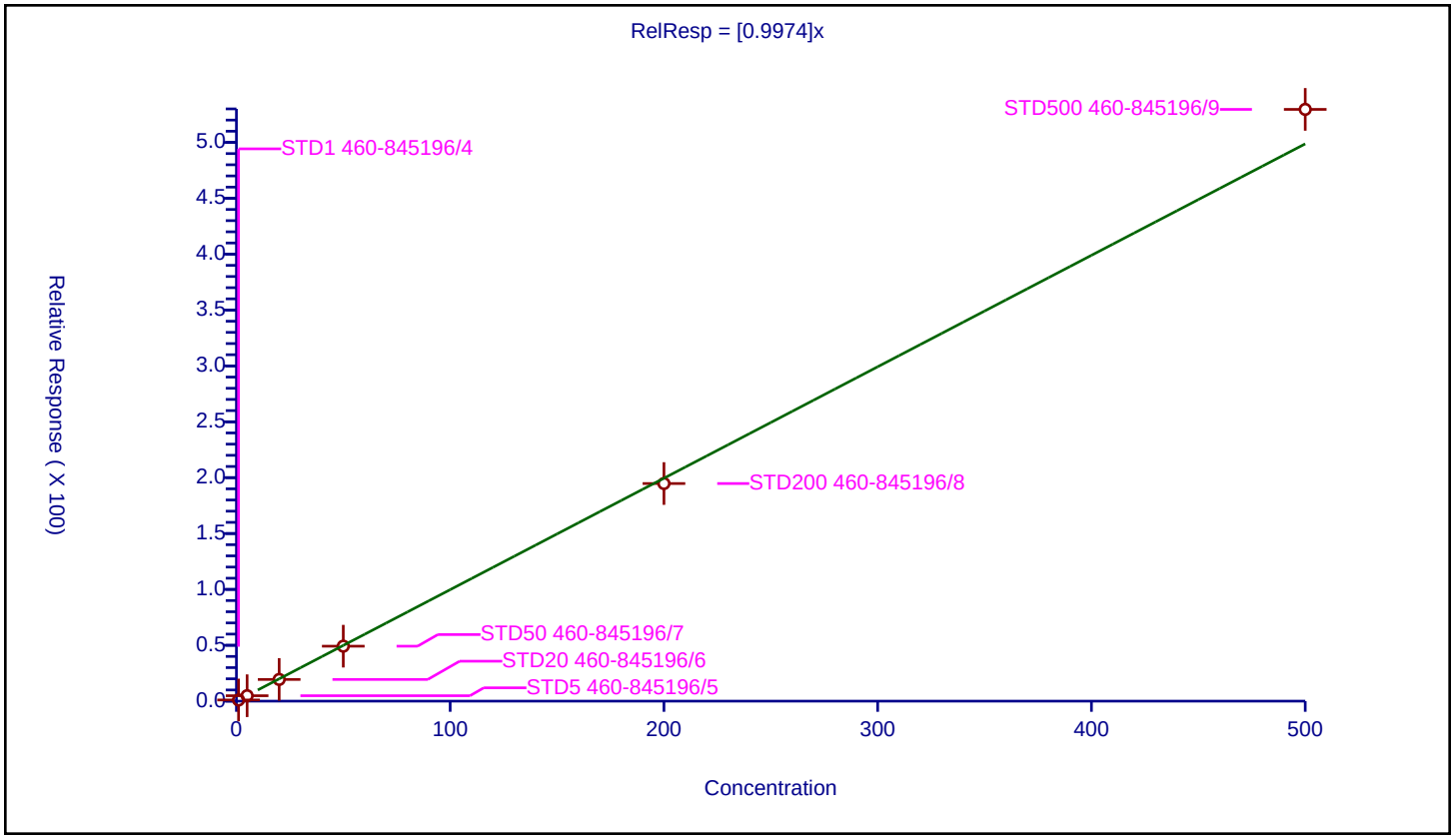
Curve Coefficients

Intercept:	0
Slope:	0.9974

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	3.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	1.025611	50.0	202416.0	1.025611	Y
2	STD5 460-845196/5	5.0	4.859929	50.0	201505.0	0.971986	Y
3	STD20 460-845196/6	20.0	19.407871	50.0	218736.0	0.970394	Y
4	STD50 460-845196/7	50.0	49.187859	50.0	236289.0	0.983757	Y
5	STD200 460-845196/8	200.0	194.742423	50.0	277238.0	0.973712	Y
6	STD500 460-845196/9	500.0	529.547078	50.0	309391.0	1.059094	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

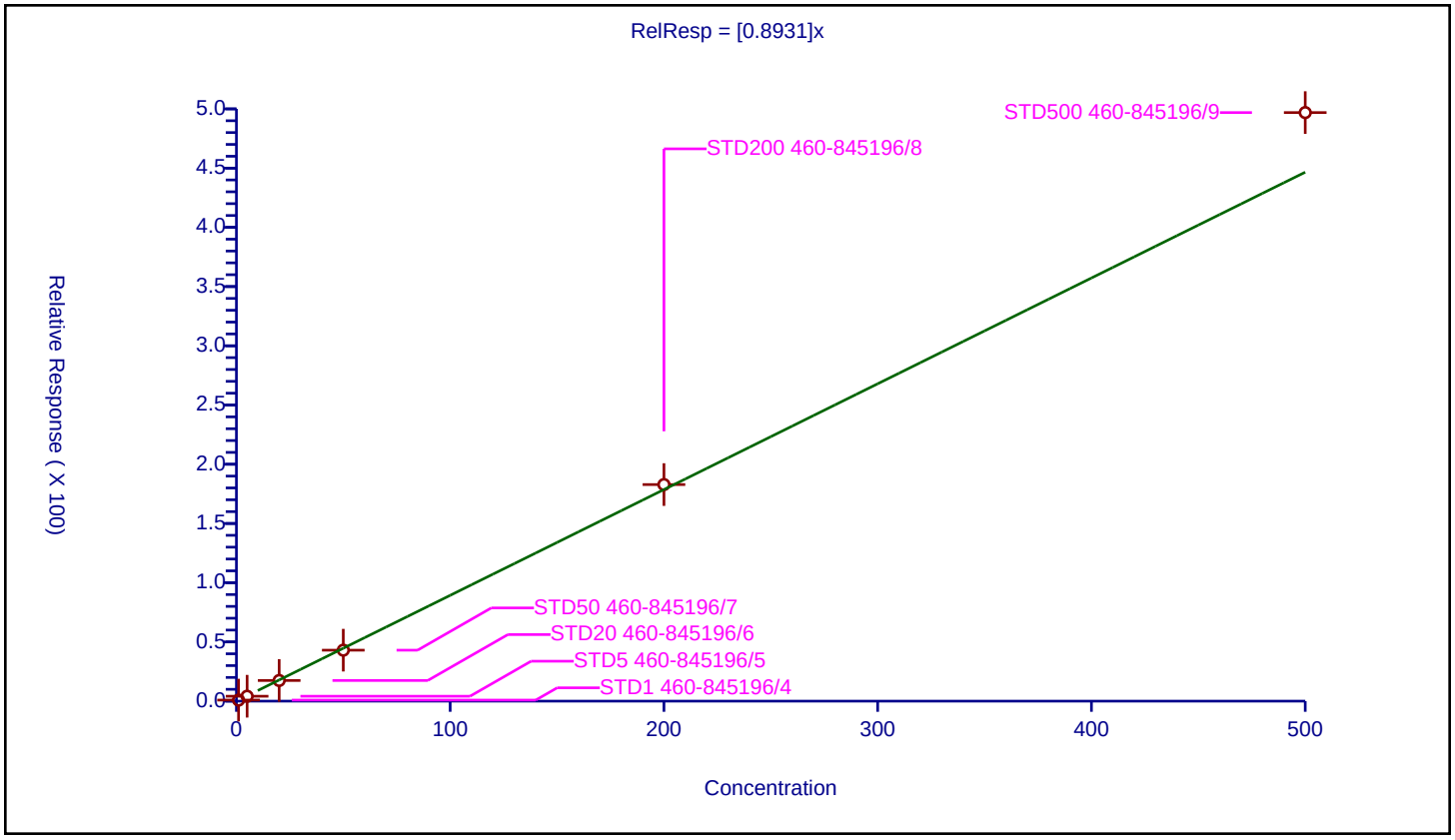
Curve Coefficients

Intercept:	0
Slope:	0.8931

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	6.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.888023	50.0	202416.0	0.888023	Y
2	STD5 460-845196/5	5.0	4.154239	50.0	201505.0	0.830848	Y
3	STD20 460-845196/6	20.0	17.430144	50.0	218736.0	0.871507	Y
4	STD50 460-845196/7	50.0	43.016179	50.0	236289.0	0.860324	Y
5	STD200 460-845196/8	200.0	182.83749	50.0	277238.0	0.914187	Y
6	STD500 460-845196/9	500.0	496.864809	50.0	309391.0	0.99373	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

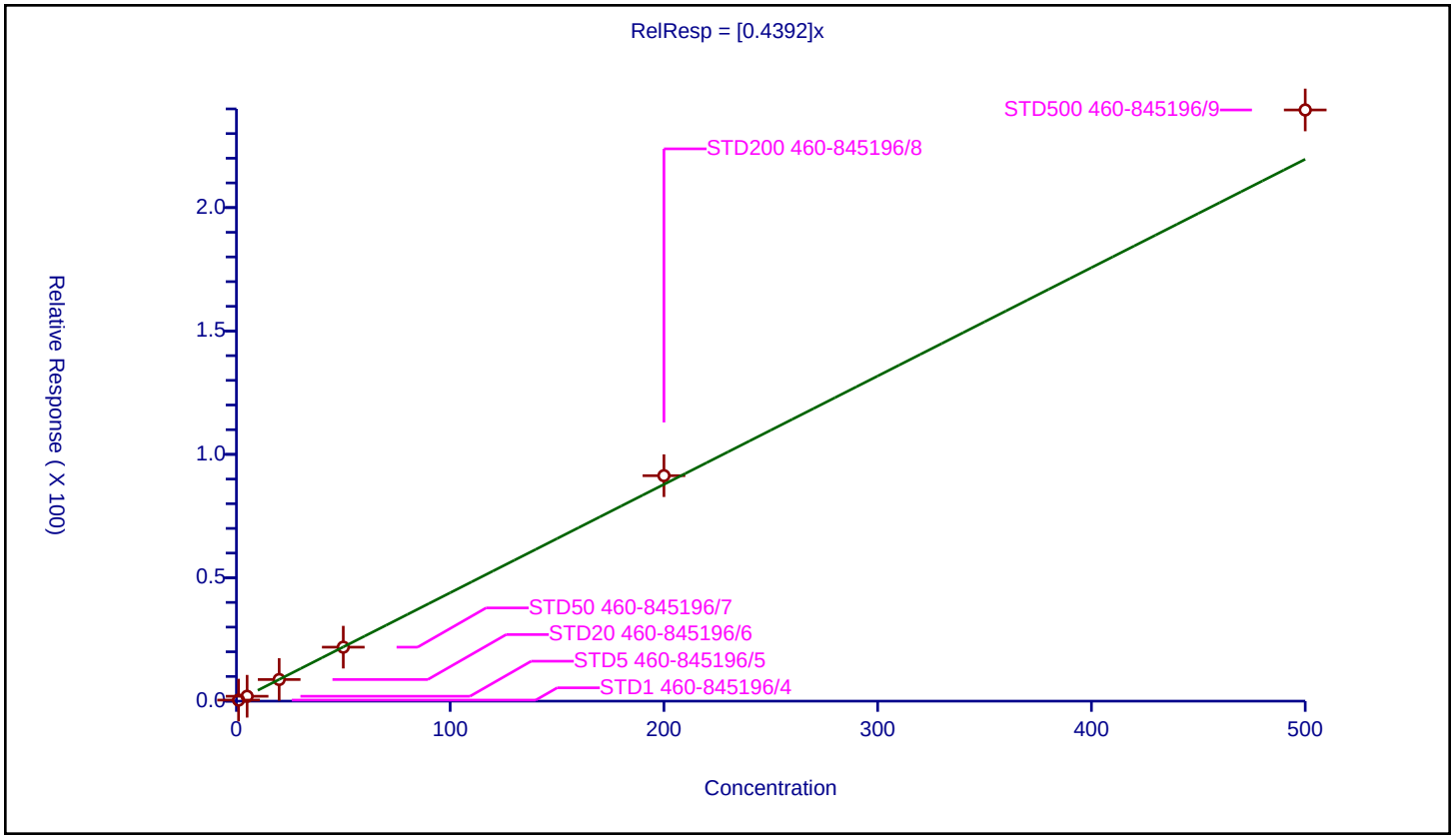
Curve Coefficients

Intercept:	0
Slope:	0.4392

Error Coefficients

Standard Error:	702000
Relative Standard Error:	6.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.427832	50.0	202416.0	0.427832	Y
2	STD5 460-845196/5	5.0	1.9801	50.0	201505.0	0.39602	Y
3	STD20 460-845196/6	20.0	8.759418	50.0	218736.0	0.437971	Y
4	STD50 460-845196/7	50.0	21.869194	50.0	236289.0	0.437384	Y
5	STD200 460-845196/8	200.0	91.36987	50.0	277238.0	0.456849	Y
6	STD500 460-845196/9	500.0	239.563853	50.0	309391.0	0.479128	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

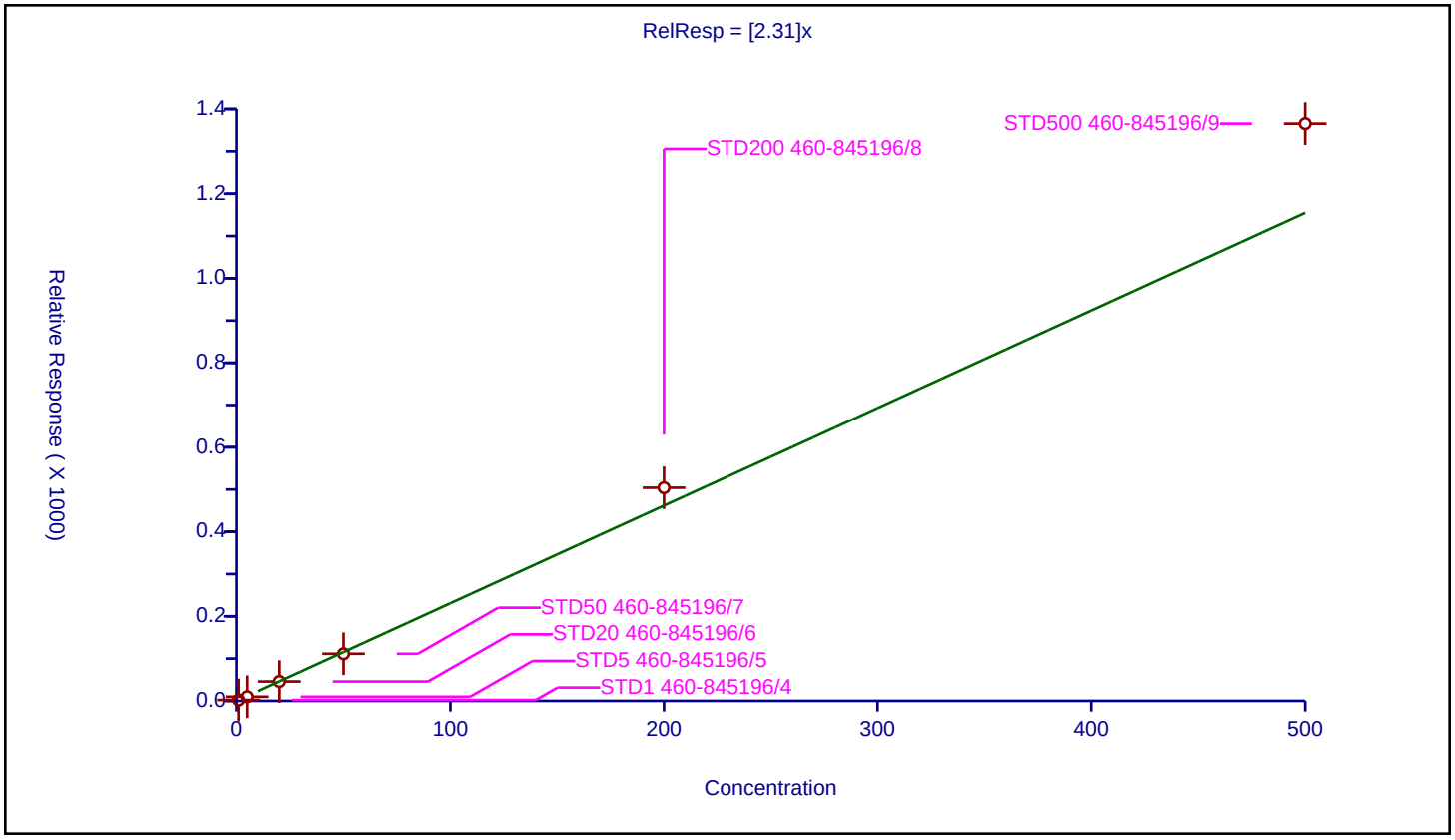
Curve Coefficients

Intercept:	0
Slope:	2.31

Error Coefficients

Standard Error:	3990000
Relative Standard Error:	12.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	2.130513	50.0	202416.0	2.130513	Y
2	STD5 460-845196/5	5.0	9.783628	50.0	201505.0	1.956726	Y
3	STD20 460-845196/6	20.0	45.810246	50.0	218736.0	2.290512	Y
4	STD50 460-845196/7	50.0	111.405313	50.0	236289.0	2.228106	Y
5	STD200 460-845196/8	200.0	504.210642	50.0	277238.0	2.521053	Y
6	STD500 460-845196/9	500.0	1365.450837	50.0	309391.0	2.730902	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

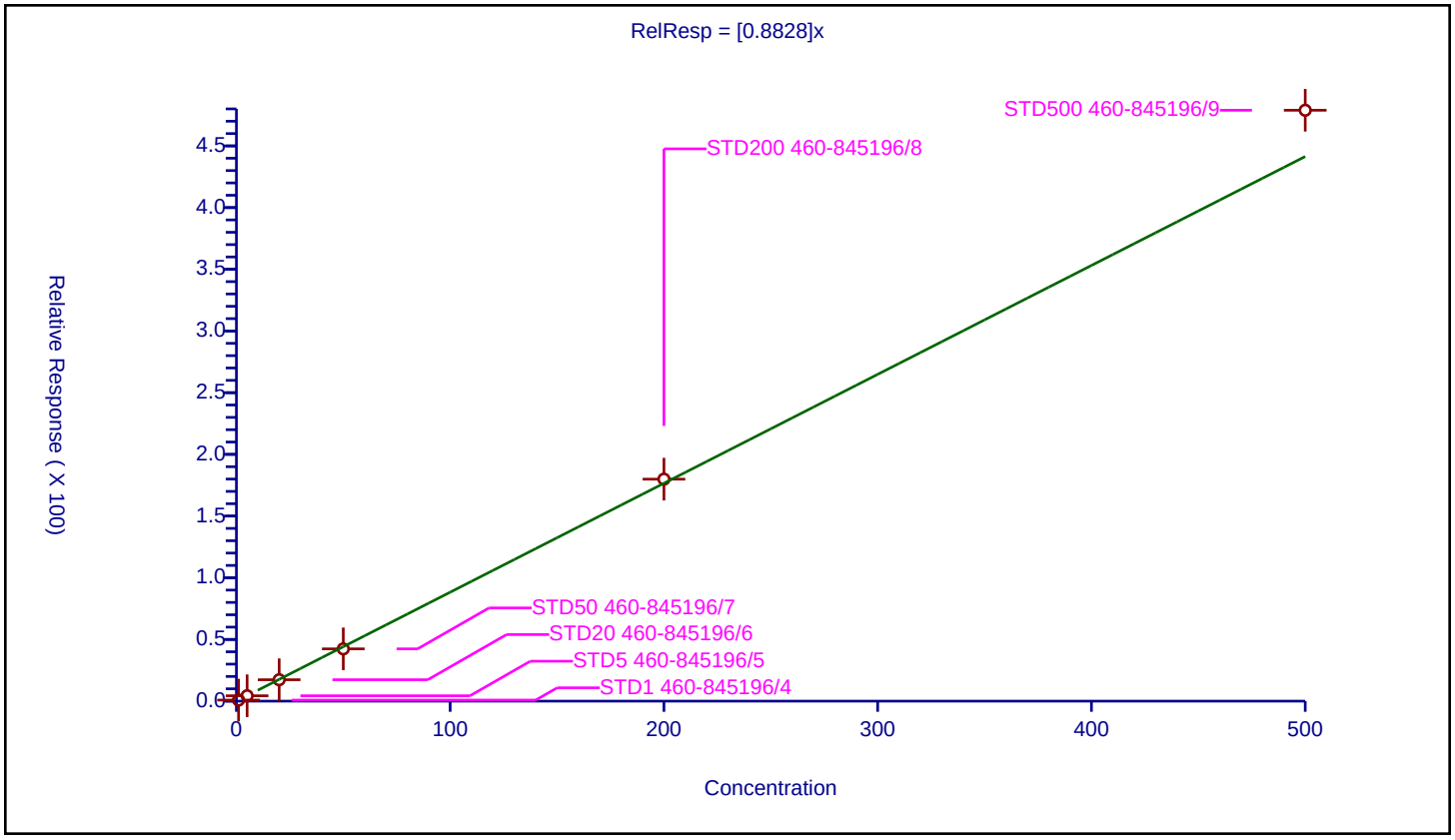
Curve Coefficients

Intercept:	0
Slope:	0.8828

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	4.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-845196/4	1.0	0.857393	50.0	202416.0	0.857393	Y
2	STD5 460-845196/5	5.0	4.341083	50.0	201505.0	0.868217	Y
3	STD20 460-845196/6	20.0	17.336195	50.0	218736.0	0.86681	Y
4	STD50 460-845196/7	50.0	42.358933	50.0	236289.0	0.847179	Y
5	STD200 460-845196/8	200.0	179.902106	50.0	277238.0	0.899511	Y
6	STD500 460-845196/9	500.0	478.892566	50.0	309391.0	0.957785	Y



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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-846571/3	K34450.D
Level 2	STD5 460-846571/4	K34451.D
Level 3	STD20 460-846571/5	K34452.D
Level 4	STD50 460-846571/6	K34453.D
Level 5	STD200 460-846571/7	K34454.D
Level 6	STD500 460-846571/8	K34455.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 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.0942 0.1782	0.1555	0.1521	0.1537	0.1918	QuaF		0.1935	-0.000030						0.9990		0.9900
Dichlorodifluoromethane	0.4452 0.5889	0.6278	0.5834	0.5865	0.6686	Ave		0.5834			0.1000	12.9		20.0			
Chlorodifluoromethane	0.0669 0.0770	0.1207	0.0823	0.0823	0.0811	QuaF		0.0837	-0.000013						1.0000		0.9900
Chloromethane	0.4805 0.4997	0.4335	0.4313	0.4117	0.5474	Ave		0.4673			0.1000	11.0		20.0			
Butadiene	0.3713 0.2992	0.4089	0.3767	0.3689	0.3493	Ave		0.3624				10.1		20.0			
Vinyl chloride	0.4524 0.3674	0.4489	0.4296	0.4380	0.4200	Ave		0.4261			0.1000	7.3		20.0			
Bromomethane	0.3924 0.2734	0.3988	0.3872	0.3374	0.3396	Ave		0.3548			0.1000	13.6		20.0			
Chloroethane	0.2408 0.1636	0.2563	0.2271	0.1977	0.1983	Ave		0.2139			0.1000	15.8		20.0			
Dichlorofluoromethane	0.6584 0.4746	0.6867	0.6382	0.5943	0.5778	Ave		0.6050				12.5		20.0			
Pentane	2.1310 1.1691	1.3727	1.3272	1.1566	1.2047	Lin2	1.8773	1.1938							0.9980		0.9900
Trichlorofluoromethane	0.6337 0.4942	0.7325	0.6694	0.6140	0.6149	Ave		0.6265			0.1000	12.6		20.0			
Ethyl ether	0.2857 0.1752	0.2406	0.2054	0.2106	0.1978	Ave		0.2192				17.7		20.0			
Ethanol	+++++ 0.0616	0.0734	0.0685	0.0590	0.0551	Ave		0.0635				11.6		20.0			
2-Methyl-1,3-butadiene	0.3122 0.2141	0.2696	0.2385	0.2642	0.2347	Ave		0.2556				13.5		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

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 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.2318 0.3036	0.3698	0.3361	0.3545	0.3260	Ave		0.3203				15.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4256 0.4665	0.5309	0.4925	0.5043	0.4906	Ave		0.4851				7.4		20.0			
Acrolein	0.5758 +++++	0.5847	0.5688	0.5459	0.7244	Ave		0.5999				11.8		20.0			
1,1-Dichloroethene	0.3413 0.2863	0.3661	0.3019	0.3219	0.3122	Ave		0.3216			0.1000	8.9		20.0			
Acetone	2.1535 1.1513	1.2259	1.0599	1.0477	1.2981	QuaF		1.3440	-0.000076		0.0500				0.9990		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3655 0.3587	0.4413	0.3932	0.4008	0.3897	Ave		0.3915			0.1000	7.5		20.0			
Iodomethane	0.7681 0.6630	0.8106	0.7385	0.7336	0.7138	Ave		0.7379				6.7		20.0			
Isopropyl alcohol	+++++ 0.9215	0.3254	0.5923	0.6875	0.7821	Ave		0.6618				33.8	*	20.0			
Carbon disulfide	1.1845 1.0566	1.3157	1.1655	1.2049	1.1814	Ave		1.1848			0.1000	7.0		20.0			
3-Chloro-1-propene	0.5569 0.3367	0.4158	0.4041	0.3952	0.3721	Ave		0.4135				18.3		20.0			
Methyl acetate	4.6628 6.9077	5.9723	4.3055	4.9714	5.8986	Ave		5.4530			0.1000	17.9		20.0			
Acetonitrile	0.2863 0.7943	0.5047	0.5054	0.5886	0.6420	QuaF		0.5424	0.0000504						1.0000		0.9900
Cyclopentene	0.8455 0.6513	0.8865	0.7393	0.7719	0.7265	Ave		0.7702				11.0		20.0			
Methylene Chloride	0.4436 0.3477	0.4351	0.3870	0.3810	0.3762	Ave		0.3951			0.1000	9.3		20.0			
2-Methyl-2-propanol	1.6989 1.6584	1.6311	1.5669	1.2998	1.4858	Ave		1.5568				9.4		20.0			
Acrylonitrile	0.1149 0.0971	0.1160	0.1064	0.1044	0.1029	Ave		0.1070				6.8		20.0			
trans-1,2-Dichloroethene	0.3376 0.3025	0.4090	0.3480	0.3638	0.3514	Ave		0.3520			0.1000	9.9		20.0			
Methyl tert-butyl ether	0.9901 0.8682	1.0177	0.9771	0.9672	0.9501	Ave		0.9617			0.1000	5.3		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

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 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.3760 0.2059	0.3073	0.2375	0.2466	0.2410	Qua2	0.1257	0.2548	-0.000097						0.9950		0.9900
1,1-Dichloroethane	0.5395 0.4991	0.6256	0.5600	0.5627	0.5505	Ave		0.5562			0.2000	7.4		20.0			
Vinyl acetate	0.8213 1.8142	1.5861	1.2610	1.3362	1.5509	Qua2	-1.085	1.4102	0.0003875						0.9900		0.9900
Isopropyl ether	1.0982 0.8516	1.0692	0.9776	0.9737	0.9257	Ave		0.9827				9.3		20.0			
2-Chloro-1,3-butadiene	0.3258 0.2714	0.3422	0.3030	0.3173	0.3028	Ave		0.3104				7.8		20.0			
Tert-butyl ethyl ether	0.5076 0.4100	0.4826	0.4436	0.4406	0.4306	Ave		0.4525				7.9		20.0			
cis-1,2-Dichloroethene	0.4293 0.3567	0.4457	0.4028	0.3979	0.3931	Ave		0.4042			0.1000	7.6		20.0			
2,2-Dichloropropane	0.2529 0.1689	0.2048	0.1910	0.1819	0.1835	Ave		0.1972				15.1		20.0			
2-Butanone (MEK)	0.7476 0.4005	0.4659	0.4148	0.3792	0.4230	Qua2	1.7775	0.3924	0.0000058		0.0500				0.9980		0.9900
Ethyl acetate	0.2626 0.3120	0.3487	0.3275	0.3155	0.3094	Ave		0.3126				9.1		20.0			
Propionitrile	1.2914 1.4798	1.2413	1.1855	1.1065	1.2315	Ave		1.2560				10.0		20.0			
Methyl acrylate	0.3835 0.3003	0.2889	0.2843	0.2907	0.2918	Ave		0.3066				12.4		20.0			
Methacrylonitrile	0.1406 0.1091	0.1196	0.1181	0.1145	0.1134	Ave		0.1192				9.3		20.0			
Chlorobromomethane	0.2551 0.1968	0.2518	0.2213	0.2194	0.2160	Ave		0.2267				9.9		20.0			
Tetrahydrofuran	0.5578 0.4530	0.5713	0.4976	0.4595	0.4700	Ave		0.5015				10.2		20.0			
Chloroform	0.7009 0.5678	0.6590	0.6258	0.6270	0.6231	Ave		0.6339			0.2000	7.0		20.0			
1,1,1-Trichloroethane	0.6190 0.5564	0.6659	0.6062	0.6157	0.6067	Ave		0.6117			0.1000	5.7		20.0			
Cyclohexane	0.5312 0.4895	0.6216	0.5181	0.5550	0.5334	Ave		0.5415			0.1000	8.3		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

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 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.4605 0.3878	0.4726	0.4124	0.4319	0.4303	Ave		0.4326				7.2		20.0			
Carbon tetrachloride	0.5594 0.4837	0.6006	0.5219	0.5404	0.5323	Ave		0.5397			0.1000	7.2		20.0			
Benzene	1.7186 1.4332	1.7972	1.6706	1.7136	1.6491	Ave		1.6637			0.5000	7.4		20.0			
Isobutyl alcohol	0.1559 0.1583	0.1191	0.1397	0.1251	0.1402	Ave		0.1397				11.3		20.0			
1,2-Dichloroethane	0.5457 0.4069	0.4410	0.4109	0.4066	0.4180	Ave		0.4382			0.1000	12.4		20.0			
Isooctane	1.0012 1.2345	1.2861	1.1059	1.2416	1.3051	Ave		1.1957				9.9		20.0			
Isopropyl acetate	0.1432 0.1063	0.1099	0.1170	0.1097	0.1085	Ave		0.1157				12.0		20.0			
Tert-amyl methyl ether	1.1707 0.9987	1.1035	1.0435	1.0319	1.0326	Ave		1.0635				5.9		20.0			
n-Heptane	0.6057 0.3783	0.5174	0.4231	0.4408	0.4257	Ave		0.4651				17.7		20.0			
n-Butanol	0.1254 0.3765	0.3523	0.3115	0.2654	0.3104	QuaF		0.2658	0.0000089						1.0000		0.9900
Trichloroethene	0.3550 0.3291	0.3650	0.3297	0.3410	0.3504	Ave		0.3450			0.2000	4.2		20.0			
Ethyl acrylate	0.3994 0.3108	0.3108	0.3149	0.3044	0.3050	Ave		0.3242				11.4		20.0			
Methylcyclohexane	0.6874 0.5857	0.7106	0.6309	0.6550	0.6423	Ave		0.6520			0.1000	6.7		20.0			
1,2-Dichloropropane	0.3650 0.2945	0.3313	0.3165	0.3028	0.3120	Ave		0.3204			0.1000	7.9		20.0			
Dibromomethane	0.3440 0.2185	0.2320	0.2253	0.2142	0.2212	QuaF		0.2219	-0.000007						1.0000		0.9900
Methyl methacrylate	0.1988 0.1877	0.1986	0.1864	0.1790	0.1853	Ave		0.1893				4.2		20.0			
1,4-Dioxane	1.8901 1.0781	1.6788	1.5927	1.3969	1.2707	Ave		1.4845				19.8		20.0			
n-Propyl acetate	0.3717 0.3393	0.3478	0.3514	0.3244	0.3440	Ave		0.3464				4.5		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

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 3	LVL 4	LVL 5		B	M1	M2								
Dichlorobromomethane	0.4921 0.4499	0.4553	0.4508	0.4394	0.4579	Ave		0.4576			0.2000	3.9		20.0			
2-Nitropropane	0.0622 0.0731	0.1041	0.0731	0.0635	0.0673	QuaF		0.0636	0.0000095						1.0000		0.9900
2-Chloroethyl vinyl ether	0.0440 0.0526	0.0396	0.0344	0.0351	0.0414	Ave		0.0412				16.2		20.0			
Epichlorohydrin	0.3421 0.2902	0.3036	0.3013	0.2802	0.2924	Ave		0.3016				7.1		20.0			
cis-1,3-Dichloropropene	0.6670 0.6075	0.6493	0.6431	0.6275	0.6383	Ave		0.6388			0.2000	3.2		20.0			
4-Methyl-2-pentanone (MIBK)	3.5688 2.7463	3.3592	3.3846	3.0339	3.0017	Ave		3.1824			0.0500	9.6		20.0			
Toluene	1.9589 1.5977	1.8101	1.7622	1.7776	1.7710	Ave		1.7796			0.4000	6.5		20.0			
trans-1,3-Dichloropropene	0.5614 0.5347	0.5679	0.5767	0.5378	0.5608	Ave		0.5566			0.1000	3.0		20.0			
Ethyl methacrylate	0.5761 0.4479	0.5196	0.5190	0.4738	0.4780	Ave		0.5024				9.1		20.0			
1,1,2-Trichloroethane	0.2755 0.2771	0.2809	0.3066	0.2845	0.2886	Ave		0.2855			0.1000	4.0		20.0			
Tetrachloroethene	0.4648 0.4312	0.4996	0.4732	0.4877	0.4818	Ave		0.4731			0.2000	5.0		20.0			
1,3-Dichloropropane	0.5260 0.5098	0.5514	0.5493	0.5229	0.5315	Ave		0.5318				3.0		20.0			
2-Hexanone	2.2035 1.7488	1.9126	1.8697	1.6851	1.8049	Ave		1.8708			0.0500	9.7		20.0			
Chlorodibromomethane	0.4798 0.4474	0.4794	0.4903	0.4419	0.4602	Ave		0.4665			0.1000	4.2		20.0			
n-Butyl acetate	0.7146 0.4427	0.5449	0.5331	0.4643	0.4518	Ave		0.5252				19.5		20.0			
Ethylene Dibromide	0.4482 0.3642	0.3839	0.3930	0.3673	0.3764	Ave		0.3888			0.1000	8.0		20.0			
Chlorobenzene	1.1266 1.0919	1.2007	1.2215	1.1522	1.1681	Ave		1.1601			0.5000	4.1		20.0			
1,1,1,2-Tetrachloroethane	0.5543 0.5016	0.5908	0.6042	0.5547	0.5449	Ave		0.5584				6.5		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

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 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	0.7050 0.5859	0.7157	0.6892	0.6638	0.6517	Ave		0.6686			0.1000	7.0		20.0			
m-Xylene & p-Xylene	1.0337 0.7218	0.8705	0.8536	0.8086	0.7961	Ave		0.8474			0.1000	12.4		20.0			
o-Xylene	0.9465 0.7655	0.9529	0.9300	0.8655	0.8586	Ave		0.8865			0.3000	8.1		20.0			
Styrene	1.4626 1.1720	1.3887	1.4183	1.2821	1.2849	Ave		1.3348			0.3000	8.1		20.0			
n-Butyl acrylate	0.4332 0.2613	0.3410	0.3152	0.2822	0.2667	QuaF		0.2732	-0.000024						1.0000		0.9900
Bromoform	0.3248 0.3113	0.3398	0.3461	0.3054	0.3161	Ave		0.3239			0.1000	5.0		20.0			
Amyl acetate (mixed isomers)	1.3062 0.9340	0.8889	0.8836	0.8706	0.8716	Ave		0.9592				17.9		20.0			
Isopropylbenzene	2.2726 2.0119	2.4624	2.5046	2.3679	2.2968	Ave		2.3194			0.1000	7.6		20.0			
Bromobenzene	0.9875 0.9520	0.9642	1.0202	0.9404	0.9870	Ave		0.9752				3.0		20.0			
1,1,2,2-Tetrachloroethane	0.9053 0.9164	0.9477	0.9973	0.9028	0.9440	Ave		0.9356			0.3000	3.8		20.0			
1,2,3-Trichloropropane	0.2672 0.2539	0.2843	0.2833	0.2480	0.2589	Ave		0.2659				5.7		20.0			
trans-1,4-Dichloro-2-butene	0.2187 0.2006	0.2139	0.2121	0.1892	0.2015	Ave		0.2060				5.3		20.0			
N-Propylbenzene	4.2479 3.9250	4.4373	4.5255	4.3077	4.3711	Ave		4.3024				4.9		20.0			
2-Chlorotoluene	2.3717 2.4766	2.5956	2.7267	2.5854	2.6601	Ave		2.5693				5.0		20.0			
4-Ethyltoluene	3.7773 3.3931	3.7631	3.8121	3.6448	3.6107	Ave		3.6668				4.2		20.0			
4-Chlorotoluene	2.6517 2.7228	2.7840	2.9204	2.7282	2.8615	Ave		2.7781				3.6		20.0			
1,3,5-Trimethylbenzene	3.1711 3.2256	3.2997	3.6203	3.4384	3.5629	Ave		3.3863				5.4		20.0			
Butyl Methacrylate	1.3103 0.9620	0.8169	0.9015	0.8860	0.8961	Ave		0.9621				18.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

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 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	2.1393 2.7579	2.4977	2.8109	2.7505	2.9734	Ave		2.6550				11.1		20.0			
1,2,4-Trimethylbenzene	4.0887 3.2734	3.6720	3.7944	3.5060	3.6032	Ave		3.6563				7.5		20.0			
sec-Butylbenzene	3.7773 4.0925	4.2632	4.6144	4.4418	4.5866	Ave		4.2960				7.5		20.0			
1,3-Dichlorobenzene	1.8892 1.7180	1.8432	1.9637	1.7904	1.8162	Ave		1.8368			0.6000	4.6		20.0			
4-Isopropyltoluene	3.4604 3.3687	3.8142	4.1139	3.8986	3.9599	Ave		3.7693				7.8		20.0			
1,4-Dichlorobenzene	1.8696 1.5581	1.8659	1.9757	1.7916	1.7902	Ave		1.8085			0.5000	7.8		20.0			
1,2,3-Trimethylbenzene	3.6255 3.5598	3.7495	4.1171	3.8116	3.8723	Ave		3.7893				5.2		20.0			
Benzyl chloride	1.7318 1.7220	1.7398	1.8270	1.6315	1.7154	Ave		1.7279				3.6		20.0			
Indan	3.3652 3.2022	3.5411	3.8246	3.4997	3.4484	Ave		3.4802				5.9		20.0			
1,2-Dichlorobenzene	1.9252 1.6452	1.9953	2.1103	1.9051	1.8817	Ave		1.9105			0.4000	8.1		20.0			
p-Diethylbenzene	1.9124 1.7064	2.0783	2.1844	2.0218	1.9612	Ave		1.9774				8.2		20.0			
n-Butylbenzene	1.9329 1.6924	1.9836	2.0593	1.9399	1.8927	Ave		1.9168				6.5		20.0			
1,2,4,5-Tetramethylbenzene	3.9998 3.4466	3.8287	4.2611	3.9531	3.9517	Ave		3.9068				6.8		20.0			
1,2-Dibromo-3-Chloropropane	0.2973 0.2342	0.2972	0.2894	0.2568	0.2632	Ave		0.2730			0.0500	9.4		20.0			
1,3,5-Trichlorobenzene	1.8083 1.4348	1.6943	1.7736	1.6085	1.5712	Ave		1.6485				8.4		20.0			
1,2,4-Trichlorobenzene	1.7049 1.3567	1.6345	1.6806	1.5275	1.5093	Ave		1.5689			0.2000	8.3		20.0			
Hexachlorobutadiene	0.6408 0.6682	0.6576	0.7025	0.6908	0.6914	Ave		0.6752				3.5		20.0			
Naphthalene	5.0716 3.2744	4.0321	4.0356	3.6146	3.5150	Ave		3.9239				16.2		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

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 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	1.7254 1.3120	1.6445	1.7050	1.5407	1.4774	Ave		1.5675				10.0		20.0			
Dibromofluoromethane (Surr)	0.3383 0.3193	0.3355	0.3232	0.3276	0.3198	Ave		0.3273				2.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3022 0.3039	0.2973	0.2911	0.2940	0.3001	Ave		0.2981				1.6		20.0			
Toluene-d8 (Surr)	1.4481 1.4133	1.4346	1.4352	1.4644	1.4442	Ave		1.4400				1.2		20.0			
4-Bromofluorobenzene	0.5017 0.4598	0.4932	0.4727	0.4756	0.4583	Ave		0.4769				3.7		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-846571/3	K34450.D
Level 2	STD5 460-846571/4	K34451.D
Level 3	STD20 460-846571/5	K34452.D
Level 4	STD50 460-846571/6	K34453.D
Level 5	STD200 460-846571/7	K34454.D
Level 6	STD500 460-846571/8	K34455.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	866 962321	7464	28510	77163	403703	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	4092 3179961	30134	109324	294379	1407353	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	QuaF	615 416076	5795	15414	41315	170759	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4417 2698370	20807	80816	206667	1152274	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3413 1615631	19630	70584	185166	735155	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4158 1984212	21548	80513	219833	884119	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3607 1476257	19144	72566	169368	714796	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2213 883374	12302	42565	99210	417321	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6052 2562870	32964	119604	298311	1216309	1.00 500	5.00	20.0	50.0	200
Pentane	TBAd 9	Lin2	1505 361067	5076	18701	44319	172826	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	5825 2668979	35159	125449	308189	1294311	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2626 946347	11550	38497	105718	416454	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd 9	Ave	+++++	5429	19313	45220	158058	+++++	200	800	2000	8000

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			380763					20000				
2-Methyl-1,3-butadiene	FB	Ave	2870 1156221	12943	44698	132616	494078	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2131 1639684	17752	62979	177922	686136	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	3912 2519282	25483	92298	253110	1032732	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	20331 +++++	43240	60110	83666	129906	100 +++++	200	300	400	500
1,1-Dichloroethene	FB	Ave	3137 1546201	17572	56580	161562	657115	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	QuaF	8918 2994689	26855	88802	236644	1262363	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3360 1937241	21184	73683	201159	820334	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	7060 3580447	38909	138399	368232	1502568	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	+++++ 1422976	6016	41731	131727	561021	+++++ 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	10888 5705748	63155	218405	604782	2486673	1.00 500	5.00	20.0	50.0	200
3-Chloro-1-propene	FB	Ave	5119 1818286	19960	75723	198369	783215	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBAd9	Ave	3293 2133350	22084	60664	190494	846238	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	QuaF	1011 1226520	9331	35608	112764	460522	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	7772 3517203	42552	138543	387422	1529127	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	4077 1877878	20884	72527	191255	791851	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	5999 2560840	30157	110386	249031	1065793	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	Ave	10564 5242330	55696	199448	524060	2166264	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	3103 1633801	19631	65213	182601	739631	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	9101 4688278	48850	183098	485442	1999791	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Qua2	3456 1111939	14753	44512	123752	507225	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	4959 2695035	30032	104945	282448	1158747	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	TBAd9	Qua2	580 560309	5865	17768	51202	222505	2.00 1000	10.0	40.0	100	400
Isopropyl ether	FB	Ave	10094 4598796	51325	183201	488731	1948555	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	2995 1465434	16427	56777	159283	637383	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	4666 2213938	23164	83138	221136	906353	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3946 1926152	21395	75492	199694	827410	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2325 912211	9831	35793	91305	386203	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Qua2	3096 1041657	10205	34754	85641	411384	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	435 324608	3055	10977	28506	120367	2.00 1000	10.0	40.0	100	400
Propionitrile	TBAd9	Ave	4560 2285076	22950	83520	211995	883371	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	Ave	3525	13868	53279	145897	614264	1.00	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			1621879					500				
Methacrylonitrile	FB	Ave	12923 5894205	57433	221256	574710	2386494	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	2345 1062956	12085	41462	110116	454686	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	924 471296	5006	16678	41514	182821	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	6442 3066249	31633	117281	314735	1311502	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5690 3004564	31966	113597	309061	1277139	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4883 2643339	29838	97091	278594	1122671	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4233 2093991	22684	77273	216786	905740	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5142 2612345	28831	97793	271239	1120451	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	12064 6349894	65301	237117	644126	2712760	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	1376 611292	5503	24599	59917	251339	25.0 12500	125	500	1250	5000
1,2-Dichloroethane	FB	Ave	5016 2197627	21168	76996	204066	879911	1.00 500	5.00	20.0	50.0	200
Isooctane	FB	Ave	9203 6666623	61736	207247	623181	2747186	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	1316 573898	5273	21929	55040	228313	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	10761 5393475	52972	195553	517945	2173548	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	5567 2042680	24834	79279	221273	895974	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	QuaF	1107 1453296	16283	54870	127143	556582	25.0 12500	125	500	1250	5000

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	3263 1777017	17523	61779	171159	737650	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3671 1678184	14918	59007	152776	642021	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	6318 3163016	34108	118228	328748	1351968	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3355 1590572	15904	59305	151983	656786	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	QuaF	3162 1179831	11137	42220	107493	465604	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3655 2027084	19067	69872	179672	780258	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	1050 394052	4800	18343	39110	170156	20.0 10000	100	400	1000	4000
n-Propyl acetate	FB	Ave	3417 1832582	16696	65842	162815	724047	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4523 2429721	21857	84486	220528	963850	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1143 789755	9995	27411	63783	283396	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	405 284626	1906	6462	17642	87336	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	5667 3019268	26606	100978	253123	1137365	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	4682 2691698	23593	91274	235879	1050023	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	14779 7143432	73586	283585	685262	2919070	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	13751 7078684	65769	250110	668184	2913294	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	3941 2368917	20635	81855	202161	922541	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	4044 1984550	18878	73662	178101	786304	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	1934 1227789	10206	43514	106935	474806	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	3263 1910515	18154	67158	183311	792615	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	3692 2258502	20035	77961	196549	874361	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	9125 4548730	41897	156655	380603	1755267	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	3368 1982281	17420	69585	166121	756931	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	5016 1961265	19800	75660	174527	743194	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	3146 1613601	13948	55784	138081	619201	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	7908 4837543	43628	173368	433086	1921441	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3891 2222336	21465	85758	208491	896266	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	4949 2596002	26004	97818	249517	1072036	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	7256 3197772	31630	121157	303932	1309471	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
o-Xylene	CBNZ d5	Ave	6644 3391619	34623	132001	325336	1412346	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	10267 5192447	50457	201305	481939	2113619	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	QuaF	3041 1157573	12390	44734	106092	438687	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	2280 1379041	12348	49125	114793	520041	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	5734 2226764	20312	75953	192052	792926	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	15953 8913633	89471	355488	890064	3778063	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	4335 2269691	22033	87697	207451	897963	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3974 2184801	21655	85731	199155	858790	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	1173 605431	6497	24350	54695	235501	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	960 478264	4887	18231	41739	183305	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	18647 9357462	101394	389021	950226	3976669	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	10411 5904428	59309	234391	570318	2420041	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Ethyltoluene	DCBd 4	Ave	16581 8089371	85988	327695	804004	3284848	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	11640 6491399	63614	251046	601800	2603263	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	13920 7690058	75398	311214	758475	3241371	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	5752 2293469	18666	77493	195432	815259	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	9391 6575097	57074	241629	606735	2705106	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	17948 7803982	83907	326178	773385	3278016	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	16581 9756873	97416	396669	979805	4172681	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	8293 4095900	42117	168806	394935	1652306	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	15190 8031316	87155	353640	859994	3602546	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	8207 3714739	42636	169834	395209	1628601	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	15915 8486777	85677	353915	840799	3522817	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	7602 4105316	39755	157056	359896	1560613	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Indan	DCBd 4	Ave	14772 7634296	80914	328772	771995	3137218	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	8451 3922356	45593	181410	420248	1711871	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	8395 4068245	47489	187776	445976	1784240	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	8485 4034918	45326	177027	427913	1721866	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	17558 8217072	87486	366292	872007	3595071	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1305 558446	6790	24879	56654	239484	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	7938 3420751	38715	152463	354820	1429412	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	7484 3234609	37348	144470	336944	1373084	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	2813 1593047	15027	60388	152377	628961	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	22263 7806567	92135	346912	797338	3197816	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	7574 3127944	37578	146566	339859	1344069	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	155465 172427	161065	151401	164423	168304	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	138868	142731	136381	147579	157944	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			164140					50.0				
Toluene-d8 (Surr)	CBNZ d5	Ave	508254 626161	521272	509236	550439	593917	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	176083 203722	179204	167735	178762	188491	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 846571

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/25/2022 11:48 Calibration End Date: 05/25/2022 13:37 Calibration ID: 90554

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-846571/3	K34450.D
Level 2	STD5 460-846571/4	K34451.D
Level 3	STD20 460-846571/5	K34452.D
Level 4	STD50 460-846571/6	K34453.D
Level 5	STD200 460-846571/7	K34454.D
Level 6	STD500 460-846571/8	K34455.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Pentane	-0.1						30					

Report Date: 27-May-2022 12:10:00 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 25-May-2022 11:48:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0145738-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-May-2022 12:09:59 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: baronm Date: 26-May-2022 20:30:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.116	1.116	0.000	16	1552	NC	NC	Ma
5 Chlorodifluoromethane	67	1.132	1.132	0.000	25	615	1.00	0.7990	M
2 Chlorotrifluoroethene	116	1.137	1.137	0.000	1	866	1.00	0.4868	a
4 Dichlorodifluoromethane	85	1.137	1.137	0.000	1	4092	1.00	0.7631	Ma
6 Chloromethane	50	1.268	1.268	0.000	69	4417	1.00	1.03	
7 Butadiene	54	1.307	1.307	0.000	79	3413	1.00	1.02	M
8 Vinyl chloride	62	1.328	1.328	0.000	80	4158	1.00	1.06	M
9 Bromomethane	94	1.536	1.536	0.000	76	3607	1.00	1.11	M
10 Chloroethane	64	1.552	1.552	0.000	77	2213	1.00	1.13	M
11 Dichlorofluoromethane	67	1.699	1.699	0.000	34	6052	1.00	1.09	M
12 Trichlorofluoromethane	101	1.705	1.705	0.000	40	5825	1.00	1.01	Ma
13 Pentane	72	1.748	1.748	0.000	95	1505	2.00	2.00	
15 Ethyl ether	59	1.874	1.874	0.000	94	2626	1.00	1.30	
16 2-Methyl-1,3-butadiene	53	1.901	1.901	0.000	91	2870	1.00	1.22	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.901	1.901	0.000	76	2131	1.00	0.7238	Ma
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.934	1.934	0.000	42	3912	1.00	0.8774	a
19 Acrolein	56	1.961	1.961	0.000	95	20331	100.0	96.0	
21 1,1-Dichloroethene	96	2.032	2.032	0.000	94	3137	1.00	1.06	
20 112TCTFE	101	2.070	2.070	0.000	91	3360	1.00	0.9336	M
22 Acetone	43	2.076	2.076	0.000	87	8918	5.00	8.02	M
23 Iodomethane	142	2.130	2.130	0.000	99	7060	1.00	1.04	
25 Carbon disulfide	76	2.185	2.185	0.000	95	10888	1.00	1.00	
26 3-Chloro-1-propene	39	2.272	2.272	0.000	87	5119	1.00	1.35	
27 Methyl acetate	43	2.294	2.294	0.000	77	3293	2.00	1.71	
28 Cyclopentene	67	2.338	2.338	0.000	90	7772	1.00	1.10	
29 Acetonitrile	41	2.343	2.343	0.000	27	1011	10.0	5.28	M
31 Methylene Chloride	84	2.360	2.360	0.000	85	4077	1.00	1.12	
* 30 TBA-d9 (IS)	65	2.441	2.441	0.000	96	353117	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	2.496	2.496	0.000	30	5999	10.0	10.9	a
35 Acrylonitrile	53	2.534	2.534	0.000	94	10564	10.0	10.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.561	2.561	0.000	94	3103	1.00	0.9589	
33 Methyl tert-butyl ether	73	2.578	2.578	0.000	63	9101	1.00	1.03	M
36 Hexane	43	2.791	2.791	0.000	78	3456	1.00	0.9827	
38 1,1-Dichloroethane	63	2.878	2.878	0.000	98	4959	1.00	0.9699	
39 Vinyl acetate	86	2.927	2.927	0.000	98	580	2.00	1.93	
37 Isopropyl ether	45	2.949	2.949	0.000	95	10094	1.00	1.12	a
40 2-Chloro-1,3-butadiene	88	2.954	2.954	0.000	75	2995	1.00	1.05	
41 Tert-butyl ethyl ether	87	3.238	3.244	-0.006	14	4666	1.00	1.12	
* 42 2-Butanone-d5	46	3.325	3.325	0.000	98	207061	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.358	3.358	0.000	98	3946	1.00	1.06	
43 2,2-Dichloropropane	79	3.358	3.358	0.000	56	2325	1.00	1.28	a
46 2-Butanone (MEK)	72	3.369	3.369	0.000	27	3096	5.00	5.00	a
47 Methyl acrylate	55	3.429	3.429	0.000	54	3525	1.00	1.25	M
45 Ethyl acetate	70	3.434	3.434	0.000	77	435	2.00	1.68	
48 Propionitrile	54	3.434	3.434	0.000	30	4560	10.0	10.3	
51 Methacrylonitrile	67	3.555	3.555	0.000	91	12923	10.0	11.8	
50 Chlorobromomethane	128	3.565	3.565	0.000	71	2345	1.00	1.13	
49 Tetrahydrofuran	72	3.636	3.636	0.000	36	924	2.00	2.22	
52 Chloroform	83	3.636	3.636	0.000	97	6442	1.00	1.11	
$ 55 Dibromofluoromethane (Surr)	113	3.784	3.784	0.000	97	155465	50.0	51.7	
54 1,1,1-Trichloroethane	97	3.827	3.827	0.000	96	5690	1.00	1.01	
53 Cyclohexane	84	3.882	3.882	0.000	85	4883	1.00	0.9811	
57 1,1-Dichloropropene	75	3.958	3.958	0.000	87	4233	1.00	1.06	
56 Carbon tetrachloride	117	3.969	3.969	0.000	95	5142	1.00	1.04	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.095	4.095	0.000	0	138868	50.0	50.7	
60 Benzene	78	4.160	4.160	0.000	91	12064	1.00	1.03	
58 Isobutyl alcohol	74	4.166	4.166	0.000	28	1376	25.0	27.9	M
64 1,2-Dichloroethane	62	4.171	4.171	0.000	61	5016	1.00	1.25	
59 Isooctane	57	4.258	4.258	0.000	92	9203	1.00	0.8373	a
62 Isopropyl acetate	61	4.269	4.269	0.000	70	1316	1.00	1.24	Ma
63 Tert-amyl methyl ether	73	4.297	4.297	0.000	91	10761	1.00	1.10	
* 66 Fluorobenzene	96	4.438	4.438	0.000	99	459584	50.0	50.0	
65 n-Heptane	43	4.460	4.438	0.022	36	5567	1.00	1.30	a
68 n-Butanol	56	4.788	4.788	0.000	22	1107	25.0	11.8	a
69 Trichloroethene	95	4.826	4.826	0.000	94	3263	1.00	1.03	
70 Ethyl acrylate	55	4.957	4.957	0.000	92	3671	1.00	1.23	a
71 Methylcyclohexane	83	5.044	5.044	0.000	92	6318	1.00	1.05	
72 1,2-Dichloropropane	63	5.060	5.060	0.000	72	3355	1.00	1.14	M
* 73 1,4-Dioxane-d8	96	5.175	5.175	0.000	91	27776	1000.0	1000.0	
77 Dibromomethane	93	5.191	5.191	0.000	78	3162	1.00	1.55	
74 Methyl methacrylate	69	5.219	5.219	0.000	88	3655	2.00	2.10	
75 1,4-Dioxane	88	5.230	5.230	0.000	27	1050	20.0	25.5	
76 n-Propyl acetate	43	5.306	5.306	0.000	91	3417	1.00	1.07	
78 Dichlorobromomethane	83	5.377	5.377	0.000	96	4523	1.00	1.08	
79 2-Nitropropane	41	5.644	5.644	0.000	28	1143	2.00	1.95	
67 2-Chloroethyl vinyl ether	63	5.764	5.764	0.000	1	405	1.00	1.07	a
80 Epichlorohydrin	57	5.808	5.808	0.000	84	5667	20.0	22.7	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	91	4682	1.00	1.04	
82 4-Methyl-2-pentanone (MIBK)	43	6.141	6.141	0.000	97	14779	5.00	5.61	
$ 83 Toluene-d8 (Surr)	98	6.255	6.255	0.000	99	508254	50.0	50.3	
84 Toluene	91	6.337	6.337	0.000	91	13751	1.00	1.10	
85 trans-1,3-Dichloropropene	75	6.637	6.637	0.000	97	3941	1.00	1.01	

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	6.812	6.812	0.000	60	4044	1.00	1.15	a
87 1,1,2-Trichloroethane	83	6.867	6.867	0.000	89	1934	1.00	0.9649	
88 Tetrachloroethene	166	7.052	7.052	0.000	93	3263	1.00	0.9826	
89 1,3-Dichloropropane	76	7.090	7.090	0.000	88	3692	1.00	0.9890	M
90 2-Hexanone	43	7.270	7.270	0.000	95	9125	5.00	5.89	
92 Chlorodibromomethane	129	7.401	7.401	0.000	94	3368	1.00	1.03	
91 n-Butyl acetate	43	7.489	7.489	0.000	96	5016	1.00	1.36	
93 Ethylene Dibromide	107	7.538	7.538	0.000	94	3146	1.00	1.15	
* 94 Chlorobenzene-d5	117	8.231	8.231	0.000	85	350982	50.0	50.0	
95 Chlorobenzene	112	8.269	8.269	0.000	95	7908	1.00	0.9710	
97 1,1,1,2-Tetrachloroethane	131	8.411	8.411	0.000	94	3891	1.00	0.99	
96 Ethylbenzene	106	8.482	8.482	0.000	98	4949	1.00	1.05	
98 m-Xylene & p-Xylene	106	8.662	8.662	0.000	0	7256	1.00	1.22	
100 o-Xylene	106	9.169	9.169	0.000	94	6644	1.00	1.07	
101 Styrene	104	9.191	9.191	0.000	98	10267	1.00	1.10	
99 n-Butyl acrylate	73	9.213	9.213	0.000	97	3041	1.00	1.59	
103 Bromoform	173	9.371	9.371	0.000	94	2280	1.00	1.00	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	93	5734	1.00	1.36	
104 Isopropylbenzene	105	9.622	9.622	0.000	95	15953	1.00	0.9798	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	94	176083	50.0	52.6	
106 Bromobenzene	156	9.900	9.900	0.000	81	4335	1.00	1.01	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.949	0.000	97	3974	1.00	0.9676	
109 1,2,3-Trichloropropane	110	9.977	9.977	0.000	92	1173	1.00	1.00	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.009	0.000	73	960	1.00	1.06	
108 N-Propylbenzene	91	10.059	10.059	0.000	100	18647	1.00	0.9873	
111 2-Chlorotoluene	91	10.119	10.119	0.000	96	10411	1.00	0.9231	
112 4-Ethyltoluene	105	10.179	10.179	0.000	99	16581	1.00	1.03	
114 4-Chlorotoluene	91	10.228	10.228	0.000	97	11640	1.00	0.9545	a
113 1,3,5-Trimethylbenzene	105	10.250	10.250	0.000	92	13920	1.00	0.9364	a
115 Butyl Methacrylate	87	10.386	10.386	0.000	88	5752	1.00	1.36	
116 tert-Butylbenzene	119	10.550	10.550	0.000	94	9391	1.00	0.8058	
117 1,2,4-Trimethylbenzene	105	10.593	10.593	0.000	96	17948	1.00	1.12	
118 sec-Butylbenzene	105	10.751	10.751	0.000	99	16581	1.00	0.8793	
120 1,3-Dichlorobenzene	146	10.817	10.817	0.000	95	8293	1.00	1.03	
* 121 1,4-Dichlorobenzene-d4	152	10.877	10.877	0.000	95	219485	50.0	50.0	
119 4-Isopropyltoluene	119	10.888	10.888	0.000	98	15190	1.00	0.9180	
122 1,4-Dichlorobenzene	146	10.899	10.899	0.000	95	8207	1.00	1.03	
123 1,2,3-Trimethylbenzene	105	10.959	10.959	0.000	98	15915	1.00	0.9568	
124 Benzyl chloride	91	11.024	11.024	0.000	99	7602	1.00	1.00	
125 2,3-Dihydroindene	117	11.123	11.123	0.000	94	14772	1.00	0.9669	
128 1,2-Dichlorobenzene	146	11.210	11.210	0.000	95	8451	1.00	1.01	
126 p-Diethylbenzene	119	11.215	11.215	0.000	95	8395	1.00	0.9671	a
127 n-Butylbenzene	92	11.237	11.237	0.000	97	8485	1.00	1.01	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.832	0.000	96	17558	1.00	1.02	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	34	1305	1.00	1.09	
131 1,3,5-Trichlorobenzene	180	12.006	12.006	0.000	97	7938	1.00	1.10	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	94	7484	1.00	1.09	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	91	2813	1.00	0.9491	
134 Naphthalene	128	12.628	12.628	0.000	99	22263	1.00	1.29	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	96	7574	1.00	1.10	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.02	
S 137 Xylenes, Total	100				0		2.00	2.29	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		5.00	5.48	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00477	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00154	Amount Added:	1.00	Units: uL	
ACROLEIN W_00140	Amount Added:	10.00	Units: uL	
524freon_00052	Amount Added:	1.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-May-2022 12:10:00 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D

Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9 Operator ID:

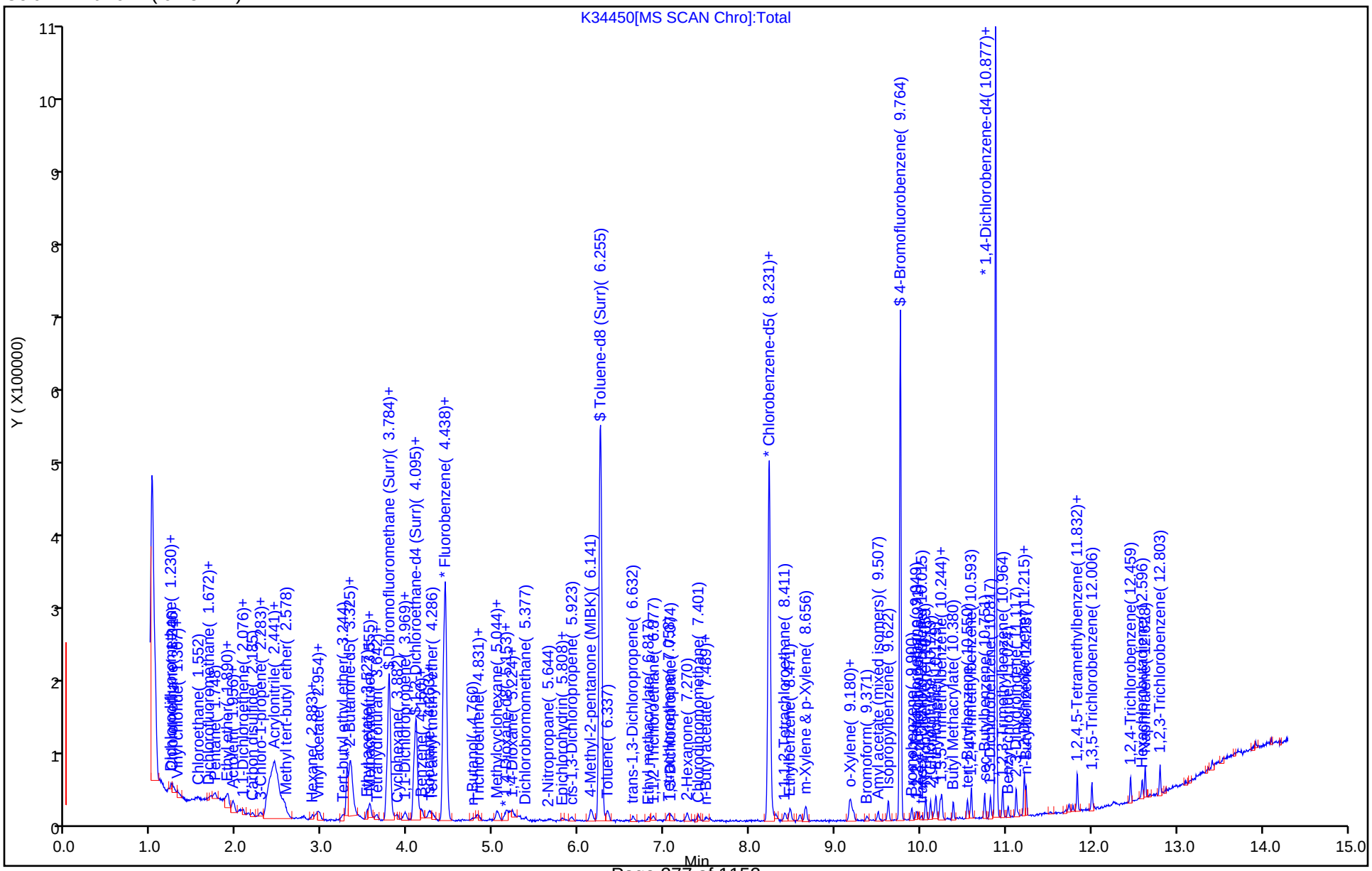
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

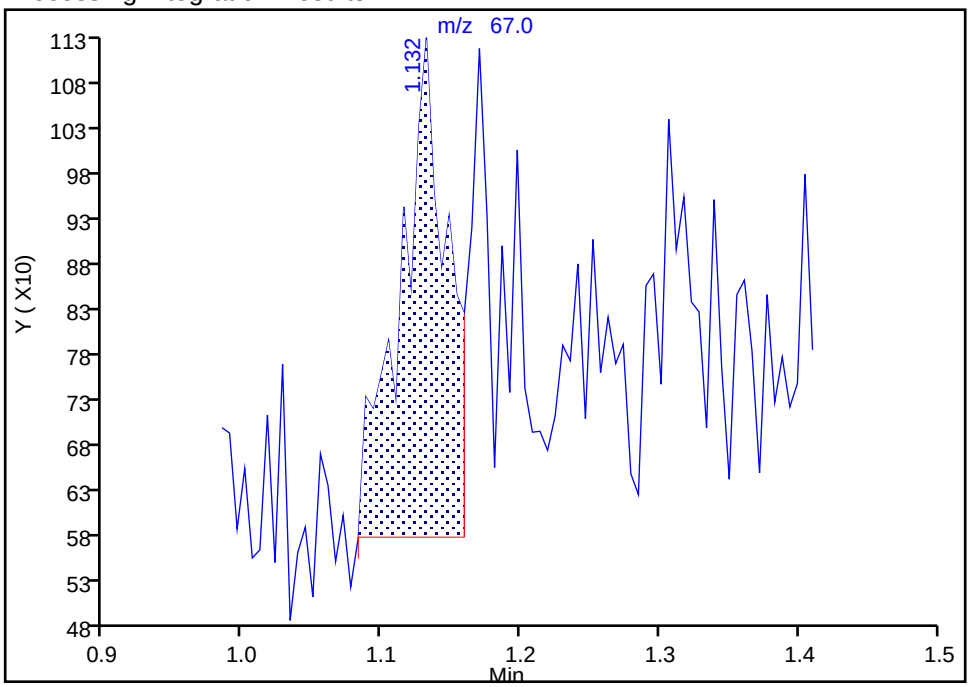
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

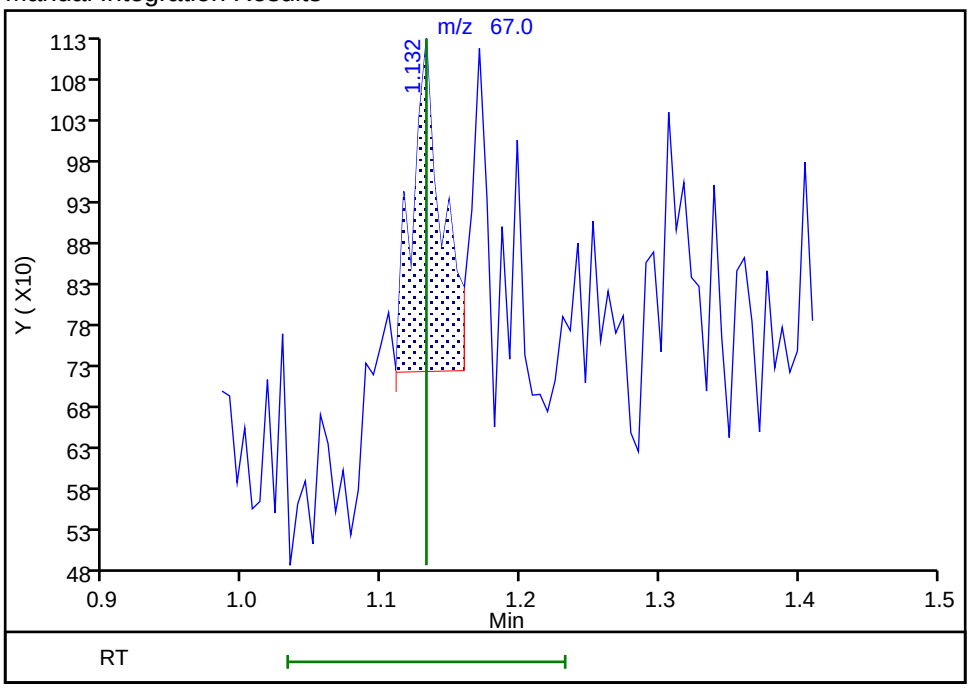
Processing Integration Results

RT: 1.13
Area: 1316
Amount: 1.709919
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 615
Amount: 0.799016
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:25:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

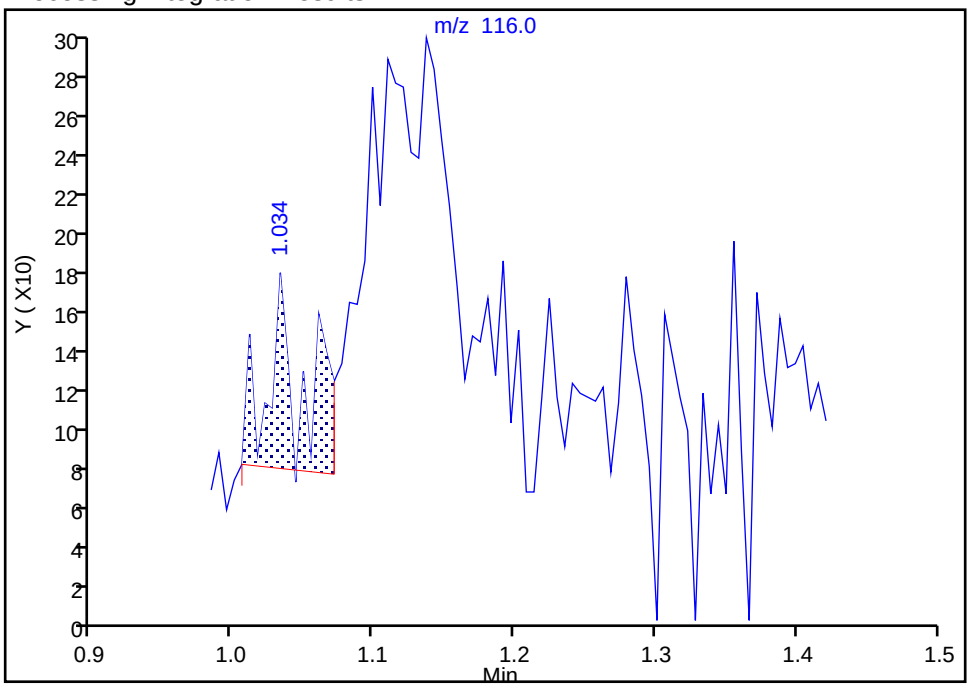
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

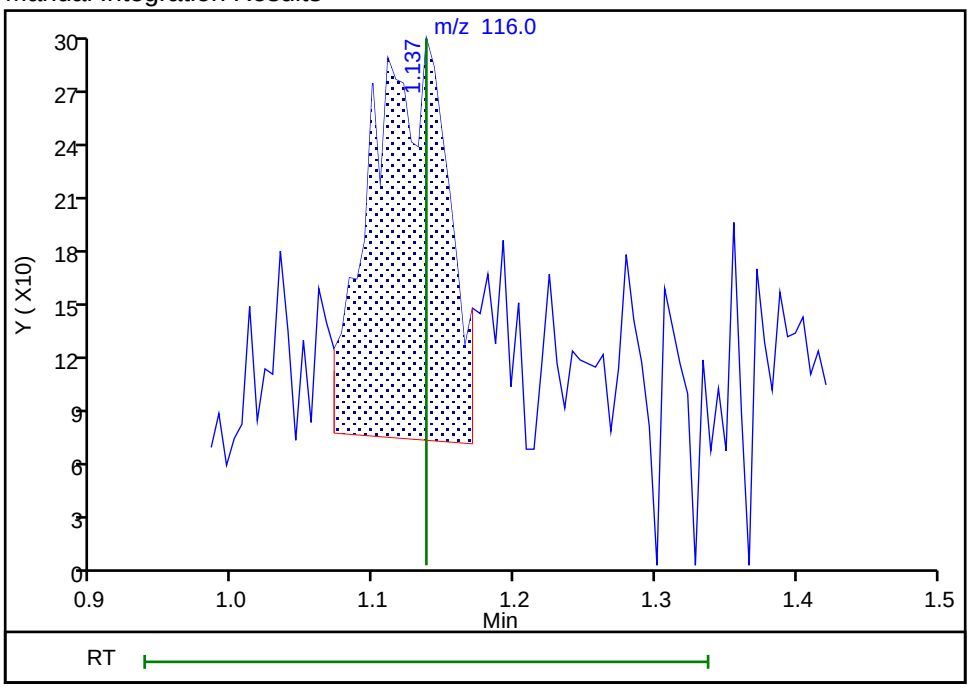
Processing Integration Results

RT: 1.03
Area: 171
Amount: 0.096123
Amount Units: ug/l



Manual Integration Results

RT: 1.14
Area: 866
Amount: 0.486816
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:44:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

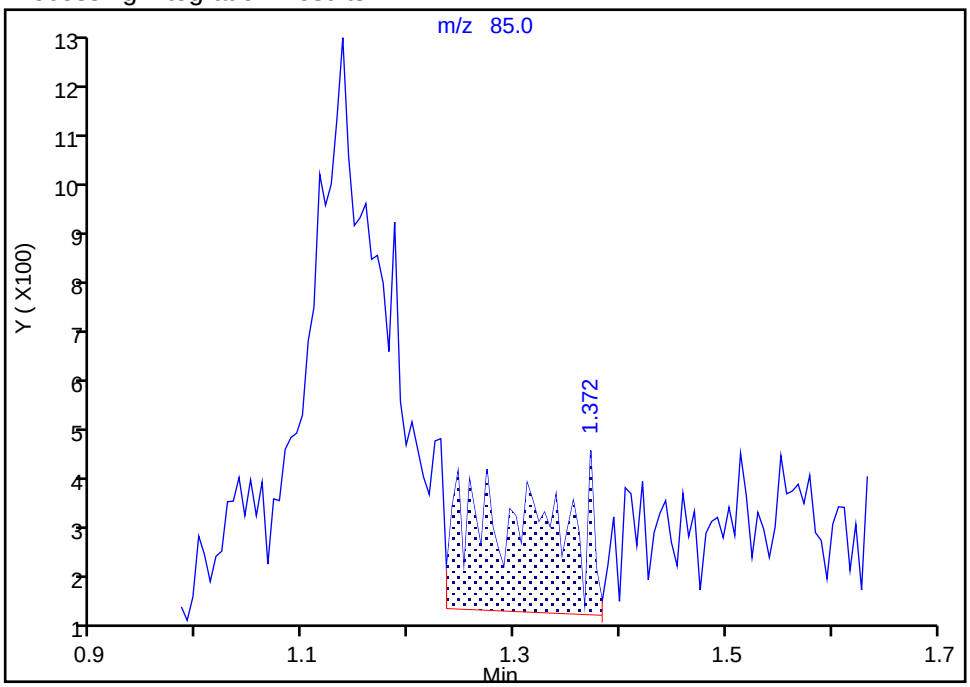
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

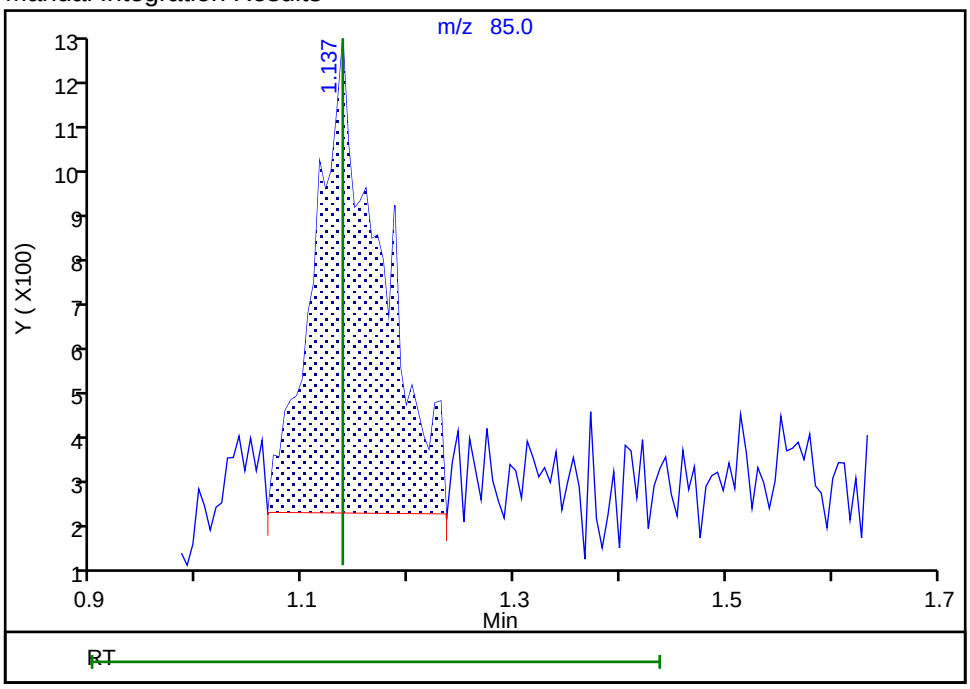
Processing Integration Results

RT: 1.37
Area: 1390
Amount: 0.215445
Amount Units: ug/l



Manual Integration Results

RT: 1.14
Area: 4092
Amount: 0.763113
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:25:09
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

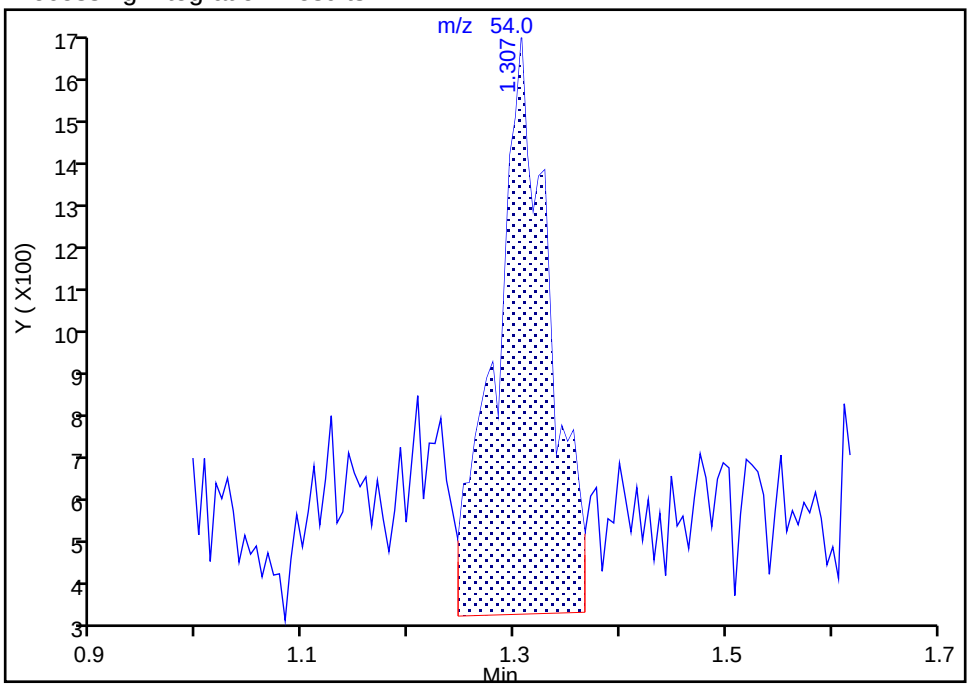
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Butadiene, CAS: 106-99-0

Signal: 1

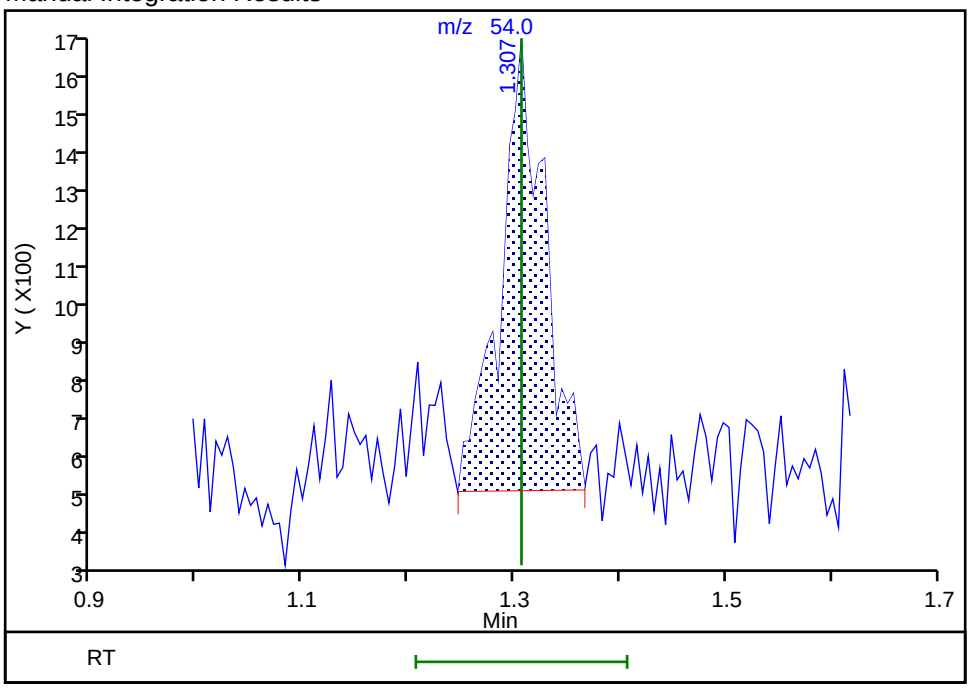
Processing Integration Results

RT: 1.31
Area: 4757
Amount: 1.338176
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 3413
Amount: 1.024667
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:25:43
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

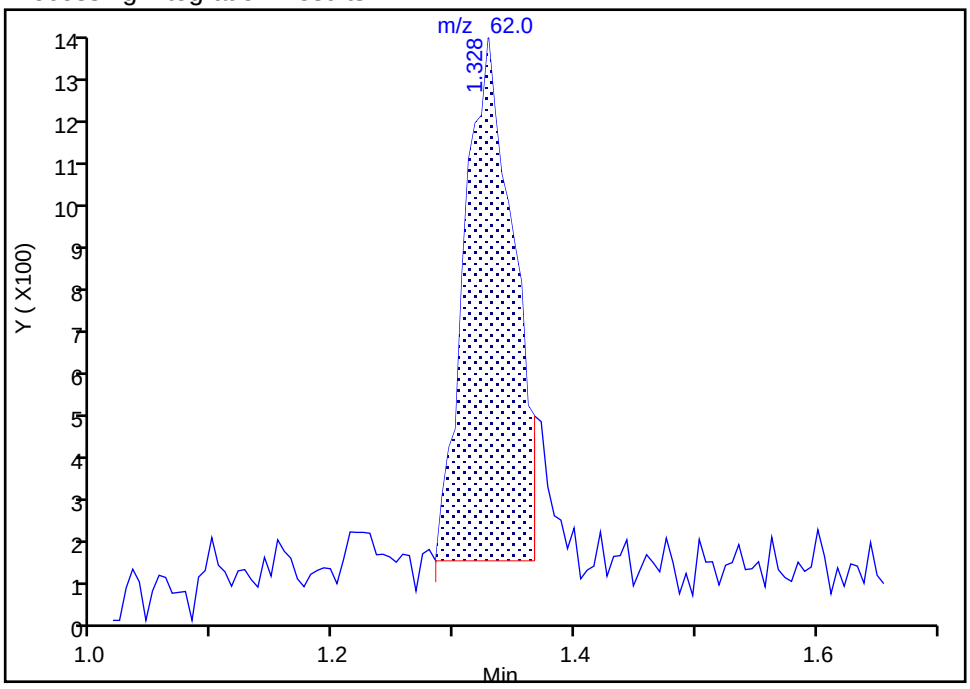
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Signal: 1

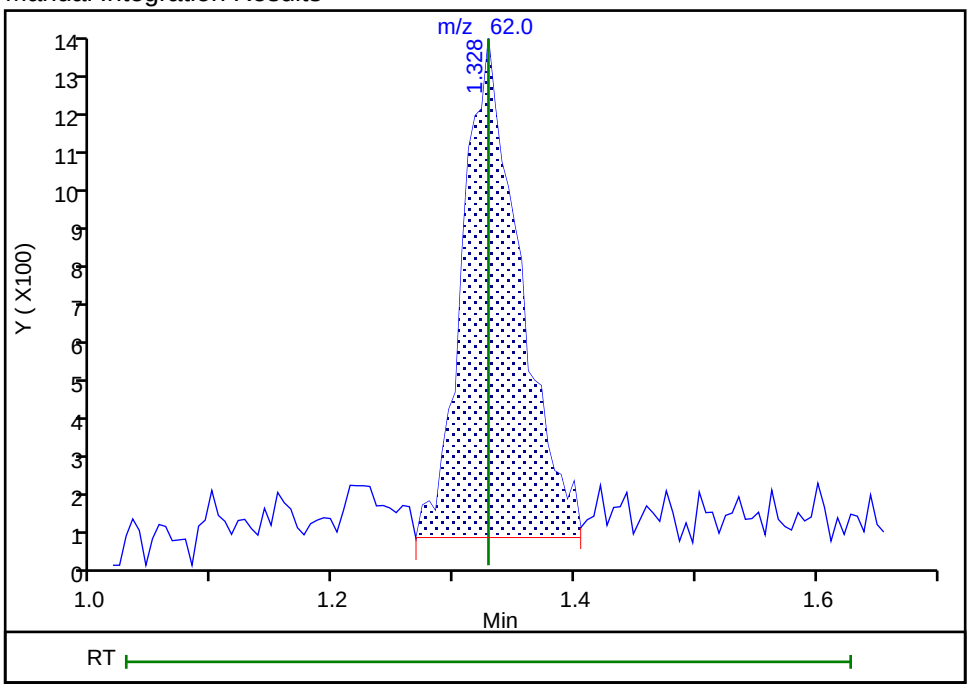
Processing Integration Results

RT: 1.33
Area: 3361
Amount: 0.888370
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 4158
Amount: 1.061752
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:46:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

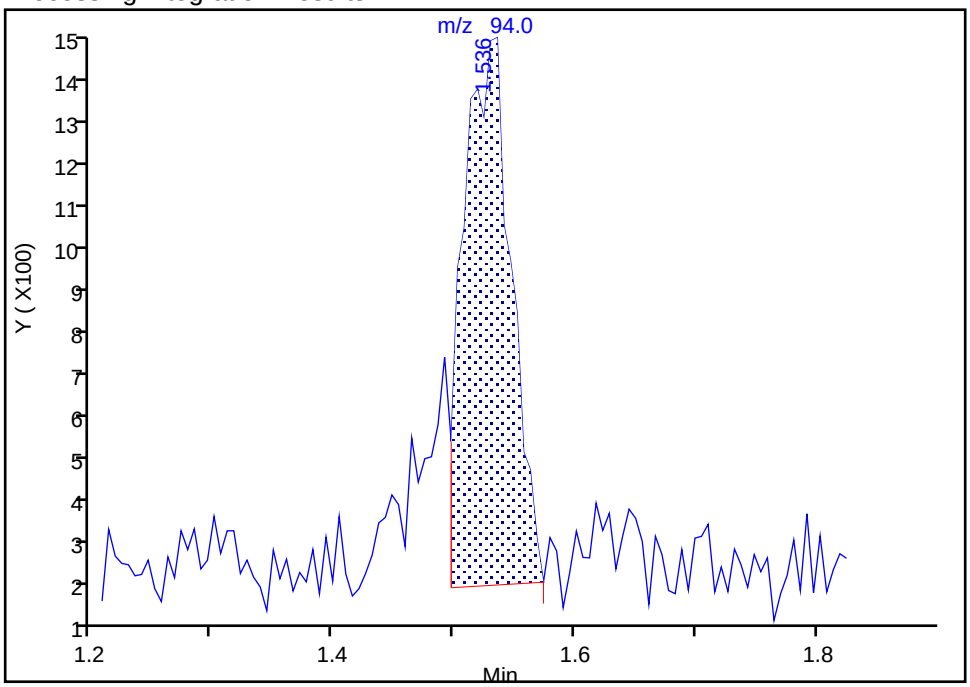
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

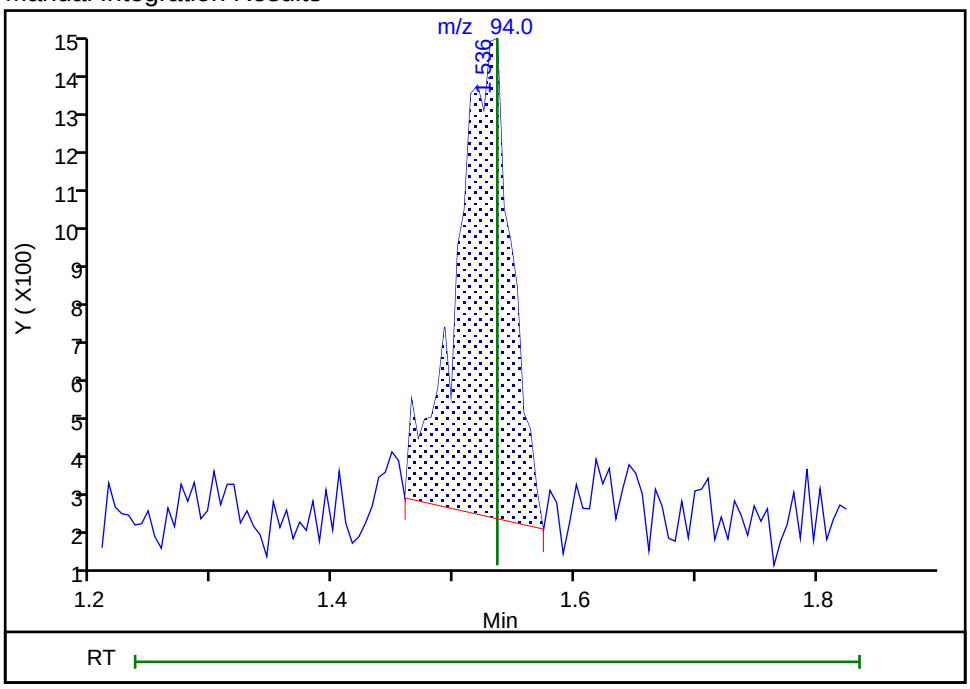
Processing Integration Results

RT: 1.54
Area: 3285
Amount: 1.024122
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 3607
Amount: 1.106003
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:26:06
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

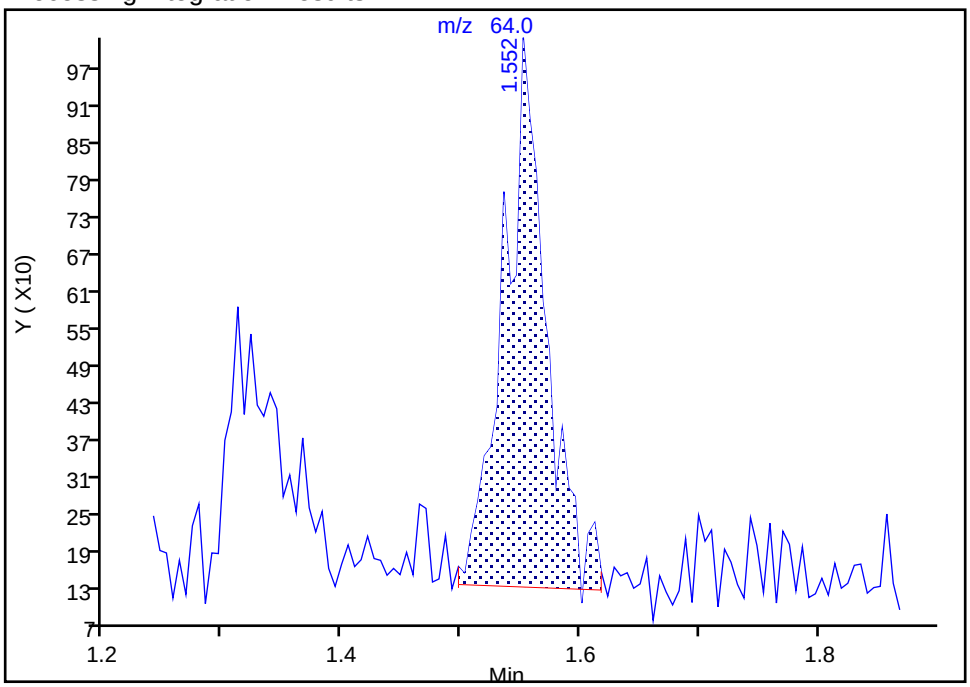
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

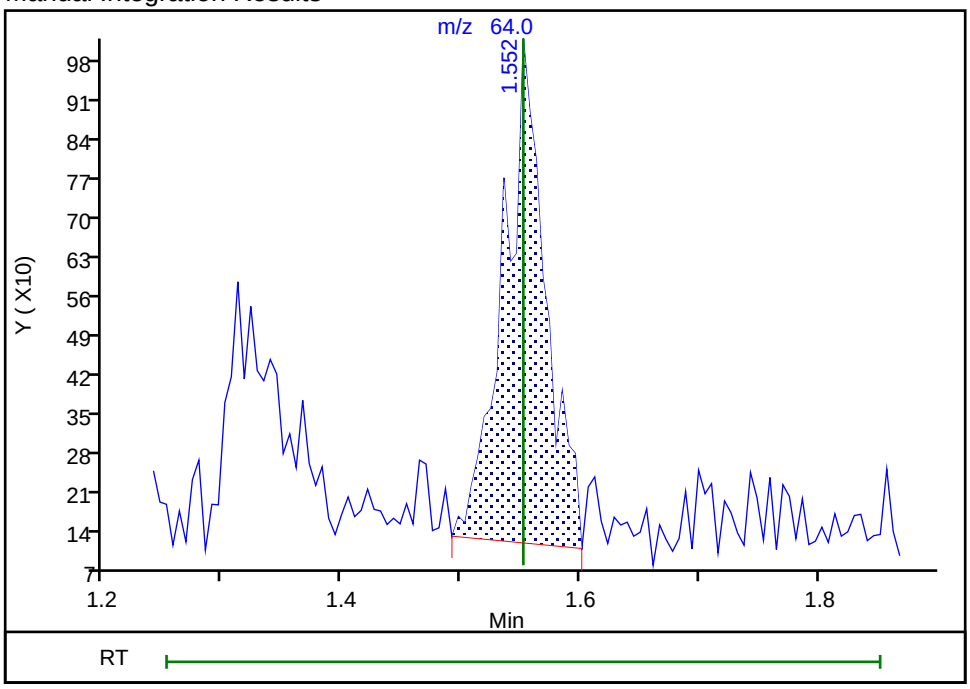
Processing Integration Results

RT: 1.55
Area: 2199
Amount: 1.119543
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 2213
Amount: 1.125334
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:26:18
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

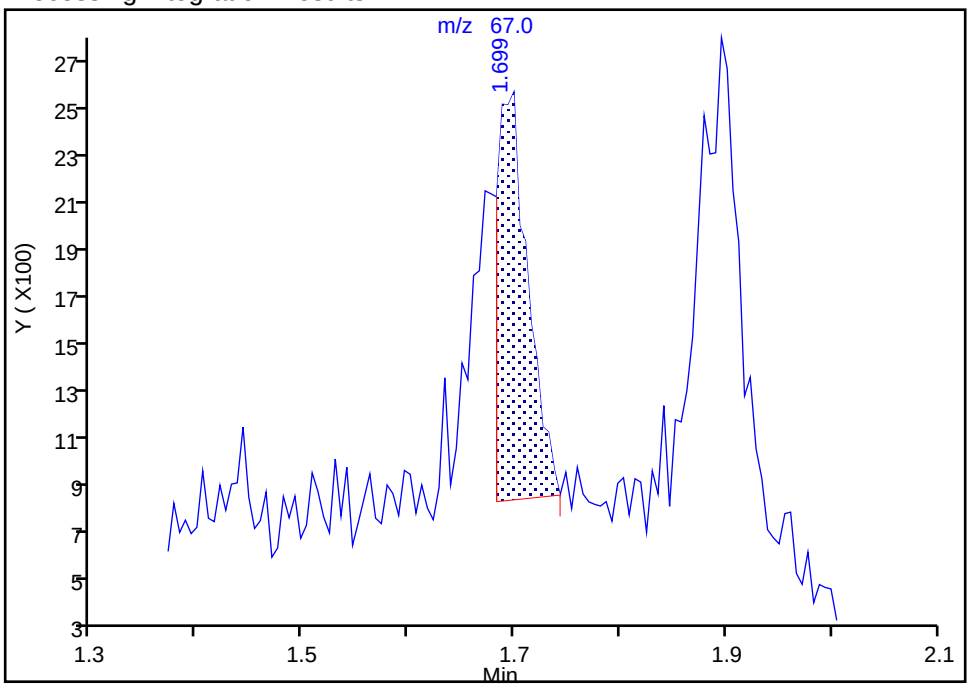
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

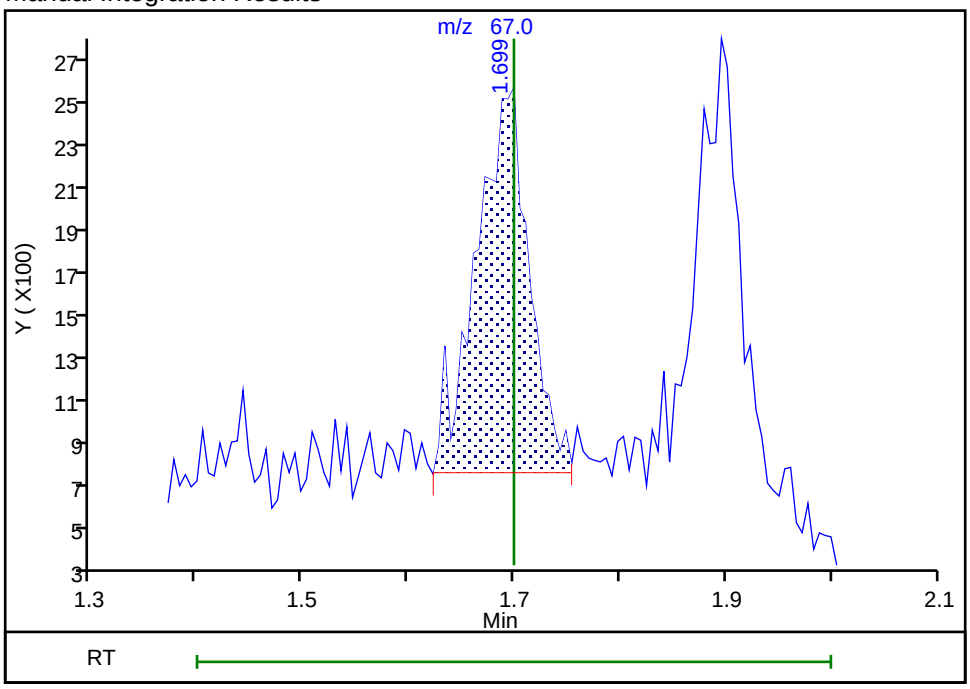
Processing Integration Results

RT: 1.70
Area: 3370
Amount: 0.571344
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 6052
Amount: 1.088259
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:45:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

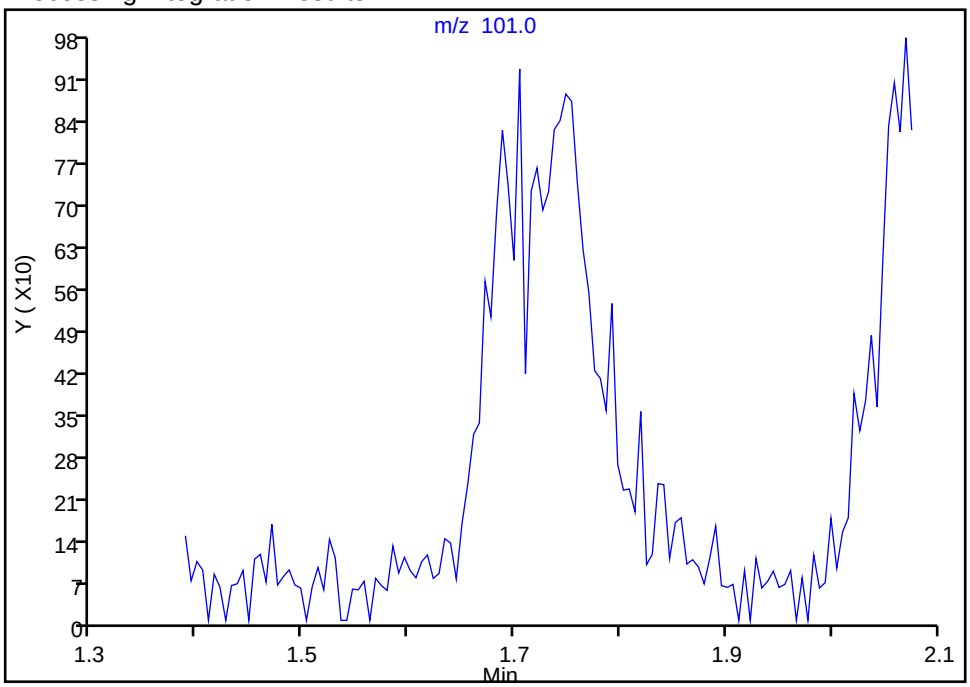
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

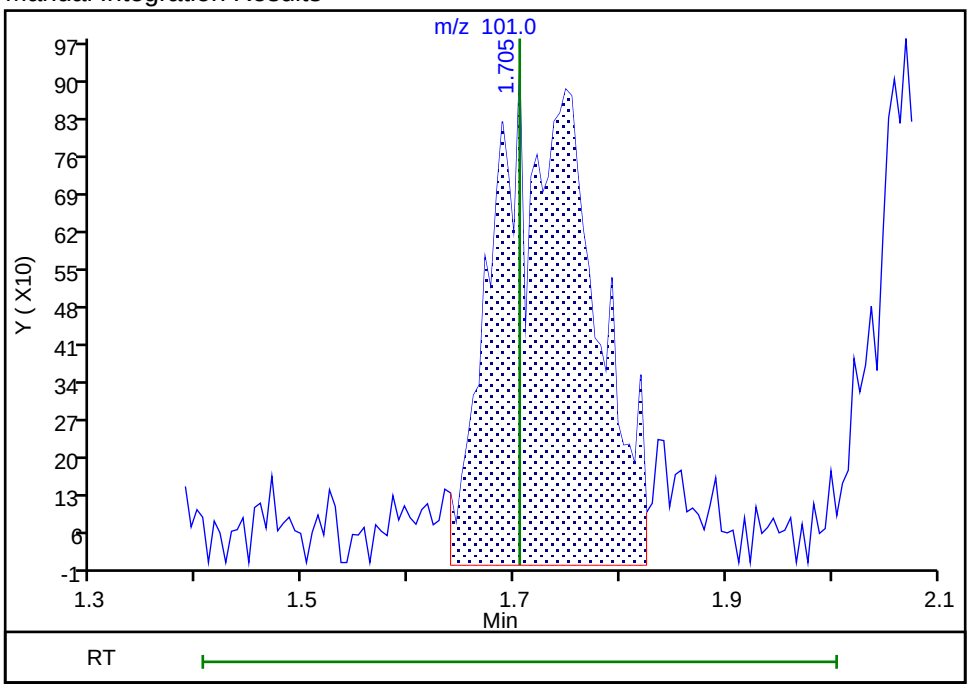
Not Detected
Expected RT: 1.70

Processing Integration Results



Manual Integration Results

RT: 1.70
Area: 5825
Amount: 1.011602
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:45:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

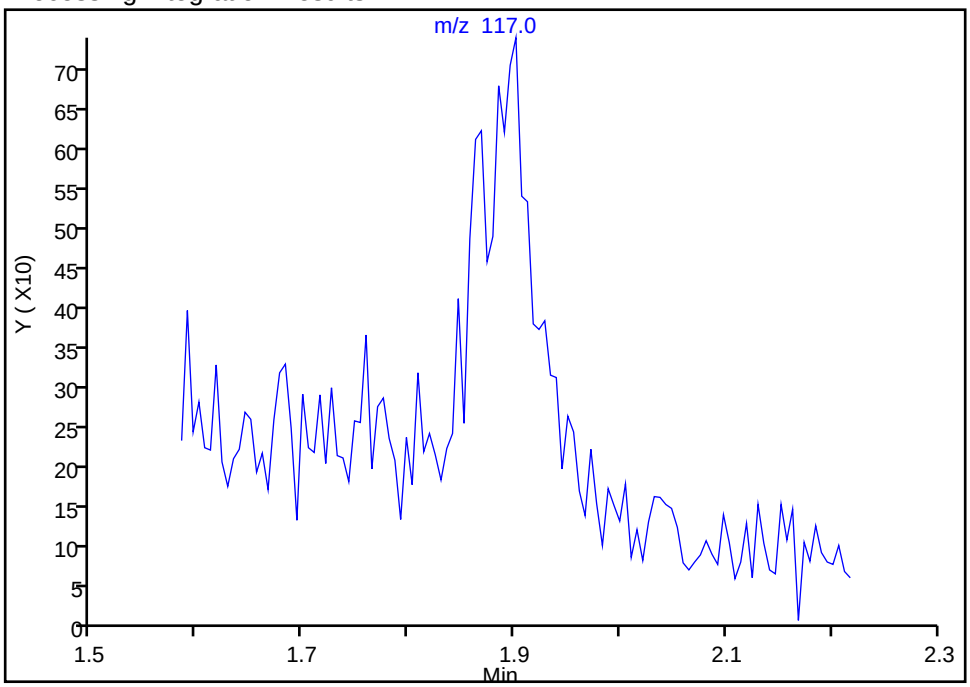
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

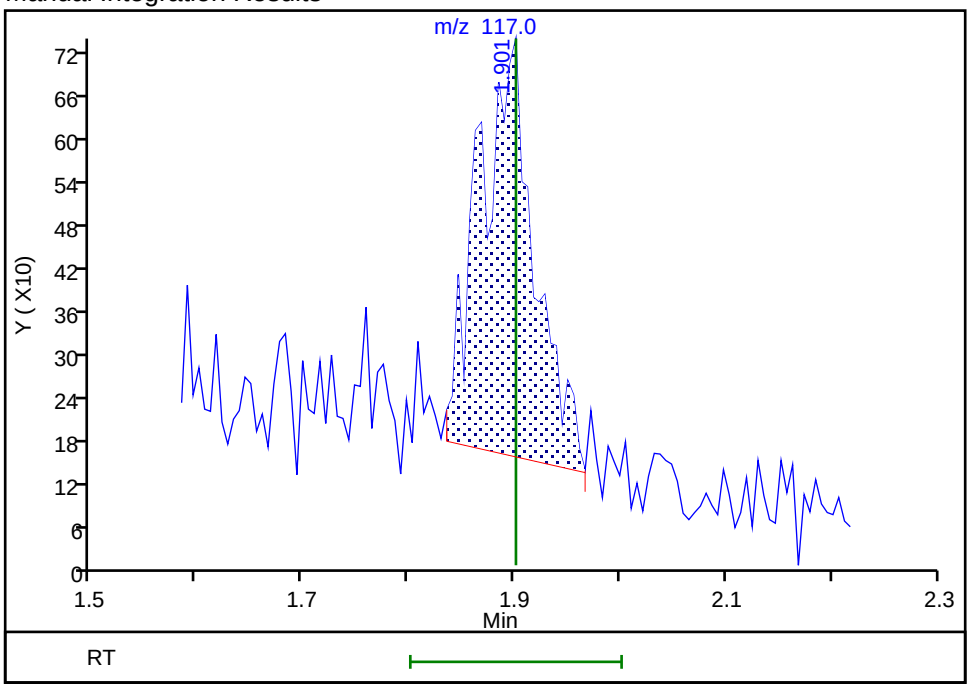
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 2131
Amount: 0.723819
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:26:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

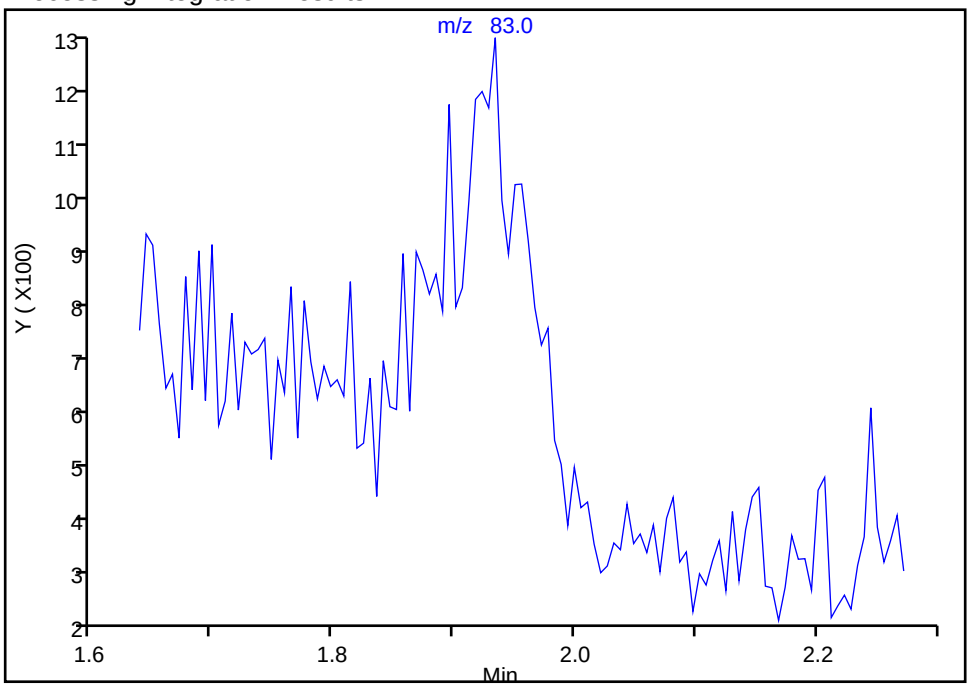
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

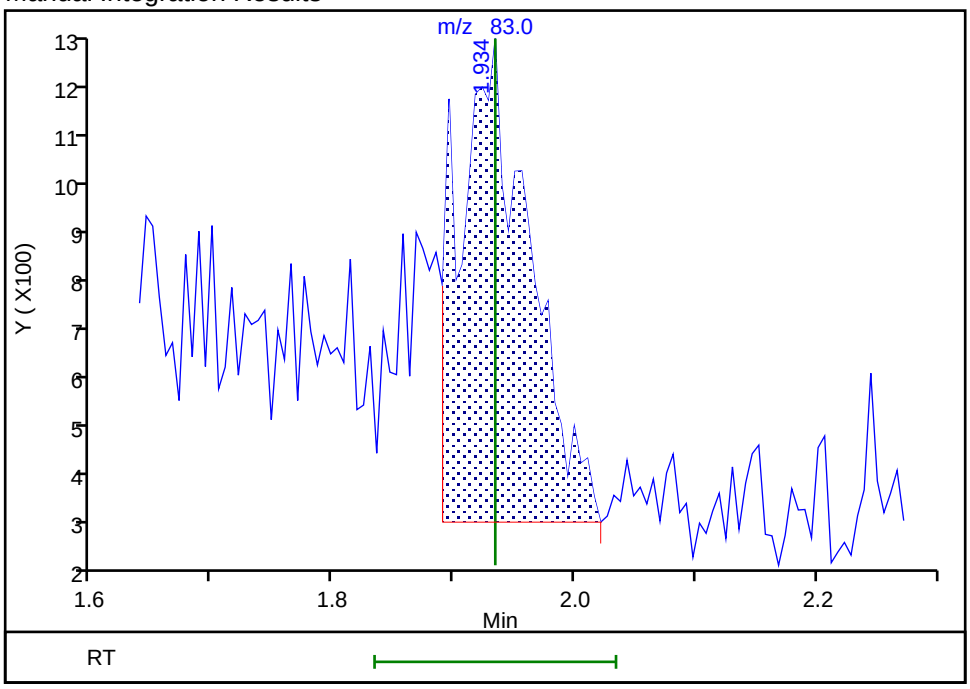
Not Detected
Expected RT: 1.93

Processing Integration Results



Manual Integration Results

RT: 1.93
Area: 3912
Amount: 0.877405
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:45:52
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

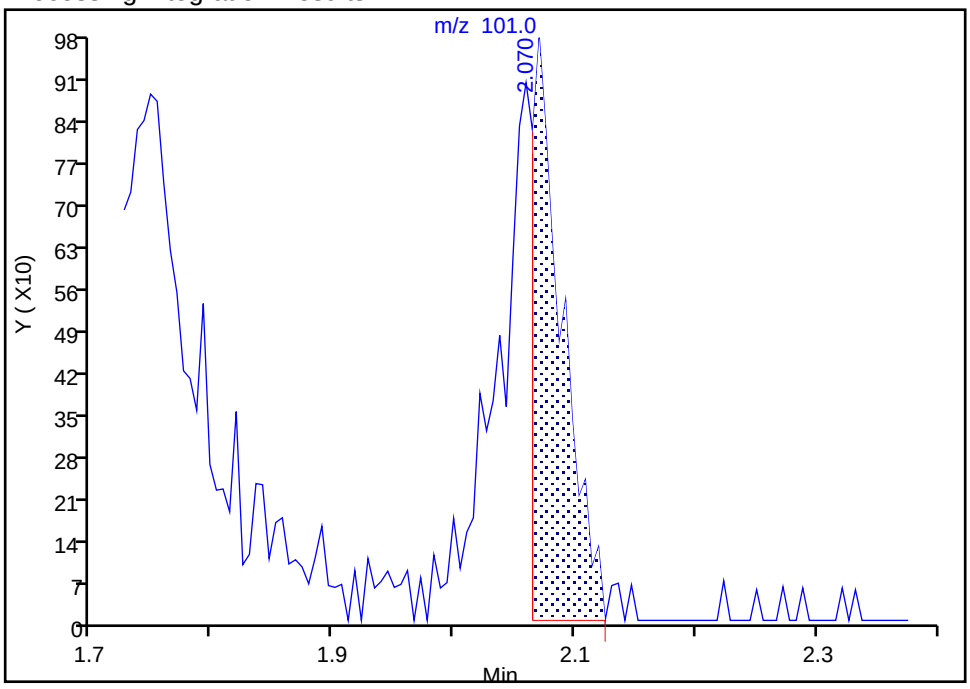
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

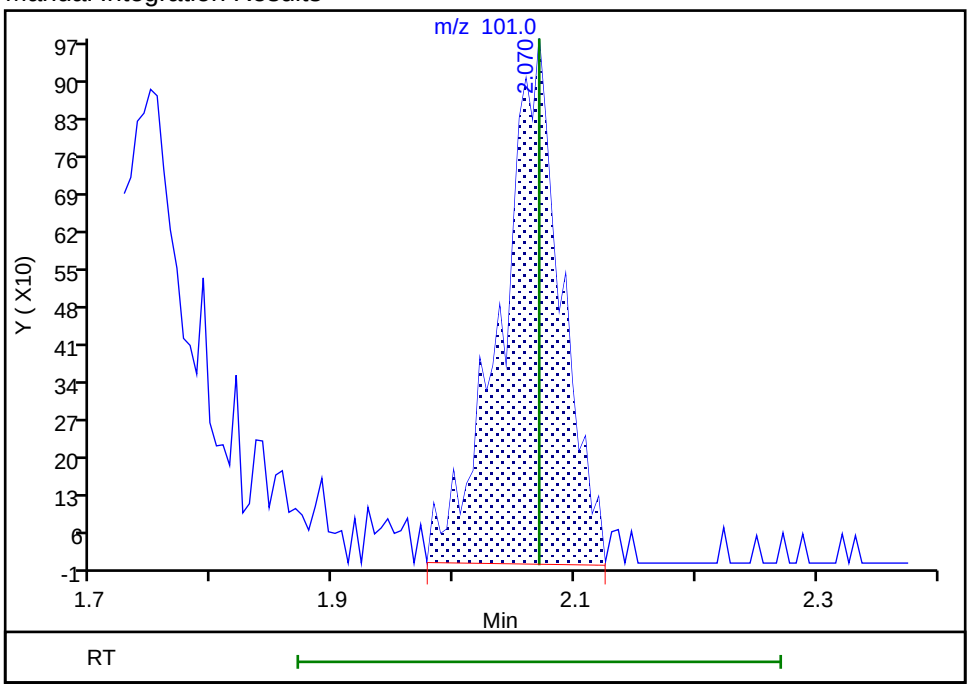
Processing Integration Results

RT: 2.07
Area: 1705
Amount: 0.453075
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 3360
Amount: 0.933600
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:46:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

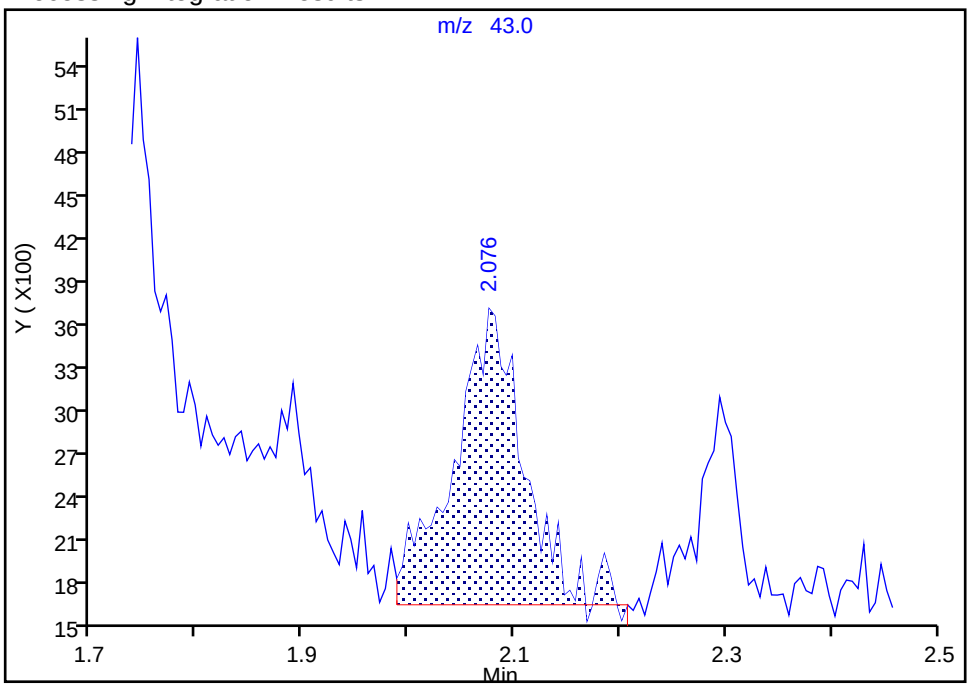
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

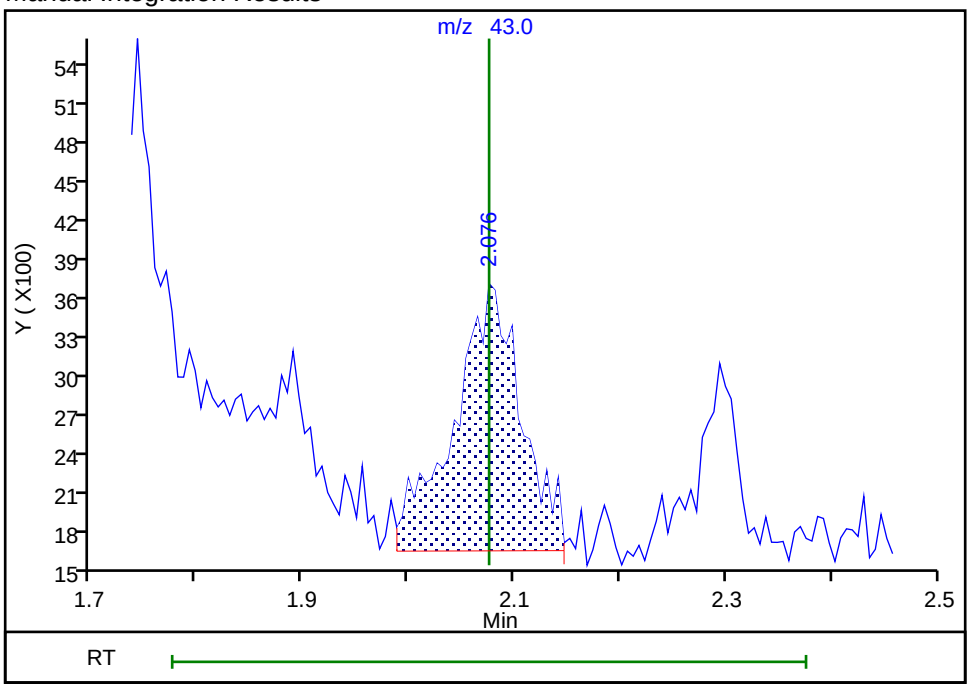
Processing Integration Results

RT: 2.08
Area: 9265
Amount: 8.368594
Amount Units: ug/l



Manual Integration Results

RT: 2.08
Area: 8918
Amount: 8.015048
Amount Units: ug/l



Reviewer: baronm, 25-May-2022 15:18:18
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

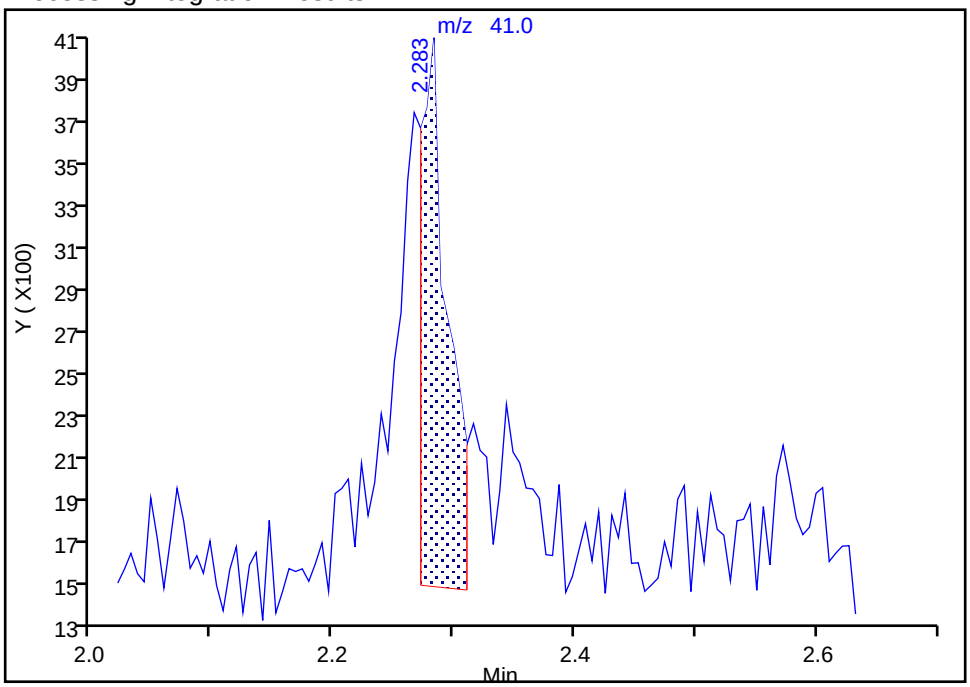
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

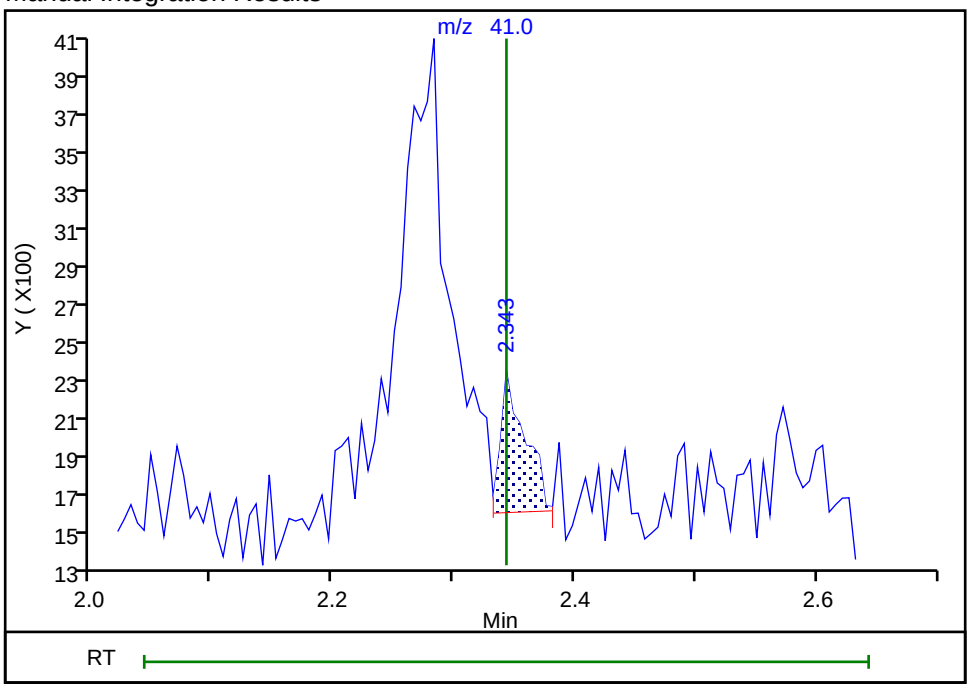
Processing Integration Results

RT: 2.28
Area: 3960
Amount: 20.617372
Amount Units: ug/l



Manual Integration Results

RT: 2.34
Area: 1011
Amount: 5.275490
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:27:29
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

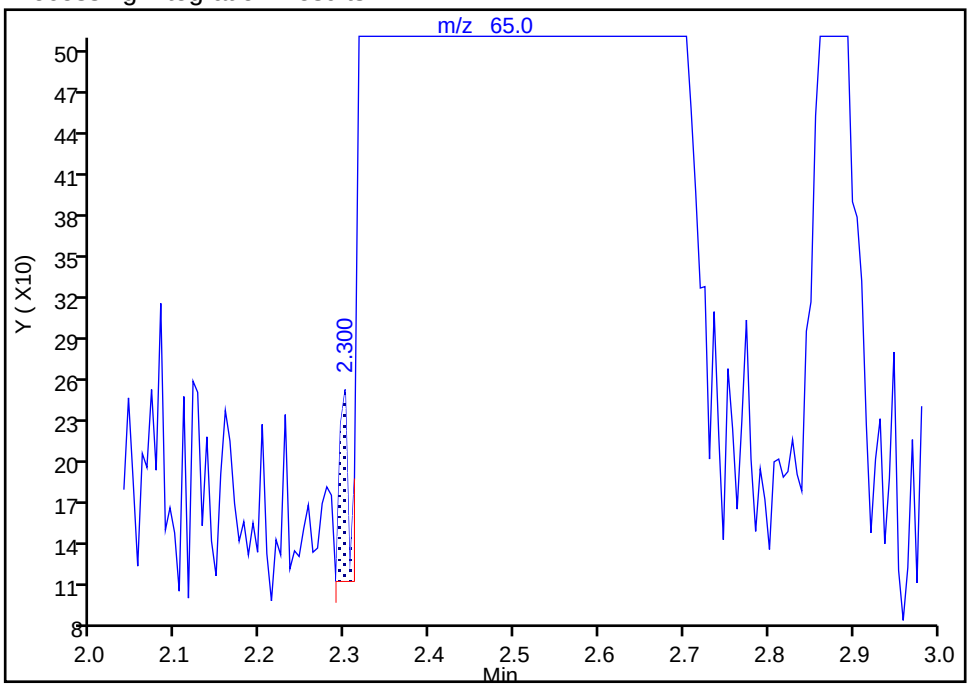
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

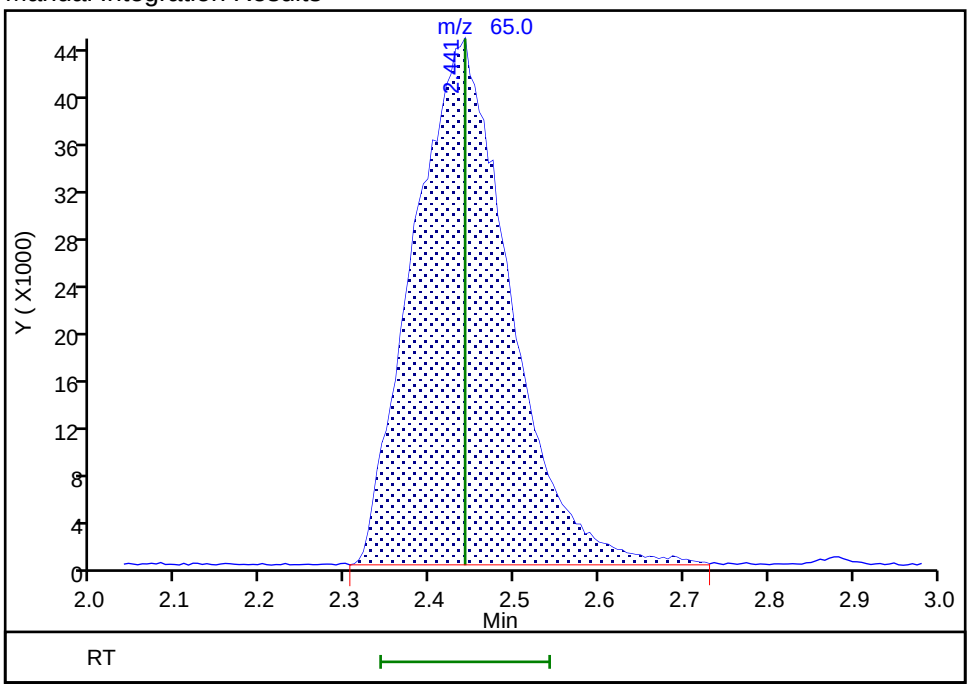
Processing Integration Results

RT: 2.30
Area: 108
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.44
Area: 353117
Amount: 1000.0000
Amount Units: ug/l



Reviewer: baronm, 25-May-2022 15:17:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

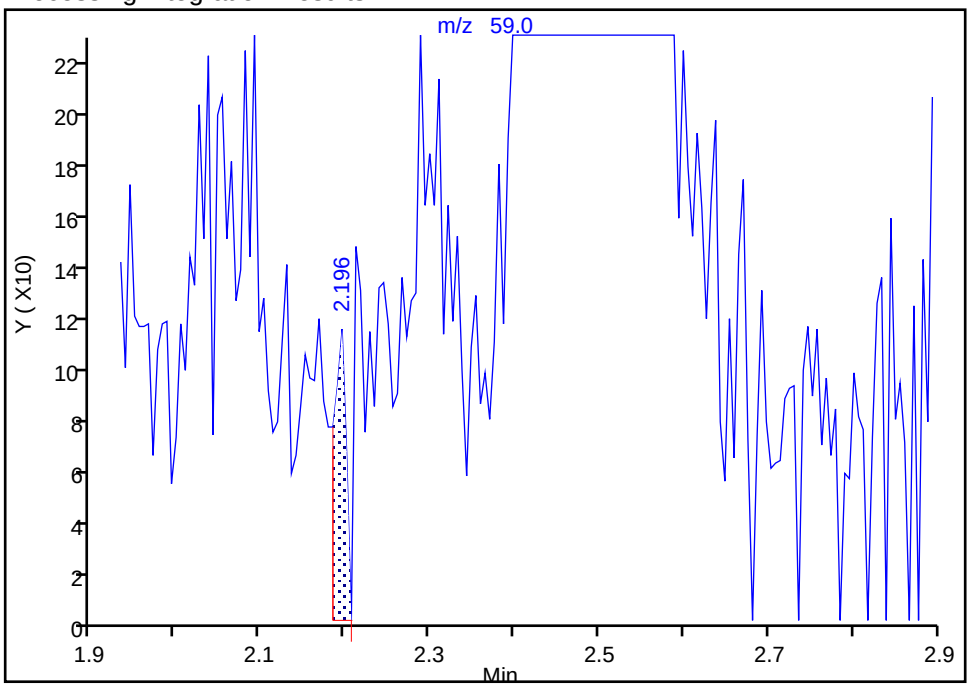
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

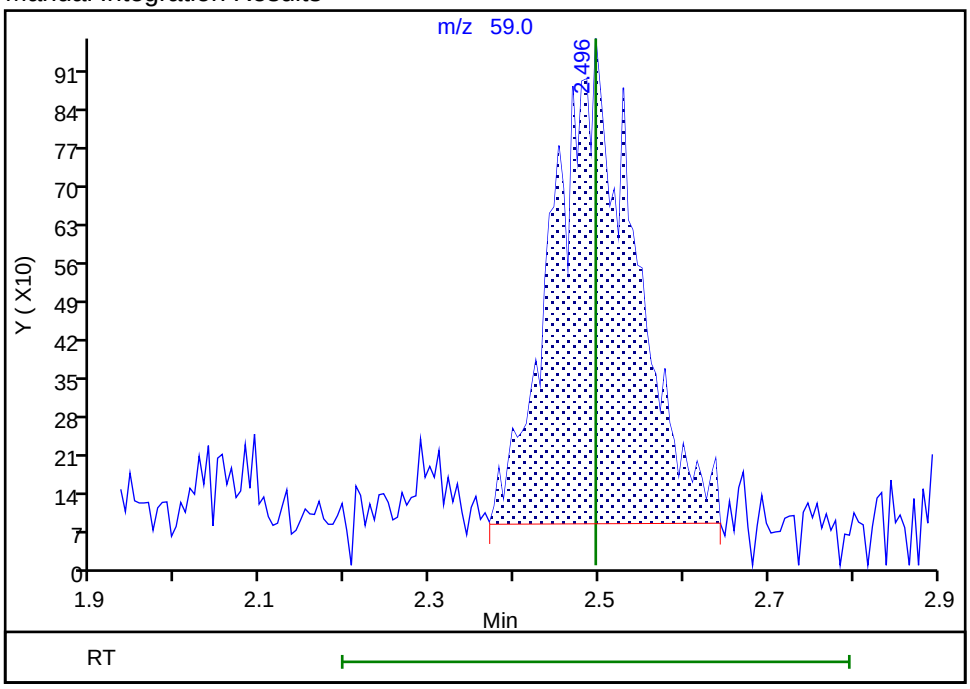
Processing Integration Results

RT: 2.20
Area: 112
Amount: 0.247998
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 5999
Amount: 10.912571
Amount Units: ug/l



Reviewer: baronm, 25-May-2022 15:17:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

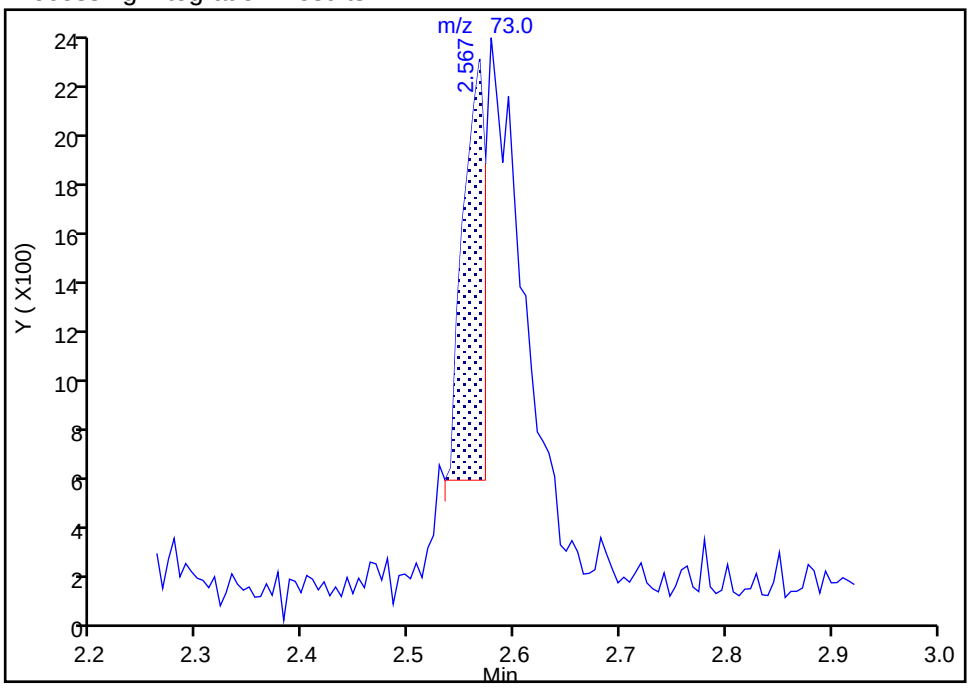
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

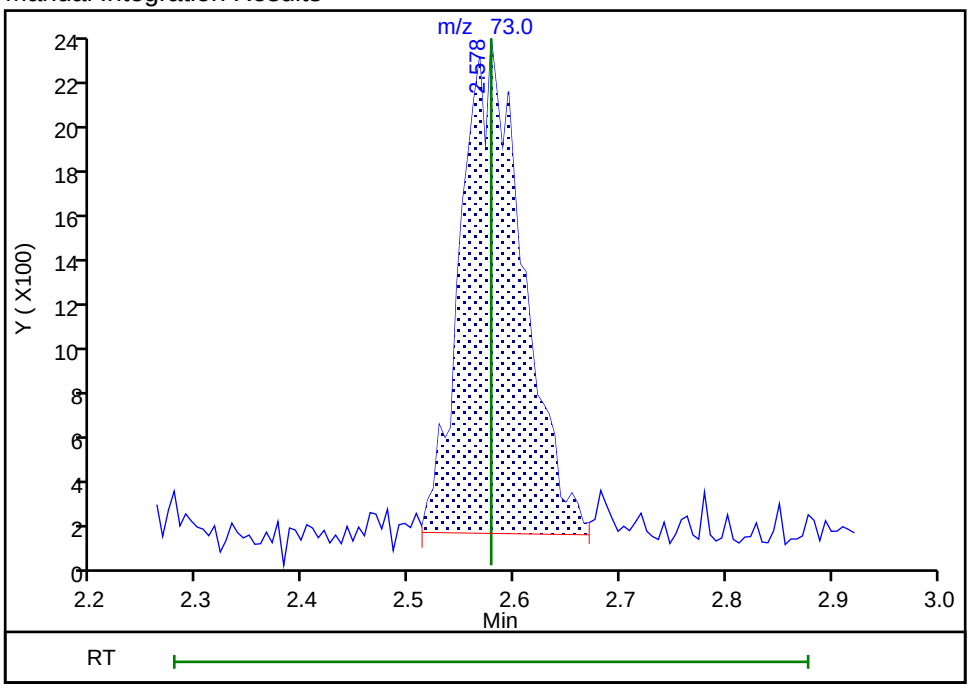
Processing Integration Results

RT: 2.57
Area: 2502
Amount: 0.271988
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 9101
Amount: 1.029562
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:48:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

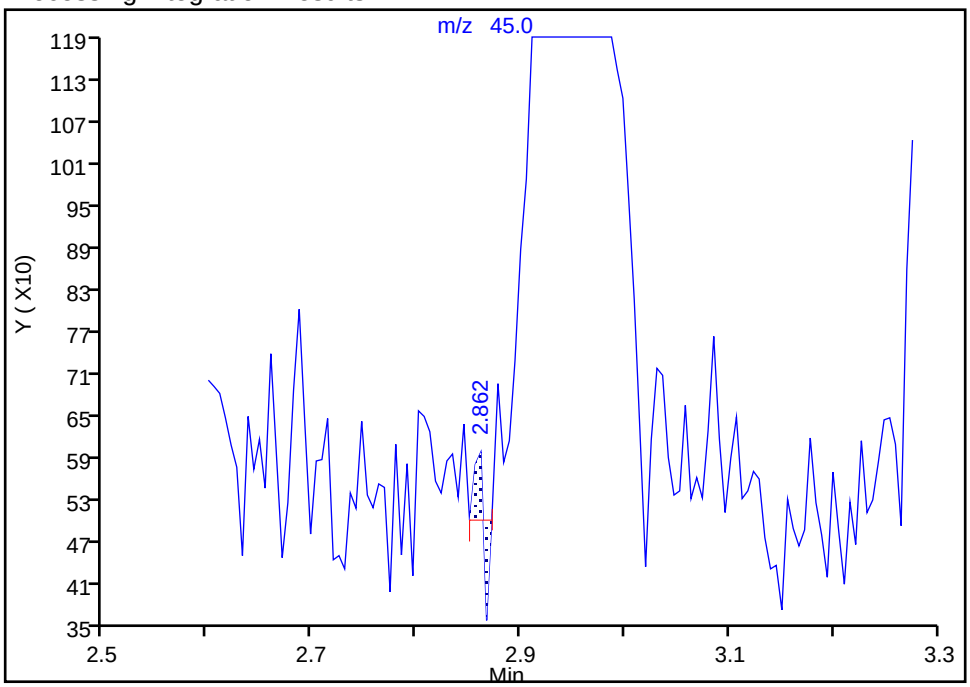
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Isopropyl ether, CAS: 108-20-3

Signal: 1

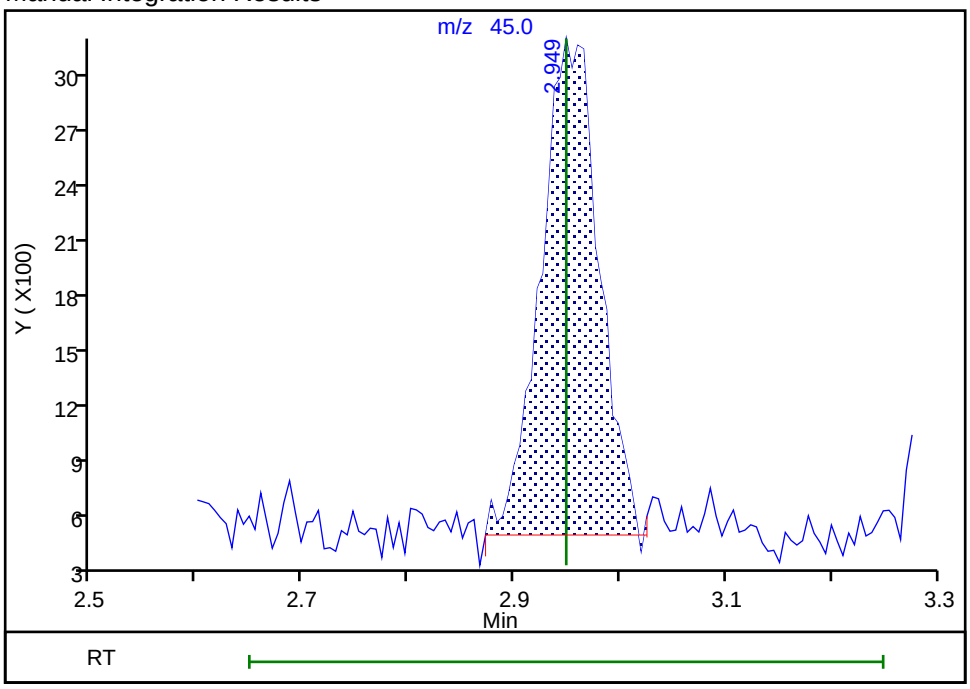
Processing Integration Results

RT: 2.86
Area: 16
Amount: 0.001782
Amount Units: ug/l



Manual Integration Results

RT: 2.95
Area: 10094
Amount: 1.117535
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:48:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

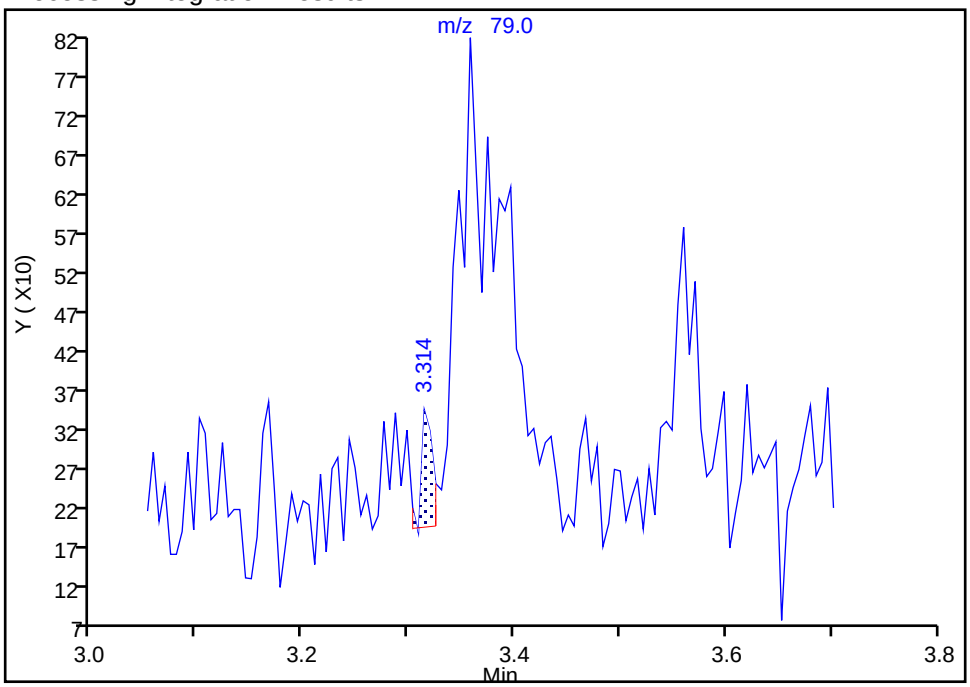
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

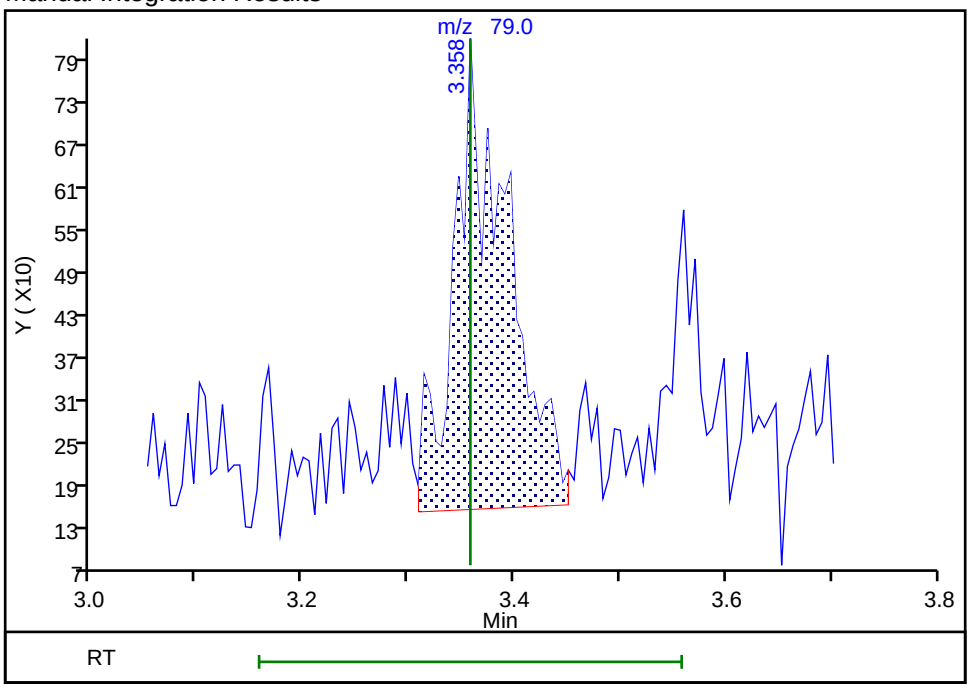
Processing Integration Results

RT: 3.31
Area: 113
Amount: 0.064046
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 2325
Amount: 1.282844
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:48:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

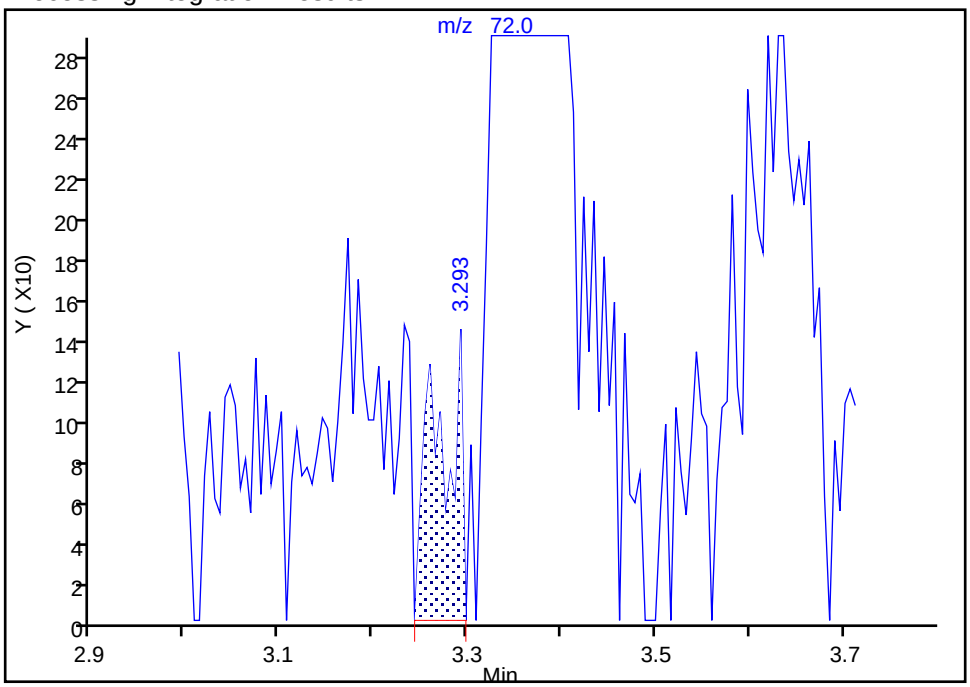
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

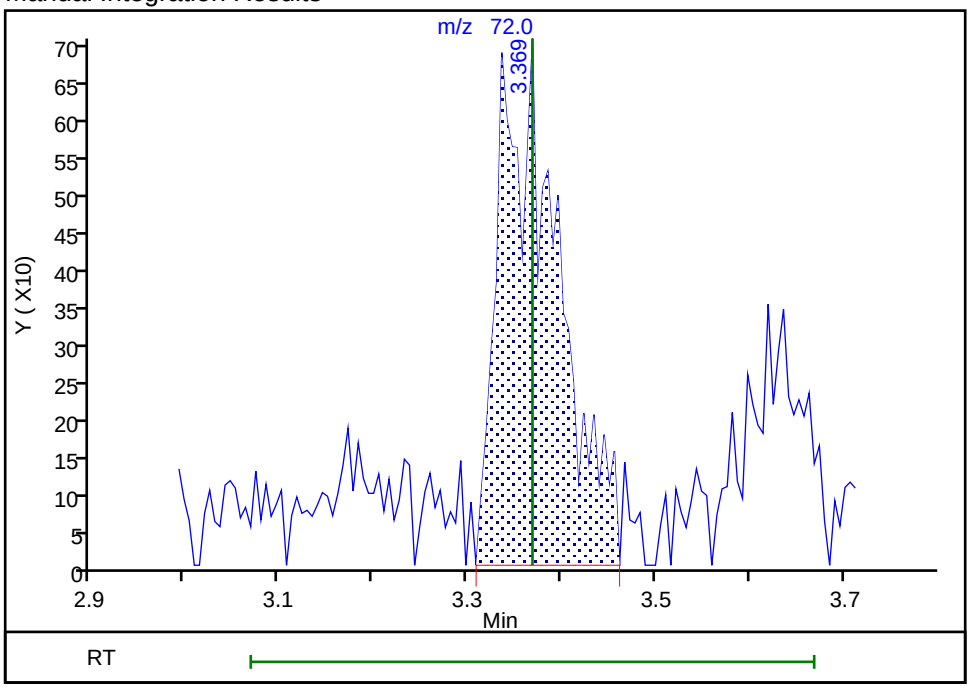
Processing Integration Results

RT: 3.29
Area: 254
Amount: 0.713101
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 3096
Amount: 4.995997
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:48:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

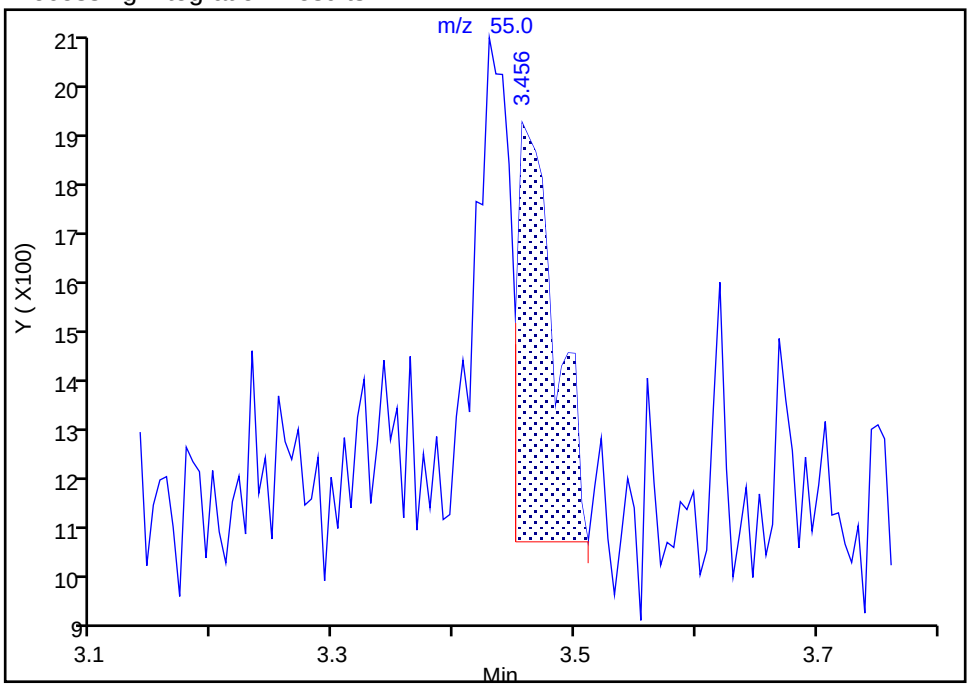
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

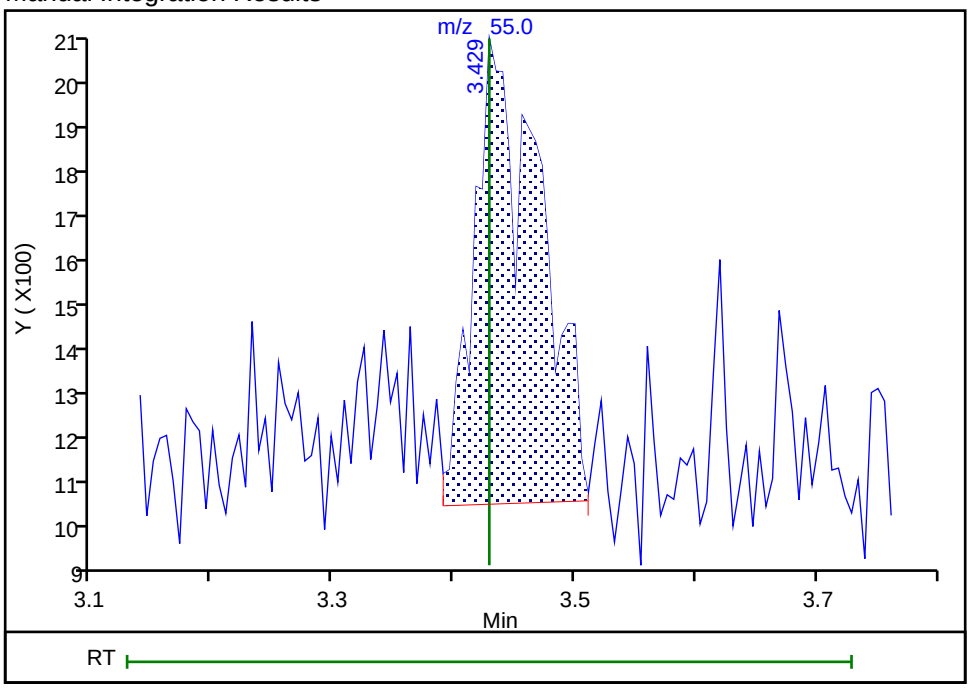
Processing Integration Results

RT: 3.46
Area: 1637
Amount: 0.653906
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 3525
Amount: 1.250850
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:49:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

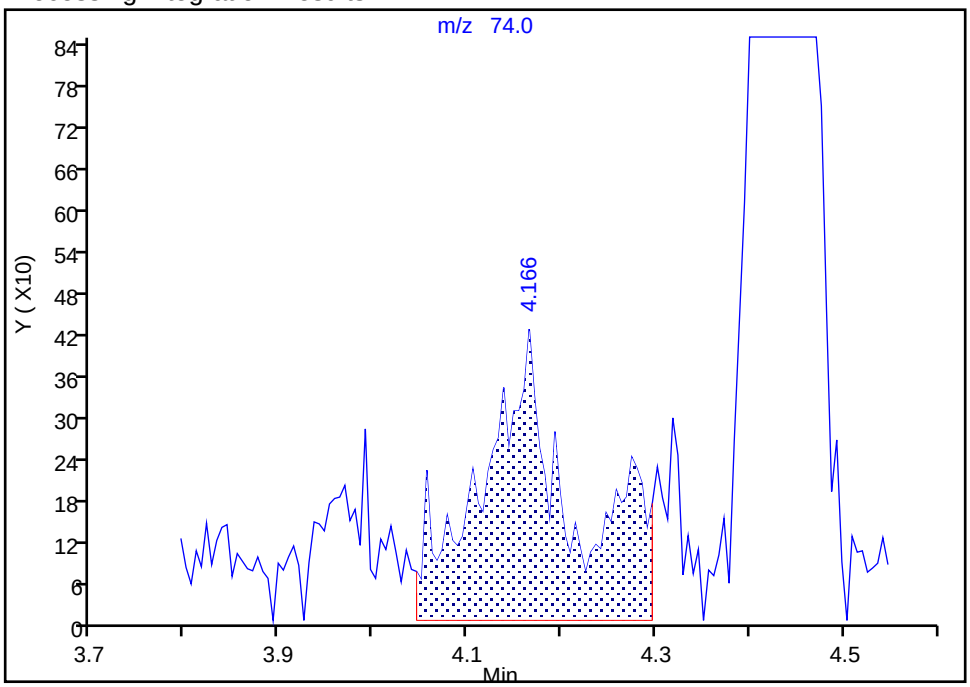
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

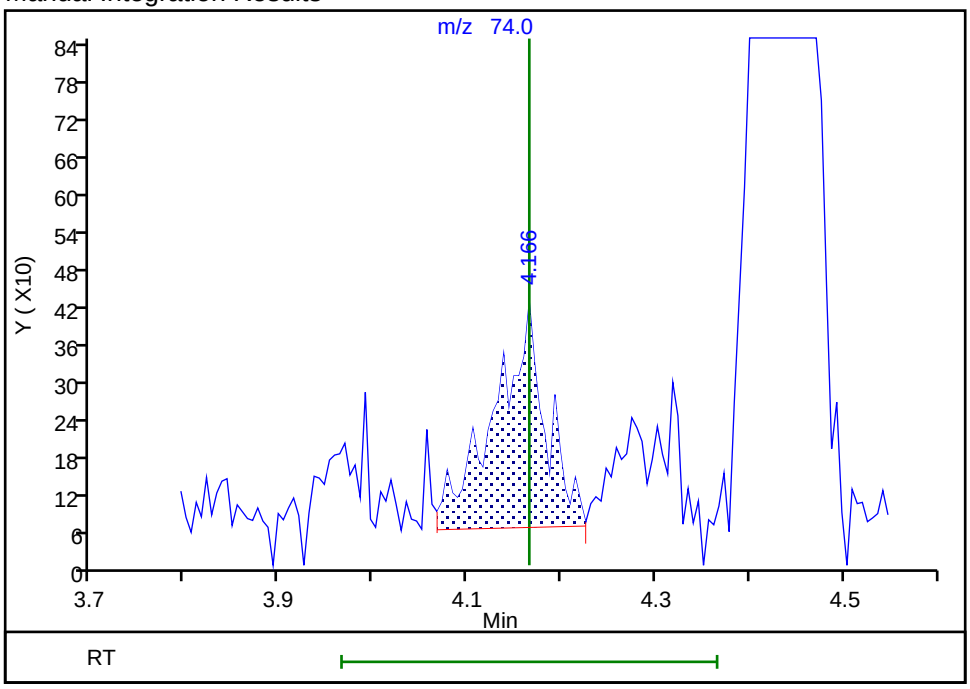
Processing Integration Results

RT: 4.17
Area: 2801
Amount: 62.161268
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 1376
Amount: 27.893973
Amount Units: ug/l



Reviewer: baronm, 25-May-2022 15:23:22
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

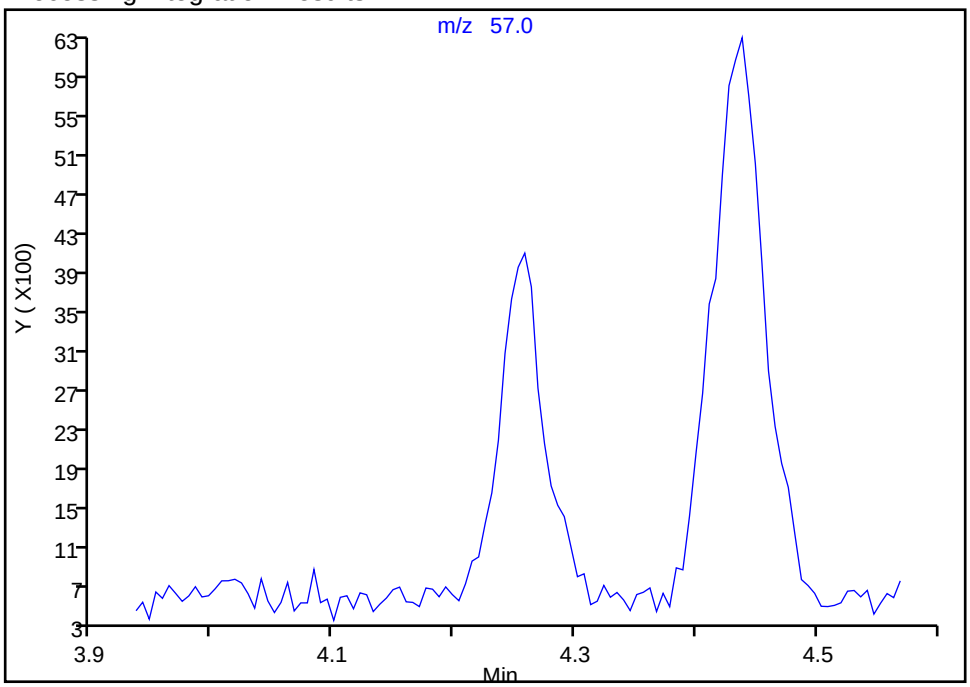
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

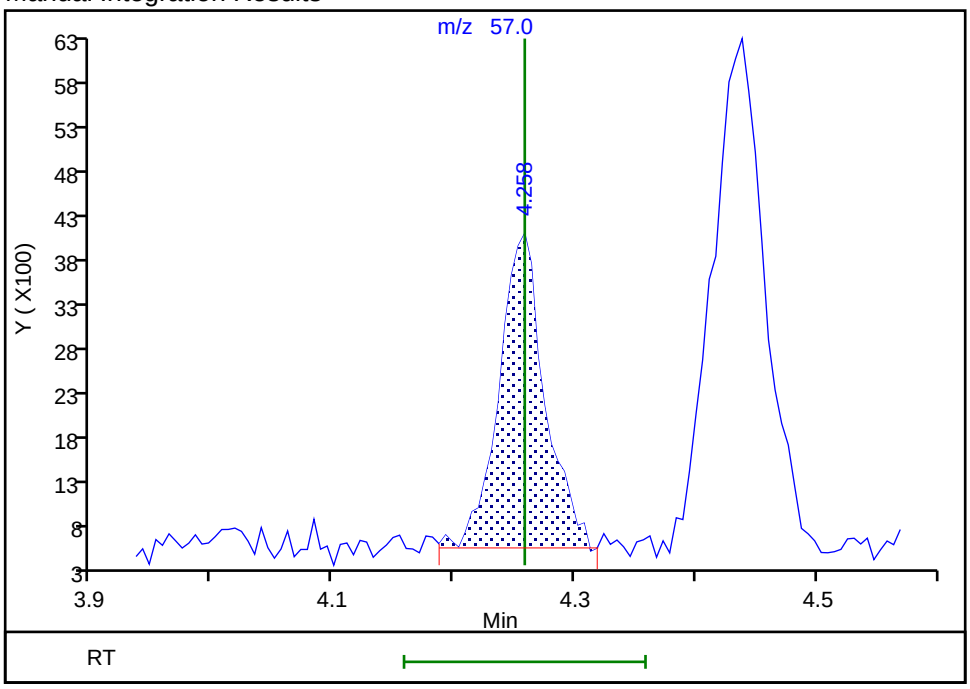
Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 9203
Amount: 0.837329
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:49:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

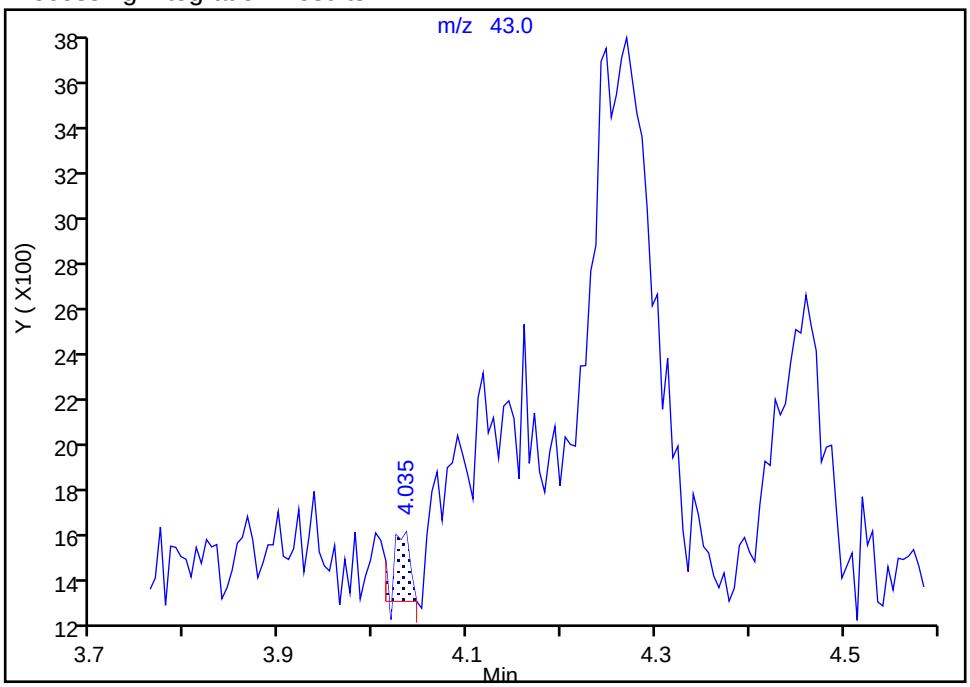
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Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

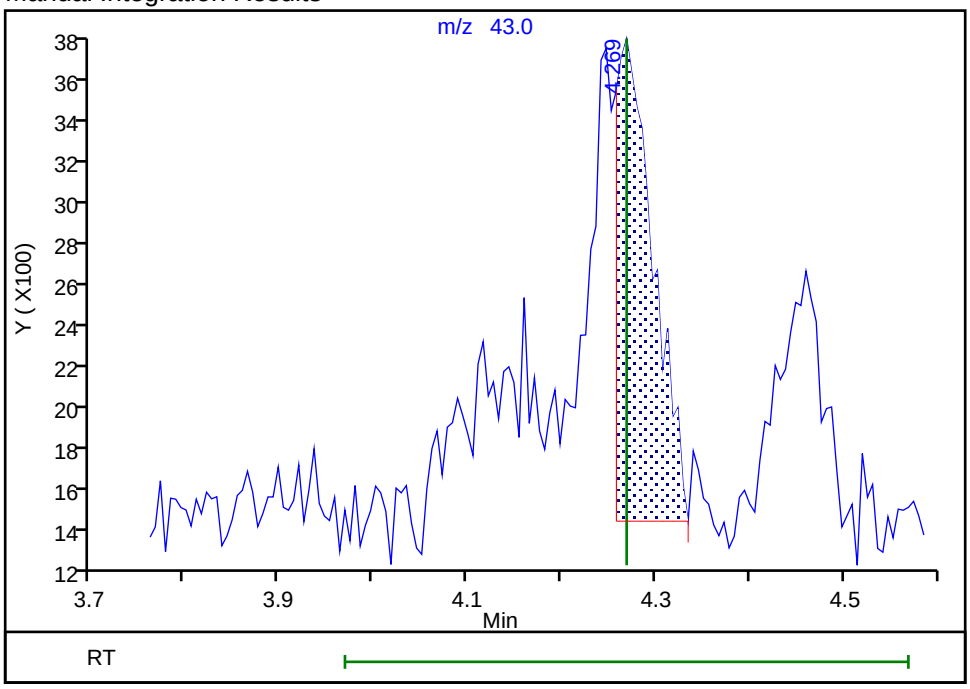
Processing Integration Results

RT: 4.03
Area: 353
Amount: 0.061263
Amount Units: ug/l



Manual Integration Results

RT: 4.27
Area: 6399
Amount: 1.237027
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:28:11
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

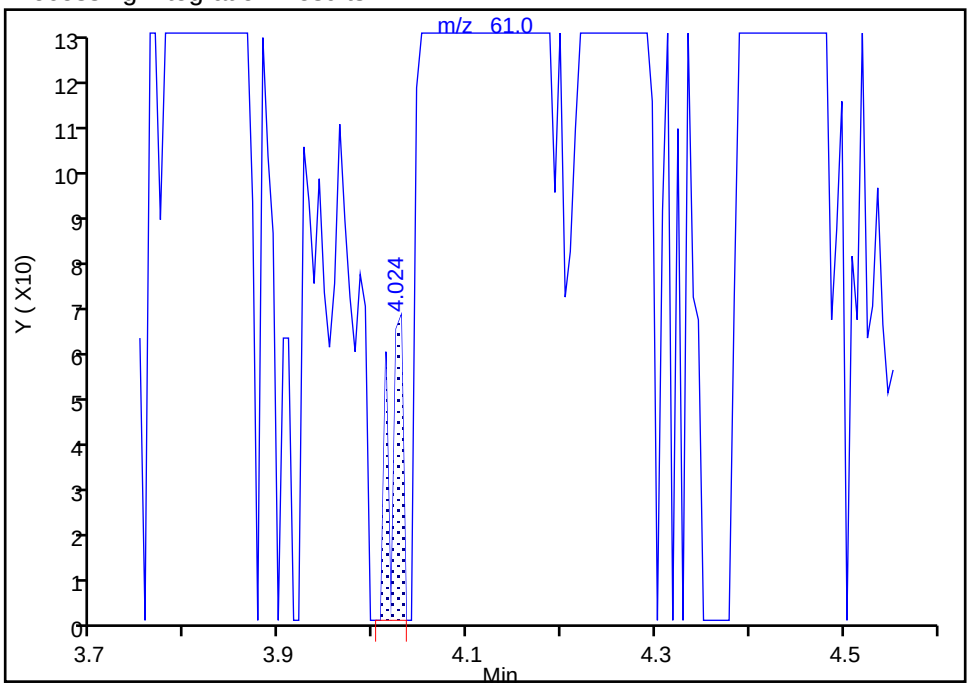
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 2

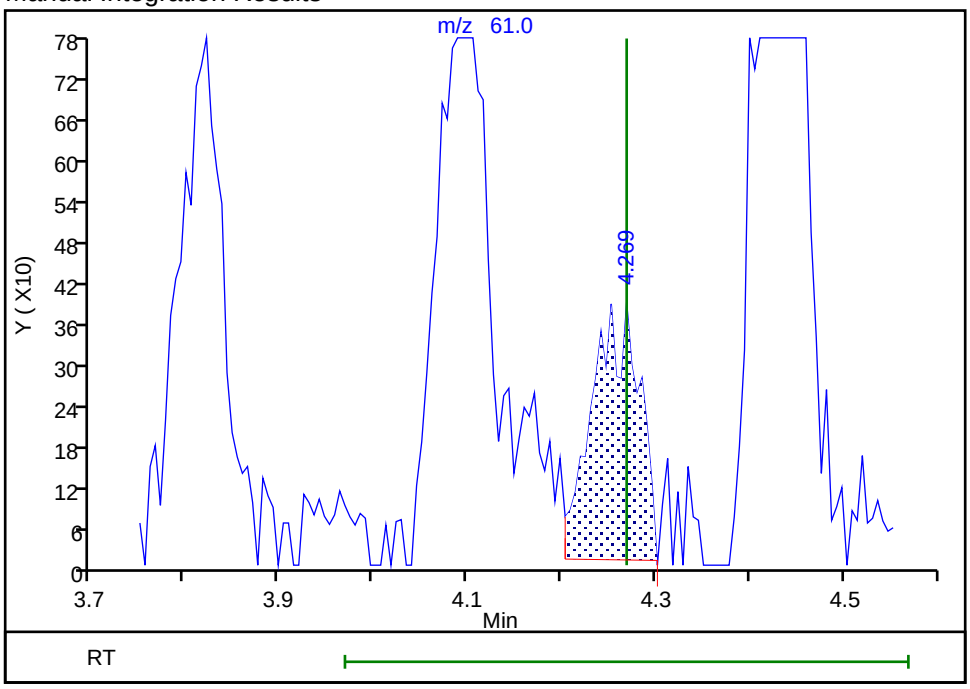
Processing Integration Results

RT: 4.02
Area: 62
Amount: 0.061263
Amount Units: ug/l



Manual Integration Results

RT: 4.27
Area: 1316
Amount: 1.237027
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:28:24
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

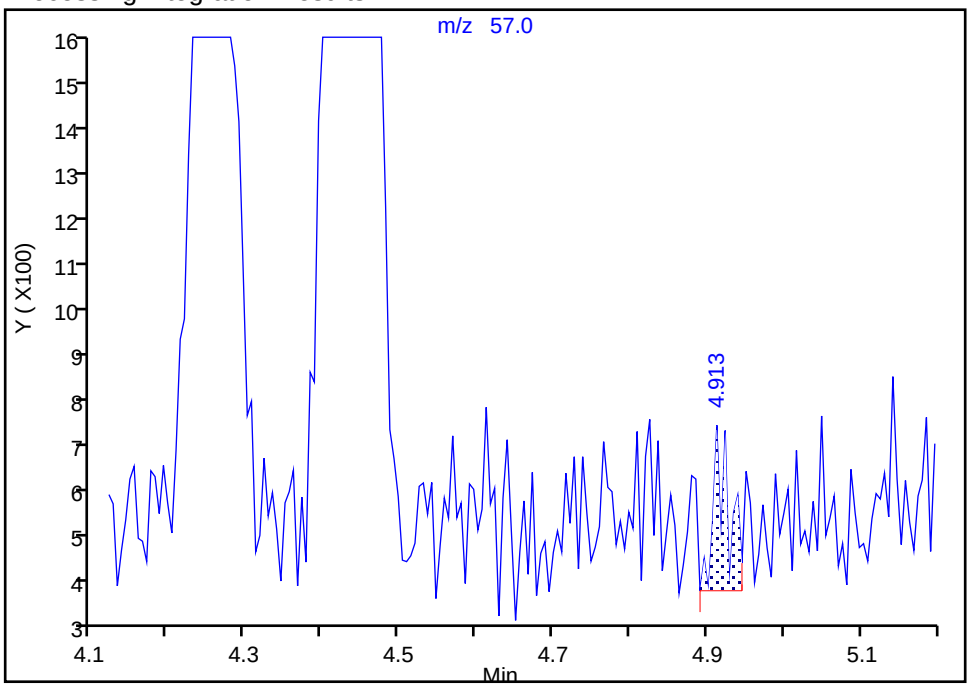
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

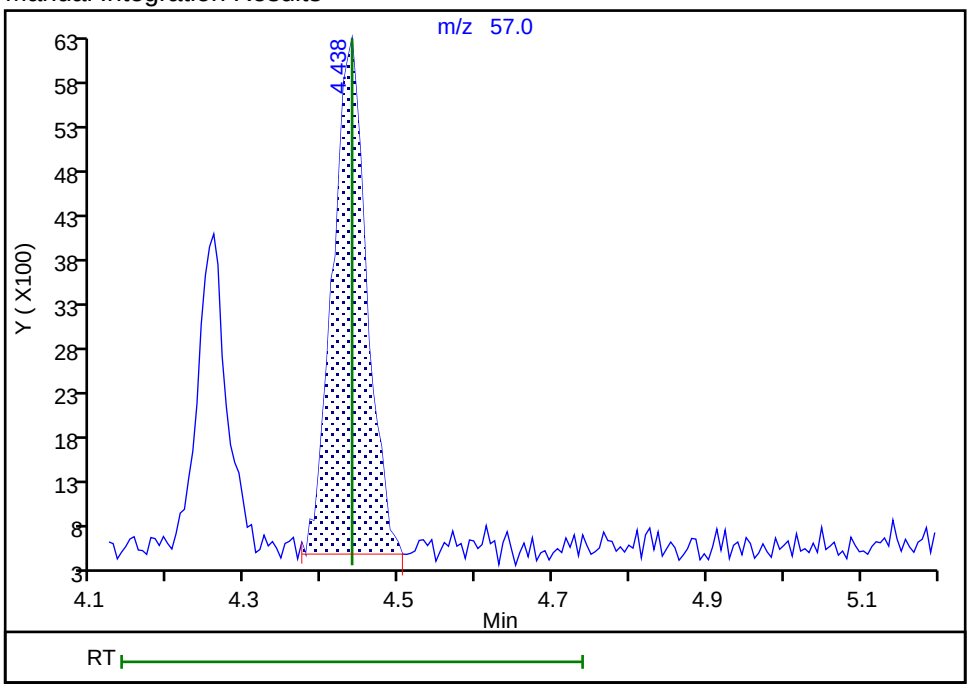
Processing Integration Results

RT: 4.91
Area: 464
Amount: 0.176779
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 17631
Amount: 1.302103
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:28:37
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

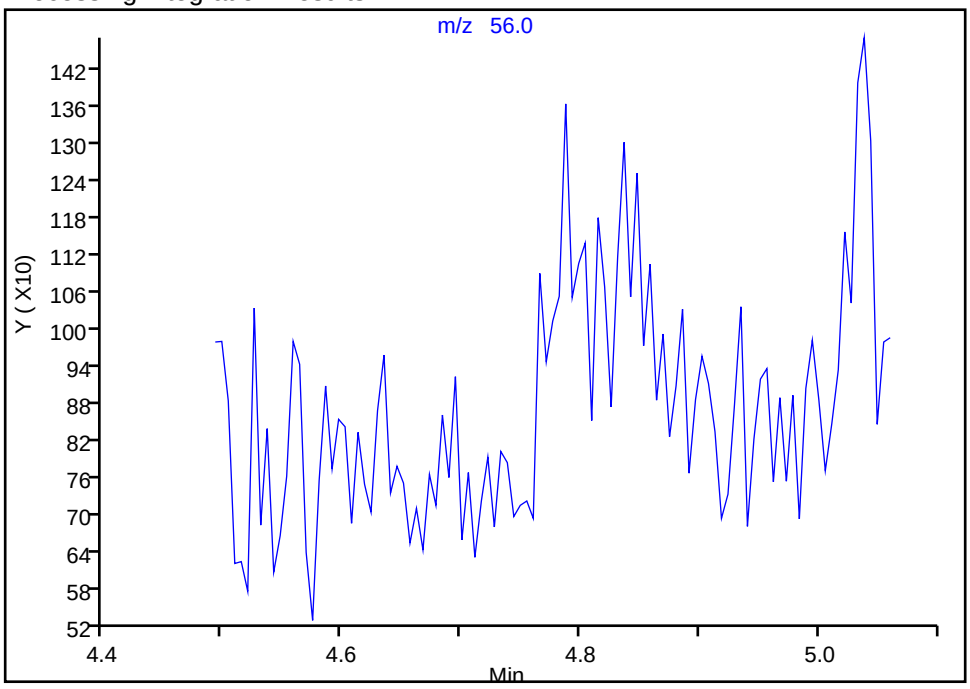
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

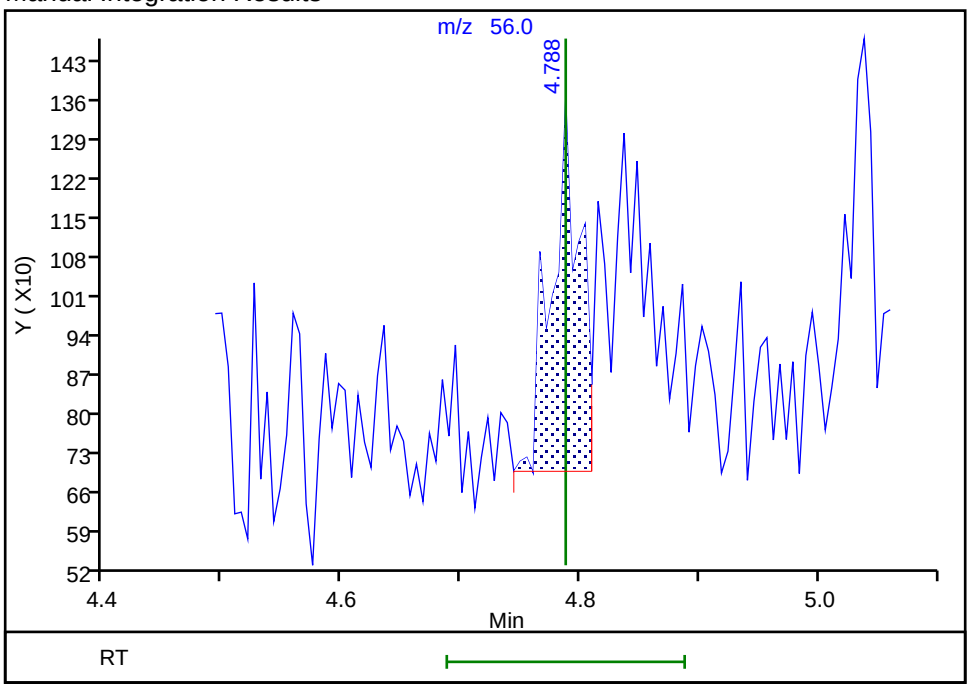
Not Detected
Expected RT: 4.79

Processing Integration Results



Manual Integration Results

RT: 4.79
Area: 1107
Amount: 11.791527
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:49:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

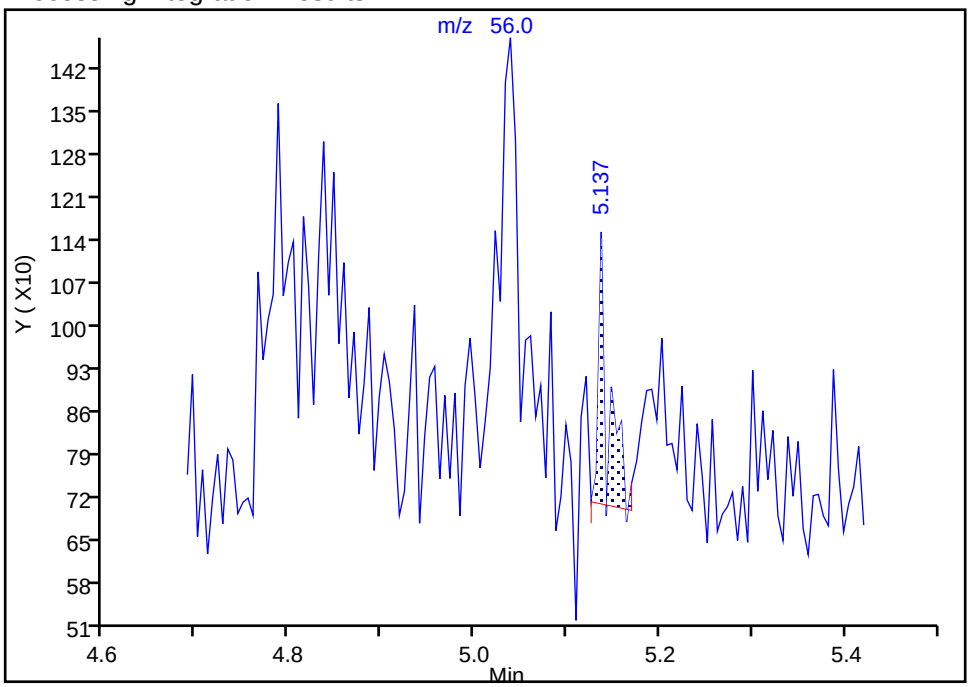
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

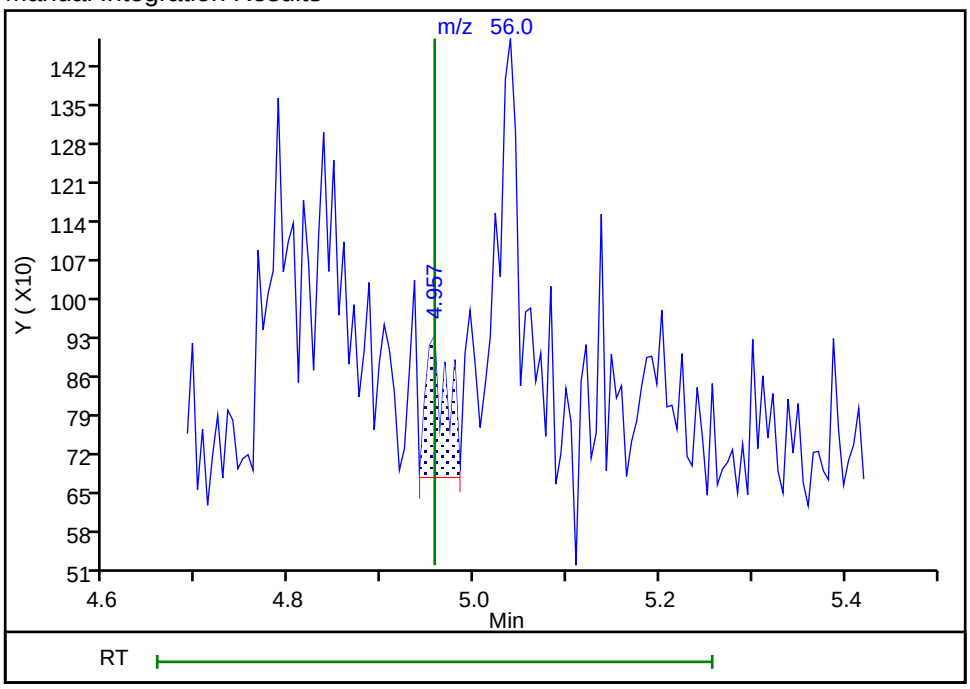
Processing Integration Results

RT: 5.14
Area: 310
Amount: 0.329288
Amount Units: ug/l



Manual Integration Results

RT: 4.96
Area: 396
Amount: 1.231911
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:10:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

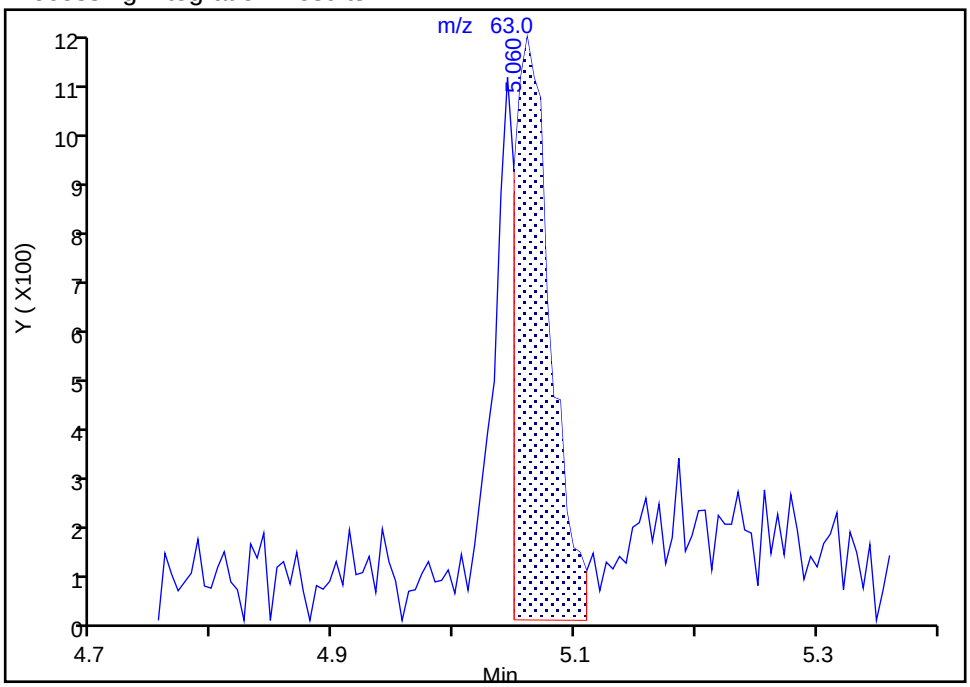
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

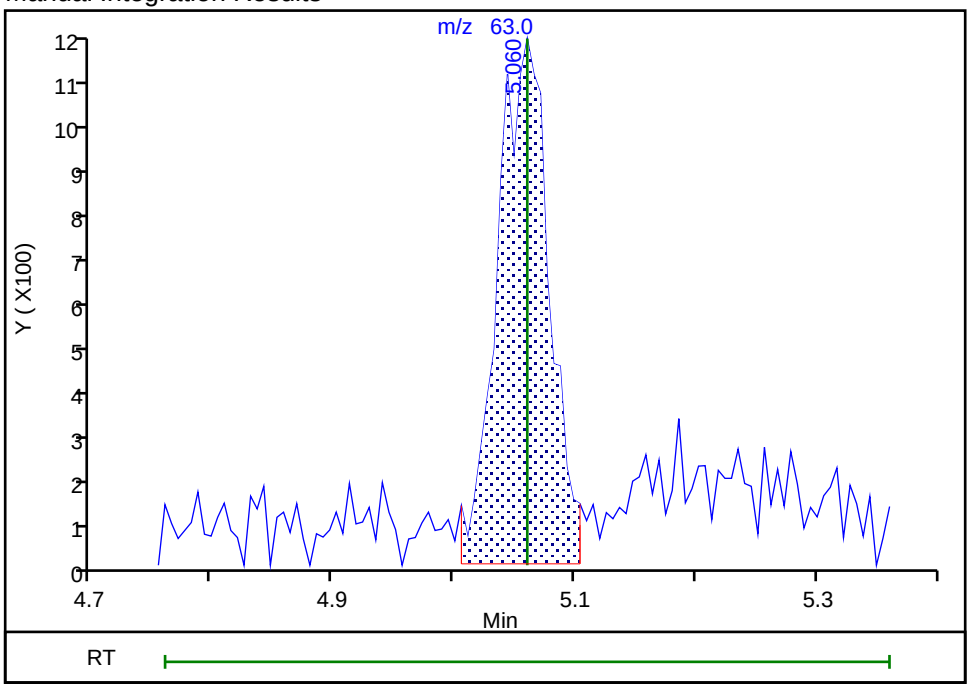
Processing Integration Results

RT: 5.06
Area: 2332
Amount: 0.840624
Amount Units: ug/l



Manual Integration Results

RT: 5.06
Area: 3355
Amount: 1.139362
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:50:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

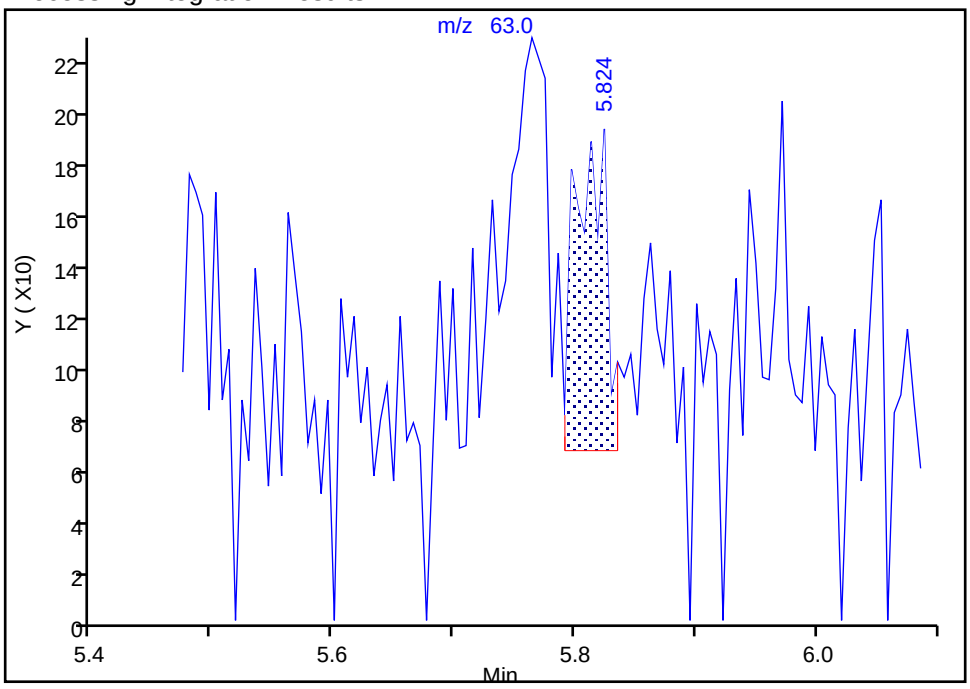
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

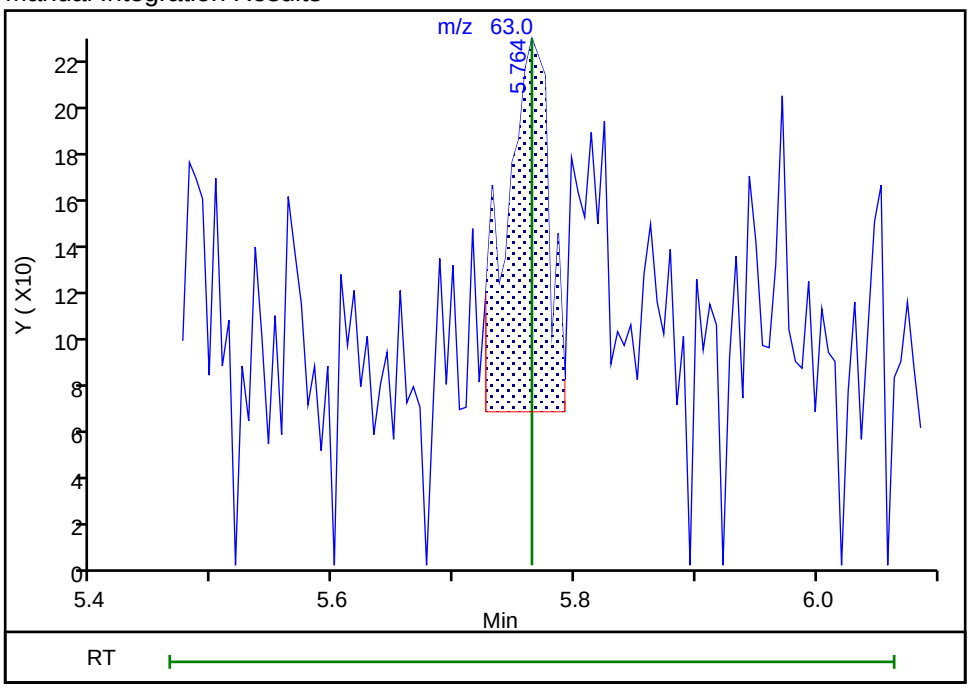
Processing Integration Results

RT: 5.82
Area: 227
Amount: 0.448722
Amount Units: ug/l



Manual Integration Results

RT: 5.76
Area: 405
Amount: 1.070304
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:29:17
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

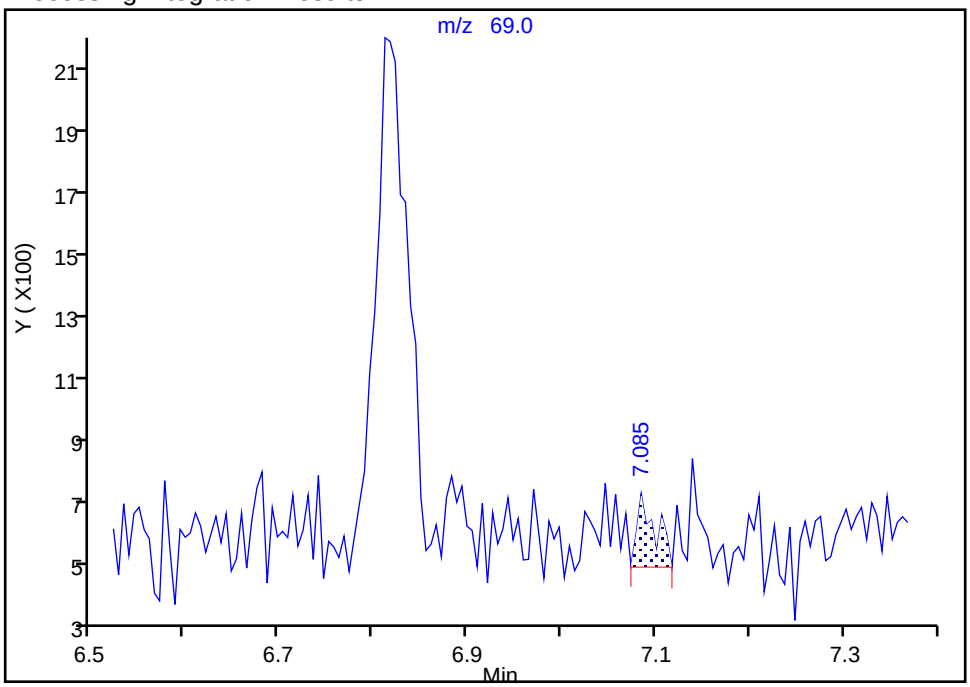
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

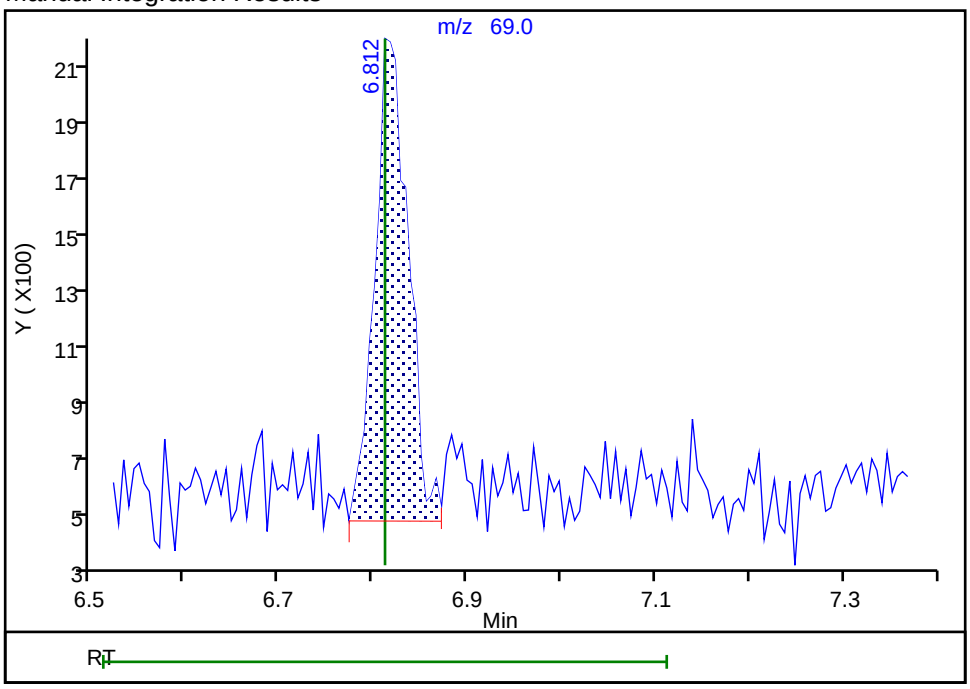
Processing Integration Results

RT: 7.08
Area: 299
Amount: 0.085882
Amount Units: ug/l



Manual Integration Results

RT: 6.81
Area: 4044
Amount: 1.146692
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:50:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

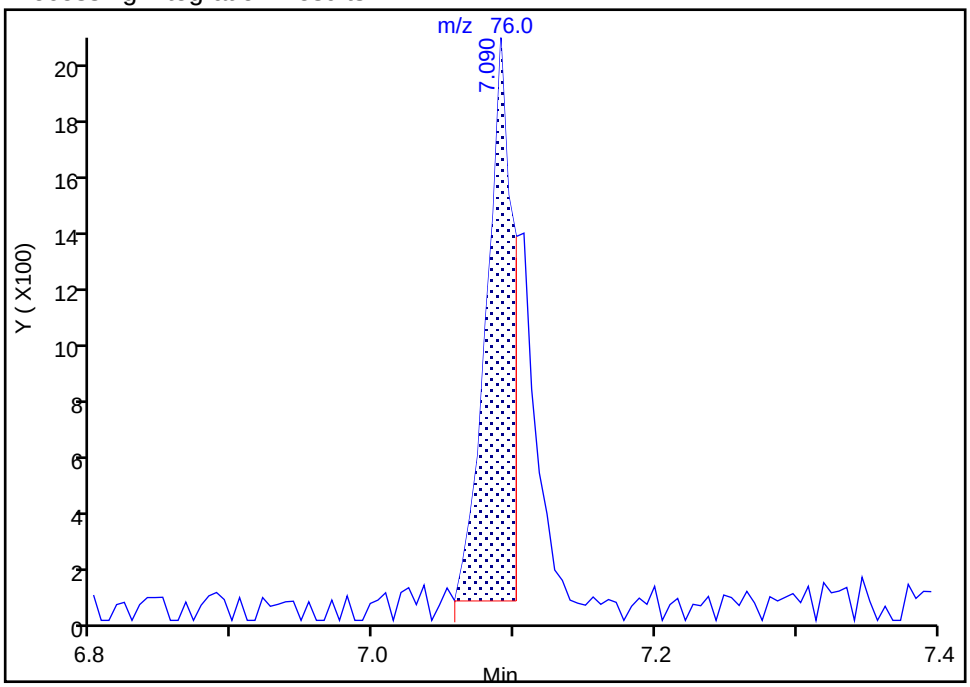
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

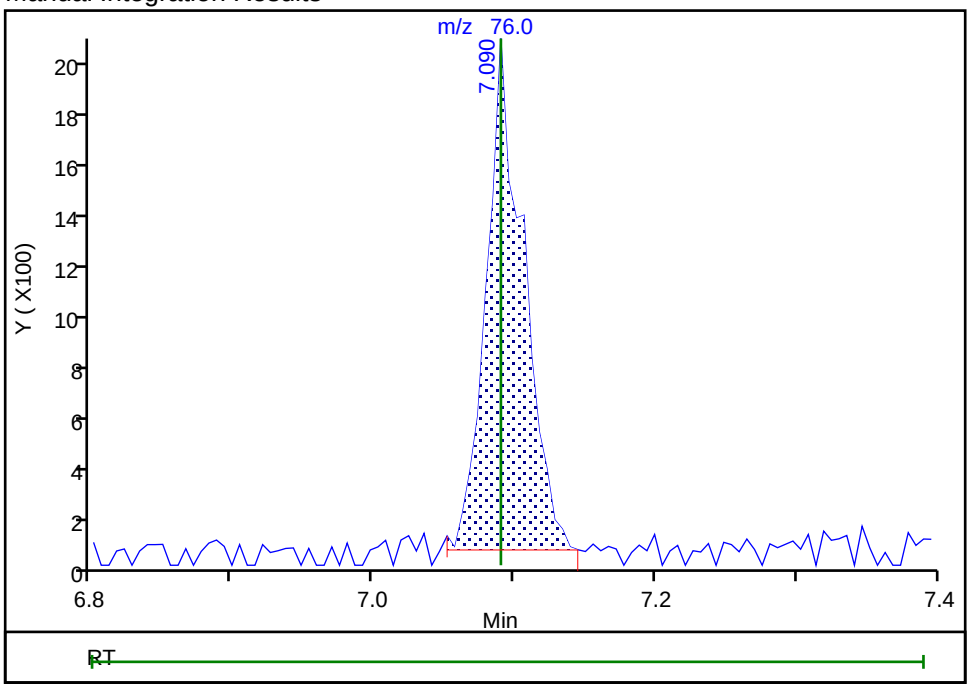
Processing Integration Results

RT: 7.09
Area: 2642
Amount: 0.742535
Amount Units: ug/l



Manual Integration Results

RT: 7.09
Area: 3692
Amount: 0.988996
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:51:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

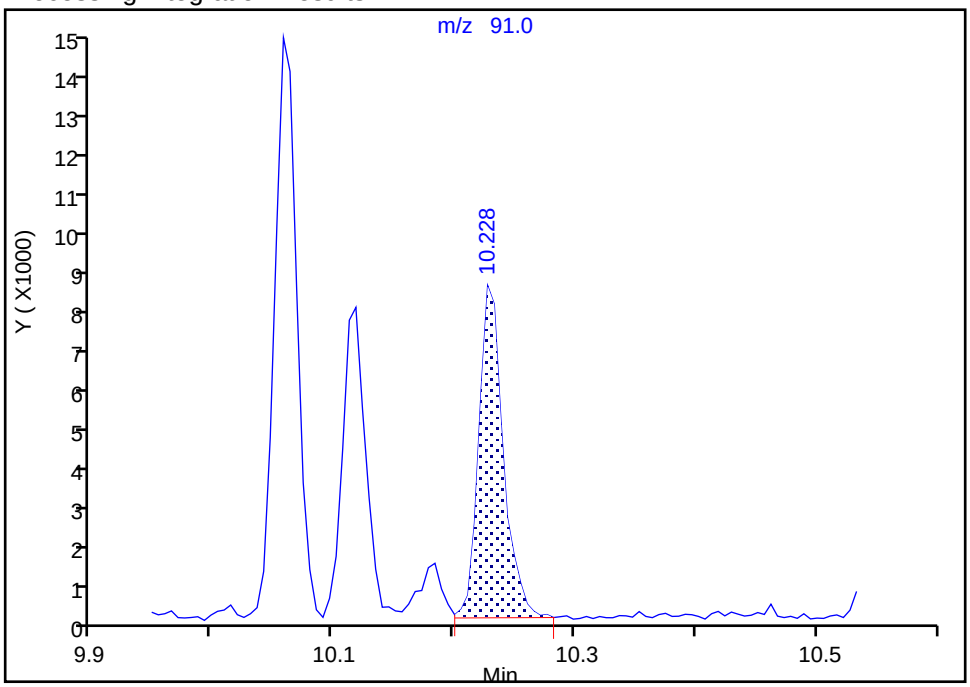
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

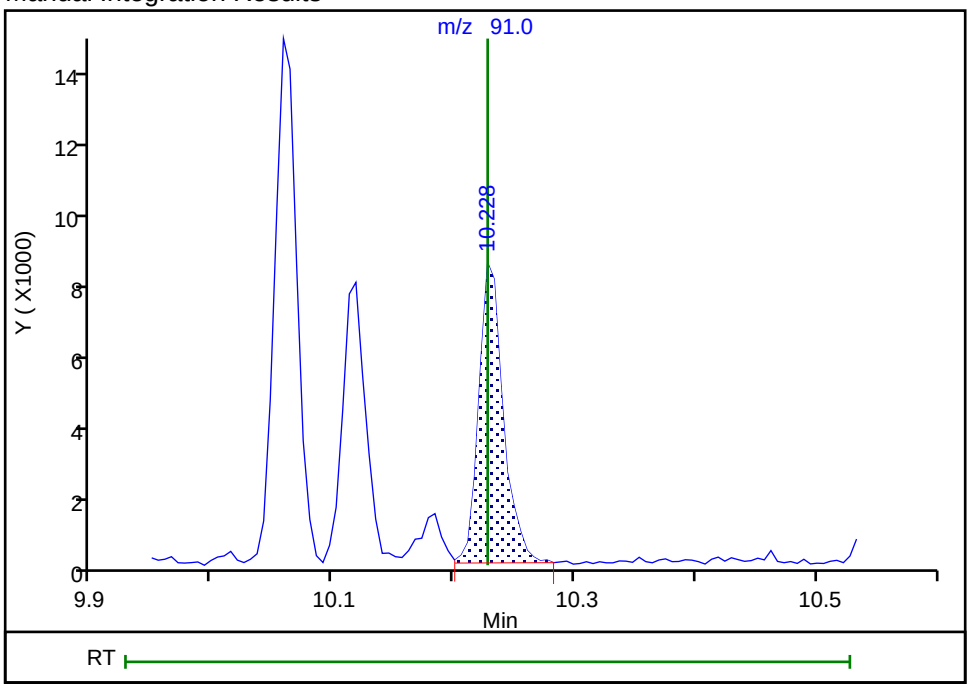
Processing Integration Results

RT: 10.23
Area: 11640
Amount: 0.954494
Amount Units: ug/l



Manual Integration Results

RT: 10.23
Area: 11640
Amount: 0.954494
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:54:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

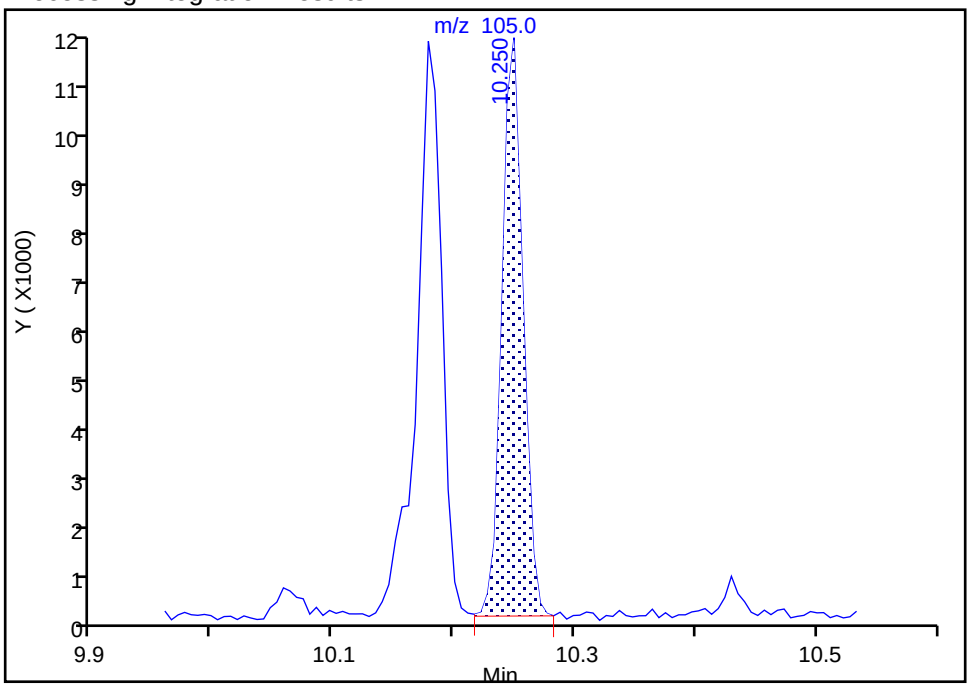
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

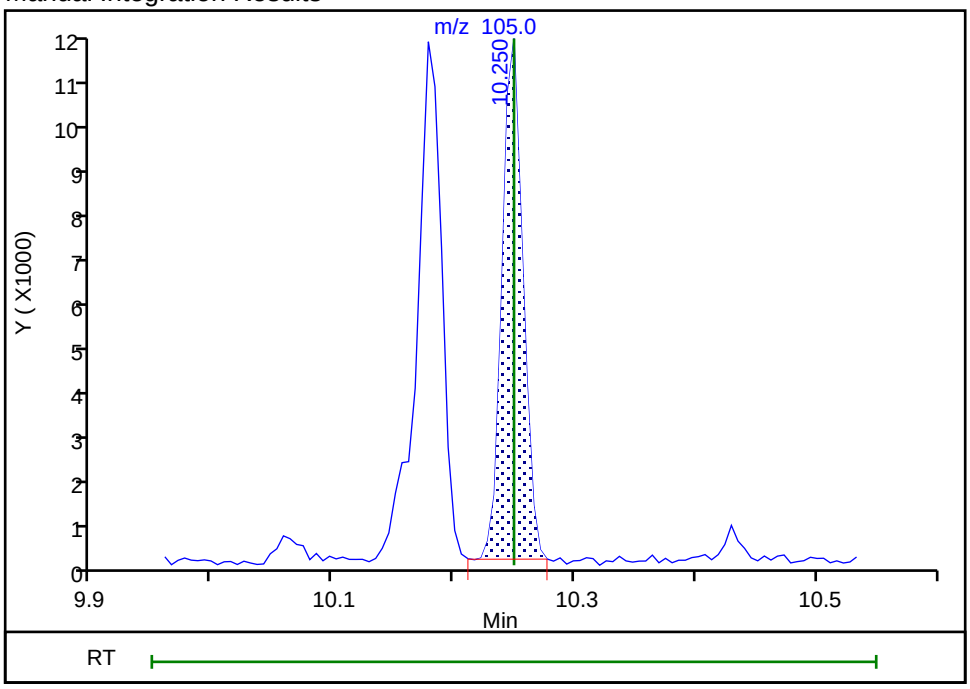
Processing Integration Results

RT: 10.25
Area: 14106
Amount: 0.946968
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 13920
Amount: 0.936431
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:44:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

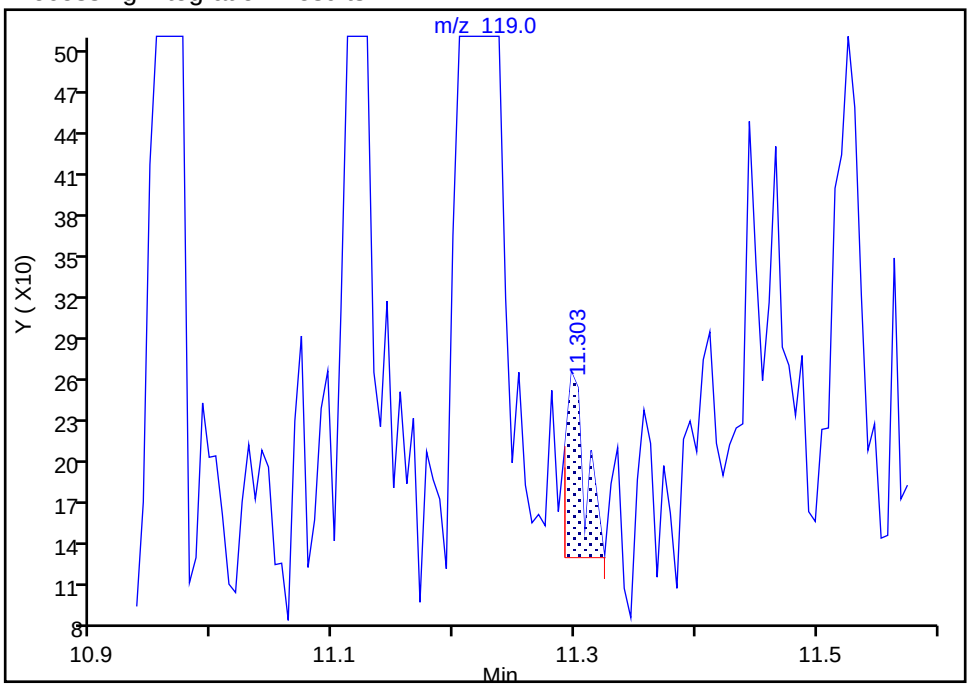
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

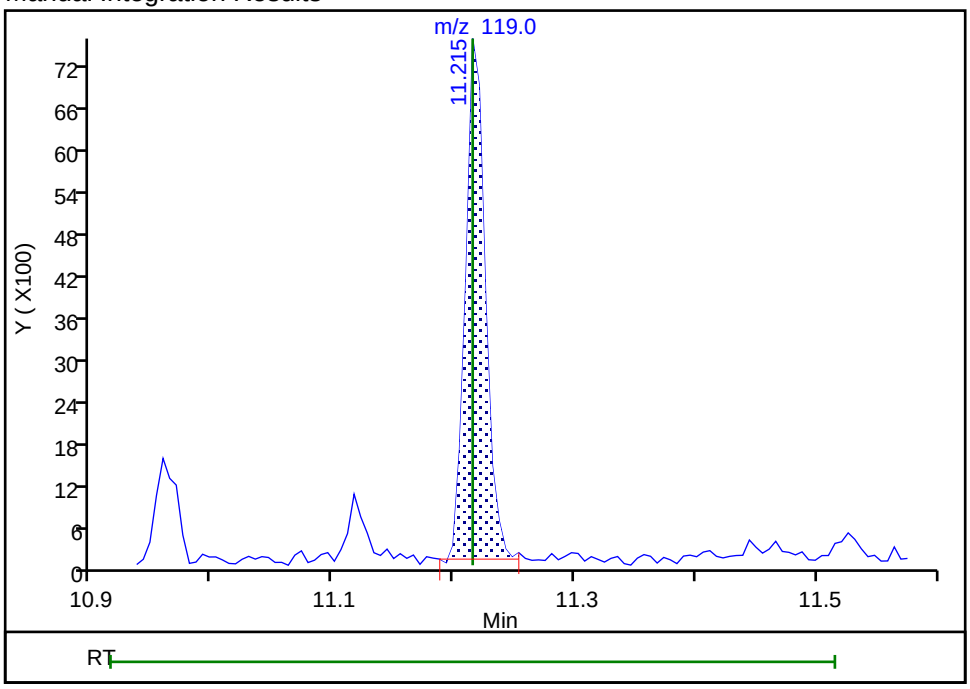
Processing Integration Results

RT: 11.30
Area: 152
Amount: 0.016307
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 8395
Amount: 0.967137
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:52:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

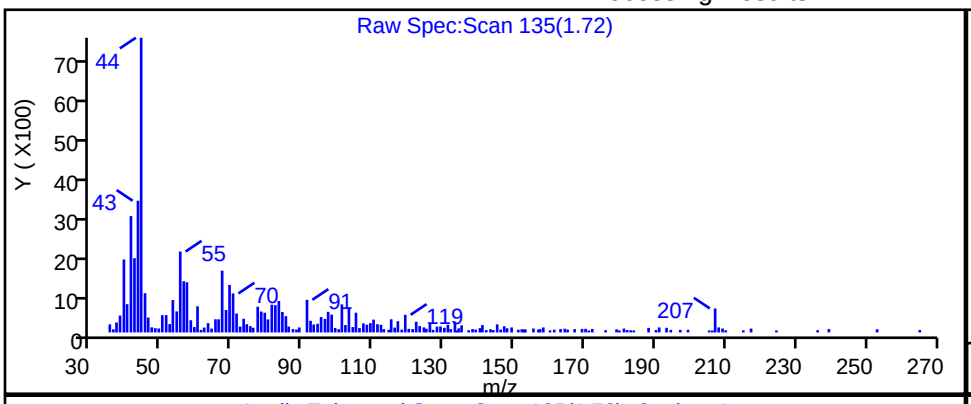
User Disabled Compound Report

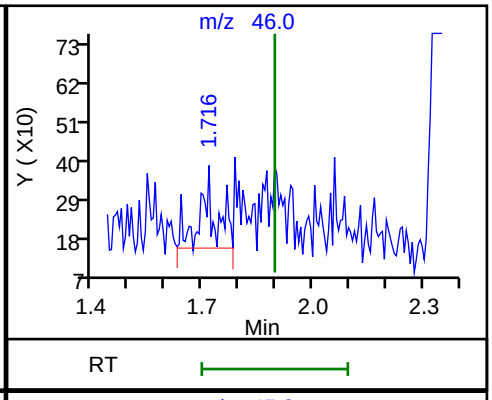
Eurofins Edison

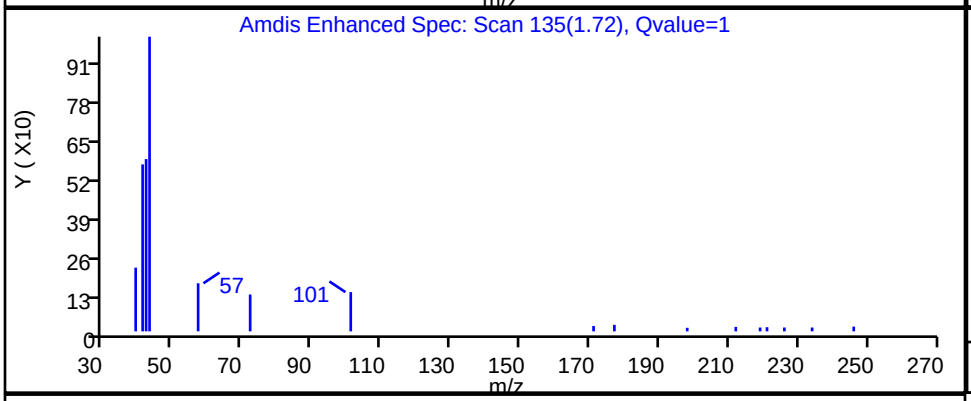
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

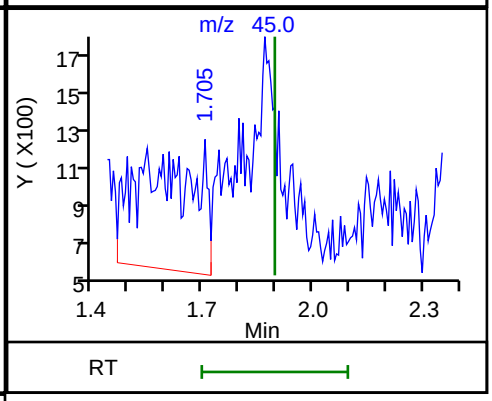
14 Ethanol, CAS: 64-17-5

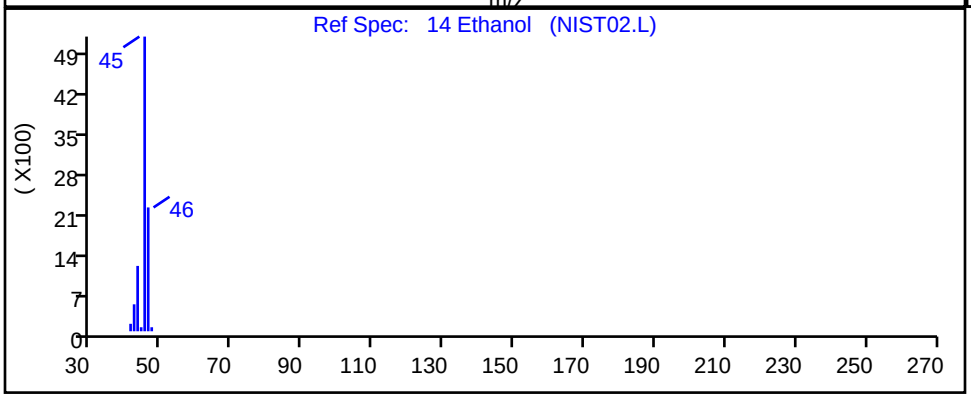
Processing Results











RT	Mass	Response	Amount
1.72	46.00	683	239.5836
1.70	45.00	6509	

Reviewer: baronm, 26-May-2022 20:26:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

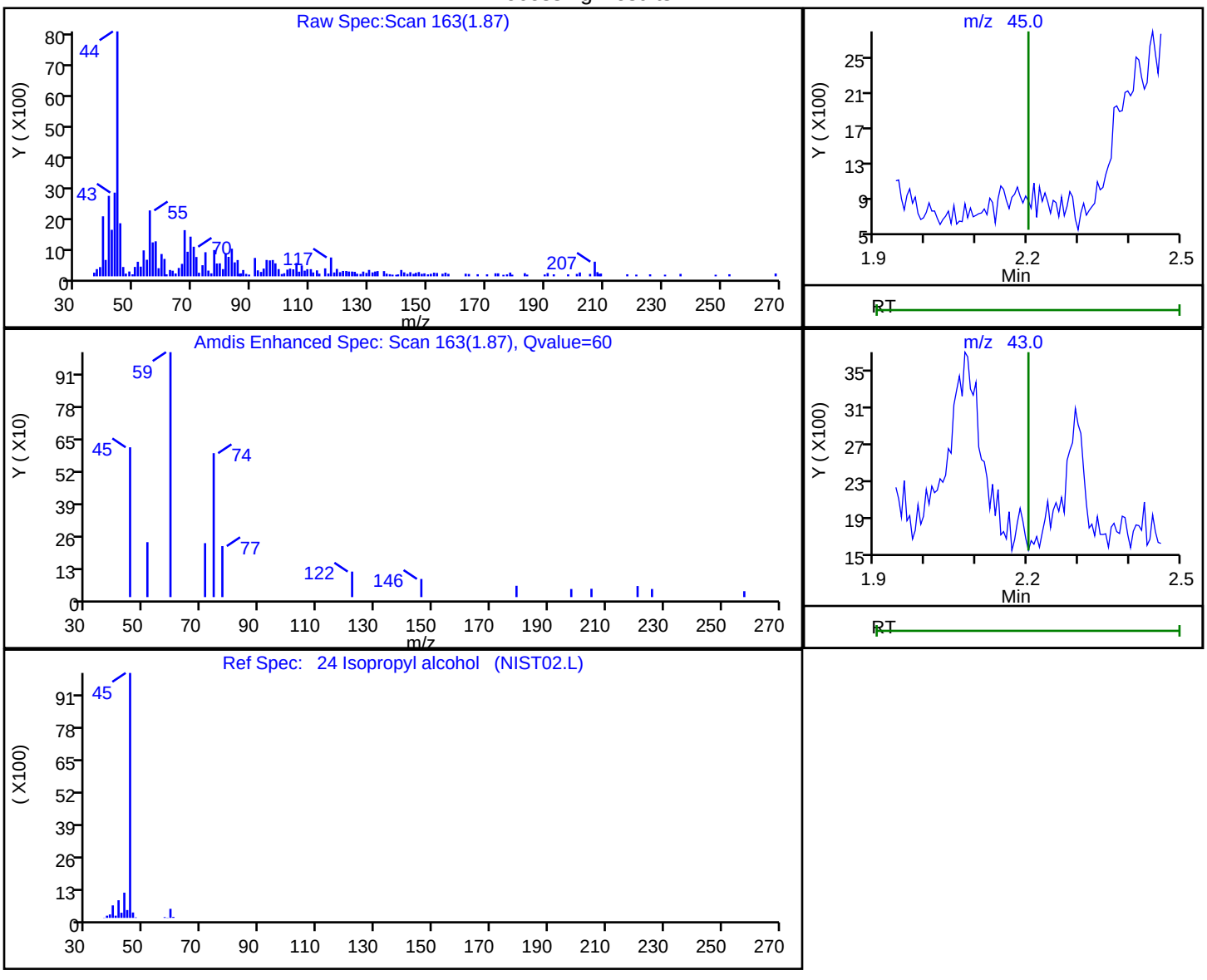
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34450.D
Injection Date: 25-May-2022 11:48:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.87	45.00	1648	59.896145
1.89	43.00	2555	

Reviewer: baronm, 26-May-2022 20:27:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 27-May-2022 12:10:16 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 25-May-2022 12:10:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0145738-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-May-2022 12:10:14 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: martineze Date: 25-May-2022 14:42:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.116	1.116	0.000	98	9132	NC	NC	
5 Chlorodifluoromethane	67	1.143	1.143	0.000	95	5795	5.00	7.22	a
2 Chlorotrifluoroethene	116	1.116	1.116	0.000	58	7464	5.00	4.02	
4 Dichlorodifluoromethane	85	1.143	1.143	0.000	83	30134	5.00	5.38	M
6 Chloromethane	50	1.268	1.268	0.000	98	20807	5.00	4.64	
7 Butadiene	54	1.317	1.317	0.000	94	19630	5.00	5.64	
8 Vinyl chloride	62	1.328	1.328	0.000	97	21548	5.00	5.27	
9 Bromomethane	94	1.530	1.530	0.000	97	19144	5.00	5.62	
10 Chloroethane	64	1.563	1.563	0.000	99	12302	5.00	5.99	
11 Dichlorofluoromethane	67	1.699	1.699	0.000	98	32964	5.00	5.68	
12 Trichlorofluoromethane	101	1.754	1.754	0.000	49	35159	5.00	5.85	
13 Pentane	72	1.749	1.749	0.000	95	5076	10.0	9.93	M
15 Ethyl ether	59	1.879	1.879	0.000	94	11550	5.00	5.49	
14 Ethanol	46	1.896	1.896	0.000	64	5429	200.0	231.1	
16 2-Methyl-1,3-butadiene	53	1.896	1.896	0.000	93	12943	5.00	5.28	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.901	1.901	0.000	79	17752	5.00	5.77	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.934	1.934	0.000	94	25483	5.00	5.47	Ma
19 Acrolein	56	1.967	1.967	0.000	95	43240	200.0	194.9	
21 1,1-Dichloroethene	96	2.038	2.038	0.000	98	17572	5.00	5.69	
20 112TCTFE	101	2.076	2.076	0.000	97	21184	5.00	5.64	
22 Acetone	43	2.076	2.076	0.000	87	26855	25.0	22.8	
23 Iodomethane	142	2.141	2.141	0.000	98	38909	5.00	5.49	
25 Carbon disulfide	76	2.190	2.190	0.000	99	63155	5.00	5.55	
24 Isopropyl alcohol	45	2.201	2.201	0.000	24	6016	50.0	24.6	a
26 3-Chloro-1-propene	39	2.278	2.278	0.000	90	19960	5.00	5.03	
27 Methyl acetate	43	2.294	2.294	0.000	98	22084	10.0	11.0	
28 Cyclopentene	67	2.343	2.343	0.000	94	42552	5.00	5.76	
29 Acetonitrile	41	2.327	2.327	0.000	31	9331	50.0	46.3	Ma
31 Methylene Chloride	84	2.360	2.360	0.000	89	20884	5.00	5.51	
* 30 TBA-d9 (IS)	65	2.447	2.447	0.000	95	369774	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.480	2.480	0.000	91	30157	50.0	52.4	a
35 Acrylonitrile	53	2.540	2.540	0.000	95	55696	50.0	54.2	
34 trans-1,2-Dichloroethene	96	2.567	2.567	0.000	91	19631	5.00	5.81	
33 Methyl tert-butyl ether	73	2.578	2.578	0.000	95	48850	5.00	5.29	
36 Hexane	43	2.785	2.785	0.000	91	14753	5.00	5.55	
38 1,1-Dichloroethane	63	2.883	2.883	0.000	99	30032	5.00	5.62	
39 Vinyl acetate	86	2.933	2.933	0.000	99	5865	10.0	12.0	M
37 Isopropyl ether	45	2.954	2.954	0.000	87	51325	5.00	5.44	
40 2-Chloro-1,3-butadiene	88	2.960	2.960	0.000	85	16427	5.00	5.51	
41 Tert-butyl ethyl ether	87	3.249	3.249	0.000	90	23164	5.00	5.33	
* 42 2-Butanone-d5	46	3.331	3.331	0.000	98	219056	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.364	3.364	0.000	98	21395	5.00	5.51	
43 2,2-Dichloropropane	79	3.364	3.364	0.000	62	9831	5.00	5.19	
46 2-Butanone (MEK)	72	3.385	3.385	0.000	98	10205	25.0	25.1	a
47 Methyl acrylate	55	3.424	3.424	0.000	98	13868	5.00	4.71	
45 Ethyl acetate	70	3.402	3.402	0.000	98	3055	10.0	11.2	M
48 Propionitrile	54	3.440	3.440	0.000	93	22950	50.0	49.4	a
51 Methacrylonitrile	67	3.555	3.555	0.000	93	57433	50.0	50.2	
50 Chlorobromomethane	128	3.565	3.565	0.000	61	12085	5.00	5.55	
49 Tetrahydrofuran	72	3.636	3.636	0.000	41	5006	10.0	11.4	
52 Chloroform	83	3.642	3.642	0.000	97	31633	5.00	5.20	
$ 55 Dibromofluoromethane (Surr)	113	3.784	3.784	0.000	96	161065	50.0	51.3	
54 1,1,1-Trichloroethane	97	3.822	3.822	0.000	98	31966	5.00	5.44	
53 Cyclohexane	84	3.871	3.871	0.000	90	29838	5.00	5.74	
57 1,1-Dichloropropene	75	3.969	3.969	0.000	94	22684	5.00	5.46	
56 Carbon tetrachloride	117	3.975	3.975	0.000	95	28831	5.00	5.56	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.095	4.095	0.000	0	142731	50.0	49.9	
60 Benzene	78	4.160	4.160	0.000	95	65301	5.00	5.40	
58 Isobutyl alcohol	74	4.155	4.155	0.000	90	5503	125.0	106.5	a
64 1,2-Dichloroethane	62	4.177	4.177	0.000	95	21168	5.00	5.03	
59 Isooctane	57	4.258	4.258	0.000	93	61736	5.00	5.38	
62 Isopropyl acetate	61	4.269	4.264	0.005	69	5273	5.00	4.75	a
63 Tert-amyl methyl ether	73	4.297	4.297	0.000	95	52972	5.00	5.19	
* 66 Fluorobenzene	96	4.444	4.444	0.000	99	480018	50.0	50.0	
65 n-Heptane	43	4.466	4.444	0.022	93	24834	5.00	5.56	a
68 n-Butanol	56	4.788	4.788	0.000	83	16283	125.0	164.8	Ma
69 Trichloroethene	95	4.826	4.826	0.000	98	17523	5.00	5.29	
70 Ethyl acrylate	55	4.957	4.968	-0.011	96	14918	5.00	4.79	a
71 Methylcyclohexane	83	5.044	5.044	0.000	95	34108	5.00	5.45	
72 1,2-Dichloropropane	63	5.066	5.066	0.000	87	15904	5.00	5.17	
* 73 1,4-Dioxane-d8	96	5.170	5.170	0.000	89	28592	1000.0	1000.0	
77 Dibromomethane	93	5.186	5.186	0.000	95	11137	5.00	5.23	
74 Methyl methacrylate	69	5.219	5.219	0.000	87	19067	10.0	10.5	
75 1,4-Dioxane	88	5.241	5.241	0.000	29	4800	100.0	113.1	a
76 n-Propyl acetate	43	5.306	5.306	0.000	99	16696	5.00	5.02	
78 Dichlorobromomethane	83	5.377	5.377	0.000	99	21857	5.00	4.98	
79 2-Nitropropane	41	5.666	5.666	0.000	85	9995	10.0	16.3	
67 2-Chloroethyl vinyl ether	63	5.759	5.759	0.000	78	1906	5.01	4.82	
80 Epichlorohydrin	57	5.808	5.808	0.000	99	26606	100.0	100.7	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	92	23593	5.00	5.08	
82 4-Methyl-2-pentanone (MIBK)	43	6.146	6.146	0.000	96	73586	25.0	26.4	
$ 83 Toluene-d8 (Surr)	98	6.255	6.255	0.000	99	521272	50.0	49.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.343	6.343	0.000	93	65769	5.00	5.09	
85 trans-1,3-Dichloropropene	75	6.637	6.637	0.000	97	20635	5.00	5.10	
86 Ethyl methacrylate	69	6.823	6.823	0.000	87	18878	5.00	5.17	
87 1,1,2-Trichloroethane	83	6.878	6.878	0.000	93	10206	5.00	4.92	
88 Tetrachloroethene	166	7.063	7.063	0.000	97	18154	5.00	5.28	
89 1,3-Dichloropropane	76	7.096	7.096	0.000	94	20035	5.00	5.18	
90 2-Hexanone	43	7.265	7.265	0.000	95	41897	25.0	25.6	
92 Chlorodibromomethane	129	7.396	7.396	0.000	97	17420	5.00	5.14	
91 n-Butyl acetate	43	7.494	7.494	0.000	98	19800	5.00	5.19	
93 Ethylene Dibromide	107	7.527	7.527	0.000	99	13948	5.00	4.94	
* 94 Chlorobenzene-d5	117	8.231	8.231	0.000	85	363351	50.0	50.0	
95 Chlorobenzene	112	8.269	8.269	0.000	98	43628	5.00	5.17	
97 1,1,1,2-Tetrachloroethane	131	8.416	8.416	0.000	97	21465	5.00	5.29	
96 Ethylbenzene	106	8.476	8.476	0.000	98	26004	5.00	5.35	
98 m-Xylene & p-Xylene	106	8.662	8.662	0.000	0	31630	5.00	5.14	
100 o-Xylene	106	9.175	9.175	0.000	94	34623	5.00	5.37	
101 Styrene	104	9.191	9.191	0.000	96	50457	5.00	5.20	
99 n-Butyl acrylate	73	9.218	9.218	0.000	97	12390	5.00	6.24	
103 Bromoform	173	9.371	9.371	0.000	96	12348	5.00	5.25	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	91	20312	5.00	4.63	
104 Isopropylbenzene	105	9.622	9.622	0.000	95	89471	5.00	5.31	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	96	179204	50.0	51.7	
106 Bromobenzene	156	9.900	9.900	0.000	89	22033	5.00	4.94	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.949	0.000	96	21655	5.00	5.06	
109 1,2,3-Trichloropropane	110	9.971	9.971	0.000	96	6497	5.00	5.35	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.009	0.000	94	4887	5.00	5.19	
108 N-Propylbenzene	91	10.059	10.059	0.000	100	101394	5.00	5.16	
111 2-Chlorotoluene	91	10.119	10.119	0.000	97	59309	5.00	5.05	
112 4-Ethyltoluene	105	10.179	10.179	0.000	99	85988	5.00	5.13	
114 4-Chlorotoluene	91	10.228	10.228	0.000	97	63614	5.00	5.01	
113 1,3,5-Trimethylbenzene	105	10.250	10.250	0.000	93	75398	5.00	4.87	
115 Butyl Methacrylate	87	10.386	10.386	0.000	89	18666	5.00	4.25	
116 tert-Butylbenzene	119	10.550	10.550	0.000	94	57074	5.00	4.70	
117 1,2,4-Trimethylbenzene	105	10.593	10.593	0.000	97	83907	5.00	5.02	
118 sec-Butylbenzene	105	10.752	10.752	0.000	99	97416	5.00	4.96	
120 1,3-Dichlorobenzene	146	10.817	10.817	0.000	97	42117	5.00	5.02	
* 121 1,4-Dichlorobenzene-d4	152	10.882	10.882	0.000	94	228502	50.0	50.0	
119 4-Isopropyltoluene	119	10.888	10.888	0.000	98	87155	5.00	5.06	
122 1,4-Dichlorobenzene	146	10.899	10.899	0.000	96	42636	5.00	5.16	
123 1,2,3-Trimethylbenzene	105	10.959	10.959	0.000	98	85677	5.00	4.95	
124 Benzyl chloride	91	11.024	11.024	0.000	99	39755	5.00	5.03	
125 2,3-Dihydroindene	117	11.117	11.117	0.000	94	80914	5.00	5.09	
128 1,2-Dichlorobenzene	146	11.210	11.210	0.000	98	45593	5.00	5.22	
126 p-Diethylbenzene	119	11.215	11.215	0.000	96	47489	5.00	5.26	a
127 n-Butylbenzene	92	11.237	11.237	0.000	98	45326	5.00	5.17	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.832	0.000	97	87486	5.00	4.90	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	82	6790	5.00	5.44	
131 1,3,5-Trichlorobenzene	180	12.006	12.006	0.000	98	38715	5.00	5.14	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	94	37348	5.00	5.21	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	93	15027	5.00	4.87	
134 Naphthalene	128	12.629	12.629	0.000	99	92135	5.00	5.14	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	97	37578	5.00	5.25	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	11.3	
S 137 Xylenes, Total	100				0		10.0	10.5	
S 139 Total BTEX	1				0		25.0	26.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00477	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00154	Amount Added:	5.00	Units: uL	
ACROLEIN W_00140	Amount Added:	20.00	Units: uL	
524freon_00052	Amount Added:	5.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-May-2022 12:10:16 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D

Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9 Operator ID:

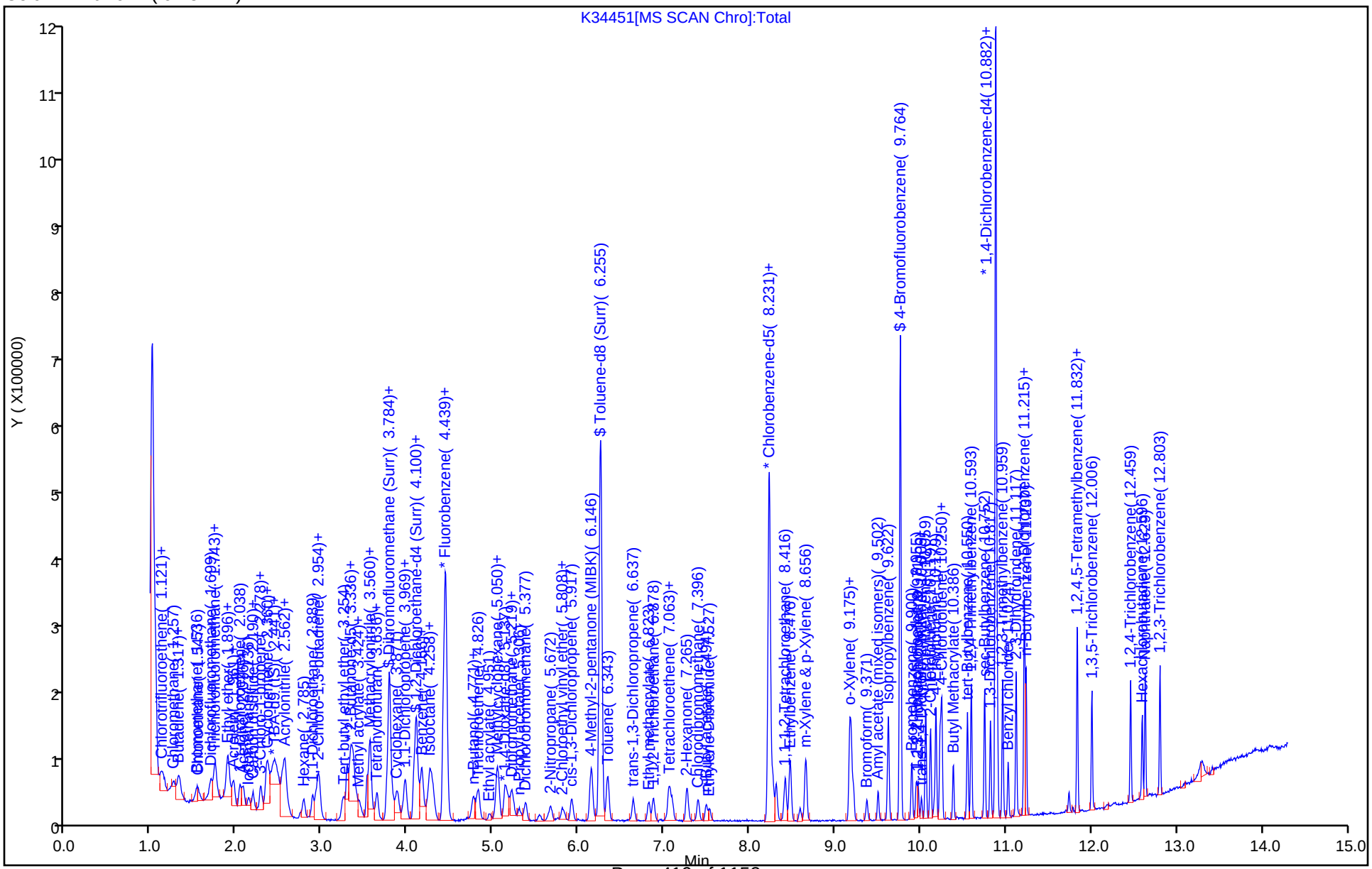
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

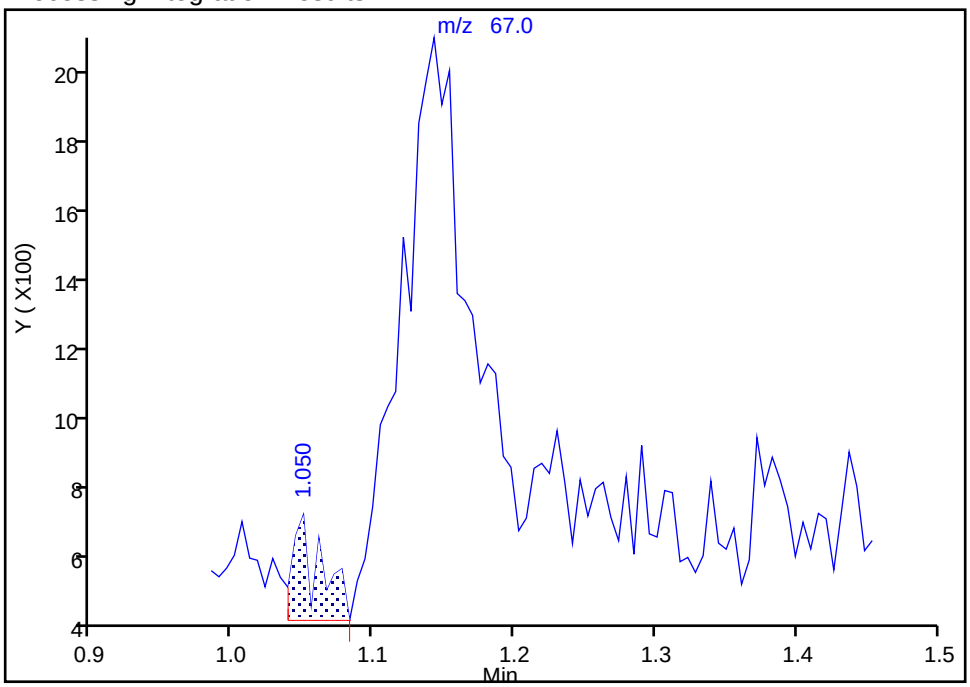
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Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

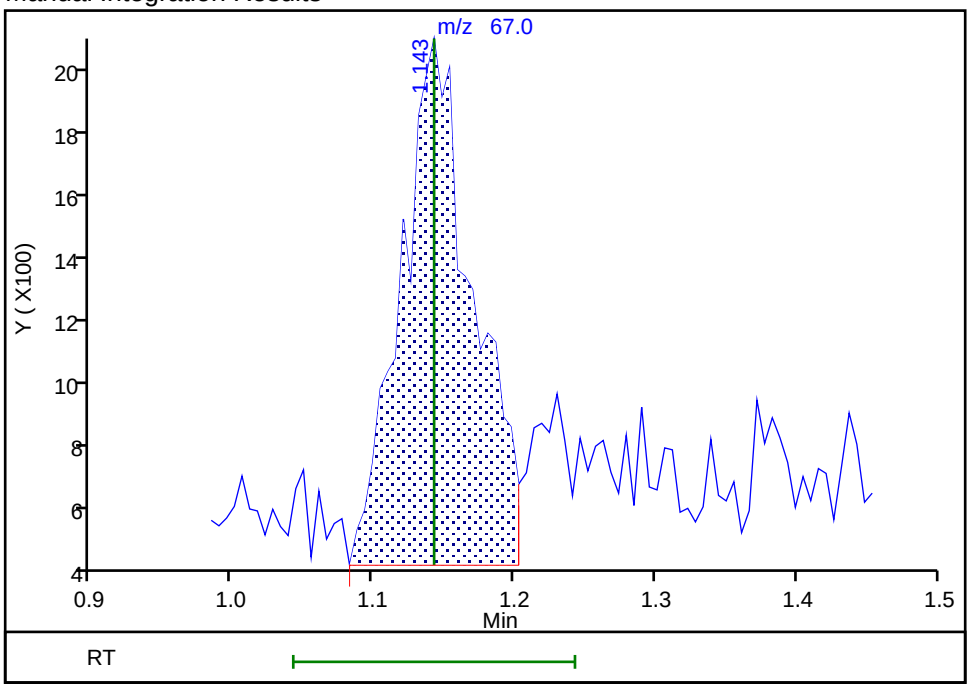
Processing Integration Results

RT: 1.05
Area: 403
Amount: 0.530884
Amount Units: ug/l



Manual Integration Results

RT: 1.14
Area: 5795
Amount: 7.215844
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:38:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

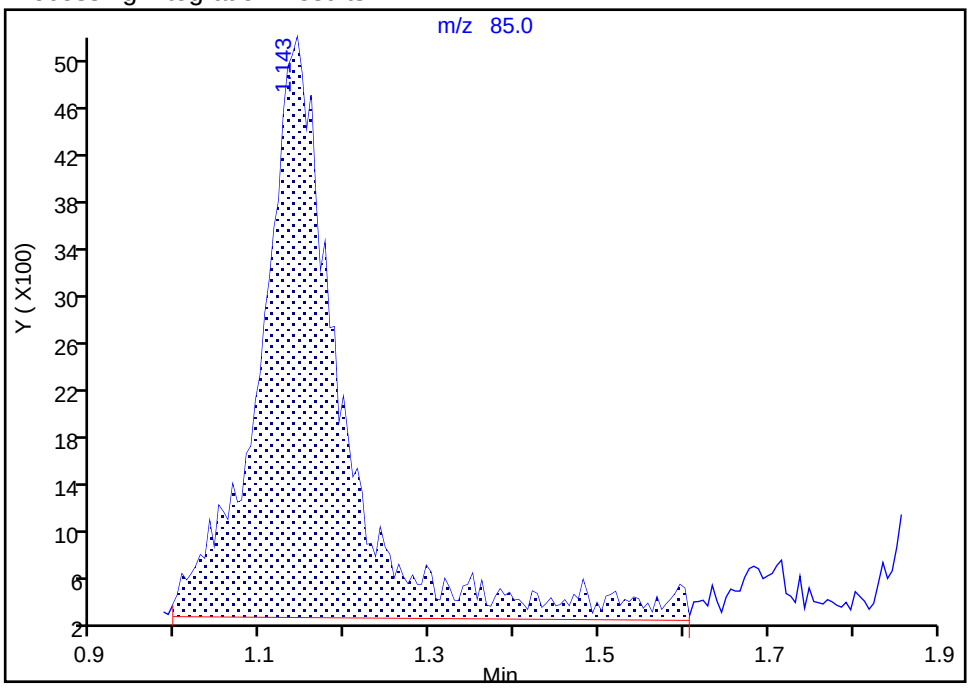
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Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

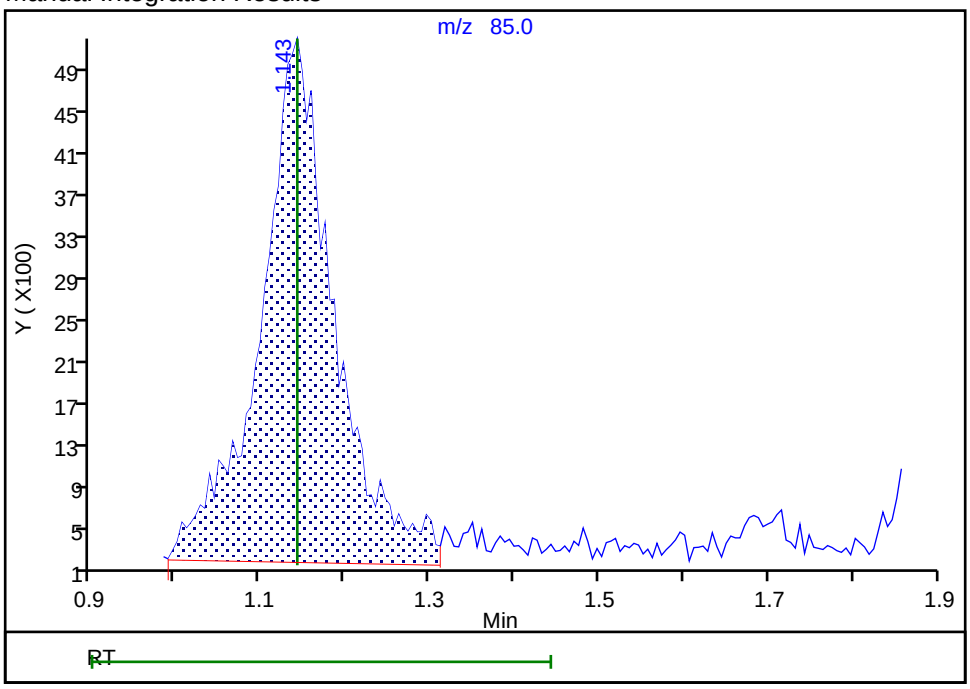
Processing Integration Results

RT: 1.14
Area: 33158
Amount: 5.815699
Amount Units: ug/l



Manual Integration Results

RT: 1.14
Area: 30134
Amount: 5.380433
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:31:12
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

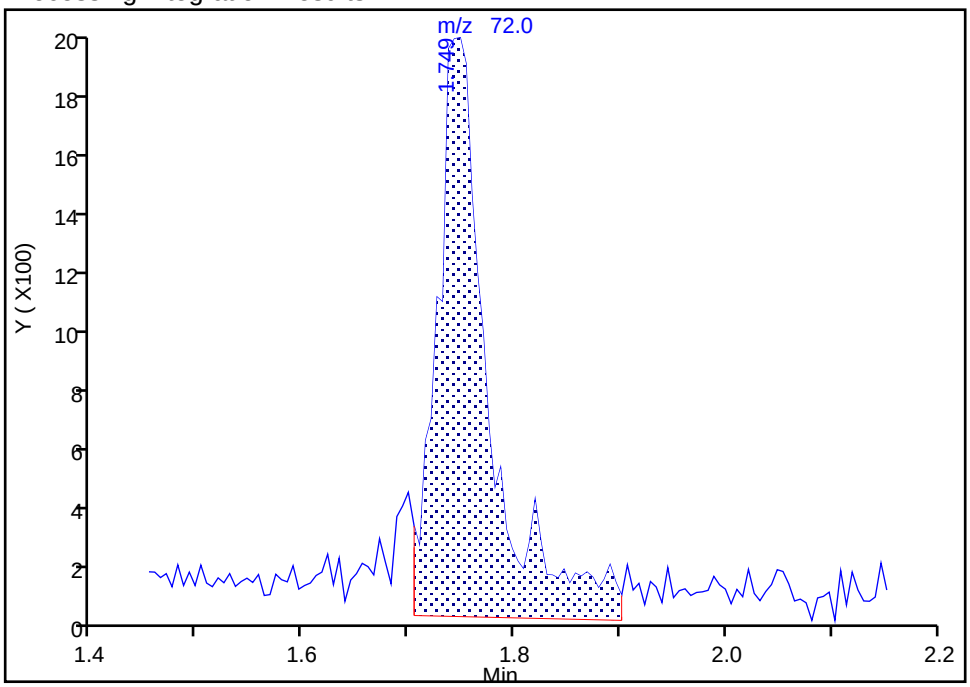
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Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

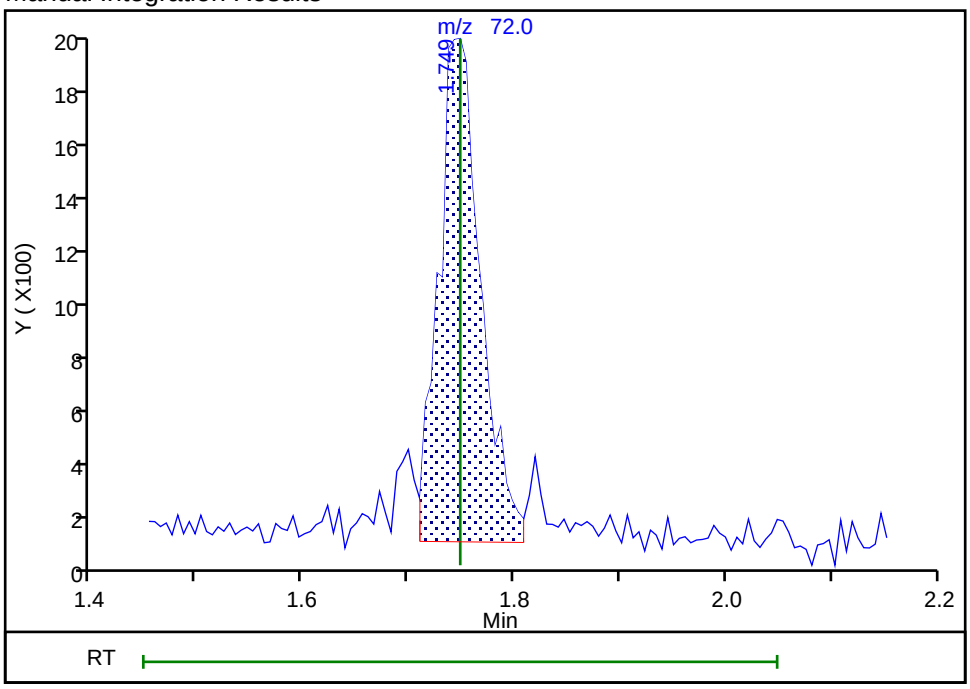
Processing Integration Results

RT: 1.75
Area: 6548
Amount: 14.492942
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 5076
Amount: 9.926398
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:31:36
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

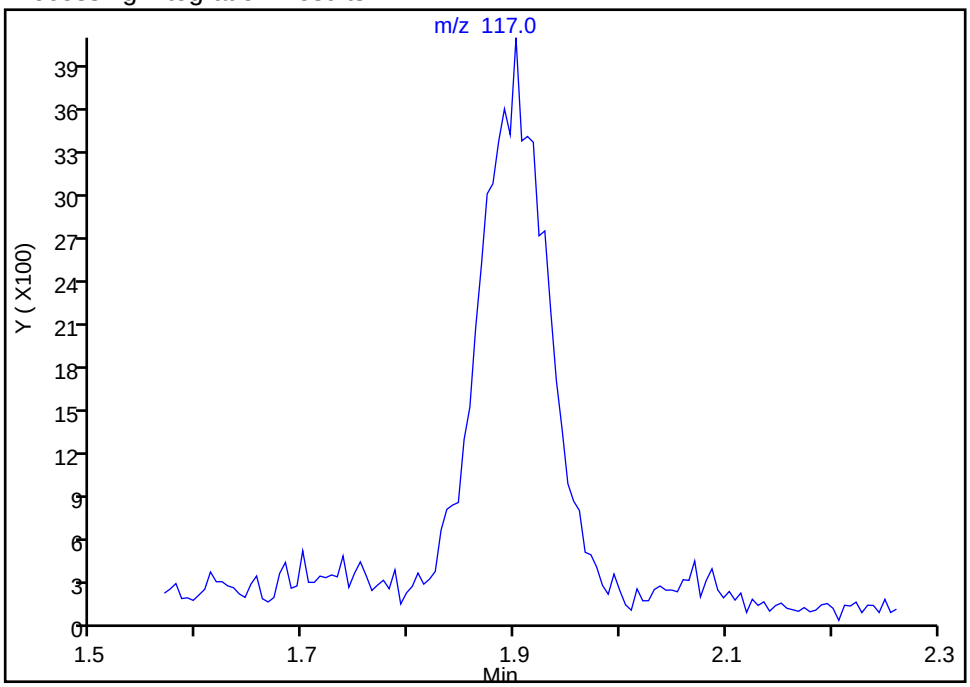
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Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

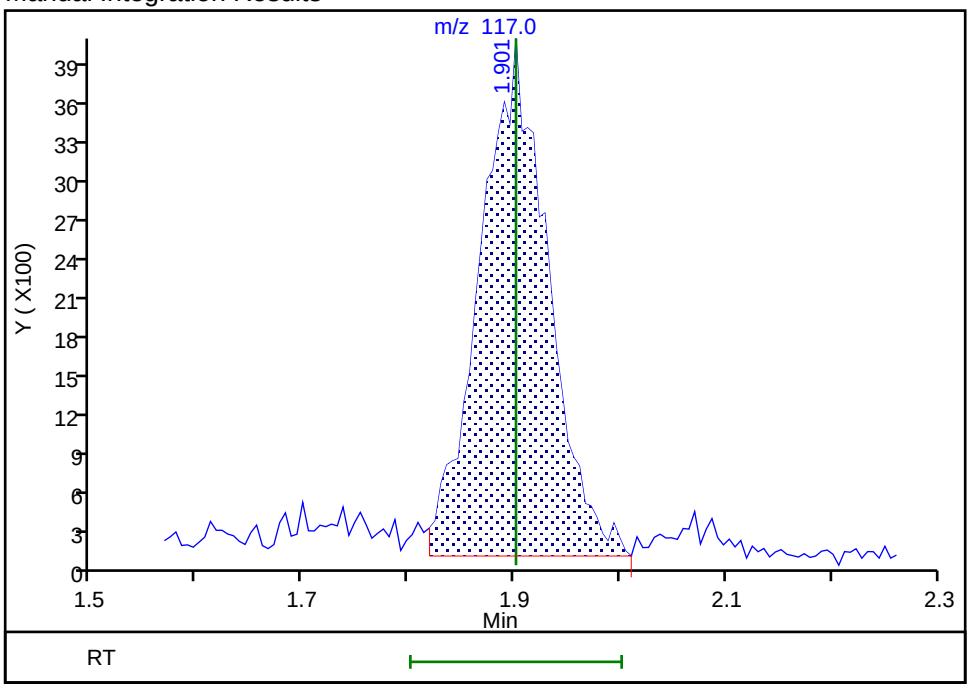
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 17752
Amount: 5.772998
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:38:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

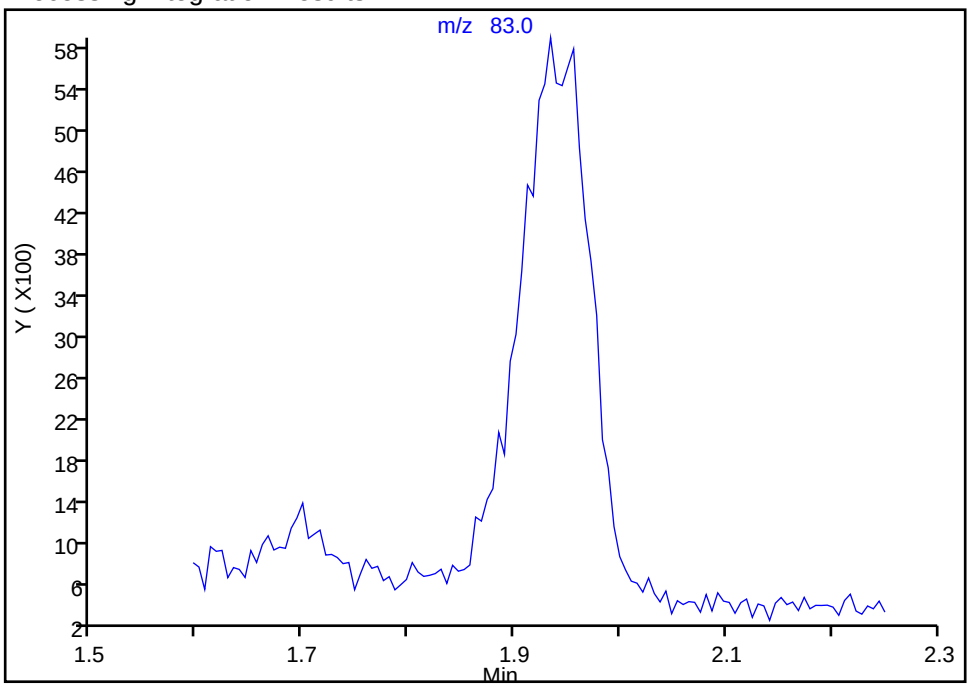
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Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

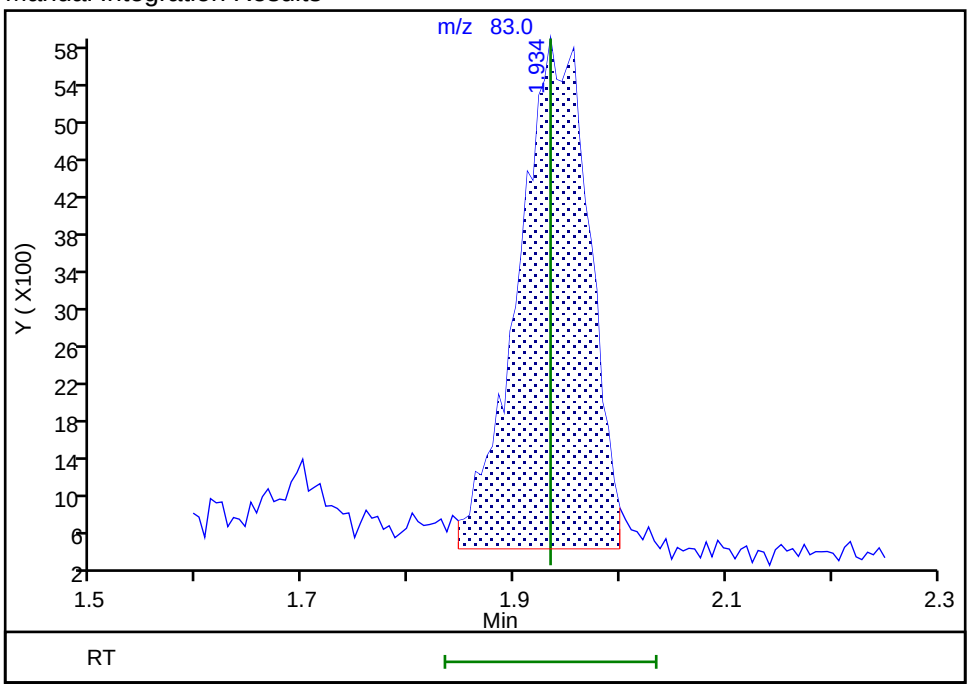
Not Detected
Expected RT: 1.93

Processing Integration Results



Manual Integration Results

RT: 1.93
Area: 25483
Amount: 5.472163
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:38:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

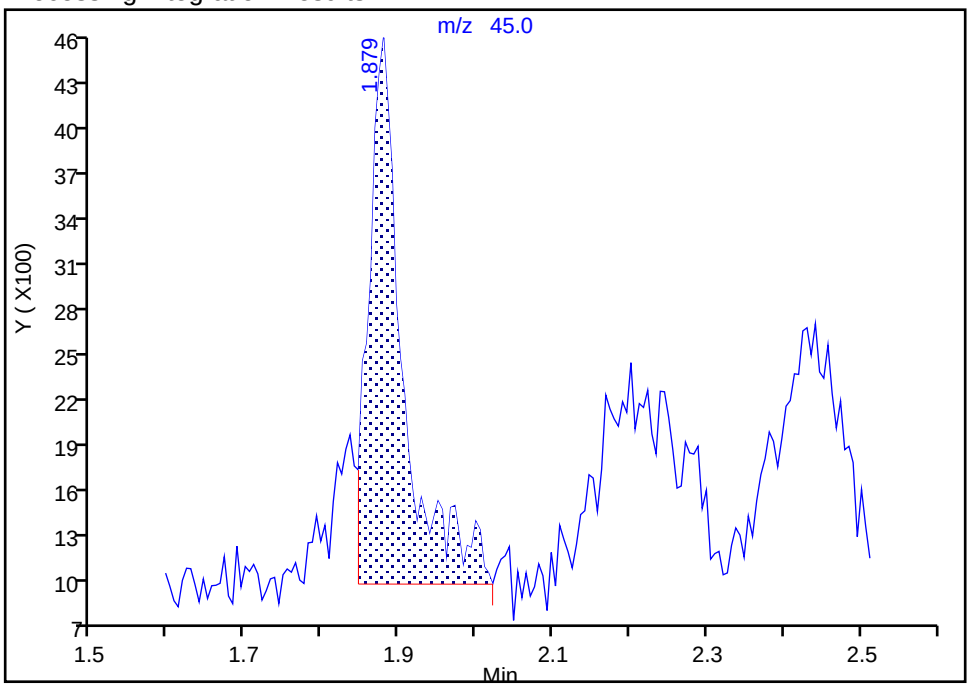
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

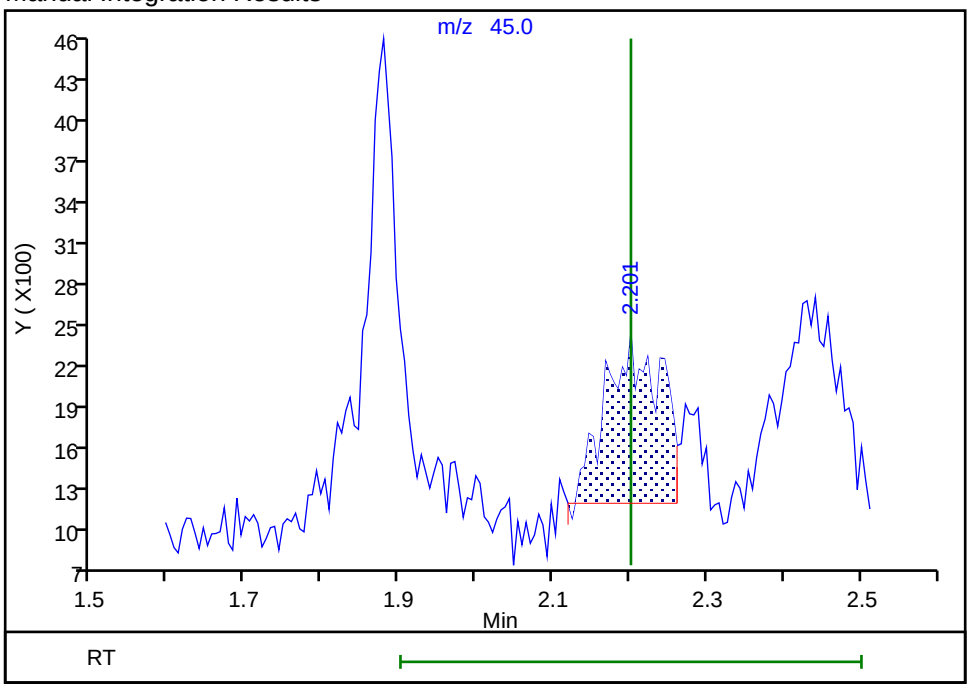
Processing Integration Results

RT: 1.88
Area: 11128
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.20
Area: 6016
Amount: 24.584417
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:38:55
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

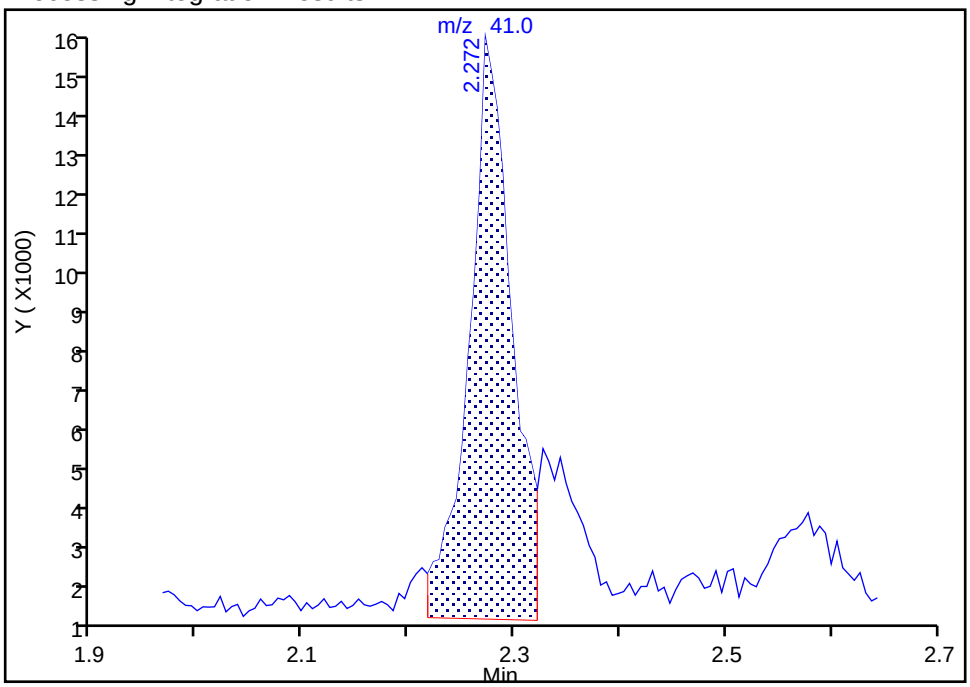
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

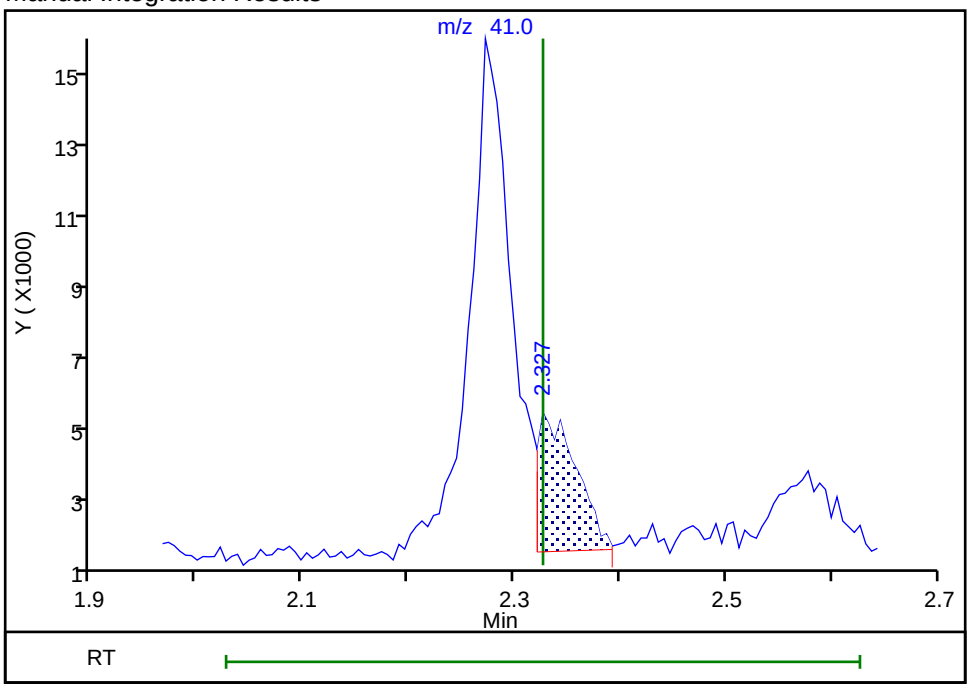
Processing Integration Results

RT: 2.27
Area: 39577
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 9331
Amount: 46.320293
Amount Units: ug/l



Reviewer: baronm, 27-May-2022 12:07:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

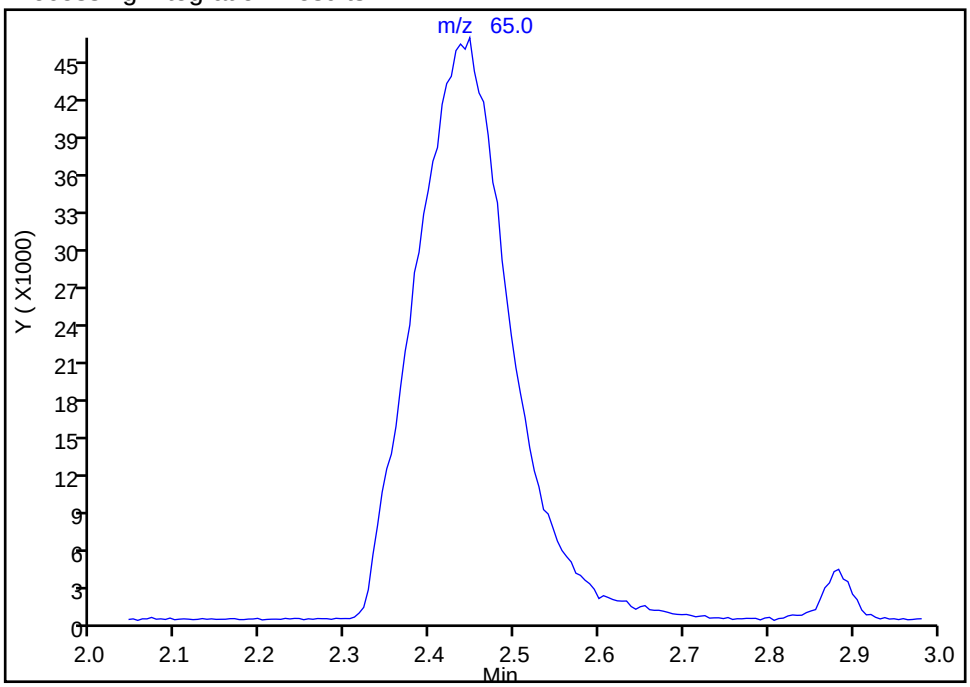
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

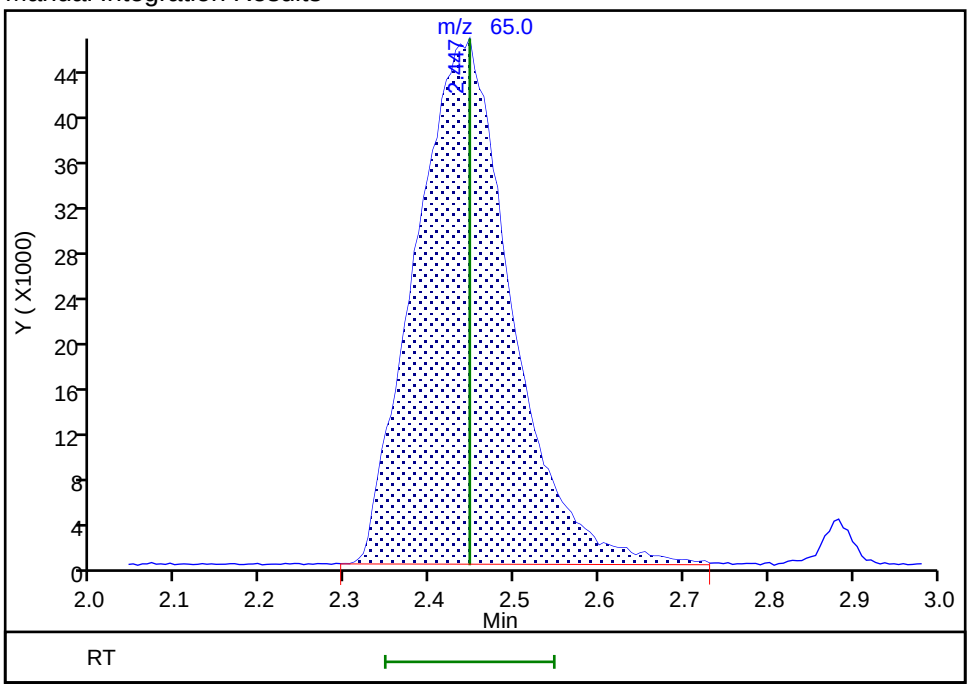
Not Detected
Expected RT: 2.45

Processing Integration Results



Manual Integration Results

RT: 2.45
Area: 369774
Amount: 1000.0000
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:39:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

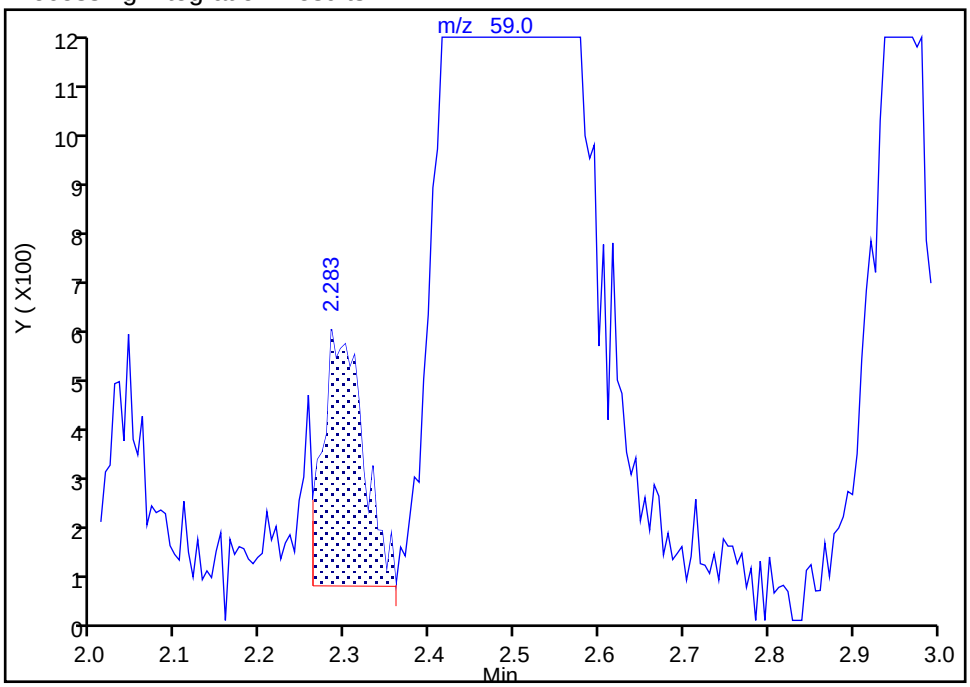
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

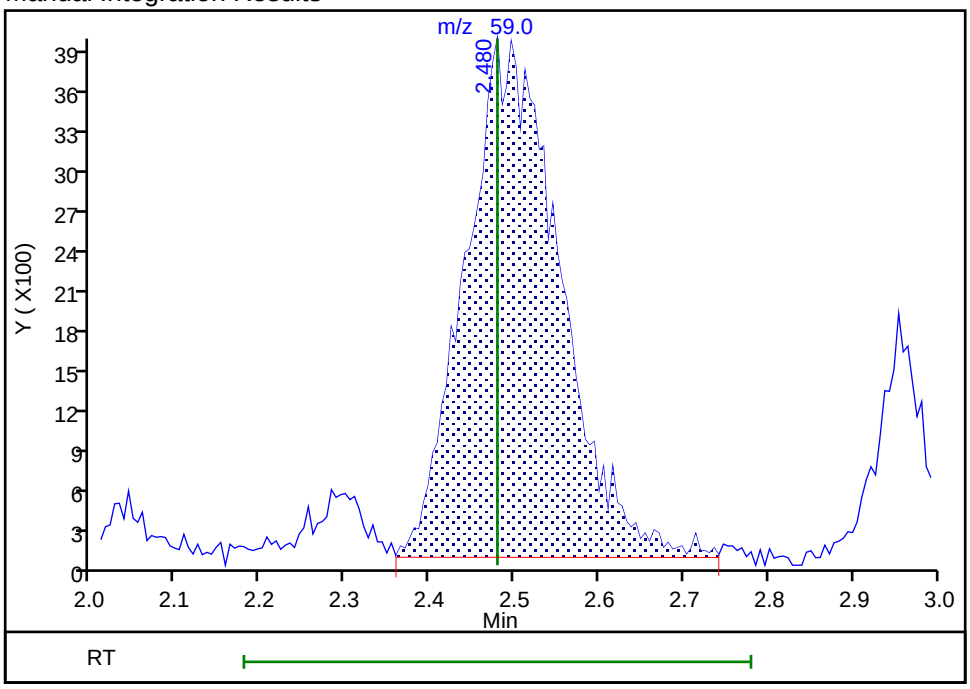
Processing Integration Results

RT: 2.28
Area: 1638
Amount: 5.330820
Amount Units: ug/l



Manual Integration Results

RT: 2.48
Area: 30157
Amount: 52.386407
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:39:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

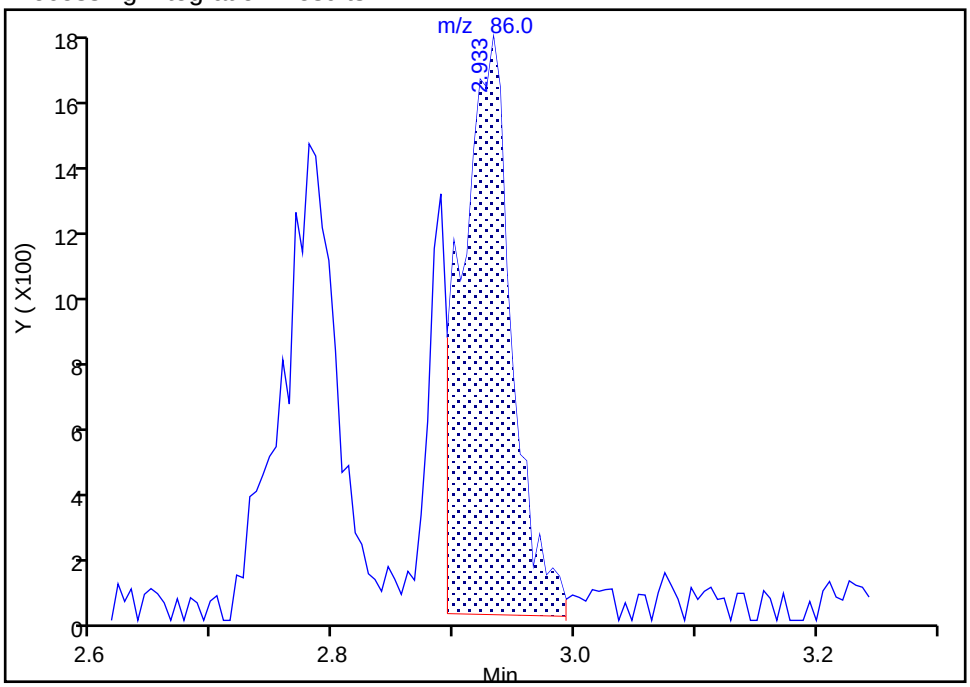
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

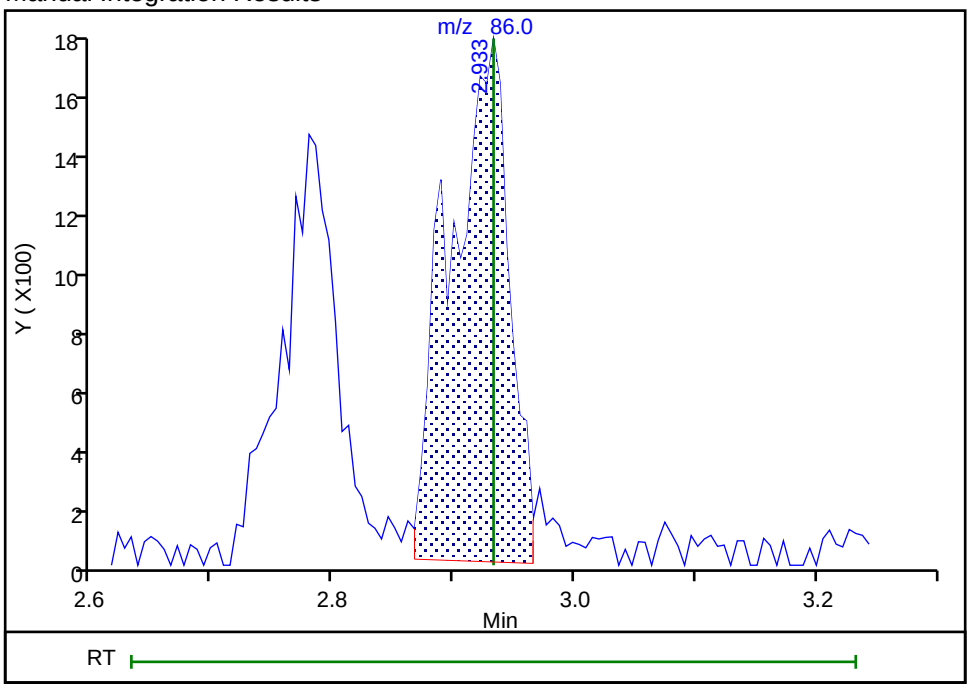
Processing Integration Results

RT: 2.93
Area: 4977
Amount: 9.880611
Amount Units: ug/l



Manual Integration Results

RT: 2.93
Area: 5865
Amount: 11.977417
Amount Units: ug/l



Reviewer: baronm, 27-May-2022 12:05:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

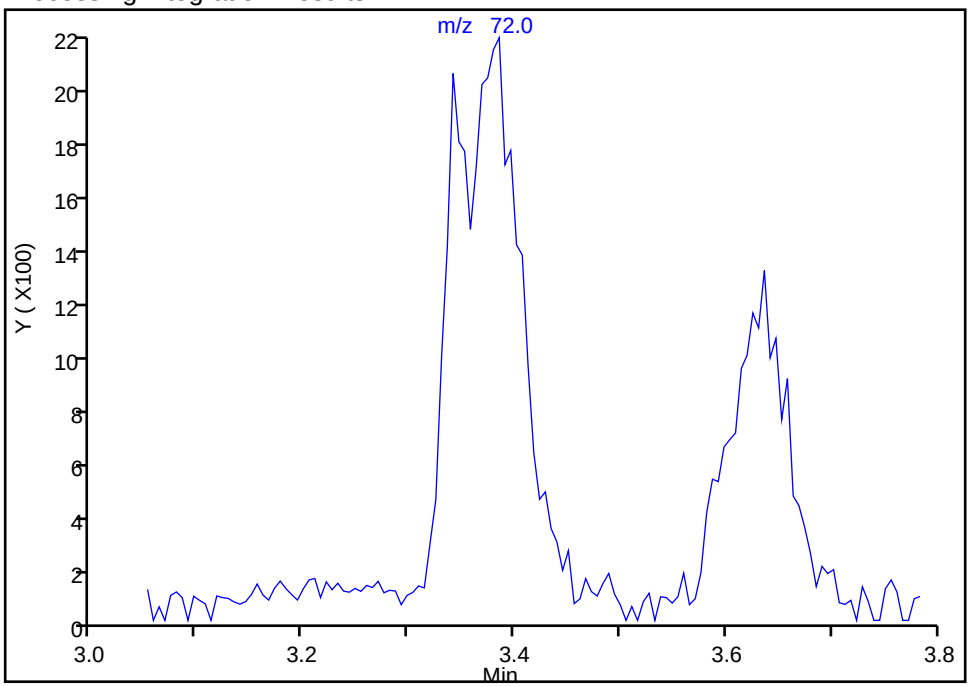
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

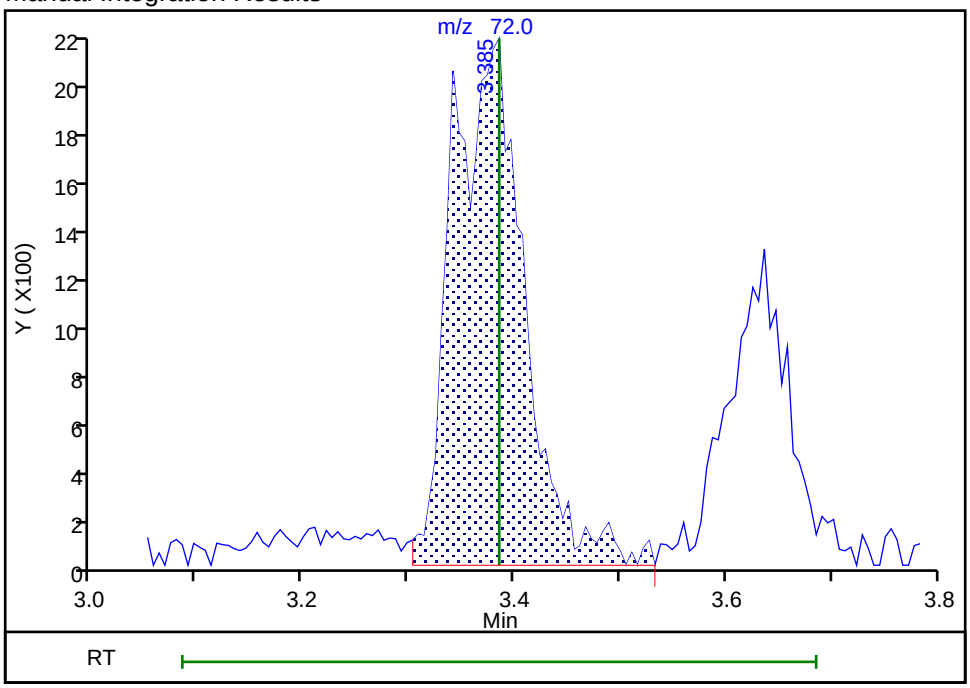
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 10205
Amount: 25.142126
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:39:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

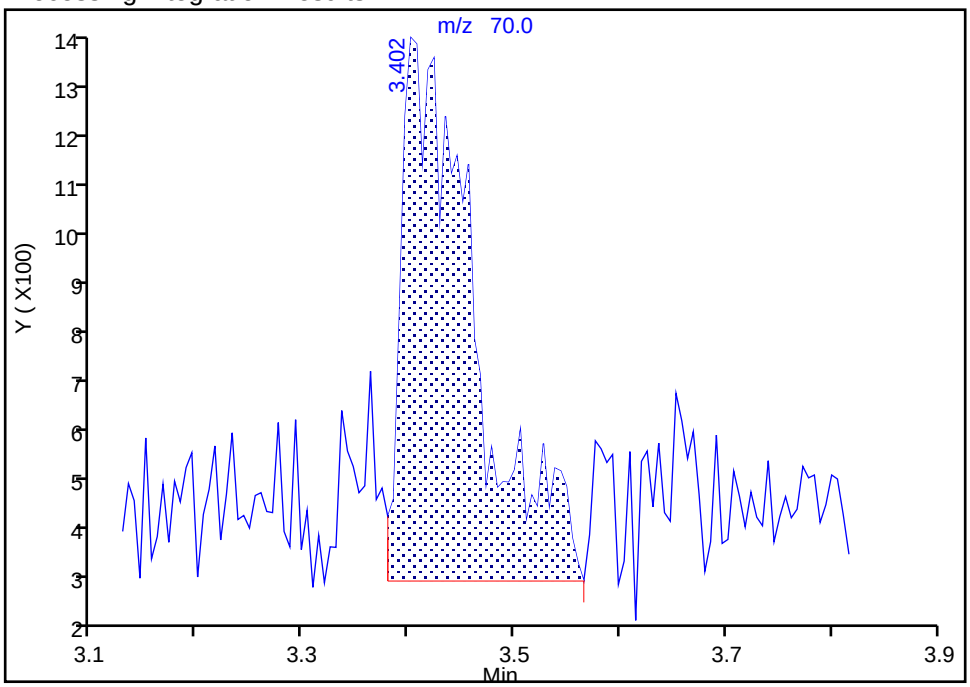
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

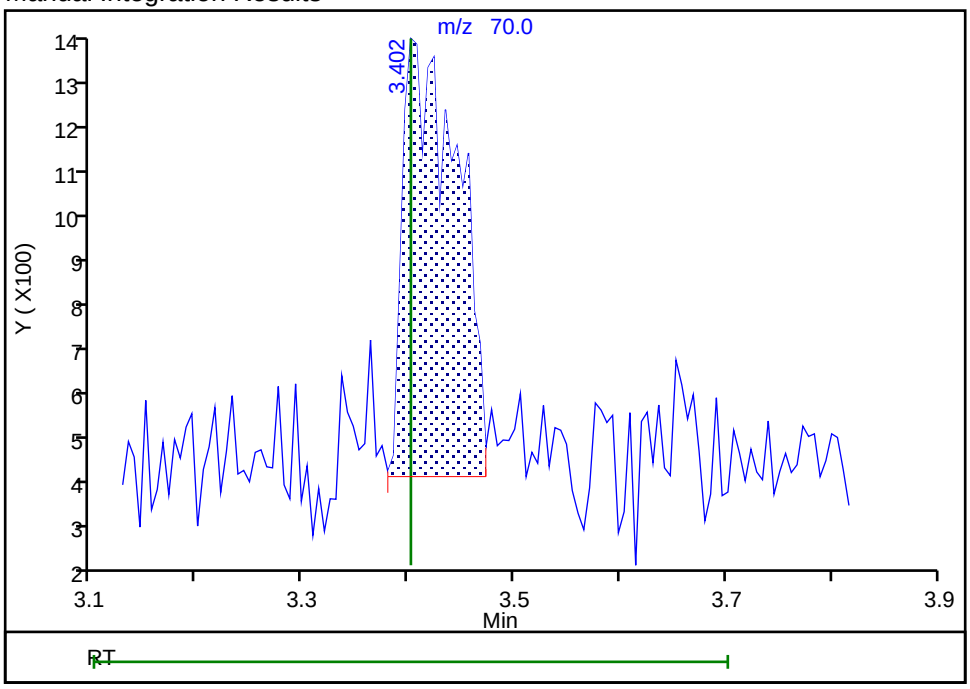
Processing Integration Results

RT: 3.40
Area: 4518
Amount: 16.657655
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 3055
Amount: 11.152575
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:02:36
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

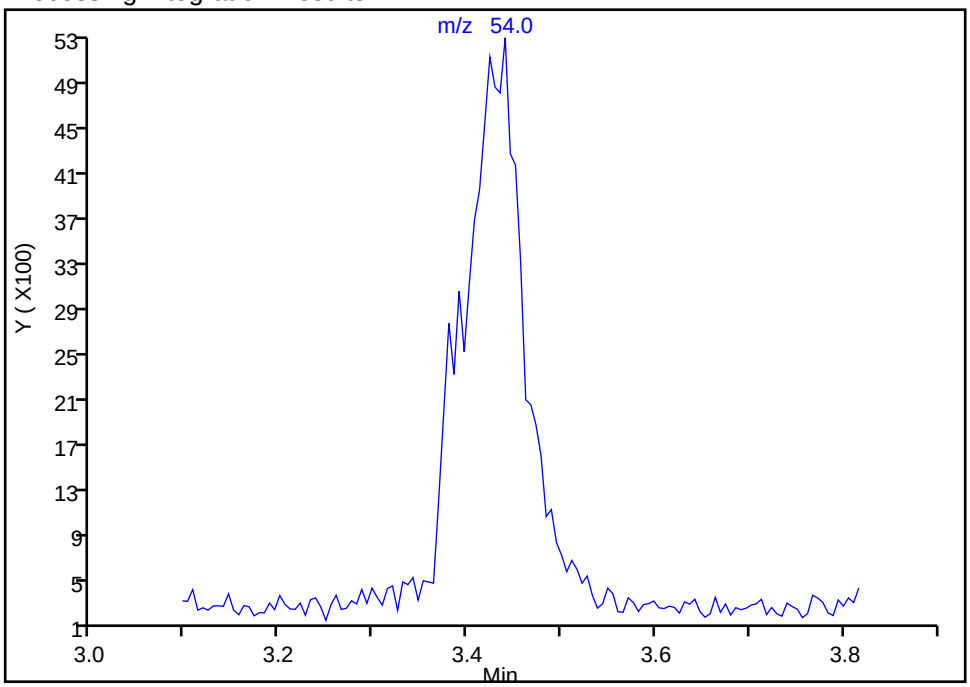
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

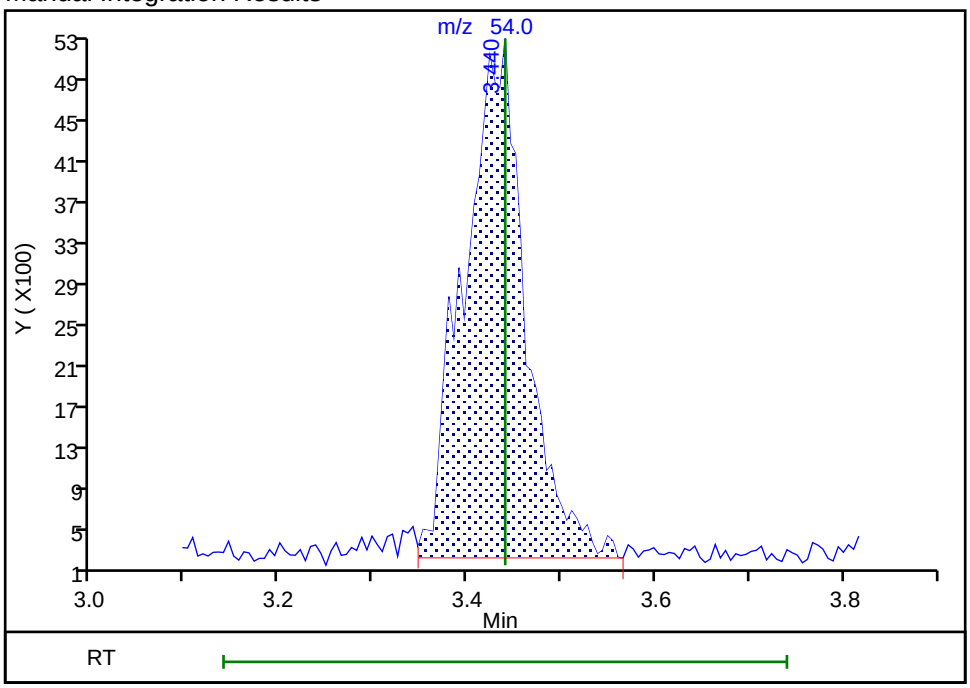
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.44
Area: 22950
Amount: 49.415139
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:39:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

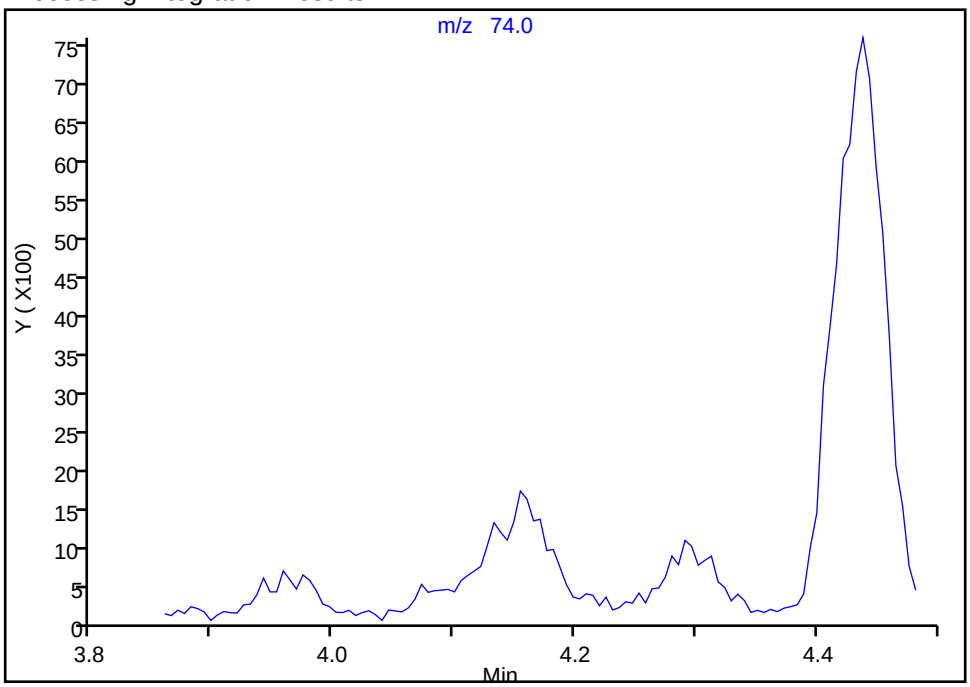
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

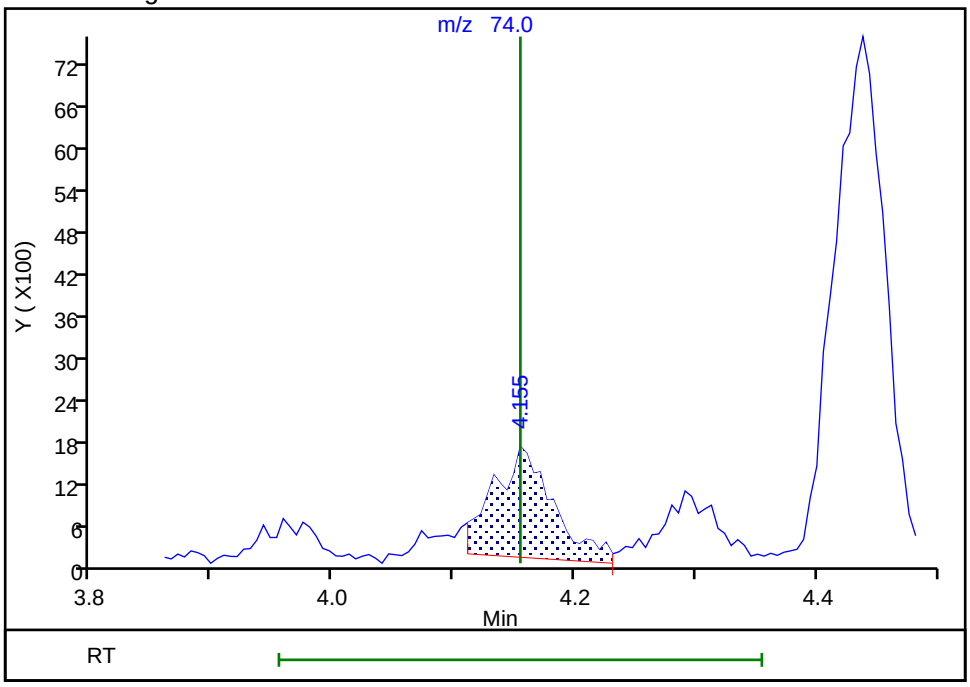
Not Detected
Expected RT: 4.15

Processing Integration Results



Manual Integration Results

RT: 4.15
Area: 5503
Amount: 106.5304
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:40:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

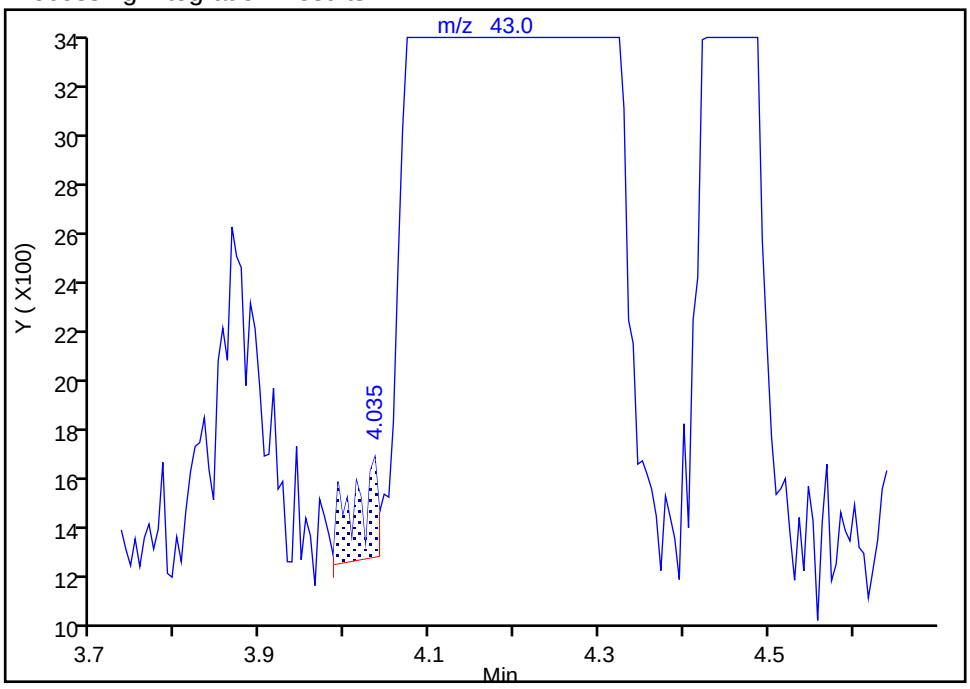
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

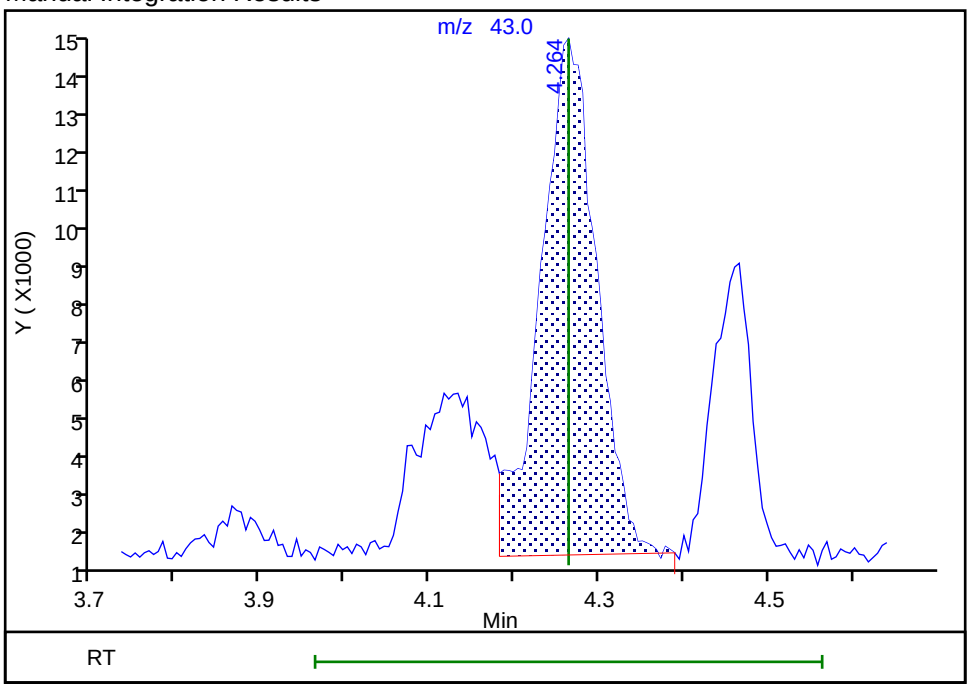
Processing Integration Results

RT: 4.03
Area: 775
Amount: 0.128851
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 62219
Amount: 4.745570
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:40:27
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

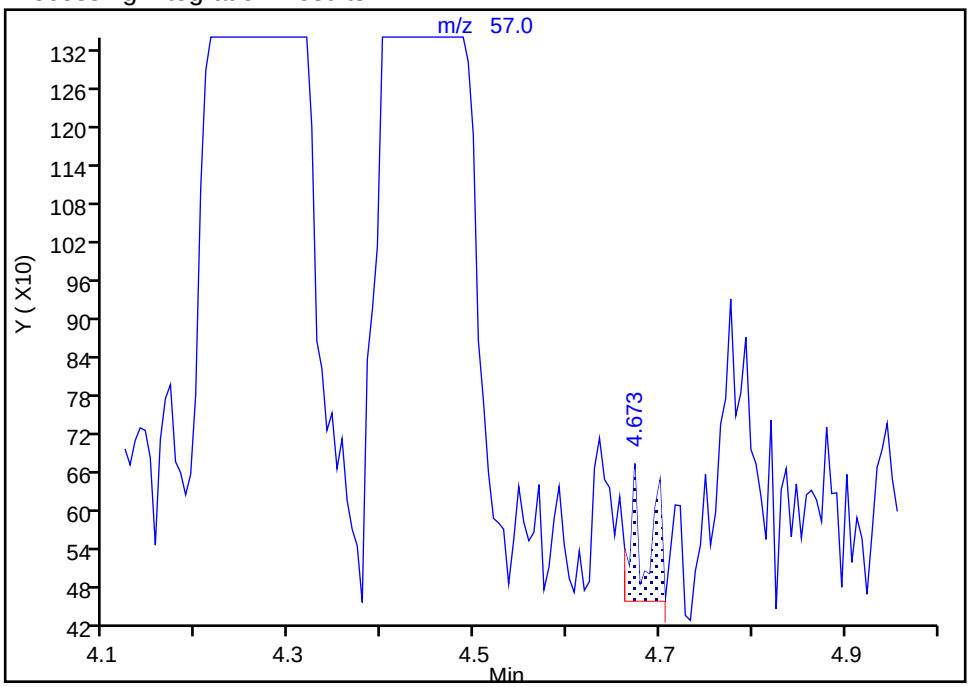
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

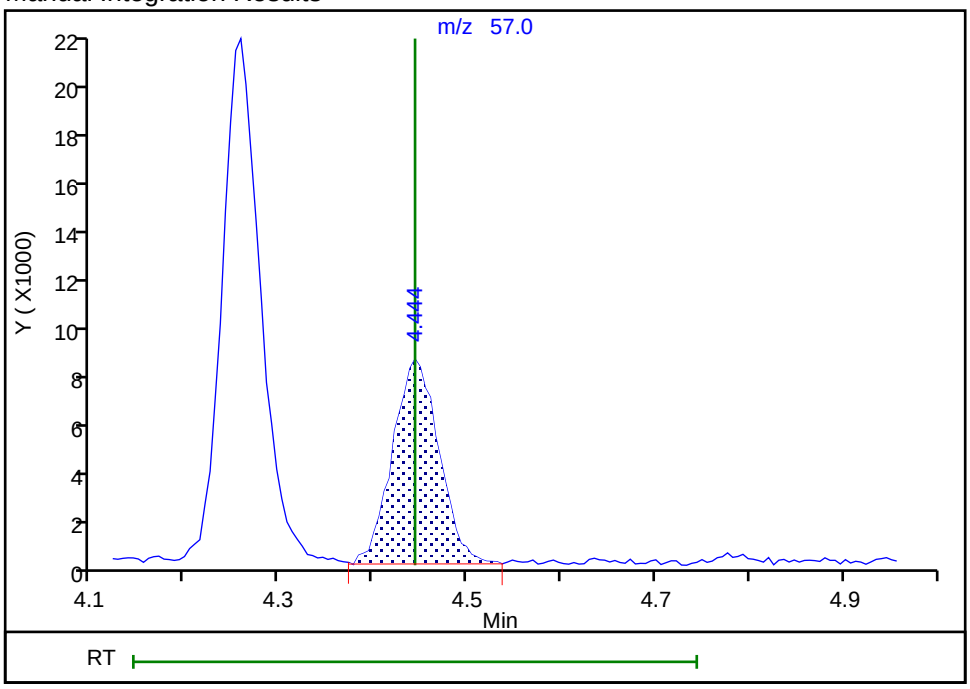
Processing Integration Results

RT: 4.67
Area: 261
Amount: 0.099424
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 28538
Amount: 5.561323
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:40:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

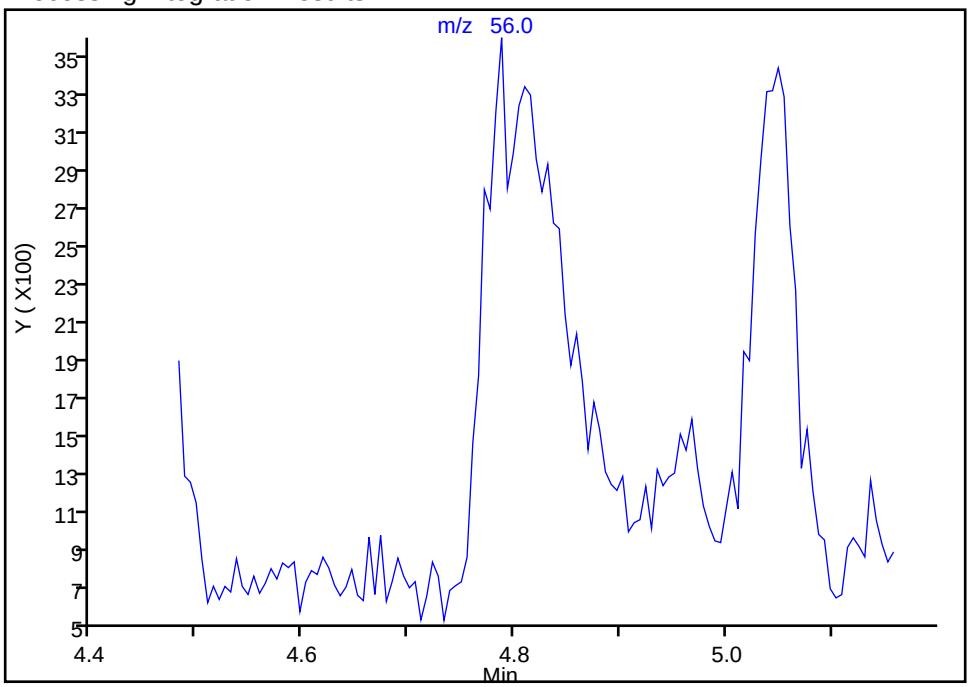
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

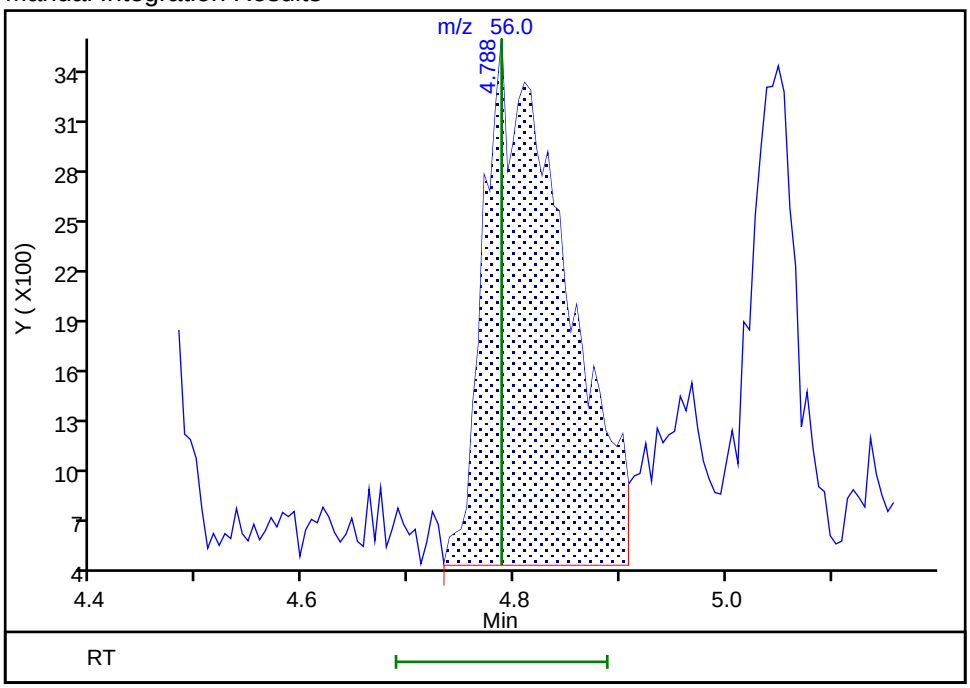
Not Detected
Expected RT: 4.79

Processing Integration Results



Manual Integration Results

RT: 4.79
Area: 16283
Amount: 164.7901
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:32:16
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

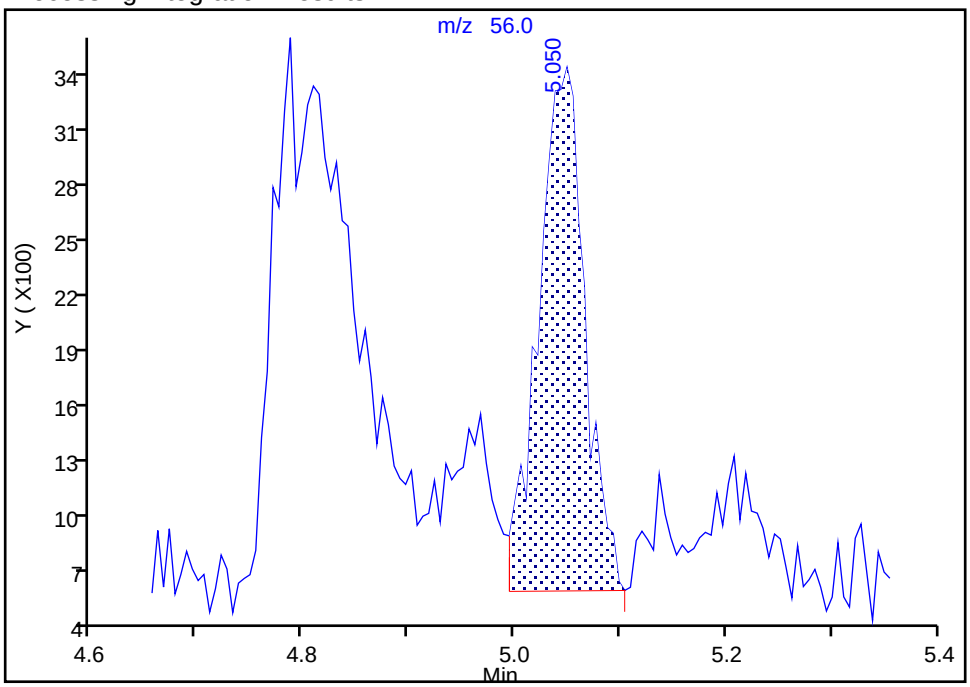
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

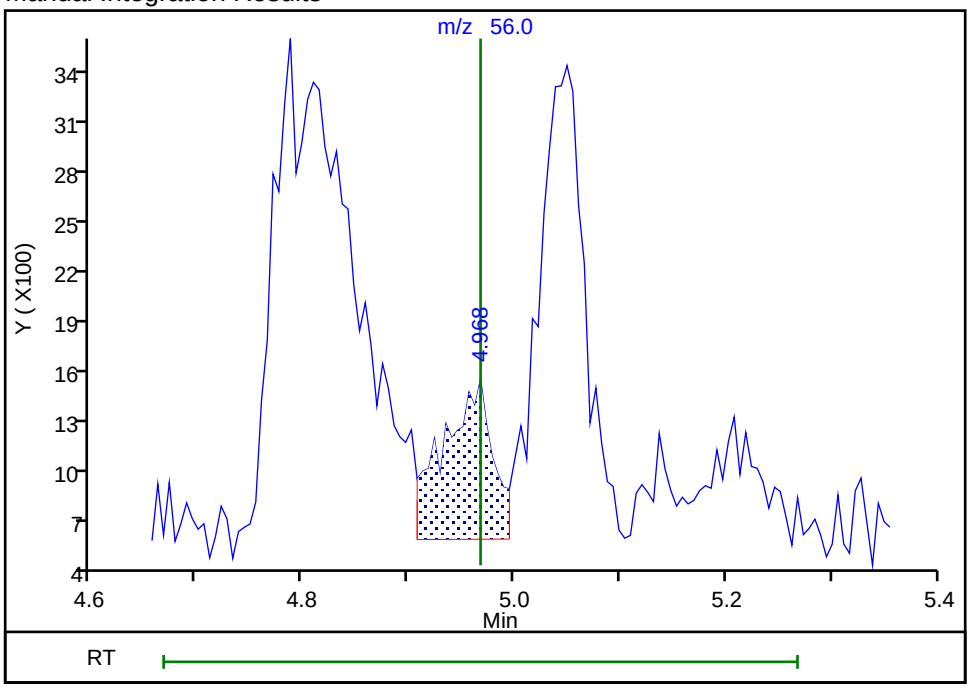
Processing Integration Results

RT: 5.05
Area: 8450
Amount: 8.896811
Amount Units: ug/l



Manual Integration Results

RT: 4.97
Area: 3096
Amount: 4.793062
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:10:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

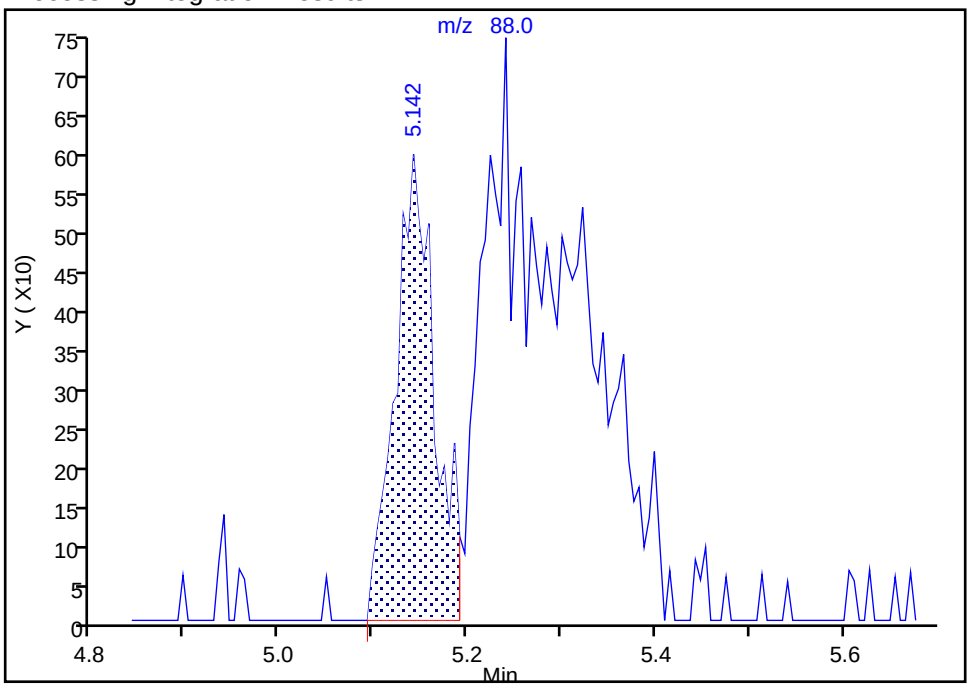
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

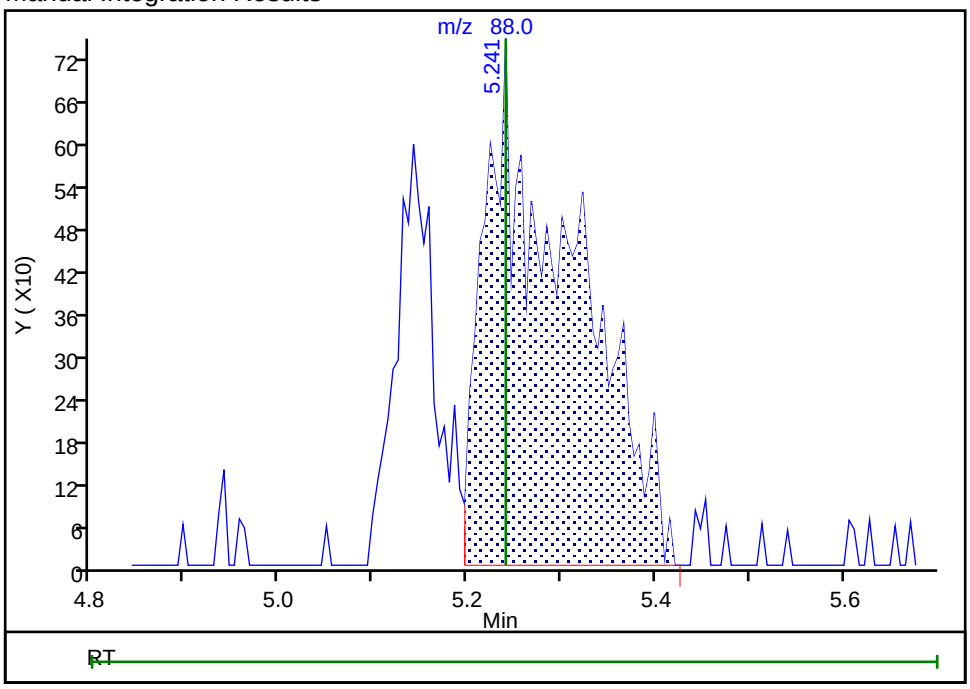
Processing Integration Results

RT: 5.14
Area: 1727
Amount: 42.977428
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 4800
Amount: 113.0853
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:40:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

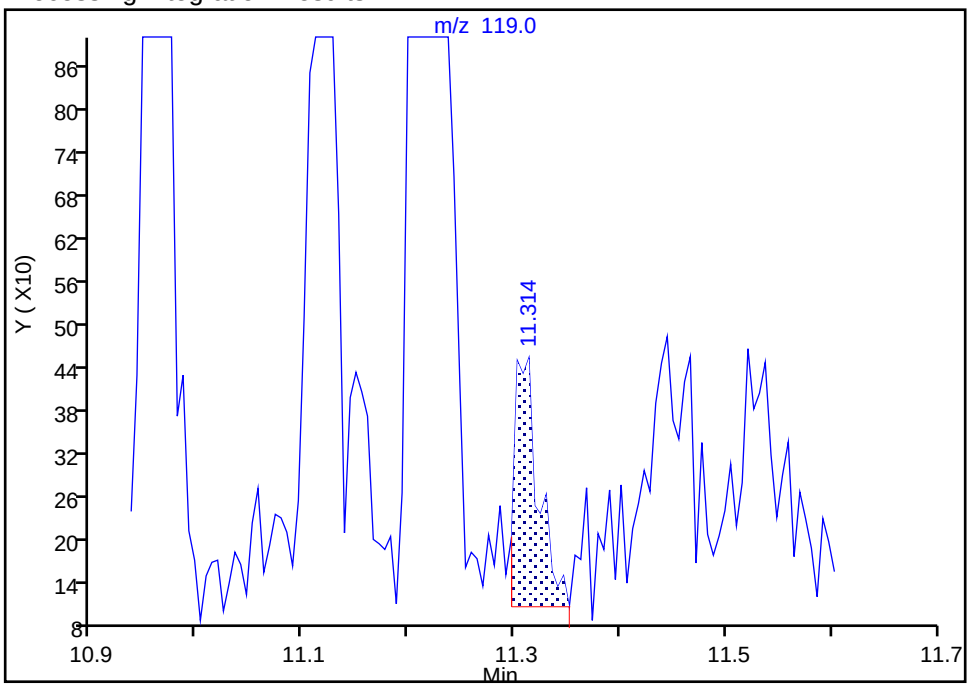
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34451.D
Injection Date: 25-May-2022 12:10:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

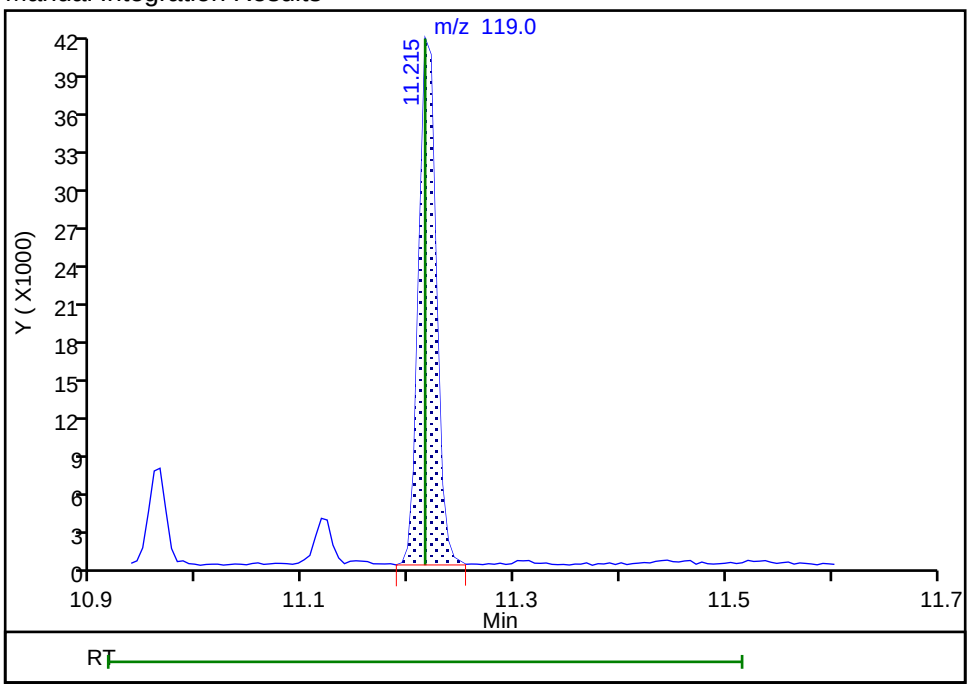
Processing Integration Results

RT: 11.31
Area: 543
Amount: 0.116687
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 47489
Amount: 5.255027
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:41:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 27-May-2022 12:10:26 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 25-May-2022 12:31:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0145738-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-May-2022 12:10:25 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: martineze Date: 25-May-2022 14:10:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.110	1.110	0.000	62	28510	20.0	15.8	
5 Chlorodifluoromethane	67	1.137	1.137	0.000	96	15414	20.0	19.7	a
4 Dichlorodifluoromethane	85	1.137	1.137	0.000	96	109324	20.0	20.0	
6 Chloromethane	50	1.252	1.252	0.000	99	80816	20.0	18.5	
7 Butadiene	54	1.312	1.312	0.000	94	70584	20.0	20.8	
8 Vinyl chloride	62	1.323	1.323	0.000	97	80513	20.0	20.2	
9 Bromomethane	94	1.525	1.525	0.000	97	72566	20.0	21.8	
10 Chloroethane	64	1.547	1.547	0.000	100	42565	20.0	21.2	
11 Dichlorofluoromethane	67	1.688	1.688	0.000	98	119604	20.0	21.1	
13 Pentane	72	1.732	1.732	0.000	95	18701	40.0	42.9	
12 Trichlorofluoromethane	101	1.738	1.738	0.000	60	125449	20.0	21.4	
15 Ethyl ether	59	1.869	1.869	0.000	93	38497	20.0	18.7	
14 Ethanol	46	1.901	1.901	0.000	68	19313	800.0	862.9	Ma
16 2-Methyl-1,3-butadiene	53	1.885	1.885	0.000	92	44698	20.0	18.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.890	1.890	0.000	79	62979	20.0	21.0	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.929	1.929	0.000	95	92298	20.0	20.3	a
19 Acrolein	56	1.956	1.956	0.000	97	60110	300.0	284.5	
21 1,1-Dichloroethene	96	2.027	2.027	0.000	97	56580	20.0	18.8	
20 112TCTFE	101	2.065	2.065	0.000	97	73683	20.0	20.1	
22 Acetone	43	2.059	2.059	0.000	80	88802	100.0	79.2	
23 Iodomethane	142	2.130	2.130	0.000	98	138399	20.0	20.0	
25 Carbon disulfide	76	2.180	2.180	0.000	99	218405	20.0	19.7	
24 Isopropyl alcohol	45	2.158	2.158	0.000	24	41731	200.0	179.0	a
26 3-Chloro-1-propene	39	2.267	2.267	0.000	90	75723	20.0	19.5	
27 Methyl acetate	43	2.283	2.283	0.000	99	60664	40.0	31.6	
29 Acetonitrile	41	2.332	2.332	0.000	30	35608	200.0	183.2	a
28 Cyclopentene	67	2.332	2.332	0.000	95	138543	20.0	19.2	
31 Methylene Chloride	84	2.354	2.354	0.000	90	72527	20.0	19.6	
* 30 TBA-d9 (IS)	65	2.431	2.431	0.000	95	352251	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.501	2.501	0.000	34	110386	200.0	201.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.529	2.529	0.000	94	199448	200.0	199.0	
34 trans-1,2-Dichloroethene	96	2.556	2.556	0.000	94	65213	20.0	19.8	
33 Methyl tert-butyl ether	73	2.567	2.567	0.000	97	183098	20.0	20.3	
36 Hexane	43	2.774	2.774	0.000	92	44512	20.0	18.3	
38 1,1-Dichloroethane	63	2.872	2.872	0.000	99	104945	20.0	20.1	
39 Vinyl acetate	86	2.916	2.916	0.000	100	17768	40.0	36.2	M
37 Isopropyl ether	45	2.949	2.949	0.000	87	183201	20.0	19.9	
40 2-Chloro-1,3-butadiene	88	2.949	2.949	0.000	86	56777	20.0	19.5	
41 Tert-butyl ethyl ether	87	3.244	3.244	0.000	90	83138	20.0	19.6	
* 42 2-Butanone-d5	46	3.320	3.320	0.000	97	209465	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.353	3.353	0.000	98	75492	20.0	19.9	
43 2,2-Dichloropropane	79	3.374	3.374	0.000	90	35793	20.0	19.4	
46 2-Butanone (MEK)	72	3.369	3.369	0.000	99	34754	100.0	101.0	a
45 Ethyl acetate	70	3.413	3.413	0.000	98	10977	40.0	41.9	
47 Methyl acrylate	55	3.429	3.429	0.000	97	53279	20.0	18.5	a
48 Propionitrile	54	3.424	3.424	0.000	94	83520	200.0	188.8	
51 Methacrylonitrile	67	3.549	3.549	0.000	90	221256	200.0	198.1	
50 Chlorobromomethane	128	3.555	3.555	0.000	75	41462	20.0	19.5	
49 Tetrahydrofuran	72	3.625	3.625	0.000	77	16678	40.0	39.7	
52 Chloroform	83	3.636	3.636	0.000	99	117281	20.0	19.7	
$ 55 Dibromofluoromethane (Surr)	113	3.778	3.778	0.000	97	151401	50.0	49.4	
54 1,1,1-Trichloroethane	97	3.811	3.811	0.000	98	113597	20.0	19.8	
53 Cyclohexane	84	3.876	3.876	0.000	90	97091	20.0	19.1	
57 1,1-Dichloropropene	75	3.964	3.964	0.000	97	77273	20.0	19.1	
56 Carbon tetrachloride	117	3.969	3.969	0.000	98	97793	20.0	19.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.095	4.095	0.000	0	136381	50.0	48.8	
58 Isobutyl alcohol	74	4.155	4.155	0.000	92	24599	500.0	499.9	a
60 Benzene	78	4.155	4.155	0.000	94	237117	20.0	20.1	
64 1,2-Dichloroethane	62	4.171	4.171	0.000	95	76996	20.0	18.8	
59 Isooctane	57	4.253	4.253	0.000	90	207247	20.0	18.5	
62 Isopropyl acetate	61	4.264	4.264	0.000	70	21929	20.0	20.2	a
63 Tert-amyl methyl ether	73	4.286	4.286	0.000	97	195553	20.0	19.6	
* 66 Fluorobenzene	96	4.433	4.433	0.000	98	468489	50.0	50.0	
65 n-Heptane	43	4.455	4.444	0.011	82	79279	20.0	18.2	a
68 n-Butanol	56	4.771	4.771	0.000	49	54870	500.0	575.1	
69 Trichloroethene	95	4.820	4.820	0.000	97	61779	20.0	19.1	
70 Ethyl acrylate	55	4.951	4.951	0.000	98	59007	20.0	19.4	a
71 Methylcyclohexane	83	5.044	5.044	0.000	94	118228	20.0	19.4	
72 1,2-Dichloropropane	63	5.060	5.060	0.000	92	59305	20.0	19.8	
* 73 1,4-Dioxane-d8	96	5.164	5.164	0.000	90	28793	1000.0	1000.0	
77 Dibromomethane	93	5.181	5.181	0.000	95	42220	20.0	20.3	
74 Methyl methacrylate	69	5.213	5.213	0.000	85	69872	40.0	39.4	
75 1,4-Dioxane	88	5.213	5.213	0.000	30	18343	400.0	429.1	a
76 n-Propyl acetate	43	5.301	5.301	0.000	98	65842	20.0	20.3	
78 Dichlorobromomethane	83	5.372	5.372	0.000	99	84486	20.0	19.7	
79 2-Nitropropane	41	5.639	5.639	0.000	99	27411	40.0	45.7	
67 2-Chloroethyl vinyl ether	63	5.753	5.753	0.000	90	6462	20.0	16.8	
80 Epichlorohydrin	57	5.813	5.813	0.000	99	100978	400.0	399.6	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	93	91274	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.146	6.146	0.000	96	283585	100.0	106.4	
$ 83 Toluene-d8 (Surr)	98	6.255	6.255	0.000	99	509236	50.0	49.8	
84 Toluene	91	6.337	6.337	0.000	93	250110	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.637	6.637	0.000	98	81855	20.0	20.7	
86 Ethyl methacrylate	69	6.817	6.817	0.000	88	73662	20.0	20.7	
87 1,1,2-Trichloroethane	83	6.872	6.872	0.000	95	43514	20.0	21.5	
88 Tetrachloroethene	166	7.058	7.058	0.000	97	67158	20.0	20.0	
89 1,3-Dichloropropane	76	7.096	7.096	0.000	92	77961	20.0	20.7	
90 2-Hexanone	43	7.265	7.265	0.000	95	156655	100.0	99.9	
92 Chlorodibromomethane	129	7.396	7.396	0.000	97	69585	20.0	21.0	
91 n-Butyl acetate	43	7.489	7.489	0.000	98	75660	20.0	20.3	
93 Ethylene Dibromide	107	7.532	7.532	0.000	97	55784	20.0	20.2	
* 94 Chlorobenzene-d5	117	8.231	8.231	0.000	84	354830	50.0	50.0	
95 Chlorobenzene	112	8.269	8.269	0.000	97	173368	20.0	21.1	
97 1,1,1,2-Tetrachloroethane	131	8.416	8.416	0.000	96	85758	20.0	21.6	
96 Ethylbenzene	106	8.476	8.476	0.000	98	97818	20.0	20.6	
98 m-Xylene & p-Xylene	106	8.656	8.656	0.000	0	121157	20.0	20.1	
100 o-Xylene	106	9.169	9.169	0.000	94	132001	20.0	21.0	
101 Styrene	104	9.191	9.191	0.000	96	201305	20.0	21.3	
99 n-Butyl acrylate	73	9.213	9.213	0.000	99	44734	20.0	23.1	
103 Bromoform	173	9.371	9.371	0.000	97	49125	20.0	21.4	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	91	75953	20.0	18.4	
104 Isopropylbenzene	105	9.622	9.622	0.000	95	355488	20.0	21.6	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	96	167735	50.0	49.6	
106 Bromobenzene	156	9.900	9.900	0.000	91	87697	20.0	20.9	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.949	0.000	98	85731	20.0	21.3	
109 1,2,3-Trichloropropane	110	9.971	9.971	0.000	97	24350	20.0	21.3	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.009	0.000	95	18231	20.0	20.6	
108 N-Propylbenzene	91	10.059	10.059	0.000	99	389021	20.0	21.0	
111 2-Chlorotoluene	91	10.119	10.119	0.000	97	234391	20.0	21.2	
112 4-Ethyltoluene	105	10.179	10.179	0.000	99	327695	20.0	20.8	
114 4-Chlorotoluene	91	10.228	10.228	0.000	98	251046	20.0	21.0	
113 1,3,5-Trimethylbenzene	105	10.250	10.250	0.000	93	311214	20.0	21.4	
115 Butyl Methacrylate	87	10.386	10.386	0.000	89	77493	20.0	18.7	
116 tert-Butylbenzene	119	10.550	10.550	0.000	94	241629	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	10.593	10.593	0.000	97	326178	20.0	20.8	
118 sec-Butylbenzene	105	10.751	10.751	0.000	99	396669	20.0	21.5	
120 1,3-Dichlorobenzene	146	10.817	10.817	0.000	97	168806	20.0	21.4	
* 121 1,4-Dichlorobenzene-d4	152	10.882	10.882	0.000	95	214907	50.0	50.0	
119 4-Isopropyltoluene	119	10.888	10.888	0.000	98	353640	20.0	21.8	
122 1,4-Dichlorobenzene	146	10.899	10.899	0.000	96	169834	20.0	21.8	
123 1,2,3-Trimethylbenzene	105	10.959	10.959	0.000	98	353915	20.0	21.7	
124 Benzyl chloride	91	11.024	11.024	0.000	99	157056	20.0	21.1	
125 2,3-Dihydroindene	117	11.117	11.117	0.000	94	328772	20.0	22.0	
128 1,2-Dichlorobenzene	146	11.210	11.210	0.000	97	181410	20.0	22.1	
126 p-Diethylbenzene	119	11.215	11.215	0.000	96	187776	20.0	22.1	a
127 n-Butylbenzene	92	11.237	11.237	0.000	98	177027	20.0	21.5	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.832	0.000	97	366292	20.0	21.8	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	85	24879	20.0	21.2	
131 1,3,5-Trichlorobenzene	180	12.006	12.006	0.000	98	152463	20.0	21.5	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	94	144470	20.0	21.4	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	93	60388	20.0	20.8	
134 Naphthalene	128	12.628	12.628	0.000	99	346912	20.0	20.6	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	95	146566	20.0	21.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.1	
S 139 Total BTEX	1				0		100.0	101.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00477	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

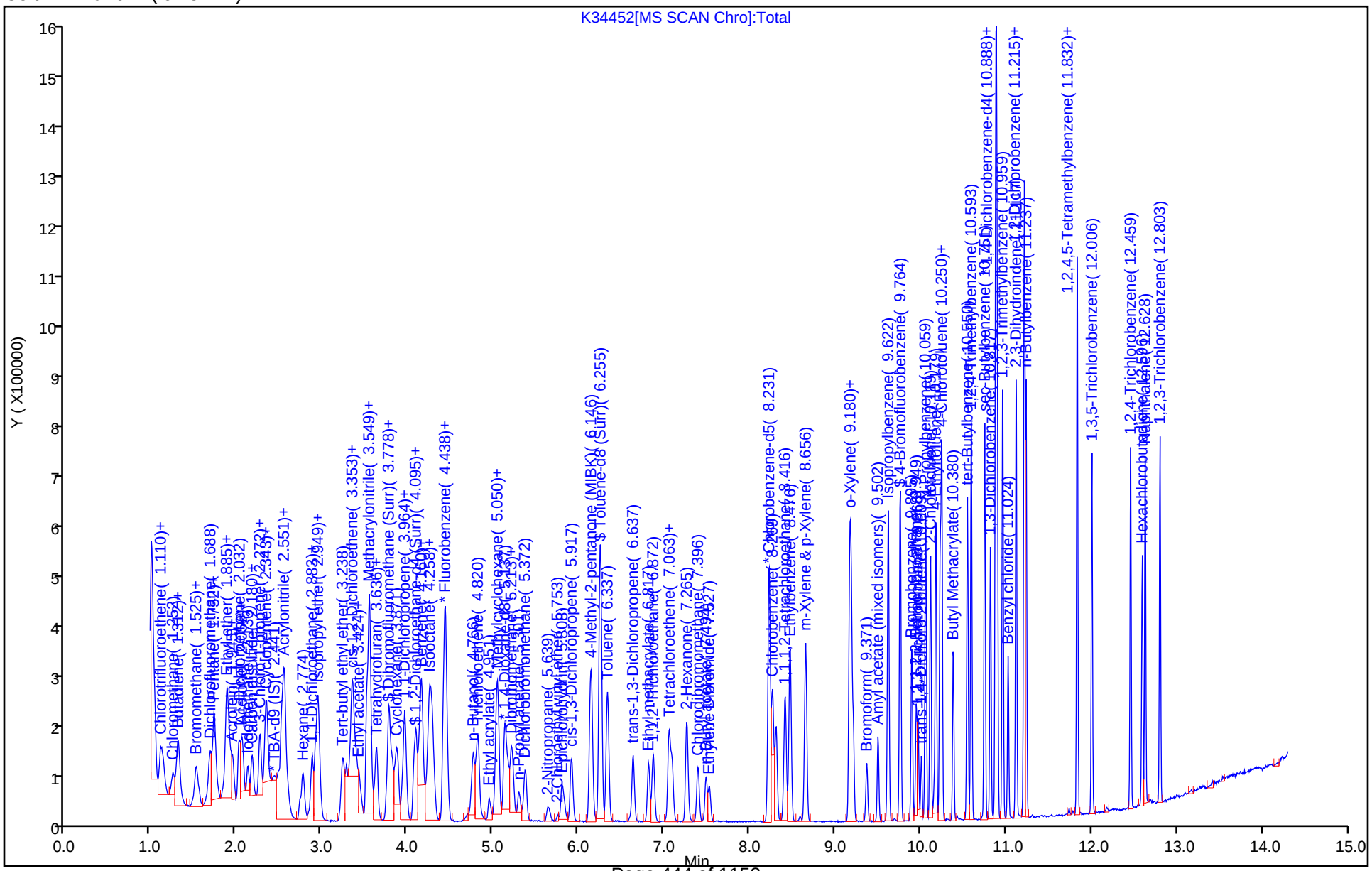
Report Date: 27-May-2022 12:10:26 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D

Injection Date:	25-May-2022 12:31:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

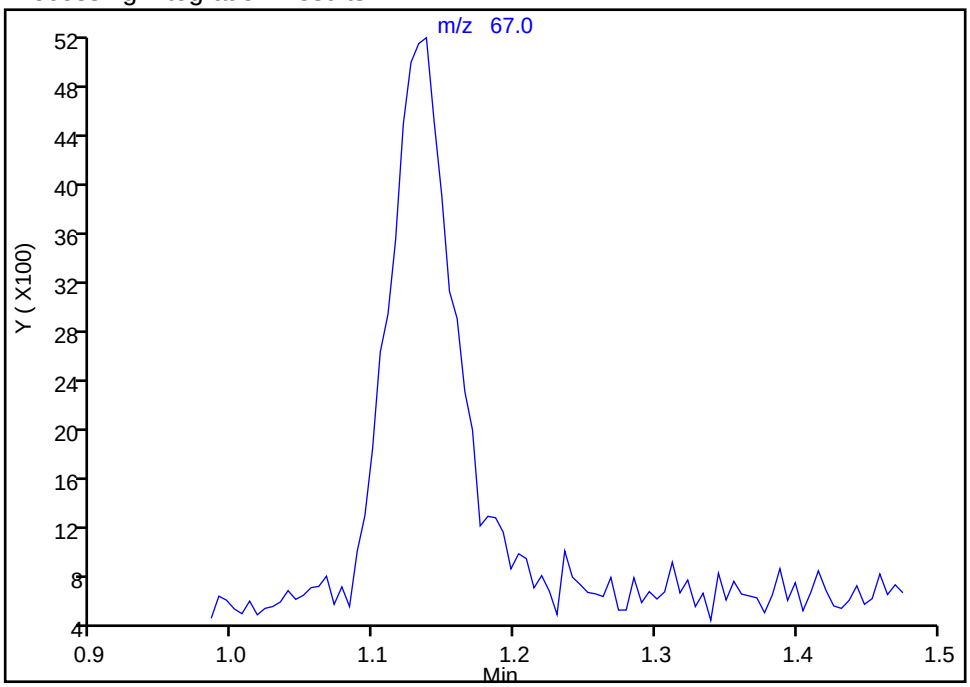
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Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

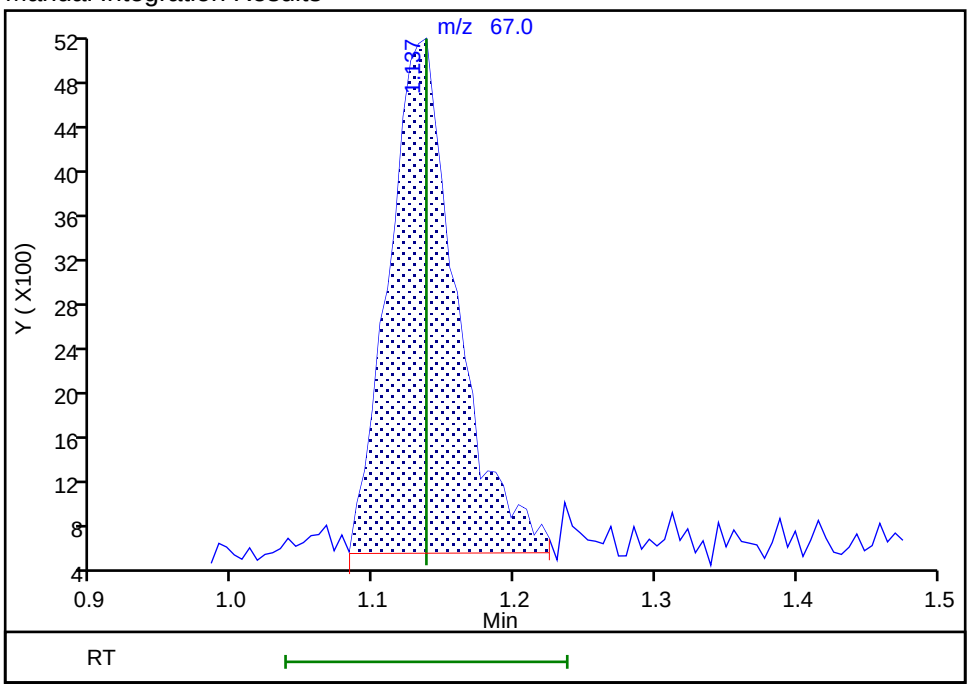
Not Detected
Expected RT: 1.14

Processing Integration Results



Manual Integration Results

RT: 1.14
Area: 15414
Amount: 19.705017
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:12:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

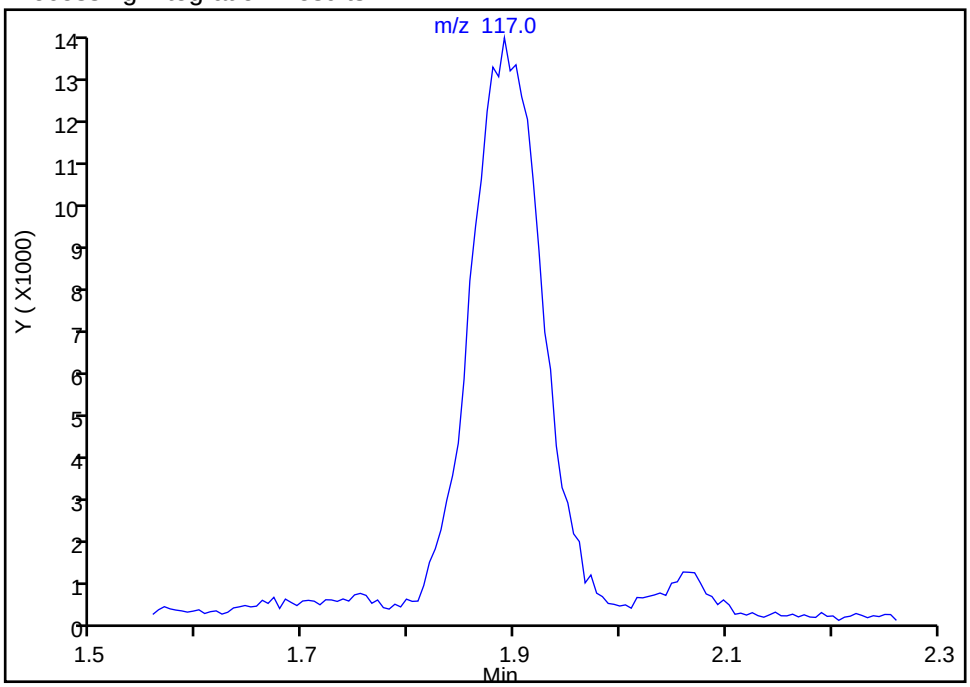
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Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

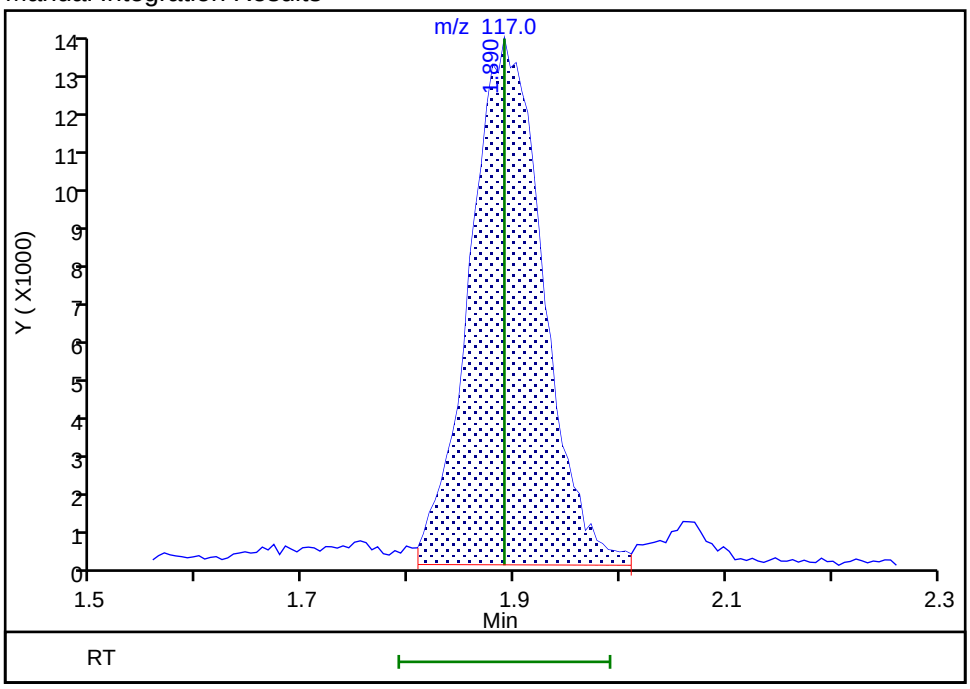
Not Detected
Expected RT: 1.89

Processing Integration Results



Manual Integration Results

RT: 1.89
Area: 62979
Amount: 20.984953
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:12:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

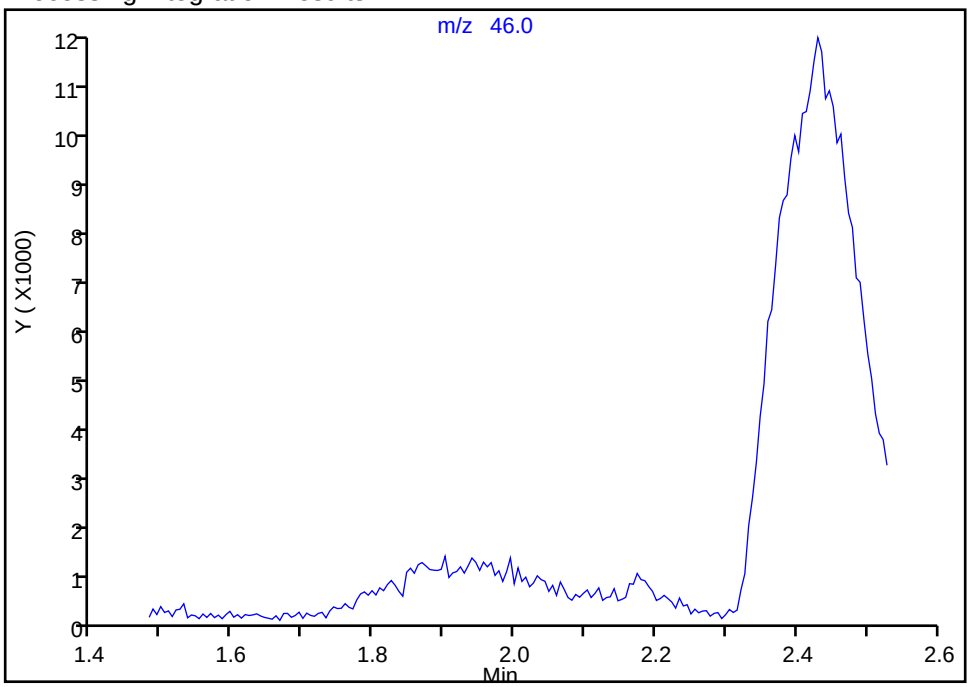
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Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

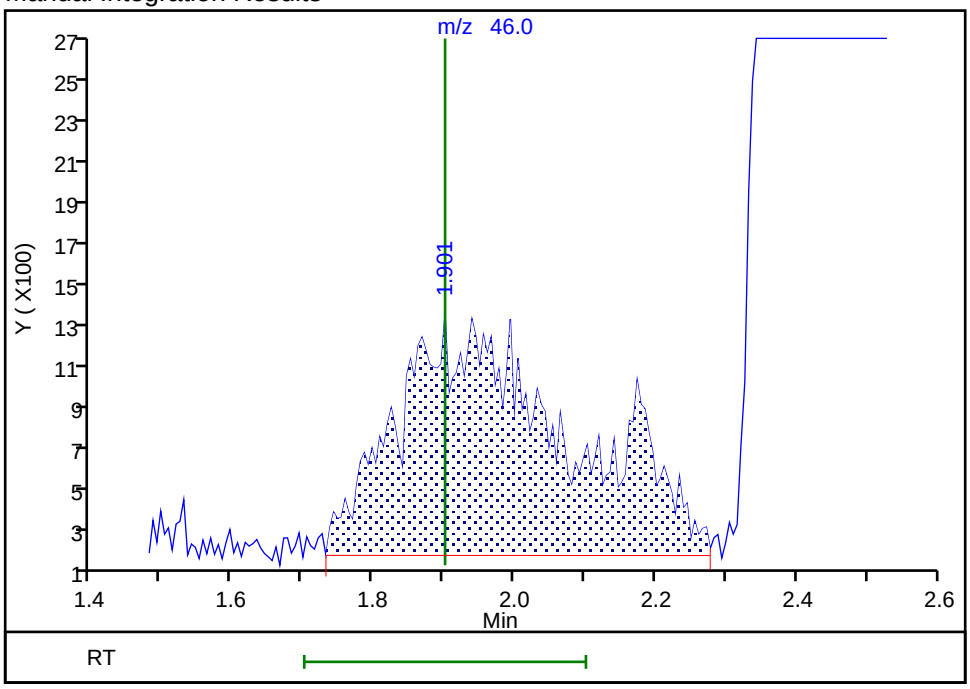
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 19313
Amount: 862.9334
Amount Units: ug/l



Reviewer: baronm, 27-May-2022 11:57:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

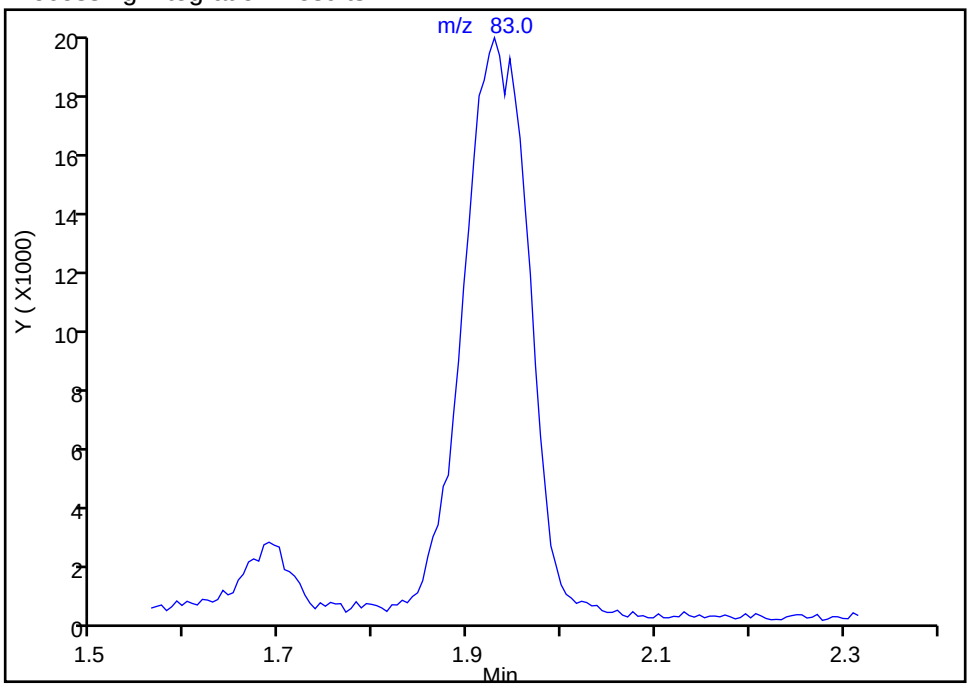
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

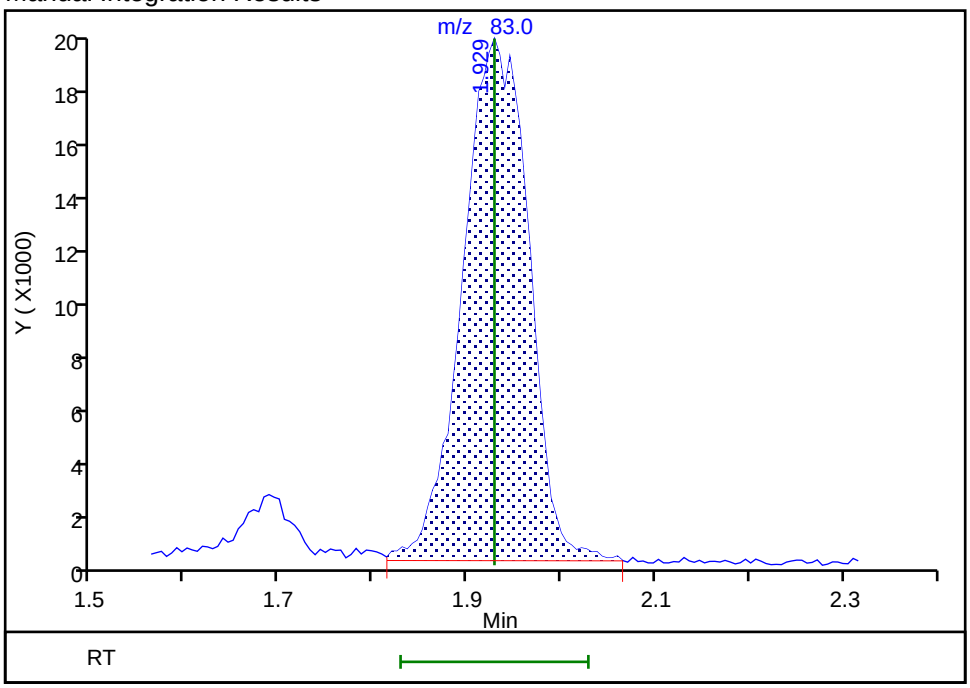
Not Detected
Expected RT: 1.93

Processing Integration Results



Manual Integration Results

RT: 1.93
Area: 92298
Amount: 20.307613
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:12:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

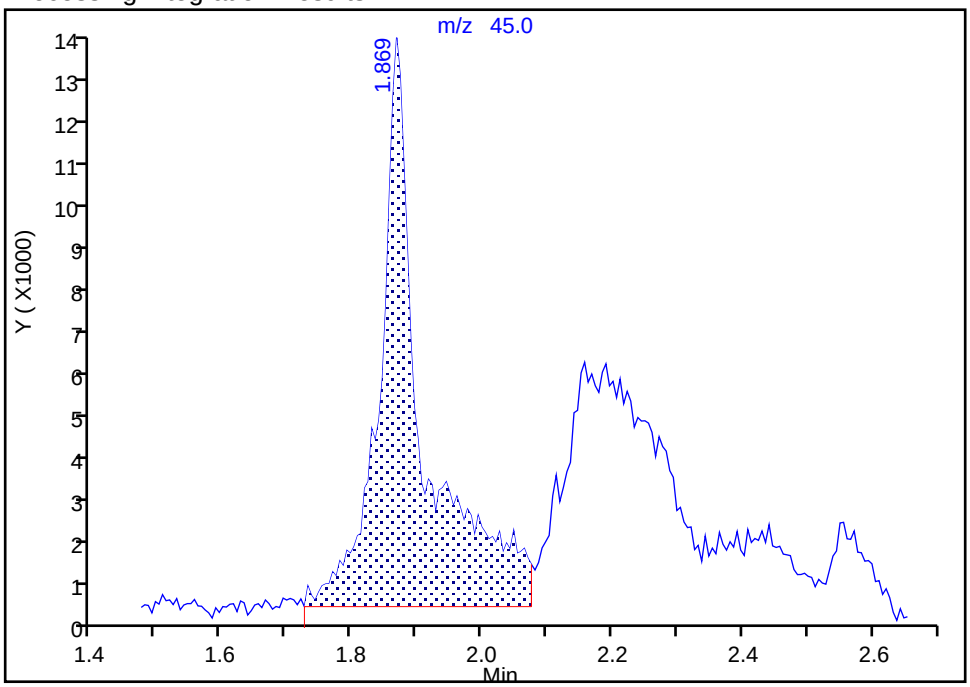
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

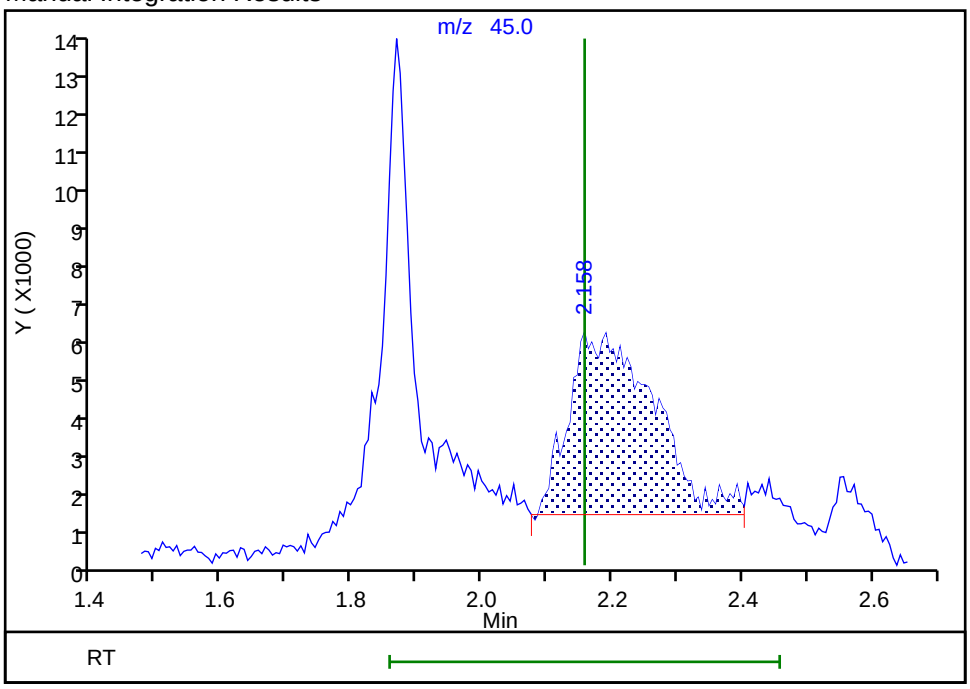
Processing Integration Results

RT: 1.87
Area: 60608
Amount: 209.1117
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 41731
Amount: 179.0173
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:12:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

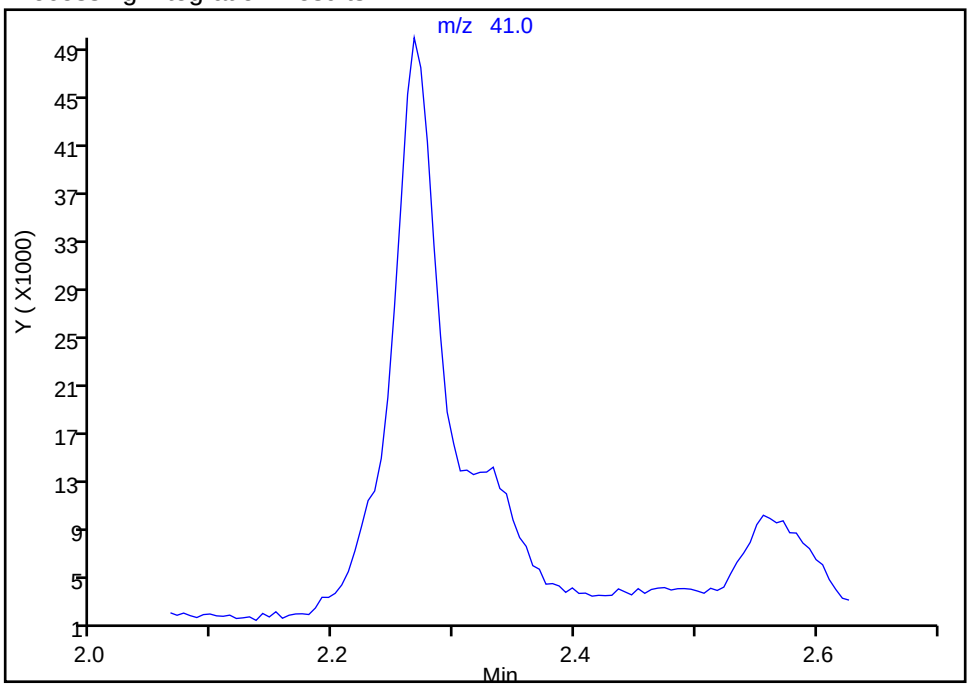
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

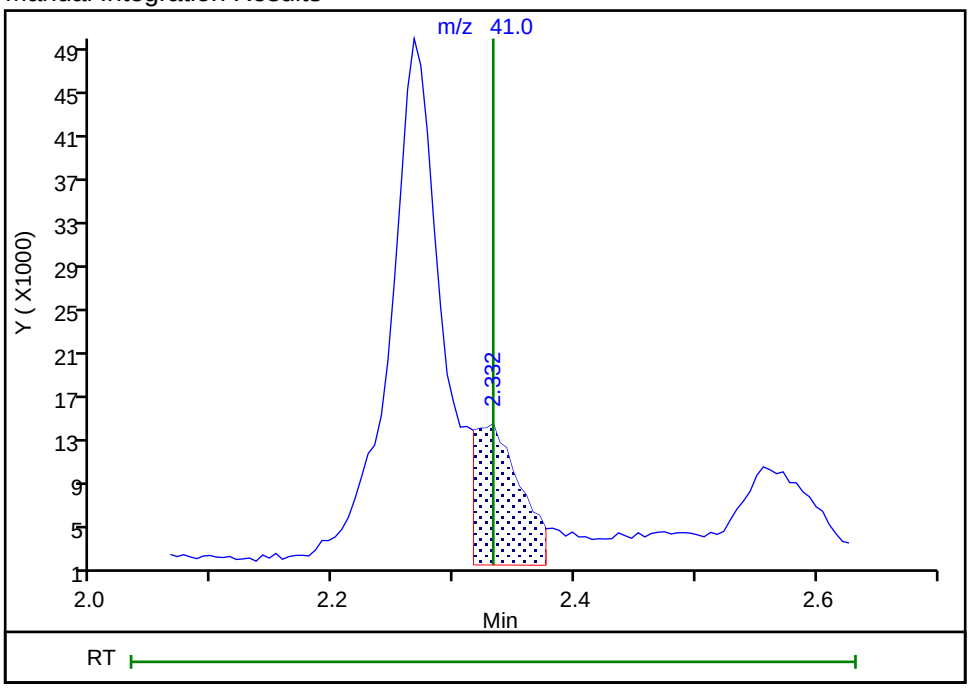
Not Detected
Expected RT: 2.33

Processing Integration Results



Manual Integration Results

RT: 2.33
Area: 35608
Amount: 183.2370
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:12:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

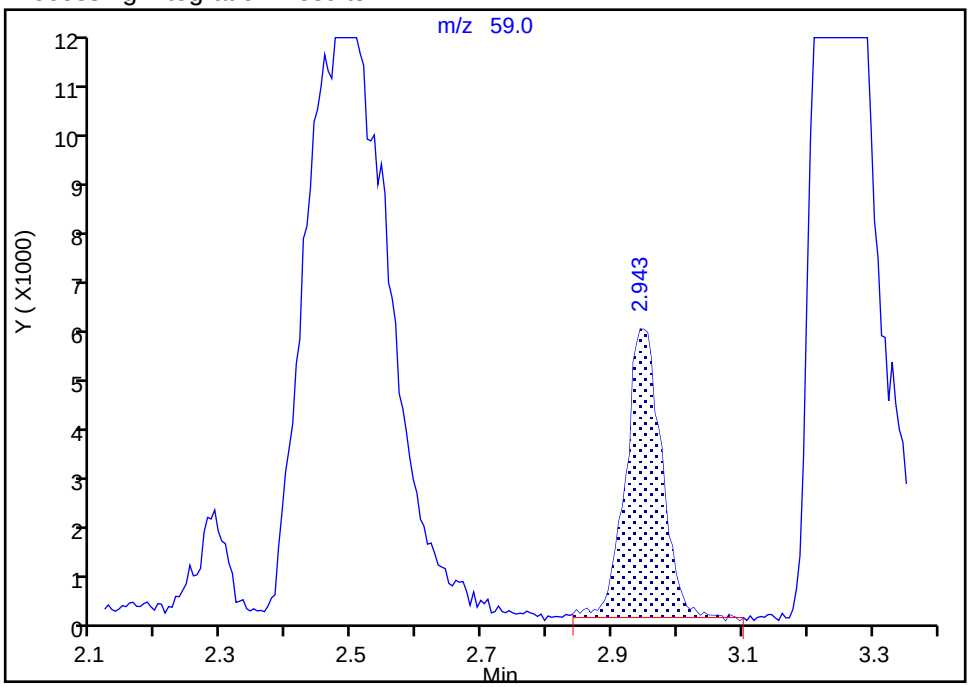
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

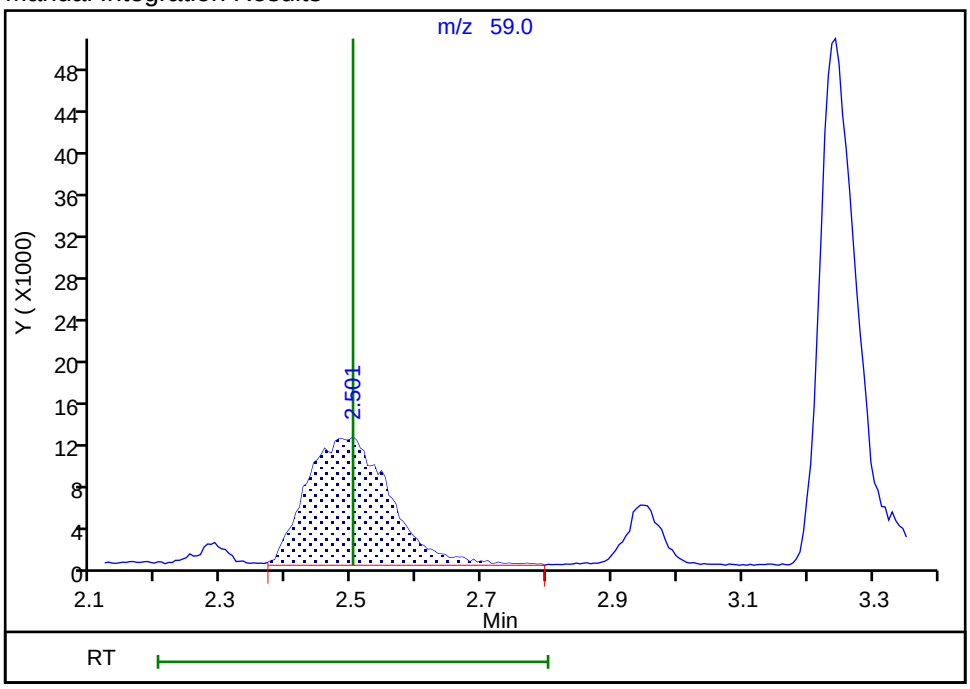
Processing Integration Results

RT: 2.94
Area: 22054
Amount: 228.7577
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 110386
Amount: 201.2930
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:13:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

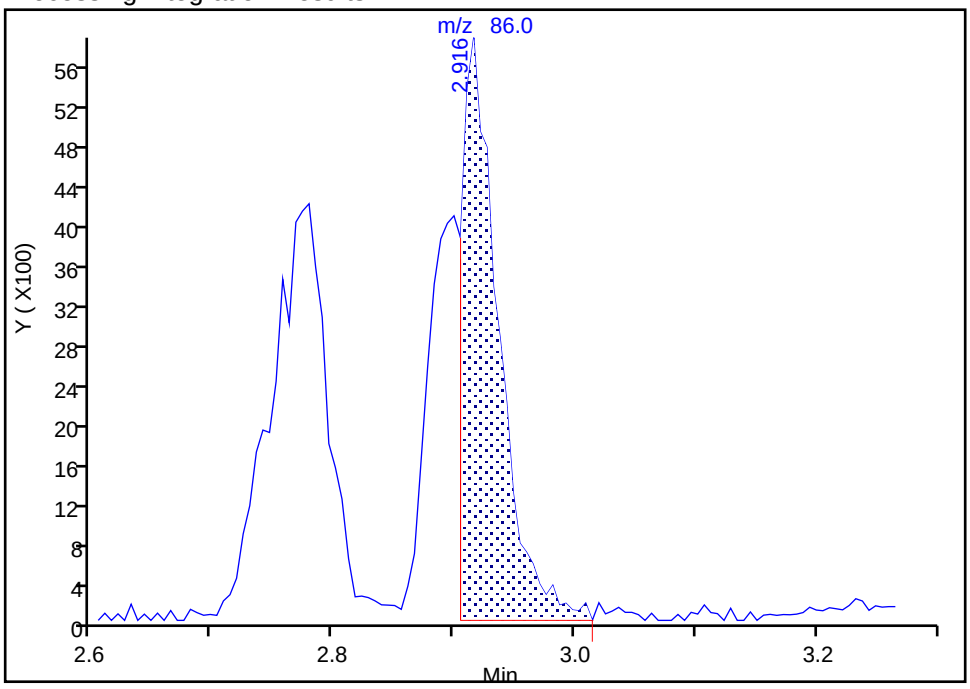
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

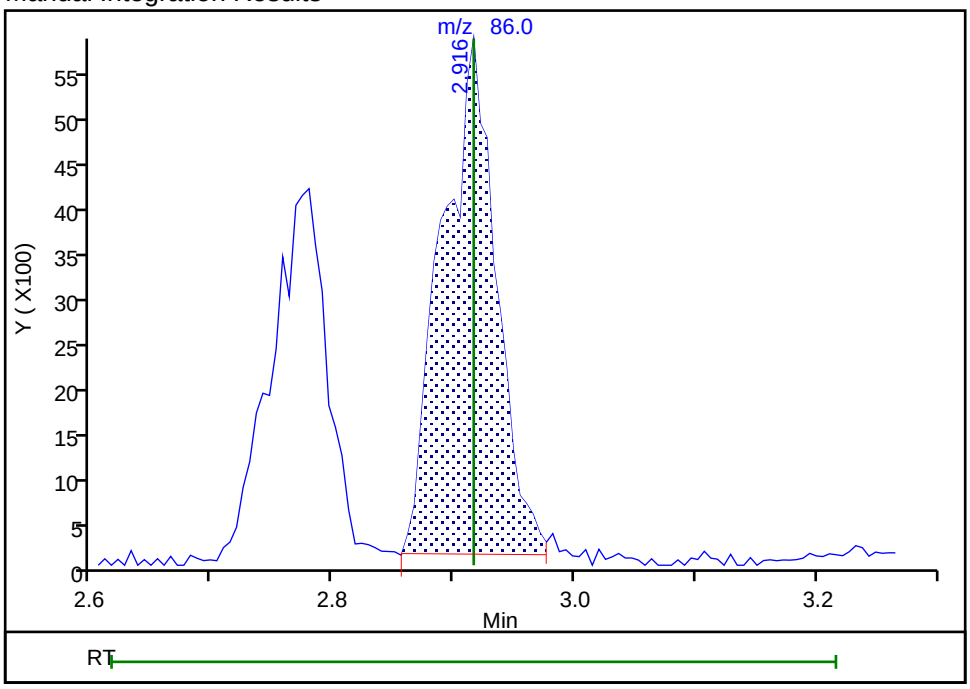
Processing Integration Results

RT: 2.92
Area: 12364
Amount: 32.090111
Amount Units: ug/l



Manual Integration Results

RT: 2.92
Area: 17768
Amount: 36.178704
Amount Units: ug/l



Reviewer: baronm, 27-May-2022 11:58:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

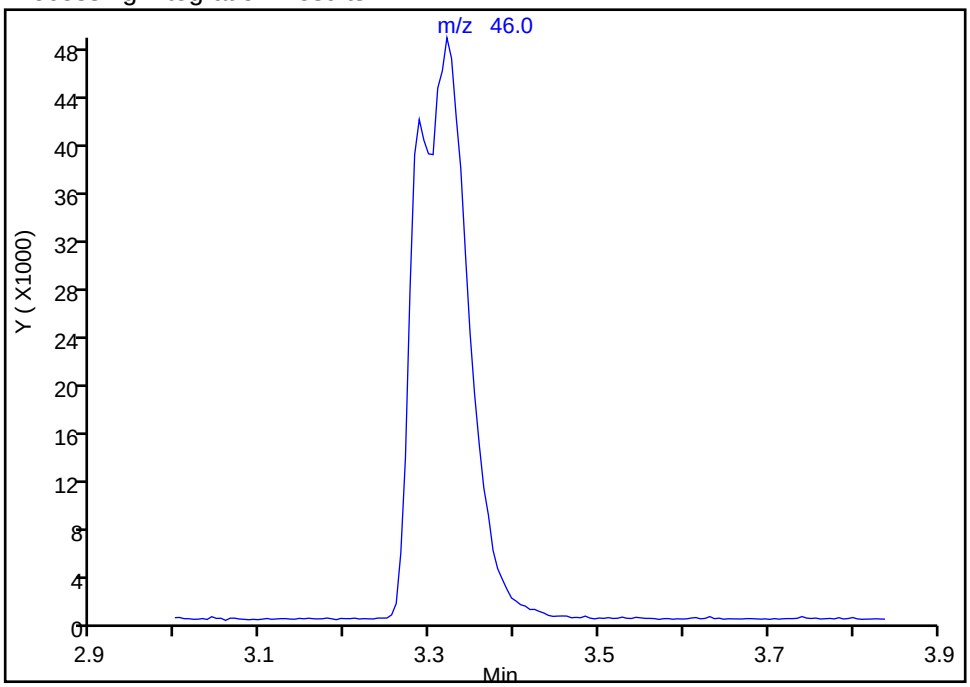
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

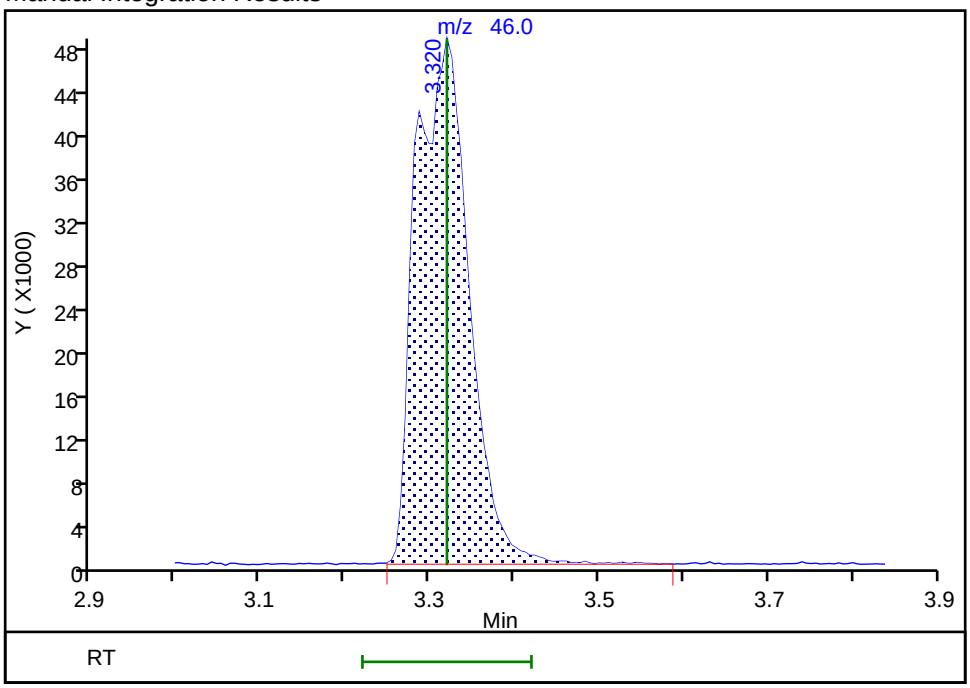
Not Detected
Expected RT: 3.32

Processing Integration Results



Manual Integration Results

RT: 3.32
Area: 209465
Amount: 250.0000
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:13:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

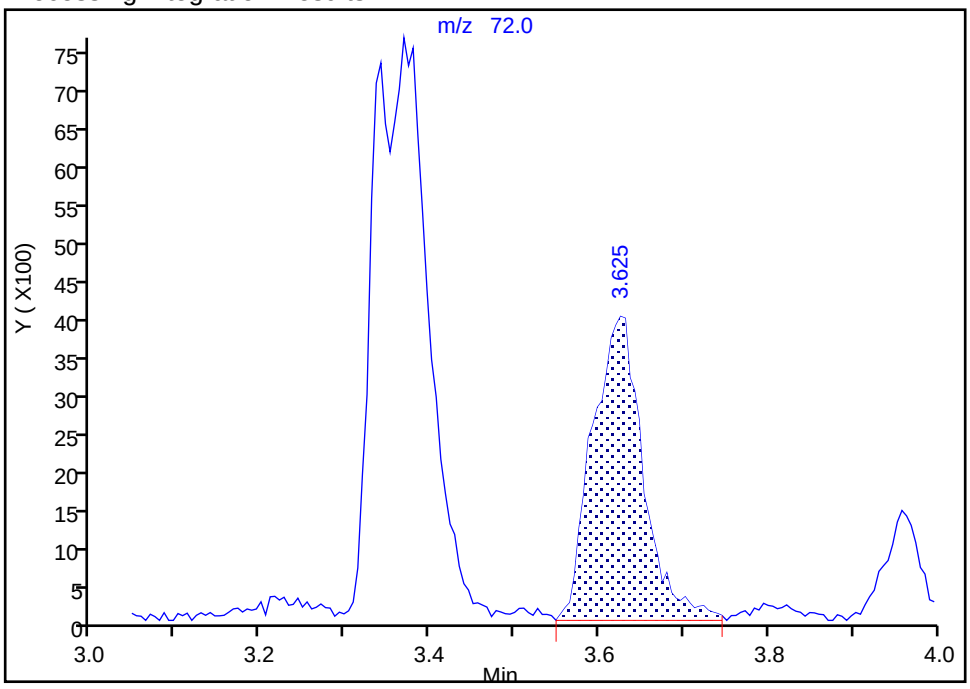
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

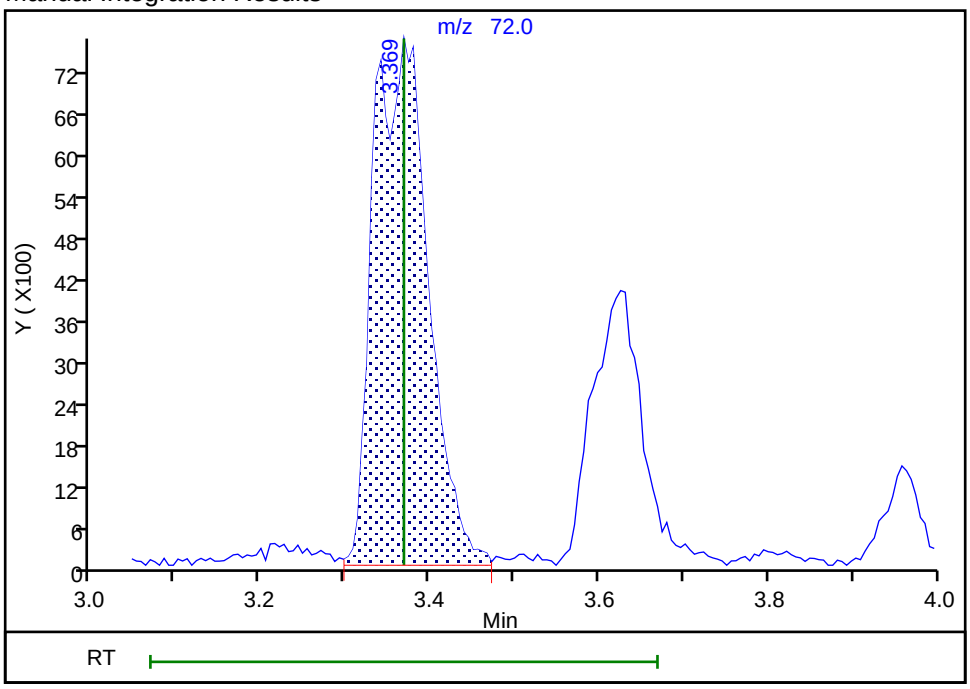
Processing Integration Results

RT: 3.63
Area: 16678
Amount: 151.1958
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 34754
Amount: 101.0298
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:14:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

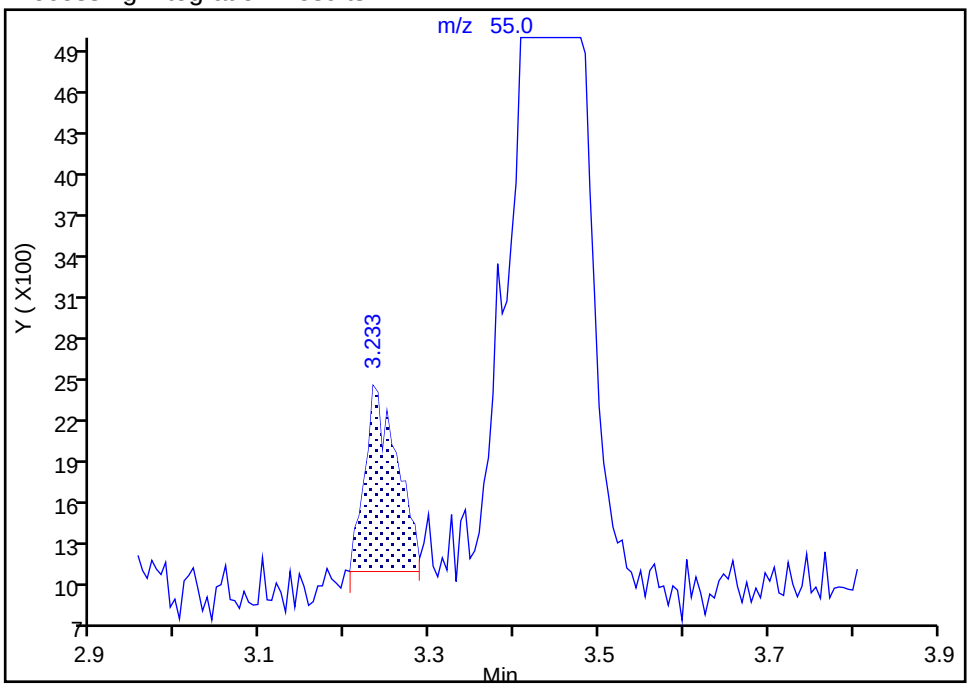
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

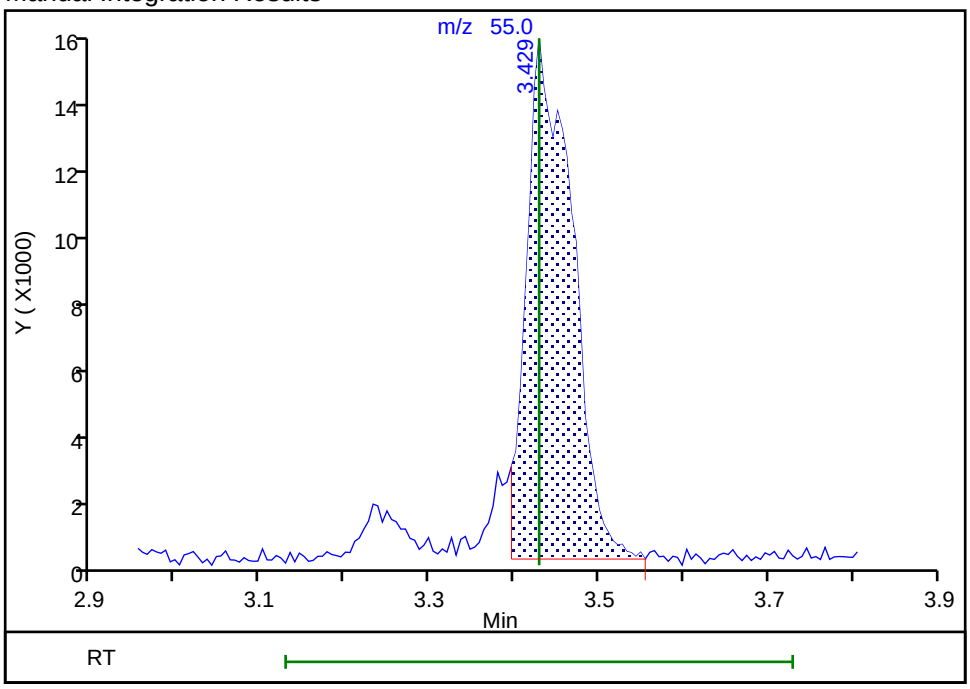
Processing Integration Results

RT: 3.23
Area: 3448
Amount: 2.824369
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 53279
Amount: 18.546746
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:14:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

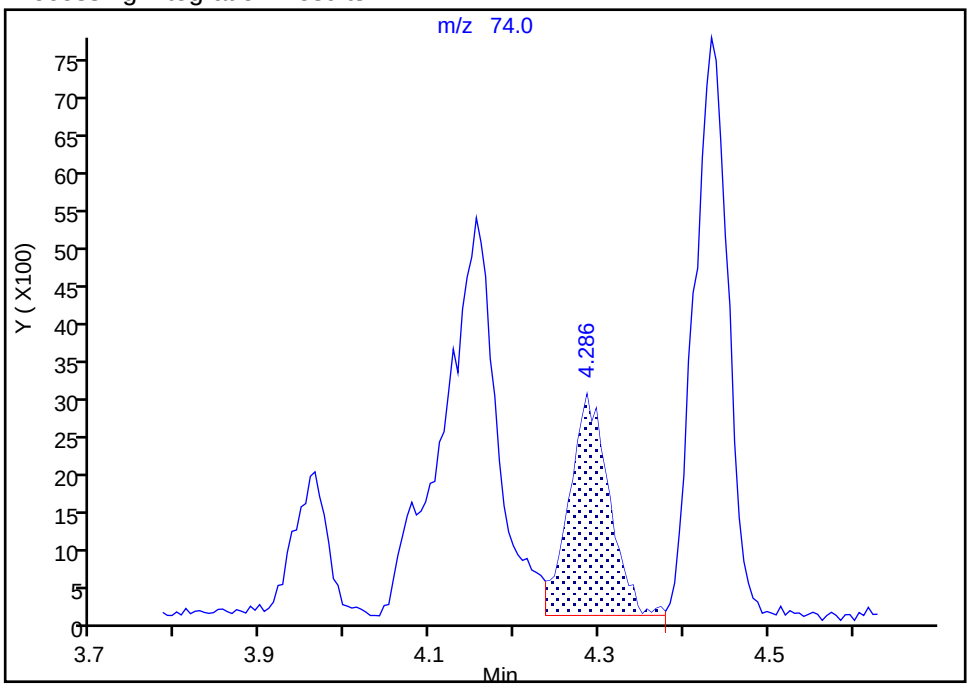
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

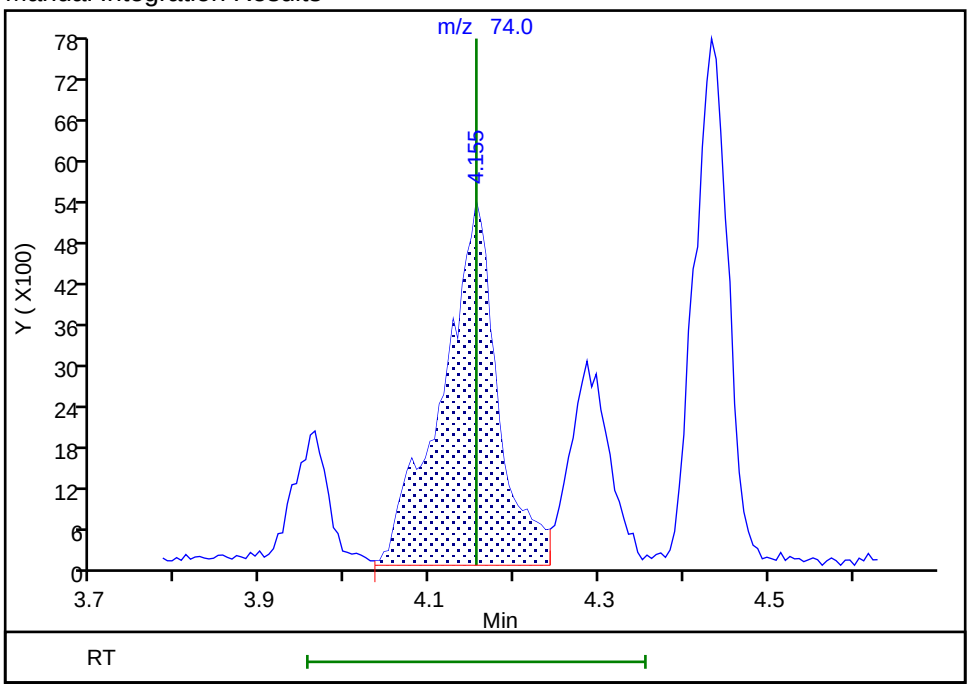
Processing Integration Results

RT: 4.29
Area: 9631
Amount: 263.9716
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 24599
Amount: 499.8915
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:16:35
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

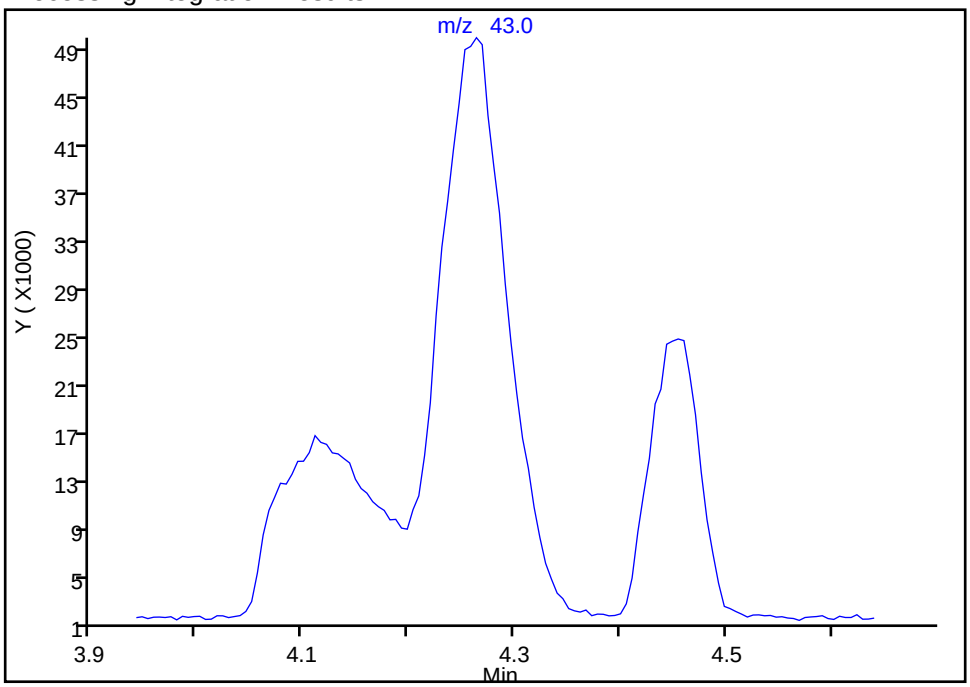
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

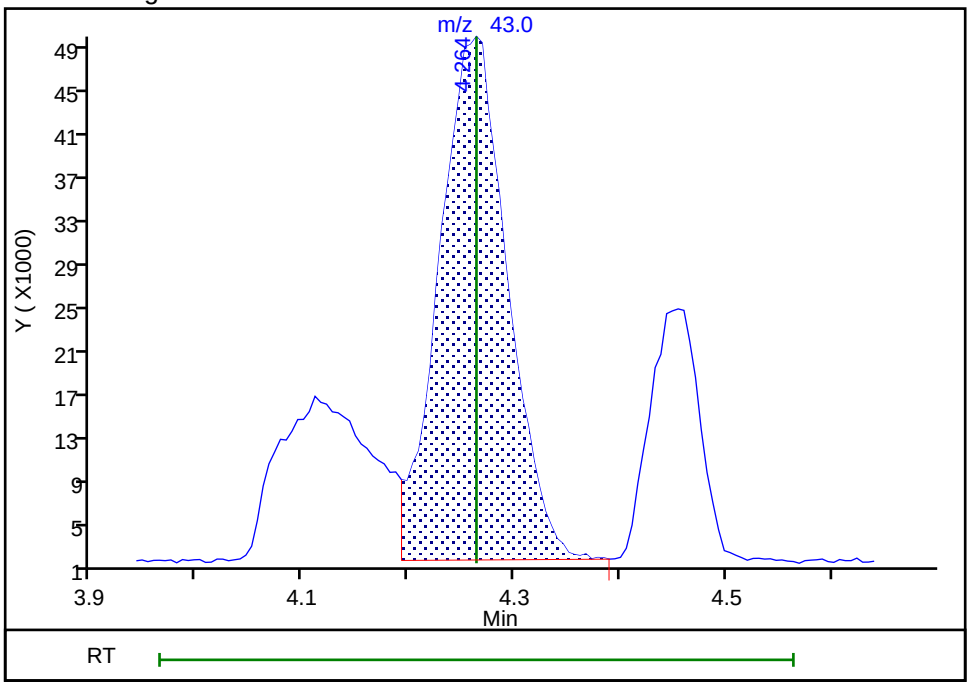
Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 219174
Amount: 20.221231
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:28:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

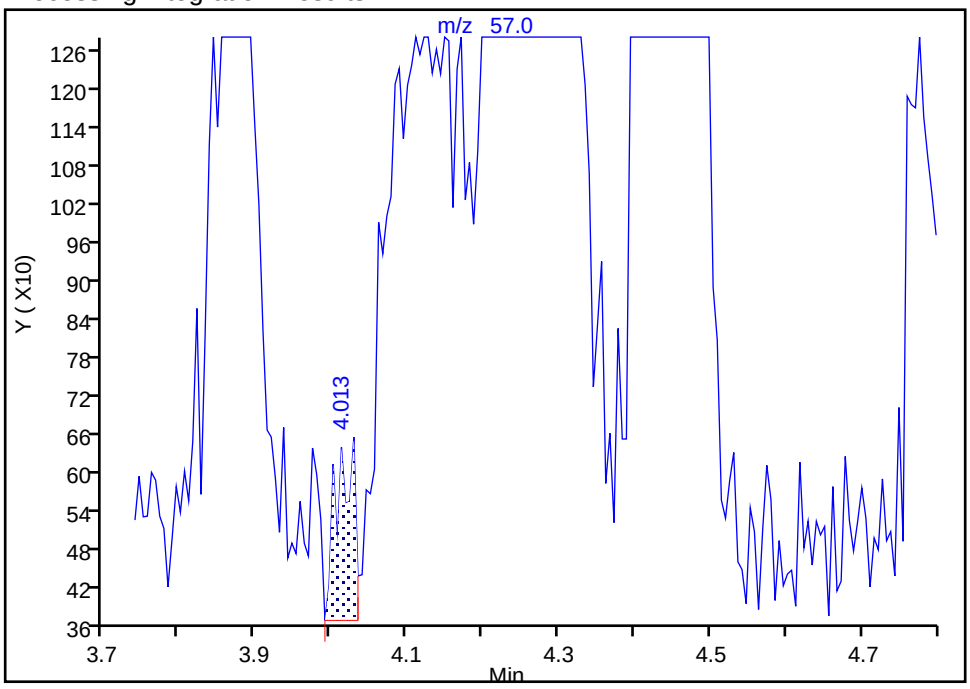
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

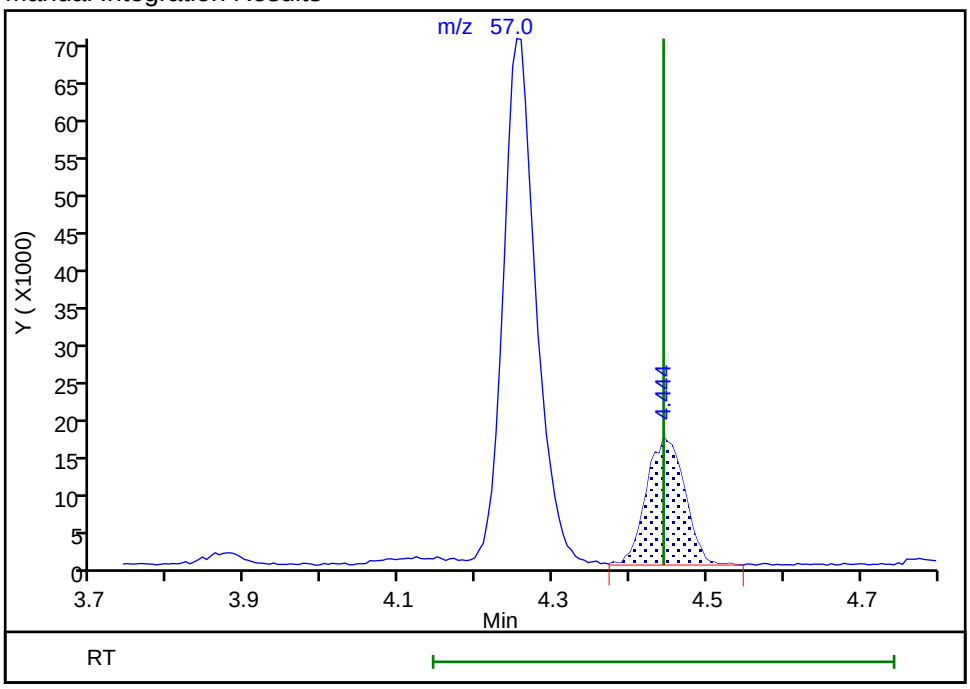
Processing Integration Results

RT: 4.01
Area: 461
Amount: 0.166357
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 59067
Amount: 18.190629
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:17:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

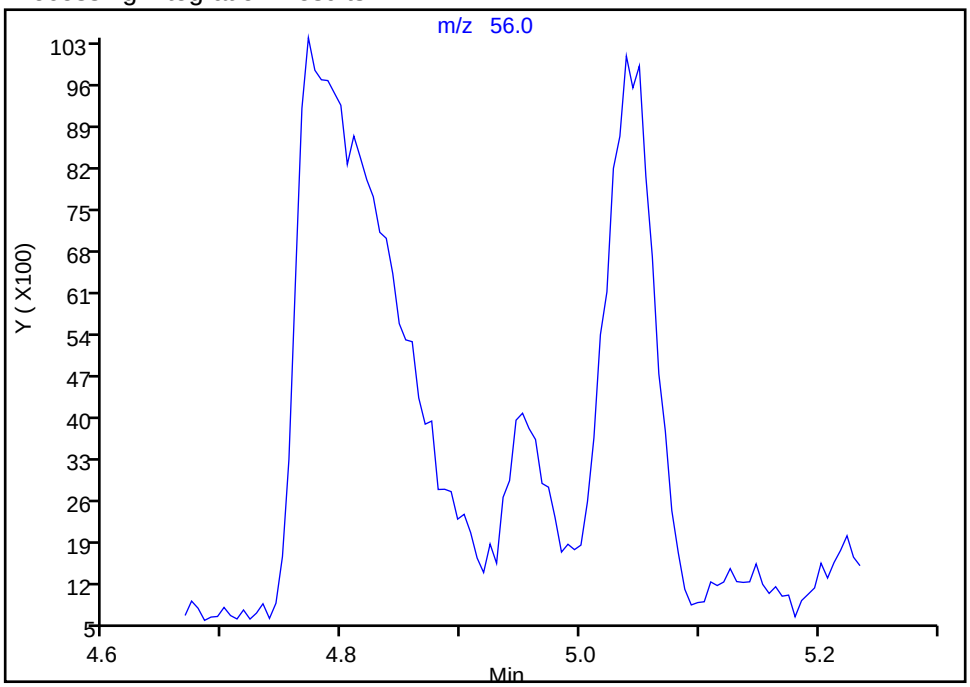
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

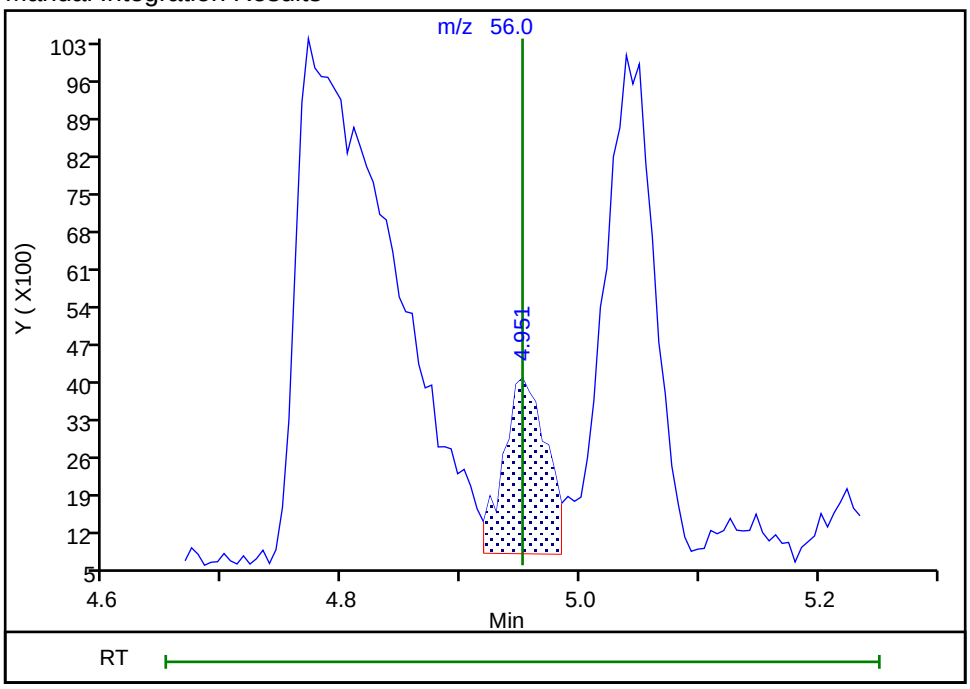
Not Detected
Expected RT: 4.95

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 8307
Amount: 19.425138
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:10:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

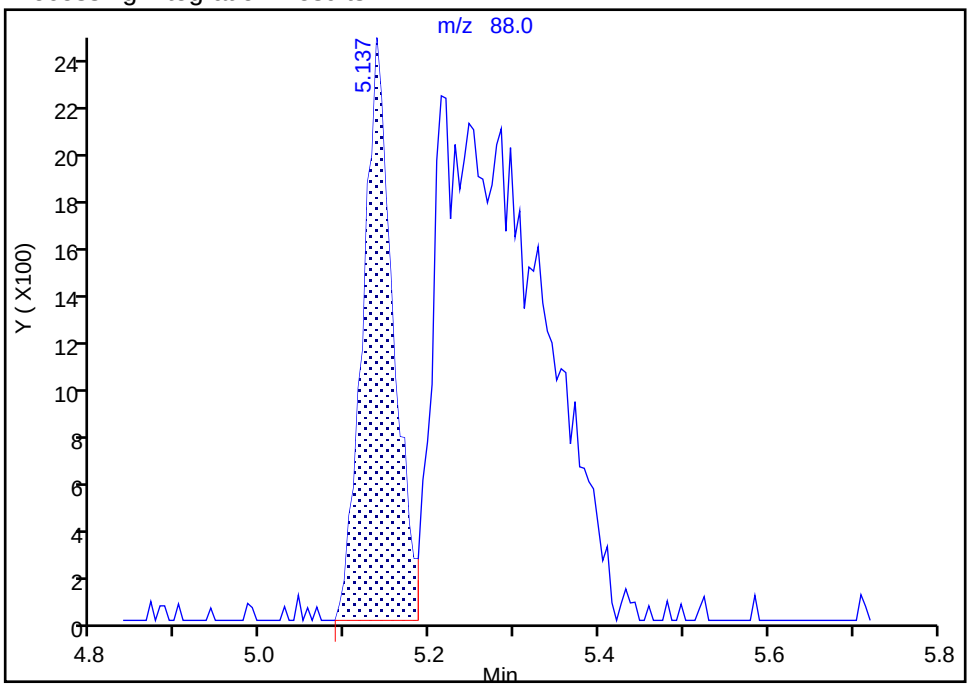
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

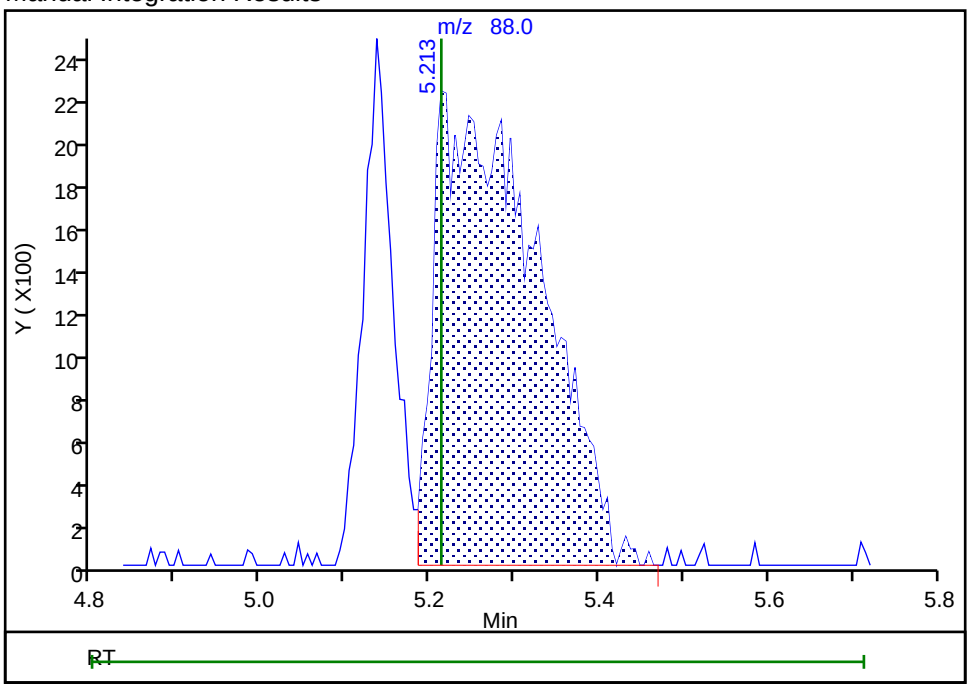
Processing Integration Results

RT: 5.14
Area: 5963
Amount: 454.6184
Amount Units: ug/l



Manual Integration Results

RT: 5.21
Area: 18343
Amount: 429.1340
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:18:08
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

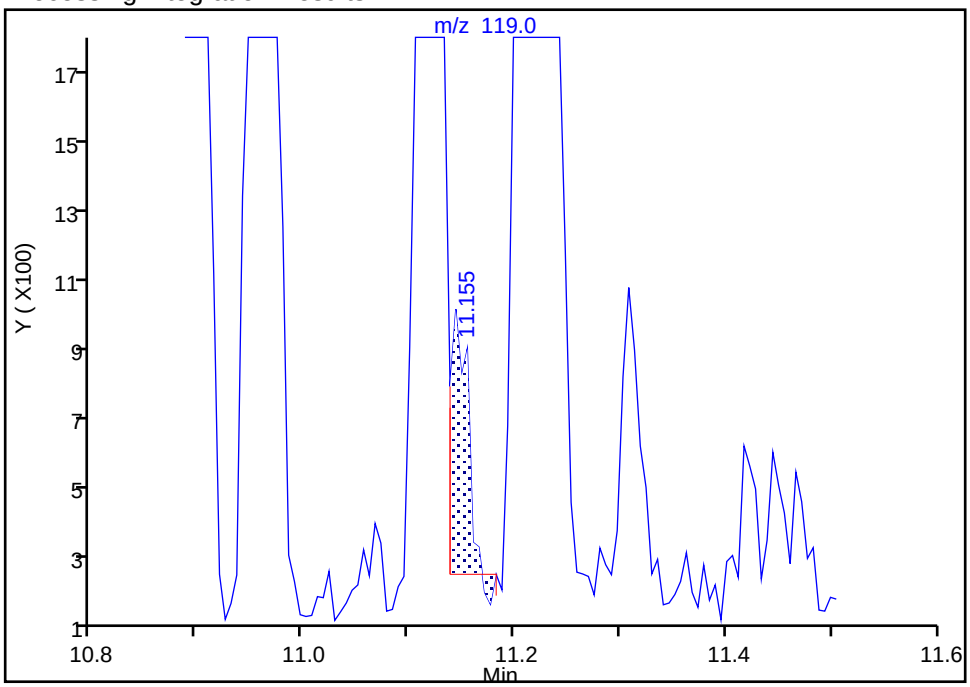
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34452.D
Injection Date: 25-May-2022 12:31:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

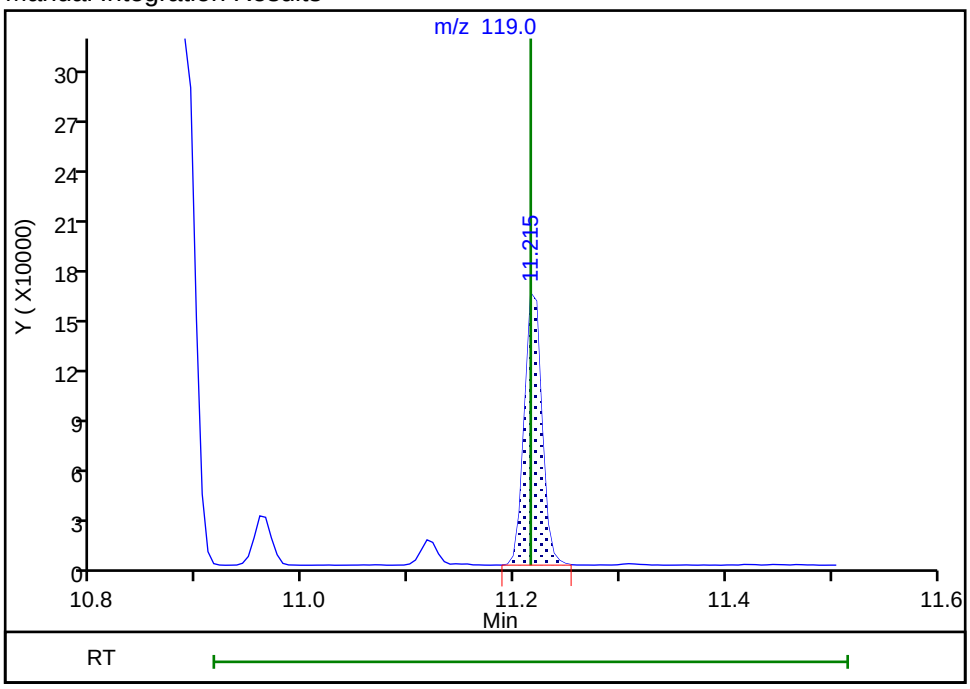
Processing Integration Results

RT: 11.16
Area: 820
Amount: 0.279831
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 187776
Amount: 22.093344
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:18:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 27-May-2022 12:10:38 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 25-May-2022 12:53:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0145738-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-May-2022 12:10:37 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: martineze Date: 25-May-2022 14:11:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.116	1.116	0.000	62	77163	50.0	40.0	
3 1,1-Difluoroethane	65	1.116	1.116	0.000	99	77474	NC	NC	
5 Chlorodifluoromethane	67	1.143	1.143	0.000	96	41315	50.0	49.5	a
4 Dichlorodifluoromethane	85	1.137	1.137	0.000	96	294379	50.0	50.3	
6 Chloromethane	50	1.263	1.263	0.000	99	206667	50.0	44.1	
7 Butadiene	54	1.318	1.318	0.000	95	185166	50.0	50.9	
8 Vinyl chloride	62	1.334	1.334	0.000	98	219833	50.0	51.4	
9 Bromomethane	94	1.530	1.530	0.000	98	169368	50.0	47.6	
10 Chloroethane	64	1.552	1.552	0.000	100	99210	50.0	46.2	
11 Dichlorofluoromethane	67	1.699	1.699	0.000	99	298311	50.0	49.1	
13 Pentane	72	1.743	1.743	0.000	94	44319	100.0	95.3	
12 Trichlorofluoromethane	101	1.754	1.754	0.000	95	308189	50.0	49.0	Ma
15 Ethyl ether	59	1.874	1.874	0.000	95	105718	50.0	48.0	
16 2-Methyl-1,3-butadiene	53	1.890	1.890	0.000	91	132616	50.0	51.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.901	1.901	0.000	86	177922	50.0	55.3	a
14 Ethanol	46	1.880	1.880	0.000	67	45220	2000.0	1857.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.945	1.945	0.000	93	253110	50.0	52.0	a
19 Acrolein	56	1.961	1.961	0.000	95	83666	400.0	364.0	
21 1,1-Dichloroethene	96	2.032	2.032	0.000	97	161562	50.0	50.0	
22 Acetone	43	2.071	2.071	0.000	80	236644	250.0	197.1	
20 112TCTFE	101	2.065	2.065	0.000	98	201159	50.0	51.2	
23 Iodomethane	142	2.136	2.136	0.000	98	368232	50.0	49.7	
24 Isopropyl alcohol	45	2.191	2.191	0.000	24	131727	500.0	519.5	a
25 Carbon disulfide	76	2.185	2.185	0.000	99	604782	50.0	50.9	
26 3-Chloro-1-propene	39	2.272	2.272	0.000	90	198369	50.0	47.8	
27 Methyl acetate	43	2.294	2.294	0.000	98	190494	100.0	91.2	
29 Acetonitrile	41	2.332	2.332	0.000	32	112764	500.0	517.6	a
28 Cyclopentene	67	2.338	2.338	0.000	96	387422	50.0	50.1	
31 Methylene Chloride	84	2.360	2.360	0.000	89	191255	50.0	48.2	
* 30 TBA-d9 (IS)	65	2.436	2.436	0.000	83	383182	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.502	2.502	0.000	91	249031	500.0	417.5	a
35 Acrylonitrile	53	2.534	2.534	0.000	95	524060	500.0	488.1	
34 trans-1,2-Dichloroethene	96	2.562	2.562	0.000	93	182601	50.0	51.7	
33 Methyl tert-butyl ether	73	2.567	2.567	0.000	96	485442	50.0	50.3	
36 Hexane	43	2.774	2.774	0.000	92	123752	50.0	48.8	
38 1,1-Dichloroethane	63	2.878	2.878	0.000	99	282448	50.0	50.6	
39 Vinyl acetate	86	2.927	2.927	0.000	100	51202	100.0	93.1	
37 Isopropyl ether	45	2.954	2.954	0.000	87	488731	50.0	49.5	
40 2-Chloro-1,3-butadiene	88	2.954	2.954	0.000	90	159283	50.0	51.1	
41 Tert-butyl ethyl ether	87	3.244	3.244	0.000	90	221136	50.0	48.7	
* 42 2-Butanone-d5	46	3.325	3.325	0.000	93	225865	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.358	3.358	0.000	98	199694	50.0	49.2	
46 2-Butanone (MEK)	72	3.375	3.375	0.000	99	85641	250.0	236.2	a
43 2,2-Dichloropropane	79	3.369	3.369	0.000	94	91305	50.0	46.1	
45 Ethyl acetate	70	3.435	3.435	0.000	100	28506	100.0	100.9	
48 Propionitrile	54	3.424	3.424	0.000	87	211995	500.0	440.5	a
47 Methyl acrylate	55	3.462	3.462	0.000	99	145897	50.0	47.4	a
51 Methacrylonitrile	67	3.555	3.555	0.000	90	574710	500.0	480.2	
50 Chlorobromomethane	128	3.560	3.560	0.000	77	110116	50.0	48.4	
49 Tetrahydrofuran	72	3.626	3.626	0.000	81	41514	100.0	91.6	
52 Chloroform	83	3.636	3.636	0.000	99	314735	50.0	49.5	
$ 55 Dibromofluoromethane (Surr)	113	3.778	3.778	0.000	96	164423	50.0	50.0	
54 1,1,1-Trichloroethane	97	3.817	3.817	0.000	98	309061	50.0	50.3	
53 Cyclohexane	84	3.877	3.877	0.000	90	278594	50.0	51.3	
57 1,1-Dichloropropene	75	3.964	3.964	0.000	97	216786	50.0	49.9	
56 Carbon tetrachloride	117	3.975	3.975	0.000	98	271239	50.0	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.095	4.095	0.000	0	147579	50.0	49.3	
58 Isobutyl alcohol	74	4.160	4.160	0.000	96	59917	1250.0	1119.3	a
60 Benzene	78	4.160	4.160	0.000	95	644126	50.0	51.5	
64 1,2-Dichloroethane	62	4.171	4.171	0.000	98	204066	50.0	46.4	
59 Isooctane	57	4.264	4.264	0.000	95	623181	50.0	51.9	
62 Isopropyl acetate	61	4.259	4.269	-0.011	96	55040	50.0	47.4	a
63 Tert-amyl methyl ether	73	4.291	4.291	0.000	97	517945	50.0	48.5	
* 66 Fluorobenzene	96	4.439	4.439	0.000	98	501930	50.0	50.0	
65 n-Heptane	43	4.460	4.455	0.005	91	221273	50.0	47.4	
68 n-Butanol	56	4.777	4.777	0.000	88	127143	1250.0	1200.5	
69 Trichloroethene	95	4.826	4.826	0.000	97	171159	50.0	49.4	
70 Ethyl acrylate	55	4.957	4.951	0.006	98	152776	50.0	46.9	a
71 Methylcyclohexane	83	5.044	5.044	0.000	94	328748	50.0	50.2	a
72 1,2-Dichloropropane	63	5.061	5.061	0.000	89	151983	50.0	47.3	
* 73 1,4-Dioxane-d8	96	5.170	5.170	0.000	85	27998	1000.0	1000.0	
77 Dibromomethane	93	5.186	5.186	0.000	95	107493	50.0	48.3	
74 Methyl methacrylate	69	5.224	5.224	0.000	88	179672	100.0	94.5	
75 1,4-Dioxane	88	5.224	5.224	0.000	28	39110	1000.0	941.0	a
76 n-Propyl acetate	43	5.301	5.301	0.000	99	162815	50.0	46.8	
78 Dichlorobromomethane	83	5.377	5.377	0.000	99	220528	50.0	48.0	
79 2-Nitropropane	41	5.650	5.650	0.000	98	63783	100.0	98.4	
67 2-Chloroethyl vinyl ether	63	5.764	5.764	0.000	91	17642	50.1	42.7	
80 Epichlorohydrin	57	5.814	5.814	0.000	99	253123	1000.0	928.8	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	93	235879	50.0	49.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.146	6.146	0.000	96	685262	250.0	238.3	
$ 83 Toluene-d8 (Surr)	98	6.256	6.256	0.000	99	550439	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.343	6.343	0.000	93	668184	50.0	49.9	
85 trans-1,3-Dichloropropene	75	6.637	6.637	0.000	97	202161	50.0	48.3	
86 Ethyl methacrylate	69	6.823	6.823	0.000	88	178101	50.0	47.2	
87 1,1,2-Trichloroethane	83	6.872	6.872	0.000	94	106935	50.0	49.8	
88 Tetrachloroethene	166	7.063	7.063	0.000	98	183311	50.0	51.5	
89 1,3-Dichloropropane	76	7.096	7.096	0.000	92	196549	50.0	49.2	
90 2-Hexanone	43	7.265	7.265	0.000	96	380603	250.0	225.2	
92 Chlorodibromomethane	129	7.401	7.401	0.000	97	166121	50.0	47.4	
91 n-Butyl acetate	43	7.489	7.489	0.000	99	174527	50.0	44.2	
93 Ethylene Dibromide	107	7.532	7.532	0.000	99	138081	50.0	47.2	
* 94 Chlorobenzene-d5	117	8.231	8.231	0.000	84	375893	50.0	50.0	
95 Chlorobenzene	112	8.269	8.269	0.000	97	433086	50.0	49.7	
97 1,1,1,2-Tetrachloroethane	131	8.416	8.416	0.000	95	208491	50.0	49.7	
96 Ethylbenzene	106	8.476	8.476	0.000	98	249517	50.0	49.6	
98 m-Xylene & p-Xylene	106	8.656	8.656	0.000	0	303932	50.0	47.7	
100 o-Xylene	106	9.175	9.175	0.000	94	325336	50.0	48.8	
101 Styrene	104	9.191	9.191	0.000	96	481939	50.0	48.0	
99 n-Butyl acrylate	73	9.213	9.213	0.000	97	106092	50.0	51.9	
103 Bromoform	173	9.371	9.371	0.000	96	114793	50.0	47.1	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	90	192052	50.0	45.4	
104 Isopropylbenzene	105	9.622	9.622	0.000	95	890064	50.0	51.0	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	95	178762	50.0	49.9	
106 Bromobenzene	156	9.900	9.900	0.000	91	207451	50.0	48.2	
107 1,1,2,2-Tetrachloroethane	83	9.950	9.950	0.000	97	199155	50.0	48.2	
109 1,2,3-Trichloropropane	110	9.971	9.971	0.000	96	54695	50.0	46.6	
110 trans-1,4-Dichloro-2-butene	53	10.010	10.010	0.000	95	41739	50.0	45.9	
108 N-Propylbenzene	91	10.064	10.064	0.000	100	950226	50.0	50.1	
111 2-Chlorotoluene	91	10.119	10.119	0.000	97	570318	50.0	50.3	
112 4-Ethyltoluene	105	10.184	10.184	0.000	99	804004	50.0	49.7	
114 4-Chlorotoluene	91	10.228	10.228	0.000	97	601800	50.0	49.1	
113 1,3,5-Trimethylbenzene	105	10.250	10.250	0.000	93	758475	50.0	50.8	
115 Butyl Methacrylate	87	10.386	10.386	0.000	89	195432	50.0	46.0	
116 tert-Butylbenzene	119	10.550	10.550	0.000	95	606735	50.0	51.8	
117 1,2,4-Trimethylbenzene	105	10.593	10.593	0.000	98	773385	50.0	47.9	
118 sec-Butylbenzene	105	10.752	10.752	0.000	99	979805	50.0	51.7	
120 1,3-Dichlorobenzene	146	10.817	10.817	0.000	97	394935	50.0	48.7	
* 121 1,4-Dichlorobenzene-d4	152	10.883	10.883	0.000	95	220588	50.0	50.0	
119 4-Isopropyltoluene	119	10.893	10.893	0.000	98	859994	50.0	51.7	
122 1,4-Dichlorobenzene	146	10.899	10.899	0.000	96	395209	50.0	49.5	
123 1,2,3-Trimethylbenzene	105	10.964	10.964	0.000	98	840799	50.0	50.3	
124 Benzyl chloride	91	11.024	11.024	0.000	99	359896	50.0	47.2	
125 2,3-Dihydroindene	117	11.123	11.123	0.000	94	771995	50.0	50.3	
128 1,2-Dichlorobenzene	146	11.210	11.210	0.000	97	420248	50.0	49.9	
126 p-Diethylbenzene	119	11.221	11.221	0.000	94	445976	50.0	51.1	a
127 n-Butylbenzene	92	11.237	11.237	0.000	98	427913	50.0	50.6	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.832	0.000	97	872007	50.0	50.6	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	85	56654	50.0	47.0	
131 1,3,5-Trichlorobenzene	180	12.007	12.007	0.000	98	354820	50.0	48.8	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	94	336944	50.0	48.7	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	94	152377	50.0	51.2	
134 Naphthalene	128	12.629	12.629	0.000	99	797338	50.0	46.1	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	96	339859	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.9	
S 137 Xylenes, Total	100				0		100.0	96.5	
S 139 Total BTEX	1				0		250.0	247.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00477	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00154	Amount Added:	5.00	Units: uL		
ACROLEIN W_00140	Amount Added:	4.00	Units: uL		
524freon_00052	Amount Added:	5.00	Units: uL		
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-May-2022 12:10:38 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D

Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9 Operator ID:

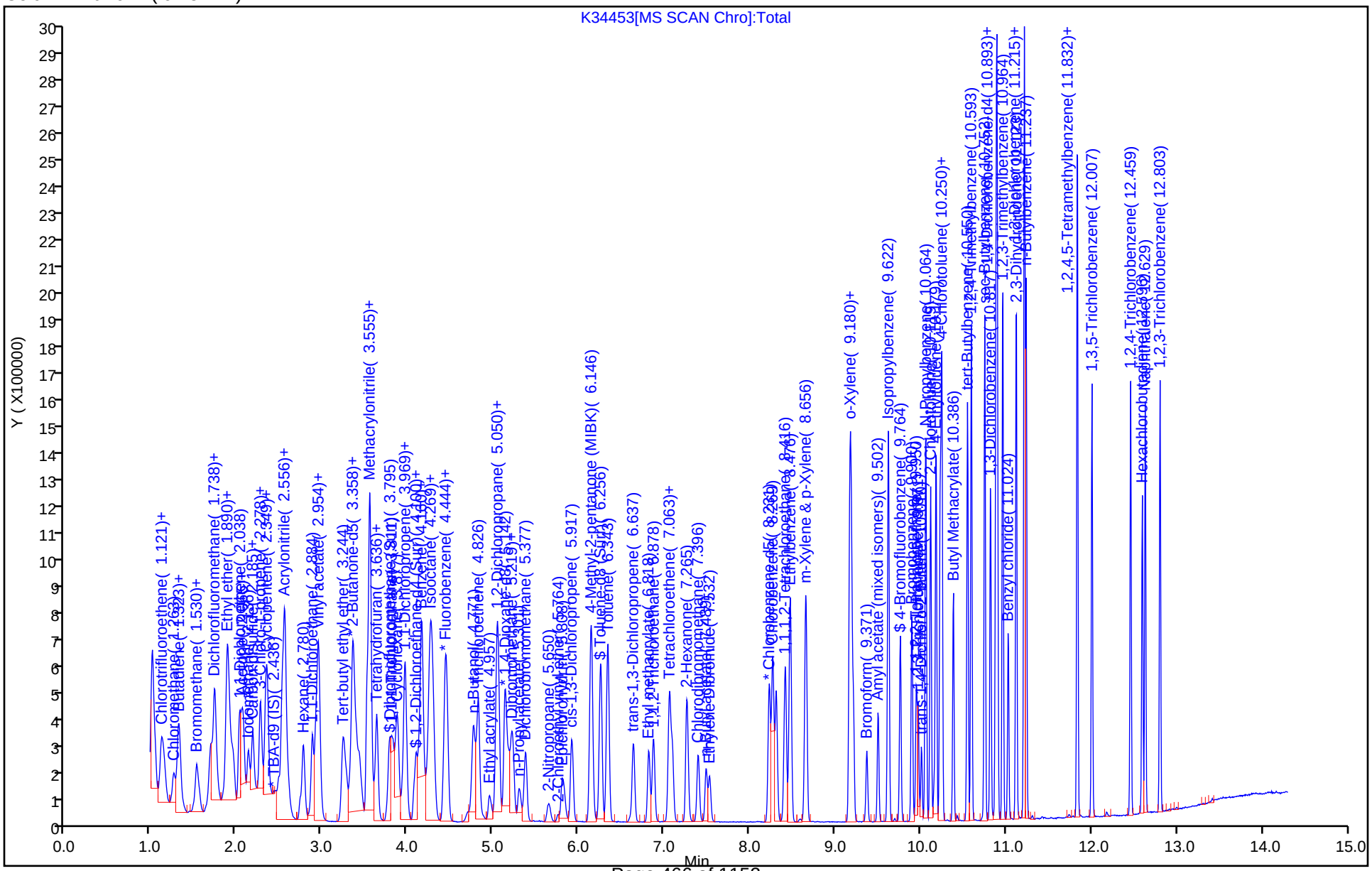
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

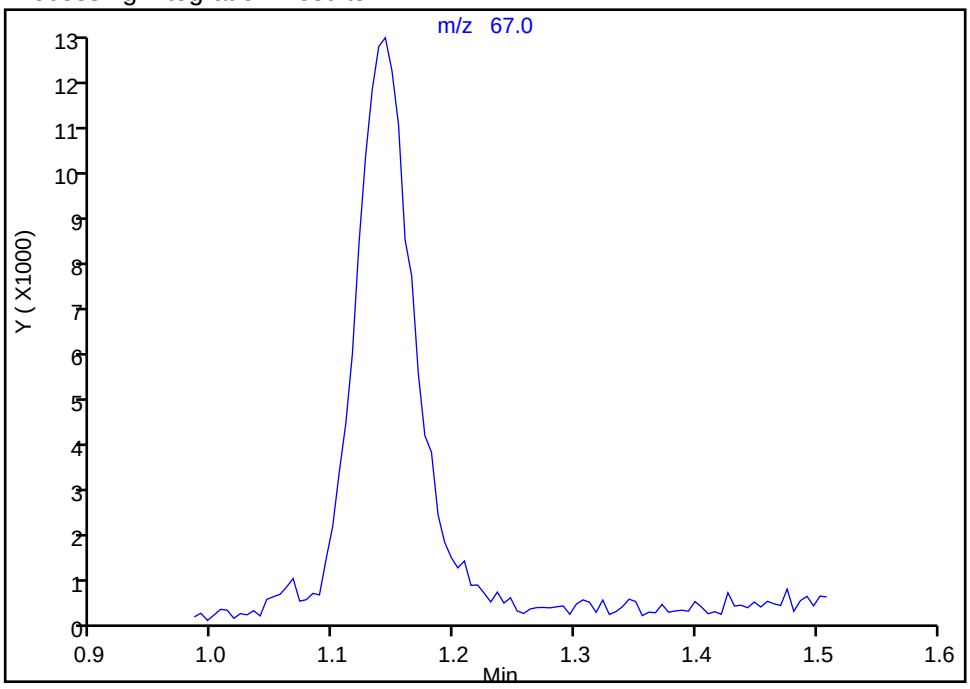
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Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

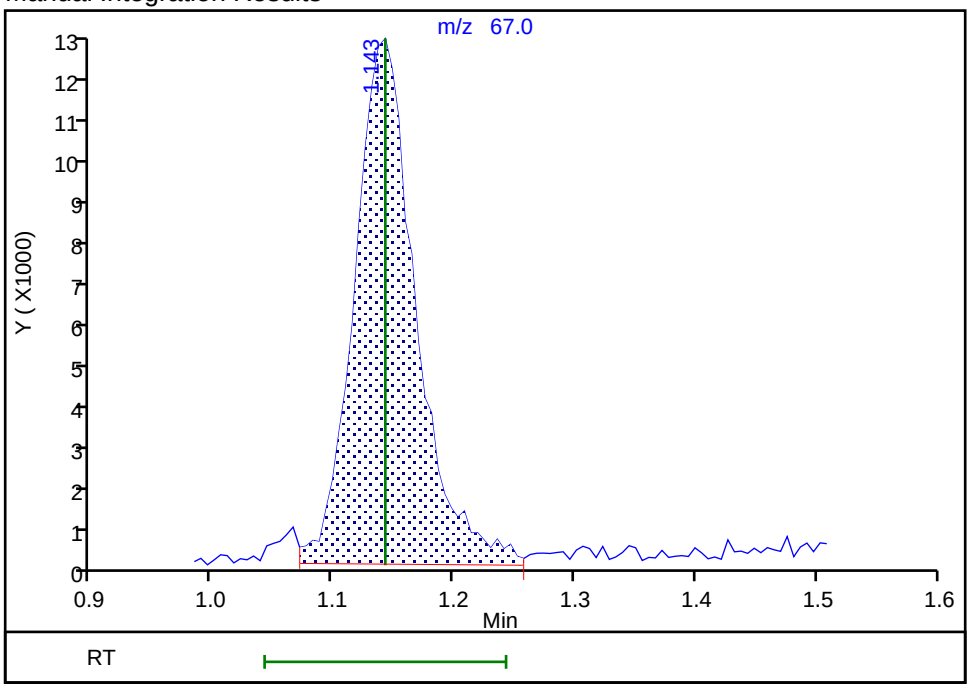
Not Detected
Expected RT: 1.14

Processing Integration Results



Manual Integration Results

RT: 1.14
Area: 41315
Amount: 49.534709
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:20:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

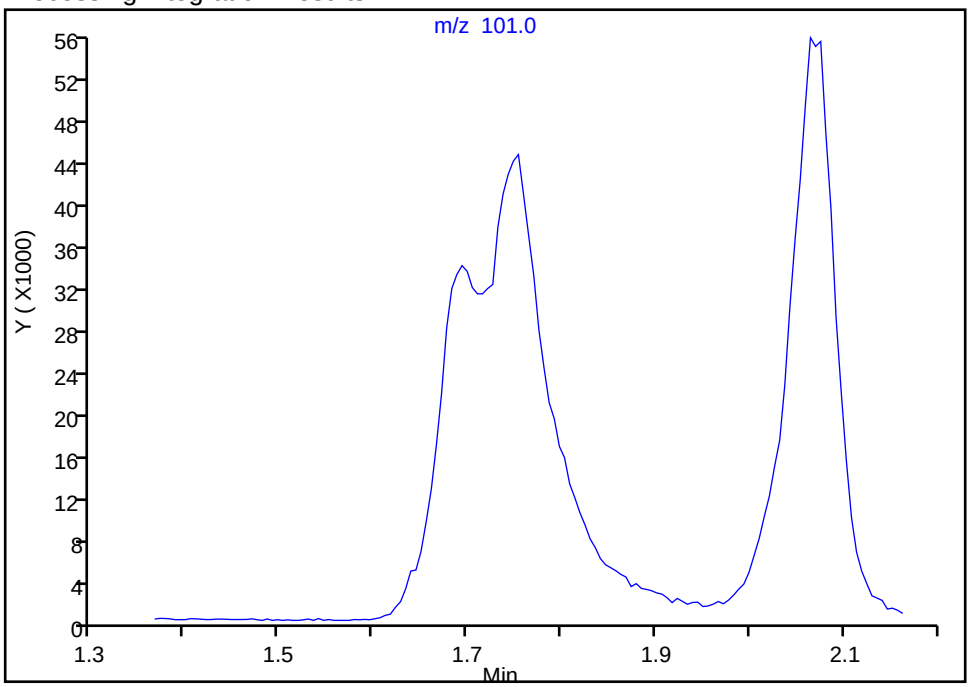
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Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

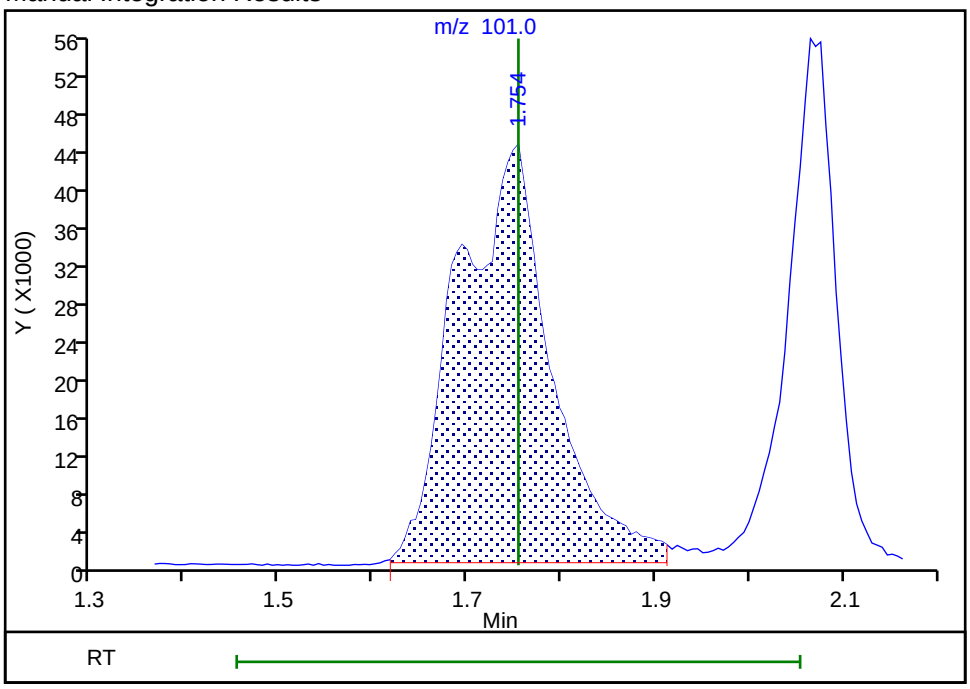
Not Detected
Expected RT: 1.75

Processing Integration Results



Manual Integration Results

RT: 1.75
Area: 308189
Amount: 49.006360
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:21:38
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

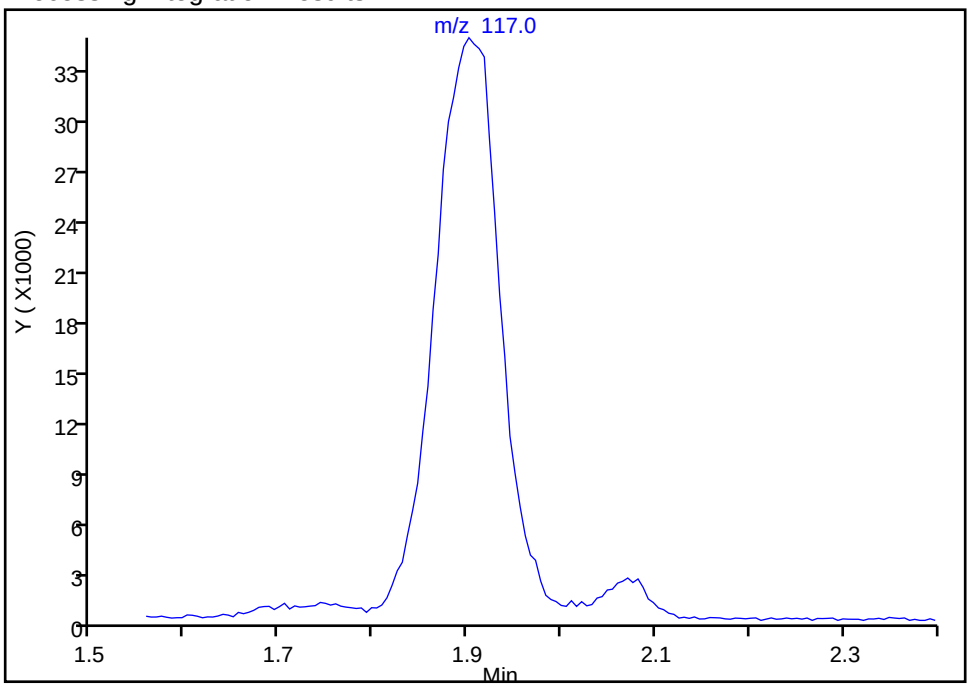
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Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

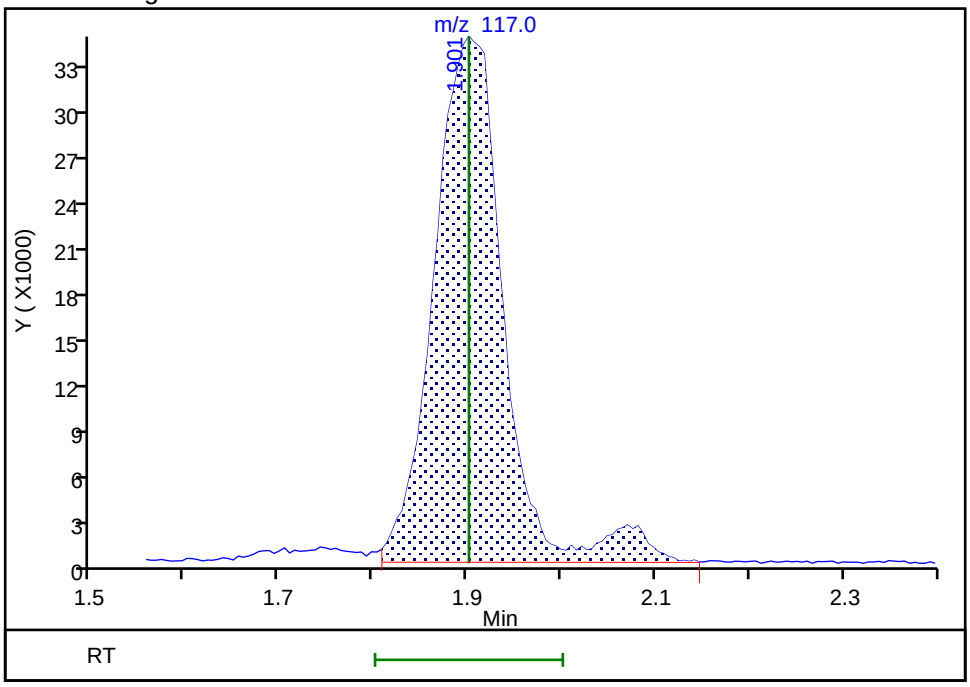
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 177922
Amount: 55.334772
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:21:48
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins Edison

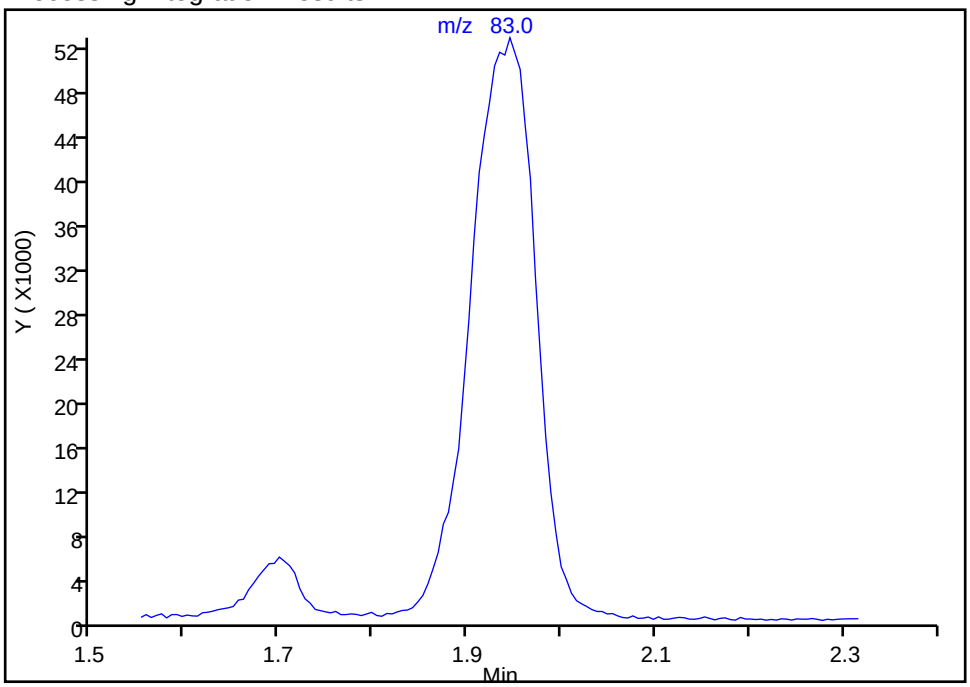
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

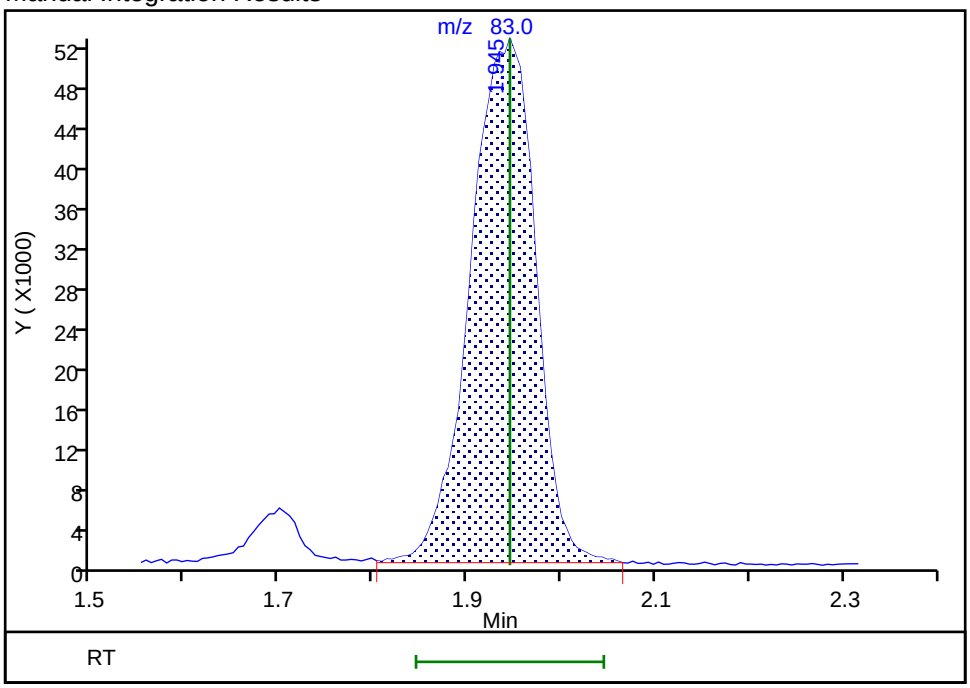
Not Detected
Expected RT: 1.95

Processing Integration Results



Manual Integration Results

RT: 1.95
Area: 253110
Amount: 51.979506
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:21:54
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

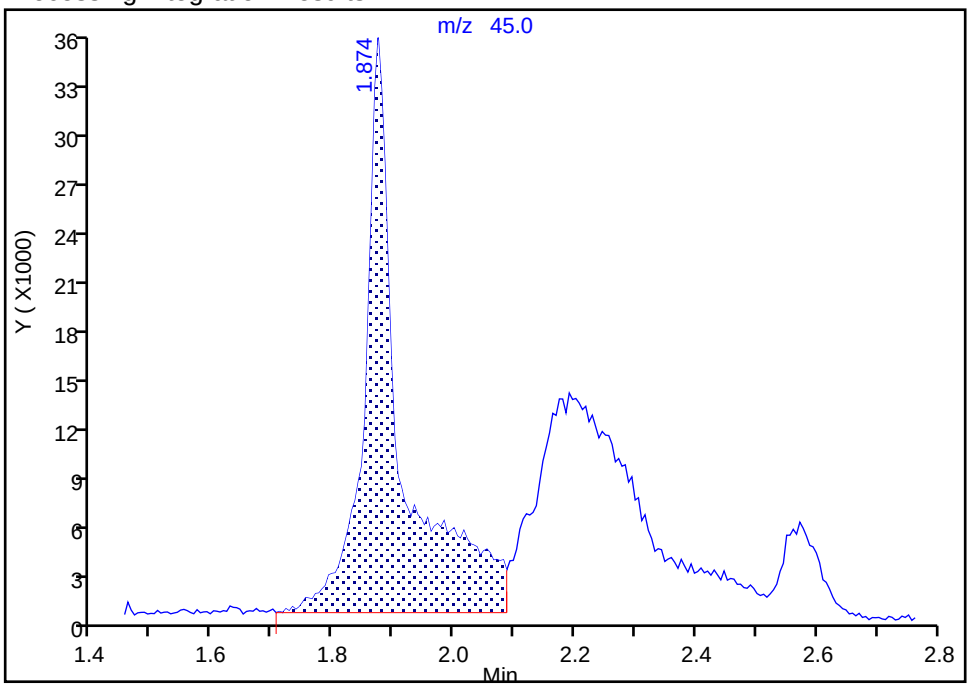
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

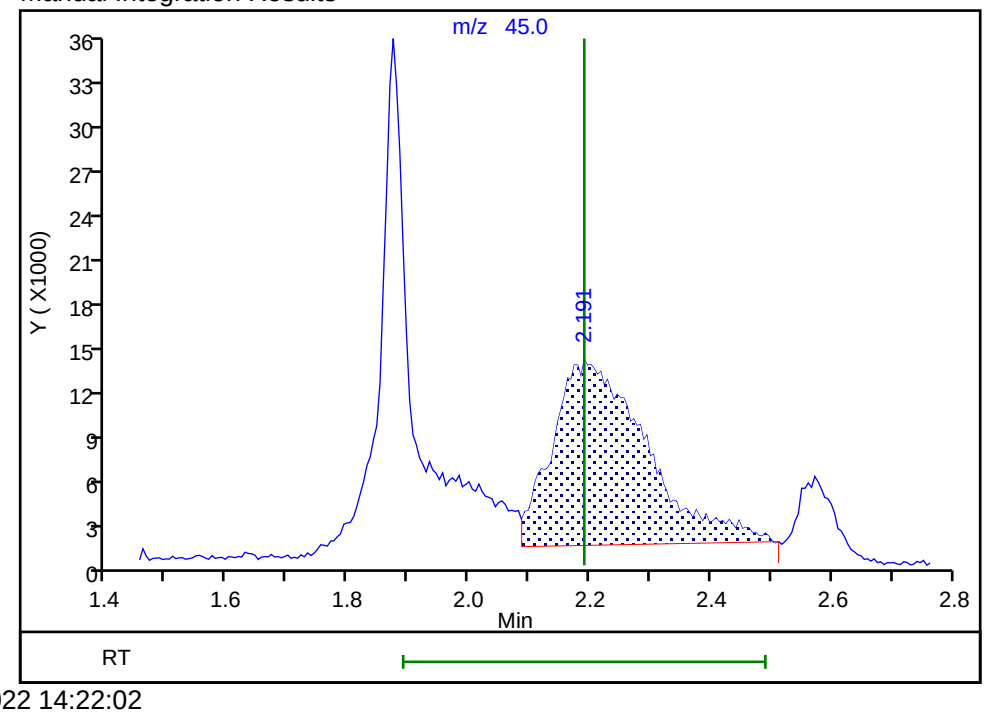
Processing Integration Results

RT: 1.87
Area: 147502
Amount: 499.9833
Amount Units: ug/l



Manual Integration Results

RT: 2.19
Area: 131727
Amount: 519.4672
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:22:02
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

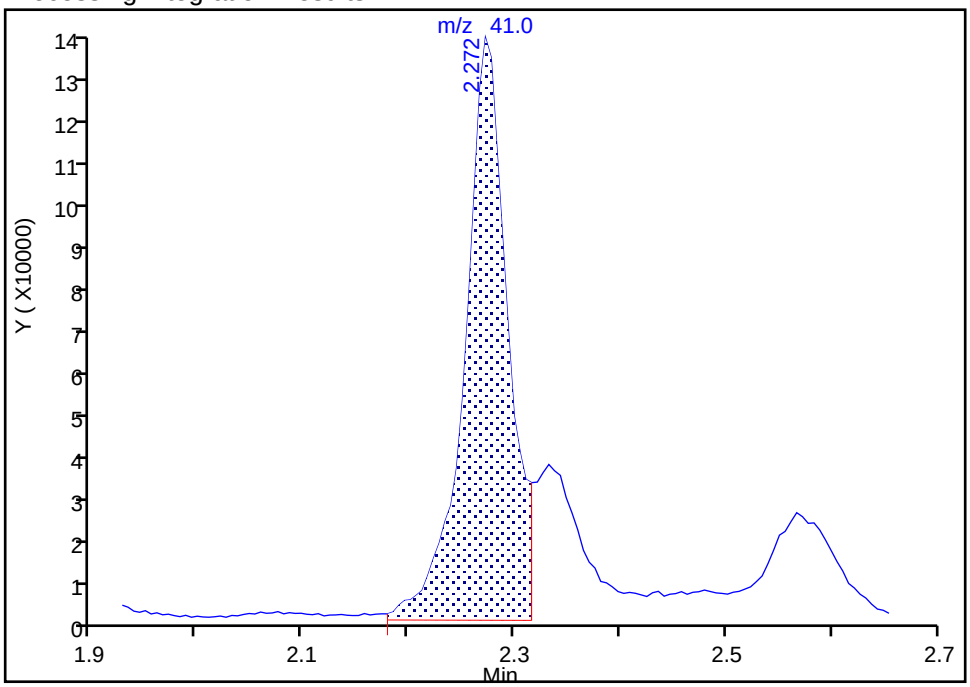
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

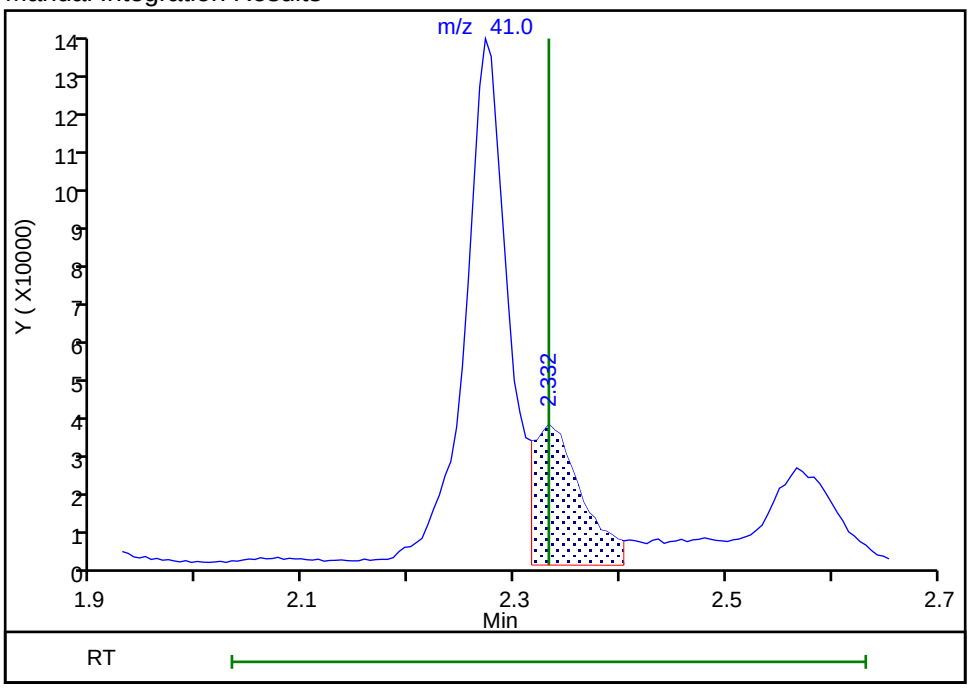
Processing Integration Results

RT: 2.27
Area: 372736
Amount: 675.7586
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 112764
Amount: 517.6370
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:22:08
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

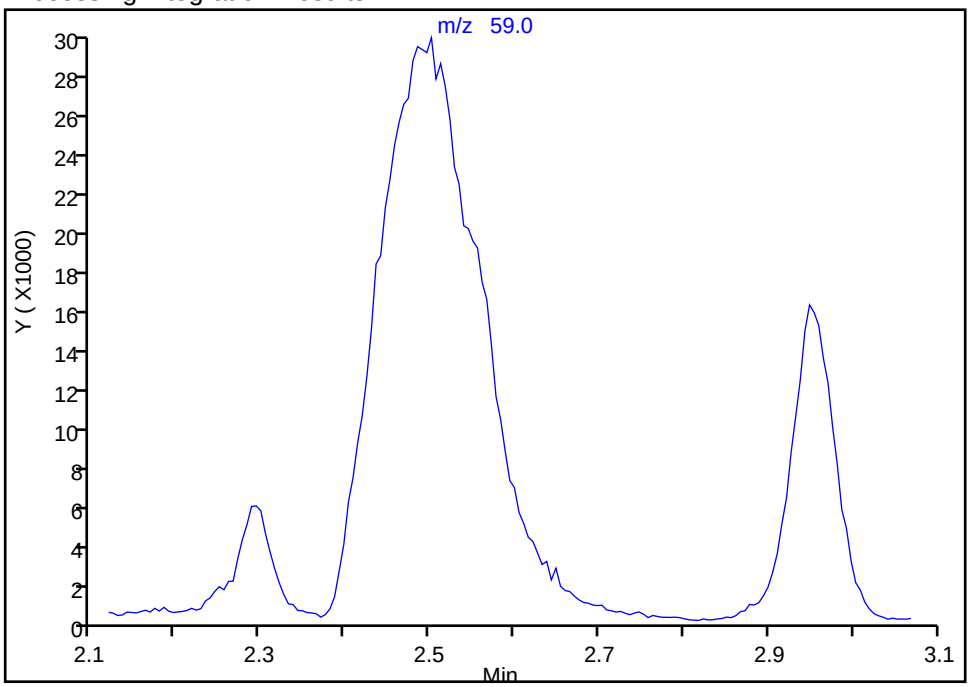
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

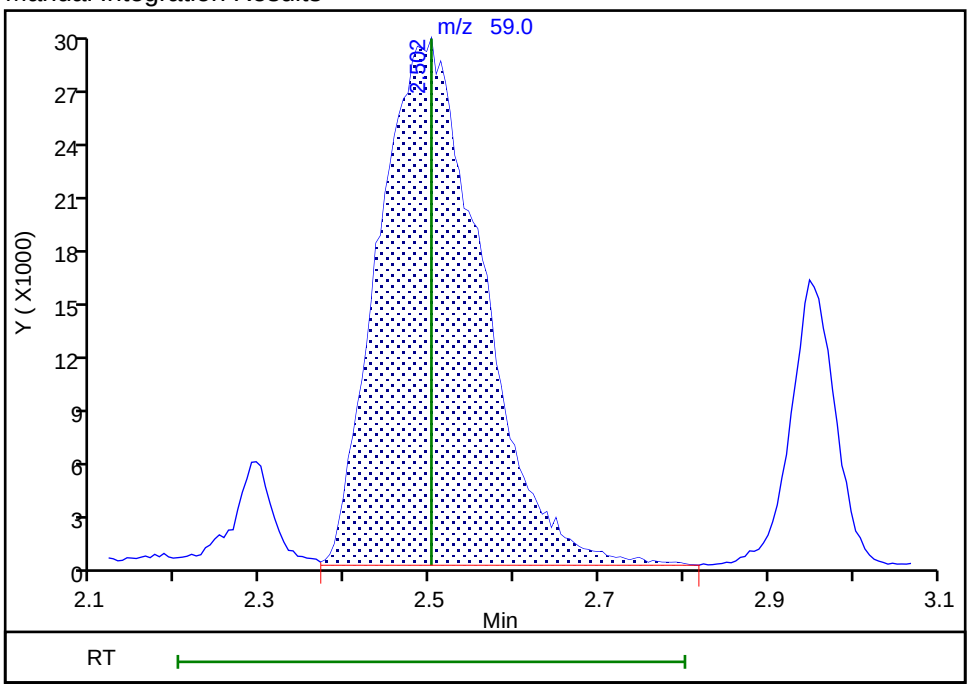
Not Detected
Expected RT: 2.50

Processing Integration Results



Manual Integration Results

RT: 2.50
Area: 249031
Amount: 417.4603
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:22:14
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

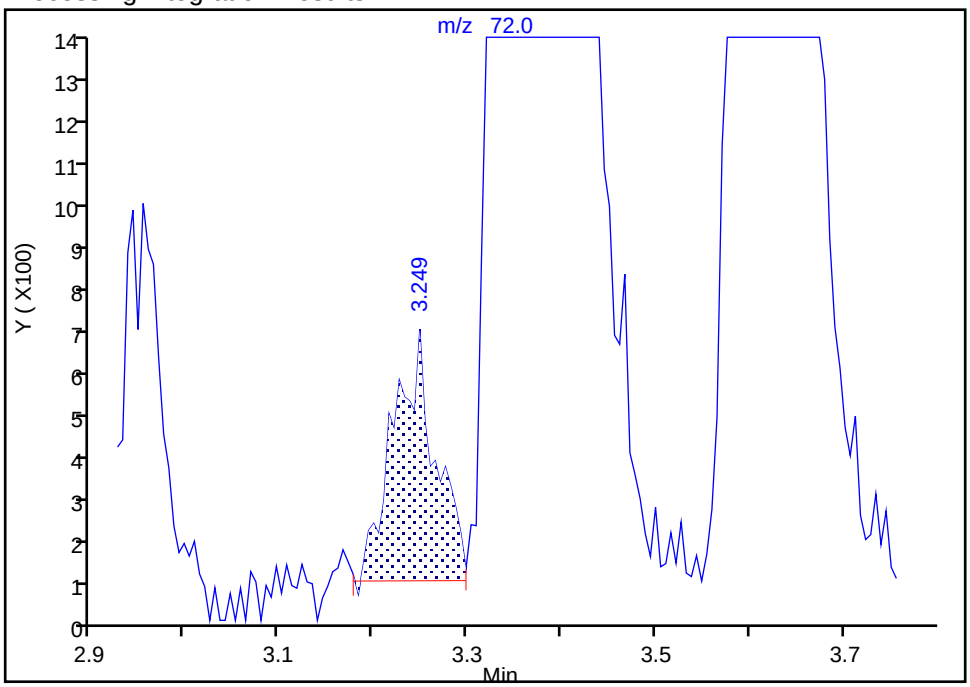
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

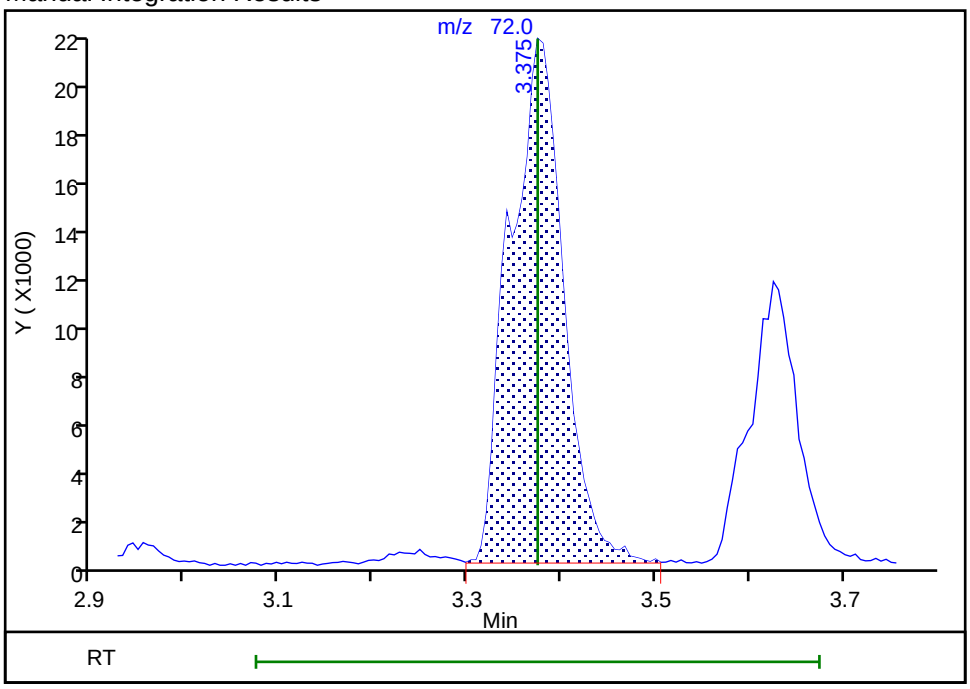
Processing Integration Results

RT: 3.25
Area: 1746
Amount: 10.413195
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 85641
Amount: 236.2208
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:22:28
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

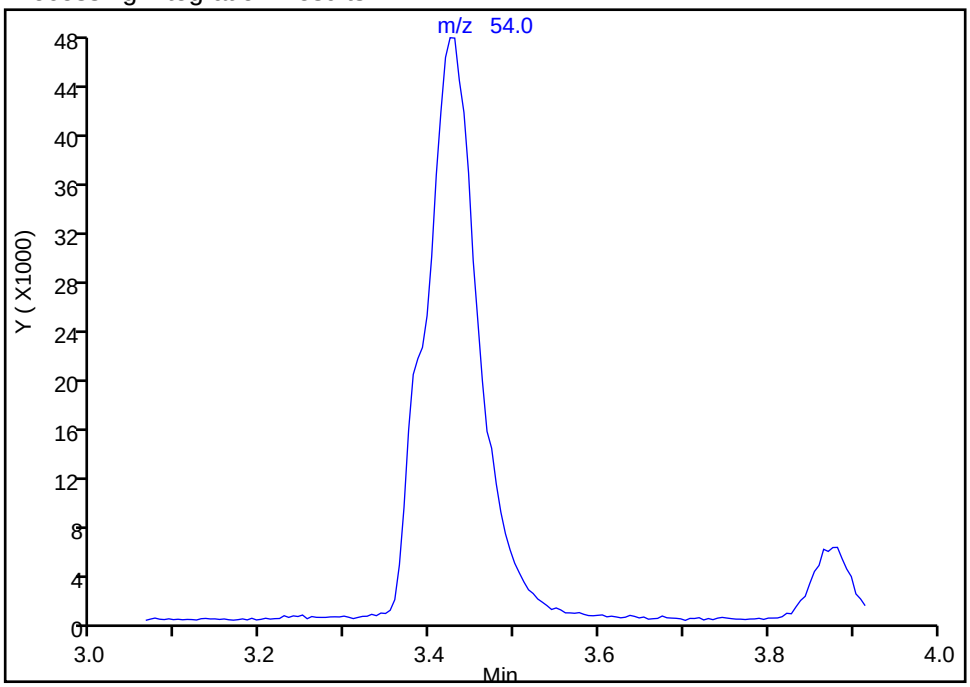
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

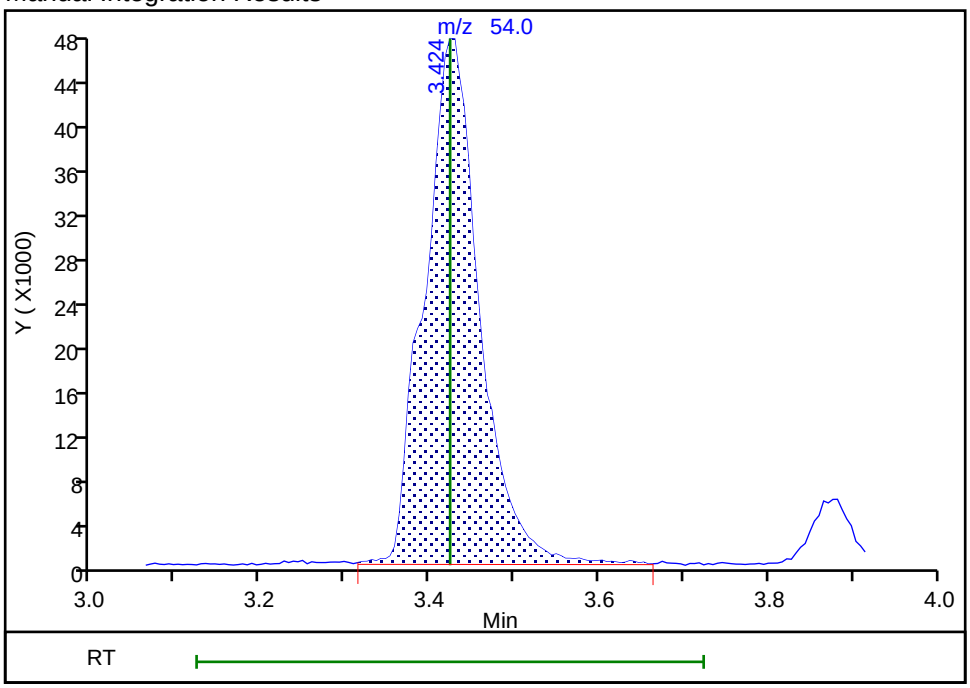
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 211995
Amount: 440.4881
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:22:36
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

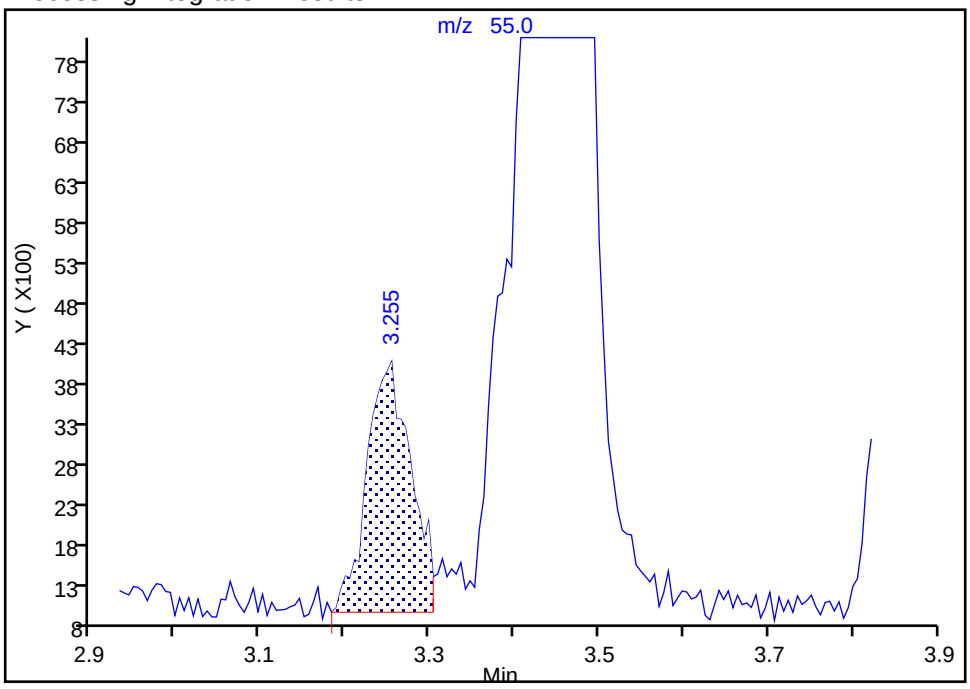
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

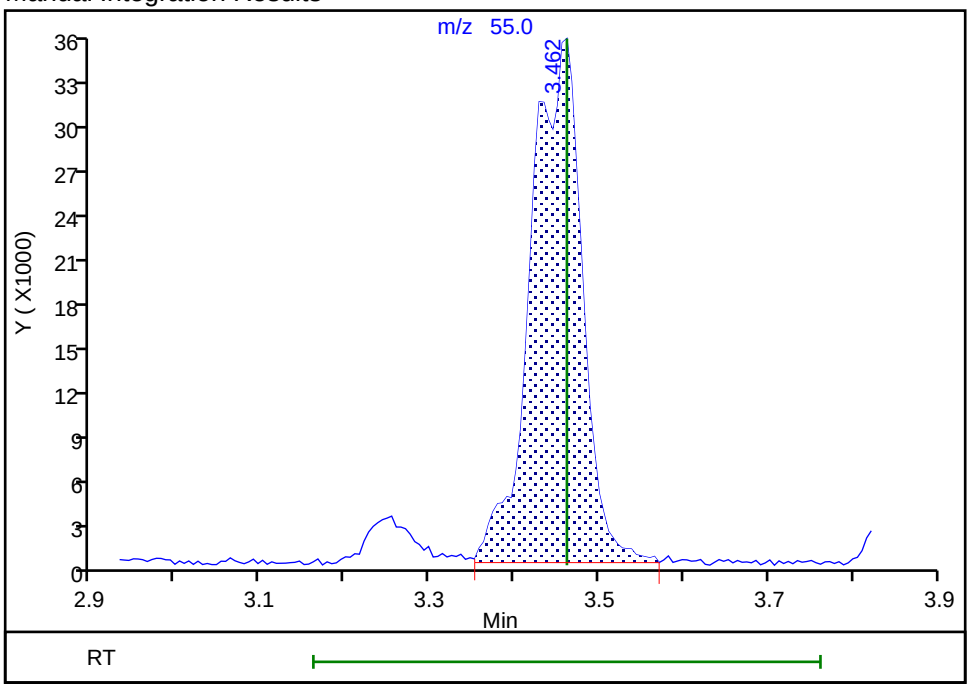
Processing Integration Results

RT: 3.25
Area: 11293
Amount: 5.717121
Amount Units: ug/l



Manual Integration Results

RT: 3.46
Area: 145897
Amount: 47.403922
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:22:43
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

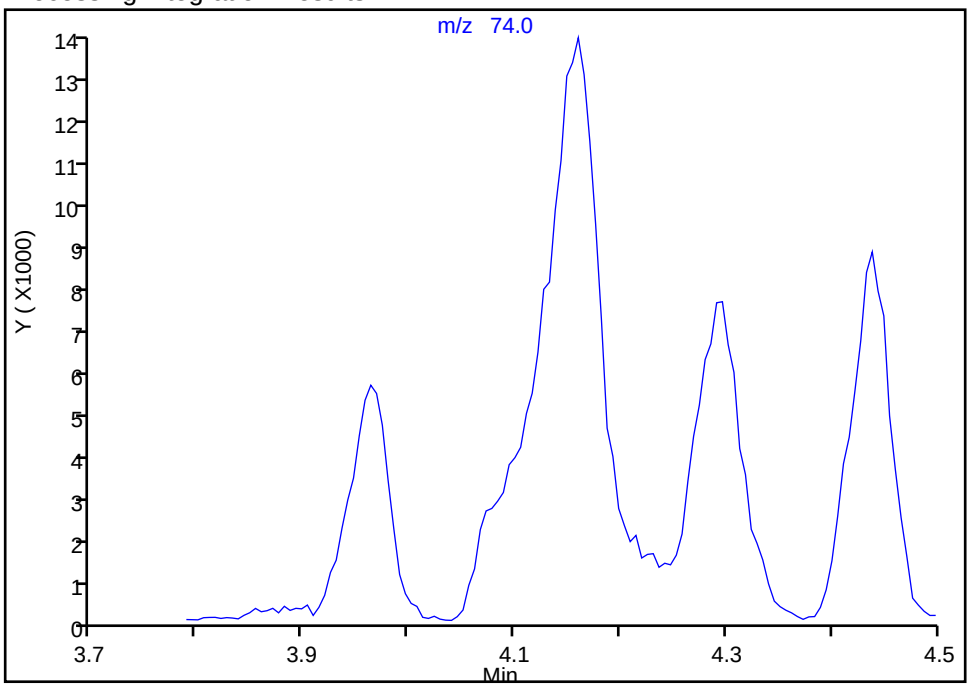
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

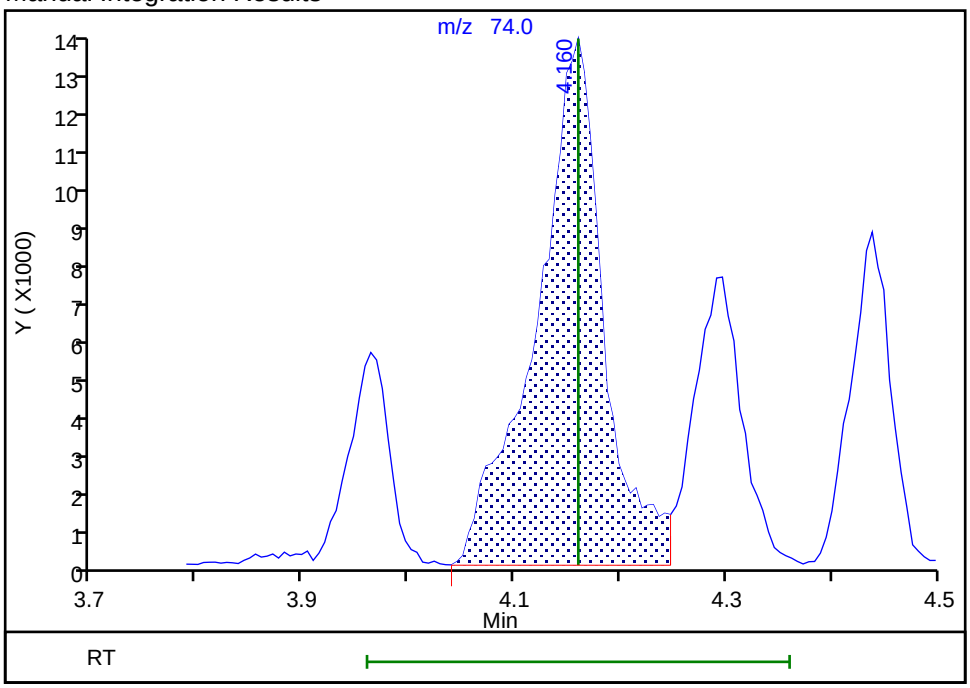
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 59917
Amount: 1119.3233
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:23:26
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

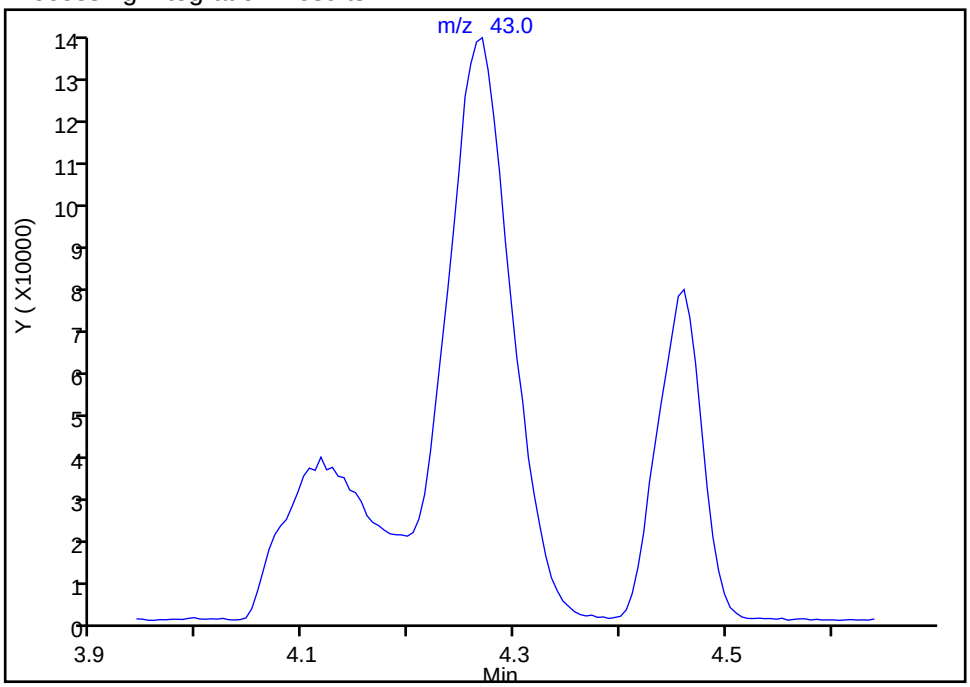
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

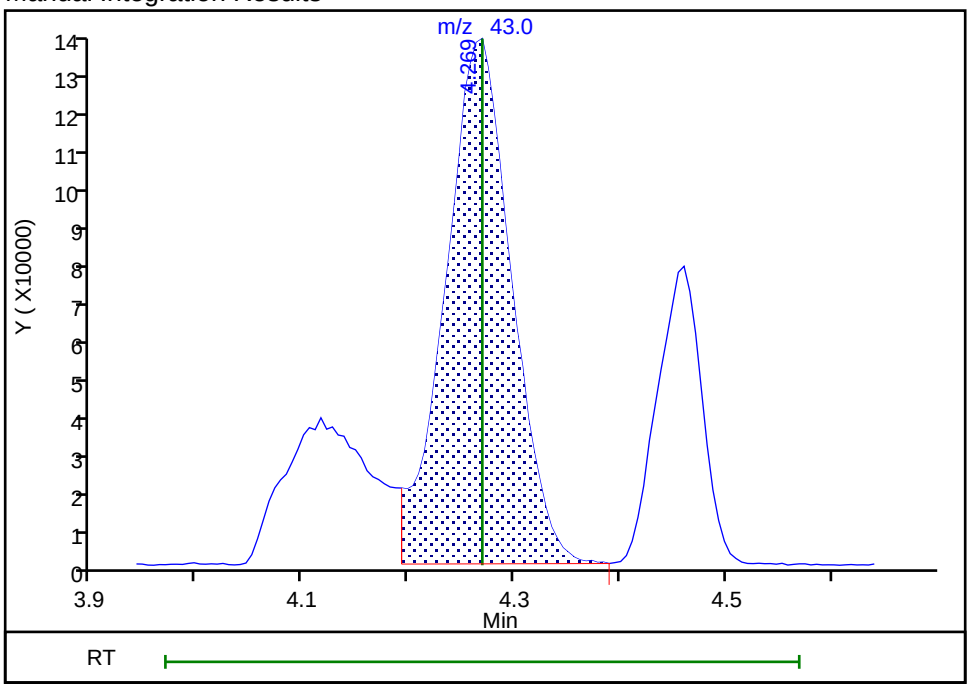
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.27
Area: 578252
Amount: 47.372186
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:28:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

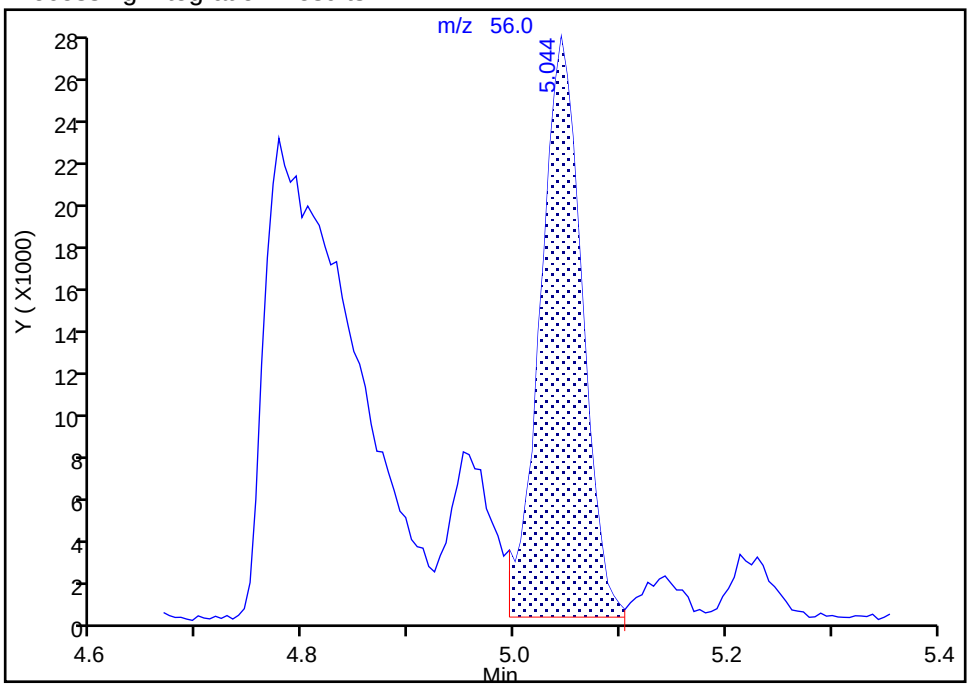
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

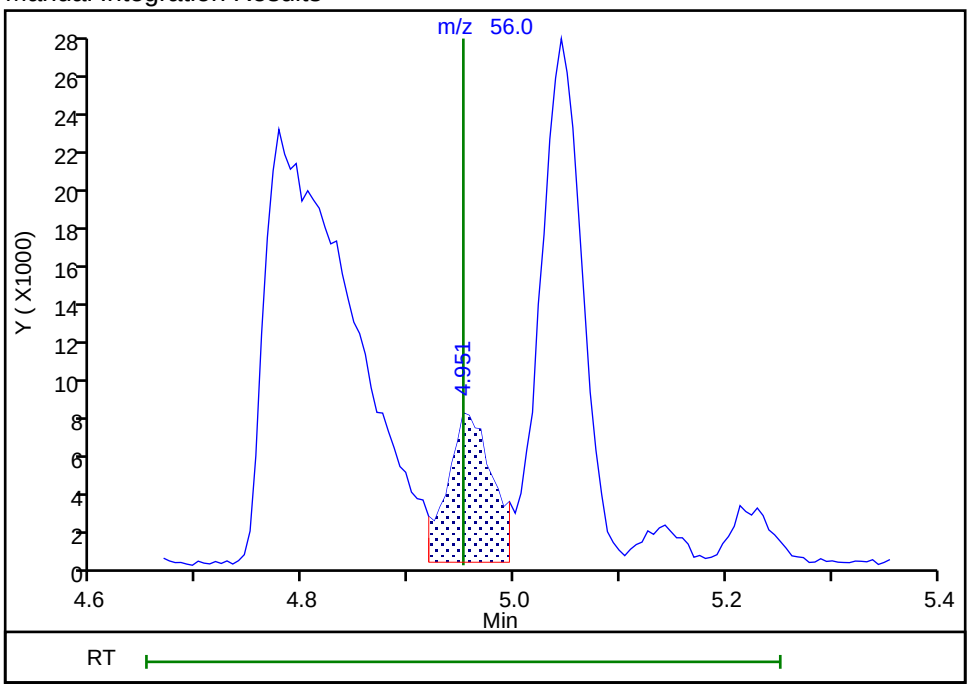
Processing Integration Results

RT: 5.04
Area: 73907
Amount: 71.493700
Amount Units: ug/l



Manual Integration Results

RT: 4.95
Area: 22865
Amount: 46.943122
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:09:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

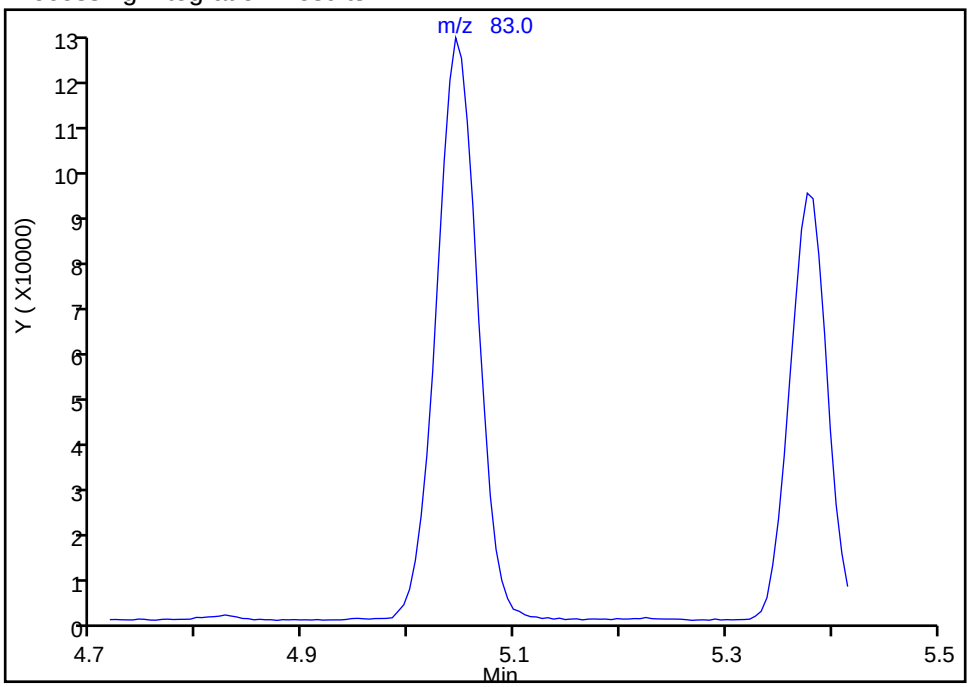
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

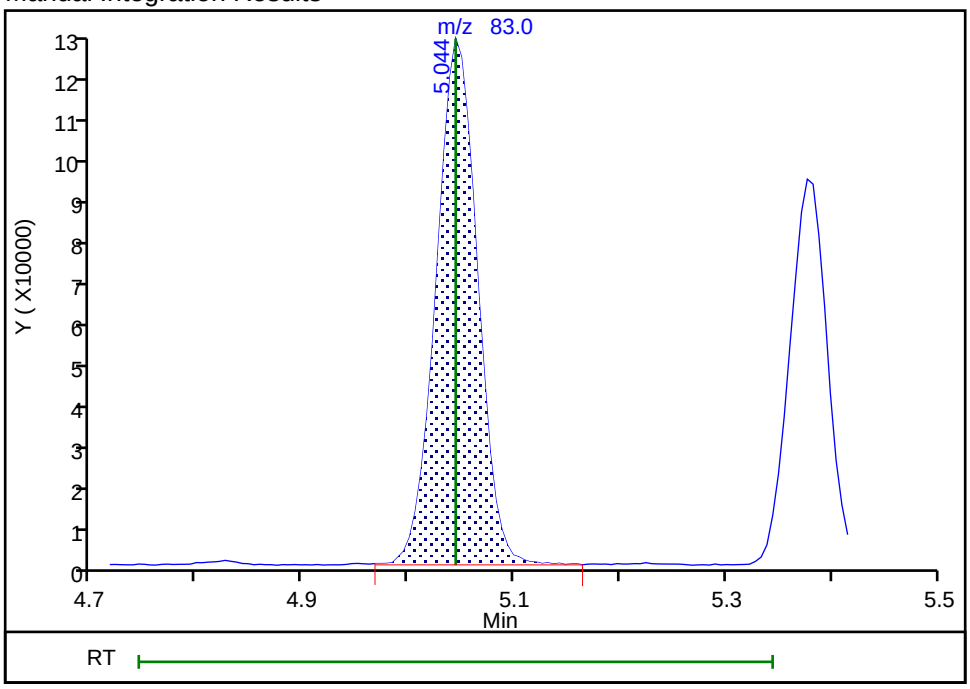
Not Detected
Expected RT: 5.04

Processing Integration Results



Manual Integration Results

RT: 5.04
Area: 328748
Amount: 50.230338
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:23:37
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

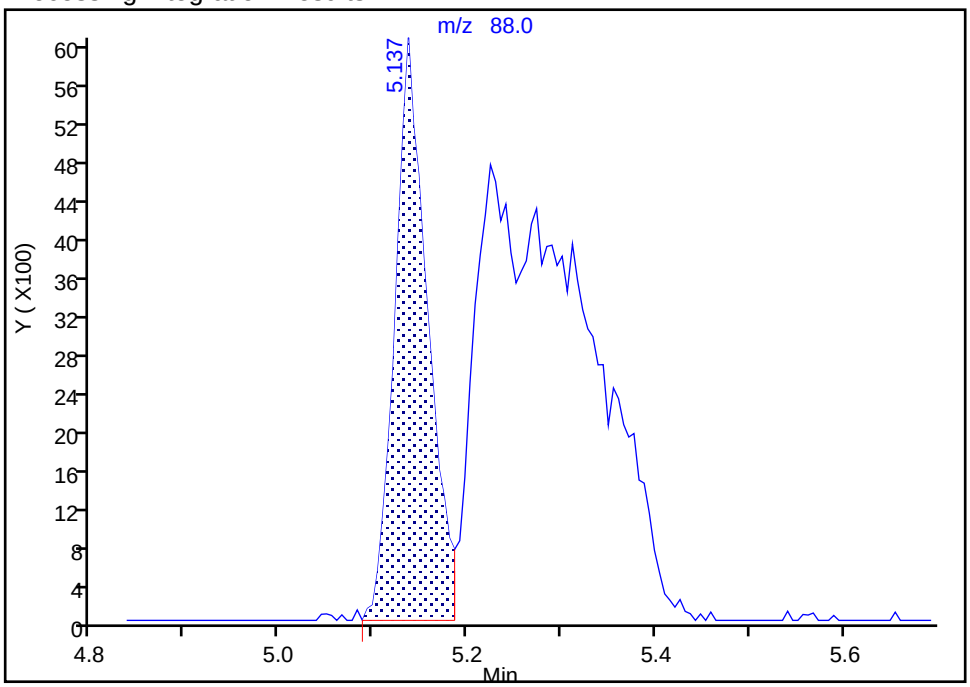
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

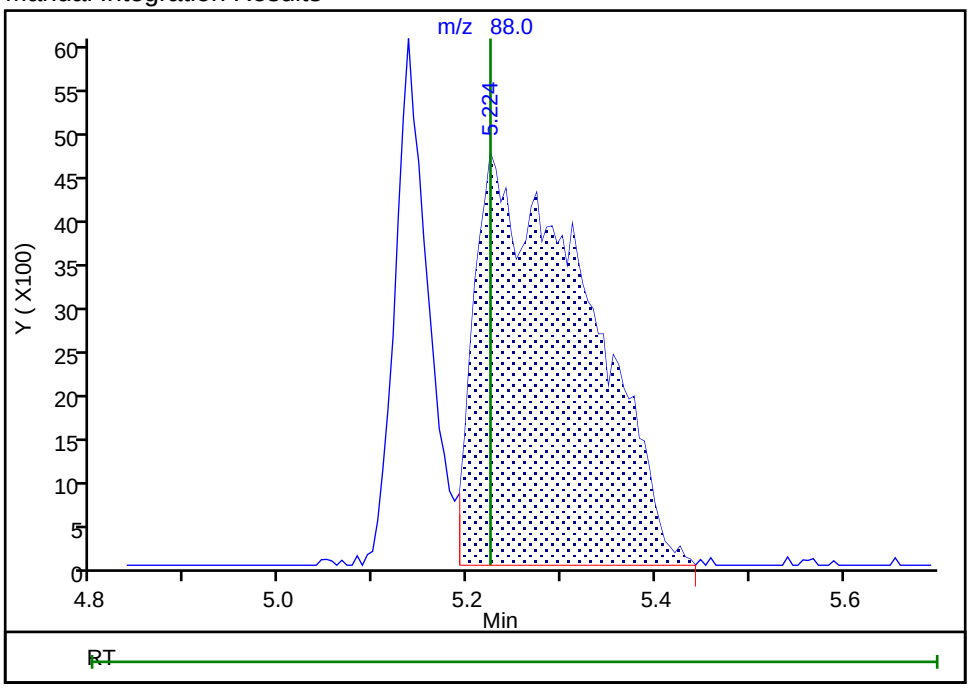
Processing Integration Results

RT: 5.14
Area: 14599
Amount: 574.4570
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 39110
Amount: 940.9582
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:23:58
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

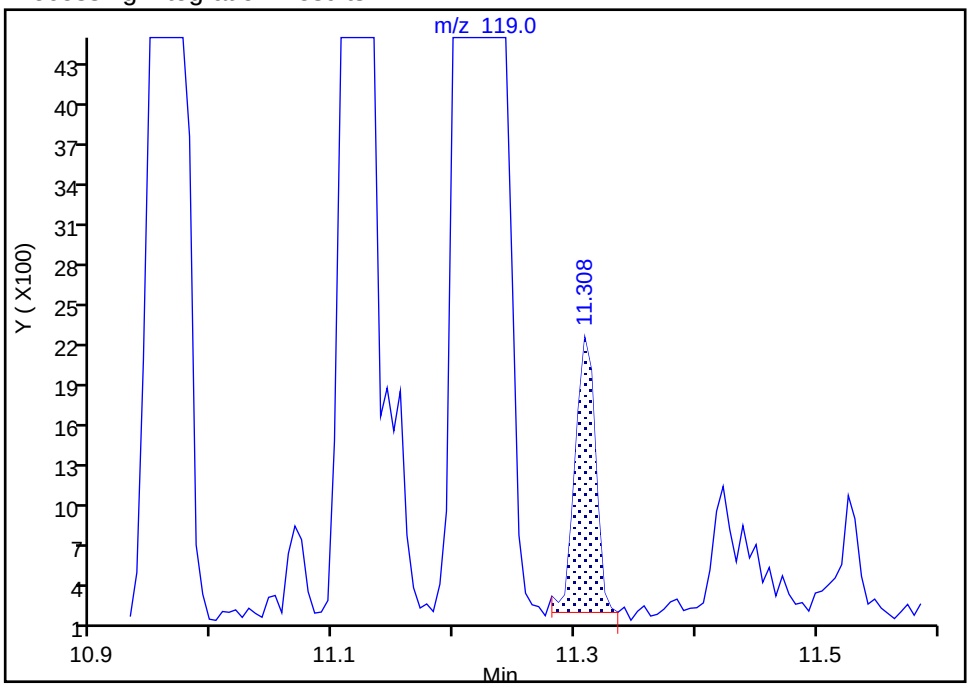
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34453.D
Injection Date: 25-May-2022 12:53:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

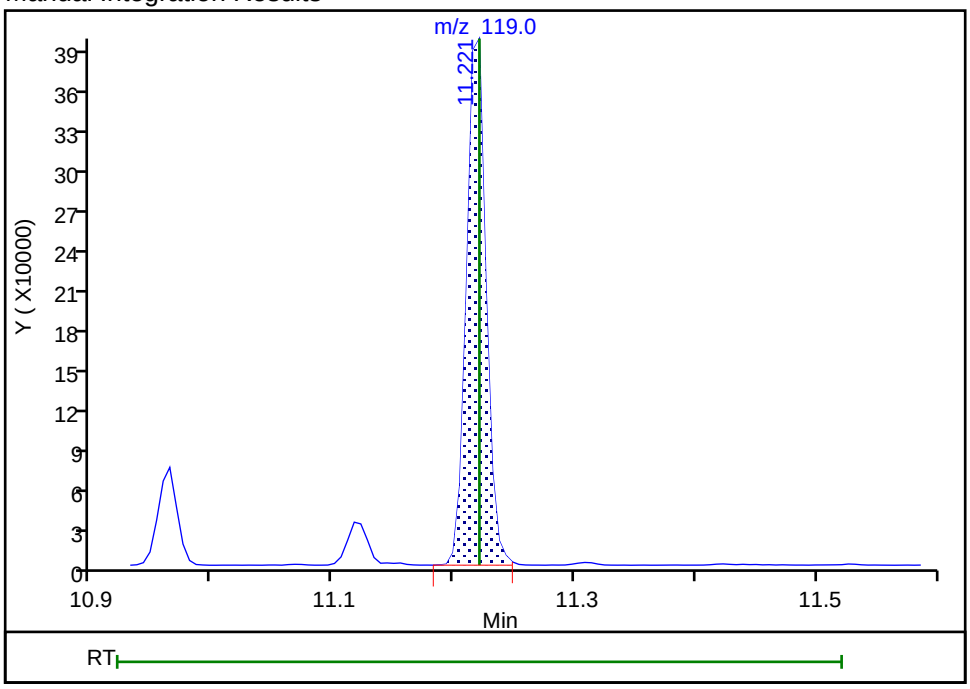
Processing Integration Results

RT: 11.31
Area: 2412
Amount: 0.401802
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 445976
Amount: 51.121260
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:42:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 27-May-2022 12:10:49 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 25-May-2022 13:15:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0145738-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-May-2022 12:10:48 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: martineze Date: 25-May-2022 14:27:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.116	1.116	0.000	65	403703	200.0	204.7	
3 1,1-Difluoroethane	65	1.116	1.116	0.000	98	345008	NC	NC	
4 Dichlorodifluoromethane	85	1.137	1.137	0.000	98	1407353	200.0	229.2	
5 Chlorodifluoromethane	67	1.137	1.137	0.000	97	170759	200.0	200.1	
6 Chloromethane	50	1.263	1.263	0.000	98	1152274	200.0	234.3	
7 Butadiene	54	1.317	1.317	0.000	96	735155	200.0	192.8	
8 Vinyl chloride	62	1.328	1.328	0.000	98	884119	200.0	197.2	
9 Bromomethane	94	1.525	1.525	0.000	98	714796	200.0	191.4	
10 Chloroethane	64	1.557	1.557	0.000	100	417321	200.0	185.3	
11 Dichlorofluoromethane	67	1.694	1.694	0.000	98	1216309	200.0	191.0	
13 Pentane	72	1.743	1.743	0.000	94	172826	400.0	402.1	
12 Trichlorofluoromethane	101	1.748	1.748	0.000	98	1294311	200.0	196.3	Ma
15 Ethyl ether	59	1.868	1.868	0.000	94	416454	200.0	180.5	
14 Ethanol	46	1.874	1.874	0.000	79	158058	8000.0	6936.0	
16 2-Methyl-1,3-butadiene	53	1.890	1.890	0.000	97	494078	200.0	183.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.907	1.907	0.000	94	686136	200.0	203.5	Ma
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.945	1.945	0.000	95	1032732	200.0	202.3	a
19 Acrolein	56	1.956	1.956	0.000	96	129906	500.0	603.8	
21 1,1-Dichloroethene	96	2.032	2.032	0.000	97	657115	200.0	194.1	
20 112TCTFE	101	2.070	2.070	0.000	98	820334	200.0	199.1	
22 Acetone	43	2.065	2.065	0.000	87	1262363	1000.0	1025.6	
23 Iodomethane	142	2.136	2.136	0.000	99	1502568	200.0	193.5	
25 Carbon disulfide	76	2.185	2.185	0.000	100	2486673	200.0	199.4	
24 Isopropyl alcohol	45	2.180	2.180	0.000	96	561021	2000.0	2363.6	a
26 3-Chloro-1-propene	39	2.272	2.272	0.000	90	783215	200.0	180.0	
27 Methyl acetate	43	2.289	2.289	0.000	99	846238	400.0	432.7	
29 Acetonitrile	41	2.332	2.332	0.000	42	460522	2000.0	1996.9	a
28 Cyclopentene	67	2.338	2.338	0.000	95	1529127	200.0	188.7	
31 Methylene Chloride	84	2.360	2.360	0.000	88	791851	200.0	190.4	
* 30 TBA-d9 (IS)	65	2.425	2.425	0.000	92	358662	1000.0	1000.0	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.496	2.496	0.000	96	1065793	2000.0	1908.8	a
35 Acrylonitrile	53	2.534	2.534	0.000	94	2166264	2000.0	1924.3	
34 trans-1,2-Dichloroethene	96	2.561	2.561	0.000	93	739631	200.0	199.6	
33 Methyl tert-butyl ether	73	2.567	2.567	0.000	96	1999791	200.0	197.6	
36 Hexane	43	2.774	2.774	0.000	92	507225	200.0	204.5	
38 1,1-Dichloroethane	63	2.878	2.878	0.000	99	1158747	200.0	197.9	
39 Vinyl acetate	86	2.922	2.922	0.000	100	222505	400.0	397.3	
37 Isopropyl ether	45	2.949	2.949	0.000	85	1948555	200.0	188.4	
40 2-Chloro-1,3-butadiene	88	2.954	2.954	0.000	91	637383	200.0	195.1	
41 Tert-butyl ethyl ether	87	3.243	3.243	0.000	90	906353	200.0	190.3	
* 42 2-Butanone-d5	46	3.320	3.320	0.000	88	243119	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.358	3.358	0.000	99	827410	200.0	194.5	
43 2,2-Dichloropropane	79	3.374	3.374	0.000	94	386203	200.0	186.1	
46 2-Butanone (MEK)	72	3.374	3.374	0.000	91	411384	1000.0	1056.9	a
48 Propionitrile	54	3.424	3.424	0.000	99	883371	2000.0	1961.0	a
45 Ethyl acetate	70	3.434	3.434	0.000	99	120367	400.0	395.9	
47 Methyl acrylate	55	3.462	3.462	0.000	99	614264	200.0	190.4	a
51 Methacrylonitrile	67	3.555	3.555	0.000	91	2386494	2000.0	1901.9	
50 Chlorobromomethane	128	3.565	3.565	0.000	80	454686	200.0	190.5	
49 Tetrahydrofuran	72	3.620	3.620	0.000	77	182821	400.0	374.8	
52 Chloroform	83	3.636	3.636	0.000	99	1311502	200.0	196.6	
$ 55 Dibromofluoromethane (Surr)	113	3.784	3.784	0.000	97	168304	50.0	48.9	
54 1,1,1-Trichloroethane	97	3.816	3.816	0.000	98	1277139	200.0	198.4	
53 Cyclohexane	84	3.882	3.882	0.000	90	1122671	200.0	197.0	
57 1,1-Dichloropropene	75	3.964	3.964	0.000	96	905740	200.0	198.9	
56 Carbon tetrachloride	117	3.975	3.975	0.000	98	1120451	200.0	197.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.095	4.095	0.000	0	157944	50.0	50.3	
58 Isobutyl alcohol	74	4.160	4.160	0.000	95	251339	5000.0	5016.3	a
60 Benzene	78	4.160	4.160	0.000	96	2712760	200.0	198.2	
64 1,2-Dichloroethane	62	4.171	4.171	0.000	98	879911	200.0	190.8	
59 Isooctane	57	4.269	4.269	0.000	95	2747186	200.0	218.3	
62 Isopropyl acetate	61	4.258	4.264	-0.006	95	228313	200.0	187.4	a
63 Tert-amyl methyl ether	73	4.291	4.291	0.000	91	2173548	200.0	194.2	
* 66 Fluorobenzene	96	4.438	4.438	0.000	96	526232	50.0	50.0	a
65 n-Heptane	43	4.460	4.455	0.005	91	895974	200.0	183.0	
68 n-Butanol	56	4.788	4.788	0.000	65	556582	5000.0	5004.6	
69 Trichloroethene	95	4.826	4.826	0.000	97	737650	200.0	203.1	
70 Ethyl acrylate	55	4.962	4.957	0.005	98	642021	200.0	188.2	a
71 Methylcyclohexane	83	5.050	5.050	0.000	94	1351968	200.0	197.0	
72 1,2-Dichloropropane	63	5.066	5.066	0.000	89	656786	200.0	194.8	
* 73 1,4-Dioxane-d8	96	5.181	5.181	0.000	67	33477	1000.0	1000.0	
77 Dibromomethane	93	5.186	5.186	0.000	96	465604	200.0	200.6	
74 Methyl methacrylate	69	5.230	5.230	0.000	84	780258	400.0	391.6	
75 1,4-Dioxane	88	5.219	5.219	0.000	28	170156	4000.0	3423.8	a
76 n-Propyl acetate	43	5.306	5.306	0.000	98	724047	200.0	198.6	
78 Dichlorobromomethane	83	5.382	5.382	0.000	99	963850	200.0	200.1	
79 2-Nitropropane	41	5.650	5.650	0.000	99	283396	400.0	399.5	
67 2-Chloroethyl vinyl ether	63	5.764	5.764	0.000	94	87336	200.5	201.6	M
80 Epichlorohydrin	57	5.813	5.813	0.000	99	1137365	4000.0	3877.4	
81 cis-1,3-Dichloropropene	75	5.923	5.923	0.000	93	1050023	200.0	199.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.146	6.146	0.000	96	2919070	1000.0	943.2	
$ 83 Toluene-d8 (Surr)	98	6.261	6.261	0.000	99	593917	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.343	6.343	0.000	93	2913294	200.0	199.0	
85 trans-1,3-Dichloropropene	75	6.643	6.643	0.000	97	922541	200.0	201.5	
86 Ethyl methacrylate	69	6.823	6.823	0.000	87	786304	200.0	190.3	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	95	474806	200.0	202.2	
88 Tetrachloroethene	166	7.063	7.063	0.000	98	792615	200.0	203.7	
89 1,3-Dichloropropane	76	7.101	7.101	0.000	92	874361	200.0	199.9	
90 2-Hexanone	43	7.270	7.270	0.000	95	1755267	1000.0	964.8	
92 Chlorodibromomethane	129	7.401	7.401	0.000	97	756931	200.0	197.3	
91 n-Butyl acetate	43	7.489	7.489	0.000	99	743194	200.0	172.0	
93 Ethylene Dibromide	107	7.538	7.538	0.000	99	619201	200.0	193.6	
* 94 Chlorobenzene-d5	117	8.231	8.231	0.000	83	411239	50.0	50.0	
95 Chlorobenzene	112	8.274	8.274	0.000	96	1921441	200.0	201.4	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	896266	200.0	195.1	
96 Ethylbenzene	106	8.482	8.482	0.000	98	1072036	200.0	195.0	
98 m-Xylene & p-Xylene	106	8.662	8.662	0.000	0	1309471	200.0	187.9	
100 o-Xylene	106	9.175	9.175	0.000	95	1412346	200.0	193.7	
101 Styrene	104	9.196	9.196	0.000	94	2113619	200.0	192.5	
99 n-Butyl acrylate	73	9.218	9.218	0.000	97	438687	200.0	198.7	
103 Bromoform	173	9.376	9.376	0.000	97	520041	200.0	195.2	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	91	792926	200.0	181.7	
104 Isopropylbenzene	105	9.627	9.627	0.000	96	3778063	200.0	198.1	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	94	188491	50.0	48.1	
106 Bromobenzene	156	9.900	9.900	0.000	91	897963	200.0	202.4	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.949	0.000	98	858790	200.0	201.8	
109 1,2,3-Trichloropropane	110	9.977	9.977	0.000	95	235501	200.0	194.7	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.009	0.000	95	183305	200.0	195.6	
108 N-Propylbenzene	91	10.064	10.064	0.000	100	3976669	200.0	203.2	
111 2-Chlorotoluene	91	10.119	10.119	0.000	97	2420041	200.0	207.1	
112 4-Ethyltoluene	105	10.184	10.184	0.000	99	3284848	200.0	196.9	
114 4-Chlorotoluene	91	10.233	10.233	0.000	97	2603263	200.0	206.0	
113 1,3,5-Trimethylbenzene	105	10.249	10.249	0.000	93	3241371	200.0	210.4	
115 Butyl Methacrylate	87	10.386	10.386	0.000	90	815259	200.0	186.3	
116 tert-Butylbenzene	119	10.550	10.550	0.000	94	2705106	200.0	224.0	
117 1,2,4-Trimethylbenzene	105	10.599	10.599	0.000	97	3278016	200.0	197.1	
118 sec-Butylbenzene	105	10.751	10.751	0.000	99	4172681	200.0	213.5	
120 1,3-Dichlorobenzene	146	10.822	10.822	0.000	97	1652306	200.0	197.8	
* 121 1,4-Dichlorobenzene-d4	152	10.882	10.882	0.000	94	227439	50.0	50.0	
119 4-Isopropyltoluene	119	10.893	10.893	0.000	97	3602546	200.0	210.1	
122 1,4-Dichlorobenzene	146	10.904	10.904	0.000	96	1628601	200.0	198.0	
123 1,2,3-Trimethylbenzene	105	10.964	10.964	0.000	98	3522817	200.0	204.4	
124 Benzyl chloride	91	11.024	11.024	0.000	99	1560613	200.0	198.6	
125 2,3-Dihydroindene	117	11.122	11.122	0.000	94	3137218	200.0	198.2	
128 1,2-Dichlorobenzene	146	11.215	11.215	0.000	97	1711871	200.0	197.0	
126 p-Diethylbenzene	119	11.221	11.221	0.000	93	1784240	200.0	198.4	a
127 n-Butylbenzene	92	11.237	11.237	0.000	98	1721866	200.0	197.5	
129 1,2,4,5-Tetramethylbenzene	119	11.837	11.837	0.000	97	3595071	200.0	202.3	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	86	239484	200.0	192.8	
131 1,3,5-Trichlorobenzene	180	12.006	12.006	0.000	98	1429412	200.0	190.6	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	94	1373084	200.0	192.4	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	94	628961	200.0	204.8	
134 Naphthalene	128	12.628	12.628	0.000	99	3197816	200.0	179.2	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	96	1344069	200.0	188.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		400.0	394.1	
S 137 Xylenes, Total	100				0		400.0	381.6	
S 139 Total BTEX	1				0		1000.0	973.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00415	Amount Added:	2.00	Units: uL		
MIX I Hi_00150	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00123	Amount Added:	2.00	Units: uL		
Ethanol mix_00064	Amount Added:	2.00	Units: uL		
8FreonHi_00045	Amount Added:	2.00	Units: uL		
ACROLEIN W_00140	Amount Added:	5.00	Units: uL		
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-May-2022 12:10:49 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D

Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9 Operator ID:

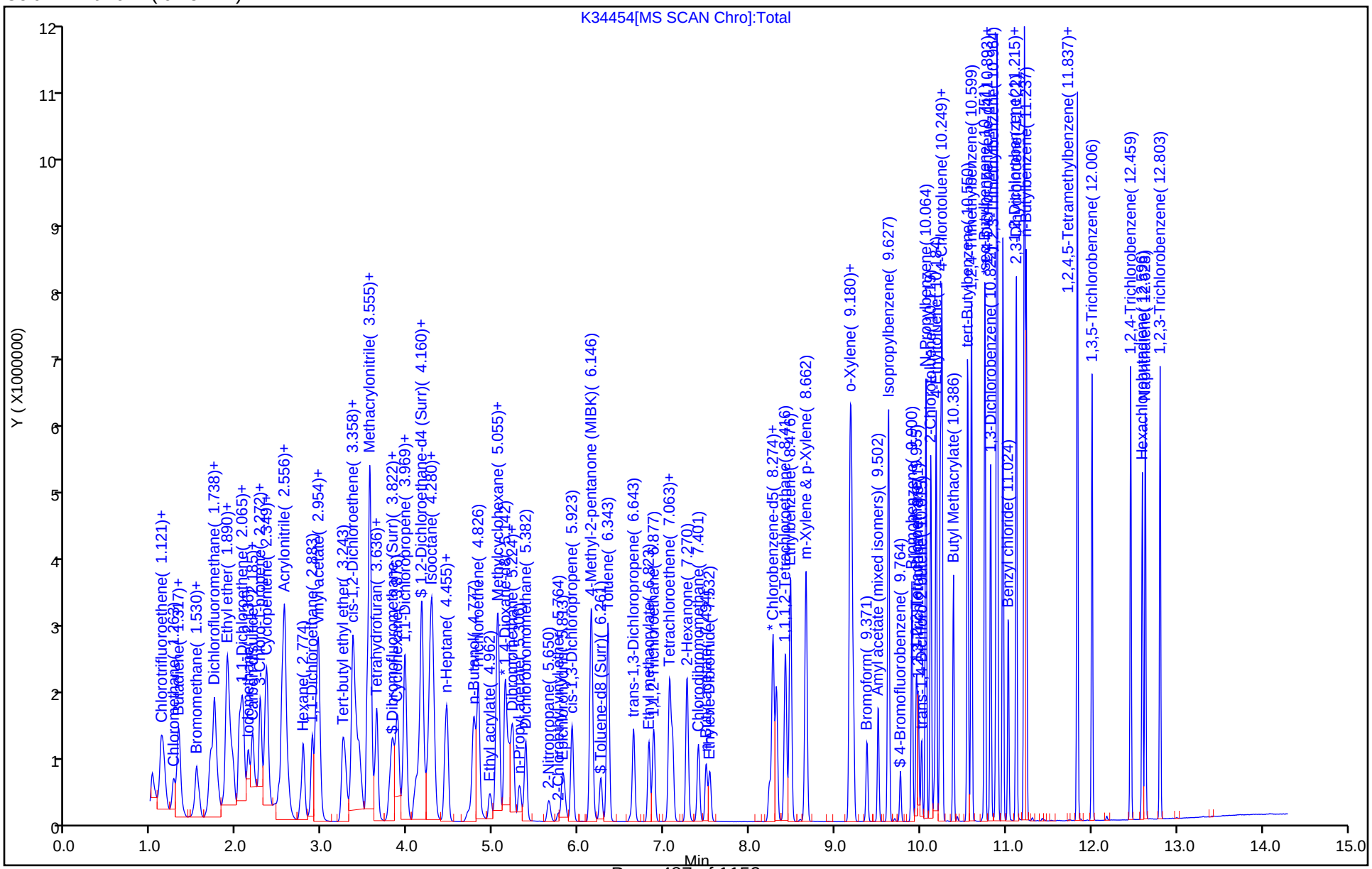
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

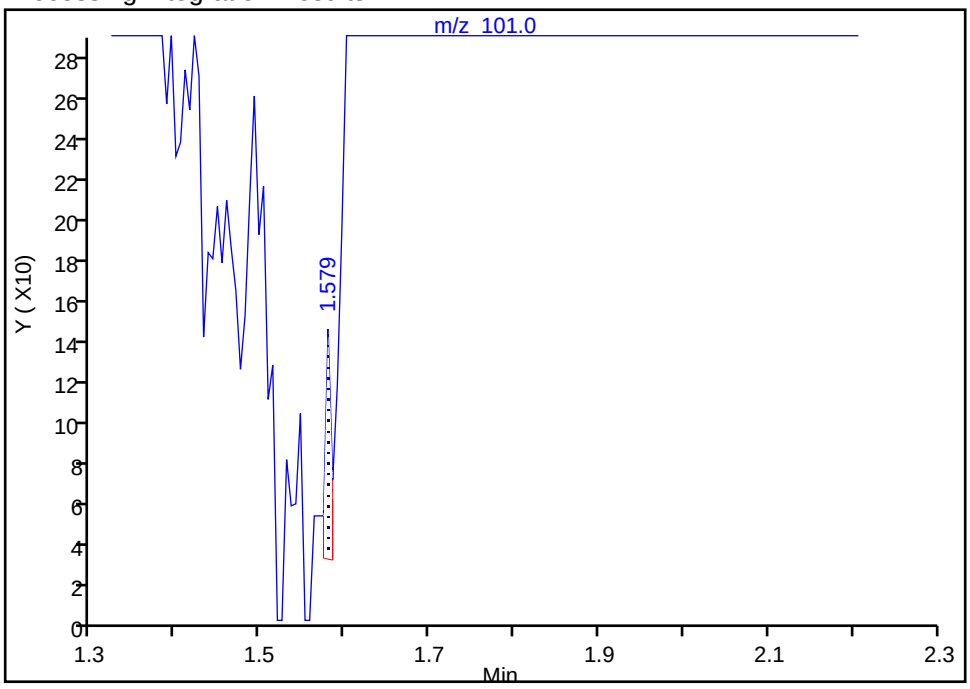
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Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

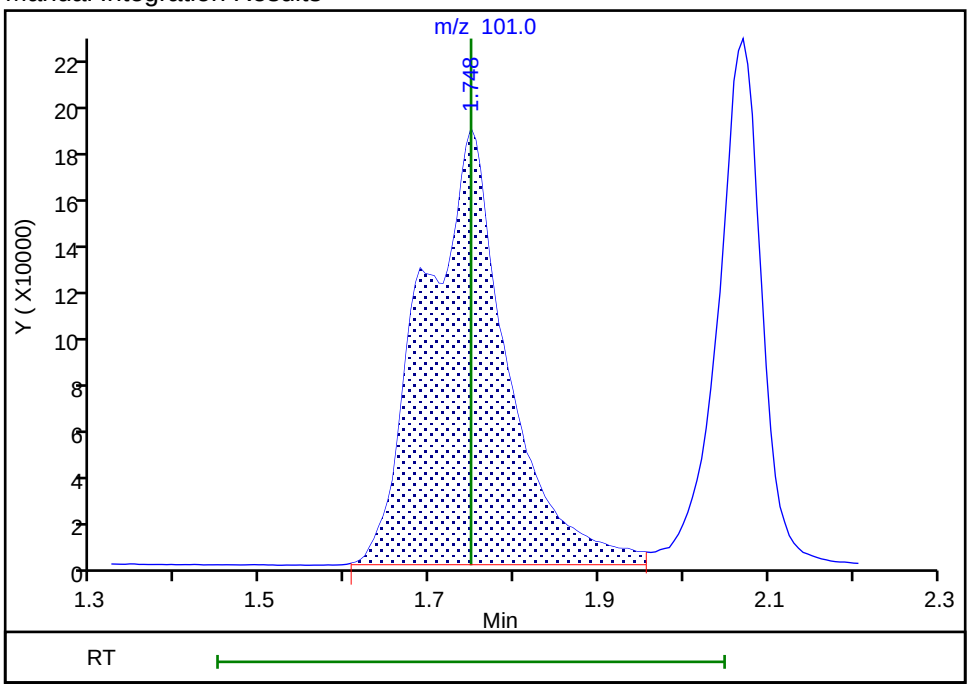
Processing Integration Results

RT: 1.58
Area: 57
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 1294311
Amount: 196.3088
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:26:15
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

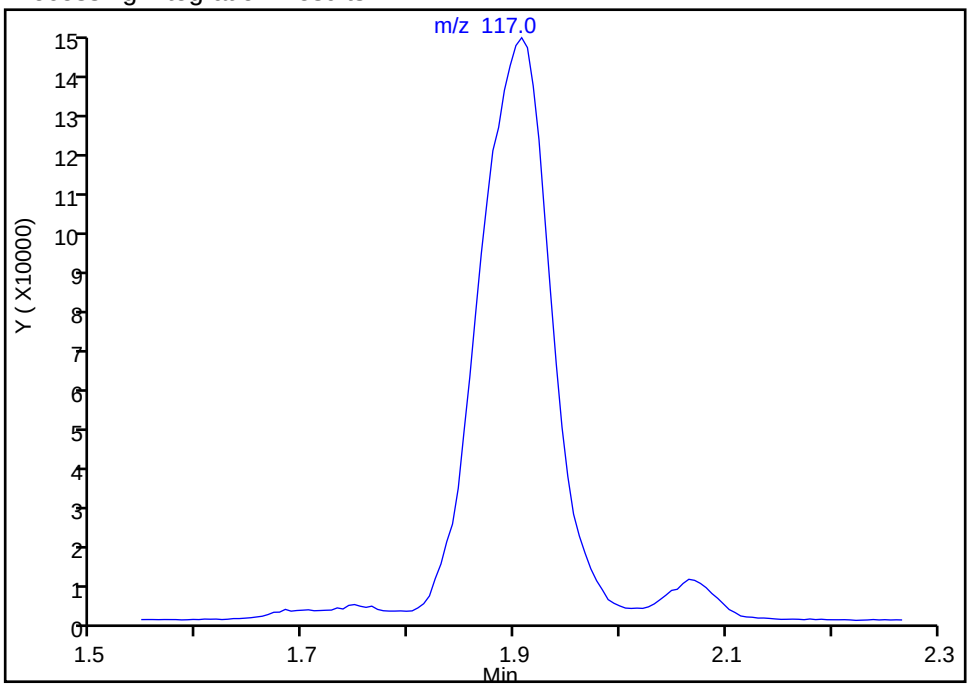
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Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

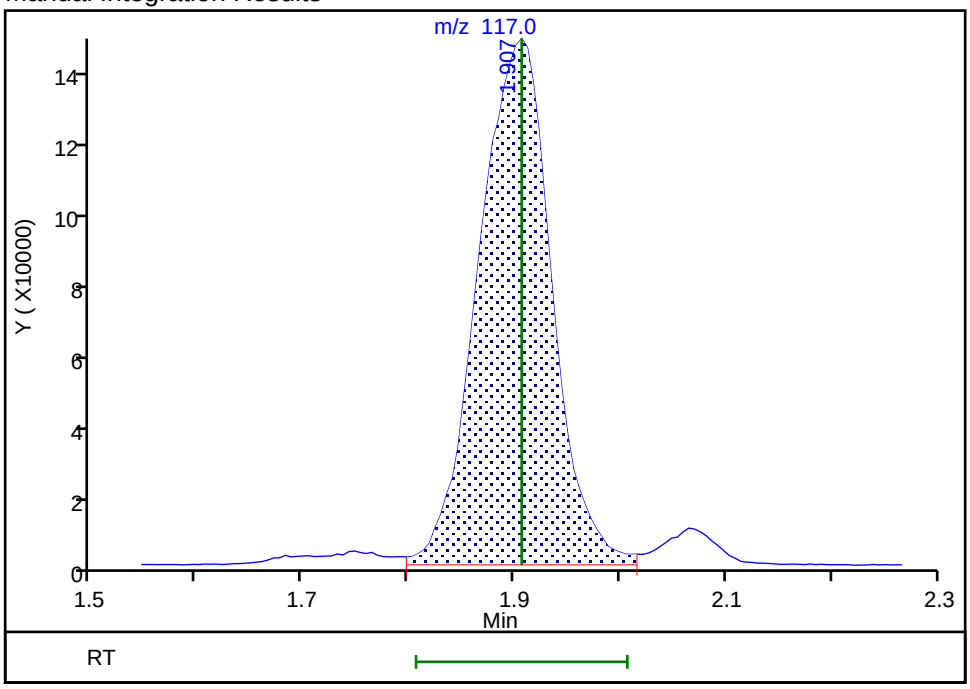
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 686136
Amount: 203.5376
Amount Units: ug/l



Reviewer: baronm, 27-May-2022 12:01:07
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

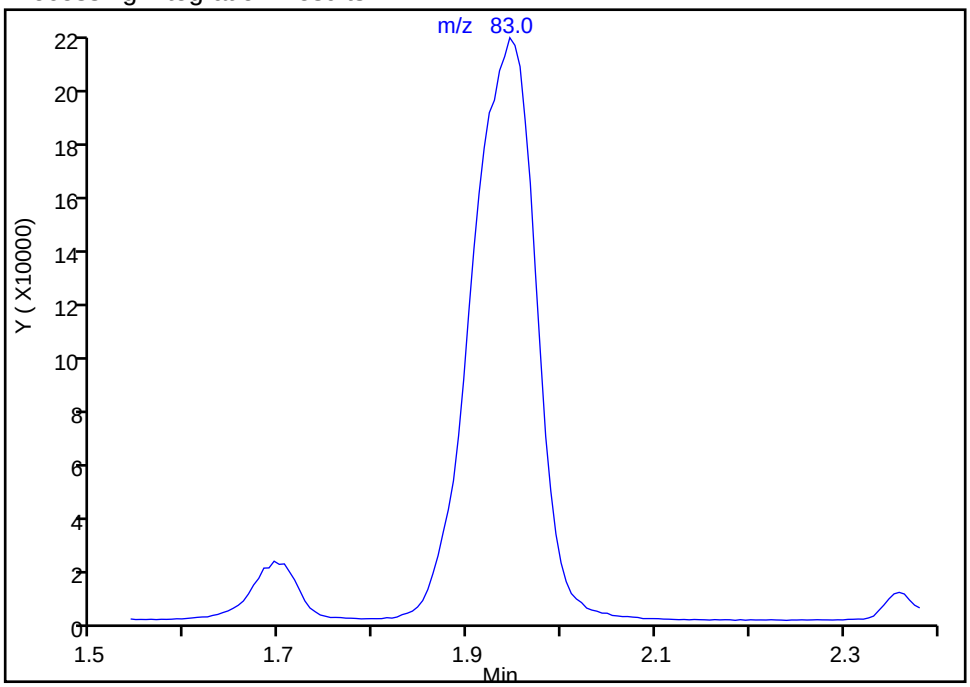
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Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

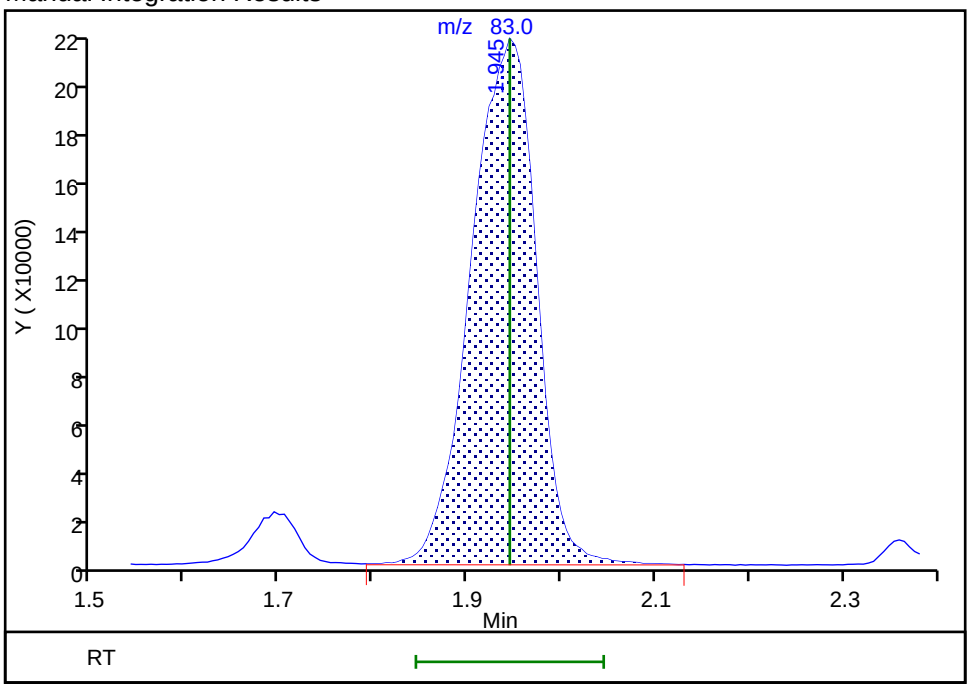
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 1032732
Amount: 202.2909
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:25:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

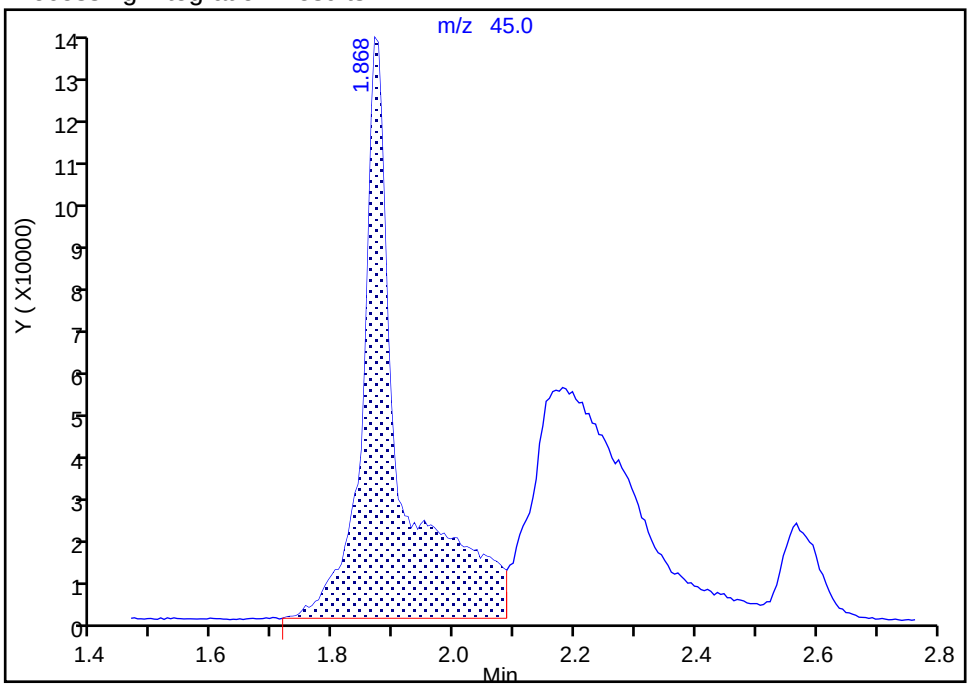
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Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

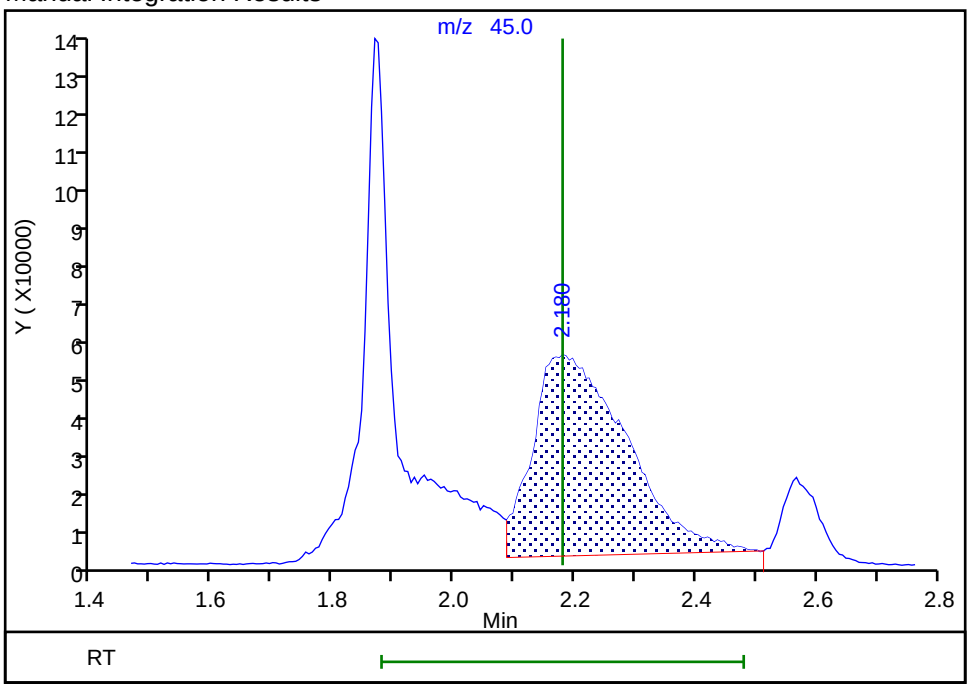
Processing Integration Results

RT: 1.87
Area: 582064
Amount: 1999.1496
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 561021
Amount: 2363.6448
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:26:42
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

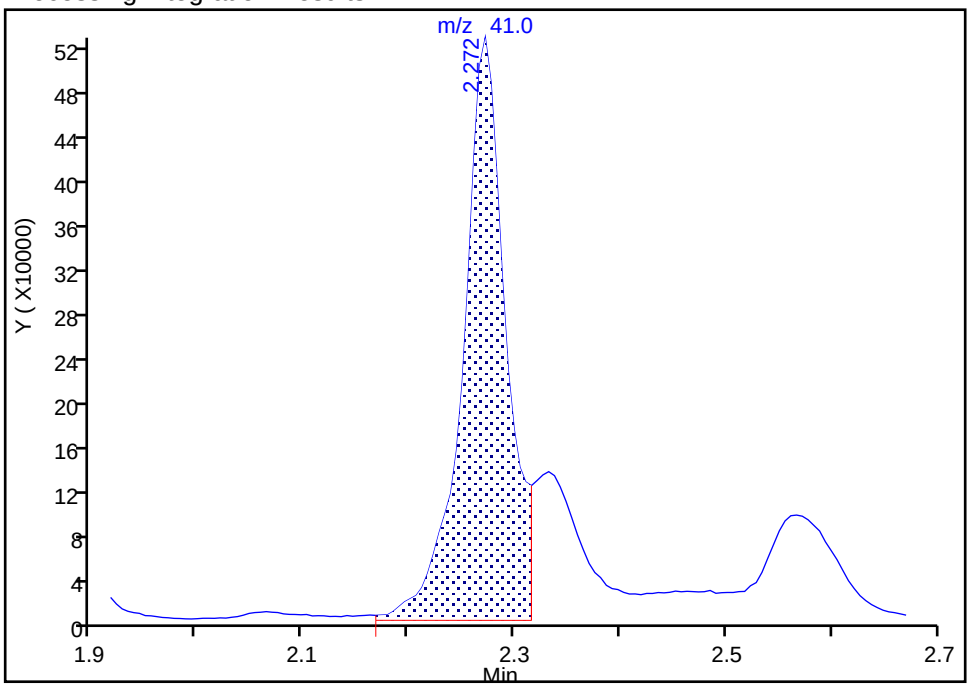
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

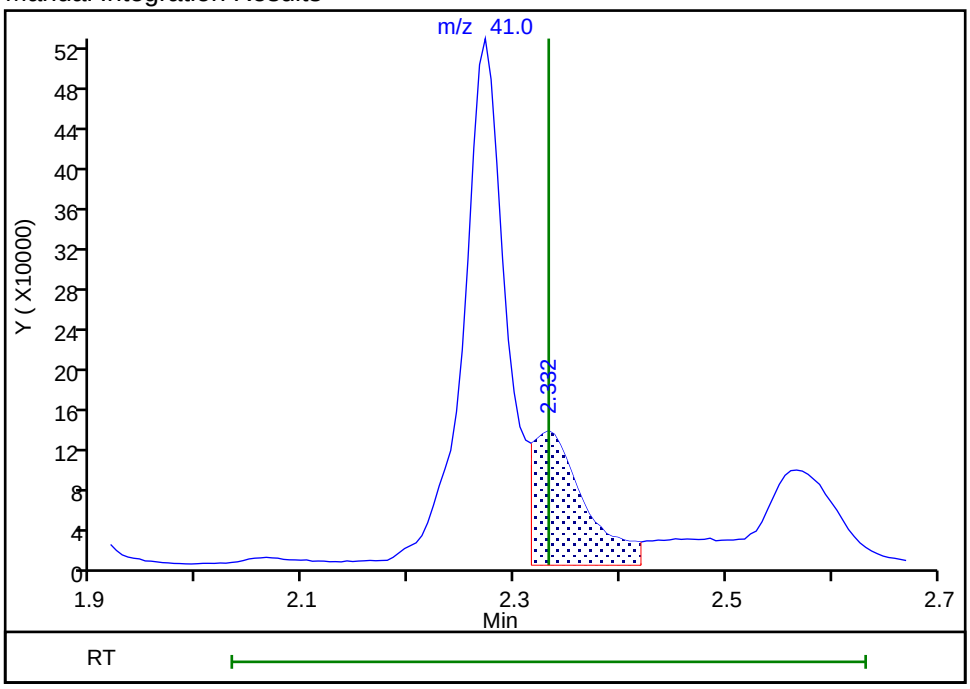
Processing Integration Results

RT: 2.27
Area: 1490386
Amount: 2588.8828
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 460522
Amount: 1996.8865
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:26:47
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

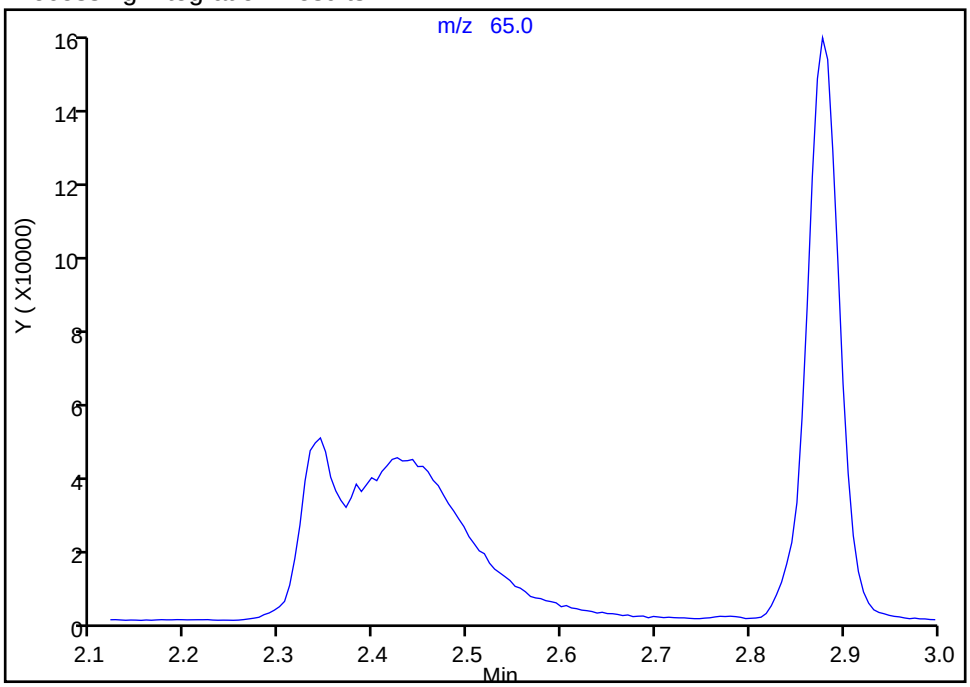
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

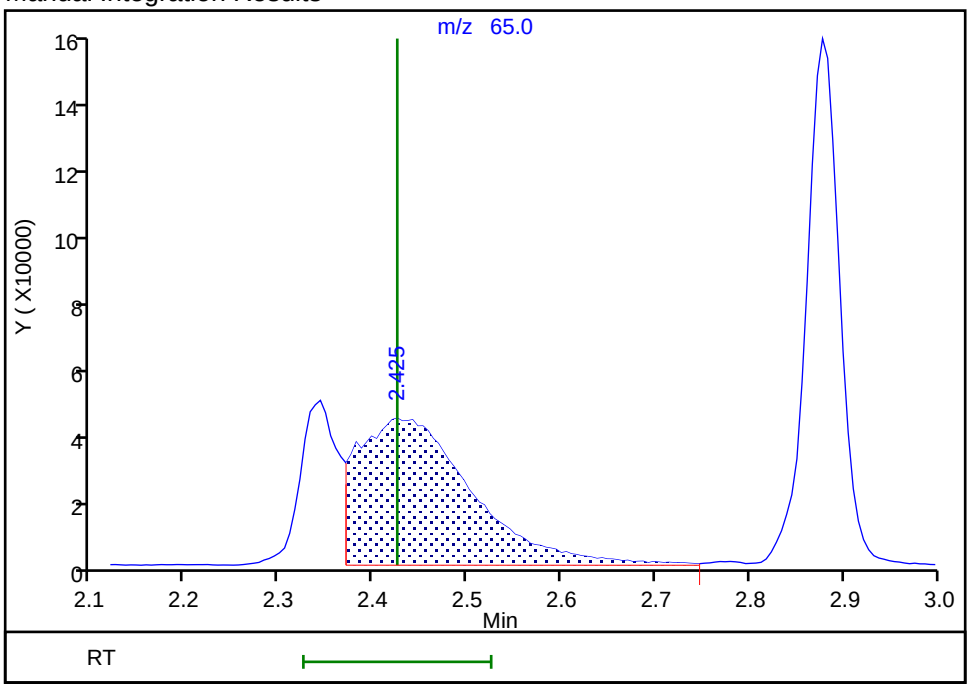
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 358662
Amount: 1000.0000
Amount Units: ug/l



Reviewer: baronm, 25-May-2022 15:13:26
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

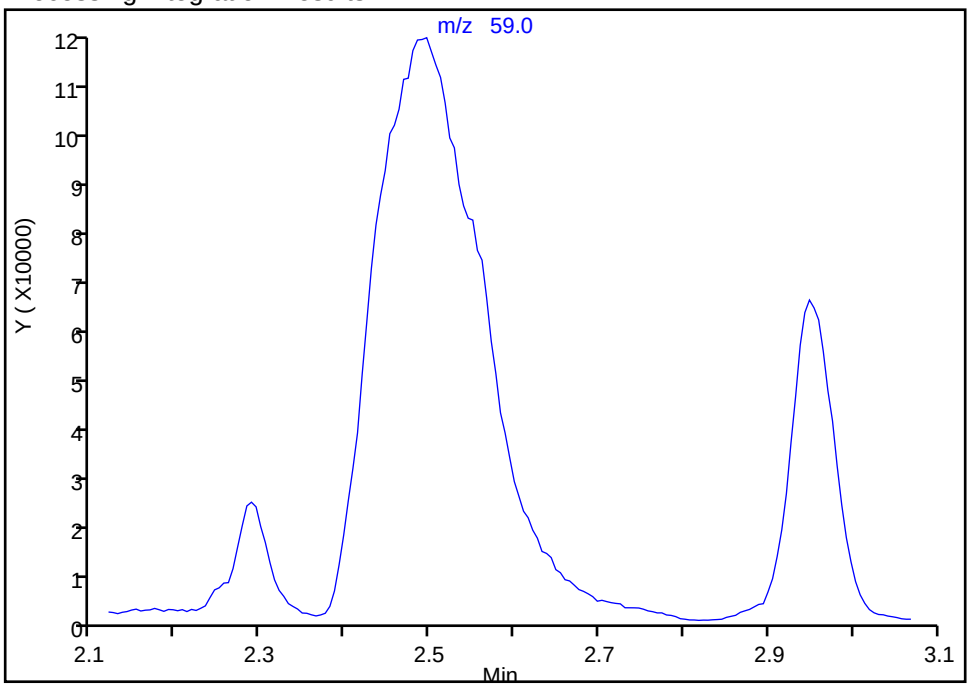
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

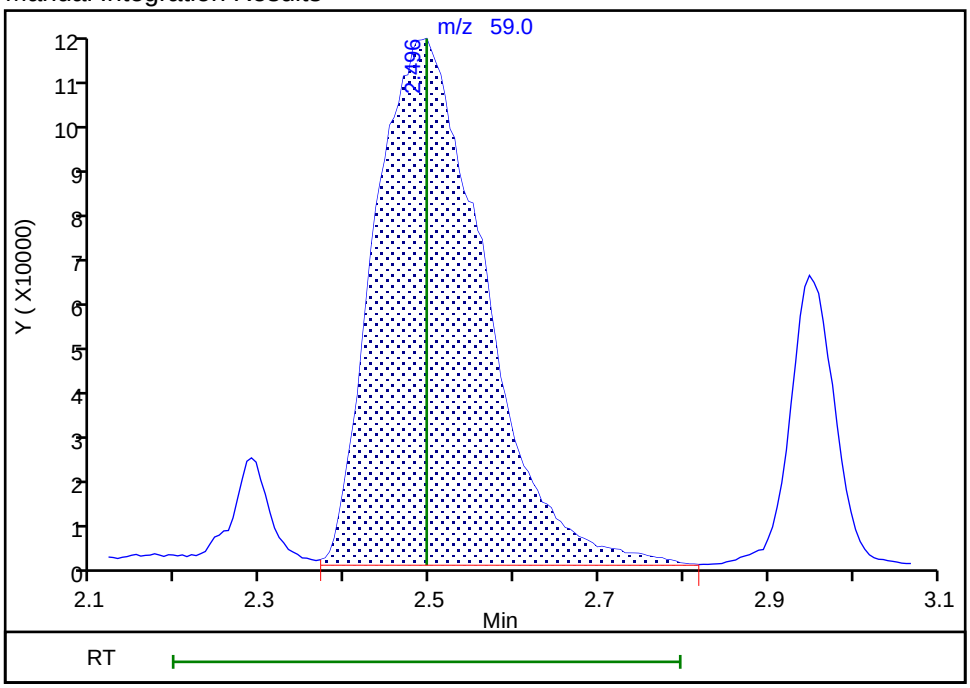
Not Detected
Expected RT: 2.50

Processing Integration Results



Manual Integration Results

RT: 2.50
Area: 1065793
Amount: 1908.7733
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:26:54
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

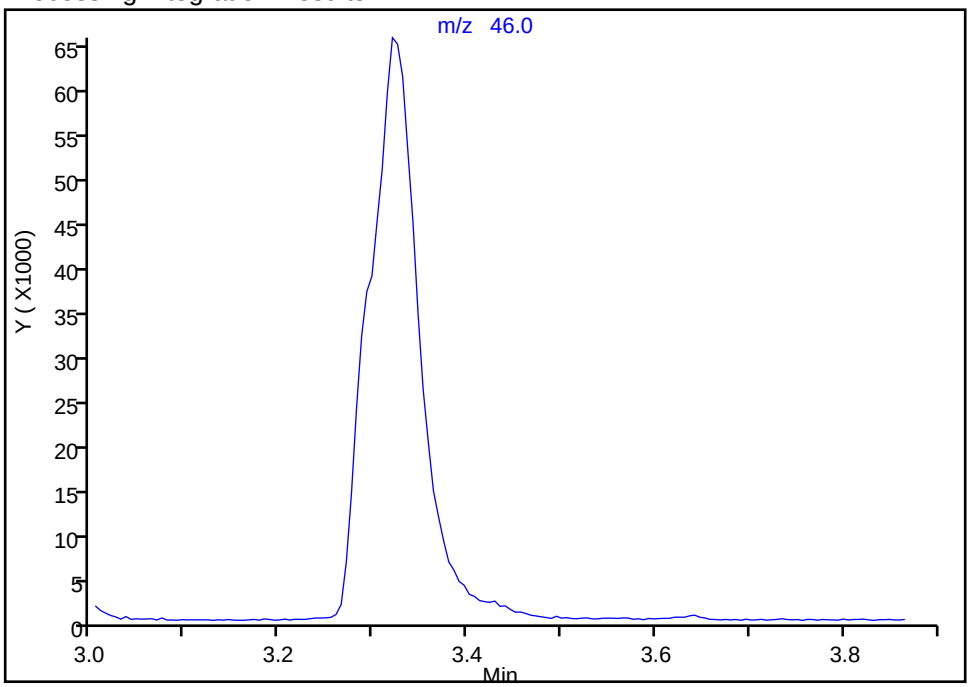
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

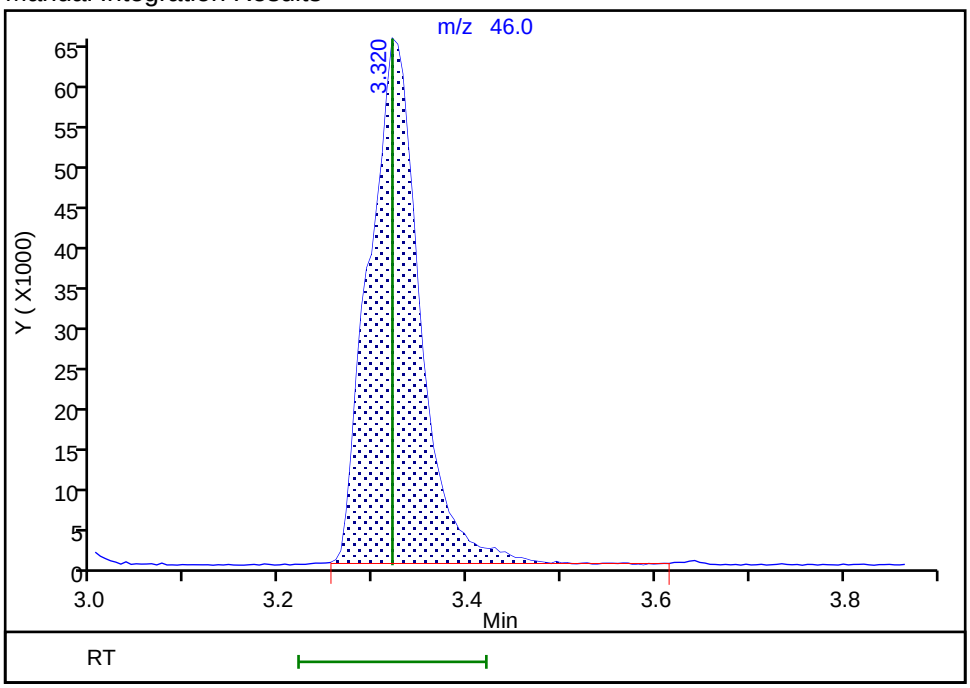
Not Detected
Expected RT: 3.32

Processing Integration Results



Manual Integration Results

RT: 3.32
Area: 243119
Amount: 250.0000
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:27:03
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

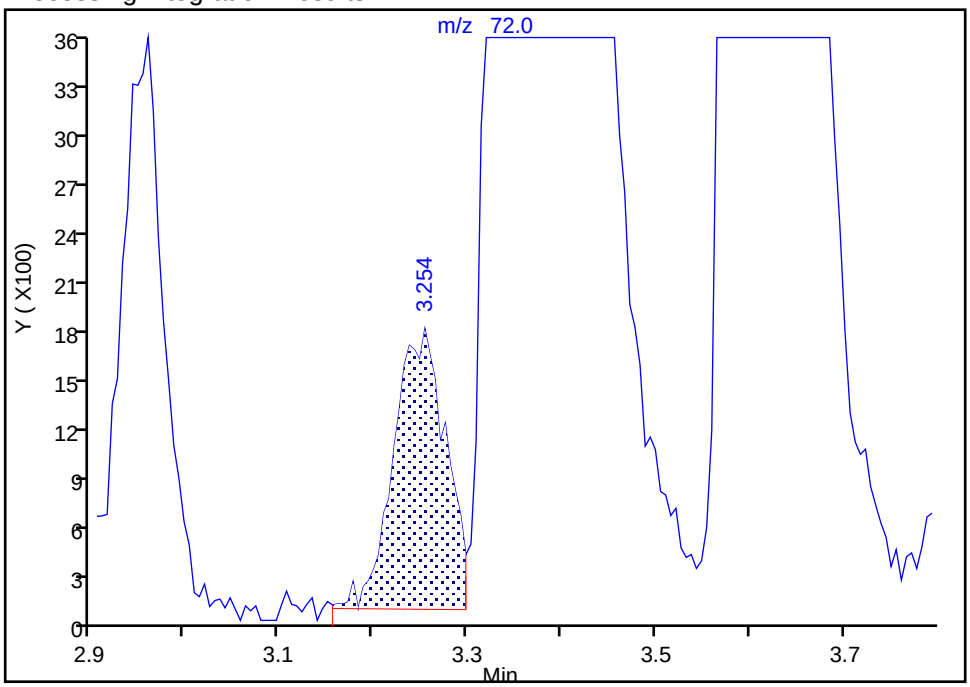
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

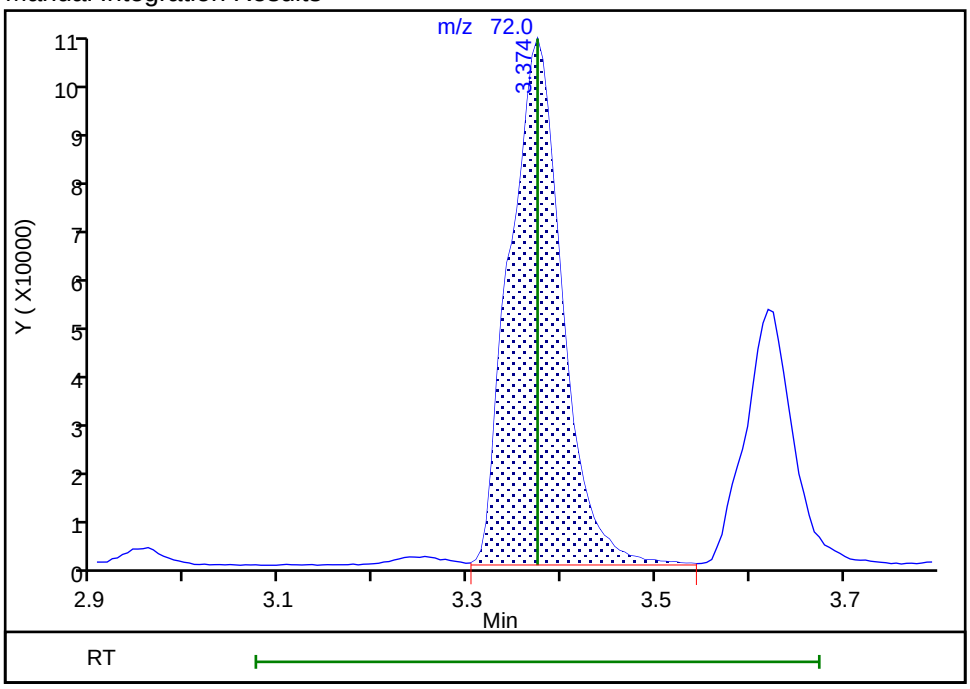
Processing Integration Results

RT: 3.25
Area: 6555
Amount: 30.077304
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 411384
Amount: 1056.9484
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:27:12
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

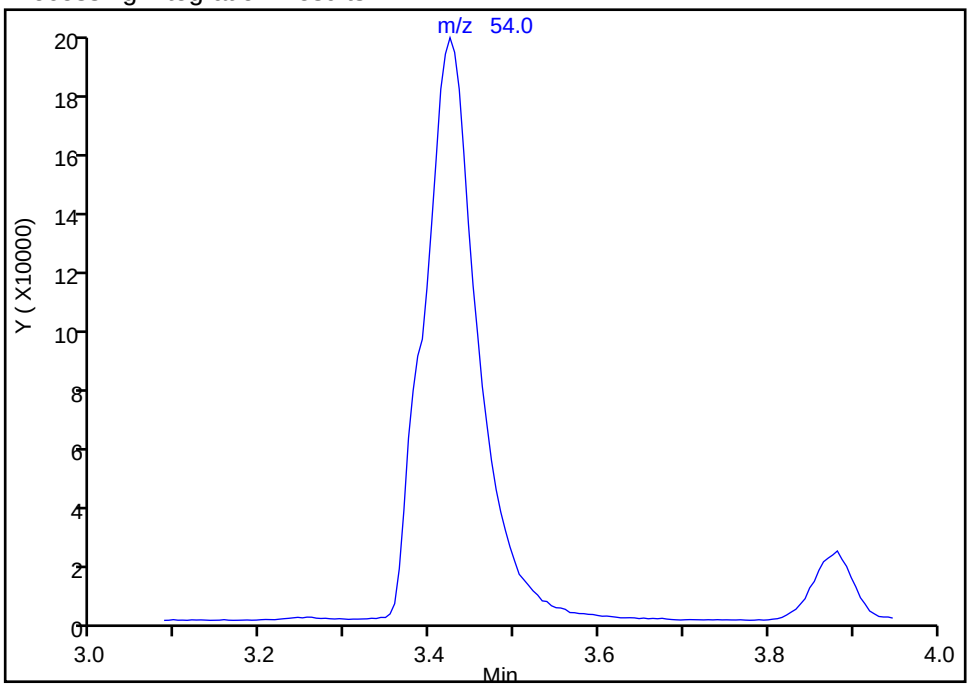
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

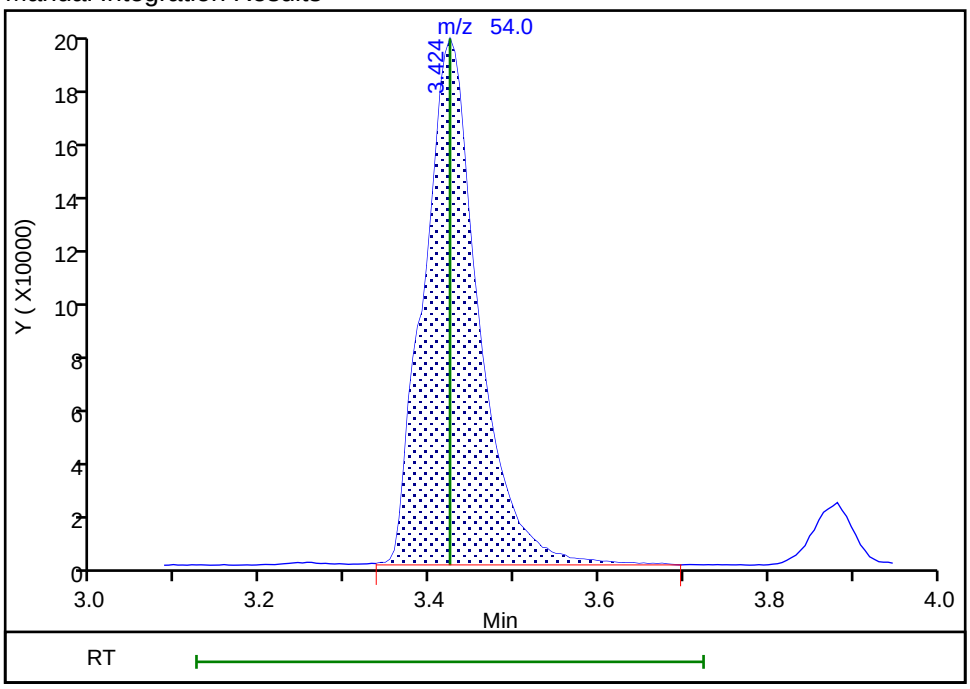
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 883371
Amount: 1960.9724
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:27:18
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

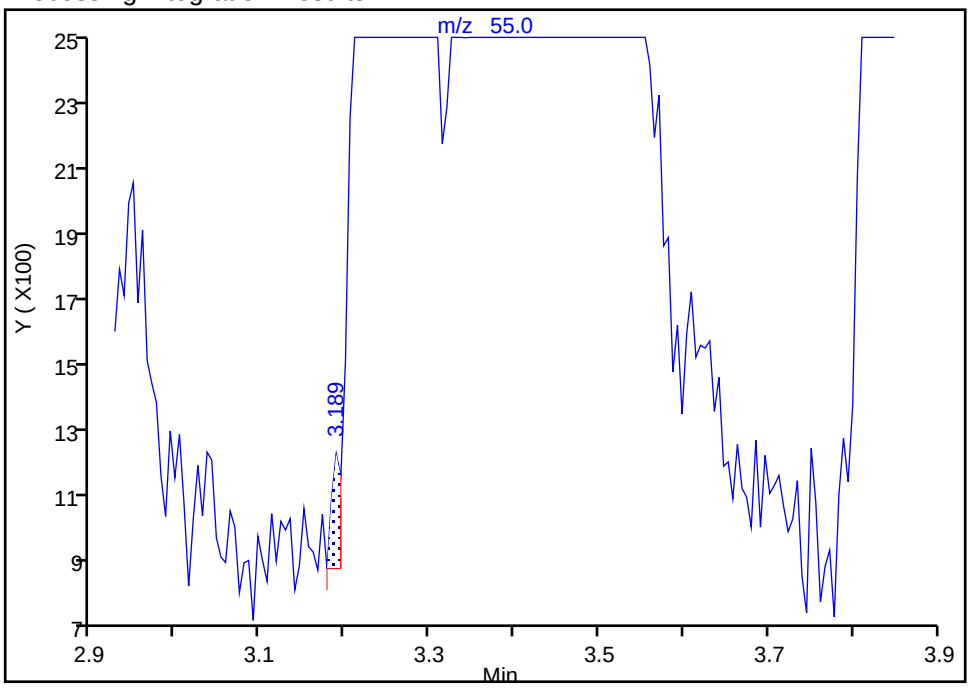
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

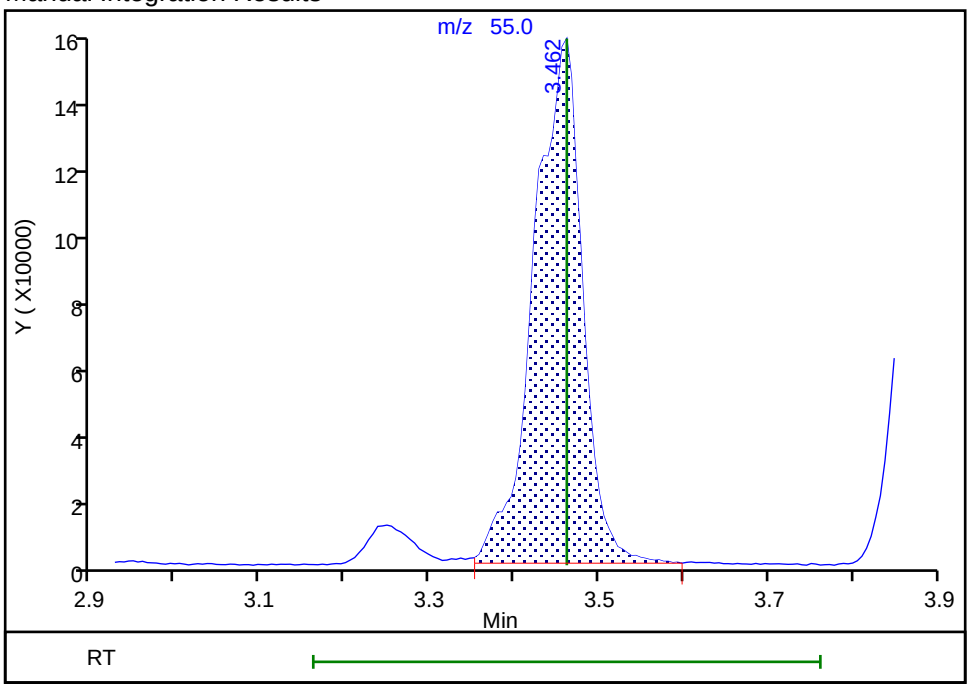
Processing Integration Results

RT: 3.19
Area: 271
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 3.46
Area: 614264
Amount: 190.3658
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:27:24
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

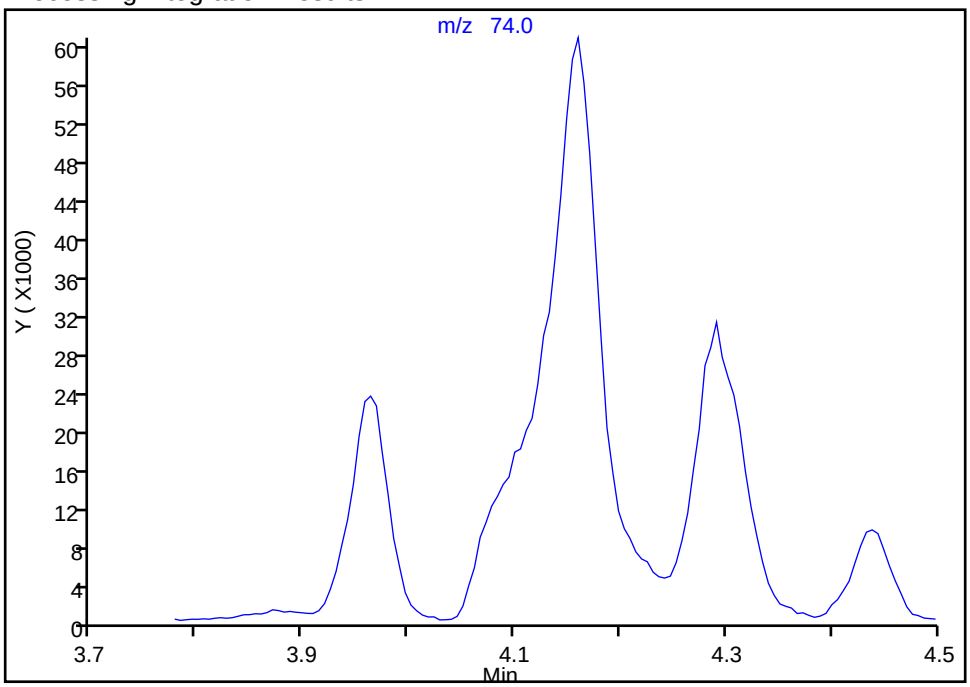
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

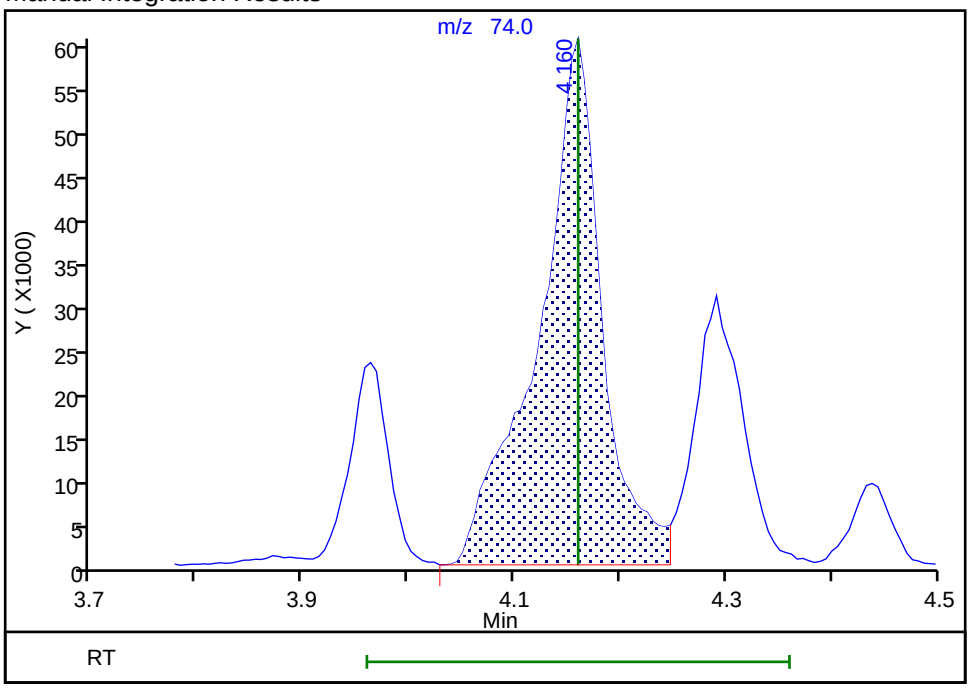
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 251339
Amount: 5016.3183
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:27:34
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

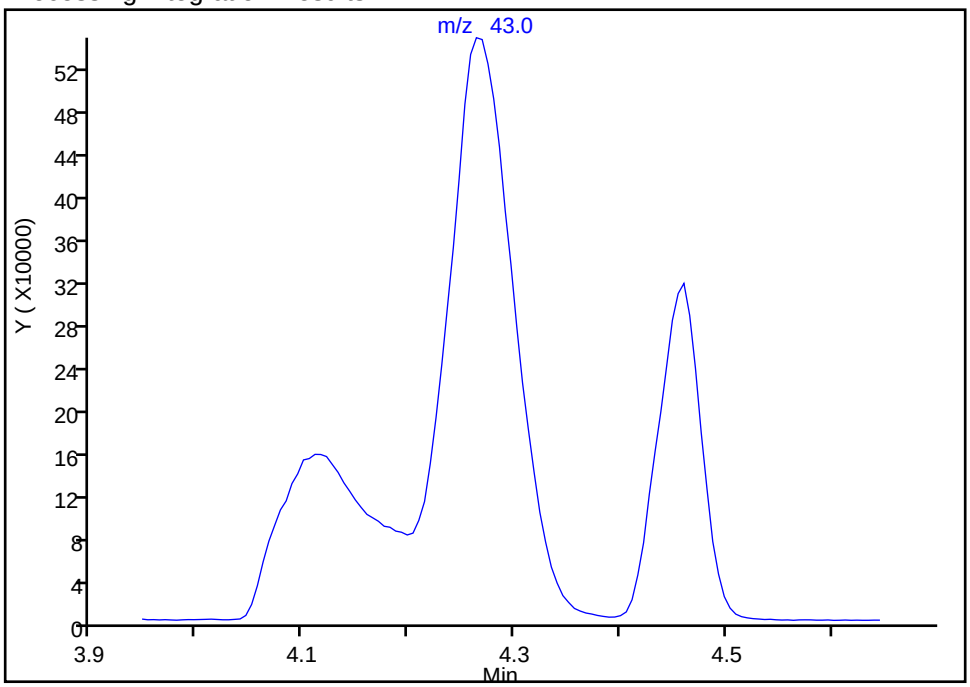
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

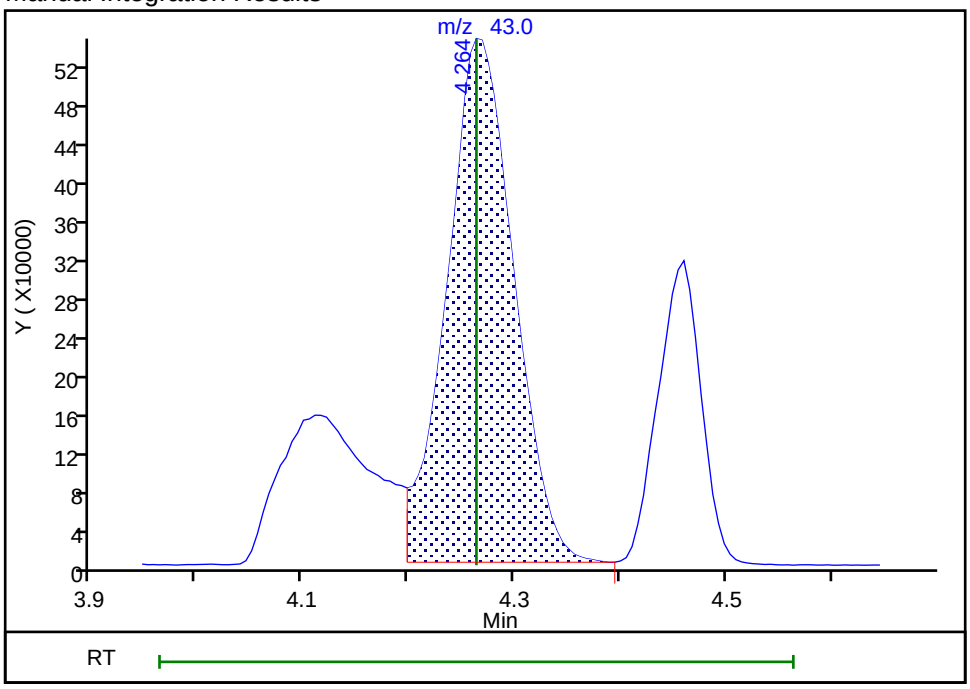
Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 2382623
Amount: 187.4311
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:27:41
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

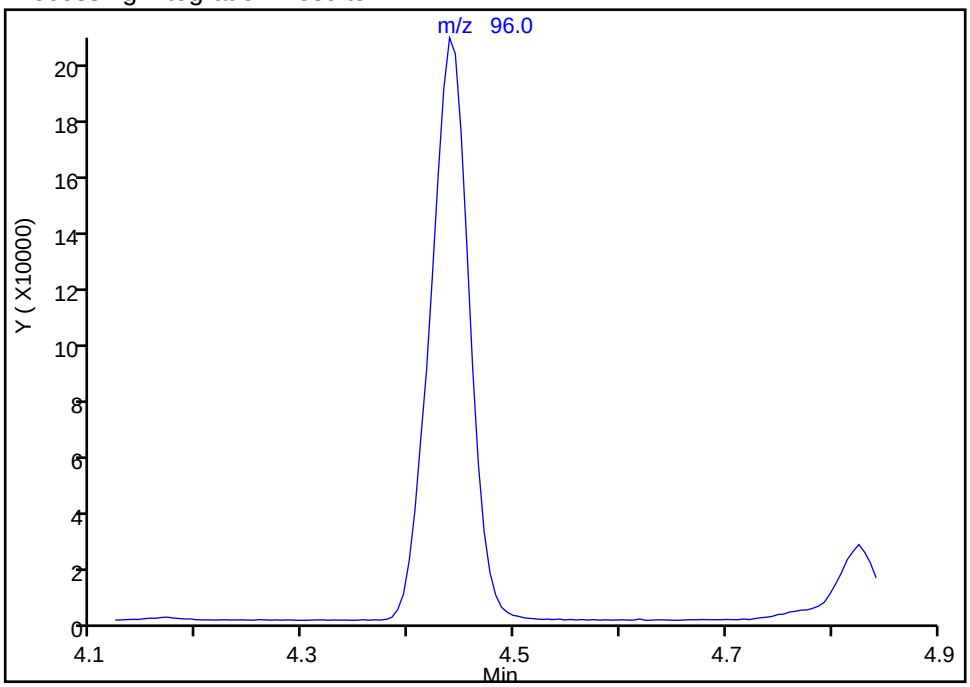
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 66 Fluorobenzene, CAS: 462-06-6

Signal: 1

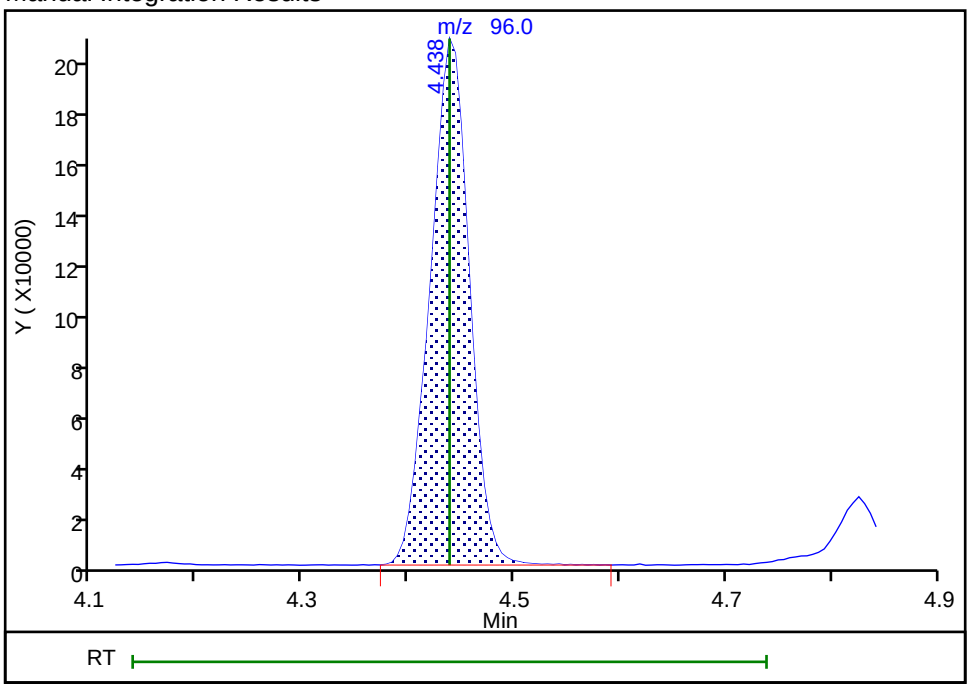
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 526232
Amount: 50.000000
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:29:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

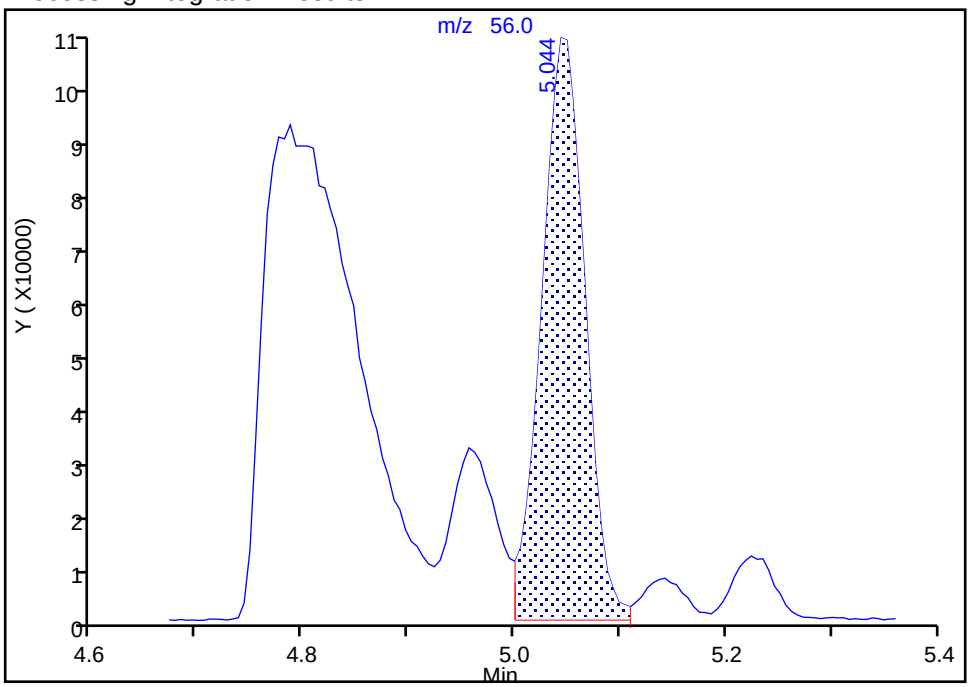
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

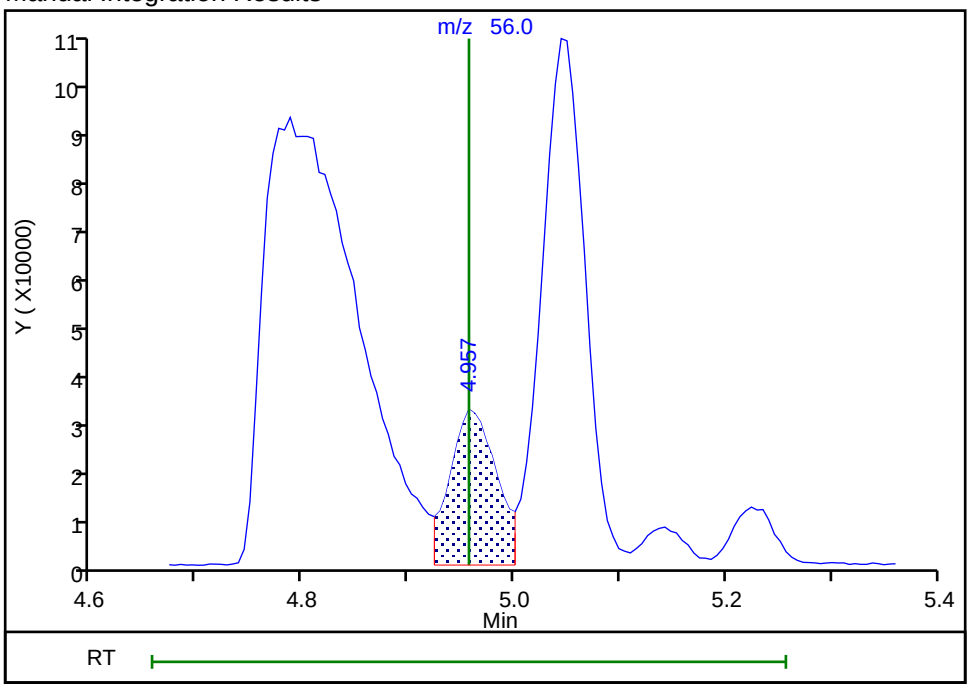
Processing Integration Results

RT: 5.04
Area: 304845
Amount: 207.3289
Amount Units: ug/l



Manual Integration Results

RT: 4.96
Area: 98096
Amount: 188.1620
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:09:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

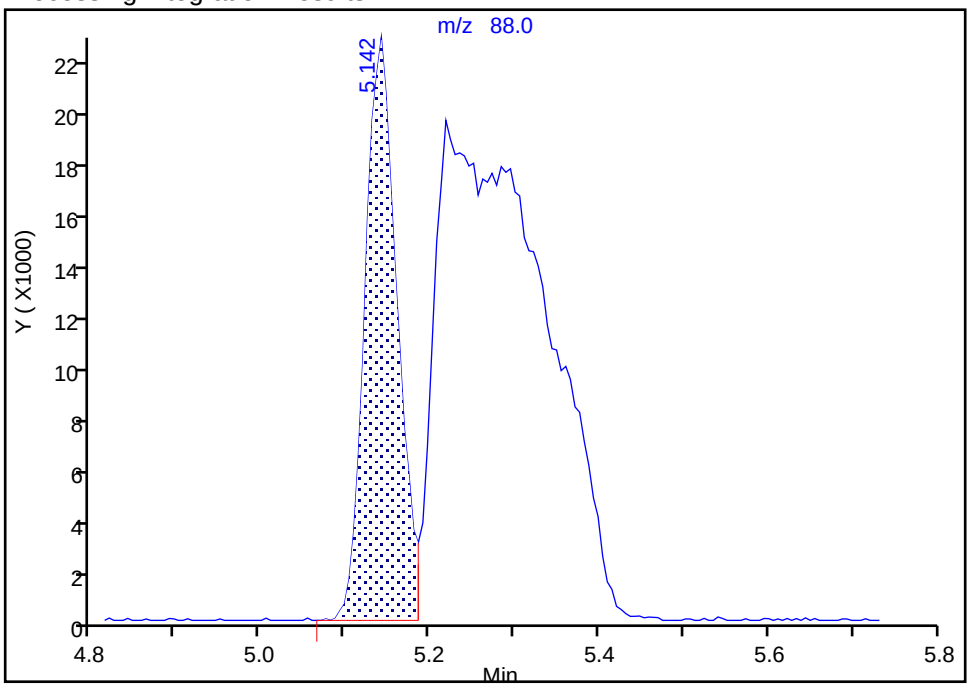
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

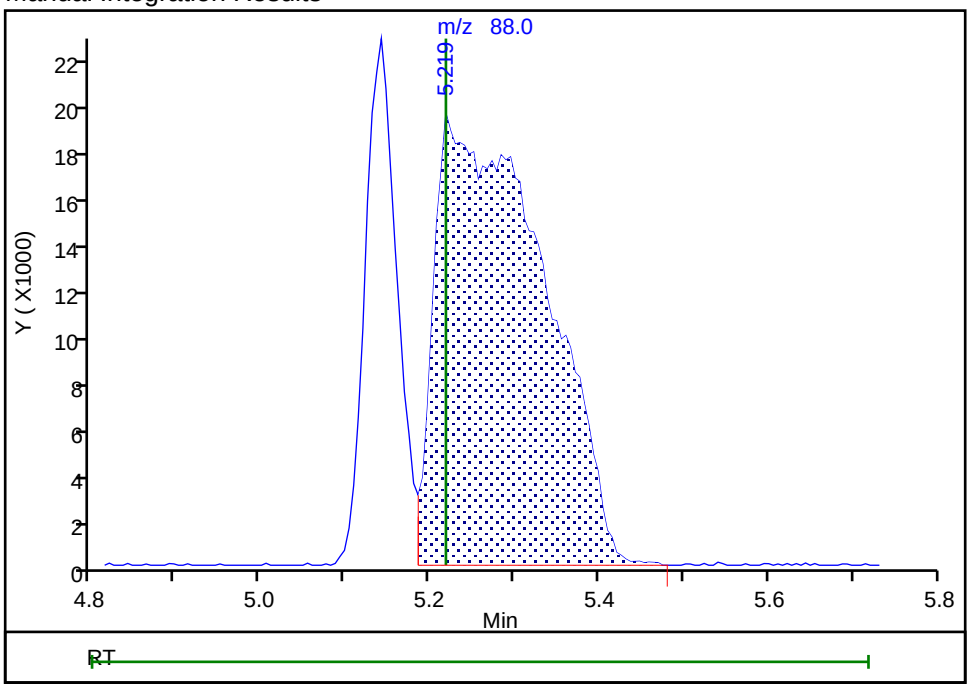
Processing Integration Results

RT: 5.14
Area: 58563
Amount: 1658.4409
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 170156
Amount: 3423.8146
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:30:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

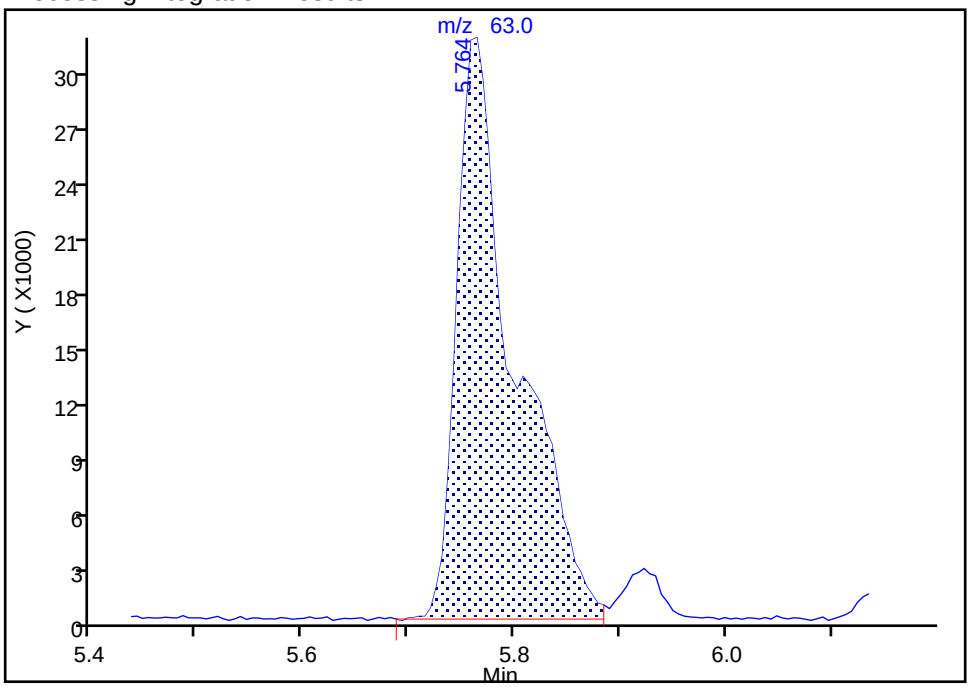
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

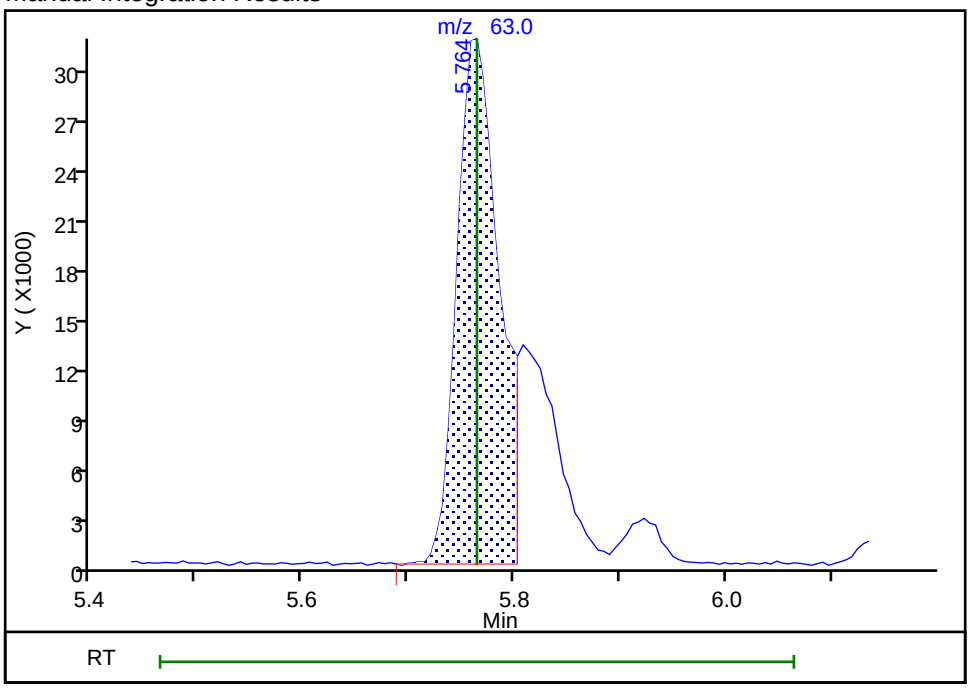
Processing Integration Results

RT: 5.76
Area: 118791
Amount: 208.7661
Amount Units: ug/l



Manual Integration Results

RT: 5.76
Area: 87336
Amount: 201.5733
Amount Units: ug/l



Reviewer: baronm, 27-May-2022 12:02:32
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

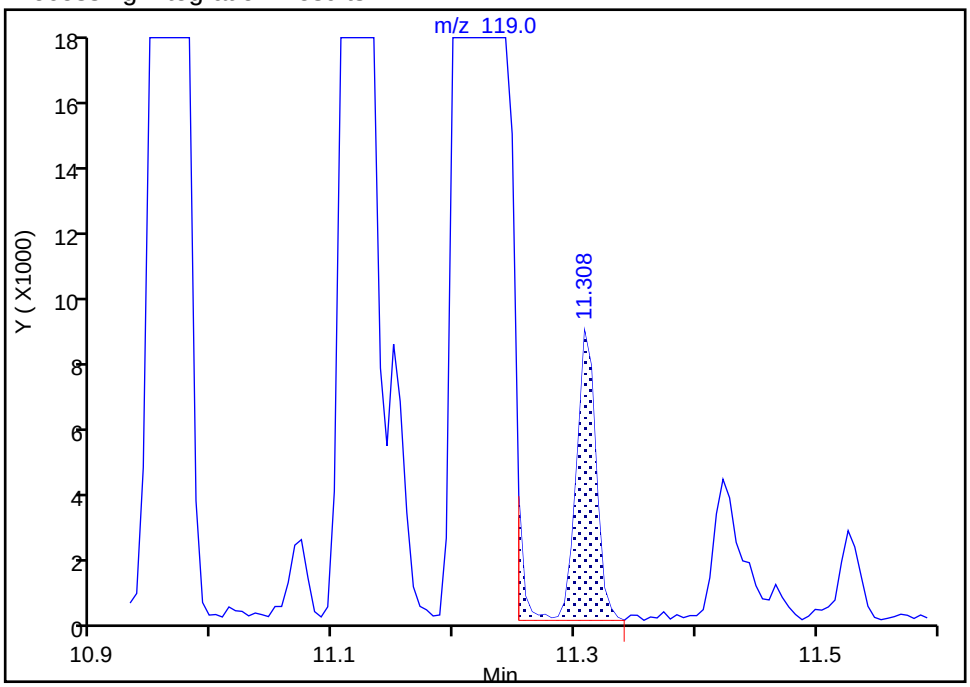
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34454.D
Injection Date: 25-May-2022 13:15:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

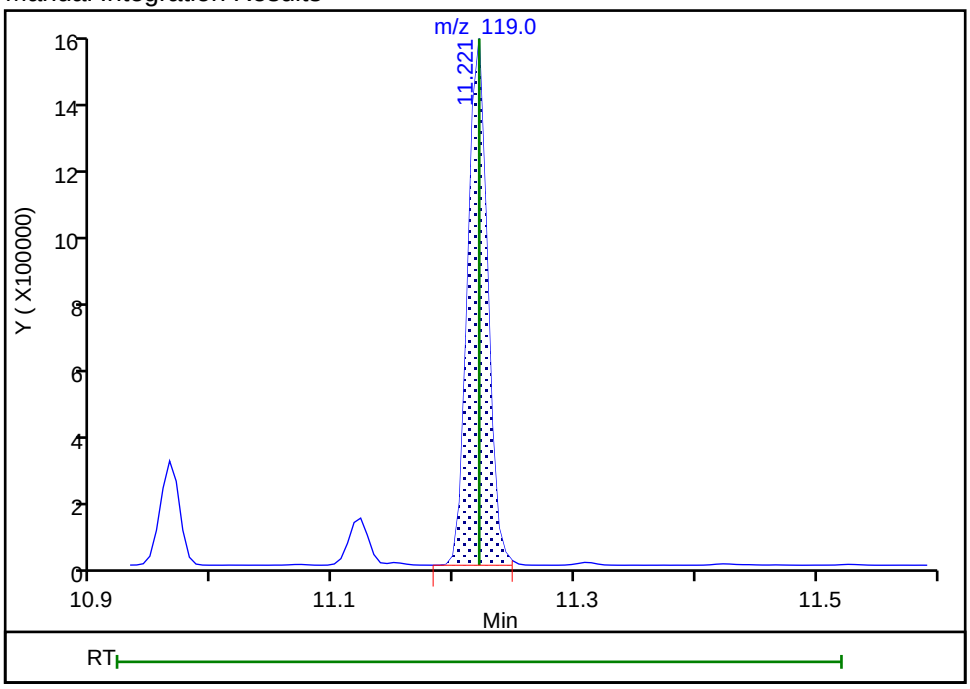
Processing Integration Results

RT: 11.31
Area: 11053
Amount: 2.326931
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 1784240
Amount: 198.3628
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:30:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 27-May-2022 12:11:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 25-May-2022 13:37:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0145738-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-May-2022 12:11:00 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: baronm Date: 26-May-2022 21:09:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.110	1.110	0.000	69	962321	500.0	499.3	
3 1,1-Difluoroethane	65	1.110	1.110	0.000	97	822459	NC	NC	
4 Dichlorodifluoromethane	85	1.137	1.137	0.000	98	3179961	500.0	504.7	
5 Chlorodifluoromethane	67	1.137	1.137	0.000	96	416076	500.0	500.0	a
6 Chloromethane	50	1.257	1.257	0.000	98	2698370	500.0	534.6	
7 Butadiene	54	1.312	1.312	0.000	96	1615631	500.0	412.8	
8 Vinyl chloride	62	1.328	1.328	0.000	98	1984212	500.0	431.2	
9 Bromomethane	94	1.525	1.525	0.000	98	1476257	500.0	385.2	
10 Chloroethane	64	1.552	1.552	0.000	99	883374	500.0	382.3	
11 Dichlorofluoromethane	67	1.694	1.694	0.000	98	2562870	500.0	392.2	
13 Pentane	72	1.732	1.732	0.000	95	361067	1000.0	977.8	
12 Trichlorofluoromethane	101	1.749	1.749	0.000	97	2668979	500.0	394.5	Ma
15 Ethyl ether	59	1.863	1.863	0.000	95	946347	500.0	399.7	
14 Ethanol	46	1.863	1.863	0.000	80	380763	20000	19405	M
16 2-Methyl-1,3-butadiene	53	1.885	1.885	0.000	91	1156221	500.0	418.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.907	1.907	0.000	89	1639684	500.0	474.0	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.950	1.950	0.000	93	2519282	500.0	480.9	a
19 Acrolein	56	1.950	1.950	0.000	86	163924	600.0	884.8	
21 1,1-Dichloroethene	96	2.027	2.027	0.000	97	1546201	500.0	445.1	
22 Acetone	43	2.060	2.060	0.000	87	2994689	2500.0	2495.7	
20 112TCTFE	101	2.065	2.065	0.000	96	1937241	500.0	458.1	
23 Iodomethane	142	2.136	2.136	0.000	99	3580447	500.0	449.2	
24 Isopropyl alcohol	45	2.152	2.152	0.000	96	1422976	5000.0	6962.3	a
25 Carbon disulfide	76	2.185	2.185	0.000	100	5705748	500.0	445.9	
26 3-Chloro-1-propene	39	2.267	2.267	0.000	89	1818286	500.0	407.2	
27 Methyl acetate	43	2.283	2.283	0.000	99	2133350	1000.0	1266.8	
29 Acetonitrile	41	2.327	2.327	0.000	40	1226520	5000.0	5000.3	a
28 Cyclopentene	67	2.332	2.332	0.000	95	3517203	500.0	422.8	
31 Methylene Chloride	84	2.354	2.354	0.000	88	1877878	500.0	440.1	
* 30 TBA-d9 (IS)	65	2.436	2.436	0.000	40	308838	1000.0	1000.0	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.491	2.491	0.000	92	2560840	5000.0	5326.2	a
35 Acrylonitrile	53	2.529	2.529	0.000	94	5242330	5000.0	4537.7	
34 trans-1,2-Dichloroethene	96	2.556	2.556	0.000	93	1633801	500.0	429.7	
33 Methyl tert-butyl ether	73	2.562	2.562	0.000	96	4688278	500.0	451.4	
36 Hexane	43	2.769	2.769	0.000	92	1111939	500.0	497.6	
38 1,1-Dichloroethane	63	2.873	2.873	0.000	100	2695035	500.0	448.6	
39 Vinyl acetate	86	2.916	2.916	0.000	99	560309	1000.0	1008.0	
37 Isopropyl ether	45	2.949	2.949	0.000	84	4598796	500.0	433.3	
40 2-Chloro-1,3-butadiene	88	2.949	2.949	0.000	92	1465434	500.0	437.1	
41 Tert-butyl ethyl ether	87	3.244	3.244	0.000	89	2213938	500.0	453.0	
* 42 2-Butanone-d5	46	3.325	3.325	0.000	93	260108	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.353	3.353	0.000	99	1926152	500.0	441.2	
43 2,2-Dichloropropane	79	3.380	3.380	0.000	94	912211	500.0	428.3	
46 2-Butanone (MEK)	72	3.375	3.375	0.000	100	1041657	2500.0	2457.2	
48 Propionitrile	54	3.424	3.424	0.000	95	2285076	5000.0	5890.9	a
45 Ethyl acetate	70	3.435	3.435	0.000	99	324608	1000.0	998.0	
47 Methyl acrylate	55	3.462	3.462	0.000	100	1621879	500.0	489.8	a
51 Methacrylonitrile	67	3.560	3.560	0.000	89	5894205	5000.0	4577.4	
50 Chlorobromomethane	128	3.565	3.565	0.000	76	1062956	500.0	434.1	
49 Tetrahydrofuran	72	3.615	3.615	0.000	76	471296	1000.0	903.2	
52 Chloroform	83	3.636	3.636	0.000	99	3066249	500.0	447.8	
$ 55 Dibromofluoromethane (Surr)	113	3.778	3.778	0.000	97	172427	50.0	48.8	
54 1,1,1-Trichloroethane	97	3.822	3.822	0.000	98	3004564	500.0	454.8	
53 Cyclohexane	84	3.882	3.882	0.000	90	2643339	500.0	452.0	
57 1,1-Dichloropropene	75	3.964	3.964	0.000	96	2093991	500.0	448.2	
56 Carbon tetrachloride	117	3.975	3.975	0.000	98	2612345	500.0	448.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.095	4.095	0.000	0	164140	50.0	51.0	
58 Isobutyl alcohol	74	4.160	4.160	0.000	97	611292	12500	14169	a
60 Benzene	78	4.160	4.160	0.000	96	6349894	500.0	430.7	
64 1,2-Dichloroethane	62	4.171	4.171	0.000	98	2197627	500.0	464.4	
62 Isopropyl acetate	61	4.258	4.269	-0.011	96	573898	500.0	459.1	a
59 Isooctane	57	4.275	4.275	0.000	94	6666623	500.0	516.2	
63 Tert-amyl methyl ether	73	4.297	4.297	0.000	92	5393475	500.0	469.5	
* 66 Fluorobenzene	96	4.439	4.439	0.000	99	540028	50.0	50.0	a
65 n-Heptane	43	4.455	4.455	0.000	89	2042680	500.0	406.6	
68 n-Butanol	56	4.793	4.793	0.000	87	1453296	12500	12500	
69 Trichloroethene	95	4.826	4.826	0.000	98	1777017	500.0	476.8	
70 Ethyl acrylate	55	4.968	4.968	0.000	98	1678184	500.0	479.3	a
71 Methylcyclohexane	83	5.050	5.050	0.000	94	3163016	500.0	449.2	
72 1,2-Dichloropropane	63	5.066	5.066	0.000	88	1590572	500.0	459.7	
* 73 1,4-Dioxane-d8	96	5.186	5.186	0.000	27	36552	1000.0	1000.0	
77 Dibromomethane	93	5.186	5.186	0.000	95	1179831	500.0	499.9	
75 1,4-Dioxane	88	5.230	5.230	0.000	36	394052	10000	7261.9	a
74 Methyl methacrylate	69	5.230	5.230	0.000	84	2027084	1000.0	991.4	
76 n-Propyl acetate	43	5.312	5.312	0.000	98	1832582	500.0	489.8	
78 Dichlorobromomethane	83	5.382	5.382	0.000	99	2429721	500.0	491.6	
79 2-Nitropropane	41	5.655	5.655	0.000	99	789755	1000.0	1000.1	
67 2-Chloroethyl vinyl ether	63	5.764	5.764	0.000	94	284626	501.2	640.1	
80 Epichlorohydrin	57	5.819	5.819	0.000	99	3019268	10000	9620.7	
81 cis-1,3-Dichloropropene	75	5.928	5.928	0.000	93	2691698	500.0	475.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.152	6.152	0.000	95	7143432	2500.0	2157.4	
$ 83 Toluene-d8 (Surr)	98	6.261	6.261	0.000	99	626161	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.348	6.348	0.000	93	7078684	500.0	448.9	
85 trans-1,3-Dichloropropene	75	6.648	6.648	0.000	97	2368917	500.0	480.4	
86 Ethyl methacrylate	69	6.828	6.828	0.000	87	1984550	500.0	445.8	
87 1,1,2-Trichloroethane	83	6.883	6.883	0.000	95	1227789	500.0	485.3	
88 Tetrachloroethene	166	7.068	7.068	0.000	97	1910515	500.0	455.8	
89 1,3-Dichloropropane	76	7.101	7.101	0.000	92	2258502	500.0	479.3	
90 2-Hexanone	43	7.270	7.270	0.000	97	4548730	2500.0	2337.0	
92 Chlorodibromomethane	129	7.407	7.407	0.000	97	1982281	500.0	479.6	
91 n-Butyl acetate	43	7.494	7.494	0.000	98	1961265	500.0	421.4	
93 Ethylene Dibromide	107	7.538	7.538	0.000	99	1613601	500.0	468.3	
* 94 Chlorobenzene-d5	117	8.236	8.236	0.000	82	443042	50.0	50.0	
95 Chlorobenzene	112	8.280	8.280	0.000	96	4837543	500.0	470.6	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	2222336	500.0	449.1	
96 Ethylbenzene	106	8.482	8.482	0.000	98	2596002	500.0	438.2	
98 m-Xylene & p-Xylene	106	8.662	8.662	0.000	0	3197772	500.0	425.9	
100 o-Xylene	106	9.180	9.180	0.000	94	3391619	500.0	431.8	
101 Styrene	104	9.196	9.196	0.000	94	5192447	500.0	439.0	
99 n-Butyl acrylate	73	9.218	9.218	0.000	97	1157573	500.0	500.2	
103 Bromoform	173	9.377	9.377	0.000	96	1379041	500.0	480.5	
102 Amyl acetate (mixed isomers)	43	9.507	9.507	0.000	91	2226764	500.0	486.9	
104 Isopropylbenzene	105	9.628	9.628	0.000	96	8913633	500.0	433.7	
$ 105 4-Bromofluorobenzene	174	9.769	9.769	0.000	96	203722	50.0	48.2	
106 Bromobenzene	156	9.906	9.906	0.000	91	2269691	500.0	488.1	
107 1,1,2,2-Tetrachloroethane	83	9.955	9.955	0.000	97	2184801	500.0	489.8	
109 1,2,3-Trichloropropane	110	9.977	9.977	0.000	95	605431	500.0	477.5	
110 trans-1,4-Dichloro-2-butene	53	10.015	10.015	0.000	96	478264	500.0	486.9	
108 N-Propylbenzene	91	10.069	10.069	0.000	99	9357462	500.0	456.1	
111 2-Chlorotoluene	91	10.124	10.124	0.000	97	5904428	500.0	482.0	
112 4-Ethyltoluene	105	10.184	10.184	0.000	98	8089371	500.0	462.7	
114 4-Chlorotoluene	91	10.233	10.233	0.000	98	6491399	500.0	490.1	
113 1,3,5-Trimethylbenzene	105	10.255	10.255	0.000	93	7690058	500.0	476.3	
115 Butyl Methacrylate	87	10.391	10.391	0.000	89	2293469	500.0	499.9	
116 tert-Butylbenzene	119	10.555	10.555	0.000	93	6575097	500.0	519.4	
117 1,2,4-Trimethylbenzene	105	10.599	10.599	0.000	98	7803982	500.0	447.6	
118 sec-Butylbenzene	105	10.757	10.757	0.000	98	9756873	500.0	476.3	
120 1,3-Dichlorobenzene	146	10.822	10.822	0.000	96	4095900	500.0	467.7	
* 121 1,4-Dichlorobenzene-d4	152	10.882	10.882	0.000	93	238409	50.0	50.0	
119 4-Isopropyltoluene	119	10.893	10.893	0.000	98	8031316	500.0	446.9	
122 1,4-Dichlorobenzene	146	10.904	10.904	0.000	94	3714739	500.0	430.8	
123 1,2,3-Trimethylbenzene	105	10.970	10.970	0.000	98	8486777	500.0	469.7	
124 Benzyl chloride	91	11.030	11.030	0.000	99	4105316	500.0	498.3	
125 2,3-Dihydroindene	117	11.123	11.123	0.000	94	7634296	500.0	460.1	
128 1,2-Dichlorobenzene	146	11.215	11.215	0.000	96	3922356	500.0	430.6	
126 p-Diethylbenzene	119	11.221	11.221	0.000	94	4068245	500.0	431.5	a
127 n-Butylbenzene	92	11.243	11.243	0.000	98	4034918	500.0	441.5	
129 1,2,4,5-Tetramethylbenzene	119	11.837	11.837	0.000	97	8217072	500.0	441.1	
130 1,2-Dibromo-3-Chloropropane	157	11.843	11.843	0.000	67	558446	500.0	429.0	
131 1,3,5-Trichlorobenzene	180	12.012	12.012	0.000	98	3420751	500.0	435.2	
132 1,2,4-Trichlorobenzene	180	12.465	12.465	0.000	95	3234609	500.0	432.4	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	93	1593047	500.0	494.8	
134 Naphthalene	128	12.634	12.634	0.000	99	7806567	500.0	417.2	
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	96	3127944	500.0	418.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1000.0	870.9	
S 137 Xylenes, Total	100				0		1000.0	857.7	
S 139 Total BTEX	1				0		2500.0	2175.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00415	Amount Added:	5.00	Units: uL		
MIX I Hi_00150	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00123	Amount Added:	5.00	Units: uL		
Ethanol mix_00064	Amount Added:	5.00	Units: uL		
8FreonHi_00045	Amount Added:	5.00	Units: uL		
ACROLEIN W_00140	Amount Added:	6.00	Units: uL		
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-May-2022 12:11:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9 Operator ID:

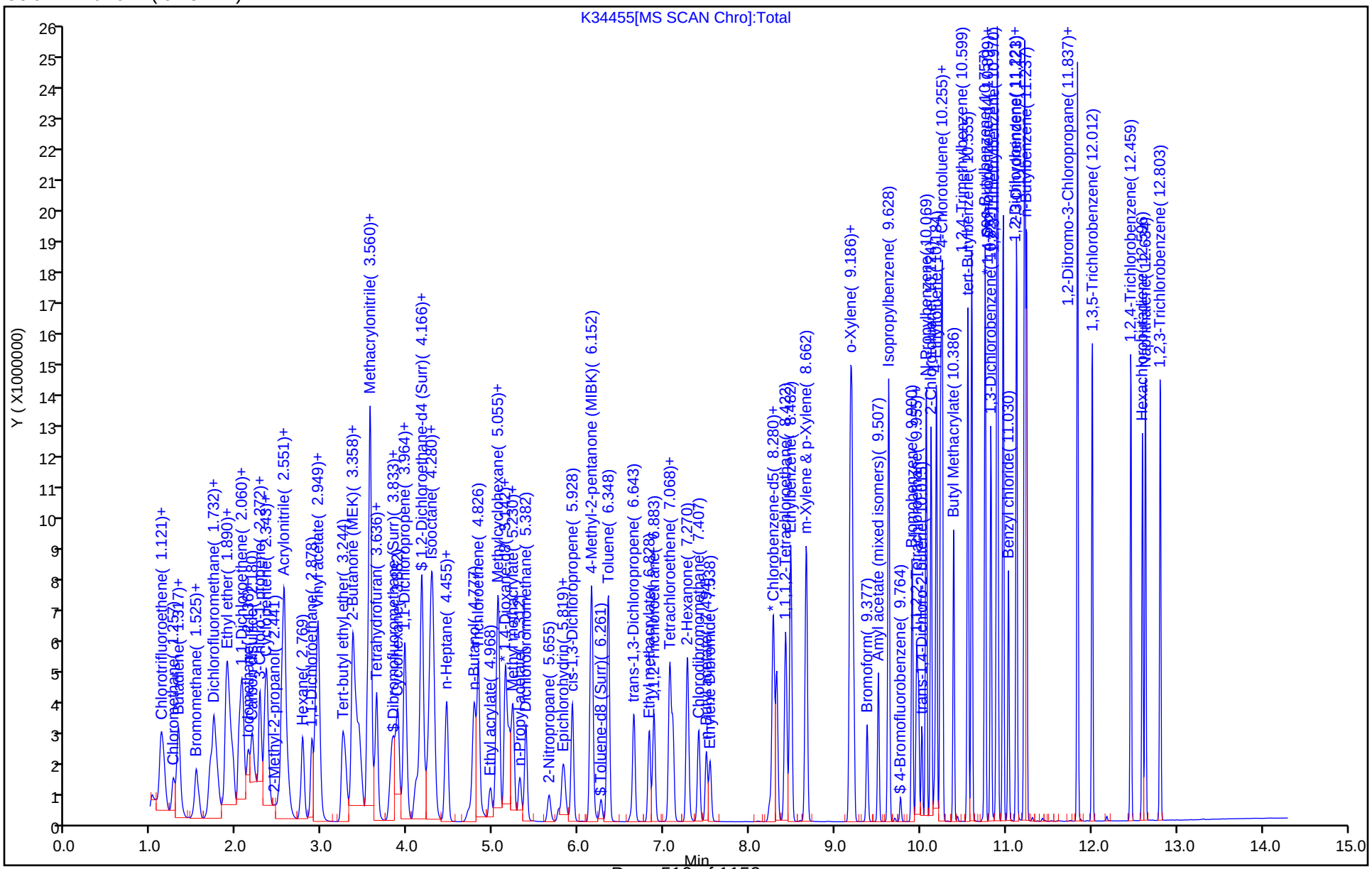
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

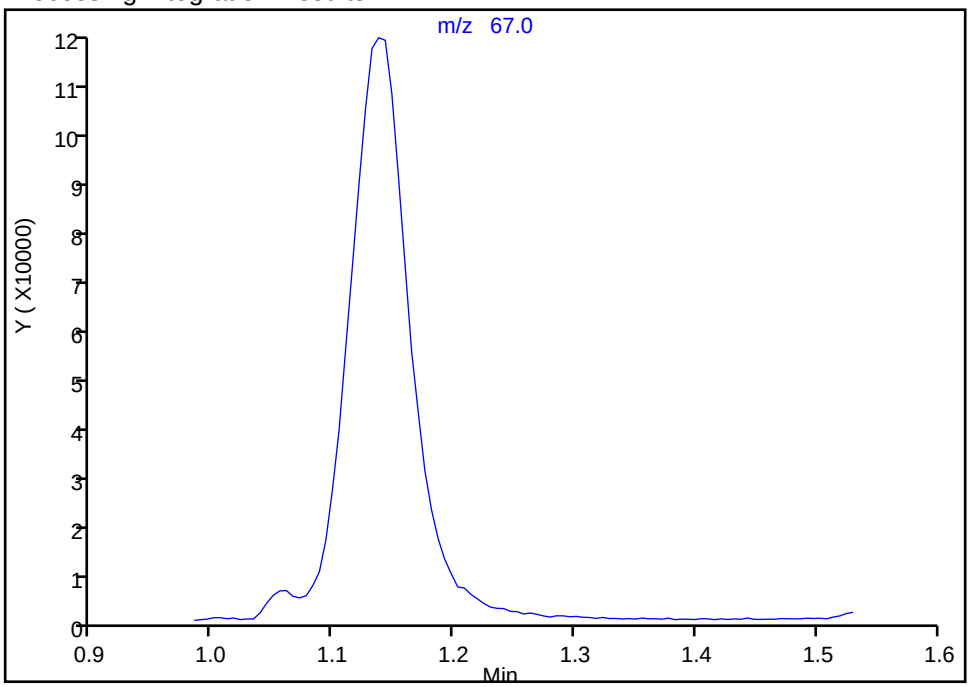
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Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

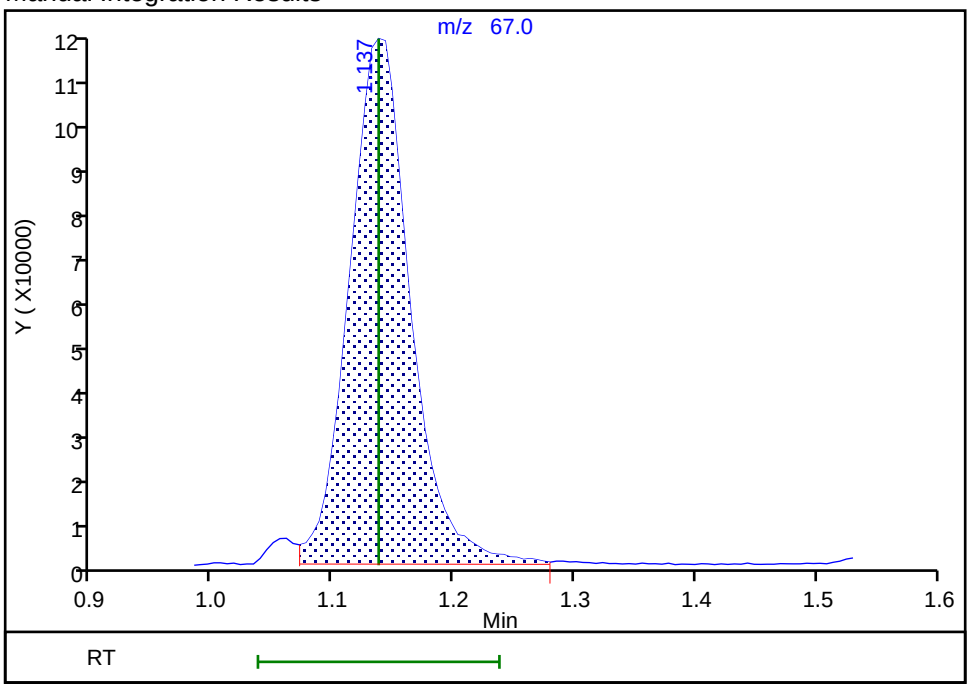
Not Detected
Expected RT: 1.14

Processing Integration Results



Manual Integration Results

RT: 1.14
Area: 416076
Amount: 499.9812
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:31:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

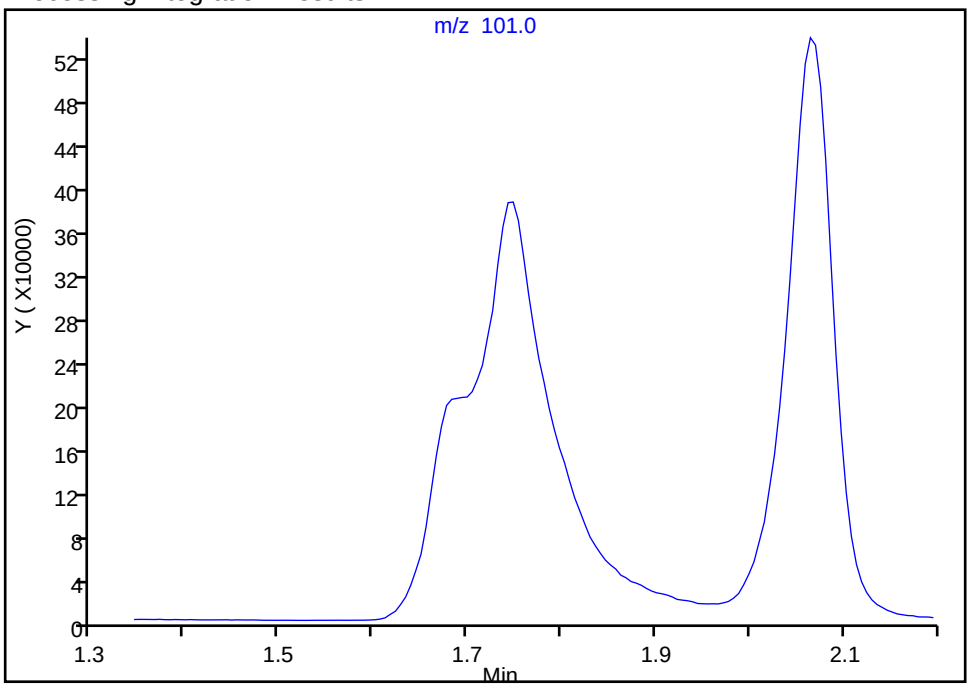
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Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

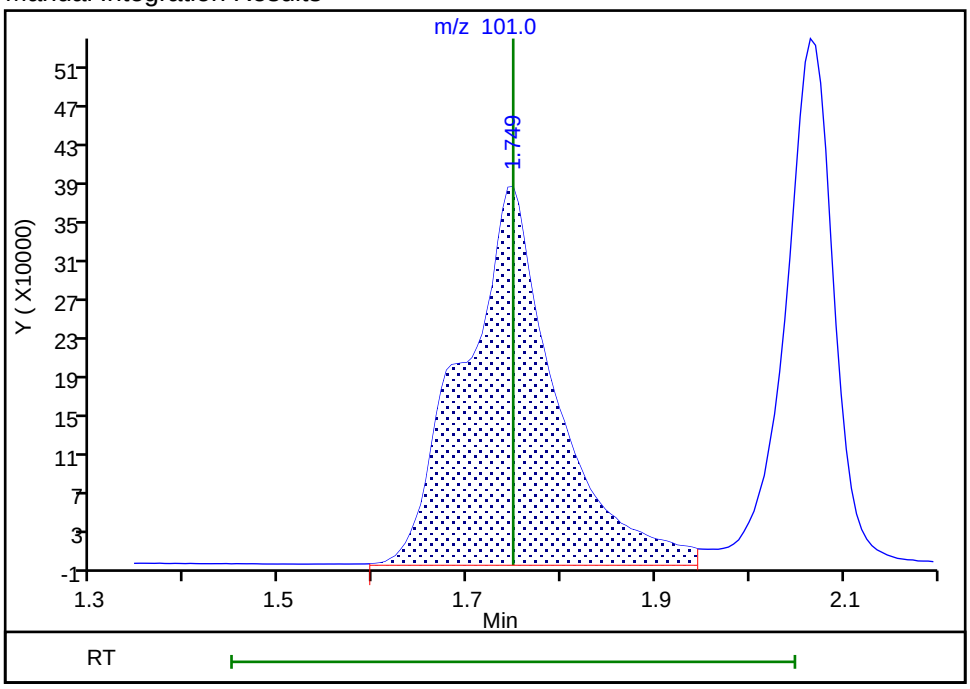
Not Detected
Expected RT: 1.75

Processing Integration Results



Manual Integration Results

RT: 1.75
Area: 2668979
Amount: 394.4640
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:32:03
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

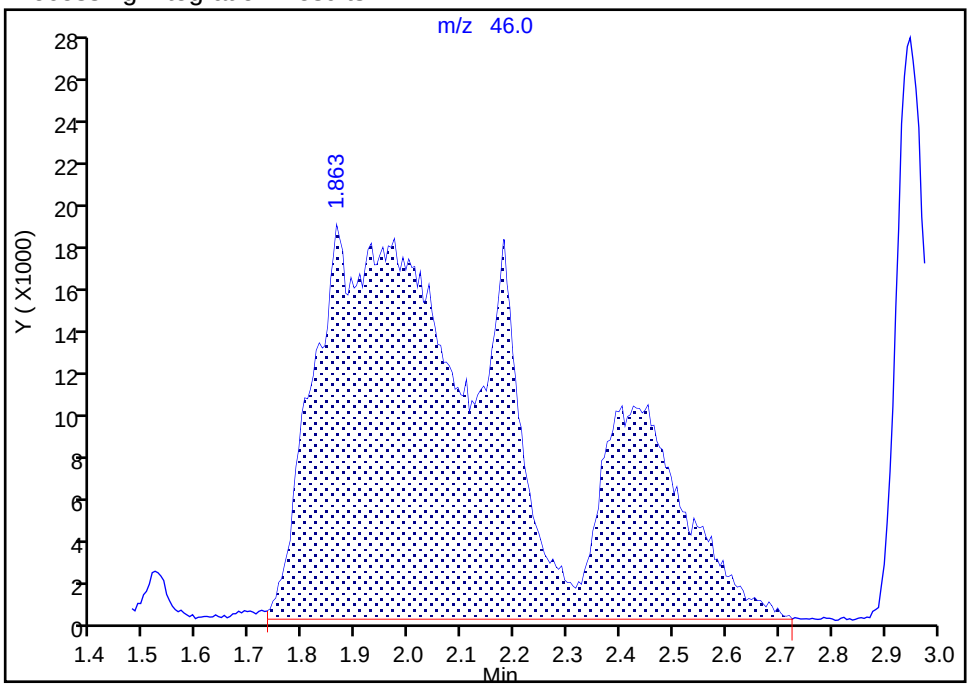
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Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

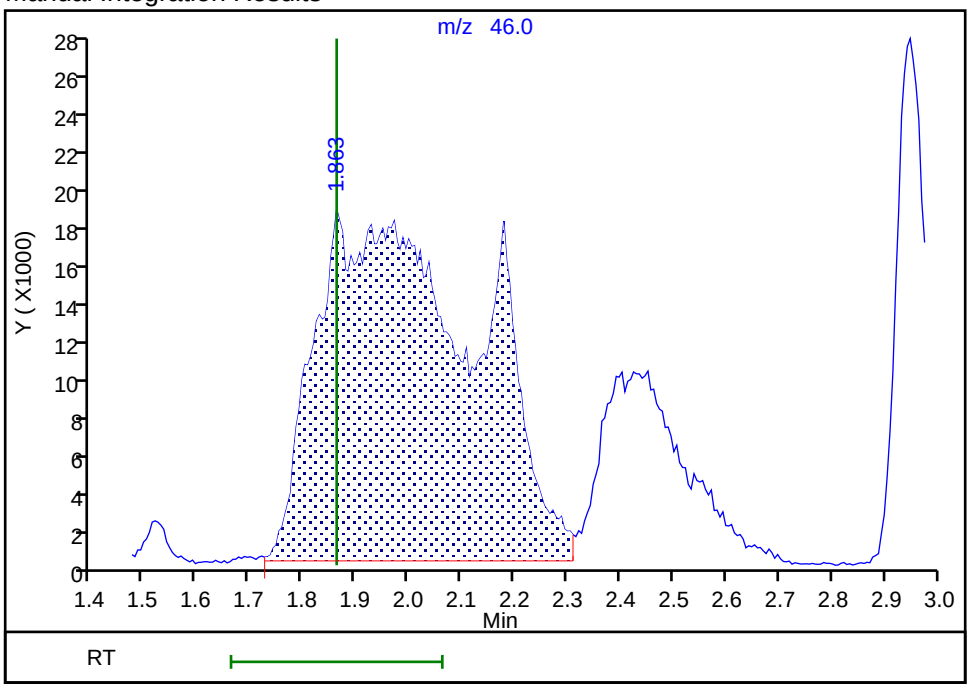
Processing Integration Results

RT: 1.86
Area: 499409
Amount: 24541
Amount Units: ug/l



Manual Integration Results

RT: 1.86
Area: 380763
Amount: 19405
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:37:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

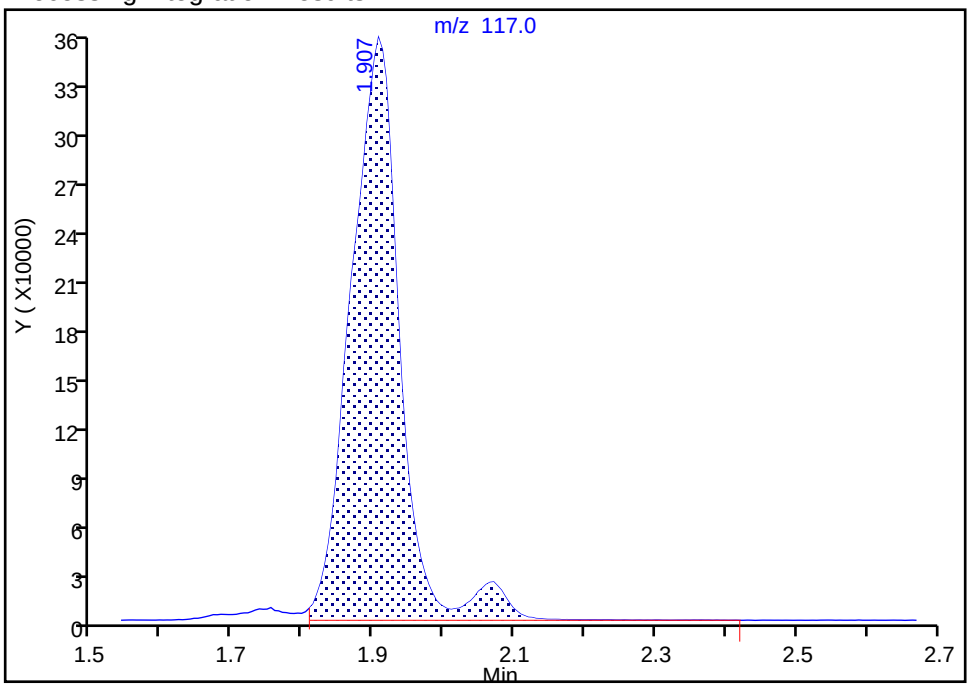
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Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

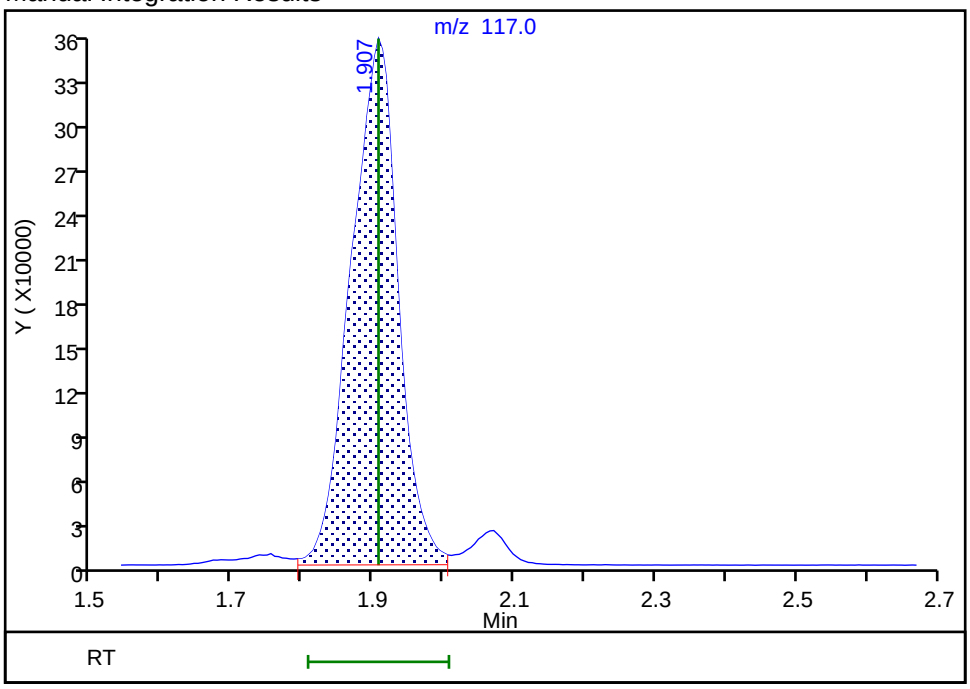
Processing Integration Results

RT: 1.91
Area: 1725600
Amount: 490.4980
Amount Units: ug/l



Manual Integration Results

RT: 1.91
Area: 1639684
Amount: 473.9751
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 20:37:47
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

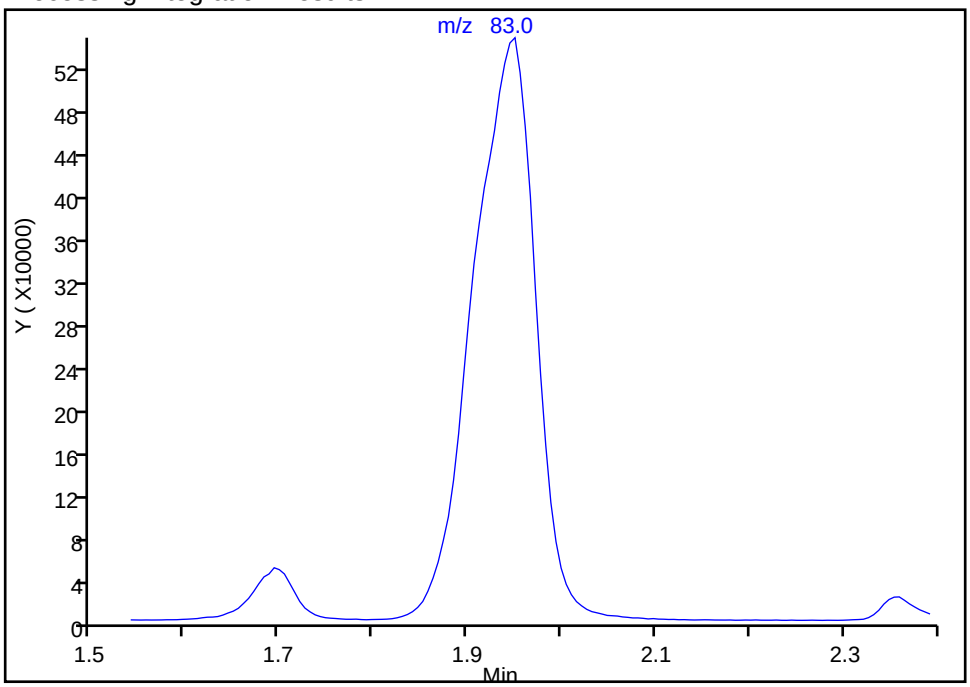
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

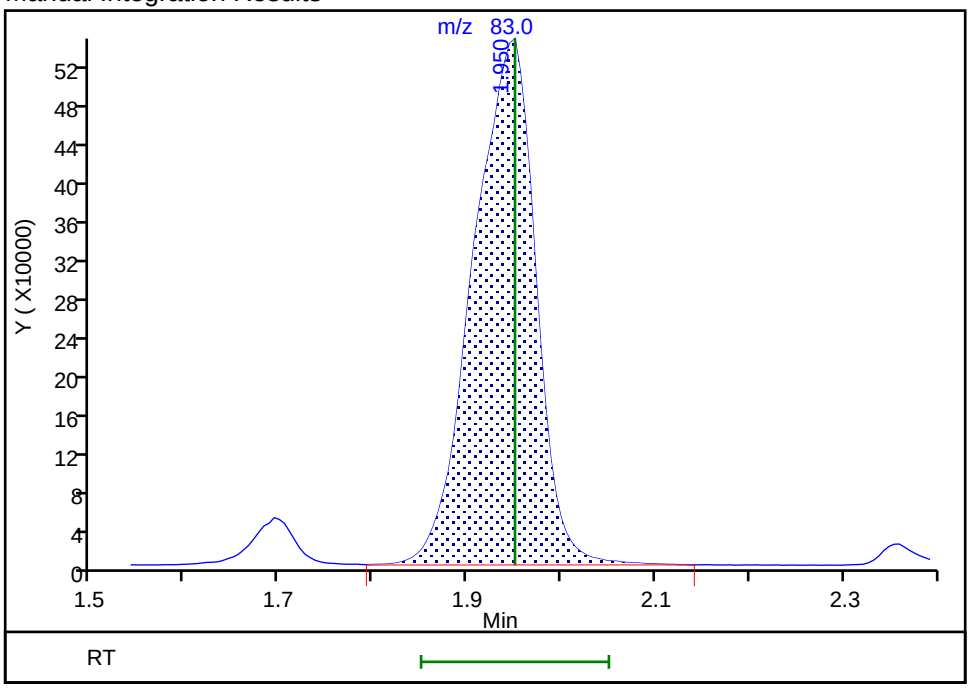
Not Detected
Expected RT: 1.95

Processing Integration Results



Manual Integration Results

RT: 1.95
Area: 2519282
Amount: 480.8687
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:33:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

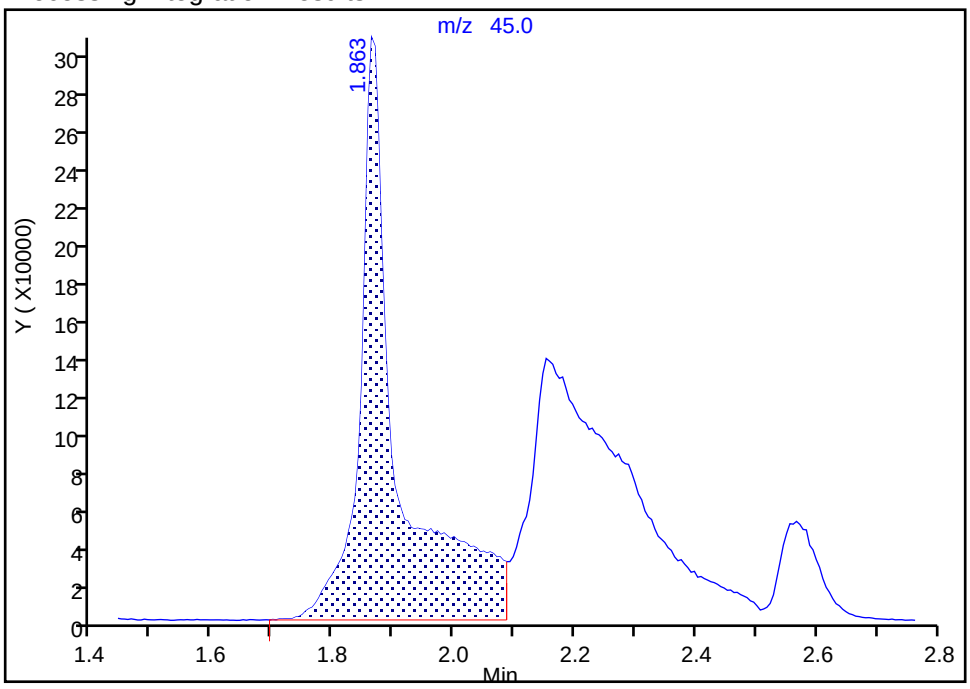
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

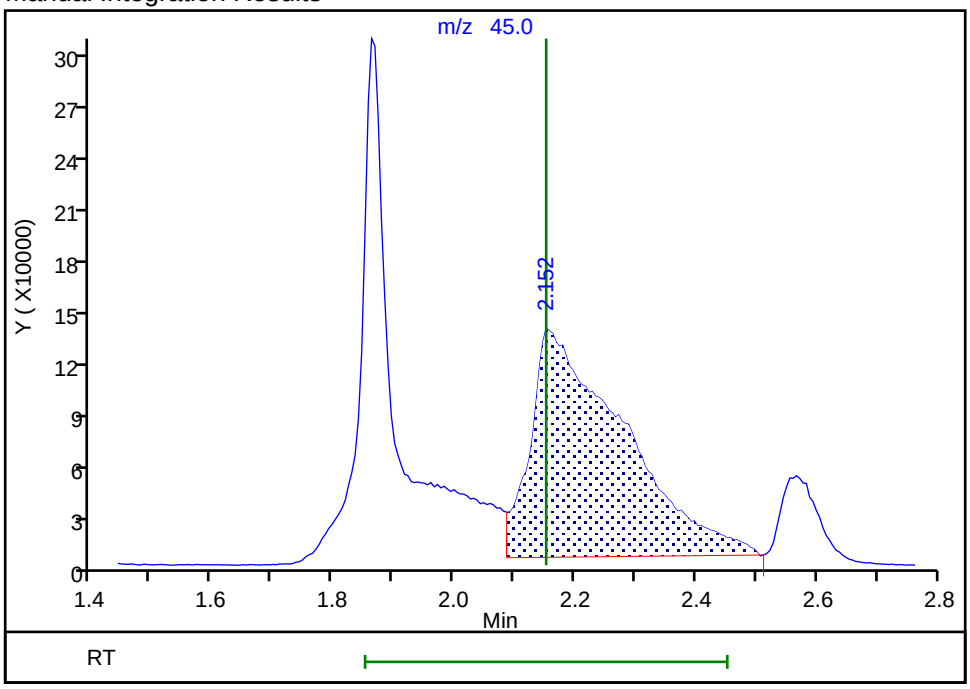
Processing Integration Results

RT: 1.86
Area: 1326543
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.15
Area: 1422976
Amount: 6962.3412
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:33:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

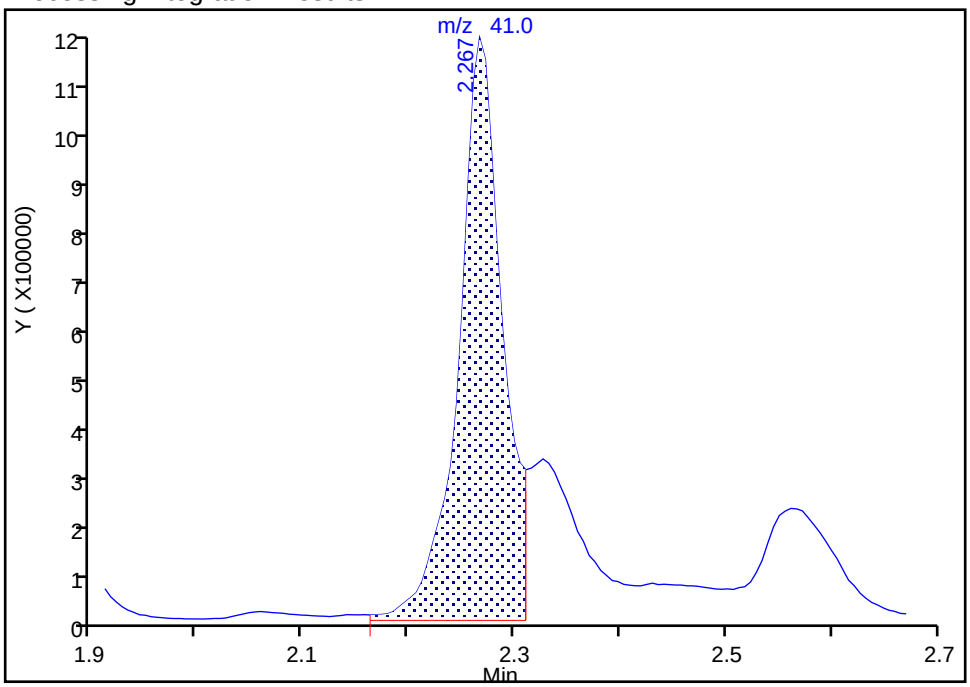
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

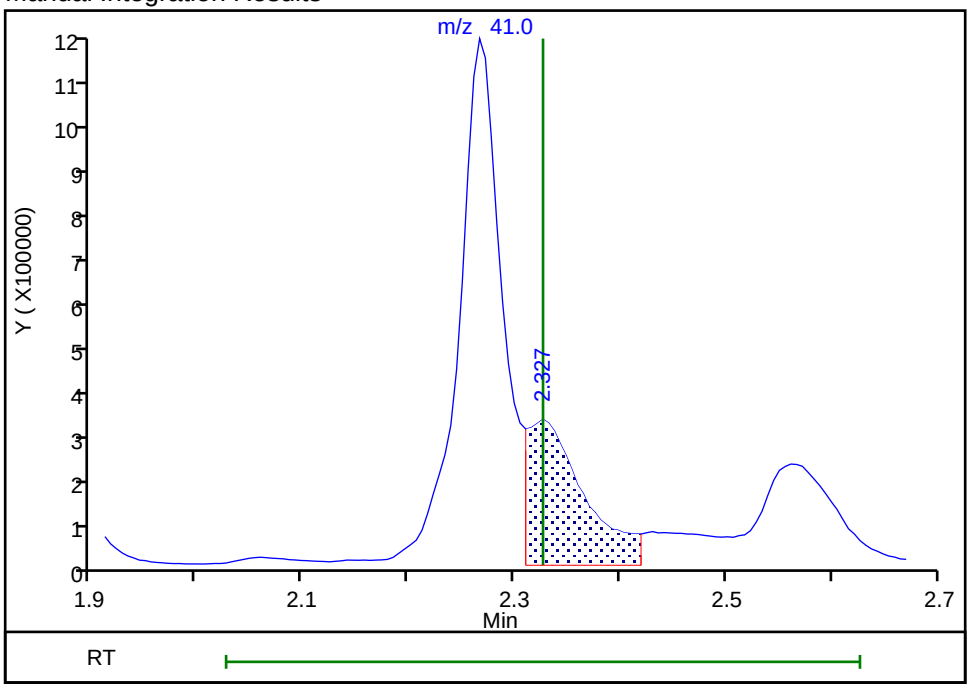
Processing Integration Results

RT: 2.27
Area: 3348895
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 1226520
Amount: 5000.2687
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:33:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

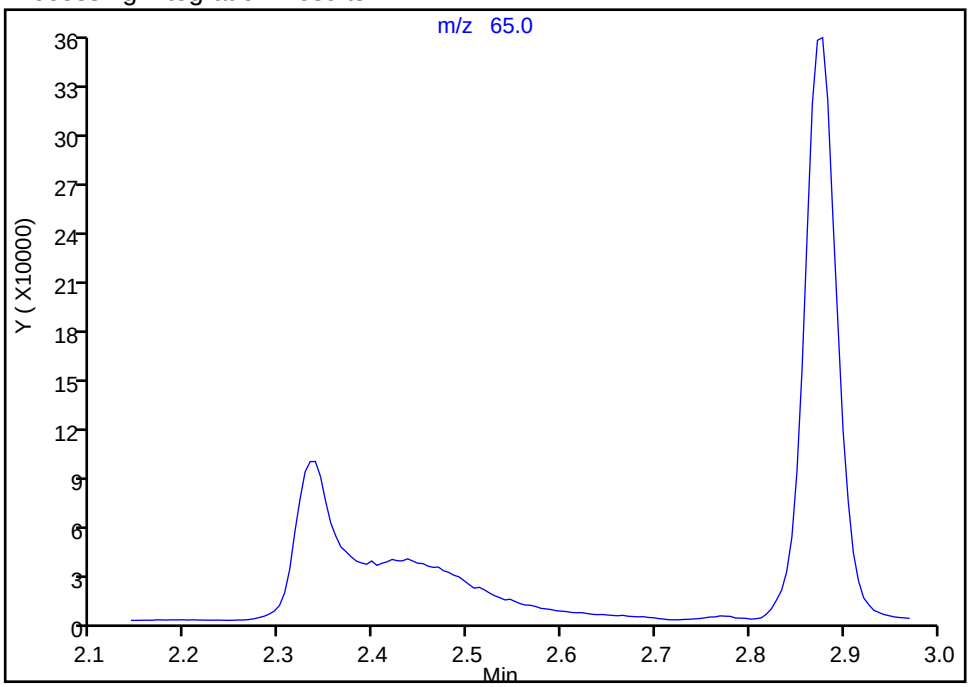
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

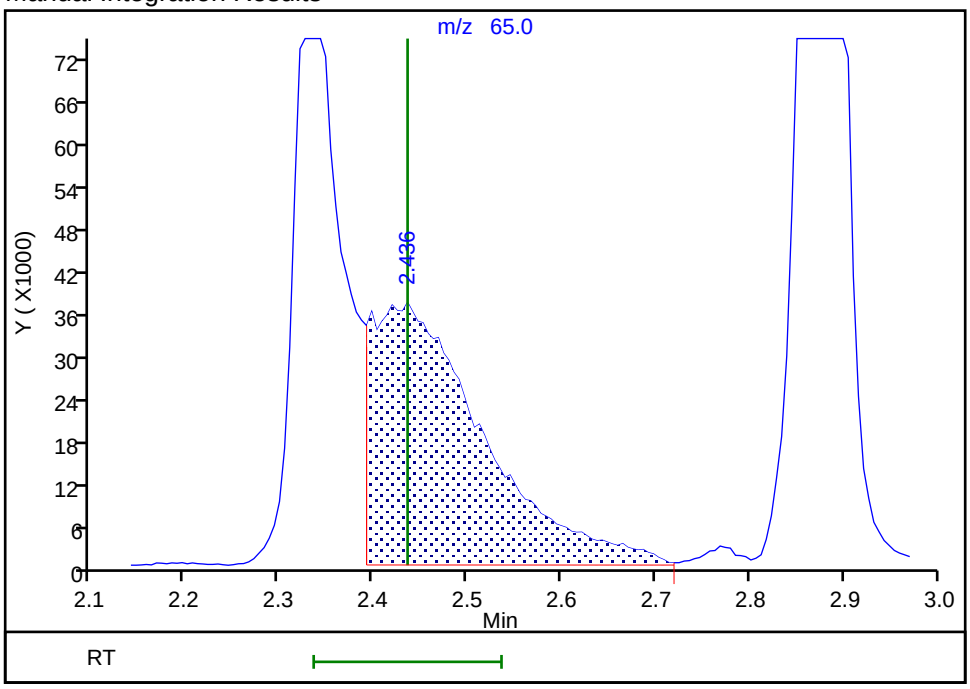
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 308838
Amount: 1000.0000
Amount Units: ug/l



Reviewer: baronm, 25-May-2022 15:13:54
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

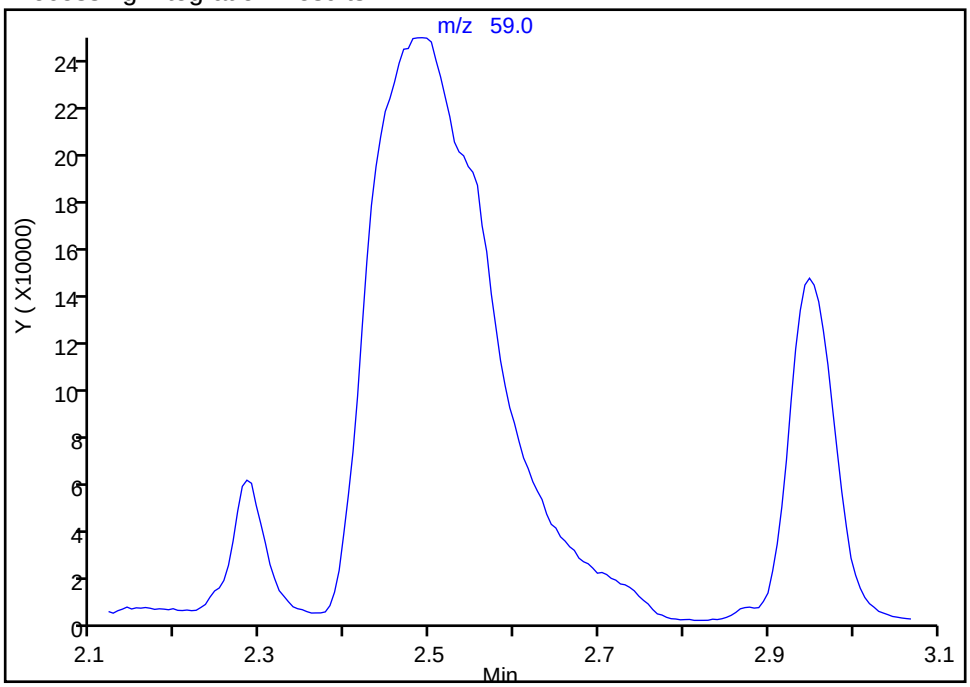
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

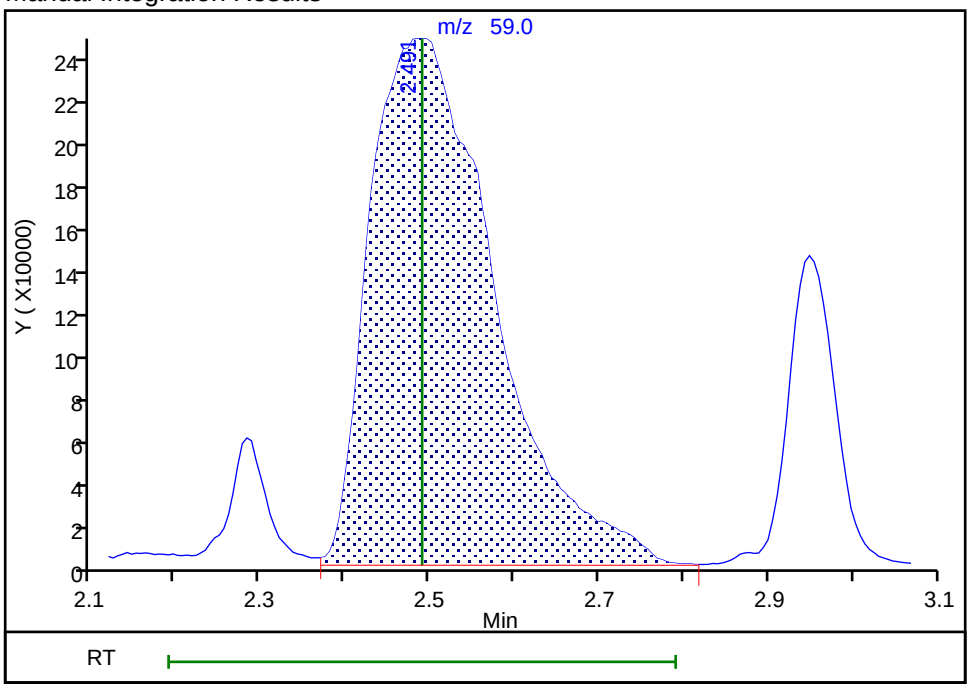
Not Detected
Expected RT: 2.49

Processing Integration Results



Manual Integration Results

RT: 2.49
Area: 2560840
Amount: 5326.2134
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:33:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

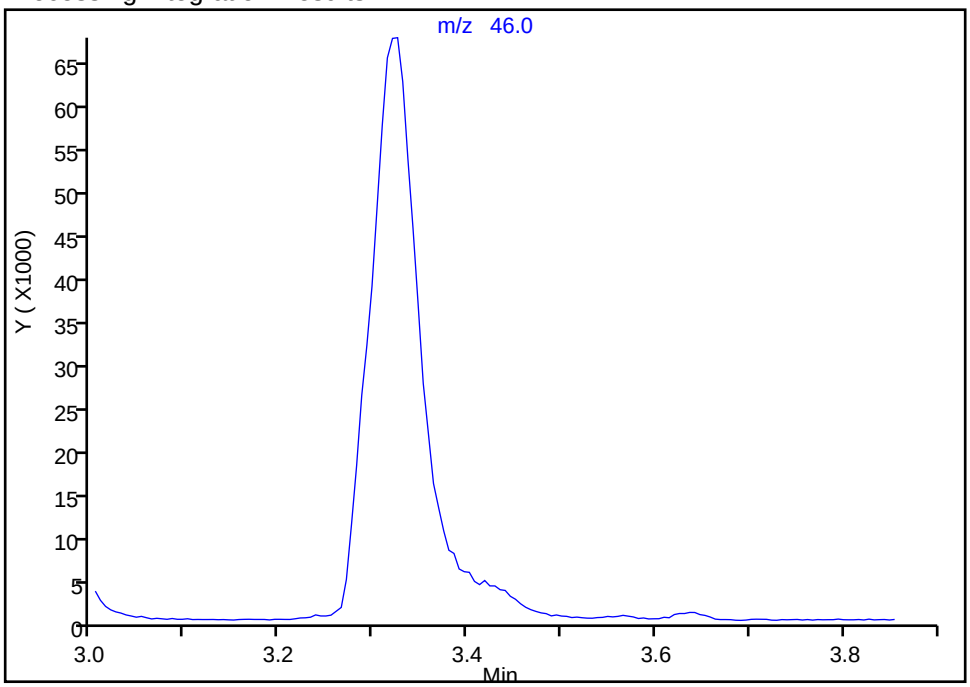
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

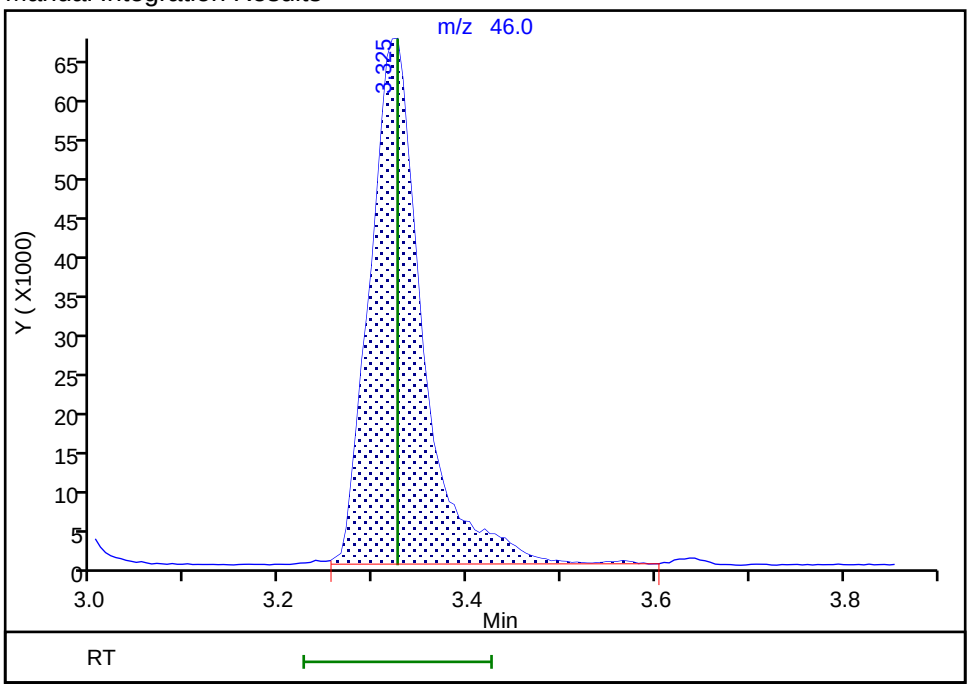
Not Detected
Expected RT: 3.33

Processing Integration Results



Manual Integration Results

RT: 3.33
Area: 260108
Amount: 250.0000
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:34:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

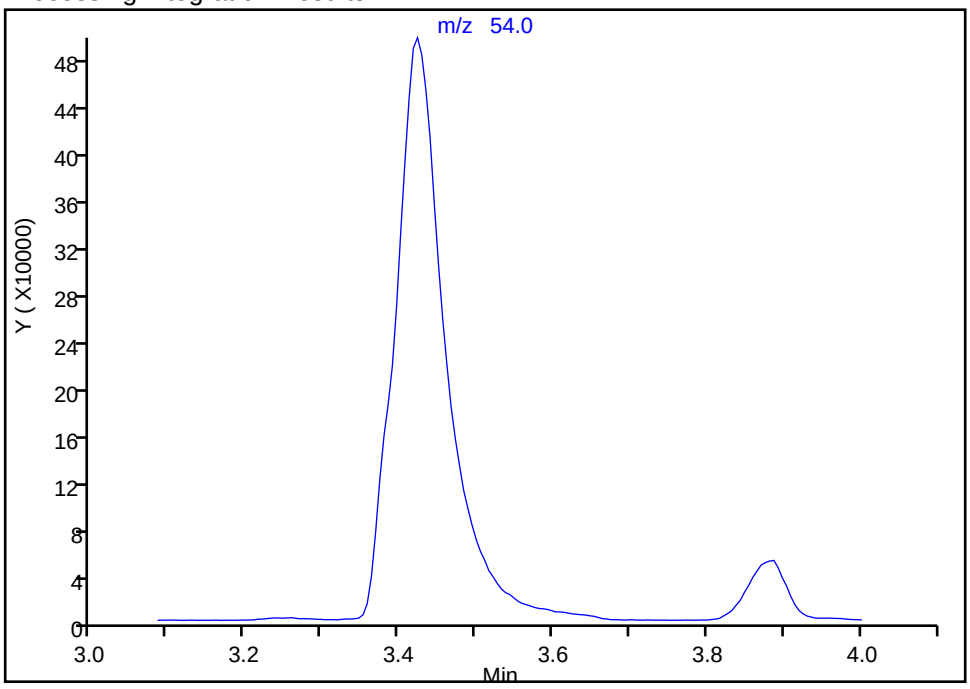
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

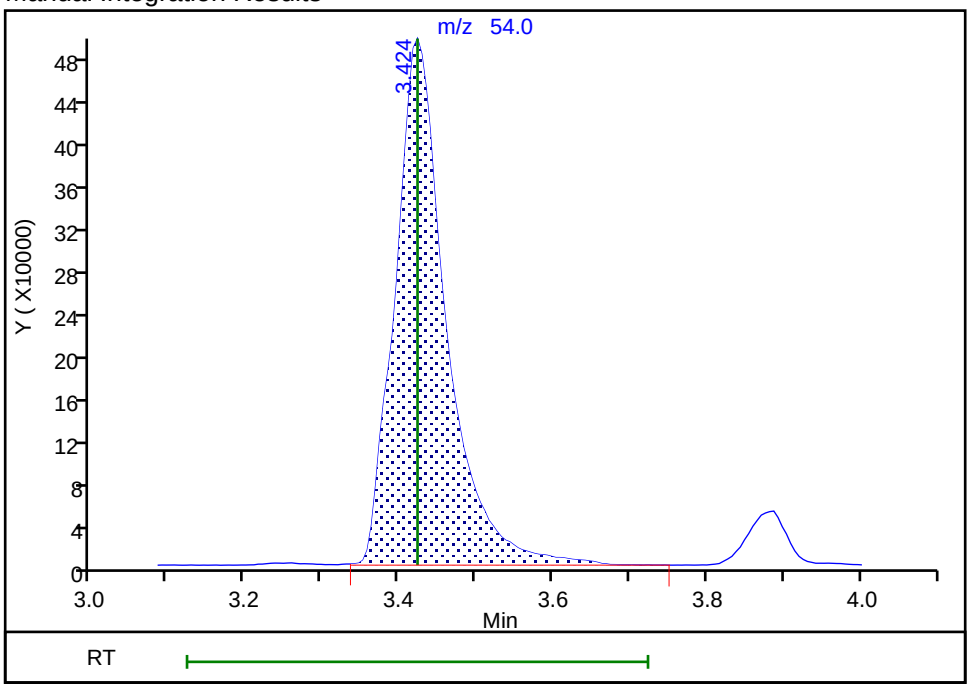
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 2285076
Amount: 5890.9267
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:34:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

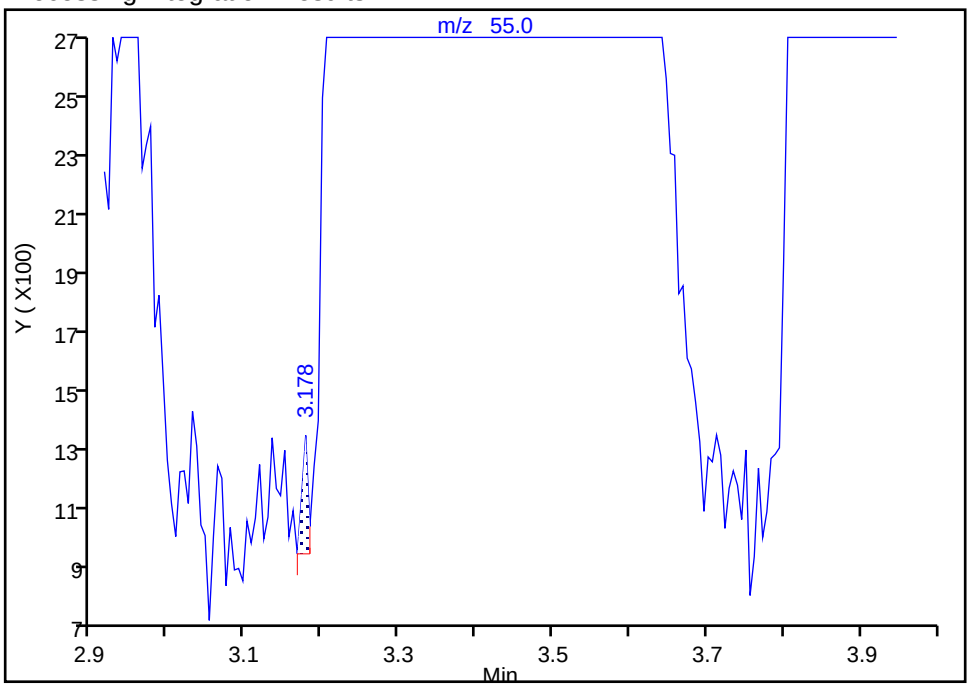
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

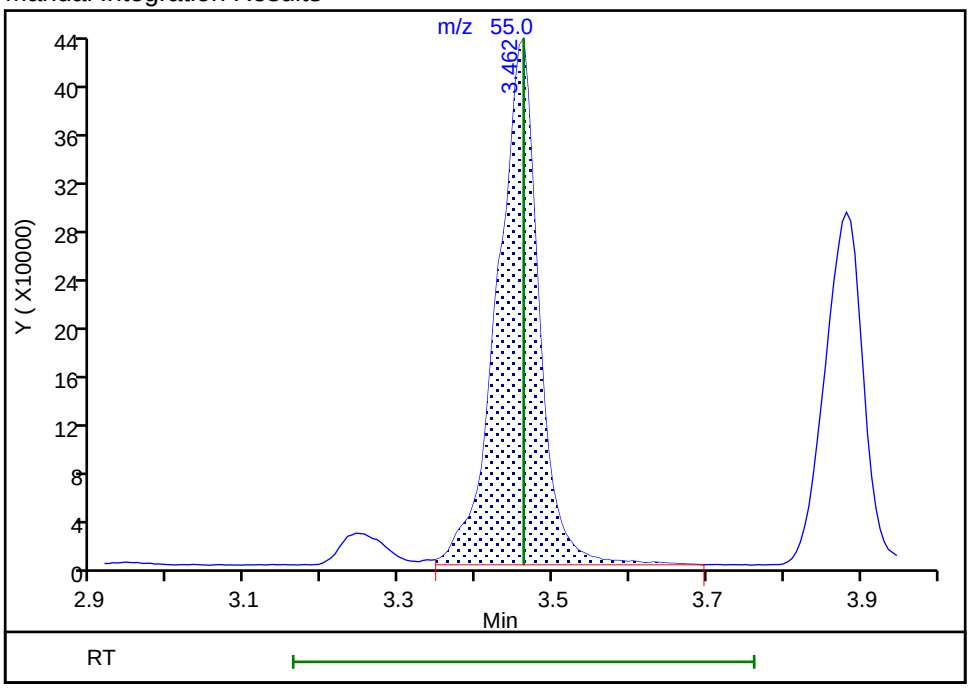
Processing Integration Results

RT: 3.18
Area: 219
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 3.46
Area: 1621879
Amount: 489.7937
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:34:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

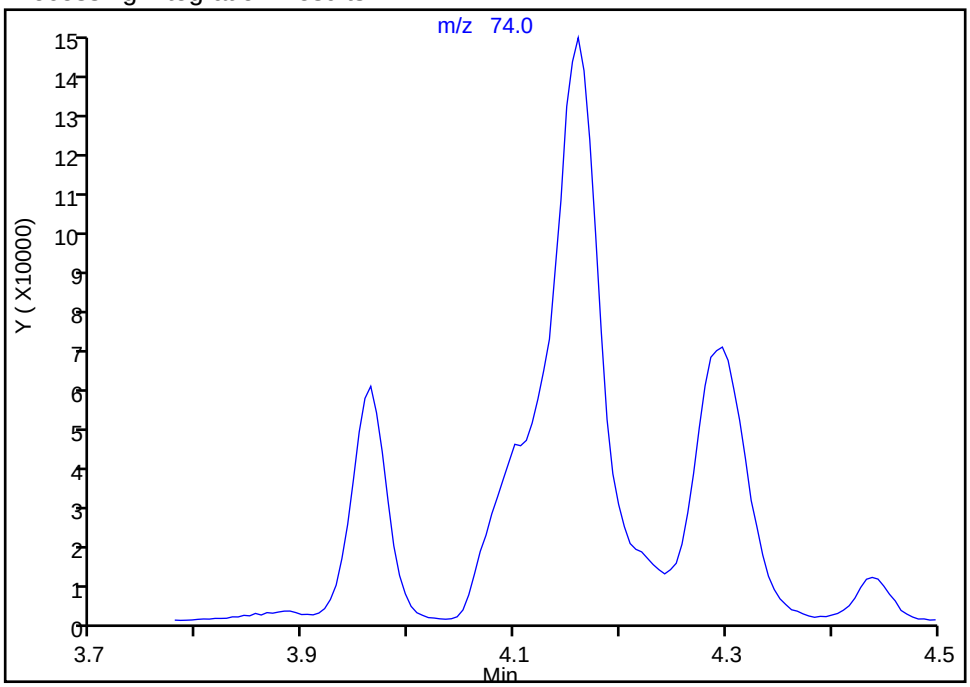
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

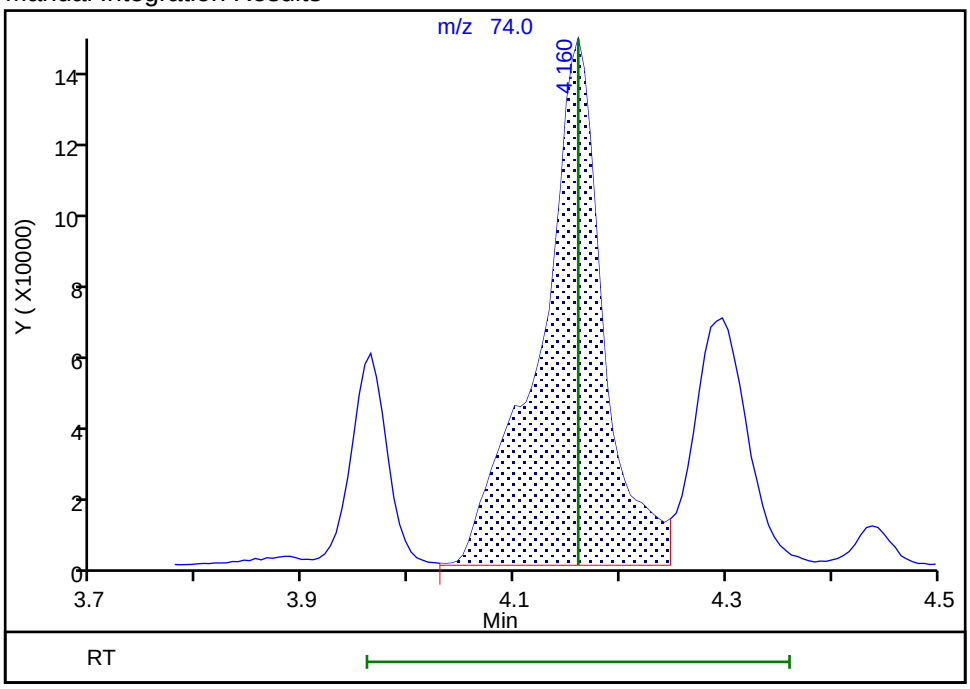
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 611292
Amount: 14169
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:34:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

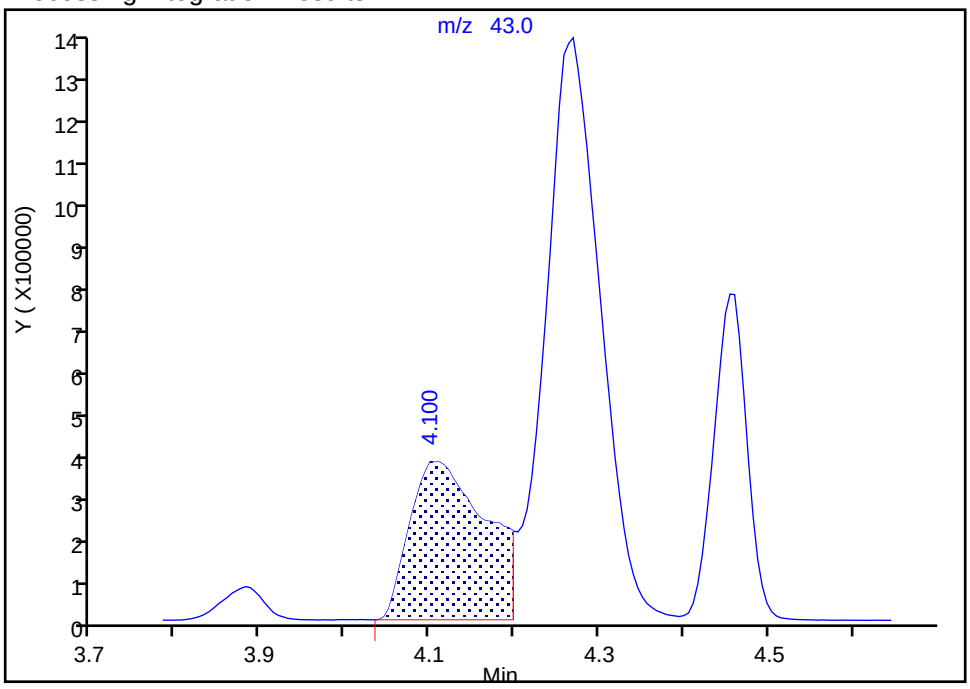
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

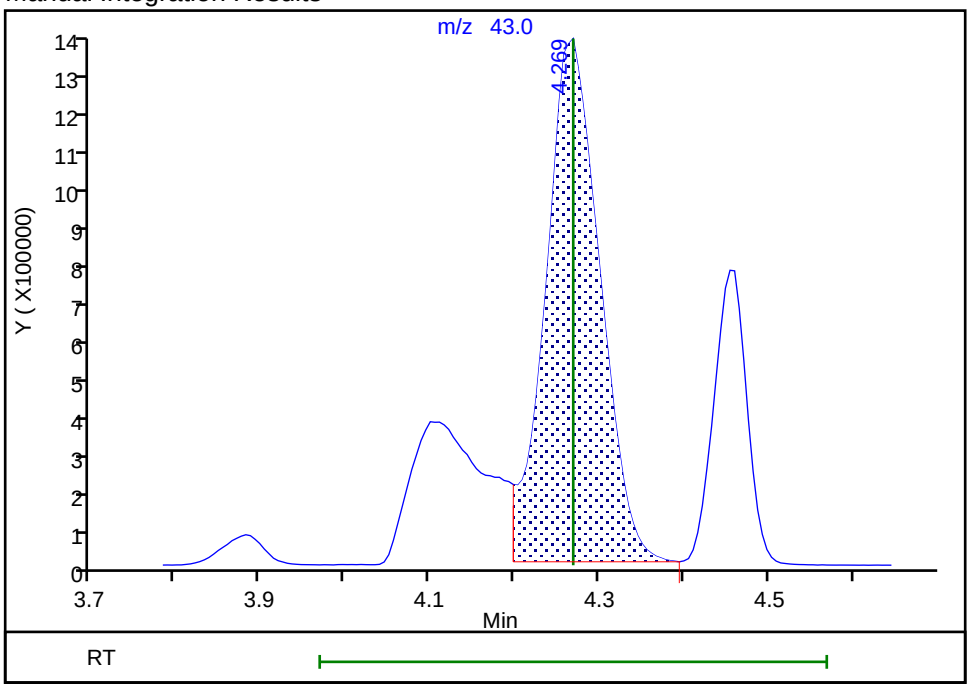
Processing Integration Results

RT: 4.10
Area: 2272630
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 4.27
Area: 5910541
Amount: 459.0993
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:34:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

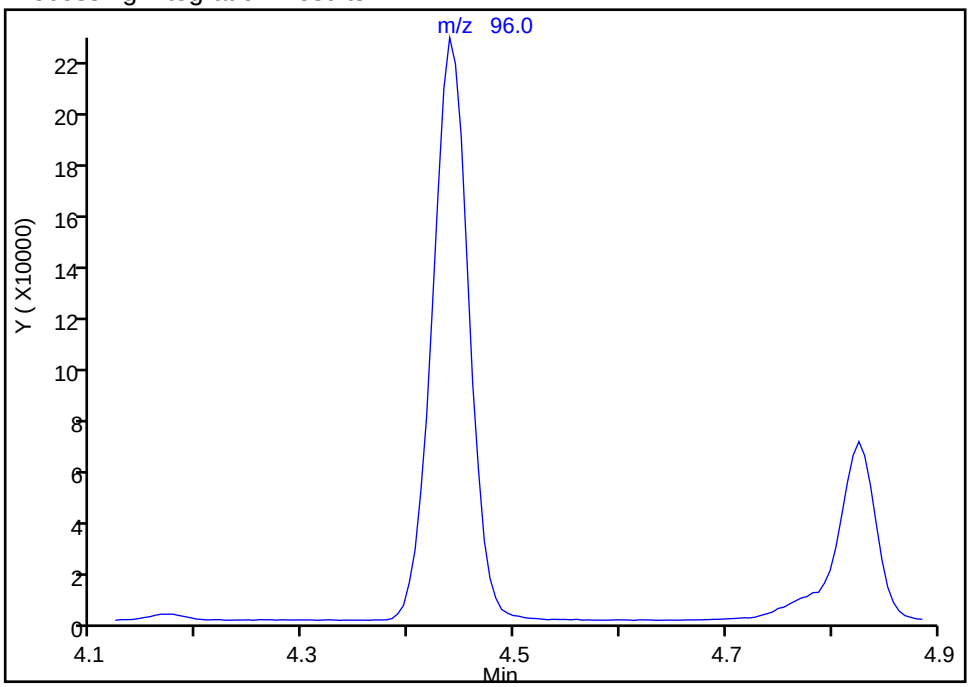
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 66 Fluorobenzene, CAS: 462-06-6

Signal: 1

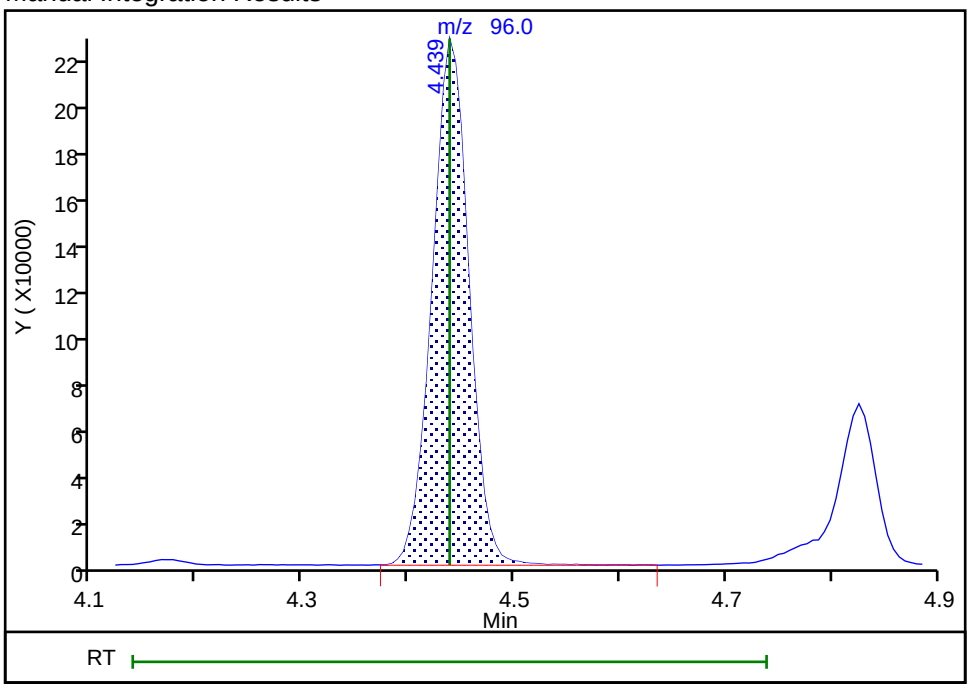
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 540028
Amount: 50.000000
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:35:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

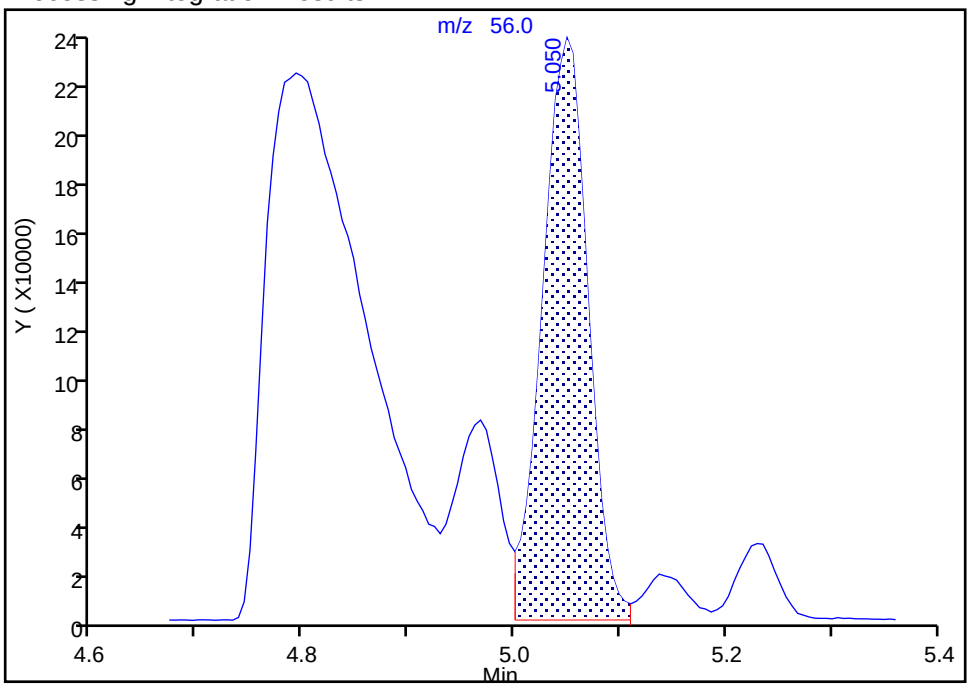
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

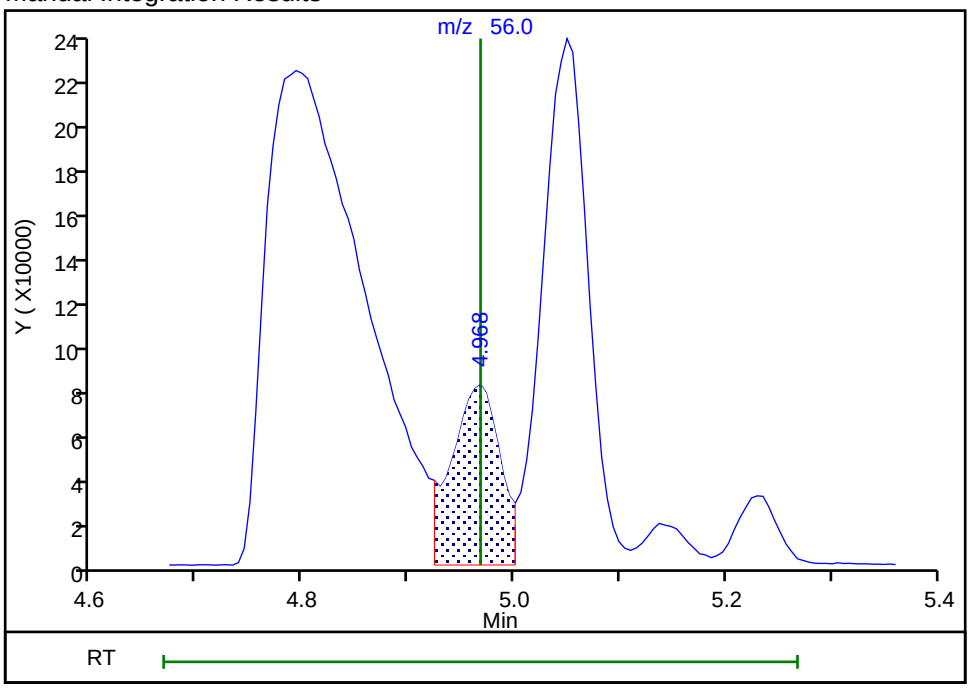
Processing Integration Results

RT: 5.05
Area: 712675
Amount: 458.4638
Amount Units: ug/l



Manual Integration Results

RT: 4.97
Area: 266057
Amount: 479.2734
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:09:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

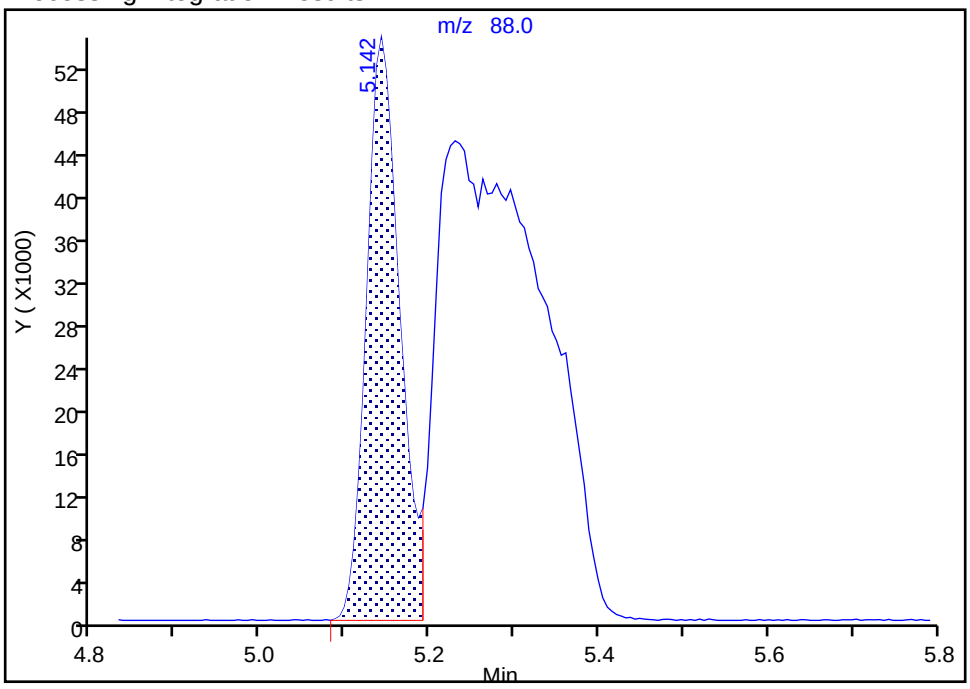
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

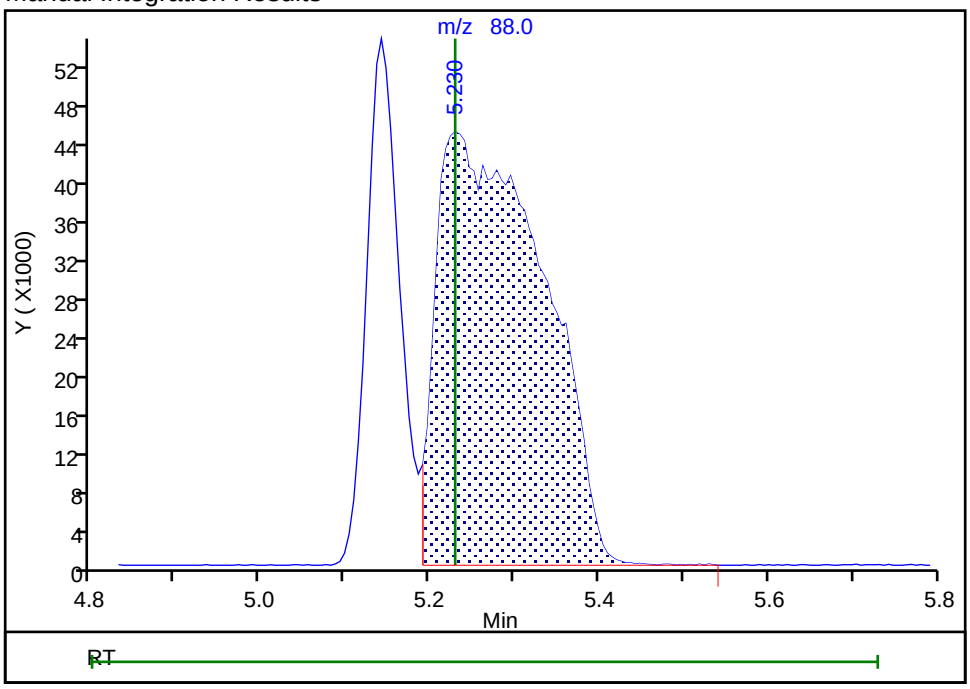
Processing Integration Results

RT: 5.14
Area: 149087
Amount: 3416.8840
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 394052
Amount: 7261.9273
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:35:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

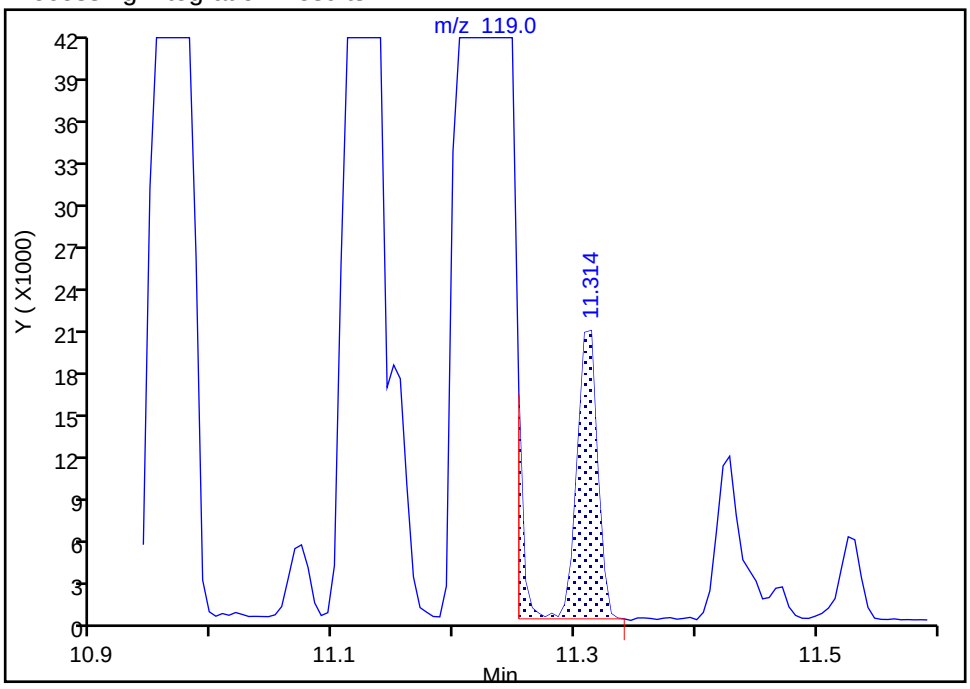
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D
Injection Date: 25-May-2022 13:37:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

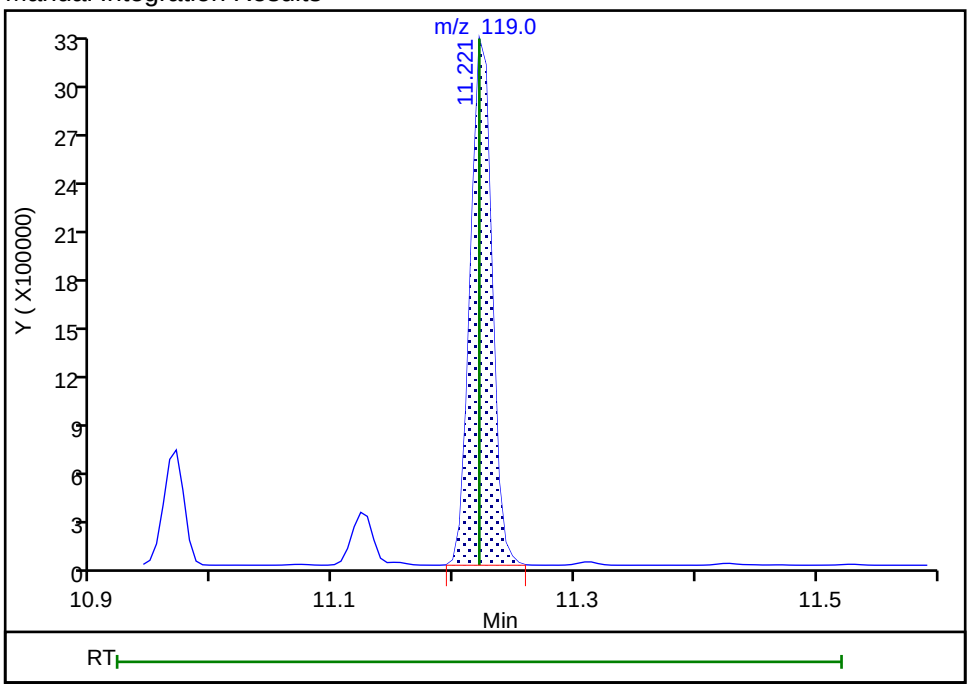
Processing Integration Results

RT: 11.31
Area: 30626
Amount: 4.689971
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 4068245
Amount: 431.4758
Amount Units: ug/l



Reviewer: martineze, 25-May-2022 14:31:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

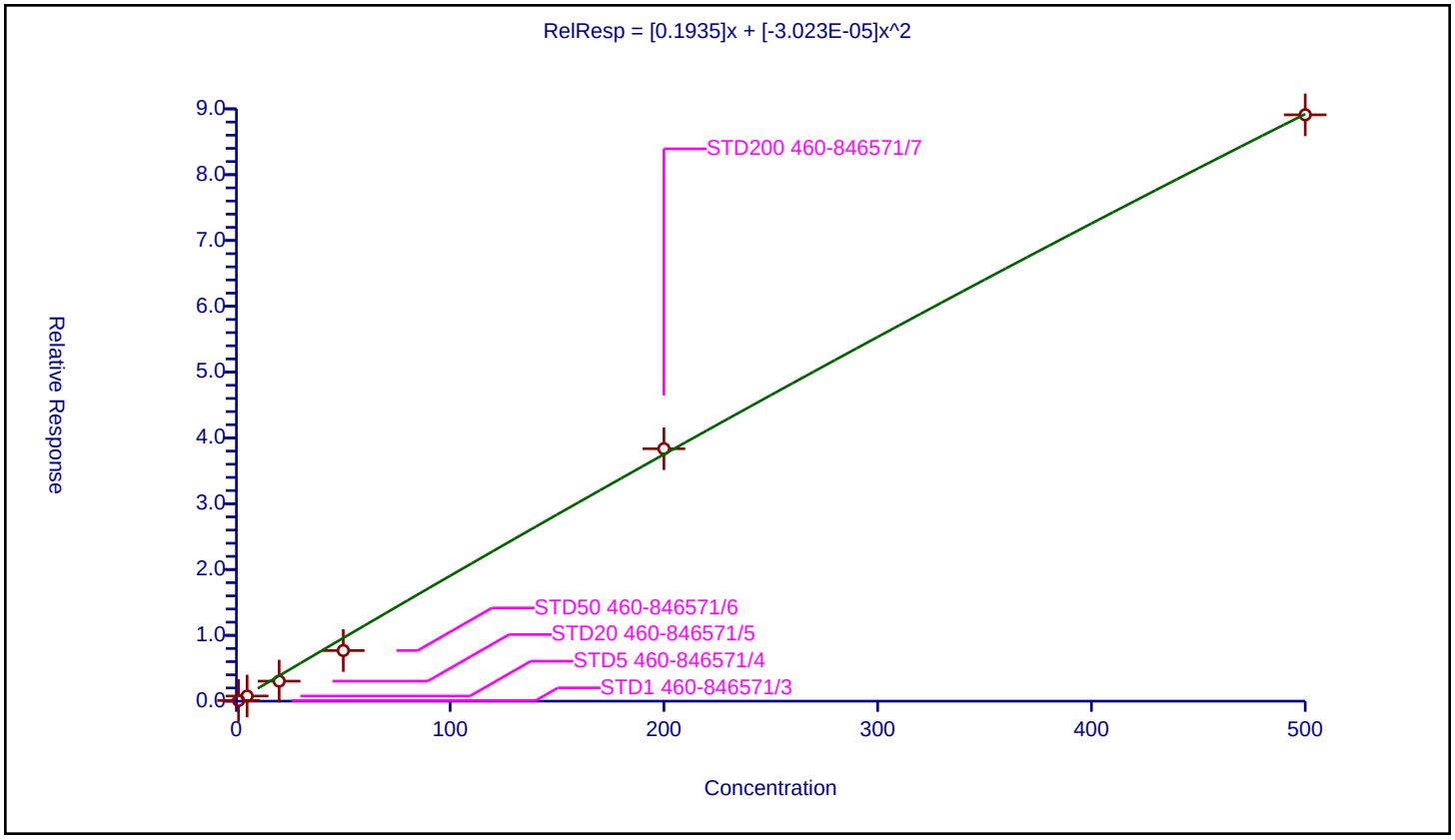
Curve Coefficients

Intercept:	0
Slope:	0.1935
Second Order:	-3.023E-05

Error Coefficients

Standard Error:	523000
Relative Standard Error:	31.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.094216	50.0	459584.0	0.094216	Y
2	STD5 460-846571/4	5.0	0.777471	50.0	480018.0	0.155494	Y
3	STD20 460-846571/5	20.0	3.042761	50.0	468489.0	0.152138	Y
4	STD50 460-846571/6	50.0	7.68663	50.0	501930.0	0.153733	Y
5	STD200 460-846571/7	200.0	38.357892	50.0	526232.0	0.191789	Y
6	STD500 460-846571/8	500.0	89.099176	50.0	540028.0	0.178198	Y



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

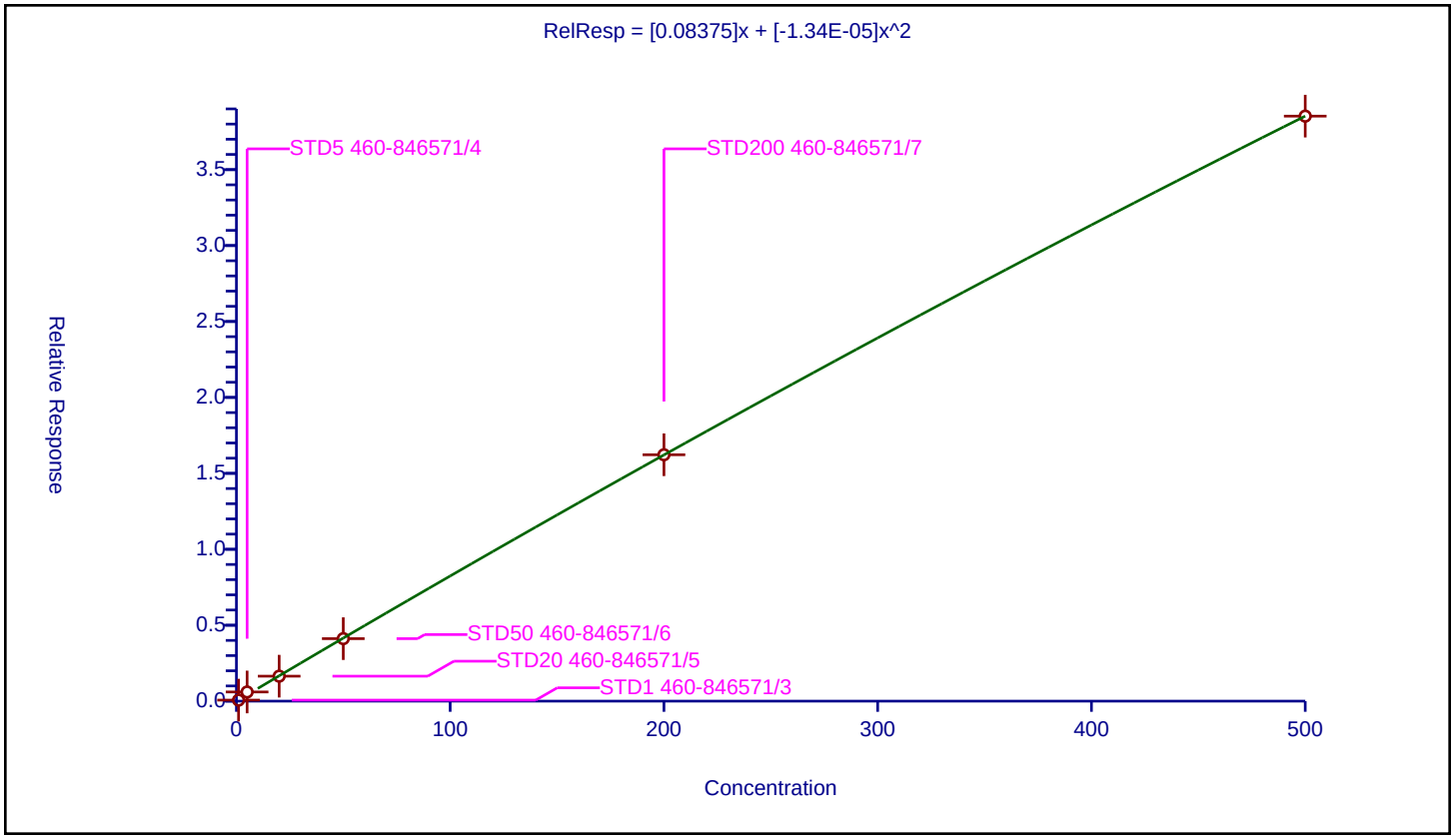
Curve Coefficients

Intercept:	0
Slope:	0.08375
Second Order:	-1.34E-05

Error Coefficients

Standard Error:	226000
Relative Standard Error:	24.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.066908	50.0	459584.0	0.066908	Y
2	STD5 460-846571/4	5.0	0.603623	50.0	480018.0	0.120725	Y
3	STD20 460-846571/5	20.0	1.645076	50.0	468489.0	0.082254	Y
4	STD50 460-846571/6	50.0	4.115614	50.0	501930.0	0.082312	Y
5	STD200 460-846571/7	200.0	16.224688	50.0	526232.0	0.081123	Y
6	STD500 460-846571/8	500.0	38.523558	50.0	540028.0	0.077047	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

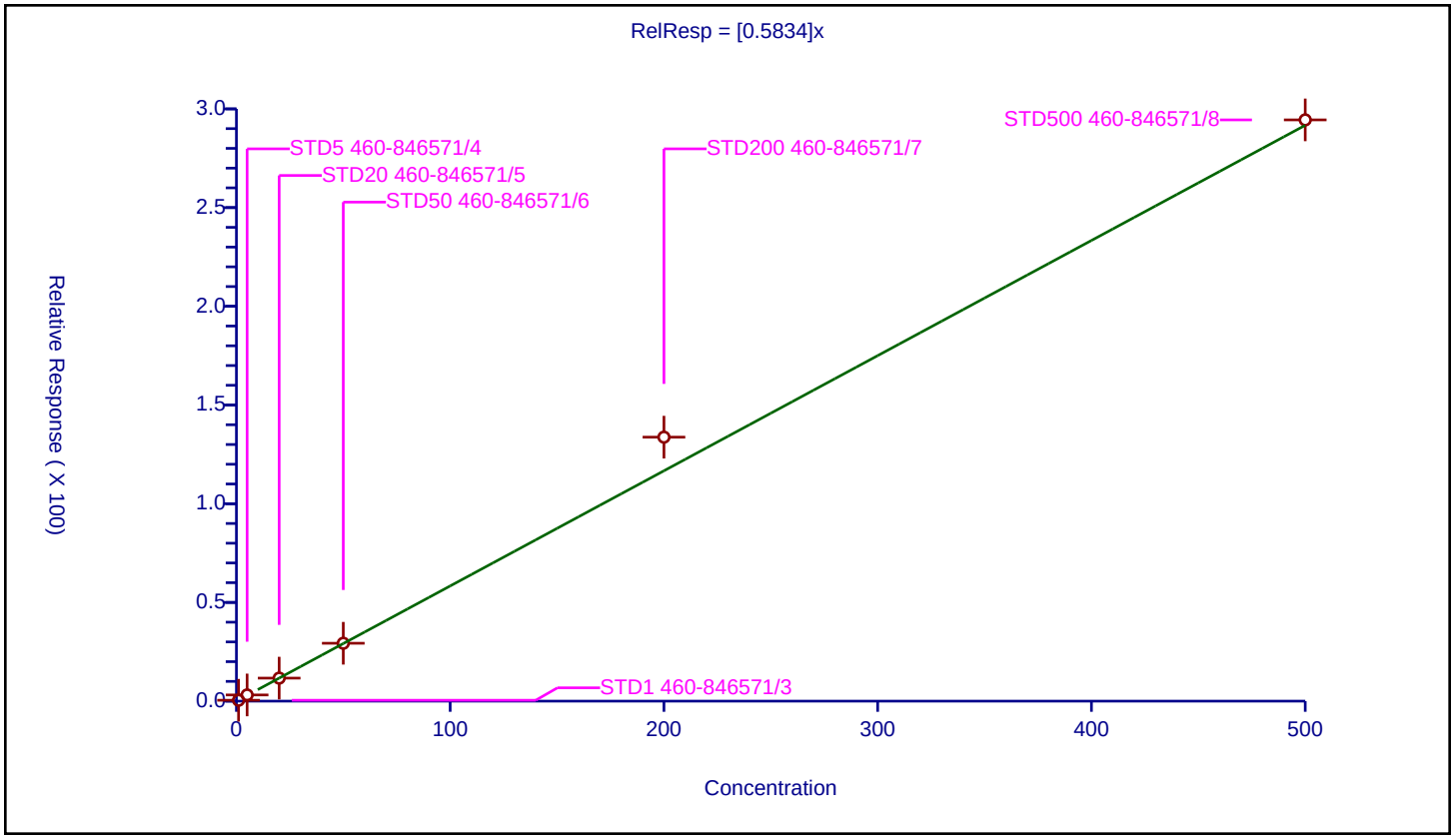
Curve Coefficients

Intercept:	0
Slope:	0.5834

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	12.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.445185	50.0	459584.0	0.445185	Y
2	STD5 460-846571/4	5.0	3.138841	50.0	480018.0	0.627768	Y
3	STD20 460-846571/5	20.0	11.667723	50.0	468489.0	0.583386	Y
4	STD50 460-846571/6	50.0	29.324707	50.0	501930.0	0.586494	Y
5	STD200 460-846571/7	200.0	133.719823	50.0	526232.0	0.668599	Y
6	STD500 460-846571/8	500.0	294.425567	50.0	540028.0	0.588851	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

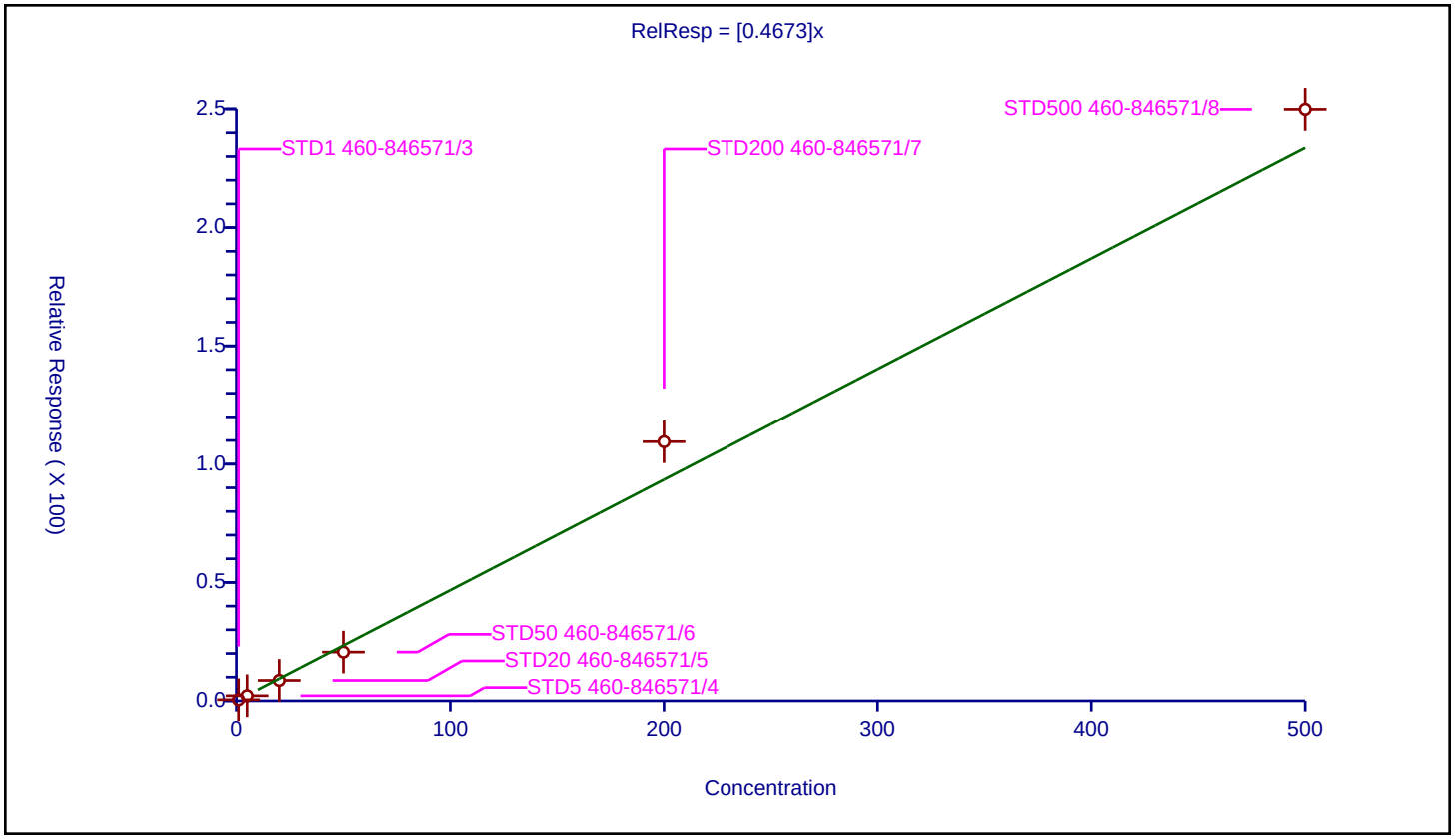
Curve Coefficients

Intercept:	0
Slope:	0.4673

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.480543	50.0	459584.0	0.480543	Y
2	STD5 460-846571/4	5.0	2.167315	50.0	480018.0	0.433463	Y
3	STD20 460-846571/5	20.0	8.625176	50.0	468489.0	0.431259	Y
4	STD50 460-846571/6	50.0	20.587233	50.0	501930.0	0.411745	Y
5	STD200 460-846571/7	200.0	109.48346	50.0	526232.0	0.547417	Y
6	STD500 460-846571/8	500.0	249.83612	50.0	540028.0	0.499672	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

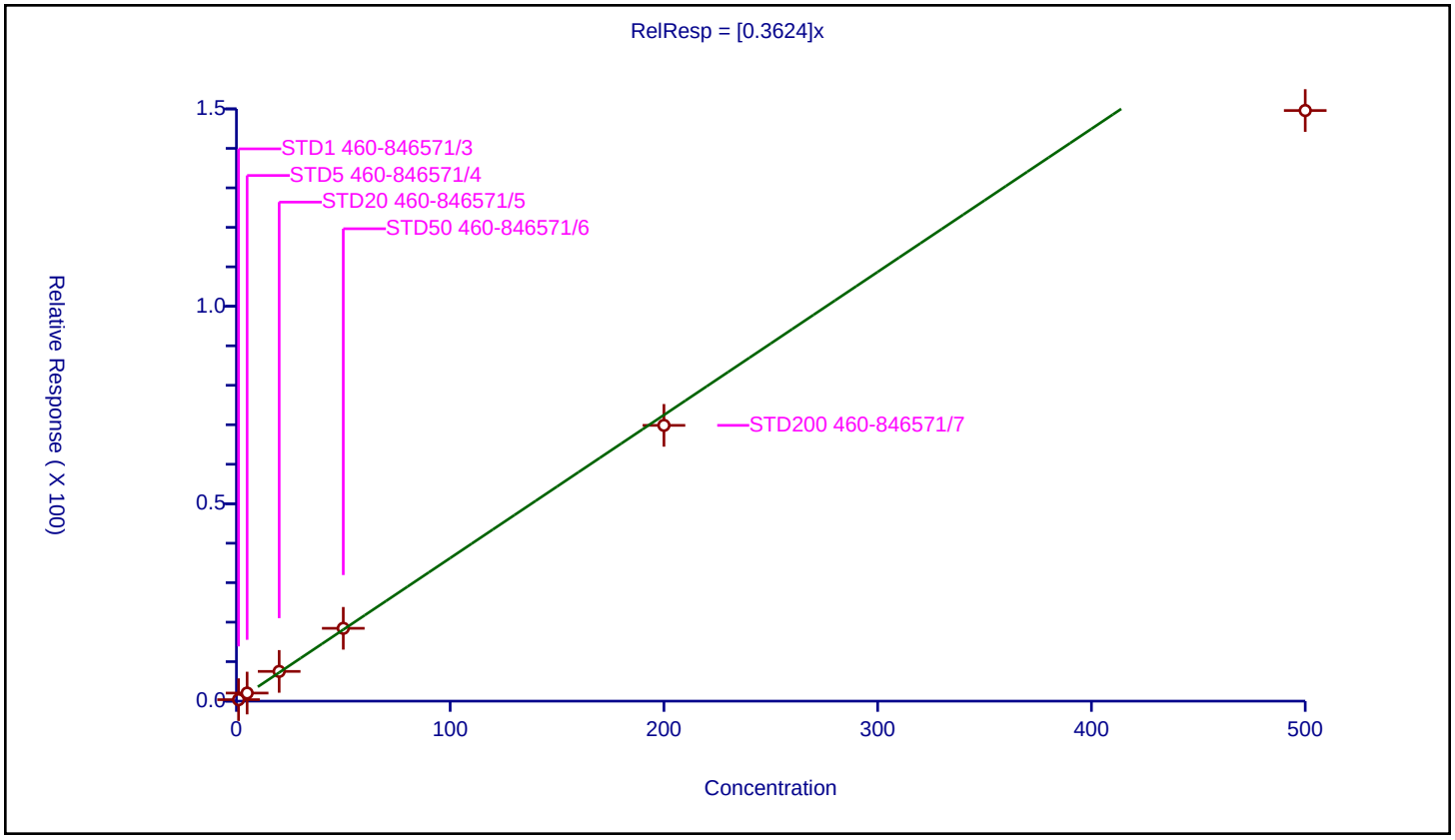
Curve Coefficients

Intercept:	0
Slope:	0.3624

Error Coefficients

Standard Error:	799000
Relative Standard Error:	10.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.371314	50.0	459584.0	0.371314	Y
2	STD5 460-846571/4	5.0	2.044715	50.0	480018.0	0.408943	Y
3	STD20 460-846571/5	20.0	7.533154	50.0	468489.0	0.376658	Y
4	STD50 460-846571/6	50.0	18.445401	50.0	501930.0	0.368908	Y
5	STD200 460-846571/7	200.0	69.850845	50.0	526232.0	0.349254	Y
6	STD500 460-846571/8	500.0	149.587707	50.0	540028.0	0.299175	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

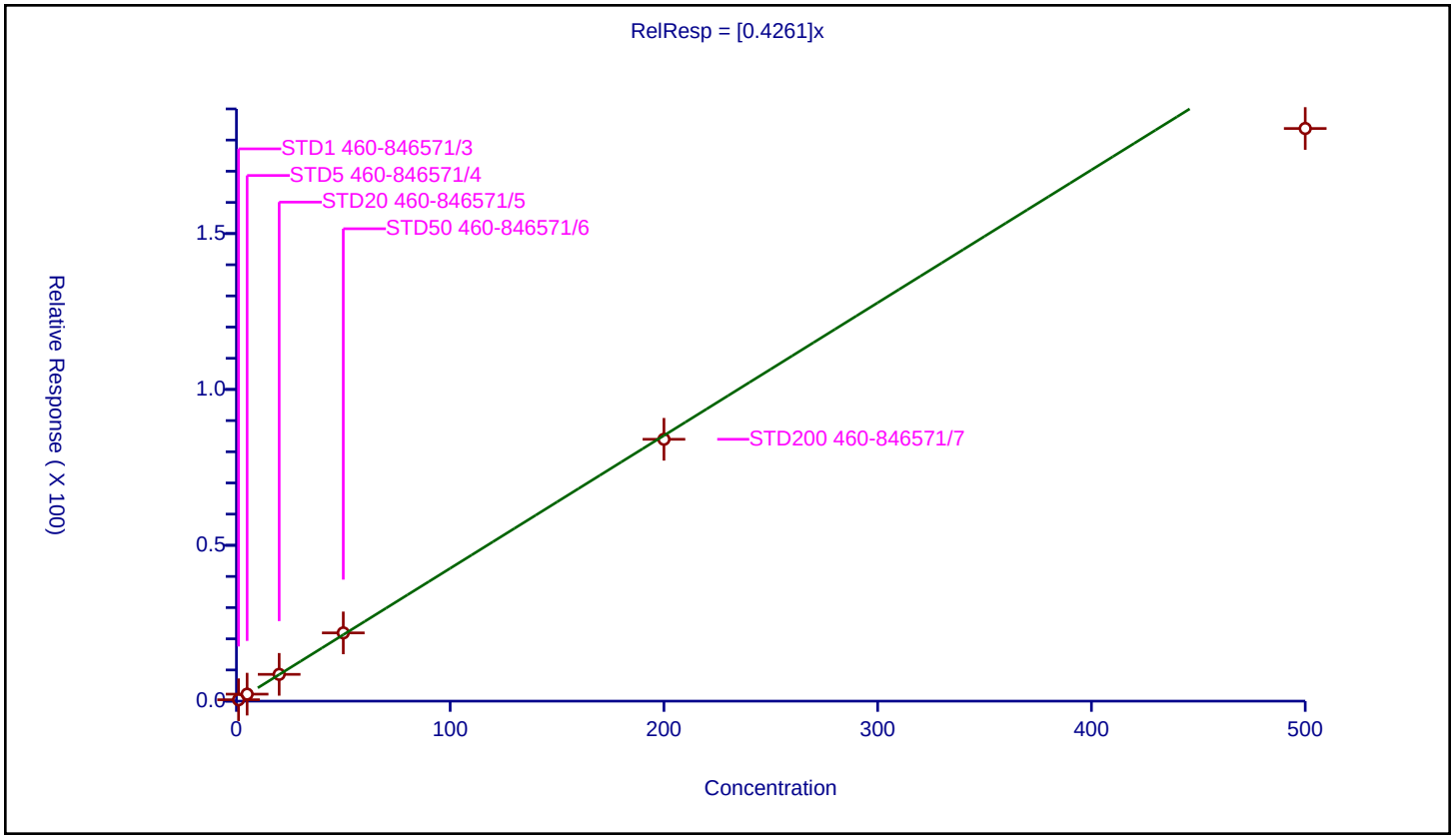
Curve Coefficients

Intercept:	0
Slope:	0.4261

Error Coefficients

Standard Error:	977000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.452366	50.0	459584.0	0.452366	Y
2	STD5 460-846571/4	5.0	2.244499	50.0	480018.0	0.4489	Y
3	STD20 460-846571/5	20.0	8.592838	50.0	468489.0	0.429642	Y
4	STD50 460-846571/6	50.0	21.898771	50.0	501930.0	0.437975	Y
5	STD200 460-846571/7	200.0	84.004679	50.0	526232.0	0.420023	Y
6	STD500 460-846571/8	500.0	183.713807	50.0	540028.0	0.367428	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

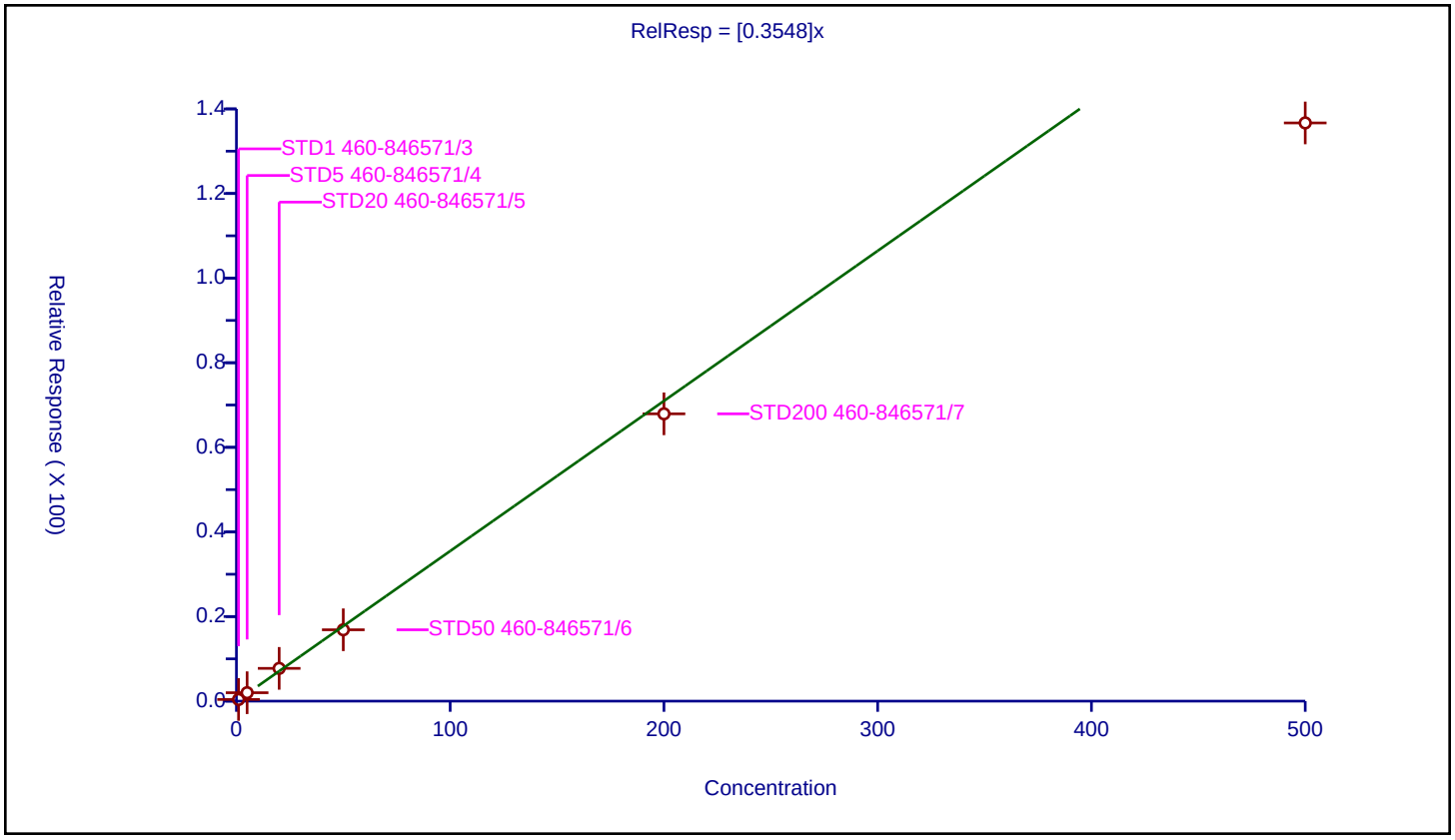
Curve Coefficients

Intercept:	0
Slope:	0.3548

Error Coefficients

Standard Error:	738000
Relative Standard Error:	13.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.39242	50.0	459584.0	0.39242	Y
2	STD5 460-846571/4	5.0	1.994092	50.0	480018.0	0.398818	Y
3	STD20 460-846571/5	20.0	7.744686	50.0	468489.0	0.387234	Y
4	STD50 460-846571/6	50.0	16.871675	50.0	501930.0	0.337434	Y
5	STD200 460-846571/7	200.0	67.916432	50.0	526232.0	0.339582	Y
6	STD500 460-846571/8	500.0	136.683376	50.0	540028.0	0.273367	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

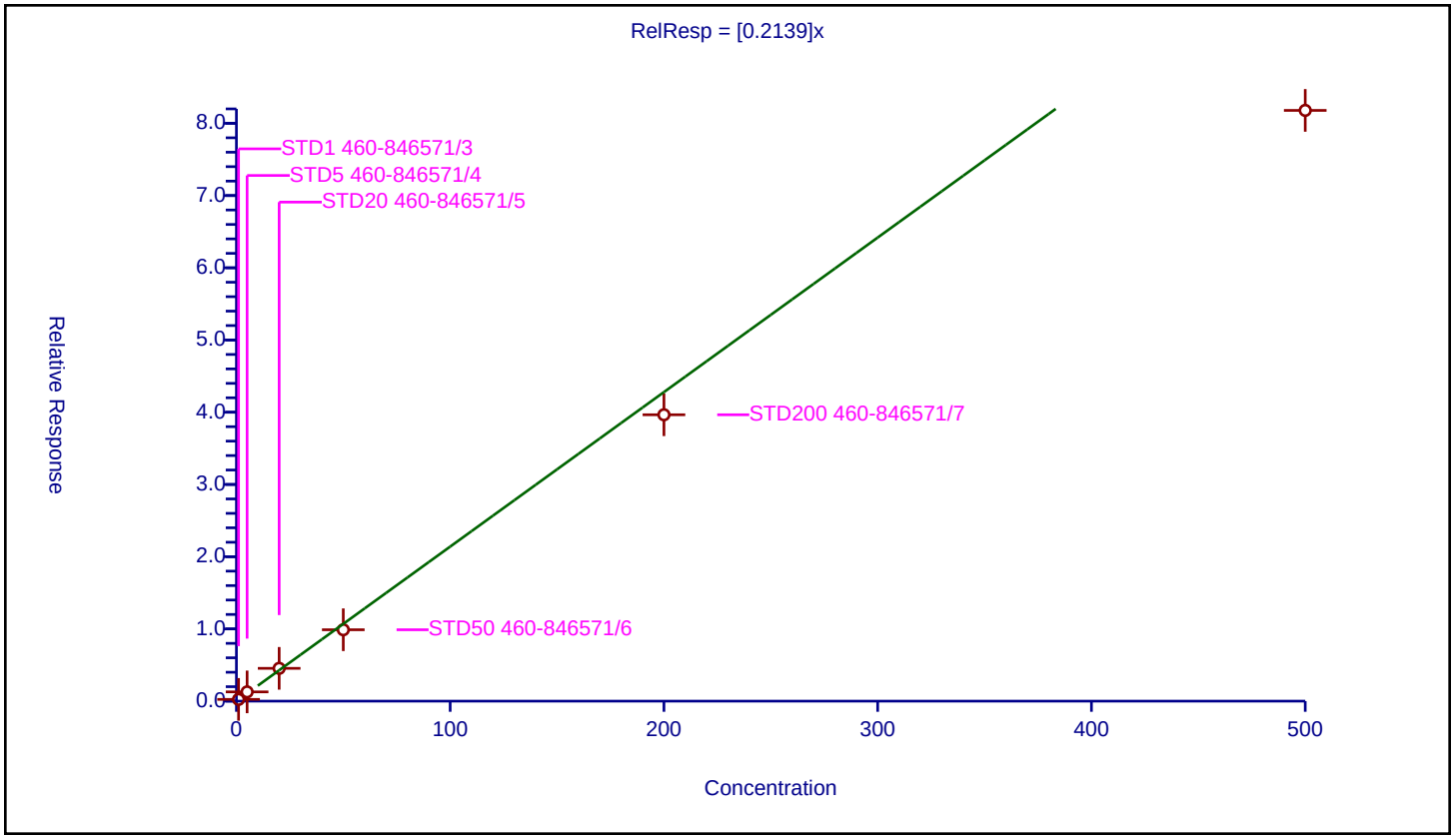
Curve Coefficients

Intercept:	0
Slope:	0.2139

Error Coefficients

Standard Error:	440000
Relative Standard Error:	15.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.240761	50.0	459584.0	0.240761	Y
2	STD5 460-846571/4	5.0	1.28141	50.0	480018.0	0.256282	Y
3	STD20 460-846571/5	20.0	4.542796	50.0	468489.0	0.22714	Y
4	STD50 460-846571/6	50.0	9.882852	50.0	501930.0	0.197657	Y
5	STD200 460-846571/7	200.0	39.651808	50.0	526232.0	0.198259	Y
6	STD500 460-846571/8	500.0	81.789648	50.0	540028.0	0.163579	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

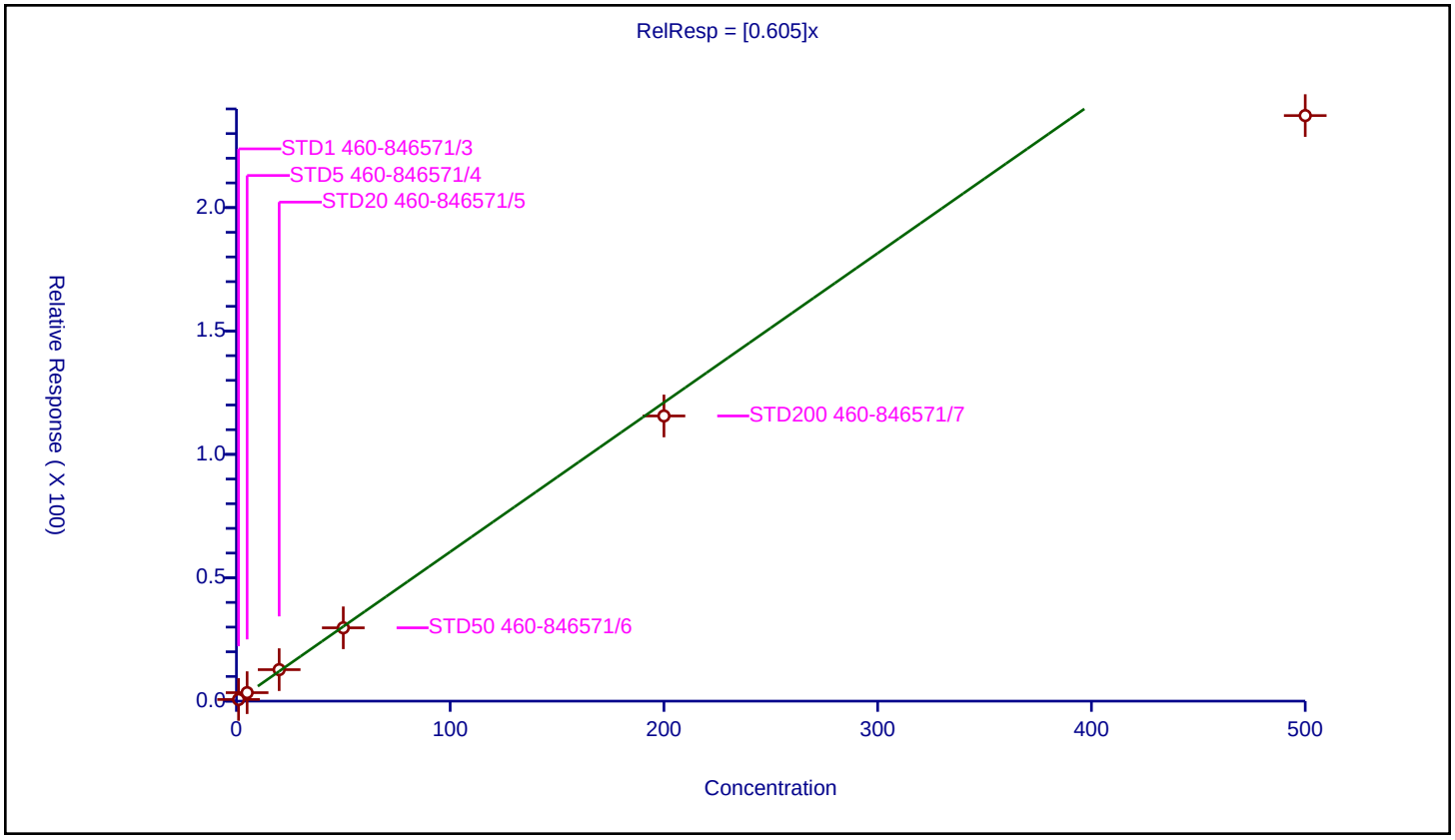
Curve Coefficients

Intercept:	0
Slope:	0.605

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	12.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.658422	50.0	459584.0	0.658422	Y
2	STD5 460-846571/4	5.0	3.433621	50.0	480018.0	0.686724	Y
3	STD20 460-846571/5	20.0	12.764867	50.0	468489.0	0.638243	Y
4	STD50 460-846571/6	50.0	29.716395	50.0	501930.0	0.594328	Y
5	STD200 460-846571/7	200.0	115.567753	50.0	526232.0	0.577839	Y
6	STD500 460-846571/8	500.0	237.290474	50.0	540028.0	0.474581	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

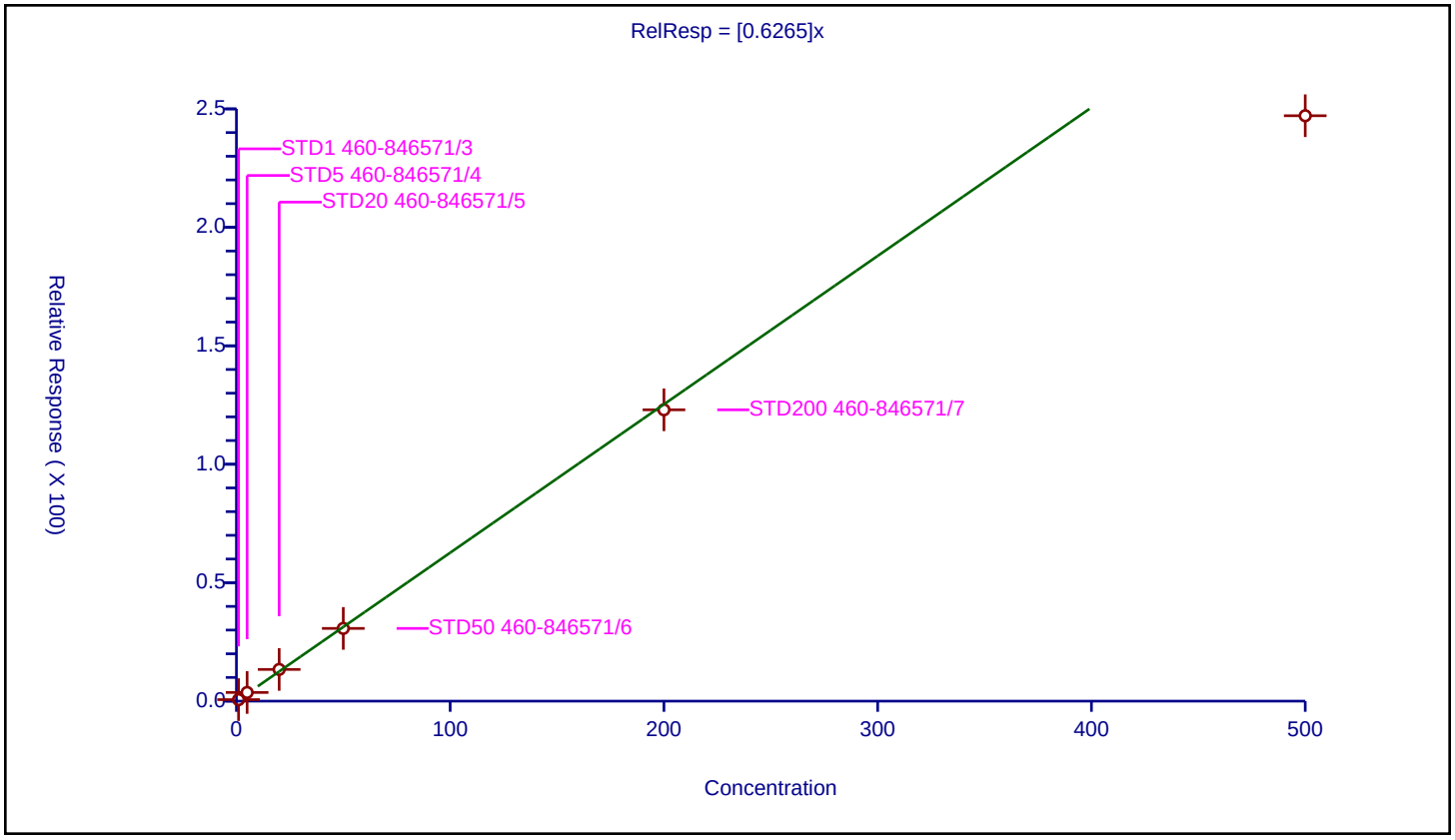
Curve Coefficients

Intercept:	0
Slope:	0.6265

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	12.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.633725	50.0	459584.0	0.633725	Y
2	STD5 460-846571/4	5.0	3.662258	50.0	480018.0	0.732452	Y
3	STD20 460-846571/5	20.0	13.388681	50.0	468489.0	0.669434	Y
4	STD50 460-846571/6	50.0	30.700396	50.0	501930.0	0.614008	Y
5	STD200 460-846571/7	200.0	122.979123	50.0	526232.0	0.614896	Y
6	STD500 460-846571/8	500.0	247.114872	50.0	540028.0	0.49423	Y



Calibration / Pentane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

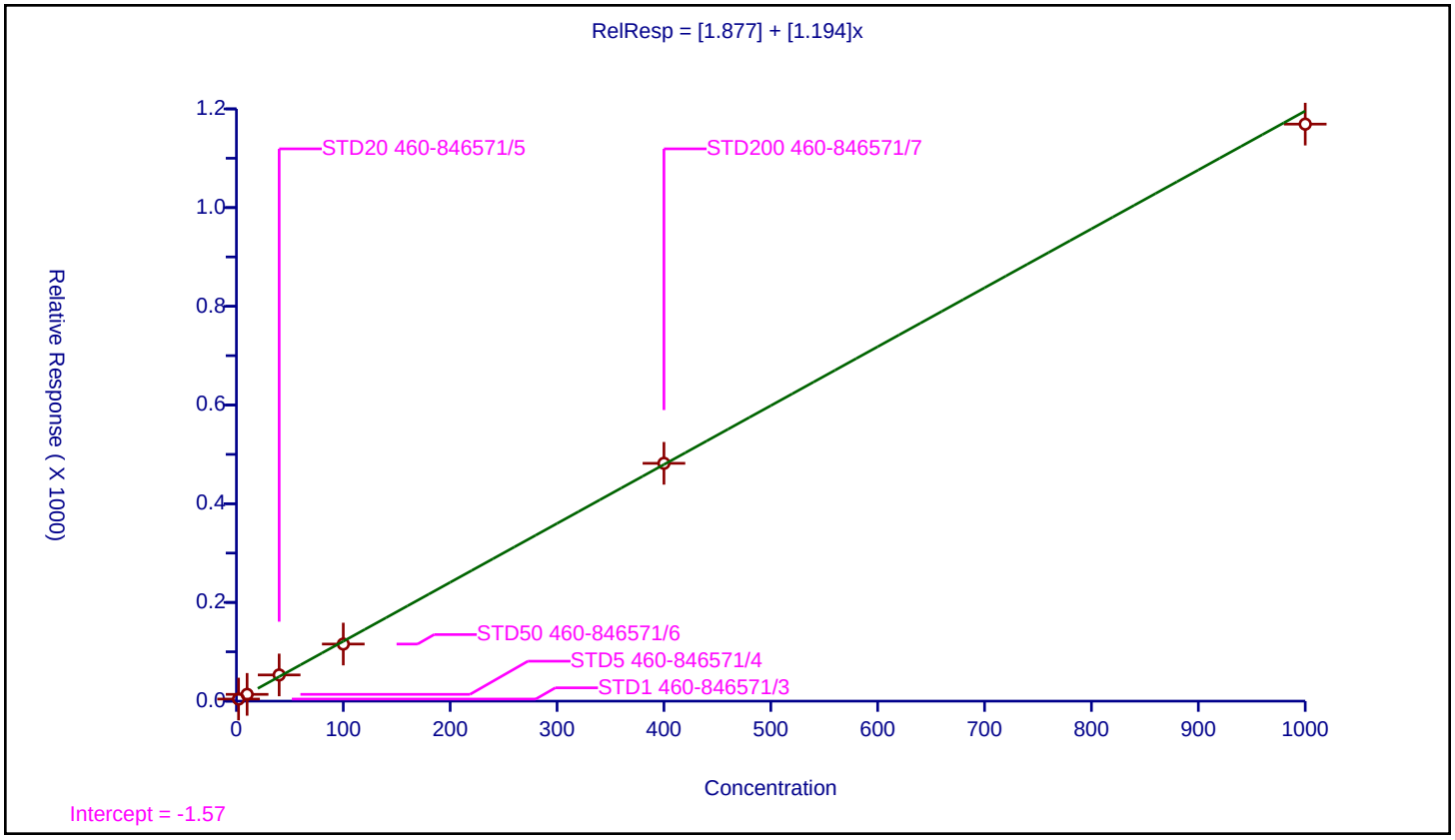
Curve Coefficients

Intercept:	1.877
Slope:	1.194

Error Coefficients

Standard Error:	201000
Relative Standard Error:	4.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	2.0	4.262043	1000.0	353117.0	2.131022	Y
2	STD5 460-846571/4	10.0	13.727304	1000.0	369774.0	1.37273	Y
3	STD20 460-846571/5	40.0	53.089984	1000.0	352251.0	1.32725	Y
4	STD50 460-846571/6	100.0	115.660443	1000.0	383182.0	1.156604	Y
5	STD200 460-846571/7	400.0	481.863147	1000.0	358662.0	1.204658	Y
6	STD500 460-846571/8	1000.0	1169.114552	1000.0	308838.0	1.169115	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

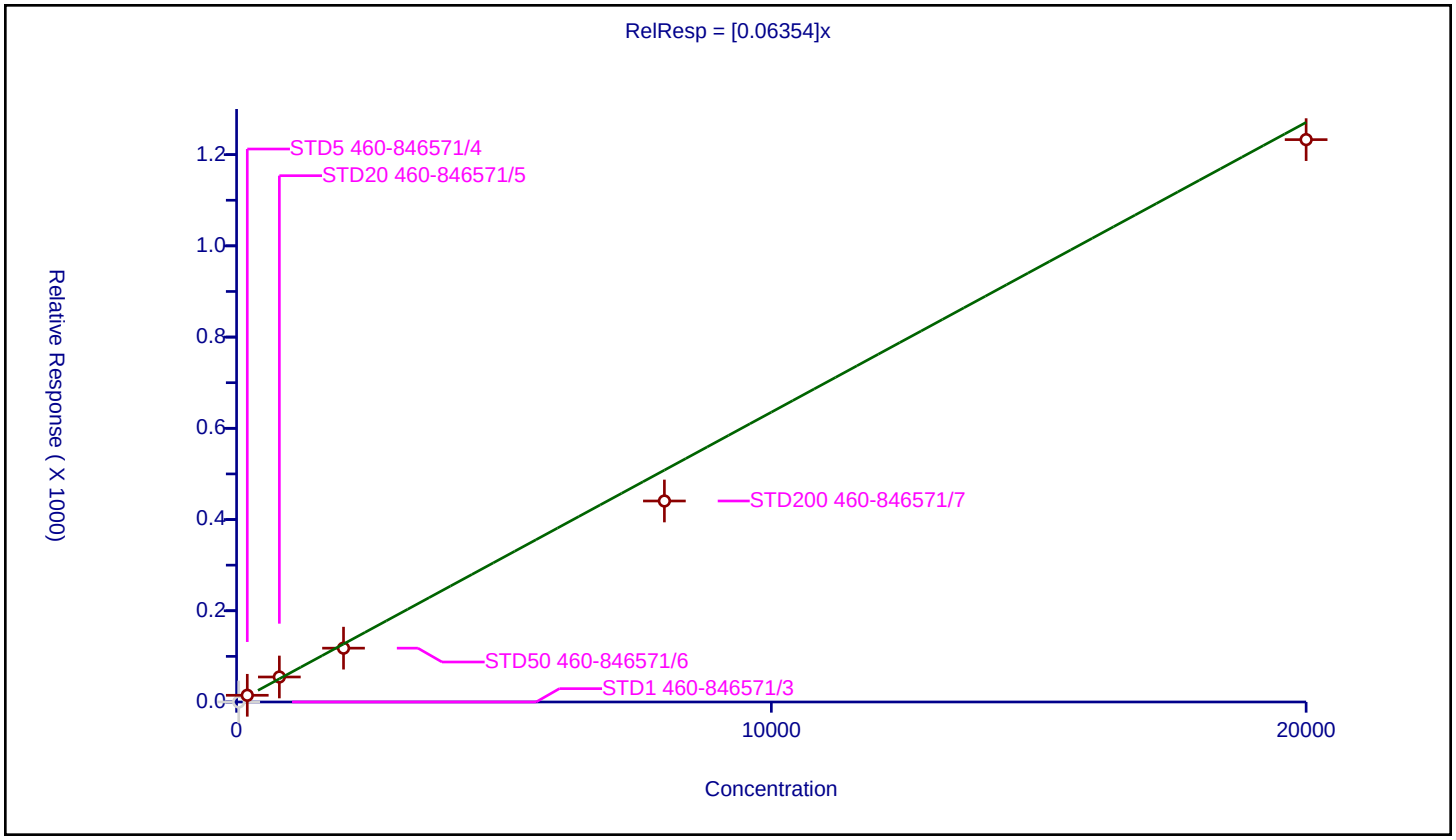
Curve Coefficients

Intercept:	0
Slope:	0.06354

Error Coefficients

Standard Error:	207000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	40.0	0.0	1000.0	353117.0	0.0	N
2	STD5 460-846571/4	200.0	14.681941	1000.0	369774.0	0.07341	Y
3	STD20 460-846571/5	800.0	54.827382	1000.0	352251.0	0.068534	Y
4	STD50 460-846571/6	2000.0	118.011806	1000.0	383182.0	0.059006	Y
5	STD200 460-846571/7	8000.0	440.68789	1000.0	358662.0	0.055086	Y
6	STD500 460-846571/8	20000.0	1232.889087	1000.0	308838.0	0.061644	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

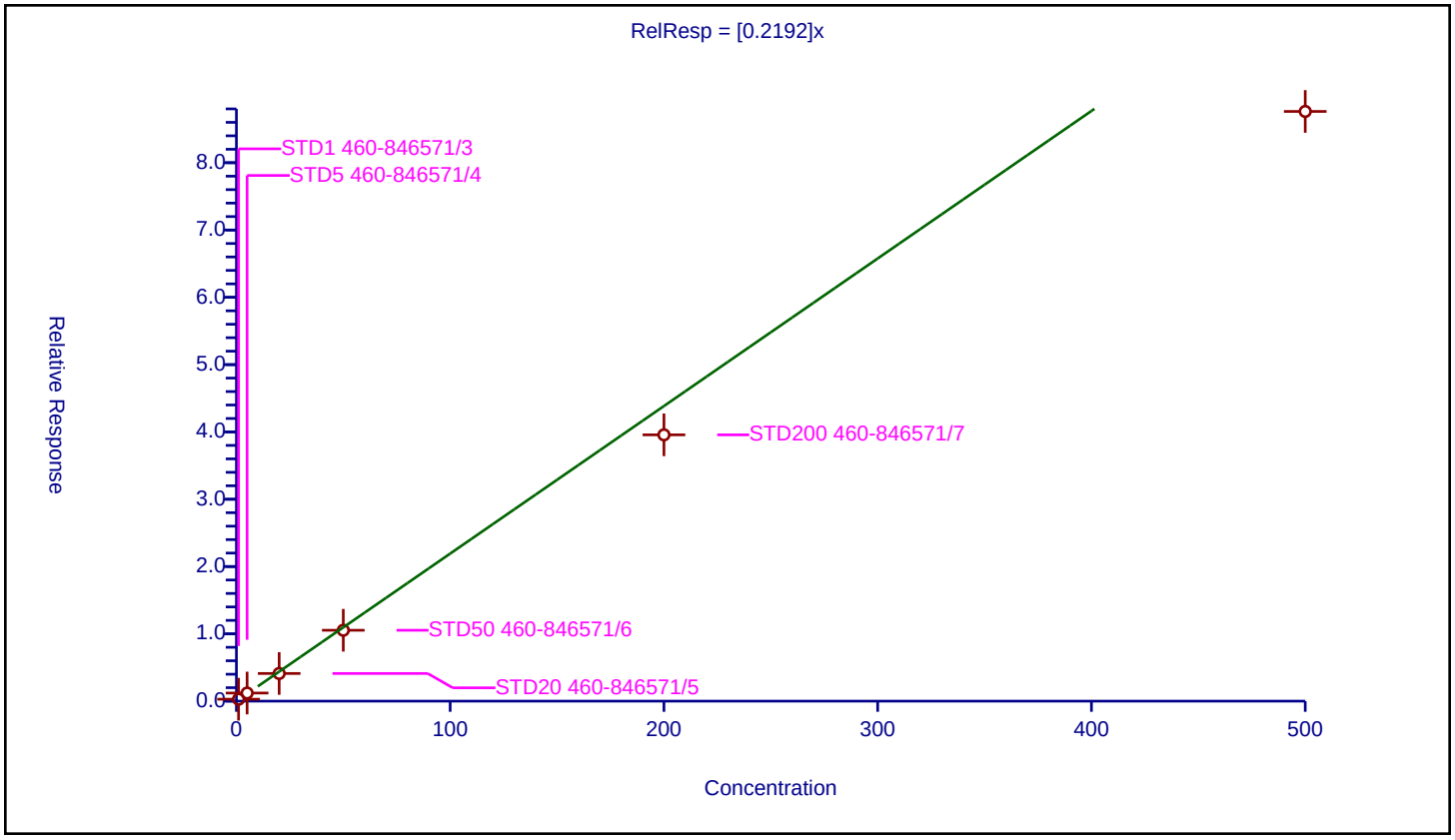
Curve Coefficients

Intercept:	0
Slope:	0.2192

Error Coefficients

Standard Error:	465000
Relative Standard Error:	17.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.285693	50.0	459584.0	0.285693	Y
2	STD5 460-846571/4	5.0	1.20308	50.0	480018.0	0.240616	Y
3	STD20 460-846571/5	20.0	4.108634	50.0	468489.0	0.205432	Y
4	STD50 460-846571/6	50.0	10.53115	50.0	501930.0	0.210623	Y
5	STD200 460-846571/7	200.0	39.569429	50.0	526232.0	0.197847	Y
6	STD500 460-846571/8	500.0	87.620179	50.0	540028.0	0.17524	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

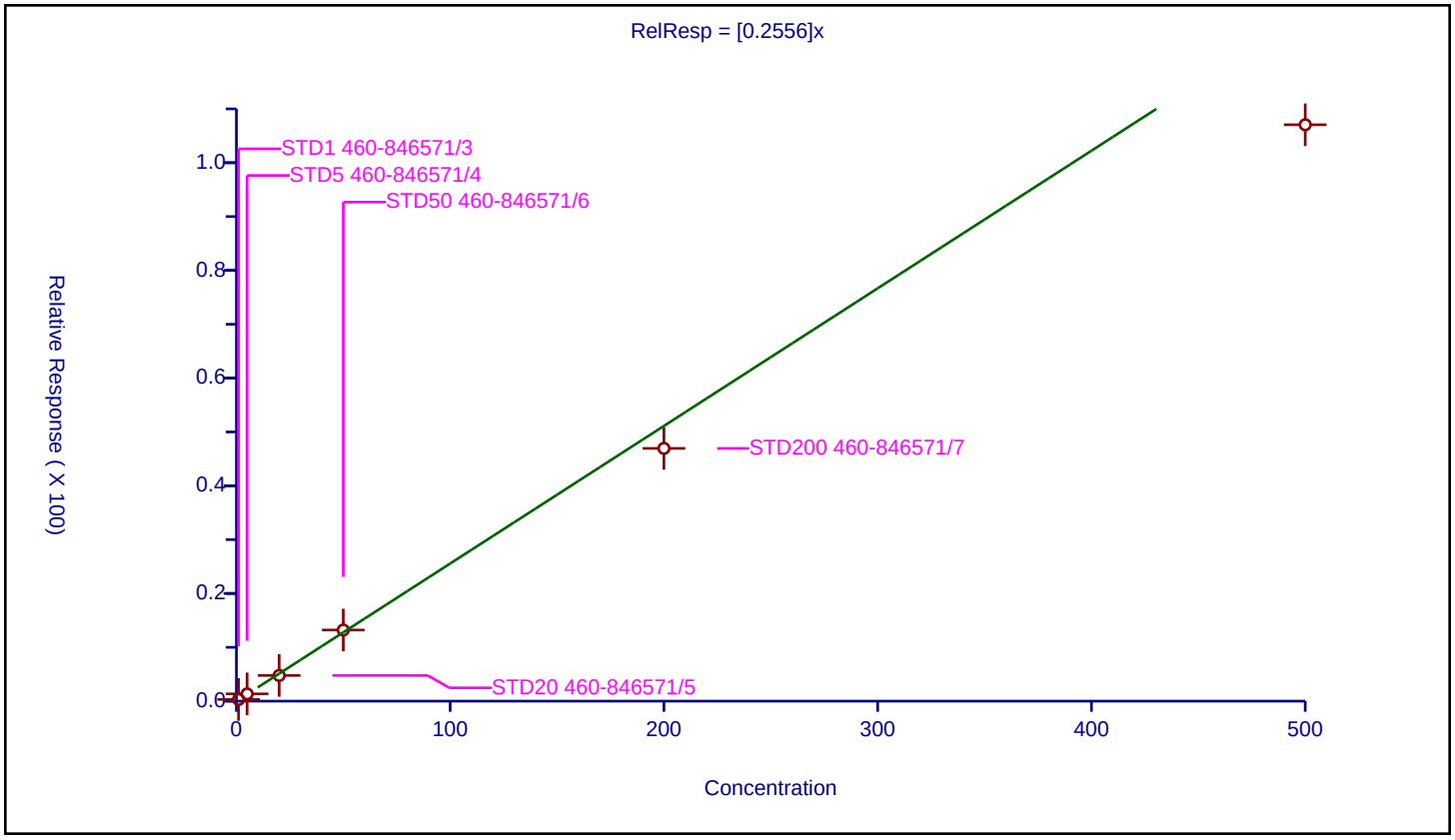
Curve Coefficients

Intercept:	0
Slope:	0.2556

Error Coefficients

Standard Error:	566000
Relative Standard Error:	13.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.312239	50.0	459584.0	0.312239	Y
2	STD5 460-846571/4	5.0	1.348179	50.0	480018.0	0.269636	Y
3	STD20 460-846571/5	20.0	4.770443	50.0	468489.0	0.238522	Y
4	STD50 460-846571/6	50.0	13.210607	50.0	501930.0	0.264212	Y
5	STD200 460-846571/7	200.0	46.944884	50.0	526232.0	0.234724	Y
6	STD500 460-846571/8	500.0	107.051949	50.0	540028.0	0.214104	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

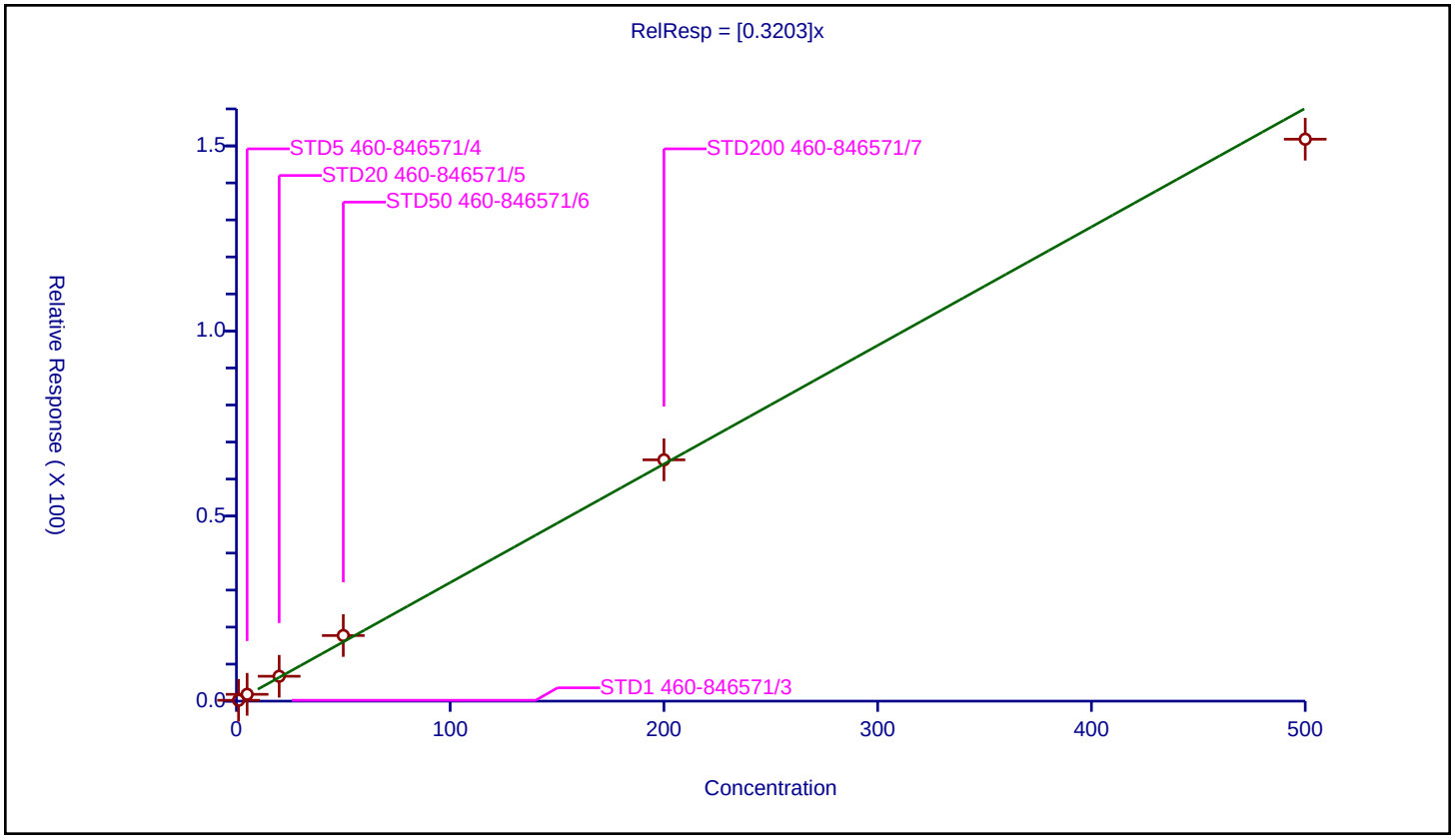
Curve Coefficients

Intercept:	0
Slope:	0.3203

Error Coefficients

Standard Error:	799000
Relative Standard Error:	15.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.23184	50.0	459584.0	0.23184	Y
2	STD5 460-846571/4	5.0	1.849097	50.0	480018.0	0.369819	Y
3	STD20 460-846571/5	20.0	6.721503	50.0	468489.0	0.336075	Y
4	STD50 460-846571/6	50.0	17.723786	50.0	501930.0	0.354476	Y
5	STD200 460-846571/7	200.0	65.193299	50.0	526232.0	0.325966	Y
6	STD500 460-846571/8	500.0	151.814721	50.0	540028.0	0.303629	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

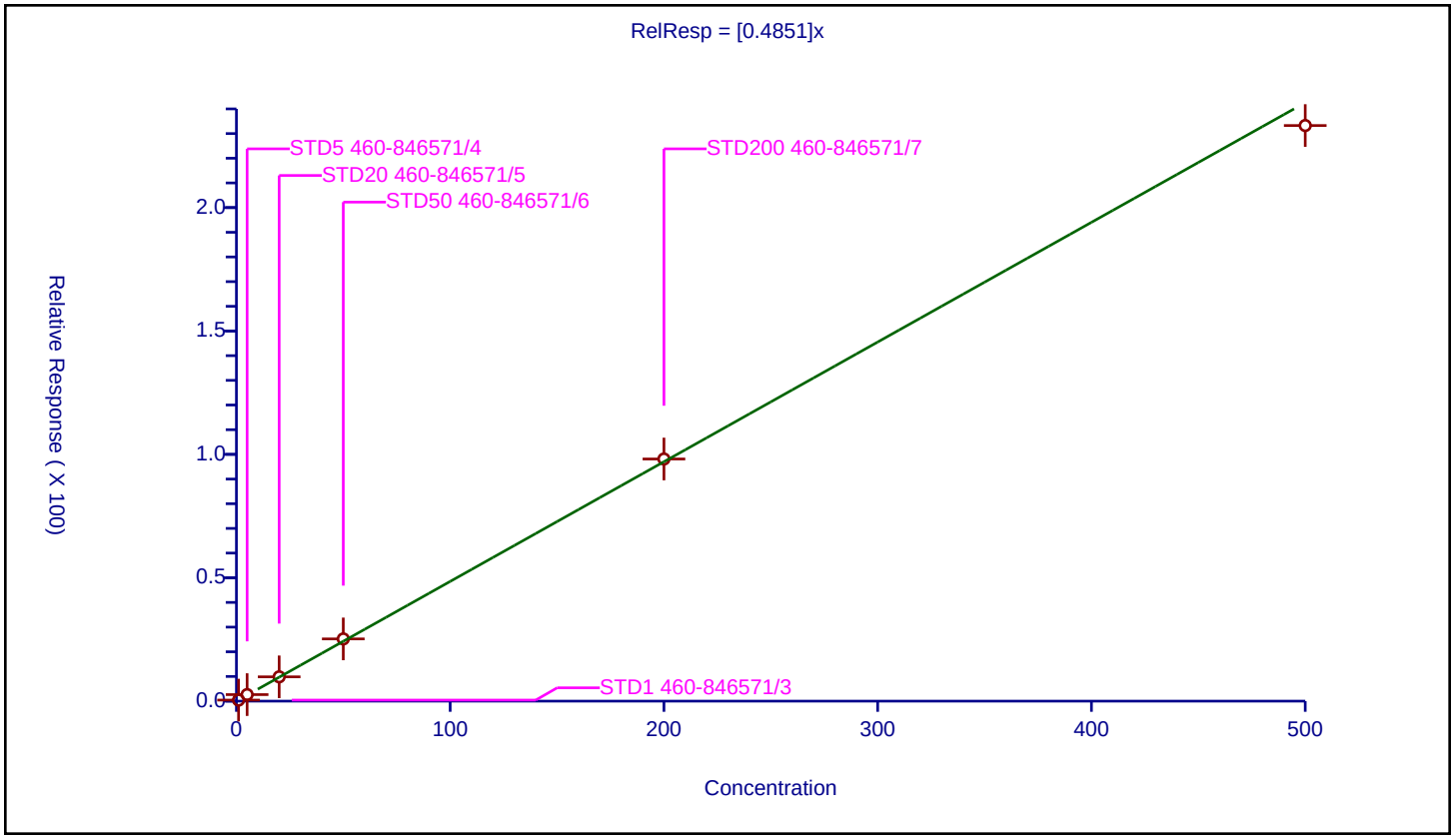
Curve Coefficients

Intercept:	0
Slope:	0.4851

Error Coefficients

Standard Error:	1220000
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	STD1 460-846571/3	1.0	0.425602	50.0	459584.0	0.425602	Y
2	STD5 460-846571/4	5.0	2.65438	50.0	480018.0	0.530876	Y
3	STD20 460-846571/5	20.0	9.850605	50.0	468489.0	0.49253	Y
4	STD50 460-846571/6	50.0	25.213675	50.0	501930.0	0.504274	Y
5	STD200 460-846571/7	200.0	98.125162	50.0	526232.0	0.490626	Y
6	STD500 460-846571/8	500.0	233.254757	50.0	540028.0	0.46651	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

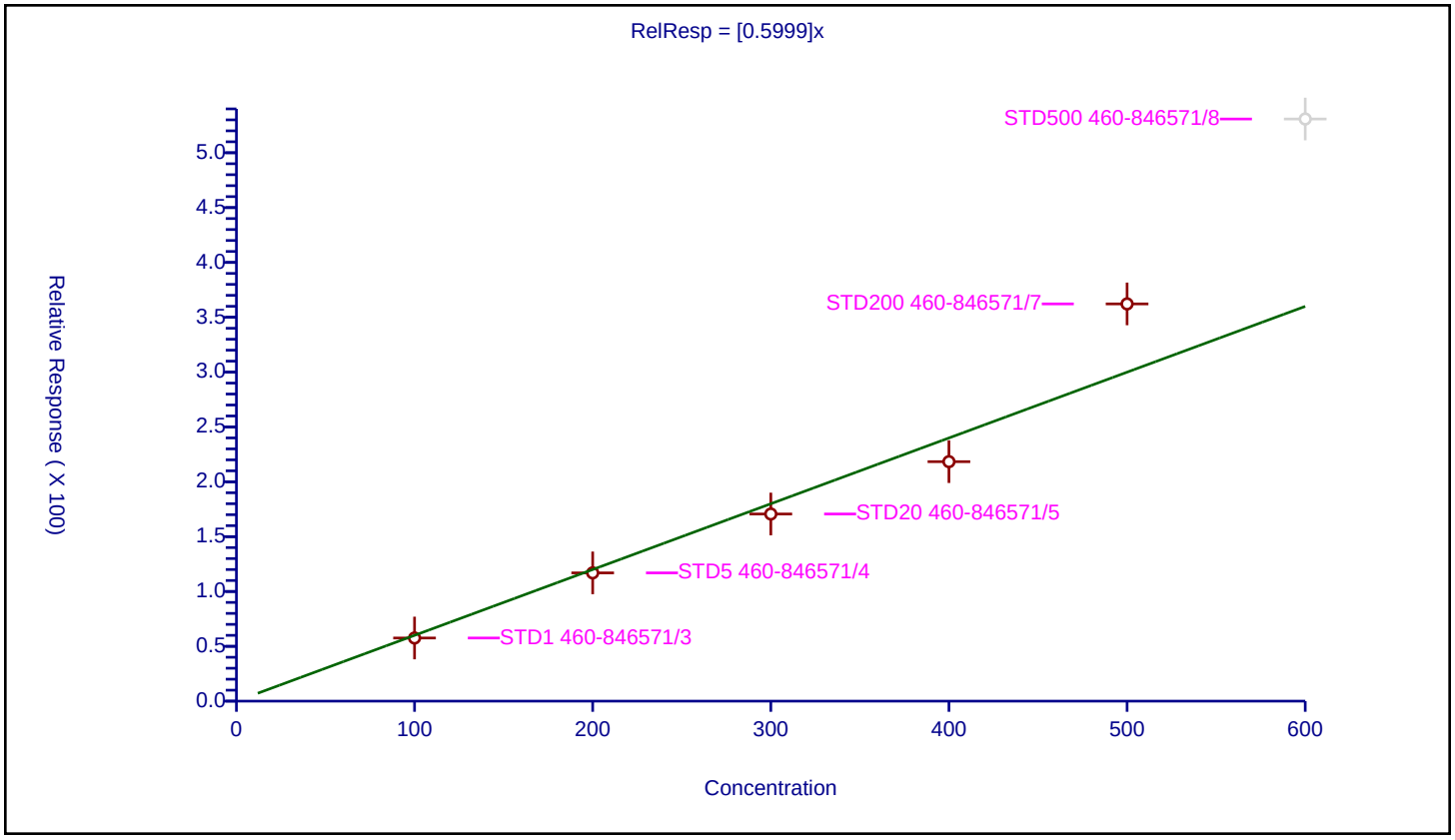
Curve Coefficients

Intercept:	0
Slope:	0.5999

Error Coefficients

Standard Error:	86100
Relative Standard Error:	11.8
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	100.0	57.575818	1000.0	353117.0	0.575758	Y
2	STD5 460-846571/4	200.0	116.936291	1000.0	369774.0	0.584681	Y
3	STD20 460-846571/5	300.0	170.645364	1000.0	352251.0	0.568818	Y
4	STD50 460-846571/6	400.0	218.345329	1000.0	383182.0	0.545863	Y
5	STD200 460-846571/7	500.0	362.196162	1000.0	358662.0	0.724392	Y
6	STD500 460-846571/8	600.0	530.776653	1000.0	308838.0	0.884628	N



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

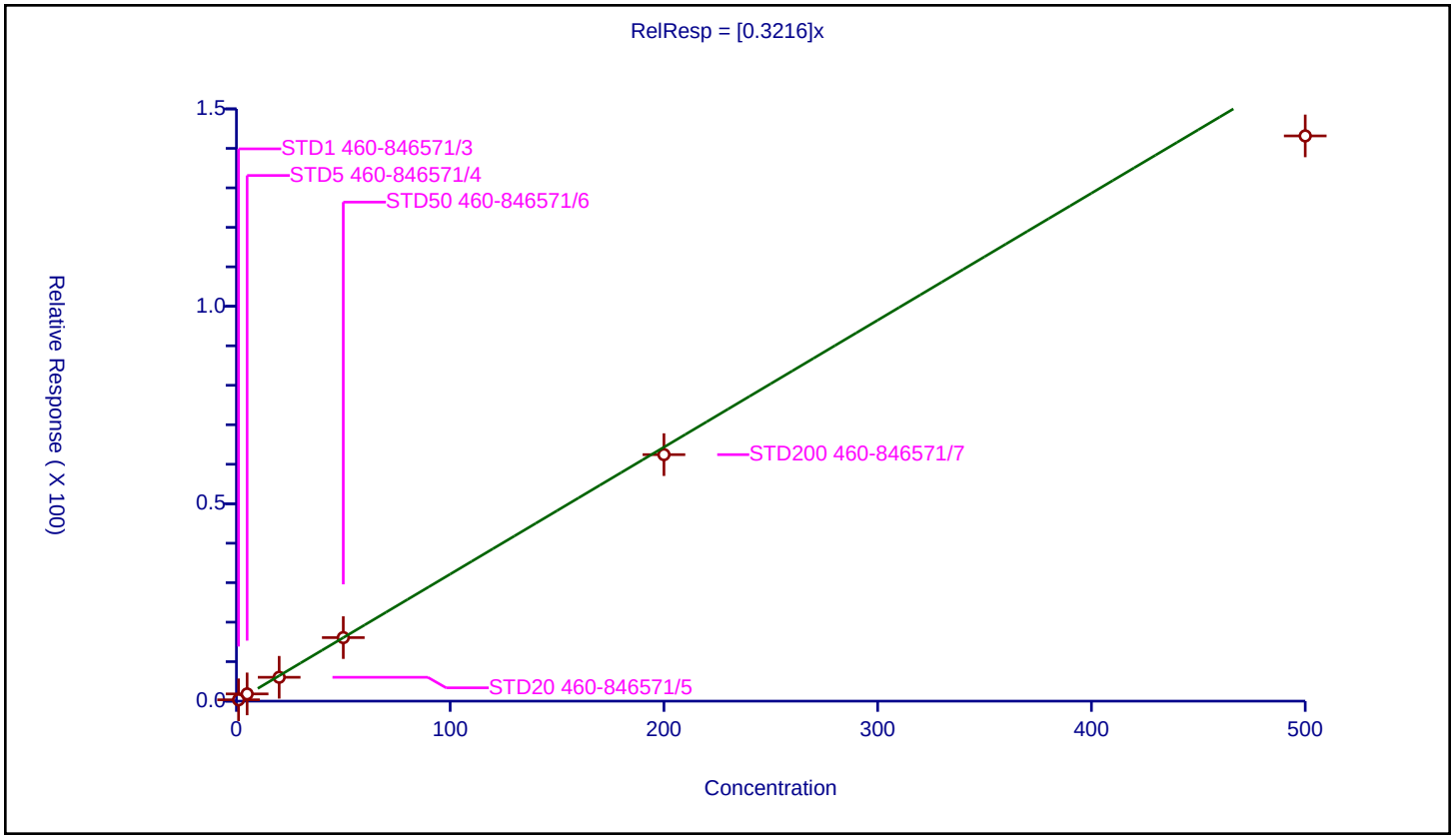
Curve Coefficients

Intercept:	0
Slope:	0.3216

Error Coefficients

Standard Error:	755000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.341287	50.0	459584.0	0.341287	Y
2	STD5 460-846571/4	5.0	1.830348	50.0	480018.0	0.36607	Y
3	STD20 460-846571/5	20.0	6.038562	50.0	468489.0	0.301928	Y
4	STD50 460-846571/6	50.0	16.094077	50.0	501930.0	0.321882	Y
5	STD200 460-846571/7	200.0	62.435865	50.0	526232.0	0.312179	Y
6	STD500 460-846571/8	500.0	143.159336	50.0	540028.0	0.286319	Y



Calibration / Acetone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

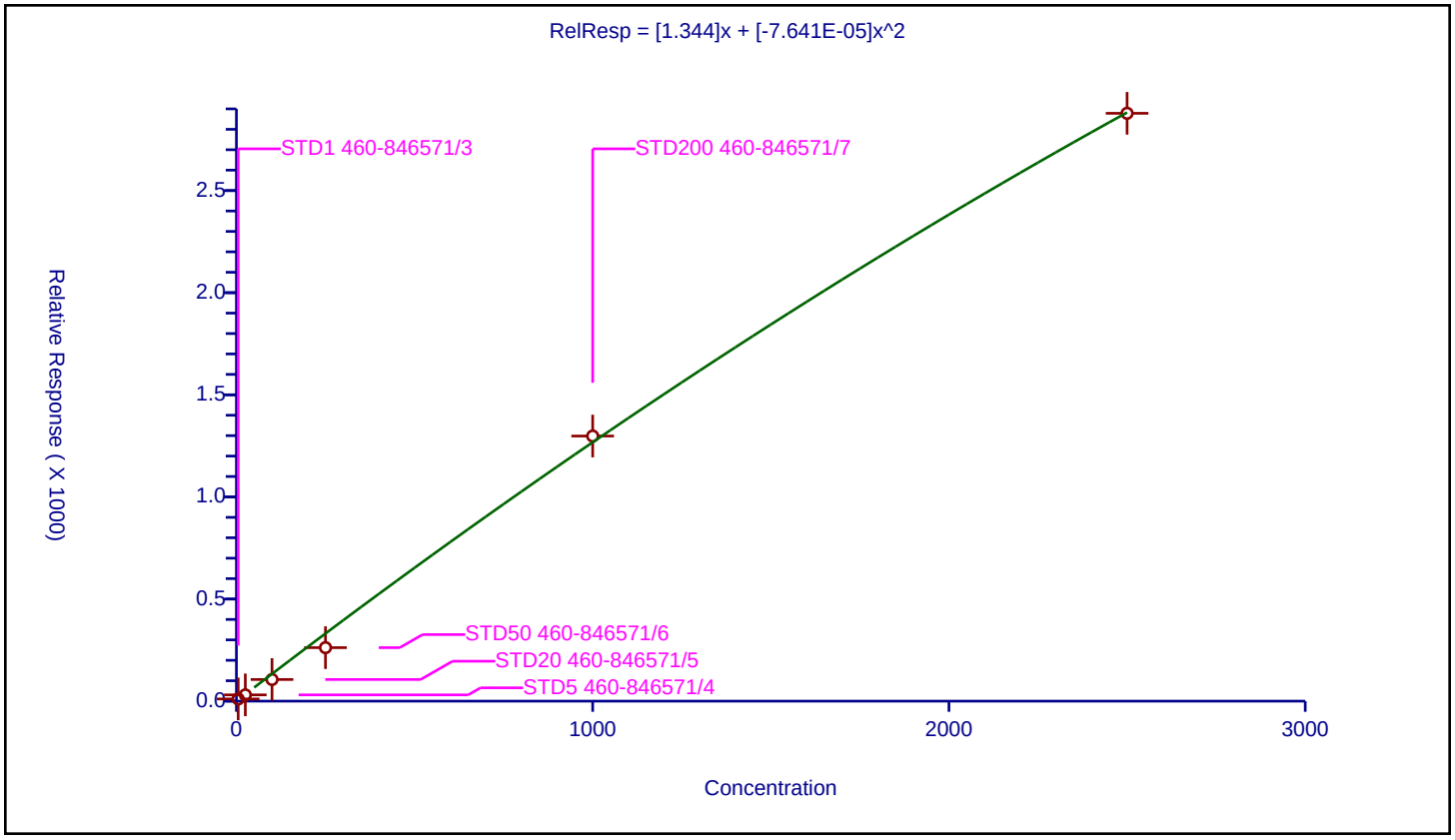
Curve Coefficients

Intercept:	0
Slope:	1.344
Second Order:	-7.641E-05

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	33.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	5.0	10.767358	250.0	207061.0	2.153472	Y
2	STD5 460-846571/4	25.0	30.648556	250.0	219056.0	1.225942	Y
3	STD20 460-846571/5	100.0	105.98668	250.0	209465.0	1.059867	Y
4	STD50 460-846571/6	250.0	261.930799	250.0	225865.0	1.047723	Y
5	STD200 460-846571/7	1000.0	1298.091675	250.0	243119.0	1.298092	Y
6	STD500 460-846571/8	2500.0	2878.313047	250.0	260108.0	1.151325	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

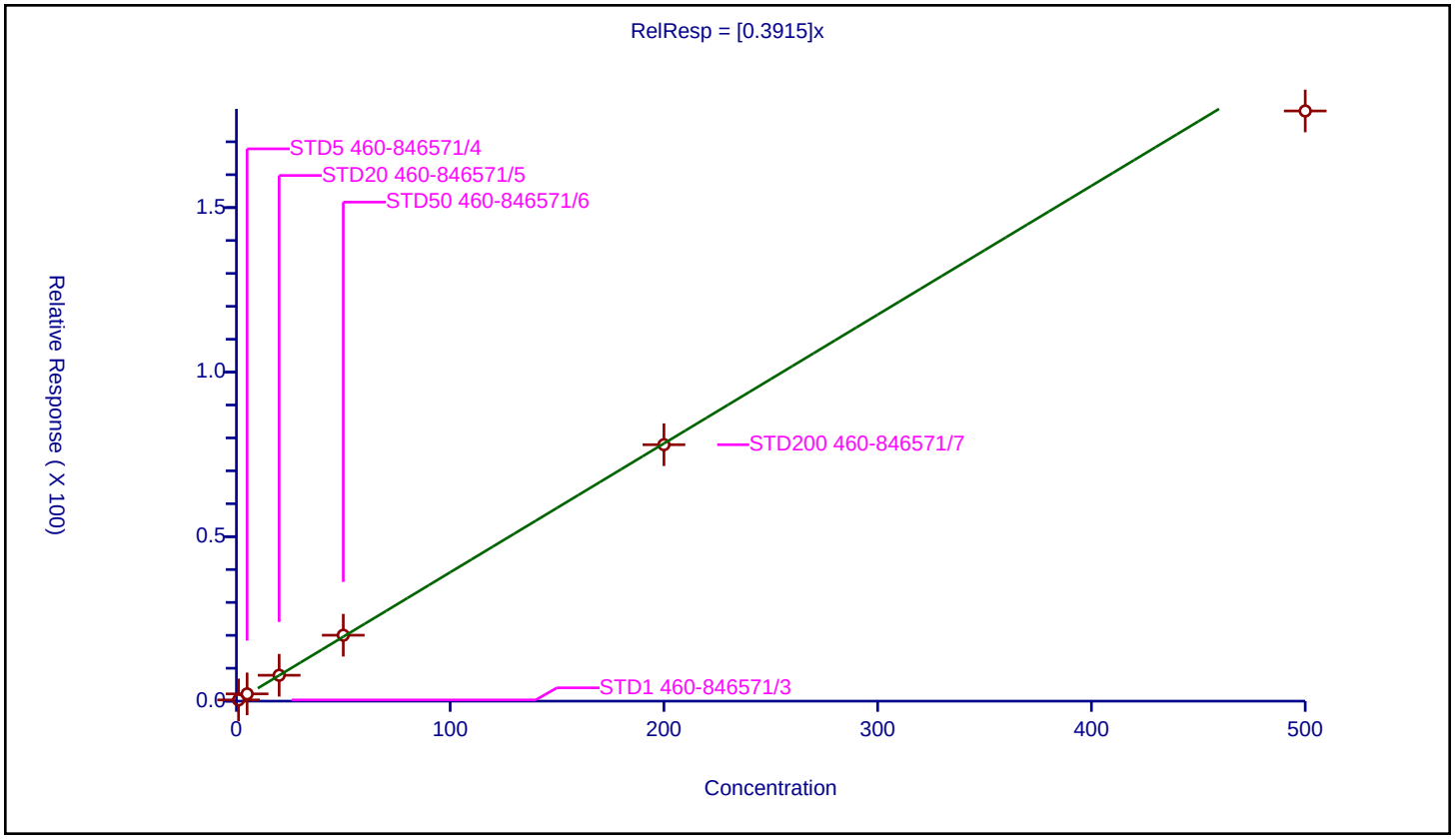
Curve Coefficients

Intercept:	0
Slope:	0.3915

Error Coefficients

Standard Error:	946000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.365548	50.0	459584.0	0.365548	Y
2	STD5 460-846571/4	5.0	2.206584	50.0	480018.0	0.441317	Y
3	STD20 460-846571/5	20.0	7.863899	50.0	468489.0	0.393195	Y
4	STD50 460-846571/6	50.0	20.038551	50.0	501930.0	0.400771	Y
5	STD200 460-846571/7	200.0	77.944139	50.0	526232.0	0.389721	Y
6	STD500 460-846571/8	500.0	179.364866	50.0	540028.0	0.35873	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

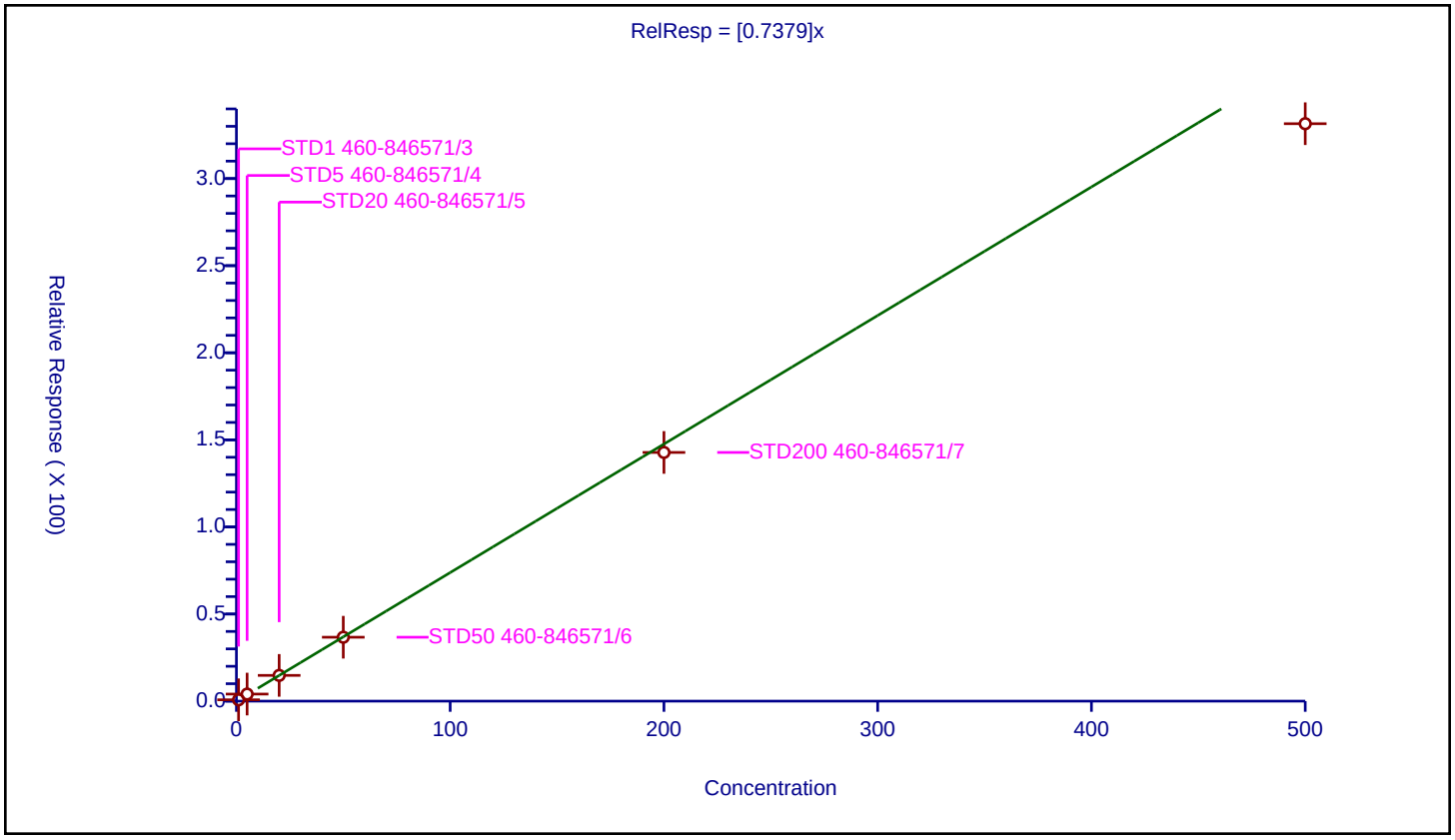
Curve Coefficients

Intercept:	0
Slope:	0.7379

Error Coefficients

Standard Error:	1750000
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	STD1 460-846571/3	1.0	0.768086	50.0	459584.0	0.768086	Y
2	STD5 460-846571/4	5.0	4.052869	50.0	480018.0	0.810574	Y
3	STD20 460-846571/5	20.0	14.770784	50.0	468489.0	0.738539	Y
4	STD50 460-846571/6	50.0	36.681609	50.0	501930.0	0.733632	Y
5	STD200 460-846571/7	200.0	142.766688	50.0	526232.0	0.713833	Y
6	STD500 460-846571/8	500.0	331.505681	50.0	540028.0	0.663011	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

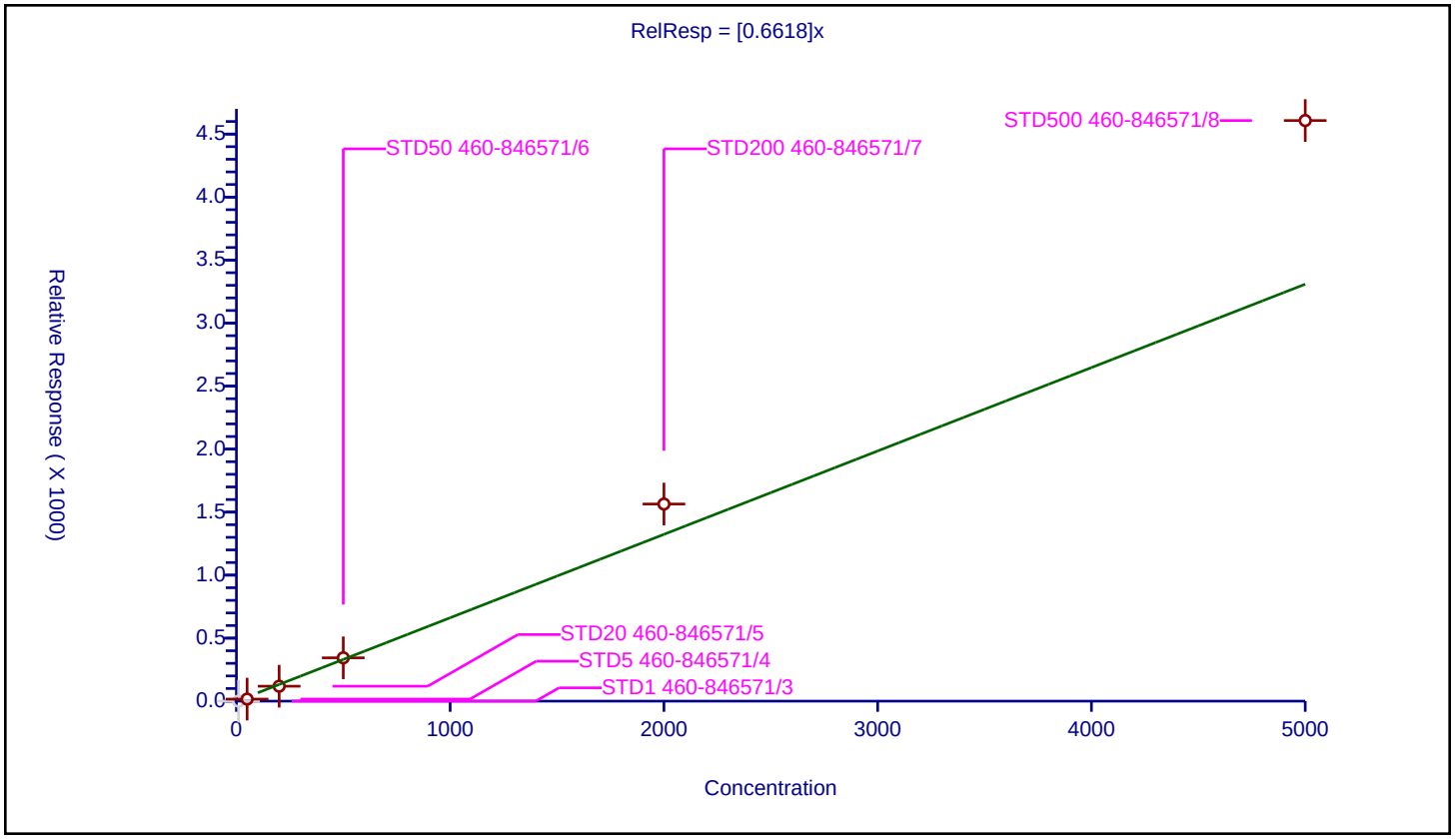
Curve Coefficients

Intercept:	0
Slope:	0.6618

Error Coefficients

Standard Error:	766000
Relative Standard Error:	33.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.904

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	10.0	0.0	1000.0	353117.0	0.0	N
2	STD5 460-846571/4	50.0	16.269397	1000.0	369774.0	0.325388	Y
3	STD20 460-846571/5	200.0	118.4695	1000.0	352251.0	0.592348	Y
4	STD50 460-846571/6	500.0	343.771367	1000.0	383182.0	0.687543	Y
5	STD200 460-846571/7	2000.0	1564.205296	1000.0	358662.0	0.782103	Y
6	STD500 460-846571/8	5000.0	4607.515914	1000.0	308838.0	0.921503	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

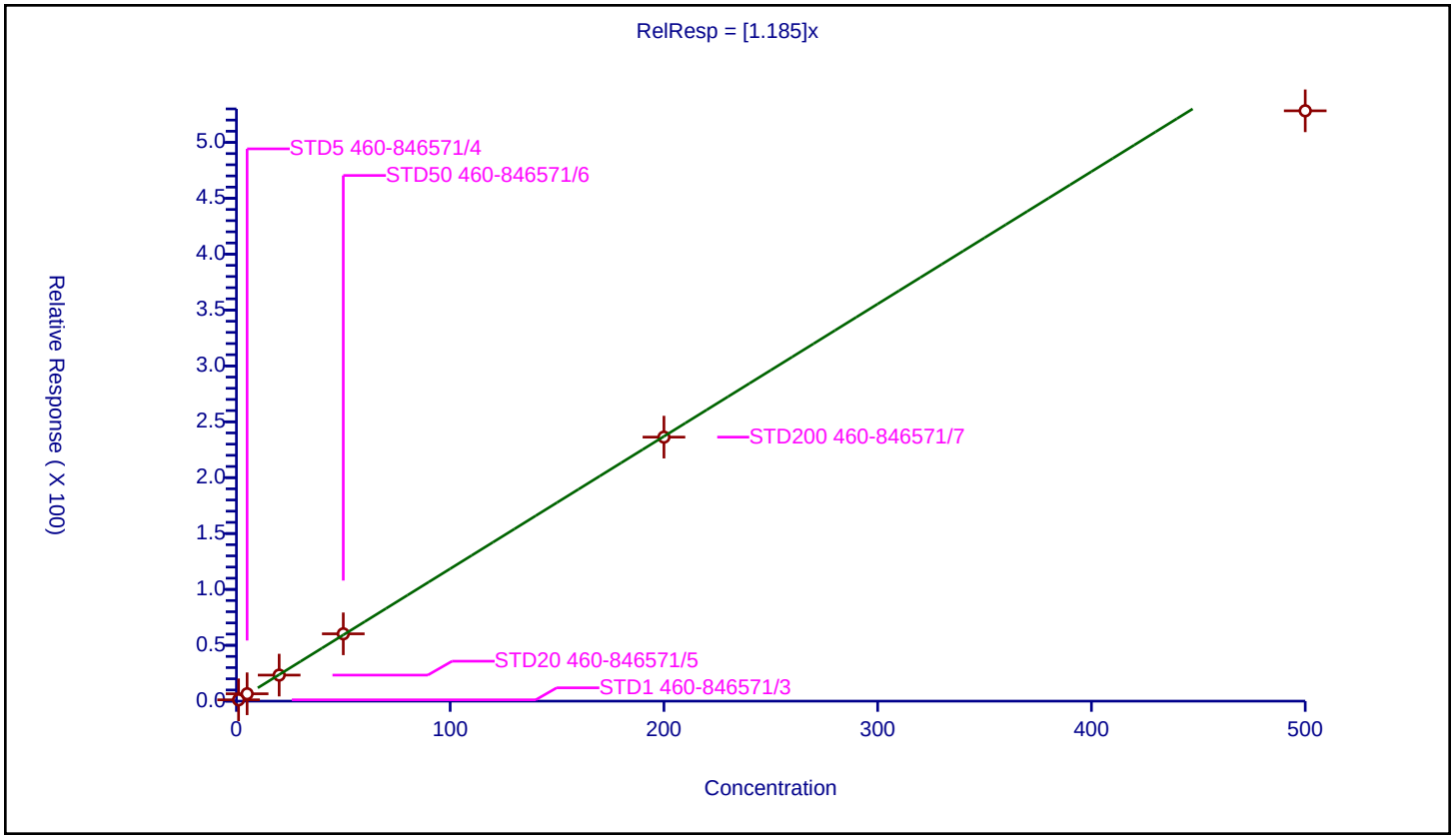
Curve Coefficients

Intercept:	0
Slope:	1.185

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.18455	50.0	459584.0	1.18455	Y
2	STD5 460-846571/4	5.0	6.578399	50.0	480018.0	1.31568	Y
3	STD20 460-846571/5	20.0	23.309512	50.0	468489.0	1.165476	Y
4	STD50 460-846571/6	50.0	60.245652	50.0	501930.0	1.204913	Y
5	STD200 460-846571/7	200.0	236.271549	50.0	526232.0	1.181358	Y
6	STD500 460-846571/8	500.0	528.282608	50.0	540028.0	1.056565	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

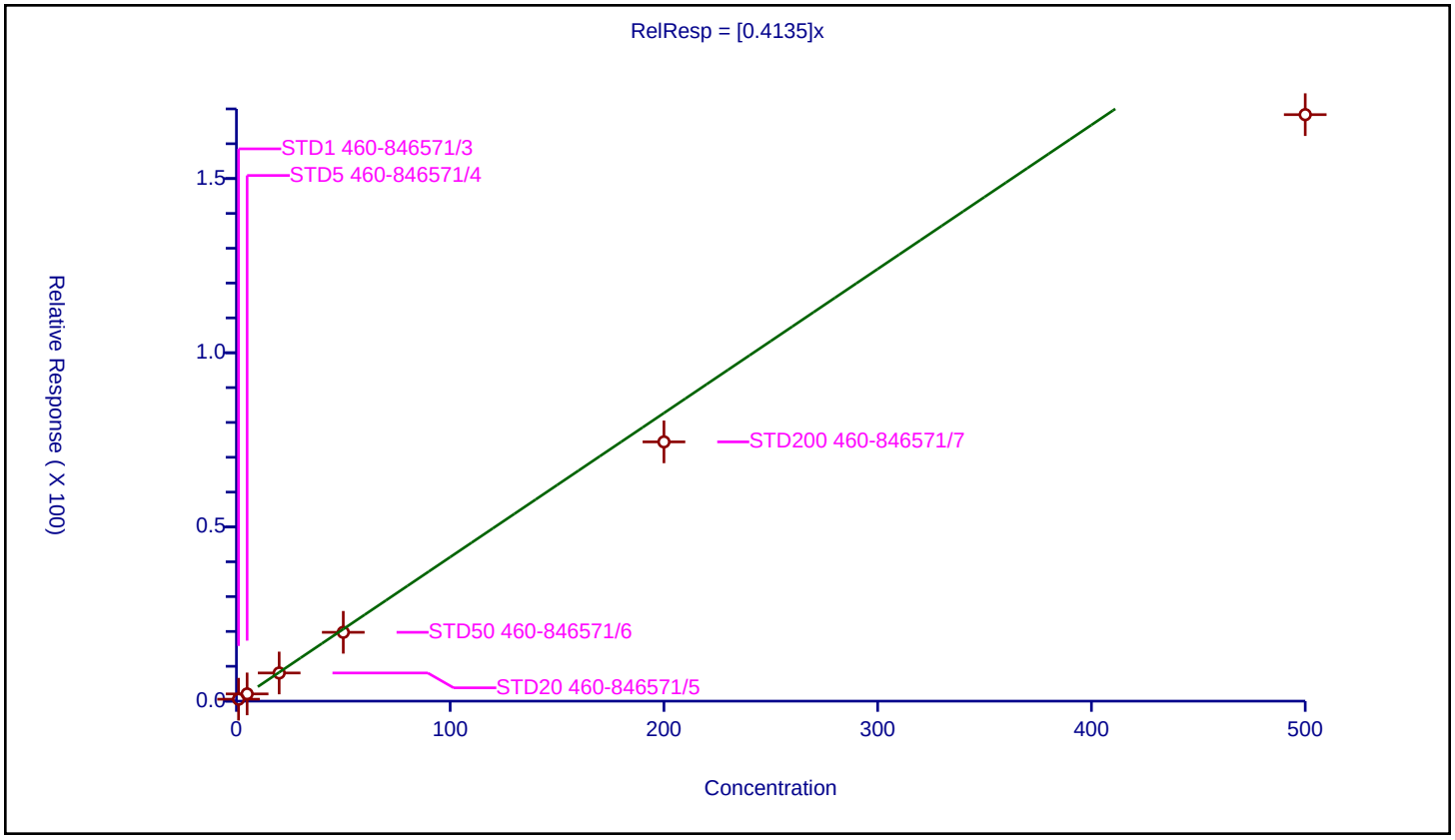
Curve Coefficients

Intercept:	0
Slope:	0.4135

Error Coefficients

Standard Error:	890000
Relative Standard Error:	18.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.556917	50.0	459584.0	0.556917	Y
2	STD5 460-846571/4	5.0	2.079089	50.0	480018.0	0.415818	Y
3	STD20 460-846571/5	20.0	8.08162	50.0	468489.0	0.404081	Y
4	STD50 460-846571/6	50.0	19.760624	50.0	501930.0	0.395212	Y
5	STD200 460-846571/7	200.0	74.417272	50.0	526232.0	0.372086	Y
6	STD500 460-846571/8	500.0	168.351085	50.0	540028.0	0.336702	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

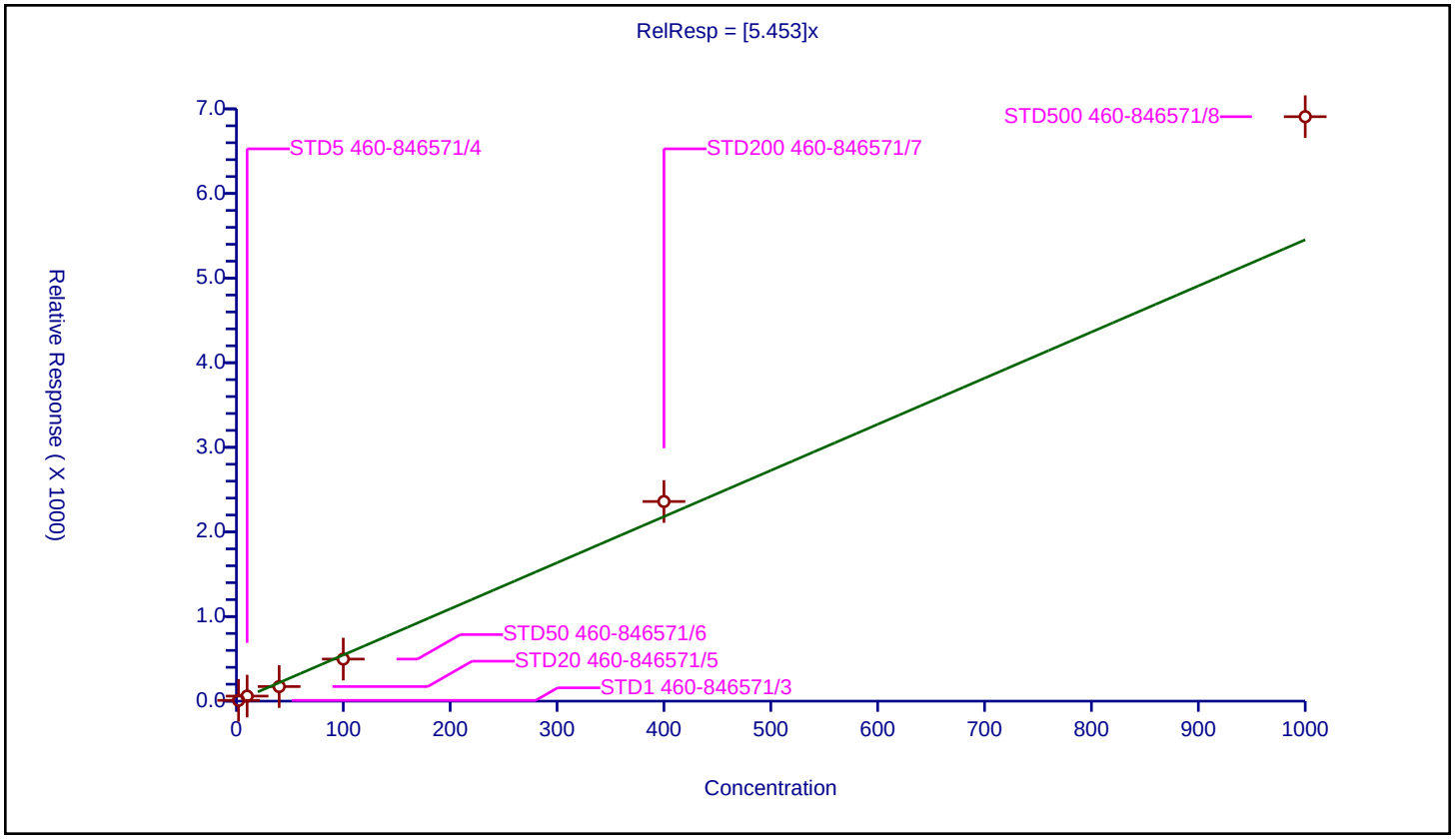
Curve Coefficients

Intercept:	0
Slope:	5.453

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	17.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	2.0	9.325521	1000.0	353117.0	4.662761	Y
2	STD5 460-846571/4	10.0	59.722966	1000.0	369774.0	5.972297	Y
3	STD20 460-846571/5	40.0	172.218106	1000.0	352251.0	4.305453	Y
4	STD50 460-846571/6	100.0	497.137131	1000.0	383182.0	4.971371	Y
5	STD200 460-846571/7	400.0	2359.430327	1000.0	358662.0	5.898576	Y
6	STD500 460-846571/8	1000.0	6907.666803	1000.0	308838.0	6.907667	Y



Calibration / Acetonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

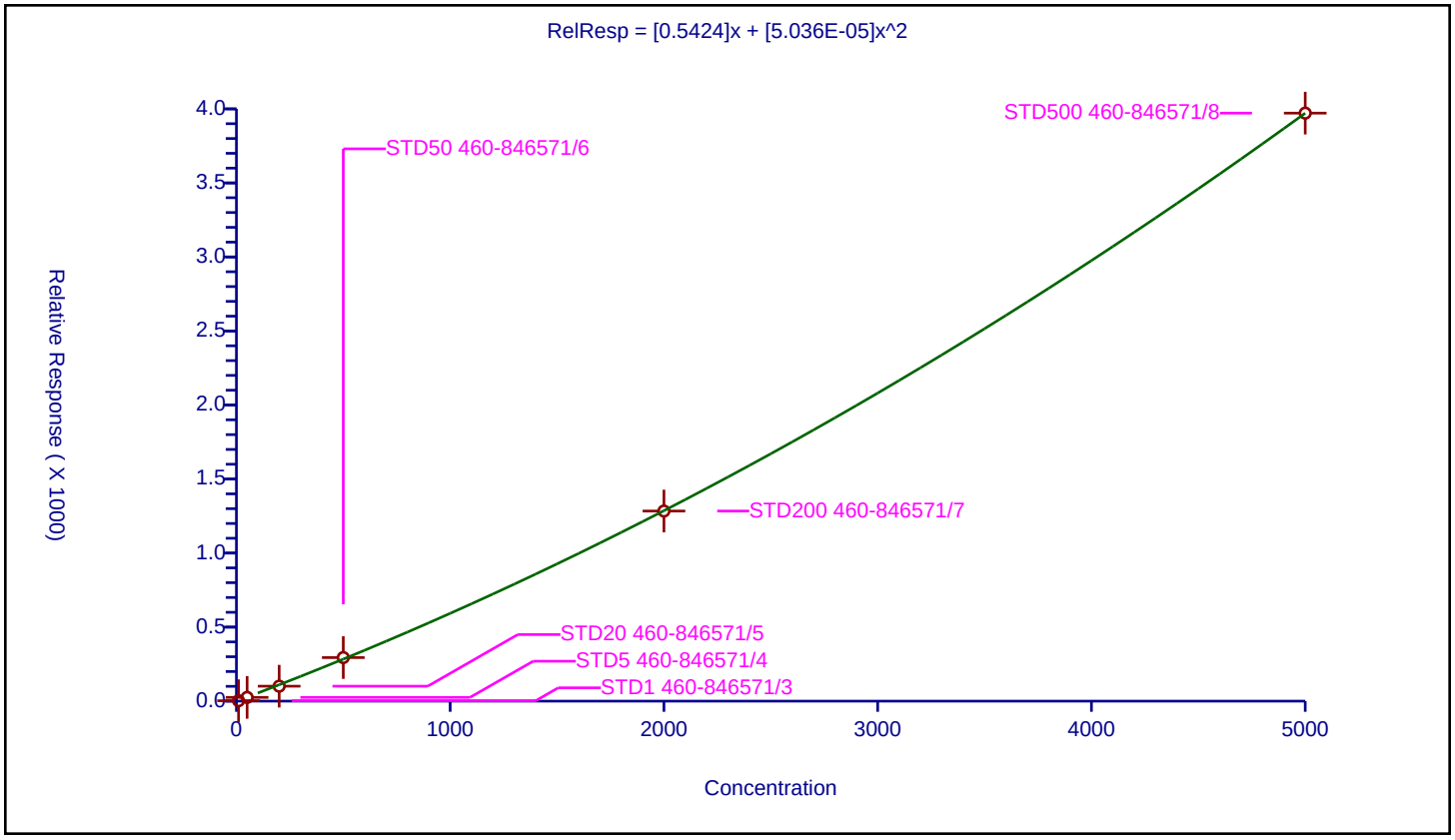
Curve Coefficients

Intercept:	0
Slope:	0.5424
Second Order:	5.036E-05

Error Coefficients

Standard Error:	656000
Relative Standard Error:	24.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	10.0	2.863074	1000.0	353117.0	0.286307	Y
2	STD5 460-846571/4	50.0	25.234332	1000.0	369774.0	0.504687	Y
3	STD20 460-846571/5	200.0	101.087009	1000.0	352251.0	0.505435	Y
4	STD50 460-846571/6	500.0	294.283134	1000.0	383182.0	0.588566	Y
5	STD200 460-846571/7	2000.0	1283.999978	1000.0	358662.0	0.642	Y
6	STD500 460-846571/8	5000.0	3971.402483	1000.0	308838.0	0.79428	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

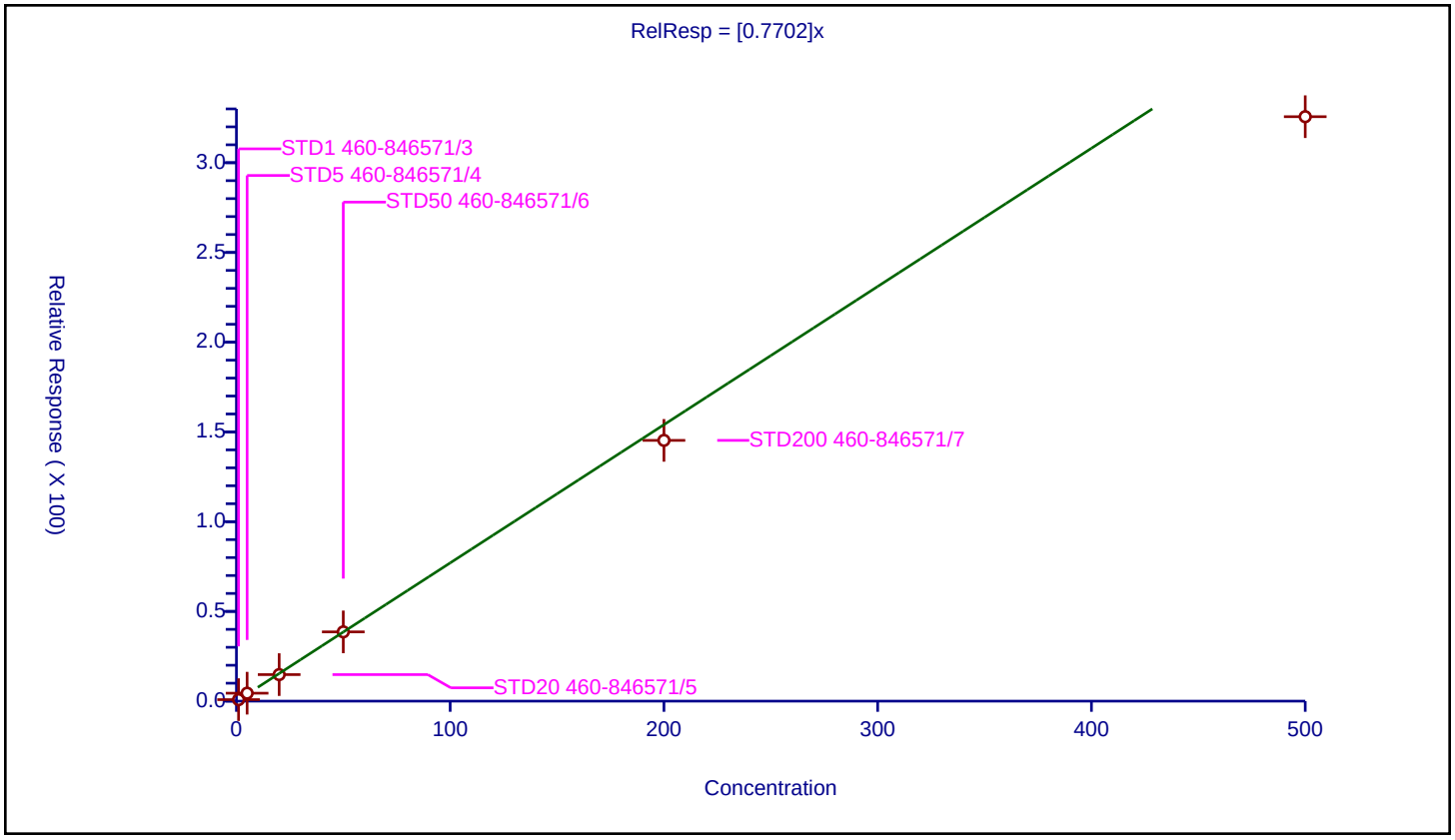
Curve Coefficients

Intercept:	0
Slope:	0.7702

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.845547	50.0	459584.0	0.845547	Y
2	STD5 460-846571/4	5.0	4.432334	50.0	480018.0	0.886467	Y
3	STD20 460-846571/5	20.0	14.786153	50.0	468489.0	0.739308	Y
4	STD50 460-846571/6	50.0	38.59323	50.0	501930.0	0.771865	Y
5	STD200 460-846571/7	200.0	145.290195	50.0	526232.0	0.726451	Y
6	STD500 460-846571/8	500.0	325.650059	50.0	540028.0	0.6513	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

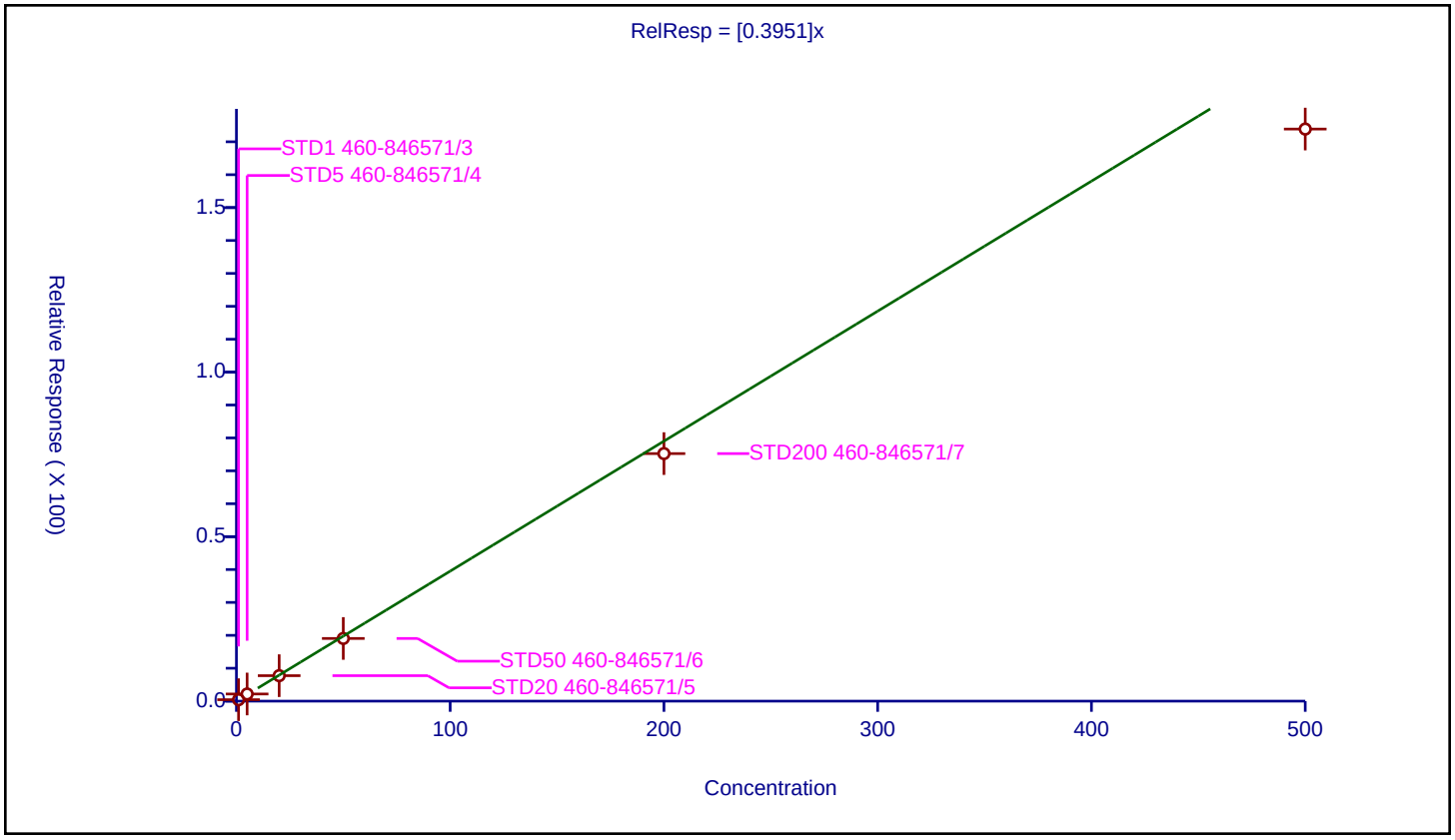
Curve Coefficients

Intercept:	0
Slope:	0.3951

Error Coefficients

Standard Error:	916000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.443553	50.0	459584.0	0.443553	Y
2	STD5 460-846571/4	5.0	2.175335	50.0	480018.0	0.435067	Y
3	STD20 460-846571/5	20.0	7.740523	50.0	468489.0	0.387026	Y
4	STD50 460-846571/6	50.0	19.051959	50.0	501930.0	0.381039	Y
5	STD200 460-846571/7	200.0	75.237823	50.0	526232.0	0.376189	Y
6	STD500 460-846571/8	500.0	173.868577	50.0	540028.0	0.347737	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

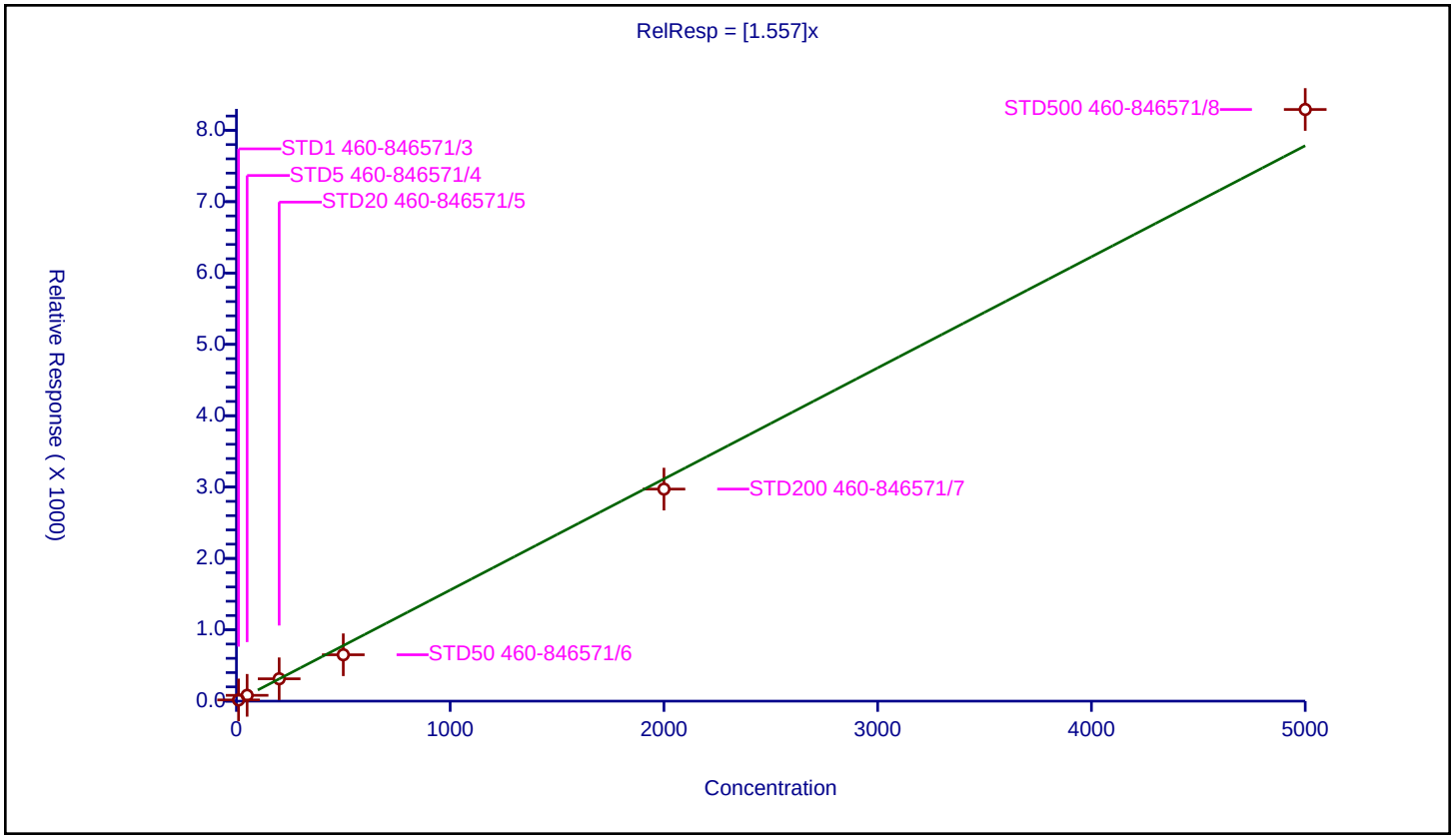
Curve Coefficients

Intercept:	0
Slope:	1.557

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	10.0	16.988703	1000.0	353117.0	1.69887	Y
2	STD5 460-846571/4	50.0	81.55522	1000.0	369774.0	1.631104	Y
3	STD20 460-846571/5	200.0	313.373134	1000.0	352251.0	1.566866	Y
4	STD50 460-846571/6	500.0	649.902657	1000.0	383182.0	1.299805	Y
5	STD200 460-846571/7	2000.0	2971.580485	1000.0	358662.0	1.48579	Y
6	STD500 460-846571/8	5000.0	8291.855277	1000.0	308838.0	1.658371	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

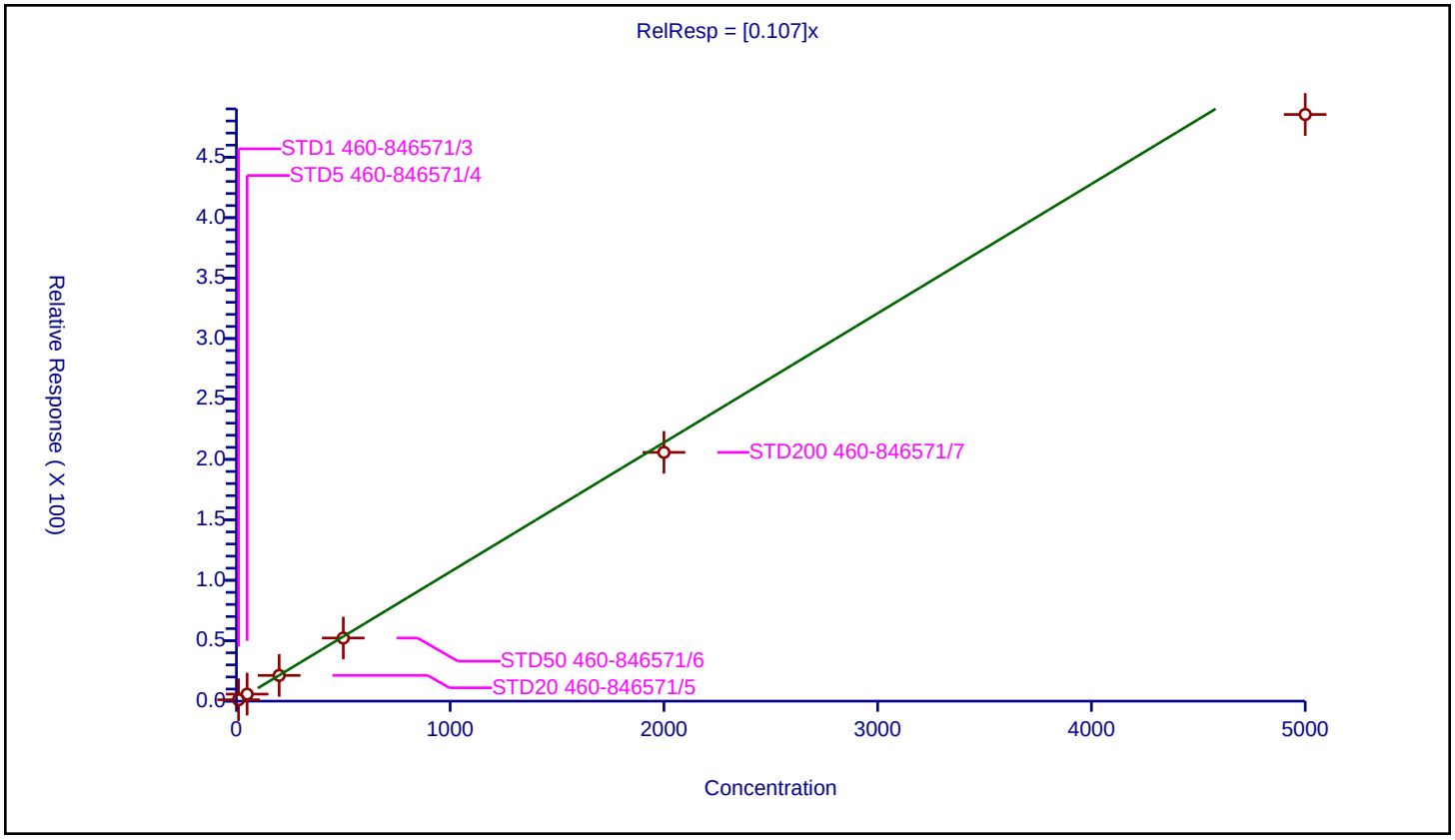
Curve Coefficients

Intercept:	0
Slope:	0.107

Error Coefficients

Standard Error:	2550000
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	STD1 460-846571/3	10.0	1.1493	50.0	459584.0	0.11493	Y
2	STD5 460-846571/4	50.0	5.801449	50.0	480018.0	0.116029	Y
3	STD20 460-846571/5	200.0	21.286306	50.0	468489.0	0.106432	Y
4	STD50 460-846571/6	500.0	52.204491	50.0	501930.0	0.104409	Y
5	STD200 460-846571/7	2000.0	205.827848	50.0	526232.0	0.102914	Y
6	STD500 460-846571/8	5000.0	485.375758	50.0	540028.0	0.097075	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

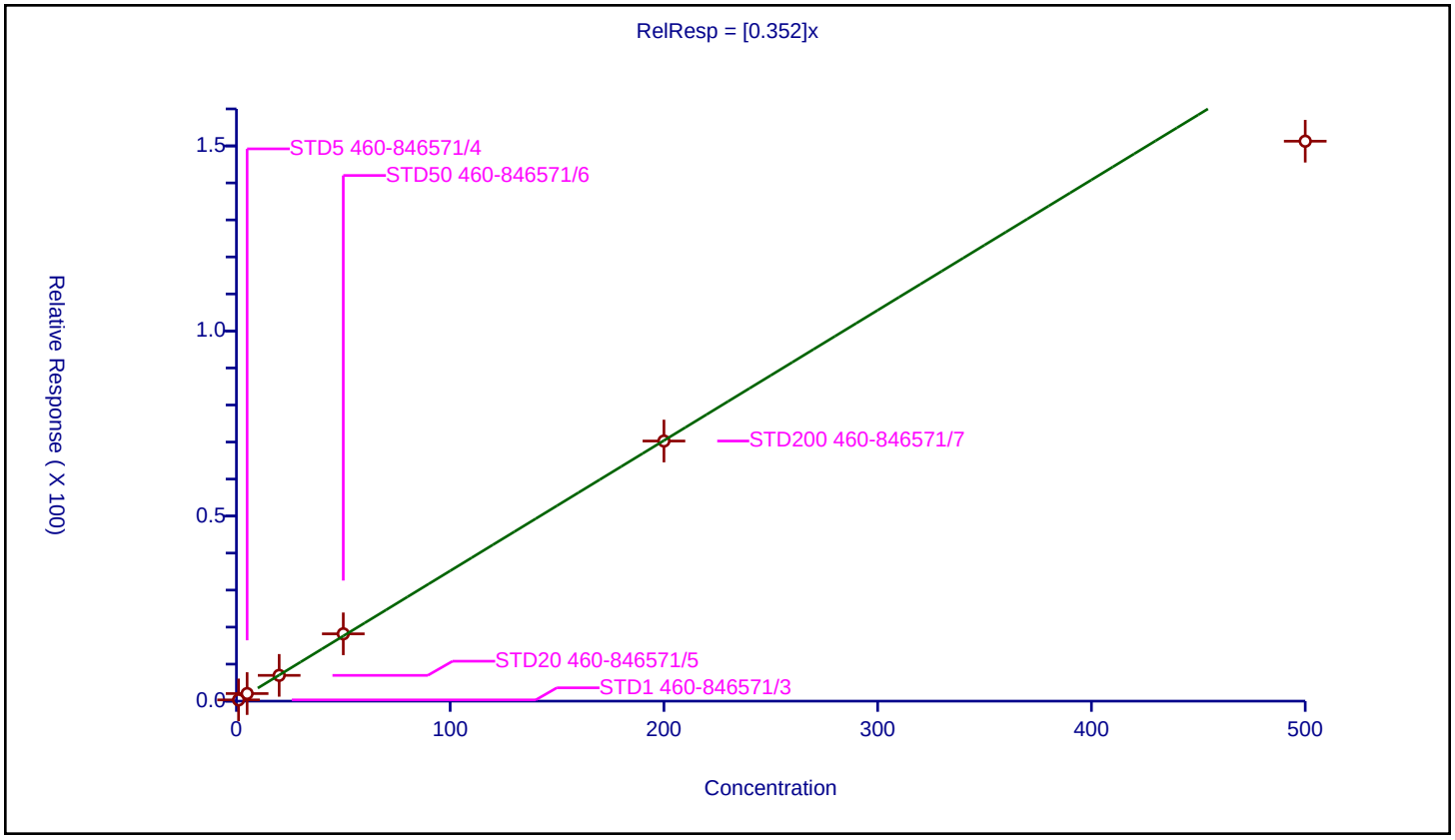
Curve Coefficients

Intercept:	0
Slope:	0.352

Error Coefficients

Standard Error:	807000
Relative Standard Error:	9.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.337588	50.0	459584.0	0.337588	Y
2	STD5 460-846571/4	5.0	2.044819	50.0	480018.0	0.408964	Y
3	STD20 460-846571/5	20.0	6.959929	50.0	468489.0	0.347996	Y
4	STD50 460-846571/6	50.0	18.189887	50.0	501930.0	0.363798	Y
5	STD200 460-846571/7	200.0	70.276133	50.0	526232.0	0.351381	Y
6	STD500 460-846571/8	500.0	151.270027	50.0	540028.0	0.30254	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

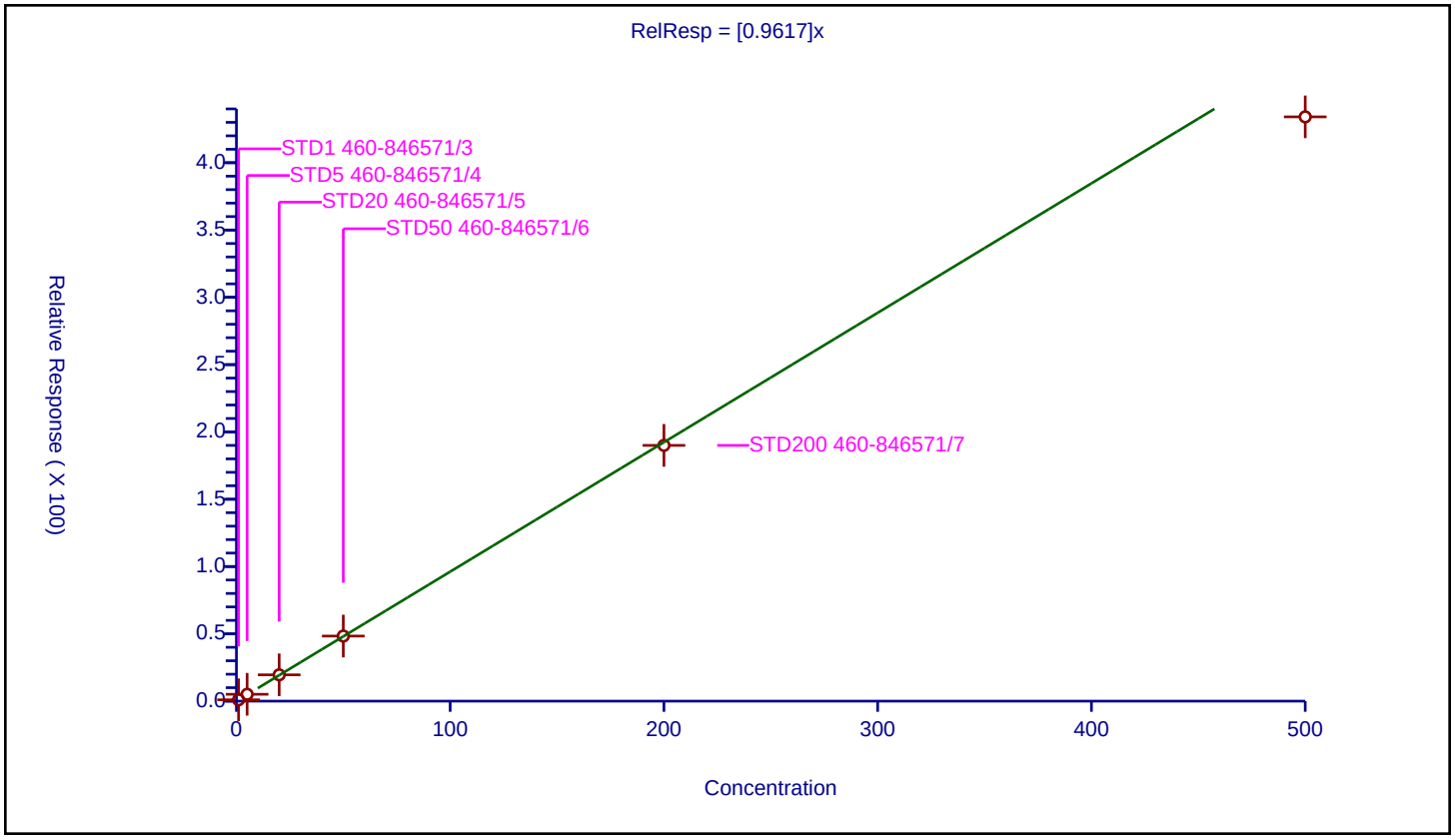
Curve Coefficients

Intercept:	0
Slope:	0.9617

Error Coefficients

Standard Error:	2290000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.990135	50.0	459584.0	0.990135	Y
2	STD5 460-846571/4	5.0	5.088351	50.0	480018.0	1.01767	Y
3	STD20 460-846571/5	20.0	19.541334	50.0	468489.0	0.977067	Y
4	STD50 460-846571/6	50.0	48.35754	50.0	501930.0	0.967151	Y
5	STD200 460-846571/7	200.0	190.010395	50.0	526232.0	0.950052	Y
6	STD500 460-846571/8	500.0	434.077307	50.0	540028.0	0.868155	Y



Calibration / Hexane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

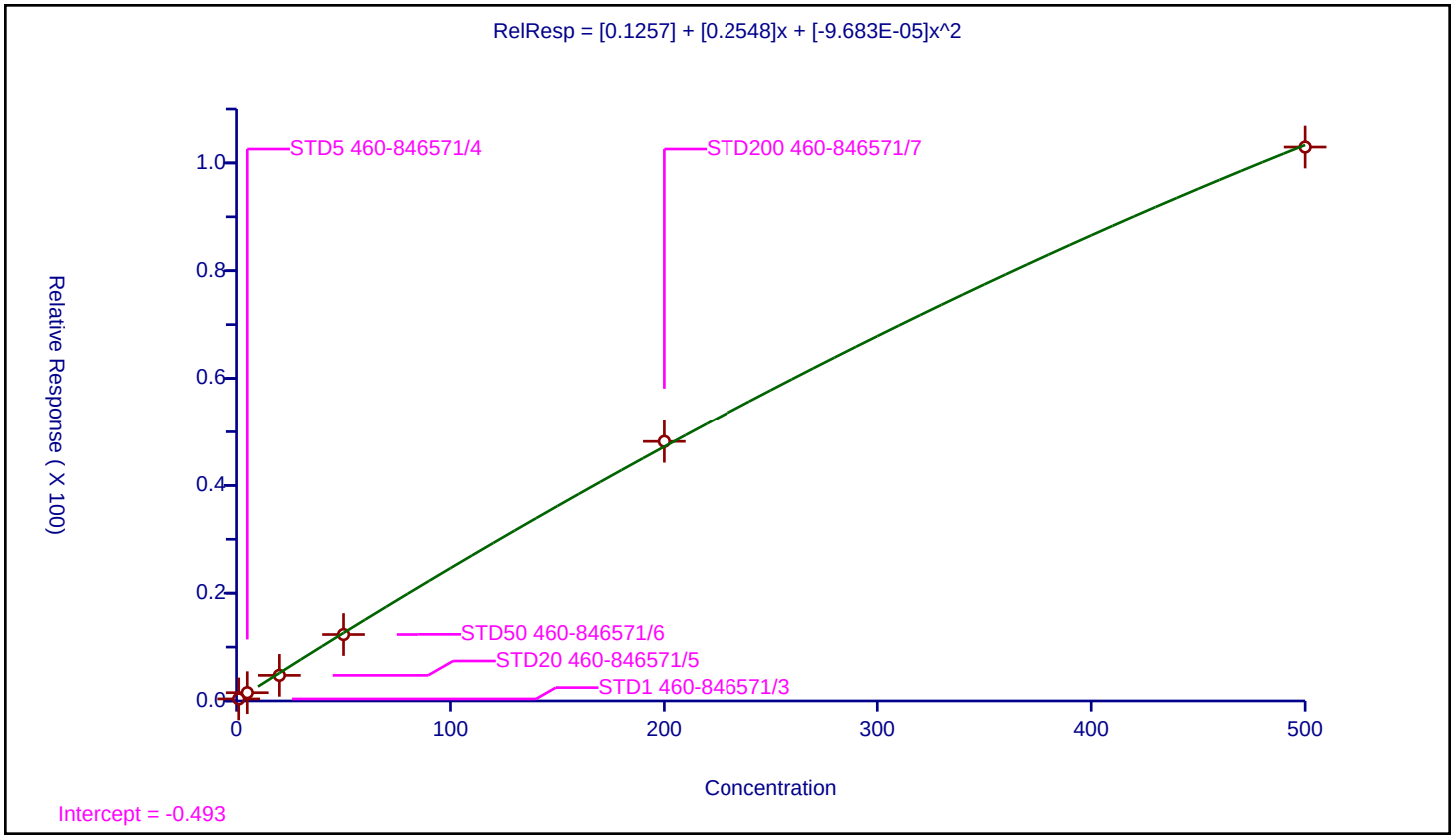
Curve Coefficients

Intercept:	0.1257
Slope:	0.2548
Second Order:	-9.683E-05

Error Coefficients

Standard Error:	710000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.375992	50.0	459584.0	0.375992	Y
2	STD5 460-846571/4	5.0	1.536713	50.0	480018.0	0.307343	Y
3	STD20 460-846571/5	20.0	4.750592	50.0	468489.0	0.23753	Y
4	STD50 460-846571/6	50.0	12.327615	50.0	501930.0	0.246552	Y
5	STD200 460-846571/7	200.0	48.194047	50.0	526232.0	0.24097	Y
6	STD500 460-846571/8	500.0	102.951977	50.0	540028.0	0.205904	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

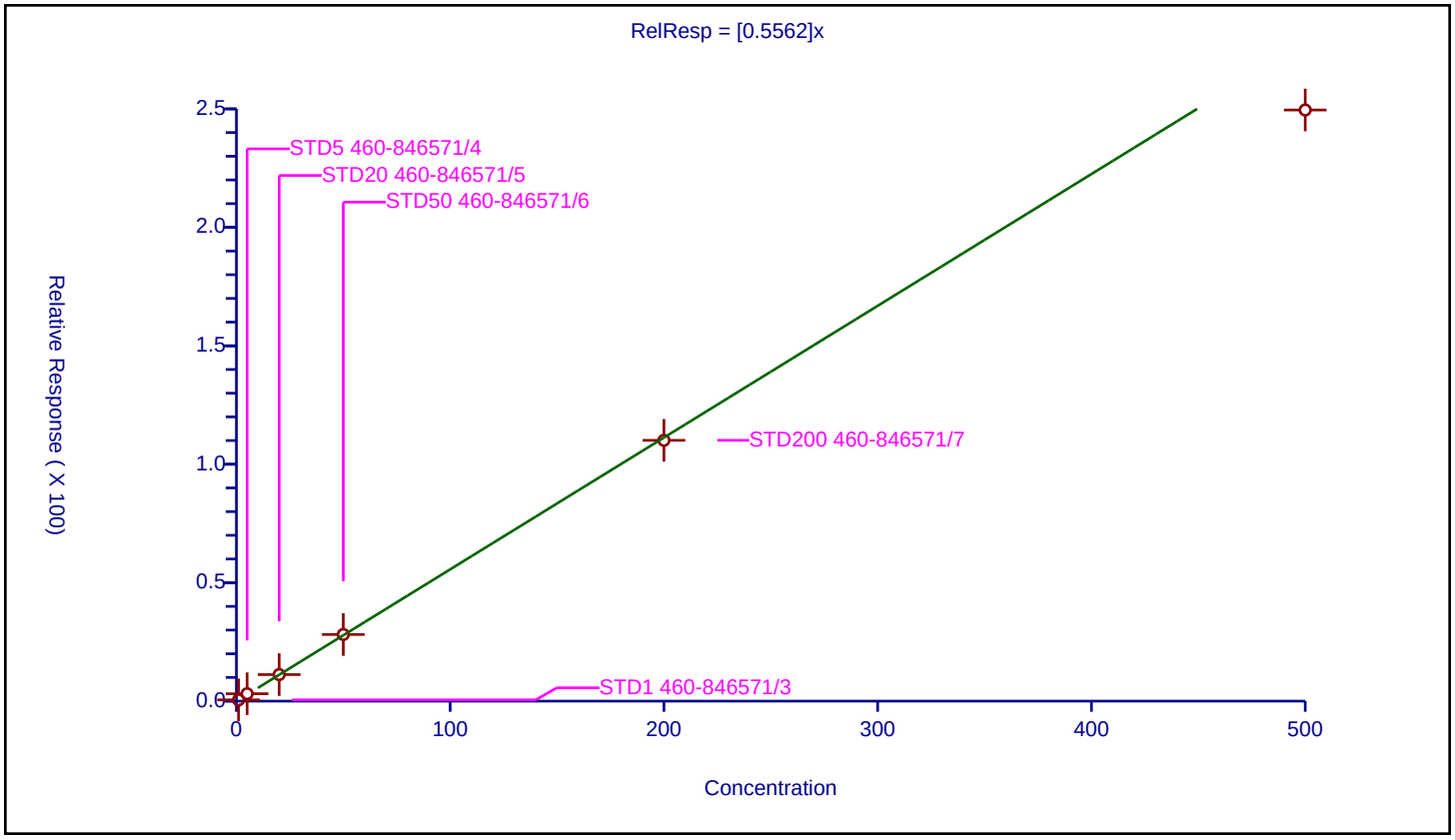
Curve Coefficients

Intercept:	0
Slope:	0.5562

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.53951	50.0	459584.0	0.53951	Y
2	STD5 460-846571/4	5.0	3.128216	50.0	480018.0	0.625643	Y
3	STD20 460-846571/5	20.0	11.20037	50.0	468489.0	0.560018	Y
4	STD50 460-846571/6	50.0	28.136194	50.0	501930.0	0.562724	Y
5	STD200 460-846571/7	200.0	110.098493	50.0	526232.0	0.550492	Y
6	STD500 460-846571/8	500.0	249.527339	50.0	540028.0	0.499055	Y



Calibration / Vinyl acetate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

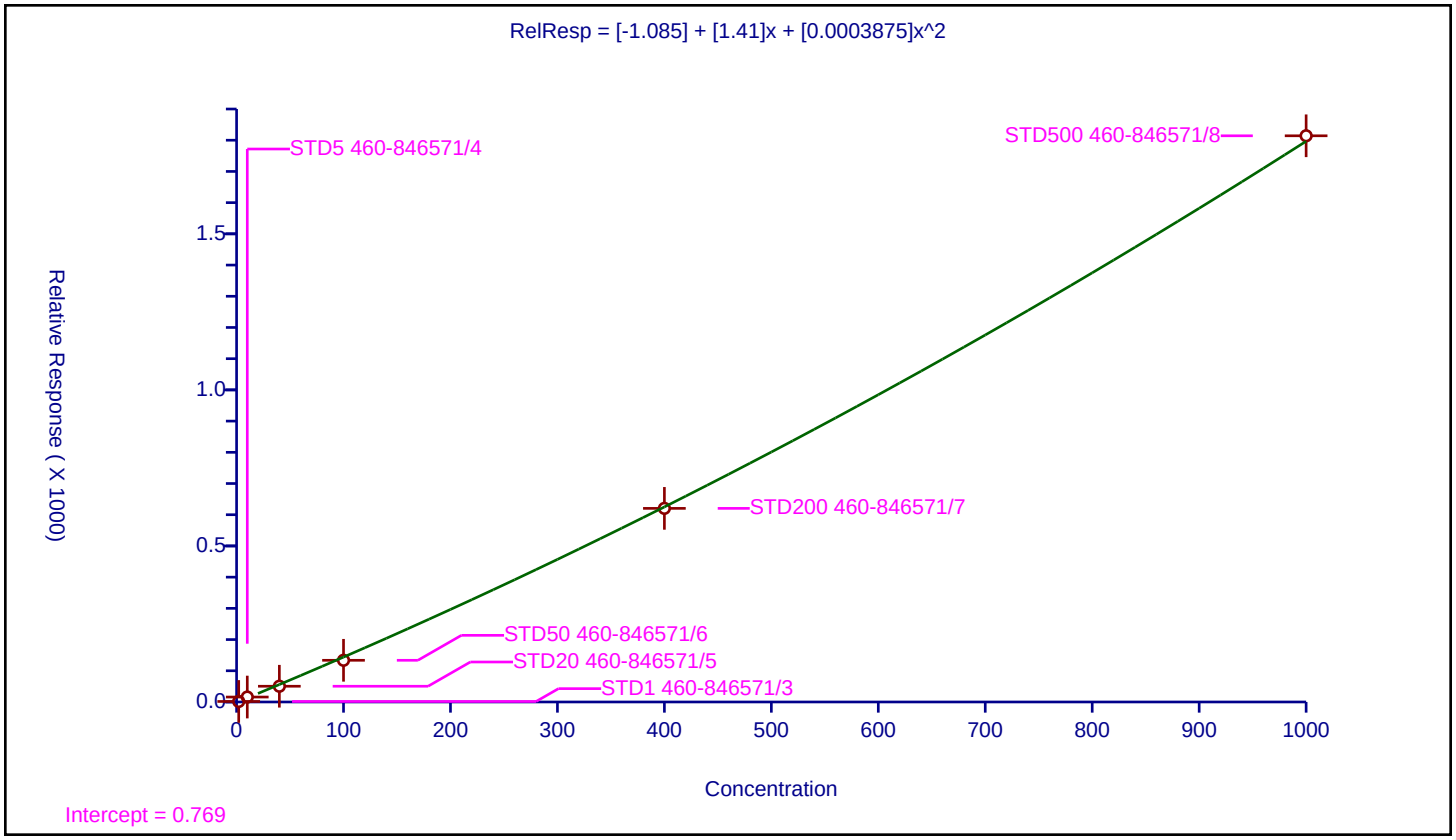
Curve Coefficients

Intercept:	-1.085
Slope:	1.41
Second Order:	0.0003875

Error Coefficients

Standard Error:	348000
Relative Standard Error:	13.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	2.0	1.642515	1000.0	353117.0	0.821258	Y
2	STD5 460-846571/4	10.0	15.861039	1000.0	369774.0	1.586104	Y
3	STD20 460-846571/5	40.0	50.441305	1000.0	352251.0	1.261033	Y
4	STD50 460-846571/6	100.0	133.623187	1000.0	383182.0	1.336232	Y
5	STD200 460-846571/7	400.0	620.375172	1000.0	358662.0	1.550938	Y
6	STD500 460-846571/8	1000.0	1814.248894	1000.0	308838.0	1.814249	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

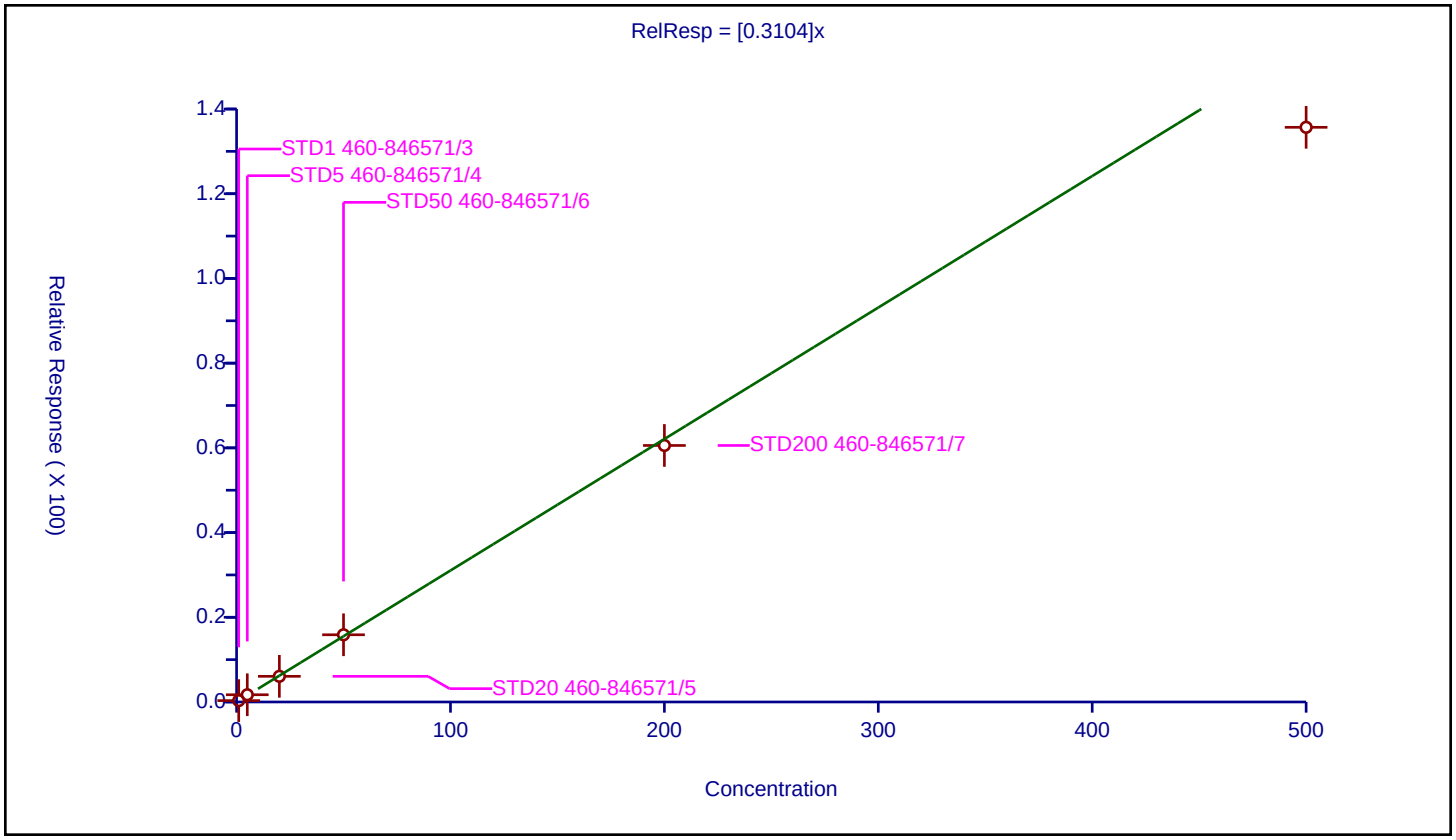
Curve Coefficients

Intercept:	0
Slope:	0.3104

Error Coefficients

Standard Error:	719000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.325838	50.0	459584.0	0.325838	Y
2	STD5 460-846571/4	5.0	1.711082	50.0	480018.0	0.342216	Y
3	STD20 460-846571/5	20.0	6.059587	50.0	468489.0	0.302979	Y
4	STD50 460-846571/6	50.0	15.867053	50.0	501930.0	0.317341	Y
5	STD200 460-846571/7	200.0	60.561026	50.0	526232.0	0.302805	Y
6	STD500 460-846571/8	500.0	135.681298	50.0	540028.0	0.271363	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

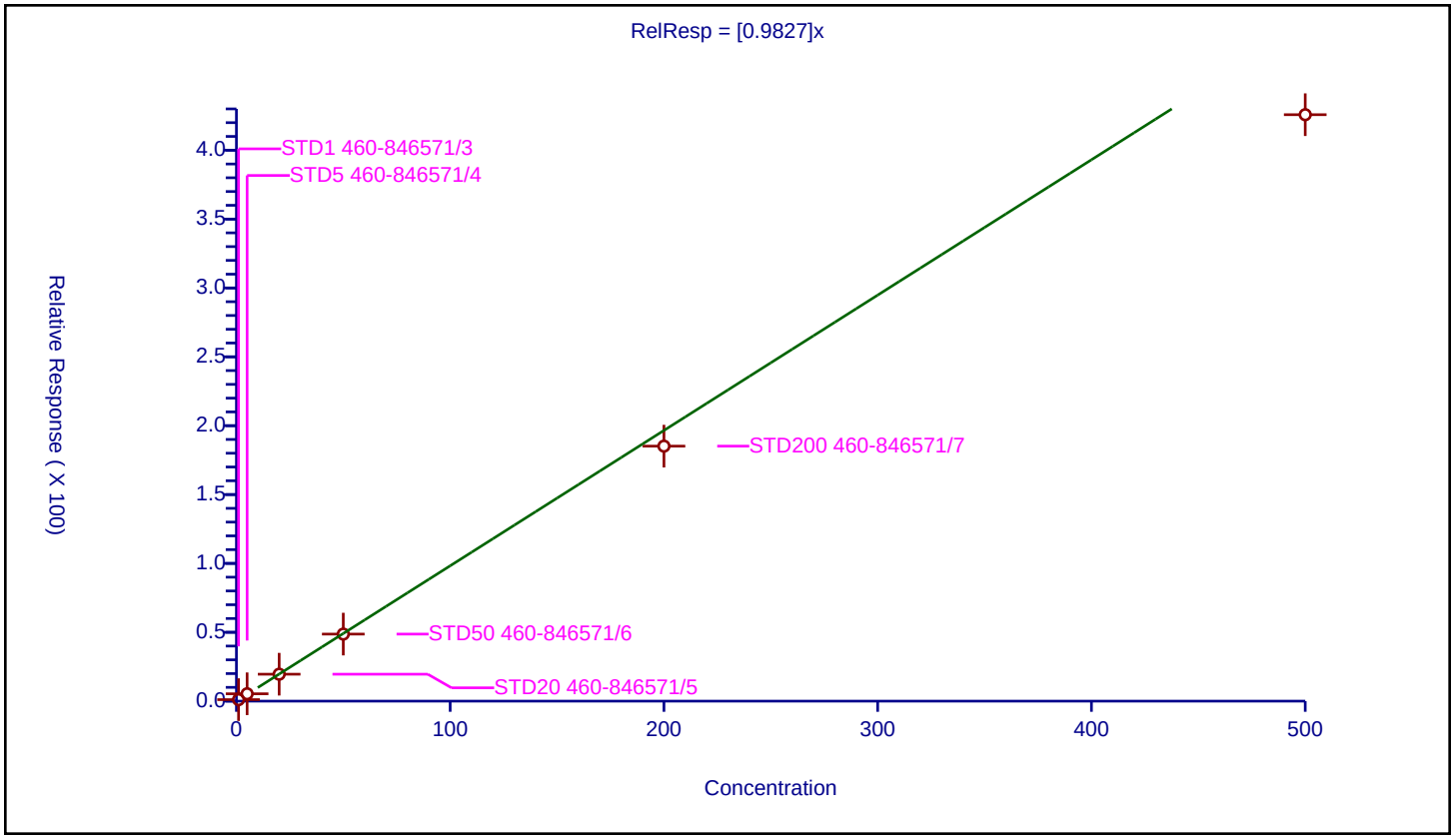
Curve Coefficients

Intercept:	0
Slope:	0.9827

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.098167	50.0	459584.0	1.098167	Y
2	STD5 460-846571/4	5.0	5.346154	50.0	480018.0	1.069231	Y
3	STD20 460-846571/5	20.0	19.552327	50.0	468489.0	0.977616	Y
4	STD50 460-846571/6	50.0	48.685175	50.0	501930.0	0.973704	Y
5	STD200 460-846571/7	200.0	185.1422	50.0	526232.0	0.925711	Y
6	STD500 460-846571/8	500.0	425.792366	50.0	540028.0	0.851585	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

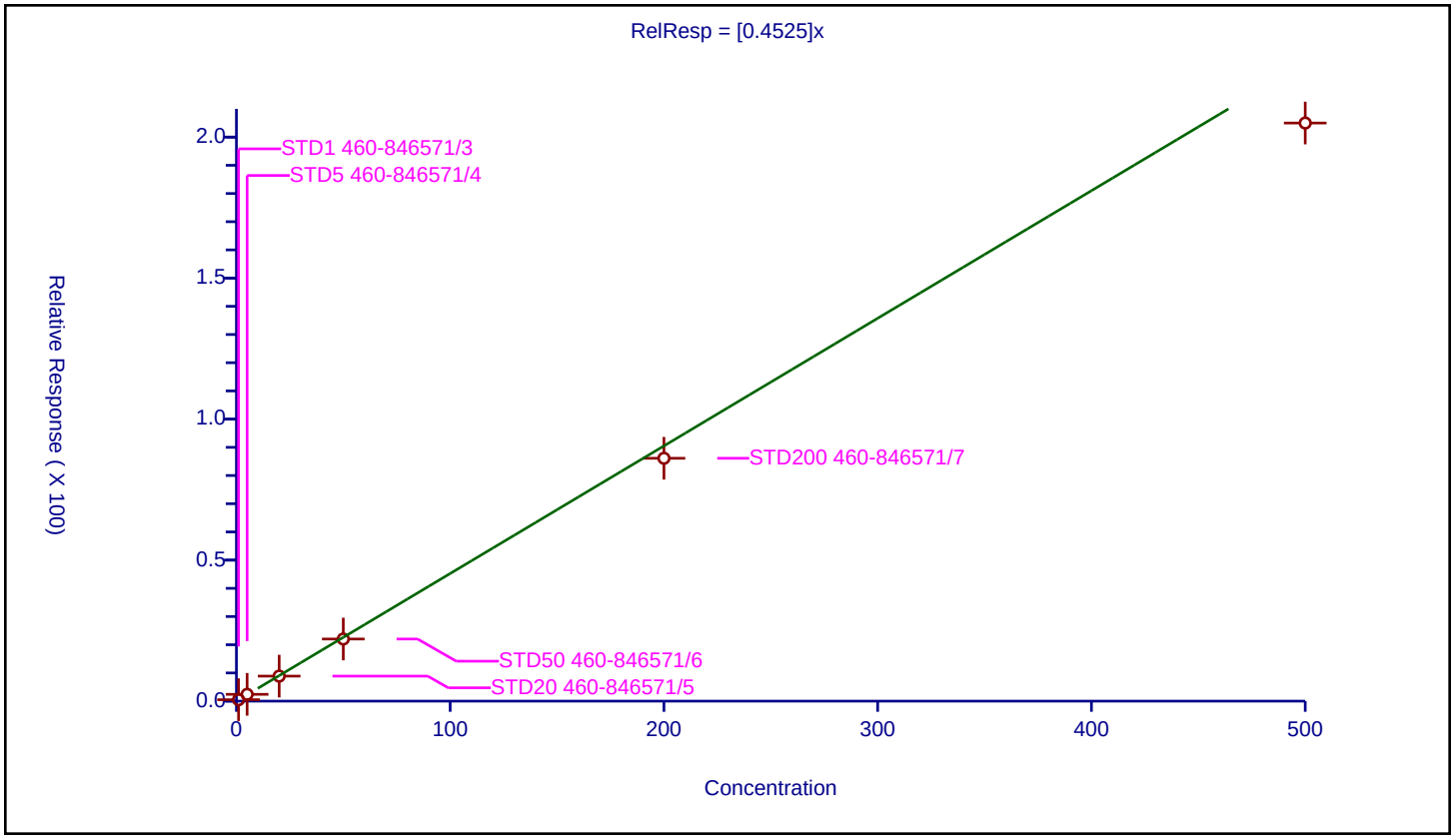
Curve Coefficients

Intercept:	0
Slope:	0.4525

Error Coefficients

Standard Error:	1080000
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	STD1 460-846571/3	1.0	0.507633	50.0	459584.0	0.507633	Y
2	STD5 460-846571/4	5.0	2.412826	50.0	480018.0	0.482565	Y
3	STD20 460-846571/5	20.0	8.872994	50.0	468489.0	0.44365	Y
4	STD50 460-846571/6	50.0	22.02857	50.0	501930.0	0.440571	Y
5	STD200 460-846571/7	200.0	86.117245	50.0	526232.0	0.430586	Y
6	STD500 460-846571/8	500.0	204.98363	50.0	540028.0	0.409967	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

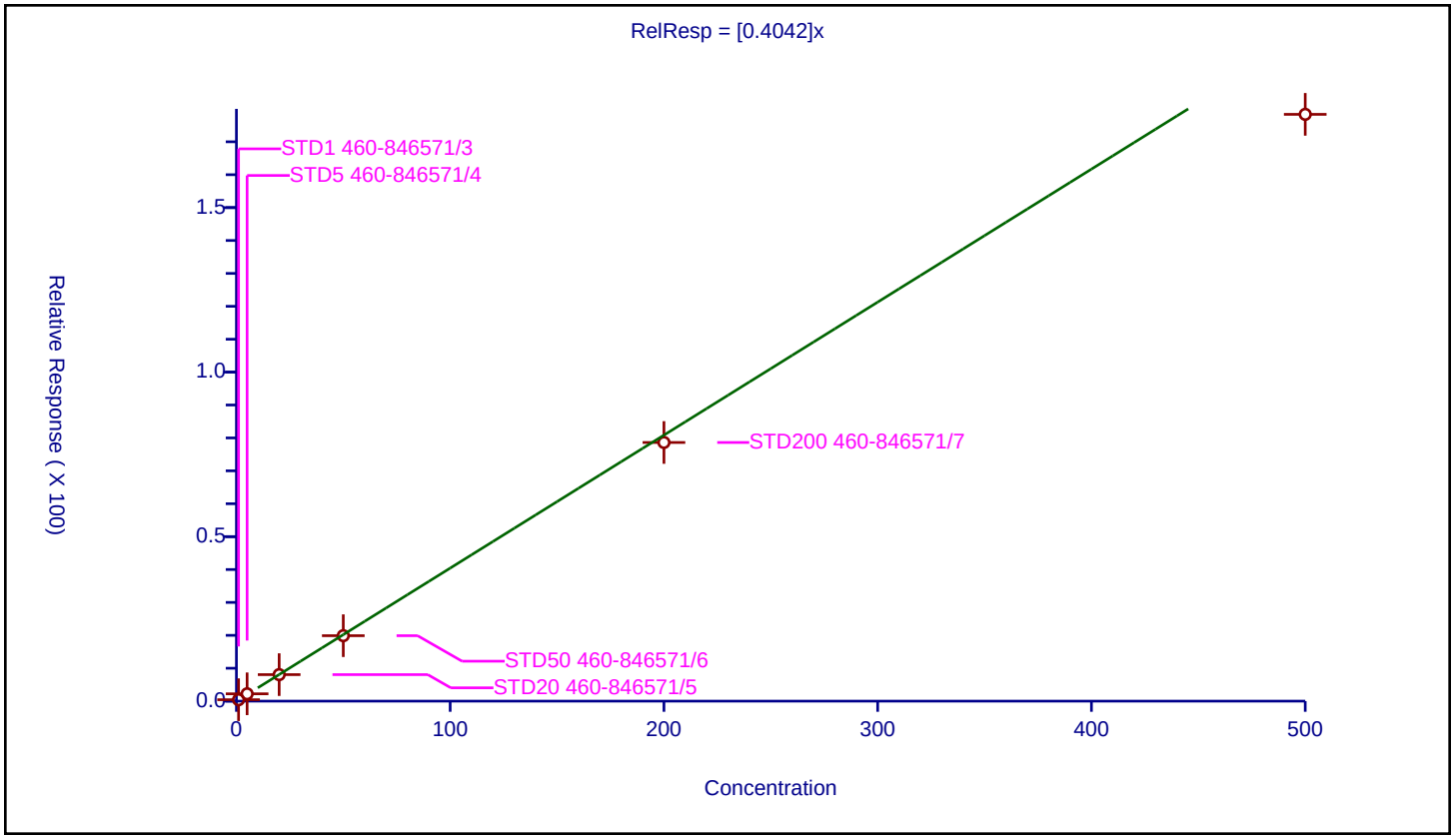
Curve Coefficients

Intercept:	0
Slope:	0.4042

Error Coefficients

Standard Error:	942000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.429301	50.0	459584.0	0.429301	Y
2	STD5 460-846571/4	5.0	2.228562	50.0	480018.0	0.445712	Y
3	STD20 460-846571/5	20.0	8.056966	50.0	468489.0	0.402848	Y
4	STD50 460-846571/6	50.0	19.892615	50.0	501930.0	0.397852	Y
5	STD200 460-846571/7	200.0	78.616466	50.0	526232.0	0.393082	Y
6	STD500 460-846571/8	500.0	178.33816	50.0	540028.0	0.356676	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

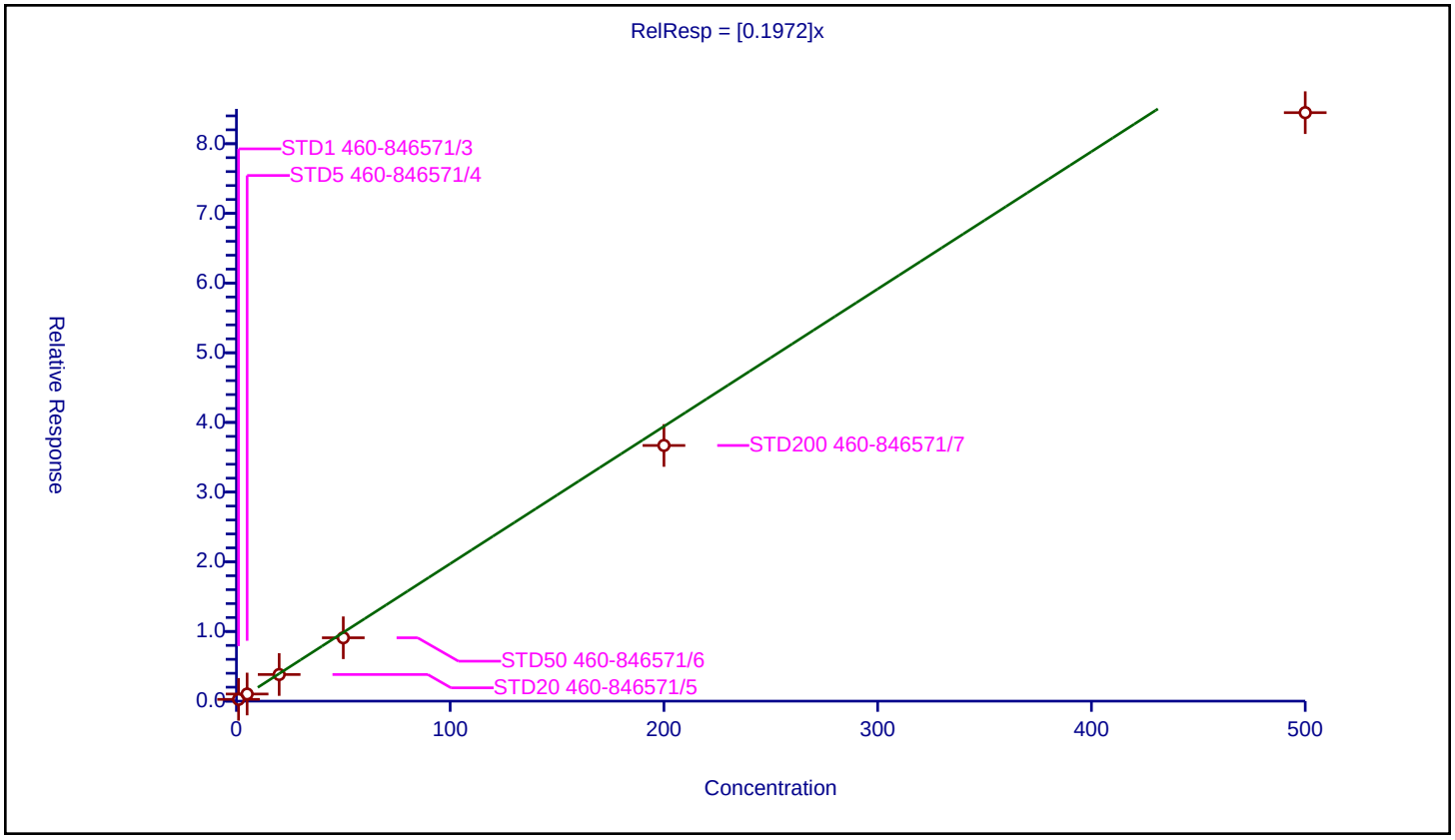
Curve Coefficients

Intercept:	0
Slope:	0.1972

Error Coefficients

Standard Error:	445000
Relative Standard Error:	15.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.252946	50.0	459584.0	0.252946	Y
2	STD5 460-846571/4	5.0	1.024024	50.0	480018.0	0.204805	Y
3	STD20 460-846571/5	20.0	3.820047	50.0	468489.0	0.191002	Y
4	STD50 460-846571/6	50.0	9.095392	50.0	501930.0	0.181908	Y
5	STD200 460-846571/7	200.0	36.695127	50.0	526232.0	0.183476	Y
6	STD500 460-846571/8	500.0	84.459602	50.0	540028.0	0.168919	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

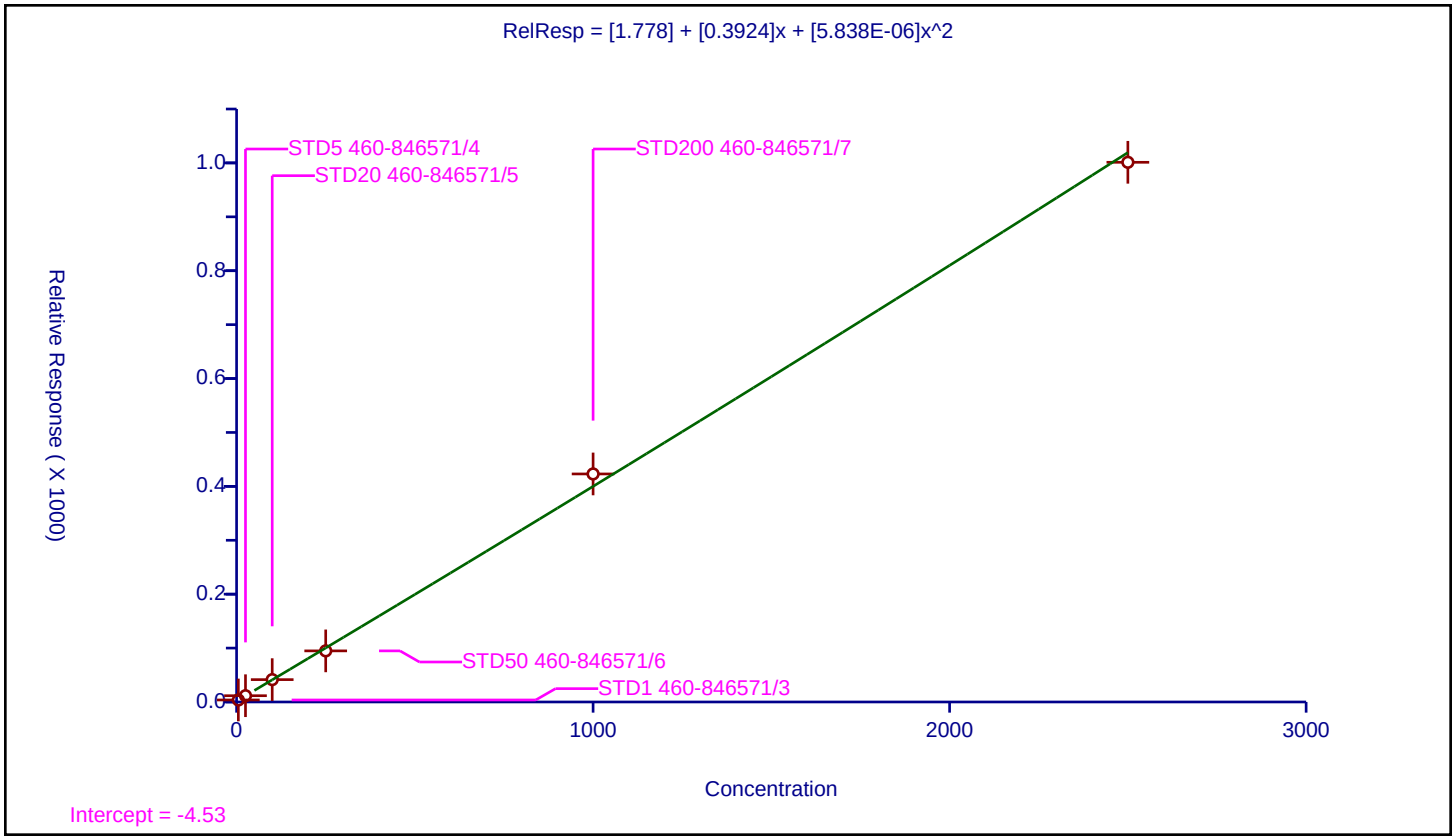
Curve Coefficients

Intercept:	1.778
Slope:	0.3924
Second Order:	5.838E-06

Error Coefficients

Standard Error:	648000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	5.0	3.738029	250.0	207061.0	0.747606	Y
2	STD5 460-846571/4	25.0	11.646565	250.0	219056.0	0.465863	Y
3	STD20 460-846571/5	100.0	41.479483	250.0	209465.0	0.414795	Y
4	STD50 460-846571/6	250.0	94.792243	250.0	225865.0	0.379169	Y
5	STD200 460-846571/7	1000.0	423.027406	250.0	243119.0	0.423027	Y
6	STD500 460-846571/8	2500.0	1001.177396	250.0	260108.0	0.400471	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

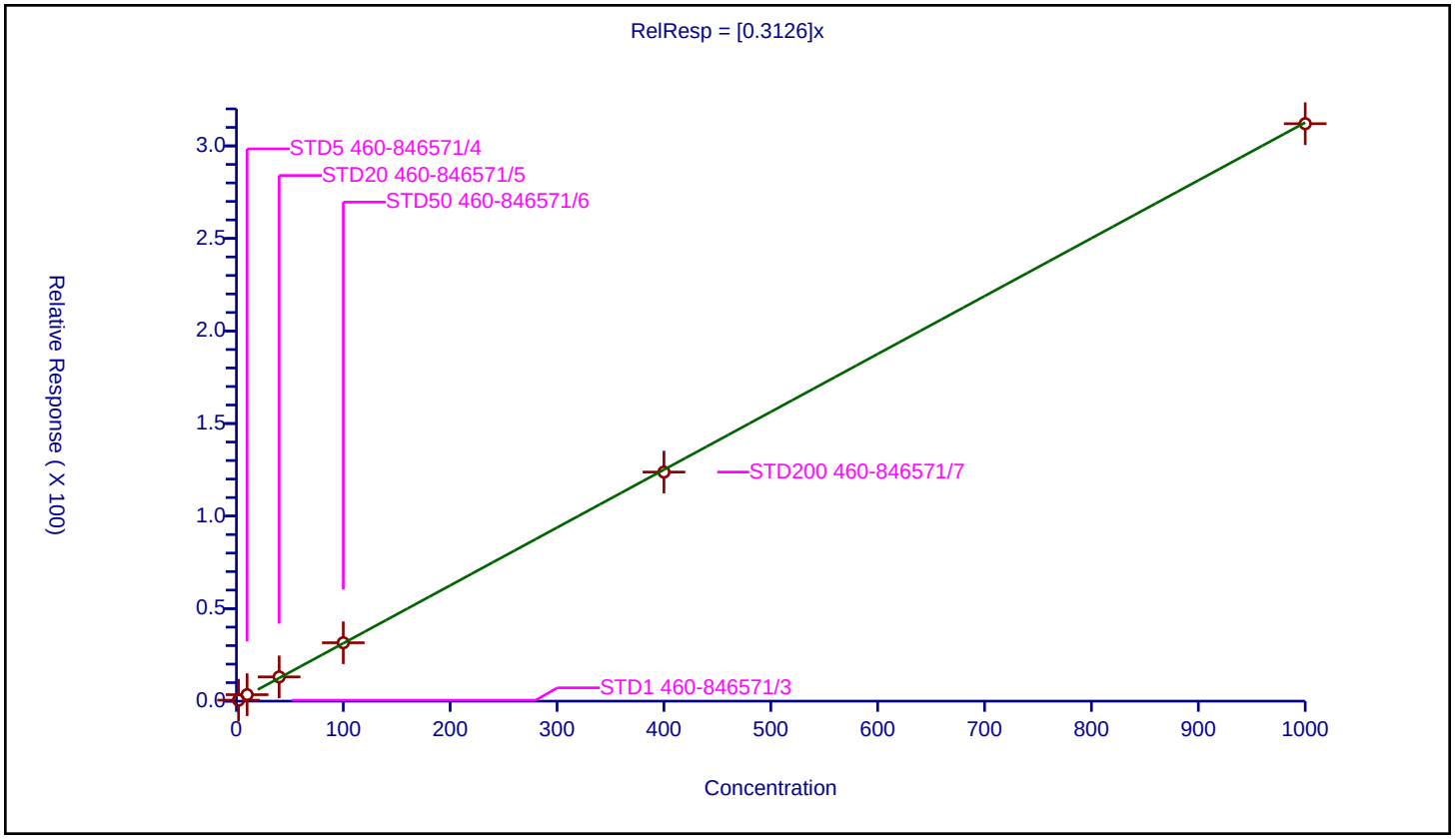
Curve Coefficients

Intercept:	0
Slope:	0.3126

Error Coefficients

Standard Error:	155000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	2.0	0.525208	250.0	207061.0	0.262604	Y
2	STD5 460-846571/4	10.0	3.486551	250.0	219056.0	0.348655	Y
3	STD20 460-846571/5	40.0	13.101234	250.0	209465.0	0.327531	Y
4	STD50 460-846571/6	100.0	31.552033	250.0	225865.0	0.31552	Y
5	STD200 460-846571/7	400.0	123.773749	250.0	243119.0	0.309434	Y
6	STD500 460-846571/8	1000.0	311.99348	250.0	260108.0	0.311993	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

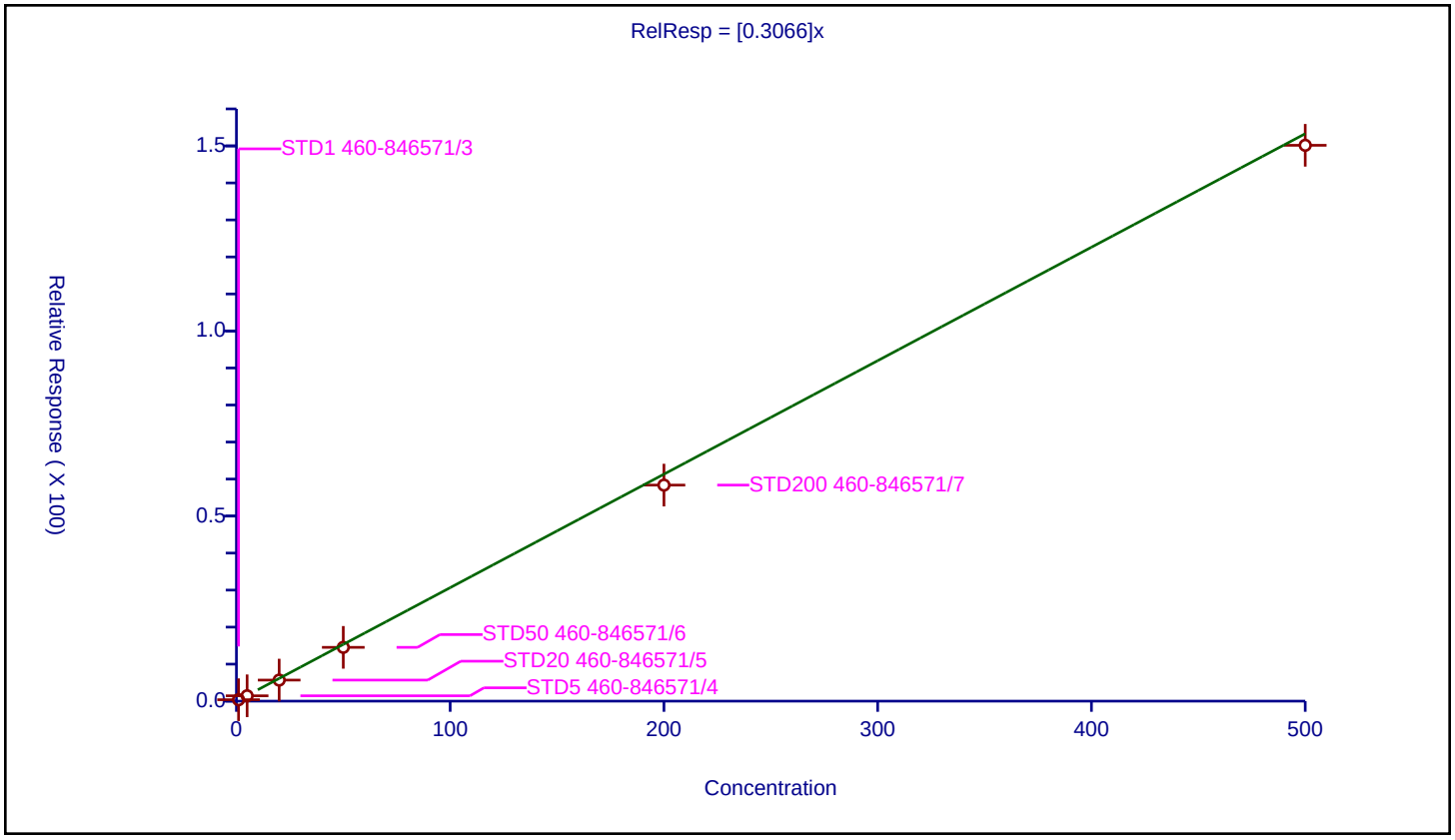
Curve Coefficients

Intercept:	0
Slope:	0.3066

Error Coefficients

Standard Error:	779000
Relative Standard Error:	12.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.383499	50.0	459584.0	0.383499	Y
2	STD5 460-846571/4	5.0	1.444529	50.0	480018.0	0.288906	Y
3	STD20 460-846571/5	20.0	5.686259	50.0	468489.0	0.284313	Y
4	STD50 460-846571/6	50.0	14.5336	50.0	501930.0	0.290672	Y
5	STD200 460-846571/7	200.0	58.364372	50.0	526232.0	0.291822	Y
6	STD500 460-846571/8	500.0	150.166195	50.0	540028.0	0.300332	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

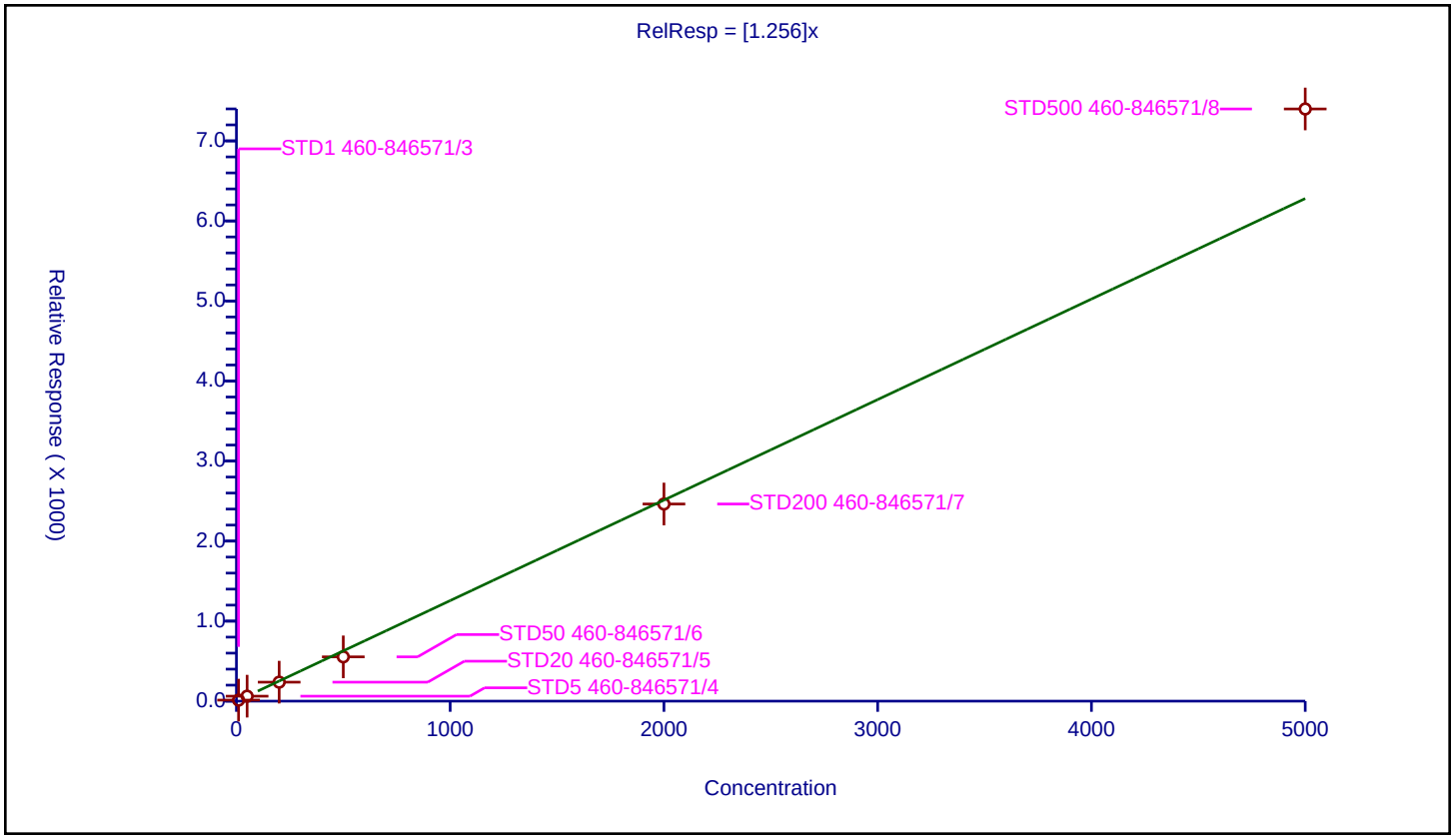
Curve Coefficients

Intercept:	0
Slope:	1.256

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	10.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	10.0	12.913567	1000.0	353117.0	1.291357	Y
2	STD5 460-846571/4	50.0	62.064937	1000.0	369774.0	1.241299	Y
3	STD20 460-846571/5	200.0	237.103656	1000.0	352251.0	1.185518	Y
4	STD50 460-846571/6	500.0	553.248848	1000.0	383182.0	1.106498	Y
5	STD200 460-846571/7	2000.0	2462.962343	1000.0	358662.0	1.231481	Y
6	STD500 460-846571/8	5000.0	7398.947021	1000.0	308838.0	1.479789	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

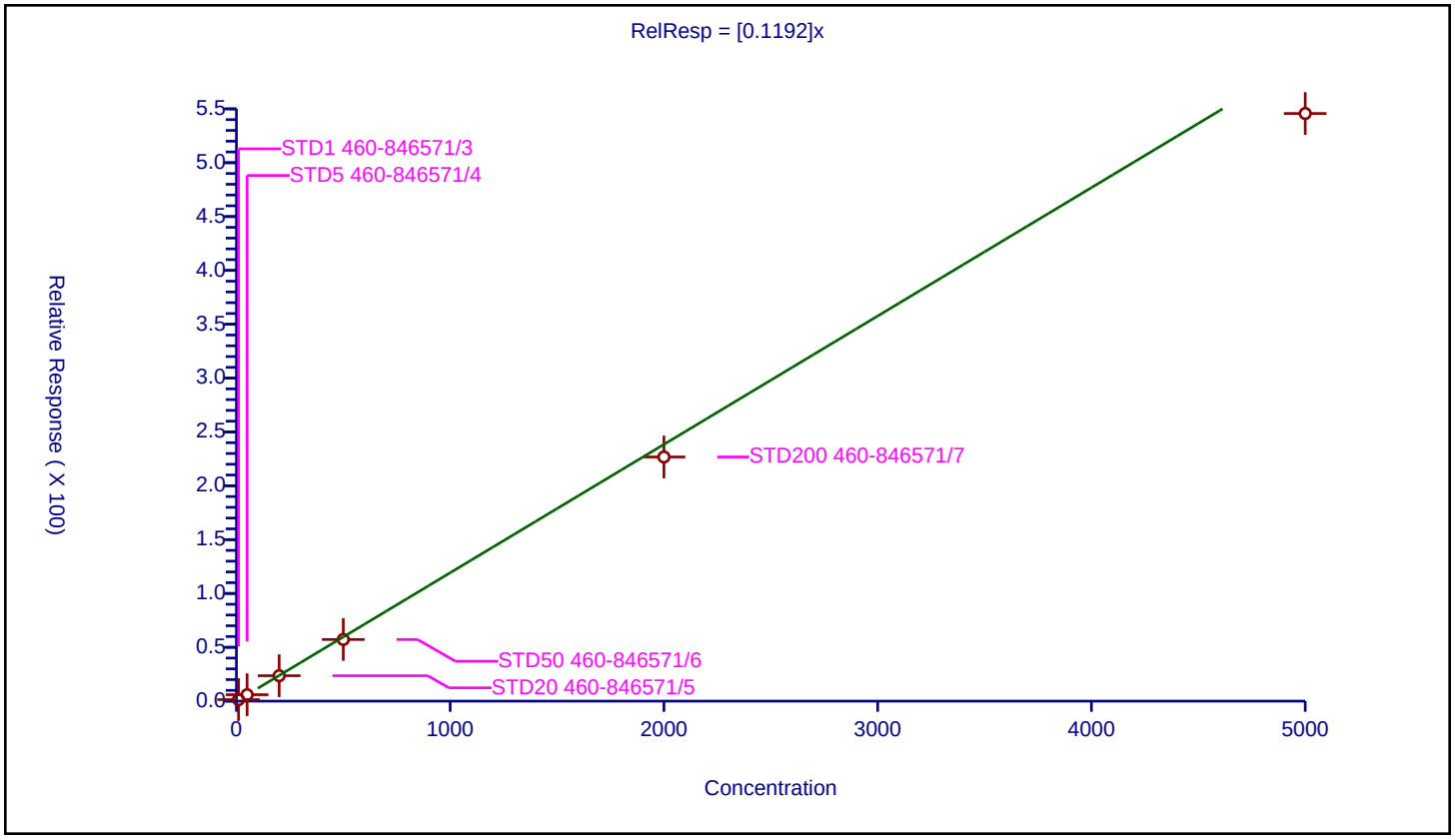
Curve Coefficients

Intercept:	0
Slope:	0.1192

Error Coefficients

Standard Error:	2860000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	10.0	1.405945	50.0	459584.0	0.140595	Y
2	STD5 460-846571/4	50.0	5.98238	50.0	480018.0	0.119648	Y
3	STD20 460-846571/5	200.0	23.613788	50.0	468489.0	0.118069	Y
4	STD50 460-846571/6	500.0	57.250015	50.0	501930.0	0.1145	Y
5	STD200 460-846571/7	2000.0	226.753029	50.0	526232.0	0.113377	Y
6	STD500 460-846571/8	5000.0	545.731425	50.0	540028.0	0.109146	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

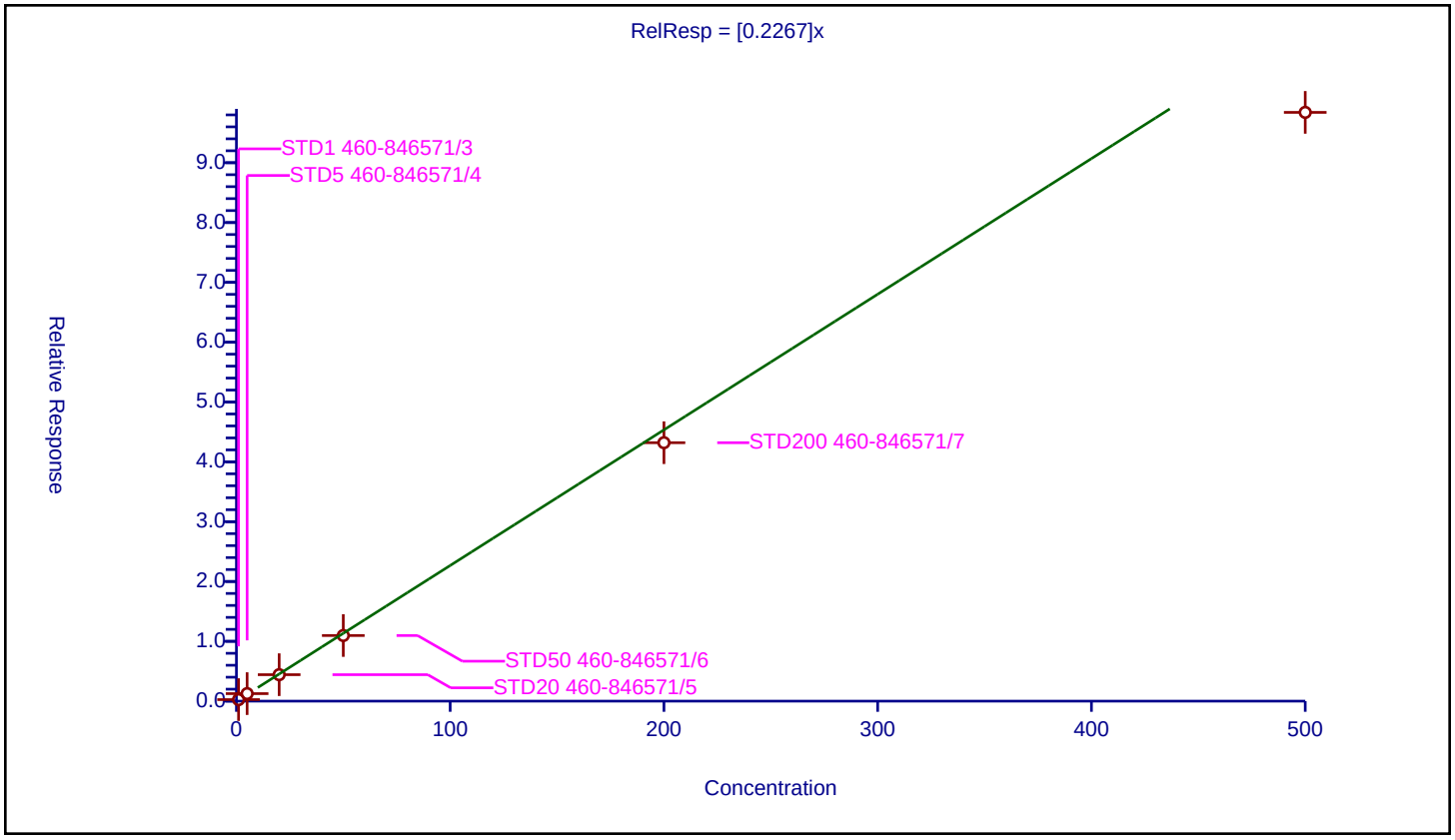
Curve Coefficients

Intercept:	0
Slope:	0.2267

Error Coefficients

Standard Error:	520000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.255122	50.0	459584.0	0.255122	Y
2	STD5 460-846571/4	5.0	1.258807	50.0	480018.0	0.251761	Y
3	STD20 460-846571/5	20.0	4.425077	50.0	468489.0	0.221254	Y
4	STD50 460-846571/6	50.0	10.969259	50.0	501930.0	0.219385	Y
5	STD200 460-846571/7	200.0	43.202048	50.0	526232.0	0.21601	Y
6	STD500 460-846571/8	500.0	98.416749	50.0	540028.0	0.196833	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

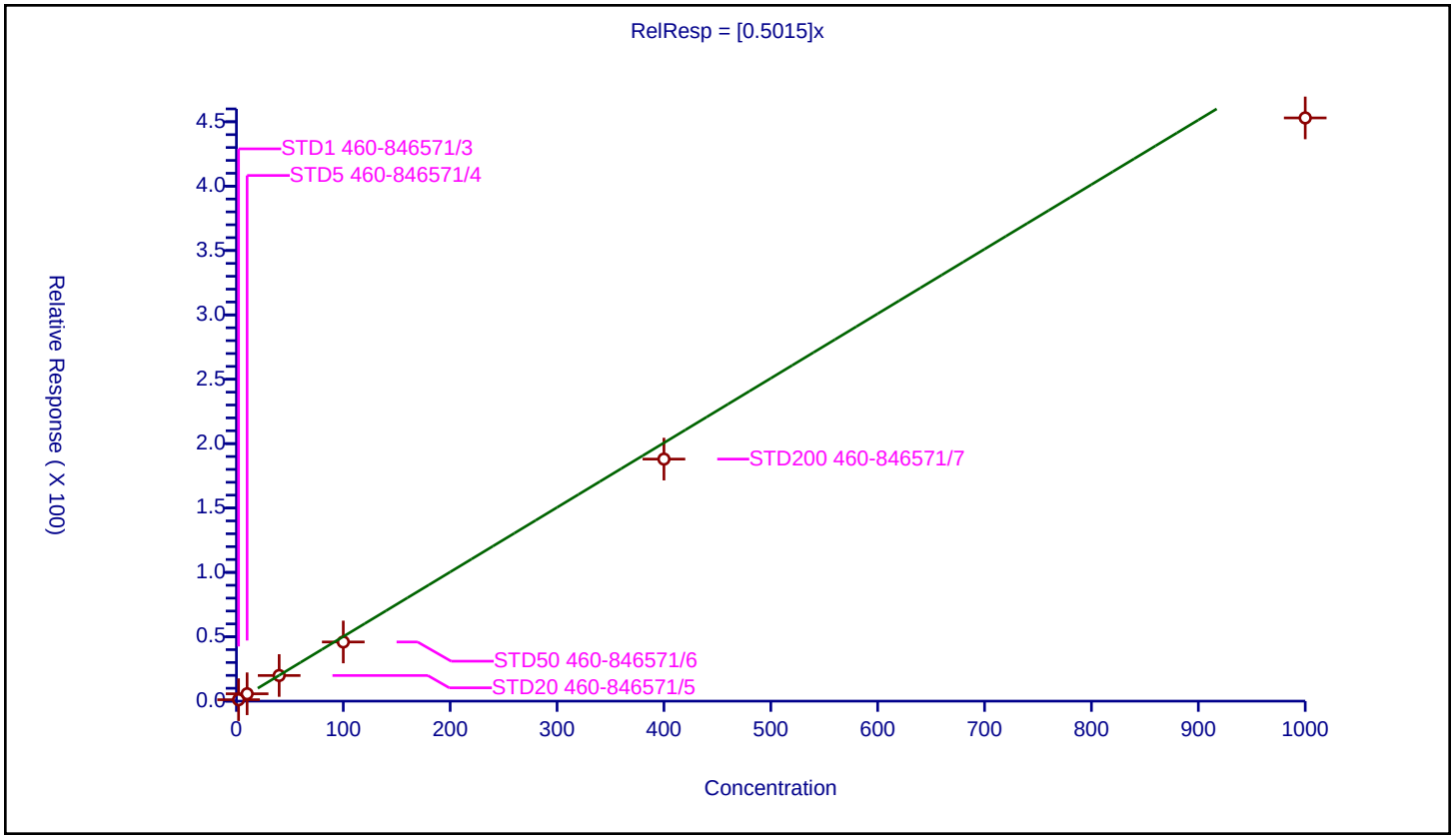
Curve Coefficients

Intercept:	0
Slope:	0.5015

Error Coefficients

Standard Error:	227000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	2.0	1.115613	250.0	207061.0	0.557807	Y
2	STD5 460-846571/4	10.0	5.713151	250.0	219056.0	0.571315	Y
3	STD20 460-846571/5	40.0	19.905473	250.0	209465.0	0.497637	Y
4	STD50 460-846571/6	100.0	45.950014	250.0	225865.0	0.4595	Y
5	STD200 460-846571/7	400.0	187.995385	250.0	243119.0	0.469988	Y
6	STD500 460-846571/8	1000.0	452.981069	250.0	260108.0	0.452981	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

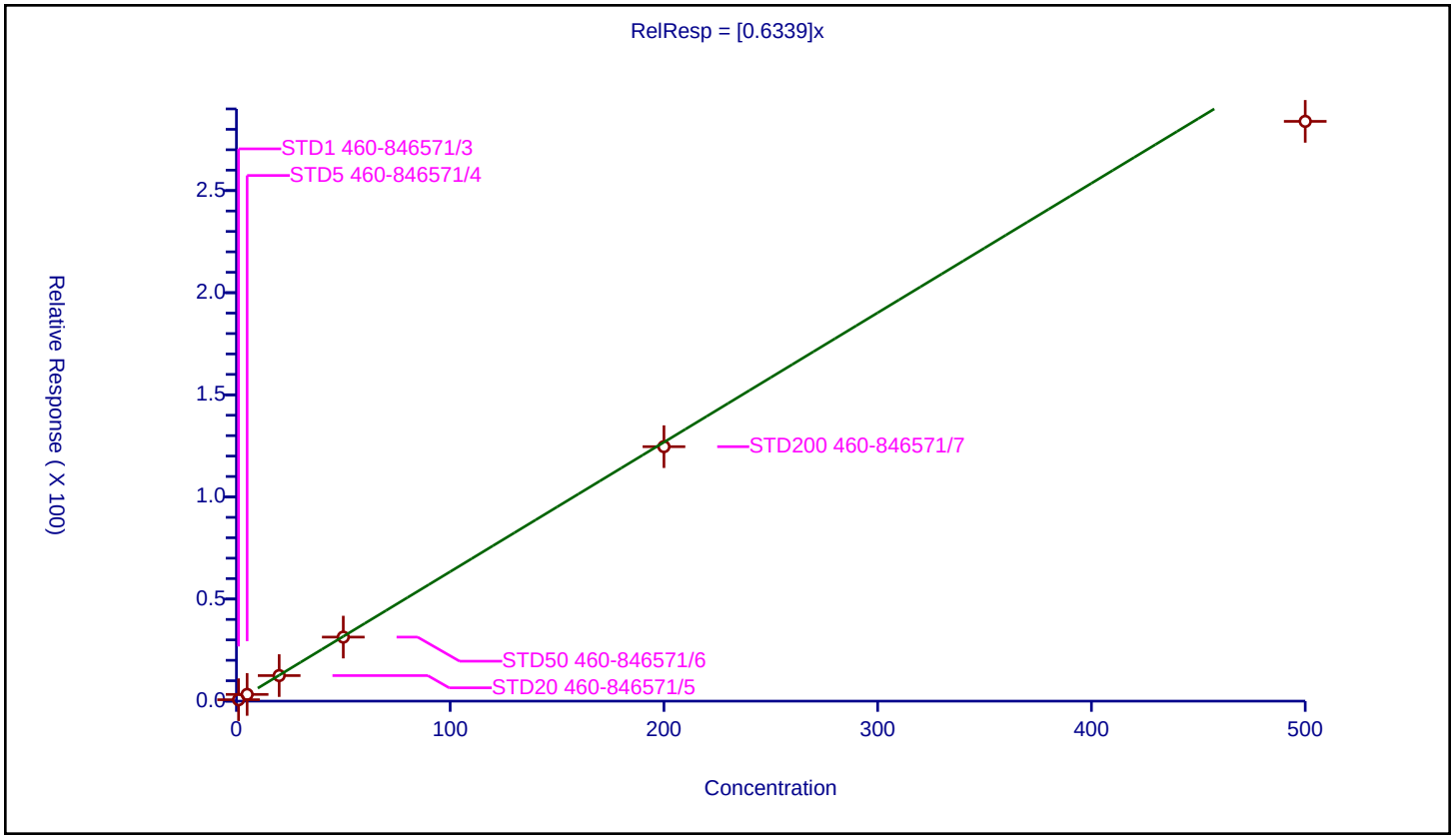
Curve Coefficients

Intercept:	0
Slope:	0.6339

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.700851	50.0	459584.0	0.700851	Y
2	STD5 460-846571/4	5.0	3.294981	50.0	480018.0	0.658996	Y
3	STD20 460-846571/5	20.0	12.516943	50.0	468489.0	0.625847	Y
4	STD50 460-846571/6	50.0	31.352479	50.0	501930.0	0.62705	Y
5	STD200 460-846571/7	200.0	124.612528	50.0	526232.0	0.623063	Y
6	STD500 460-846571/8	500.0	283.897224	50.0	540028.0	0.567794	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

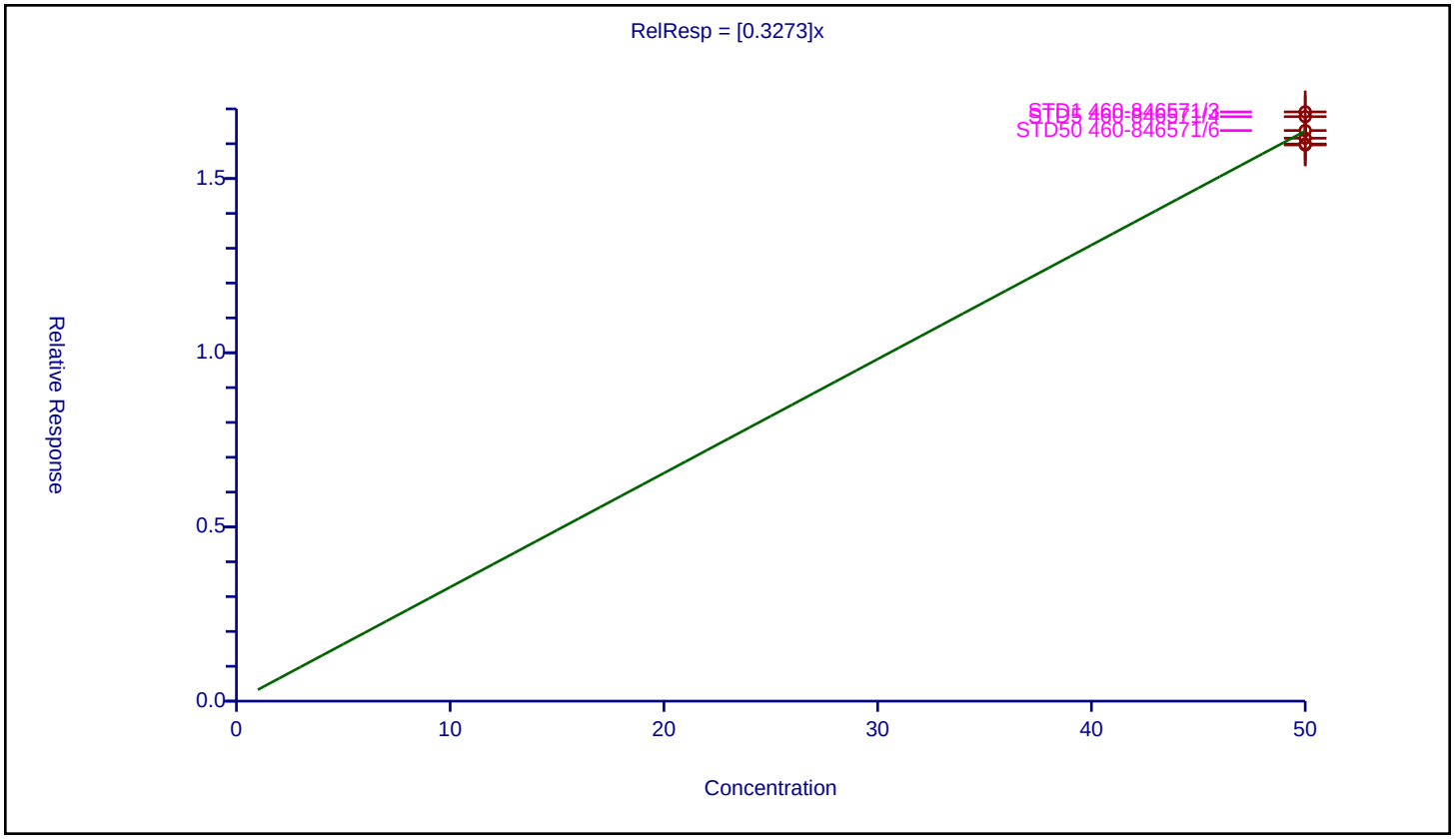
Curve Coefficients

Intercept:	0
Slope:	0.3273

Error Coefficients

Standard Error:	178000
Relative Standard Error:	2.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	50.0	16.913665	50.0	459584.0	0.338273	Y
2	STD5 460-846571/4	50.0	16.776975	50.0	480018.0	0.33554	Y
3	STD20 460-846571/5	50.0	16.158437	50.0	468489.0	0.323169	Y
4	STD50 460-846571/6	50.0	16.379077	50.0	501930.0	0.327582	Y
5	STD200 460-846571/7	50.0	15.991426	50.0	526232.0	0.319829	Y
6	STD500 460-846571/8	50.0	15.964635	50.0	540028.0	0.319293	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

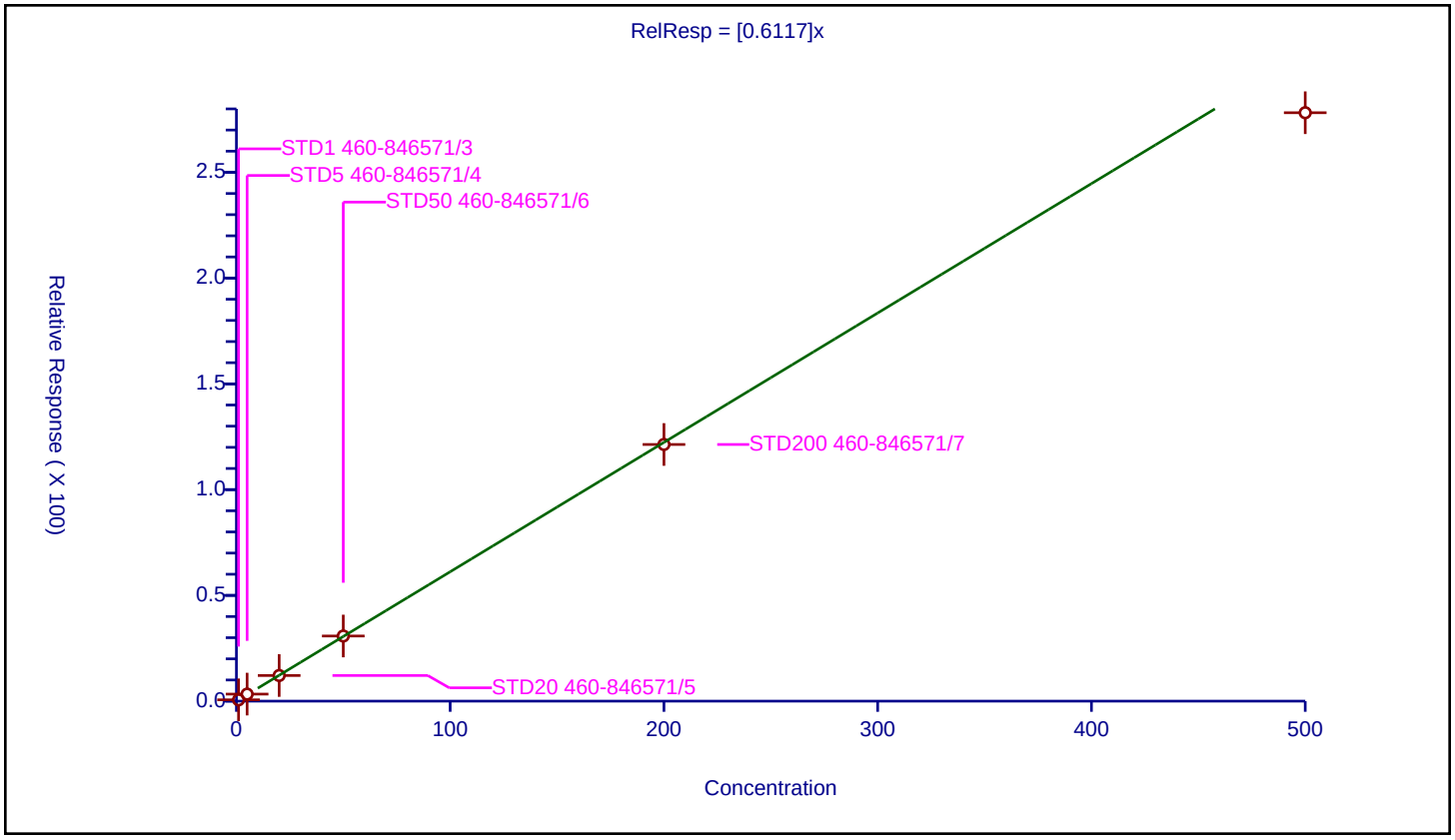
Curve Coefficients

Intercept:	0
Slope:	0.6117

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.619038	50.0	459584.0	0.619038	Y
2	STD5 460-846571/4	5.0	3.329667	50.0	480018.0	0.665933	Y
3	STD20 460-846571/5	20.0	12.123764	50.0	468489.0	0.606188	Y
4	STD50 460-846571/6	50.0	30.787261	50.0	501930.0	0.615745	Y
5	STD200 460-846571/7	200.0	121.347524	50.0	526232.0	0.606738	Y
6	STD500 460-846571/8	500.0	278.185946	50.0	540028.0	0.556372	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

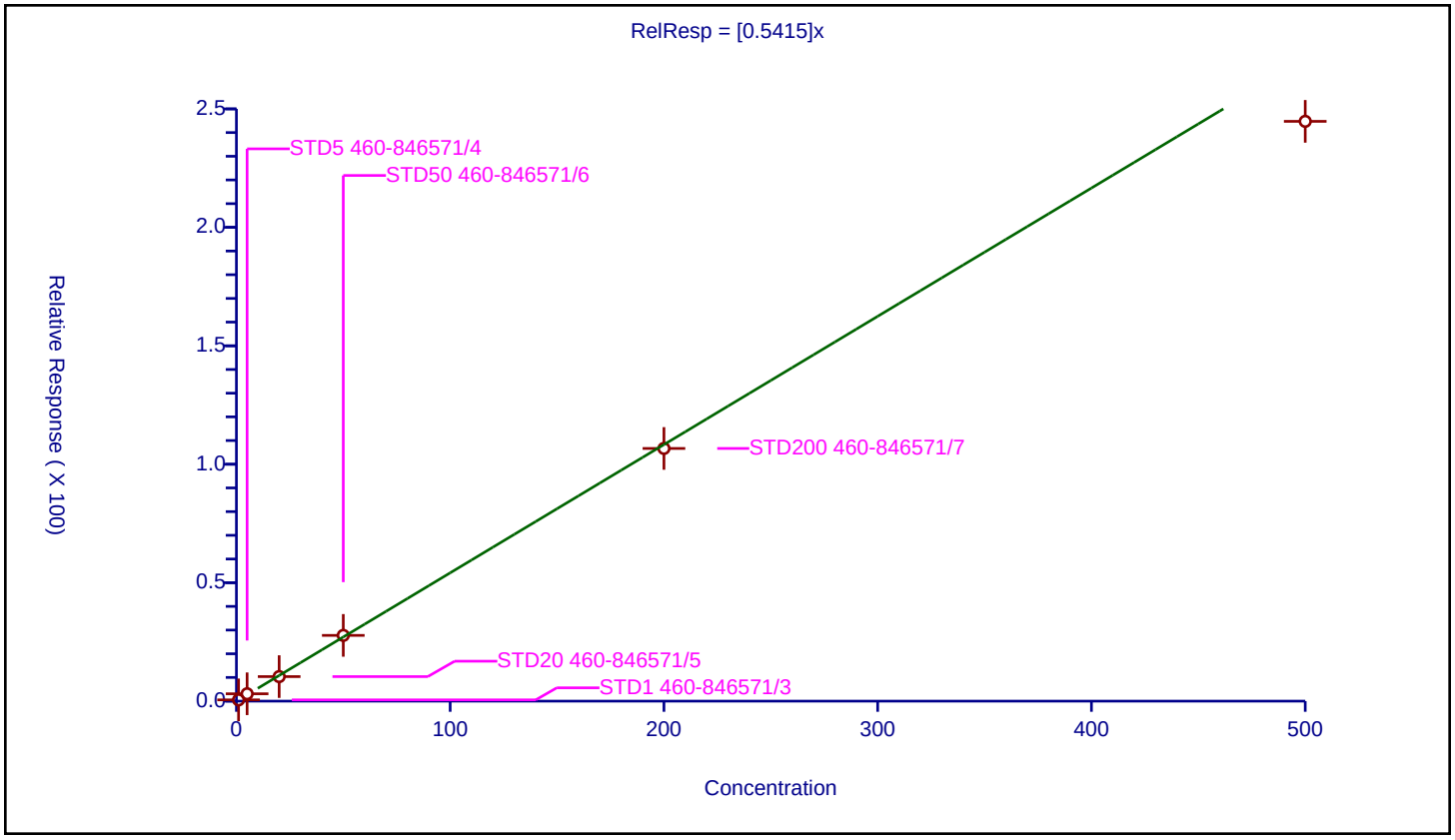
Curve Coefficients

Intercept:	0
Slope:	0.5415

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.531241	50.0	459584.0	0.531241	Y
2	STD5 460-846571/4	5.0	3.108008	50.0	480018.0	0.621602	Y
3	STD20 460-846571/5	20.0	10.362143	50.0	468489.0	0.518107	Y
4	STD50 460-846571/6	50.0	27.752276	50.0	501930.0	0.555046	Y
5	STD200 460-846571/7	200.0	106.670727	50.0	526232.0	0.533354	Y
6	STD500 460-846571/8	500.0	244.740921	50.0	540028.0	0.489482	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

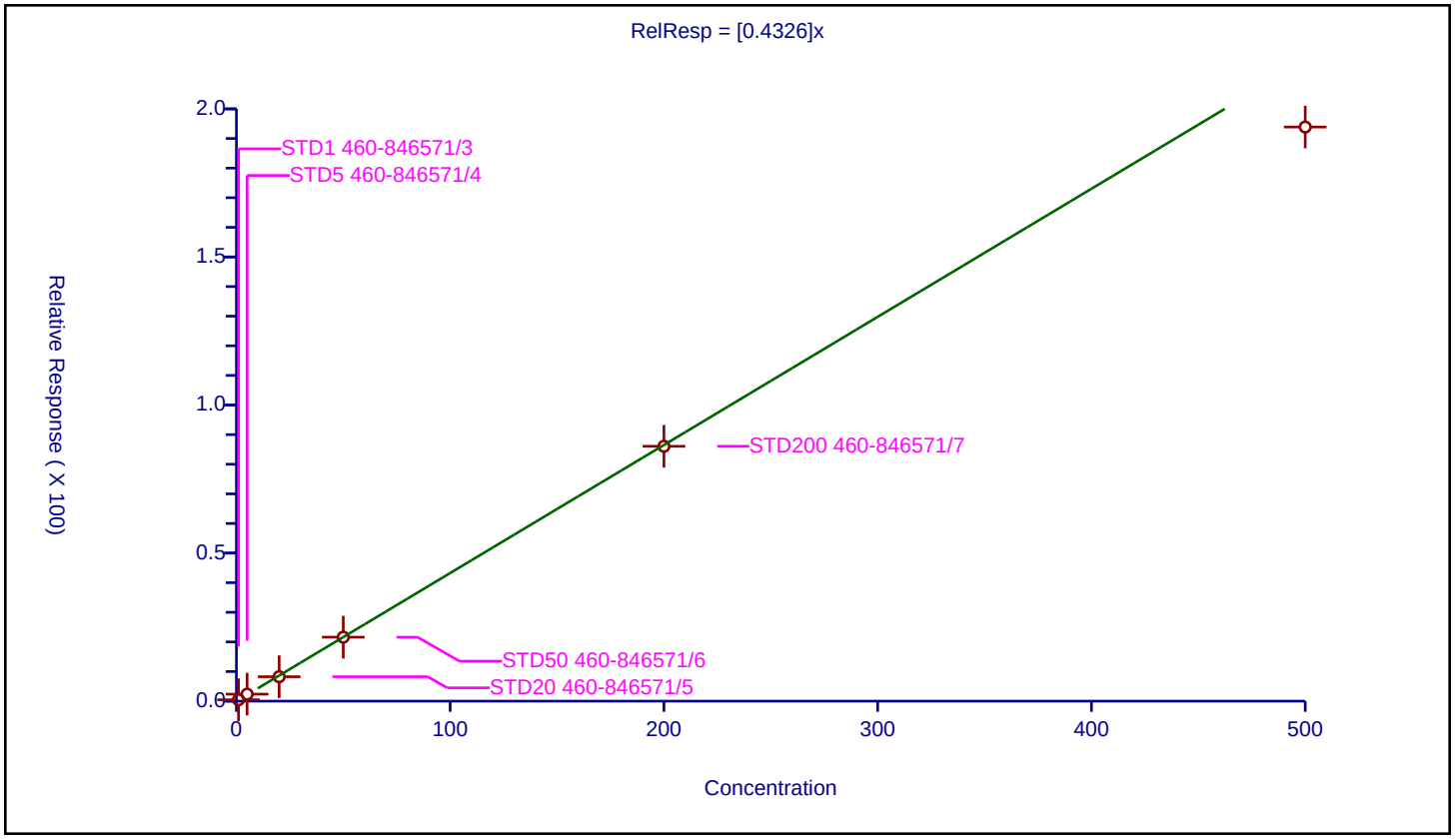
Curve Coefficients

Intercept:	0
Slope:	0.4326

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.460525	50.0	459584.0	0.460525	Y
2	STD5 460-846571/4	5.0	2.362828	50.0	480018.0	0.472566	Y
3	STD20 460-846571/5	20.0	8.247045	50.0	468489.0	0.412352	Y
4	STD50 460-846571/6	50.0	21.595242	50.0	501930.0	0.431905	Y
5	STD200 460-846571/7	200.0	86.059001	50.0	526232.0	0.430295	Y
6	STD500 460-846571/8	500.0	193.878003	50.0	540028.0	0.387756	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

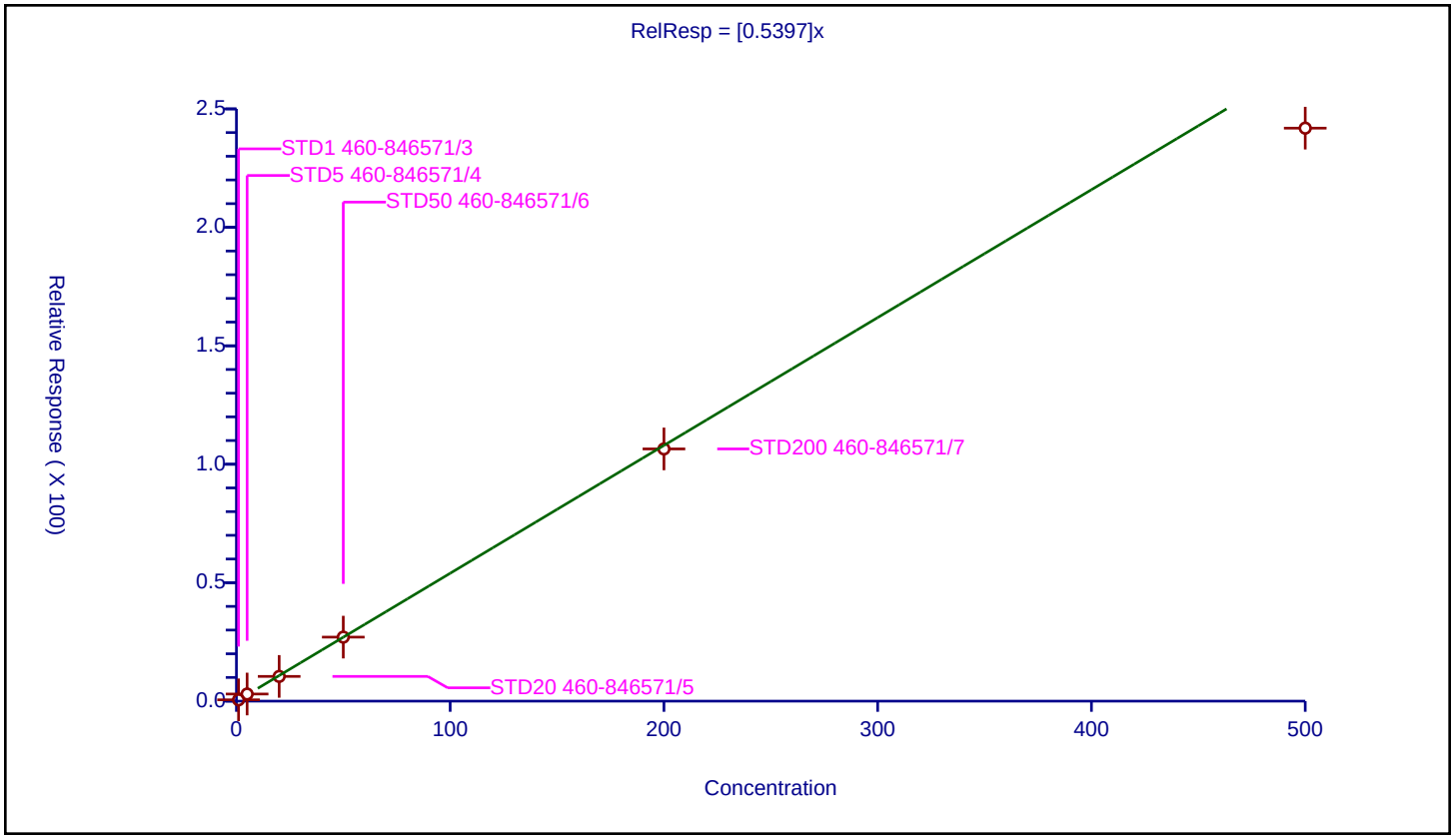
Curve Coefficients

Intercept:	0
Slope:	0.5397

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.559419	50.0	459584.0	0.559419	Y
2	STD5 460-846571/4	5.0	3.003117	50.0	480018.0	0.600623	Y
3	STD20 460-846571/5	20.0	10.437065	50.0	468489.0	0.521853	Y
4	STD50 460-846571/6	50.0	27.019604	50.0	501930.0	0.540392	Y
5	STD200 460-846571/7	200.0	106.459793	50.0	526232.0	0.532299	Y
6	STD500 460-846571/8	500.0	241.871255	50.0	540028.0	0.483743	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

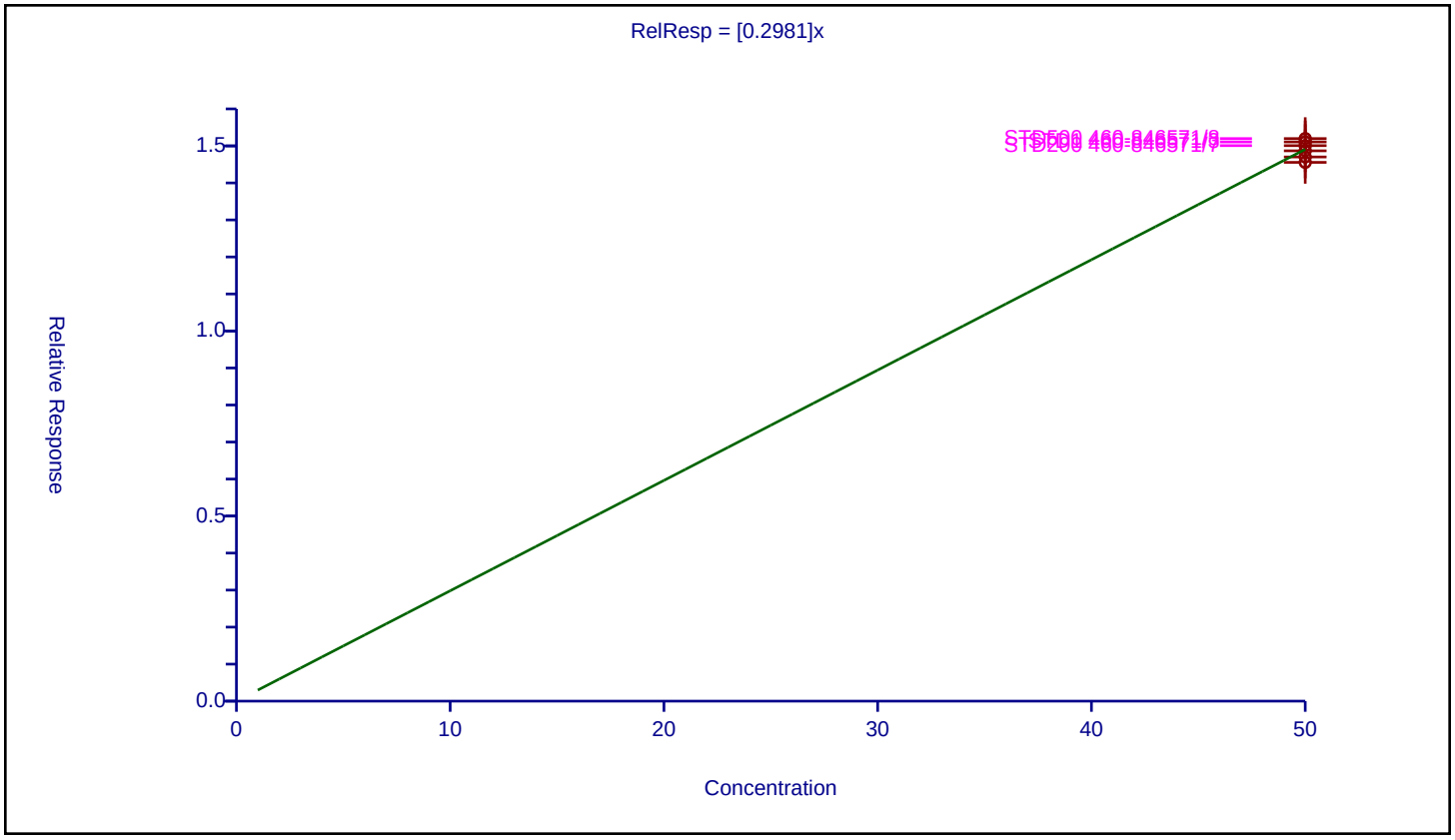
Curve Coefficients

Intercept:	0
Slope:	0.2981

Error Coefficients

Standard Error:	162000
Relative Standard Error:	1.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	50.0	15.108011	50.0	459584.0	0.30216	Y
2	STD5 460-846571/4	50.0	14.867255	50.0	480018.0	0.297345	Y
3	STD20 460-846571/5	50.0	14.555411	50.0	468489.0	0.291108	Y
4	STD50 460-846571/6	50.0	14.701154	50.0	501930.0	0.294023	Y
5	STD200 460-846571/7	50.0	15.007069	50.0	526232.0	0.300141	Y
6	STD500 460-846571/8	50.0	15.19736	50.0	540028.0	0.303947	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

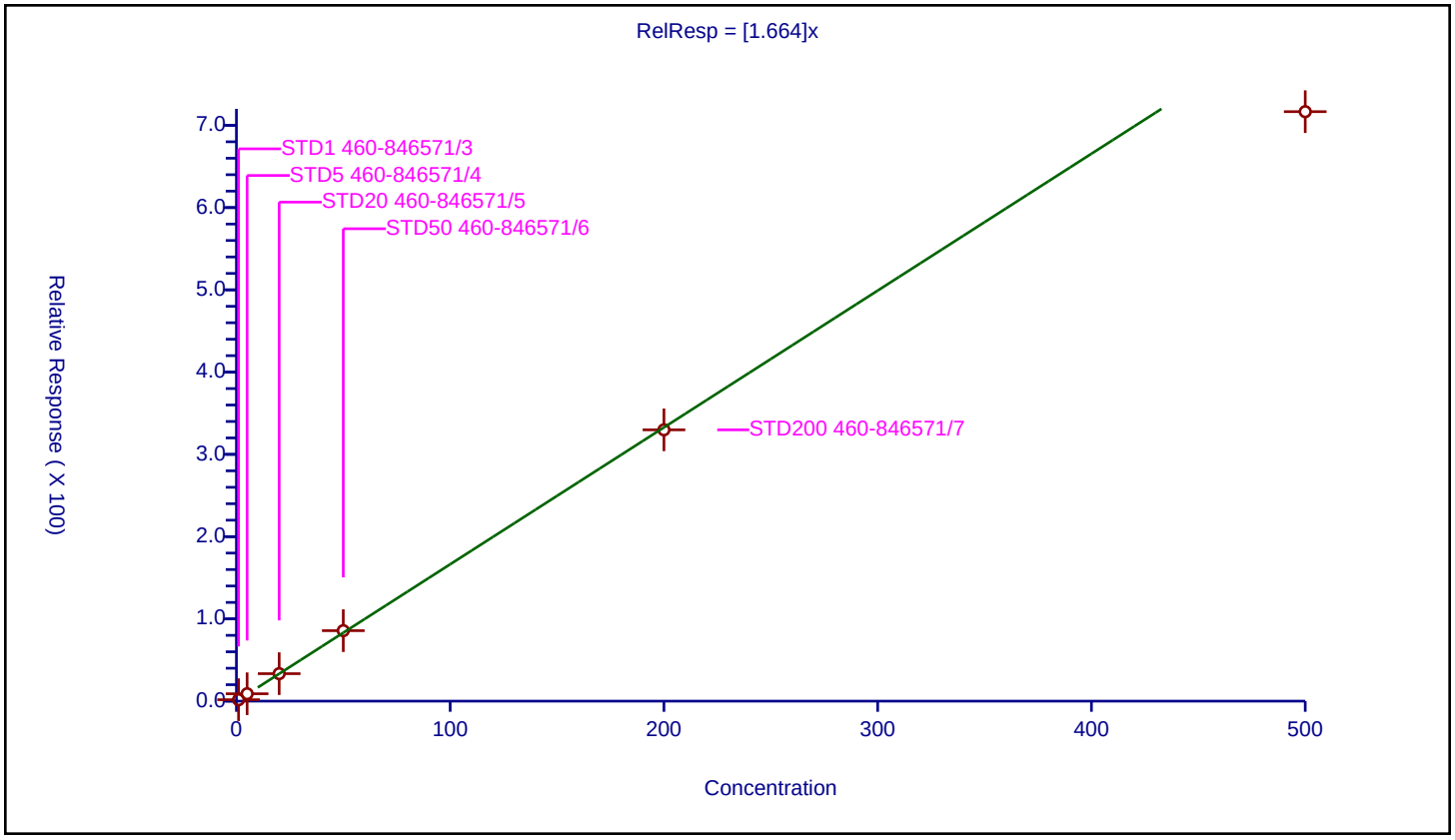
Curve Coefficients

Intercept:	0
Slope:	1.664

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.718607	50.0	350982.0	1.718607	Y
2	STD5 460-846571/4	5.0	8.985939	50.0	363351.0	1.797188	Y
3	STD20 460-846571/5	20.0	33.412761	50.0	354830.0	1.670638	Y
4	STD50 460-846571/6	50.0	85.679435	50.0	375893.0	1.713589	Y
5	STD200 460-846571/7	200.0	329.827667	50.0	411239.0	1.649138	Y
6	STD500 460-846571/8	500.0	716.624383	50.0	443042.0	1.433249	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

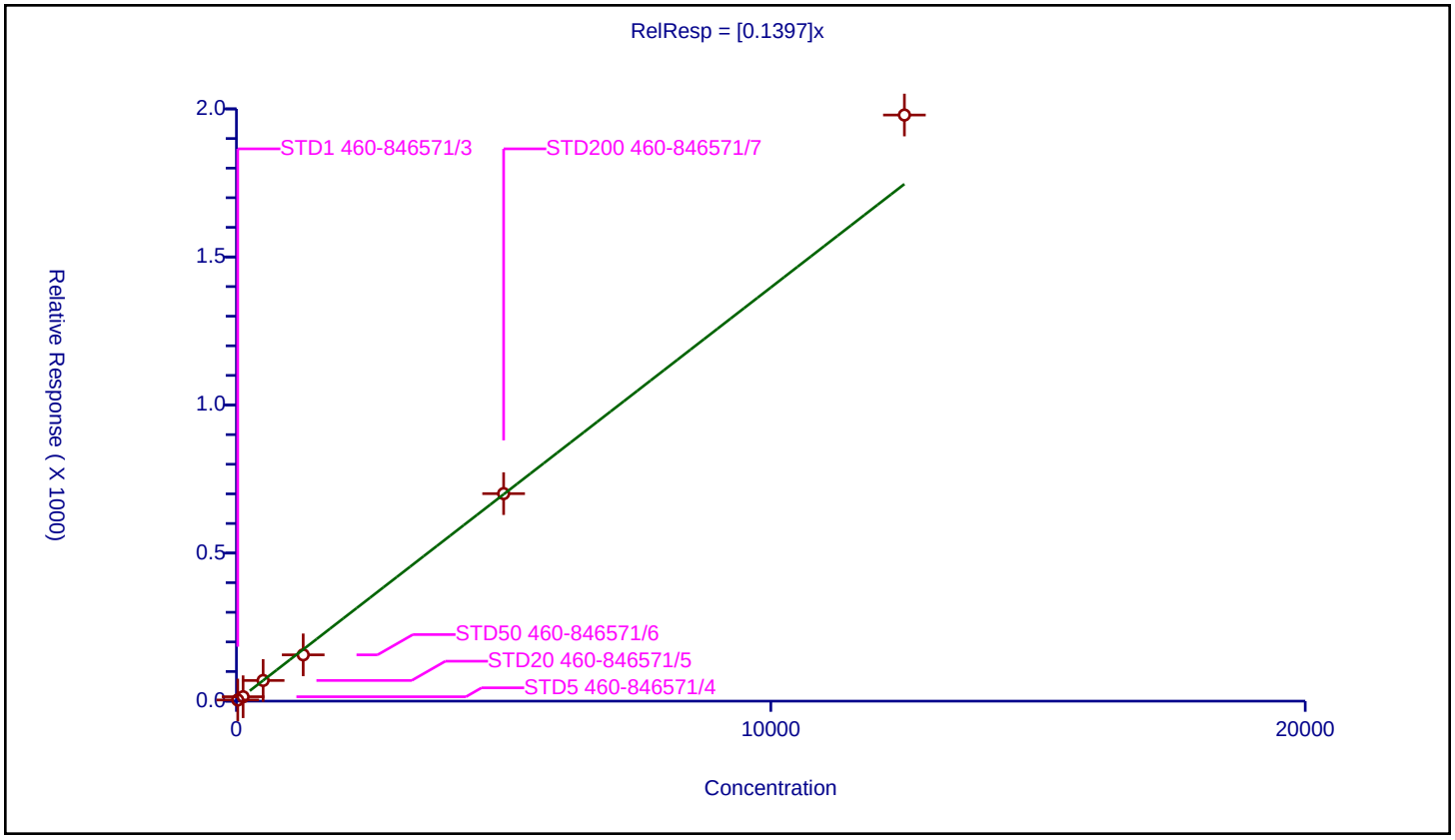
Curve Coefficients

Intercept:	0
Slope:	0.1397

Error Coefficients

Standard Error:	296000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	25.0	3.896725	1000.0	353117.0	0.155869	Y
2	STD5 460-846571/4	125.0	14.882063	1000.0	369774.0	0.119057	Y
3	STD20 460-846571/5	500.0	69.833727	1000.0	352251.0	0.139667	Y
4	STD50 460-846571/6	1250.0	156.366948	1000.0	383182.0	0.125094	Y
5	STD200 460-846571/7	5000.0	700.768411	1000.0	358662.0	0.140154	Y
6	STD500 460-846571/8	12500.0	1979.328969	1000.0	308838.0	0.158346	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

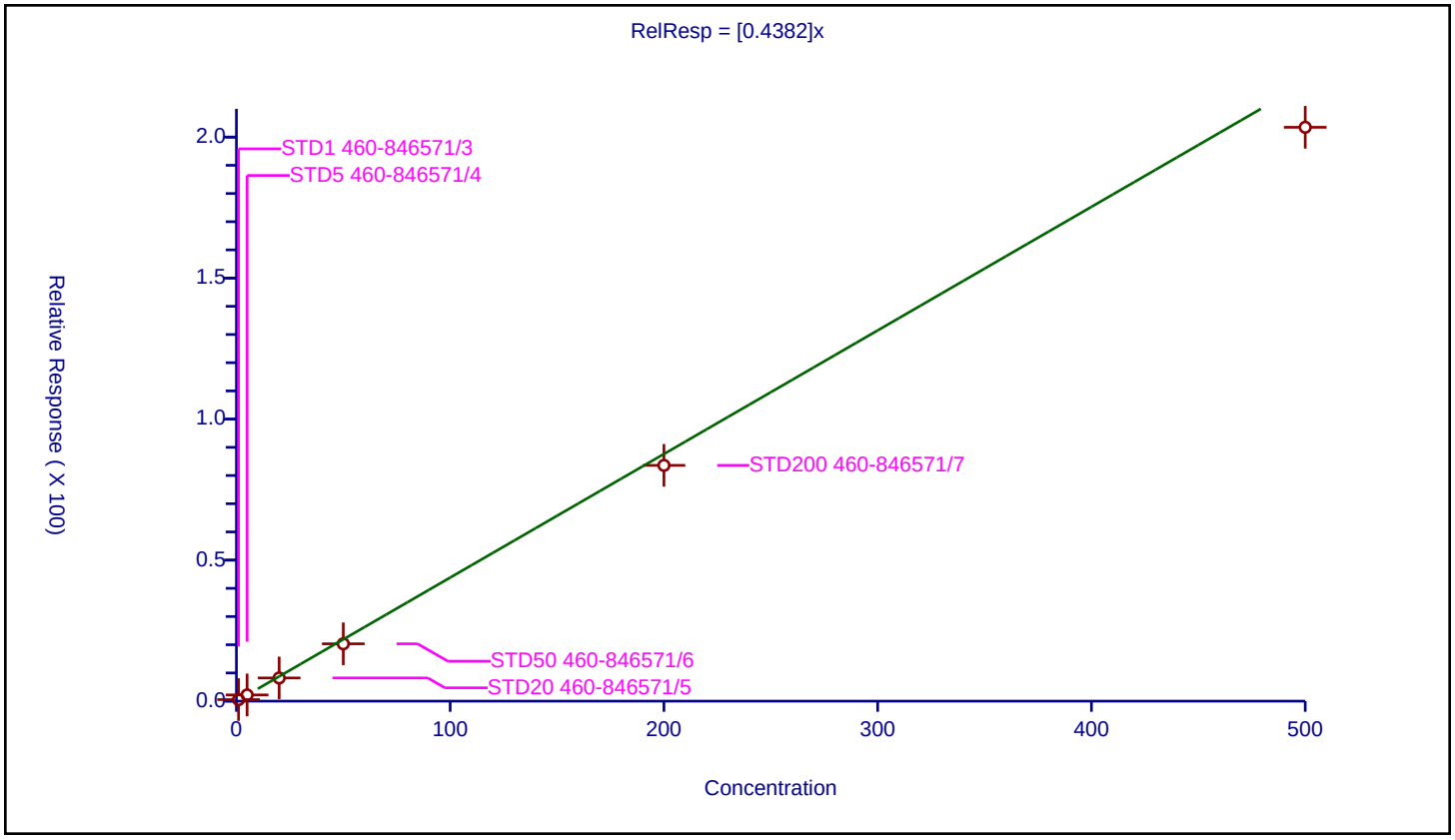
Curve Coefficients

Intercept:	0
Slope:	0.4382

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	12.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.545711	50.0	459584.0	0.545711	Y
2	STD5 460-846571/4	5.0	2.204917	50.0	480018.0	0.440983	Y
3	STD20 460-846571/5	20.0	8.217482	50.0	468489.0	0.410874	Y
4	STD50 460-846571/6	50.0	20.328133	50.0	501930.0	0.406563	Y
5	STD200 460-846571/7	200.0	83.604855	50.0	526232.0	0.418024	Y
6	STD500 460-846571/8	500.0	203.473431	50.0	540028.0	0.406947	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

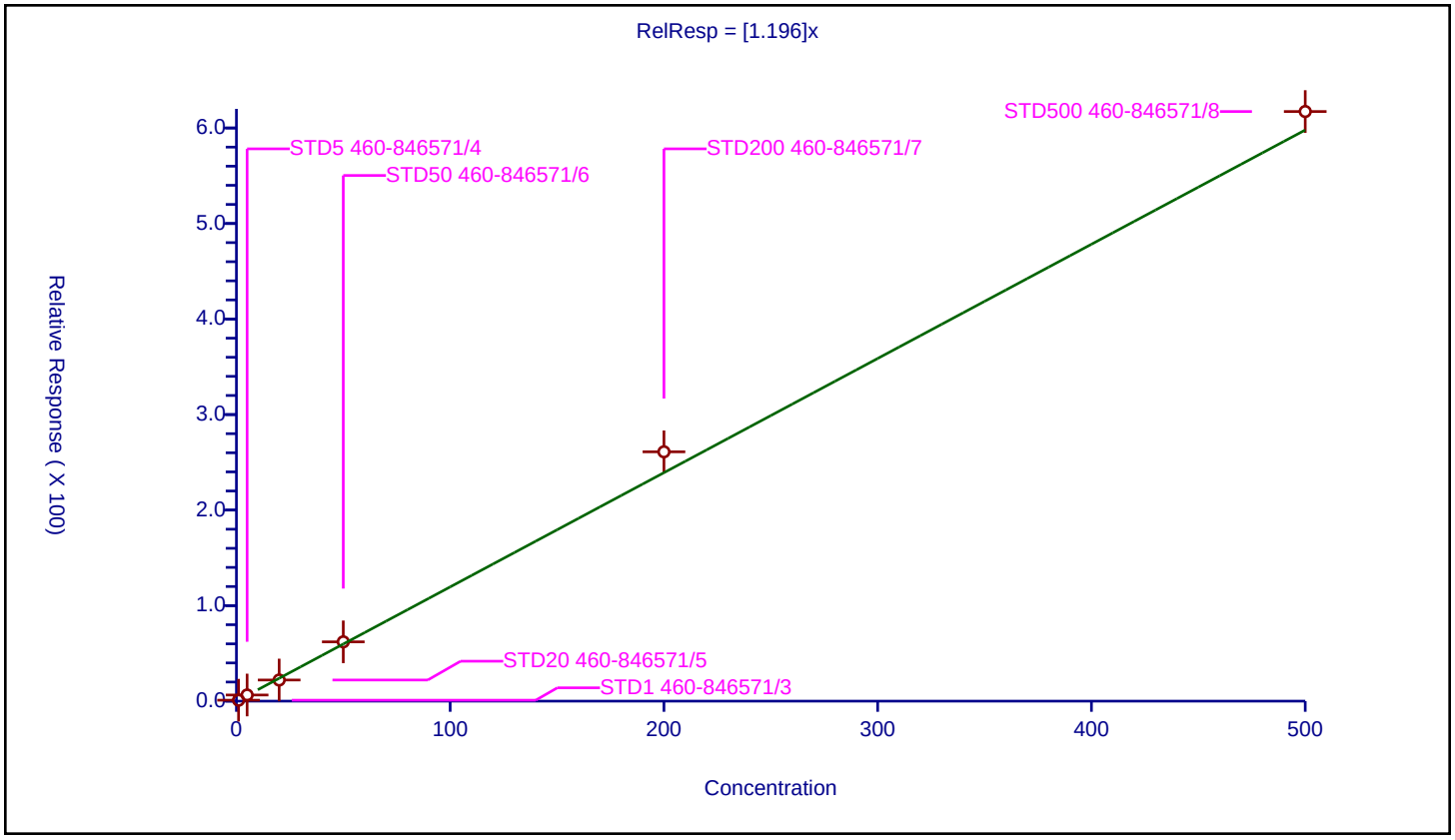
Curve Coefficients

Intercept:	0
Slope:	1.196

Error Coefficients

Standard Error:	3240000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.001232	50.0	459584.0	1.001232	Y
2	STD5 460-846571/4	5.0	6.430592	50.0	480018.0	1.286118	Y
3	STD20 460-846571/5	20.0	22.118662	50.0	468489.0	1.105933	Y
4	STD50 460-846571/6	50.0	62.078477	50.0	501930.0	1.24157	Y
5	STD200 460-846571/7	200.0	261.024225	50.0	526232.0	1.305121	Y
6	STD500 460-846571/8	500.0	617.247902	50.0	540028.0	1.234496	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

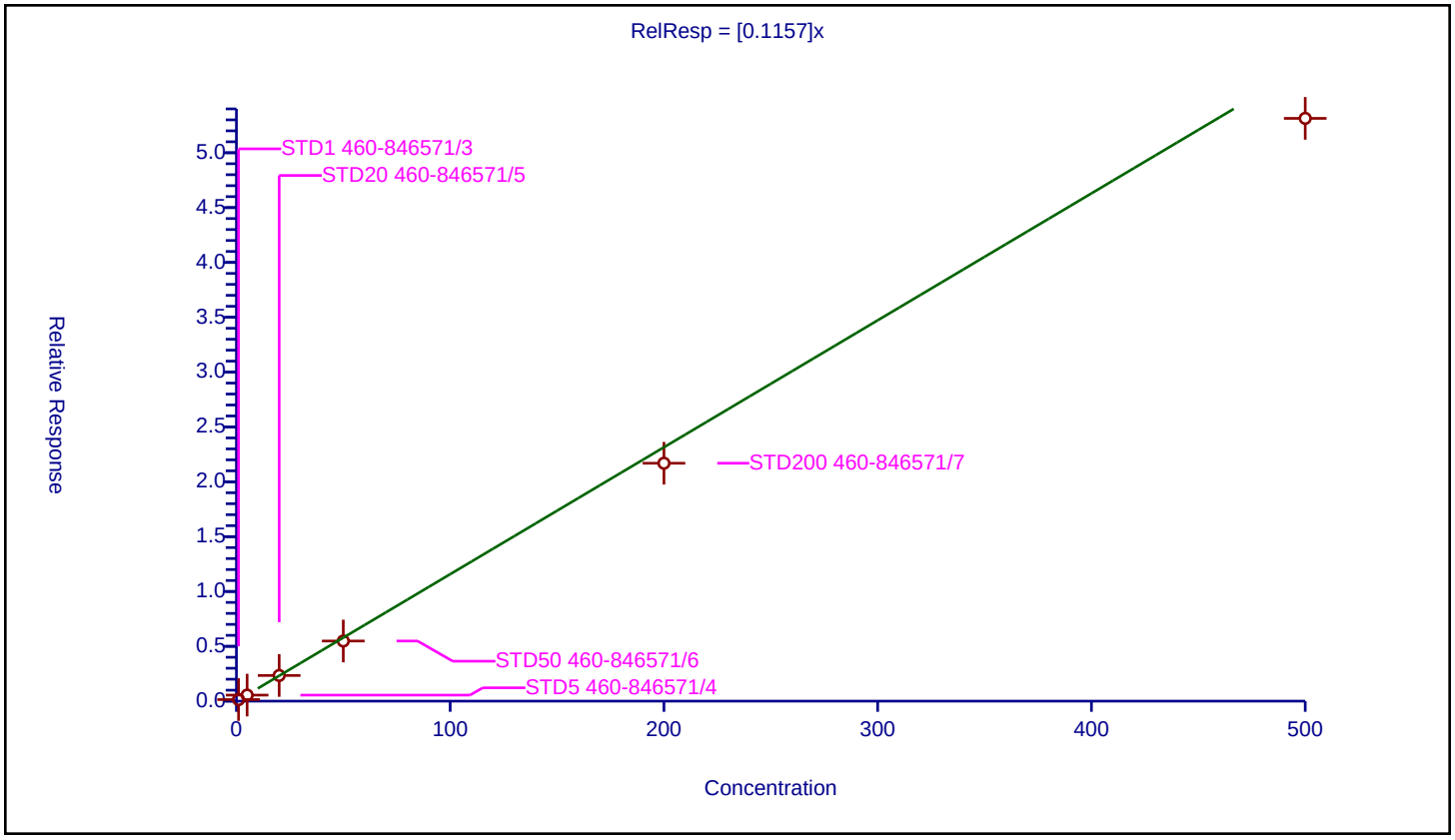
Curve Coefficients

Intercept:	0
Slope:	0.1157

Error Coefficients

Standard Error:	277000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.143173	50.0	459584.0	0.143173	Y
2	STD5 460-846571/4	5.0	0.54925	50.0	480018.0	0.10985	Y
3	STD20 460-846571/5	20.0	2.340396	50.0	468489.0	0.11702	Y
4	STD50 460-846571/6	50.0	5.482836	50.0	501930.0	0.109657	Y
5	STD200 460-846571/7	200.0	21.693189	50.0	526232.0	0.108466	Y
6	STD500 460-846571/8	500.0	53.135949	50.0	540028.0	0.106272	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

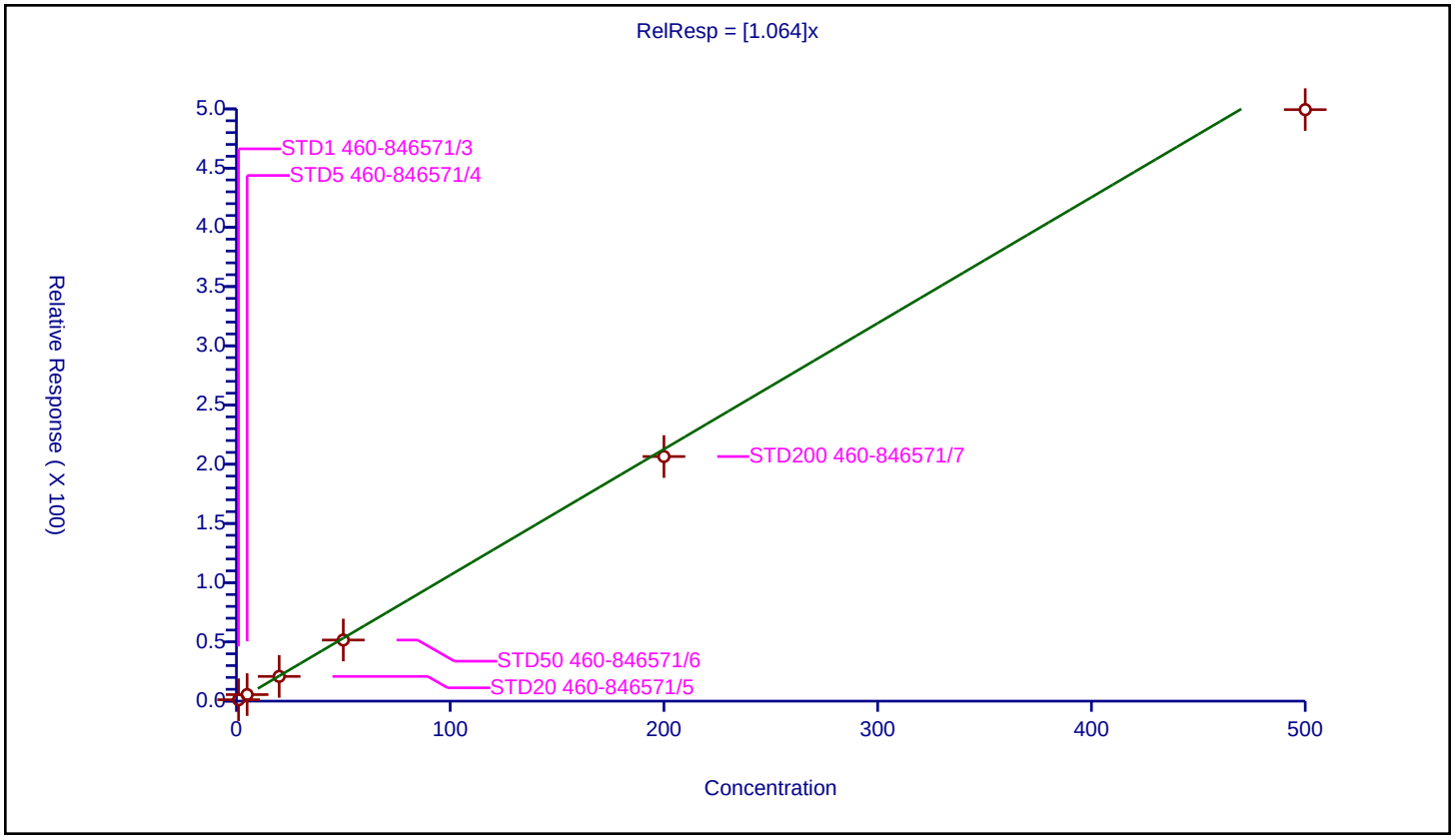
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	2610000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.170733	50.0	459584.0	1.170733	Y
2	STD5 460-846571/4	5.0	5.51771	50.0	480018.0	1.103542	Y
3	STD20 460-846571/5	20.0	20.870607	50.0	468489.0	1.04353	Y
4	STD50 460-846571/6	50.0	51.595342	50.0	501930.0	1.031907	Y
5	STD200 460-846571/7	200.0	206.519938	50.0	526232.0	1.0326	Y
6	STD500 460-846571/8	500.0	499.36994	50.0	540028.0	0.99874	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

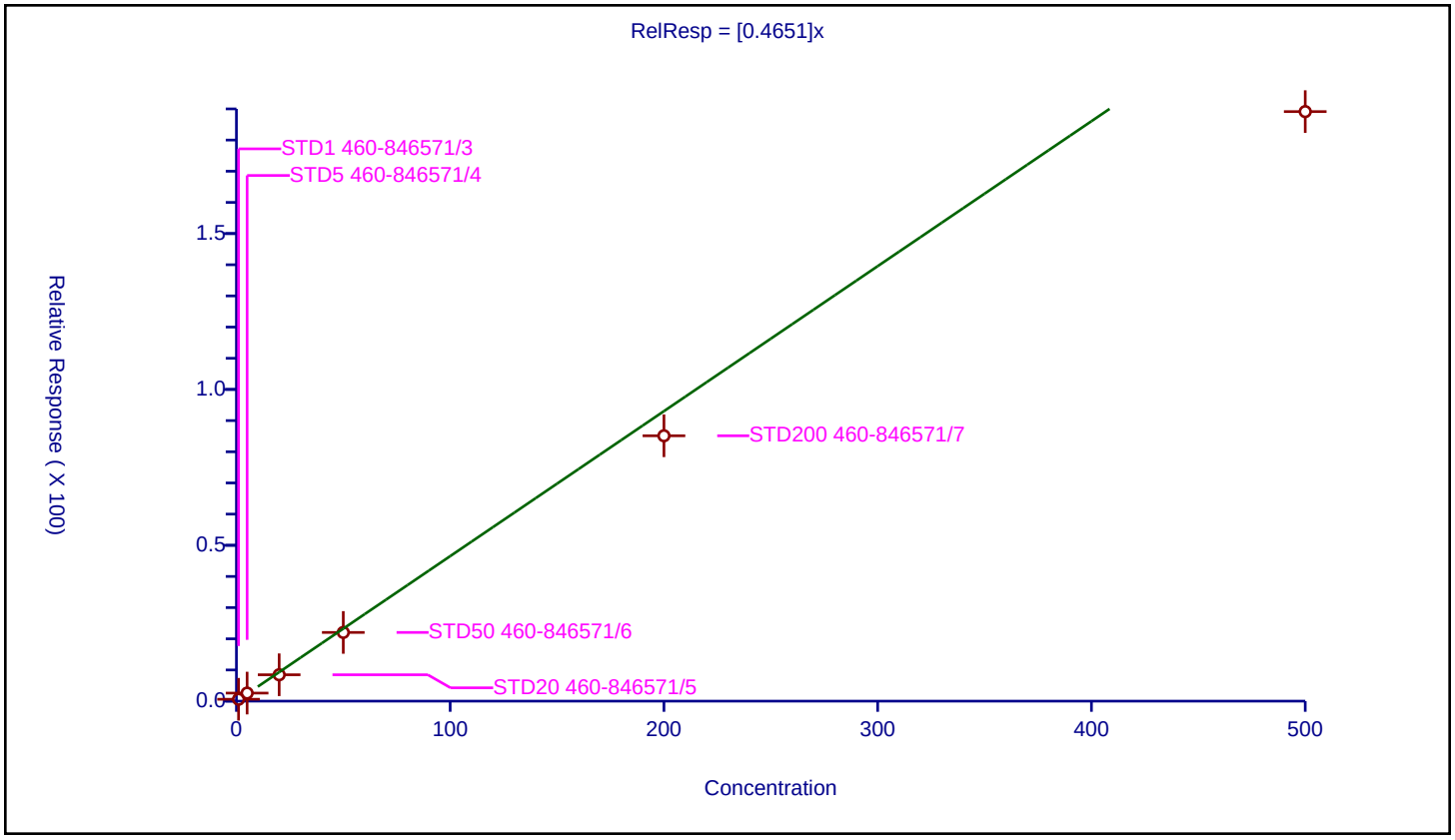
Curve Coefficients

Intercept:	0
Slope:	0.4651

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	17.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.605656	50.0	459584.0	0.605656	Y
2	STD5 460-846571/4	5.0	2.586778	50.0	480018.0	0.517356	Y
3	STD20 460-846571/5	20.0	8.461138	50.0	468489.0	0.423057	Y
4	STD50 460-846571/6	50.0	22.042217	50.0	501930.0	0.440844	Y
5	STD200 460-846571/7	200.0	85.131083	50.0	526232.0	0.425655	Y
6	STD500 460-846571/8	500.0	189.12723	50.0	540028.0	0.378254	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

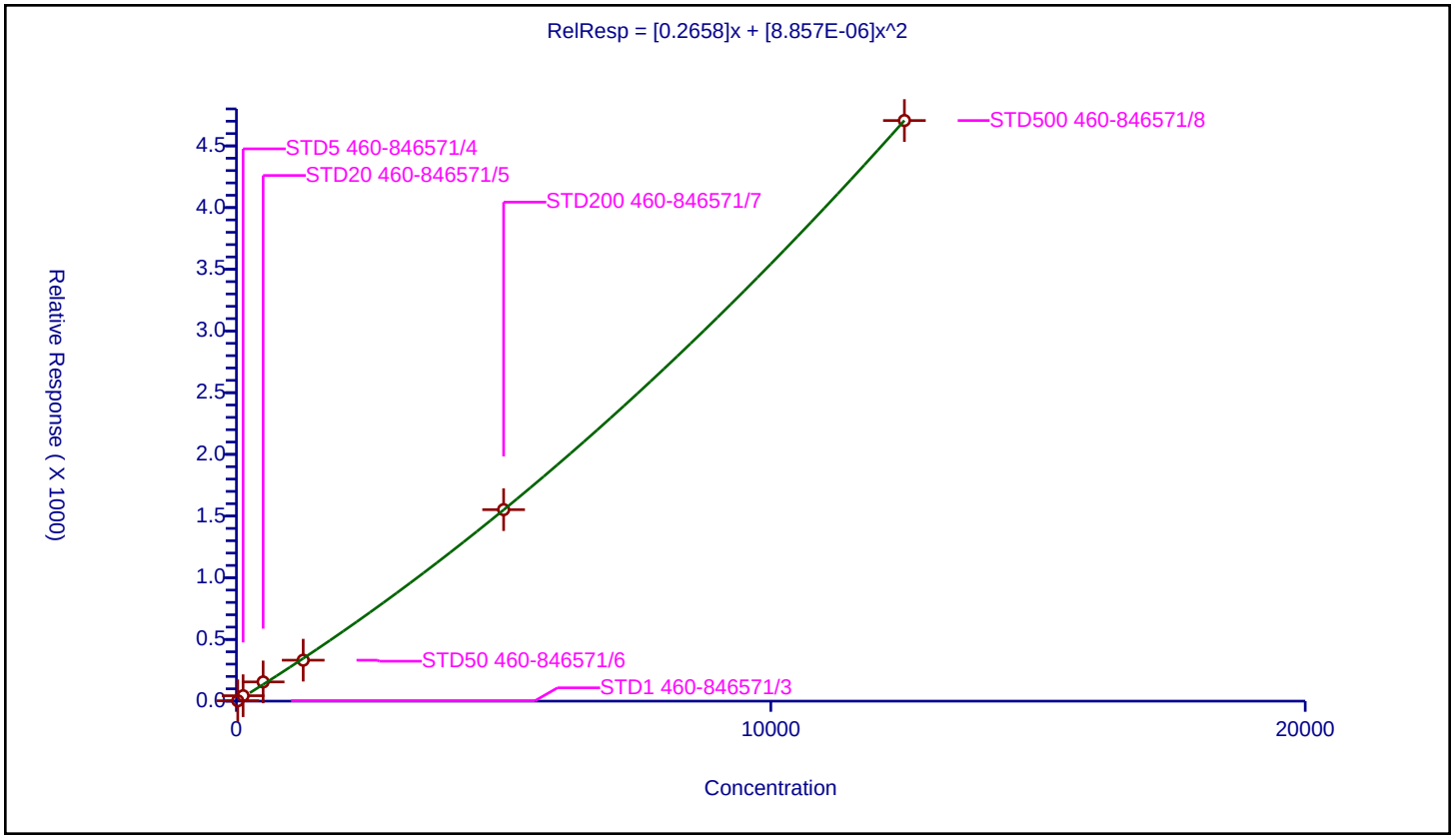
Curve Coefficients

Intercept:	0
Slope:	0.2658
Second Order:	8.857E-06

Error Coefficients

Standard Error:	779000
Relative Standard Error:	31.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	25.0	3.134938	1000.0	353117.0	0.125398	Y
2	STD5 460-846571/4	125.0	44.035005	1000.0	369774.0	0.35228	Y
3	STD20 460-846571/5	500.0	155.769607	1000.0	352251.0	0.311539	Y
4	STD50 460-846571/6	1250.0	331.808383	1000.0	383182.0	0.265447	Y
5	STD200 460-846571/7	5000.0	1551.828741	1000.0	358662.0	0.310366	Y
6	STD500 460-846571/8	12500.0	4705.690362	1000.0	308838.0	0.376455	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

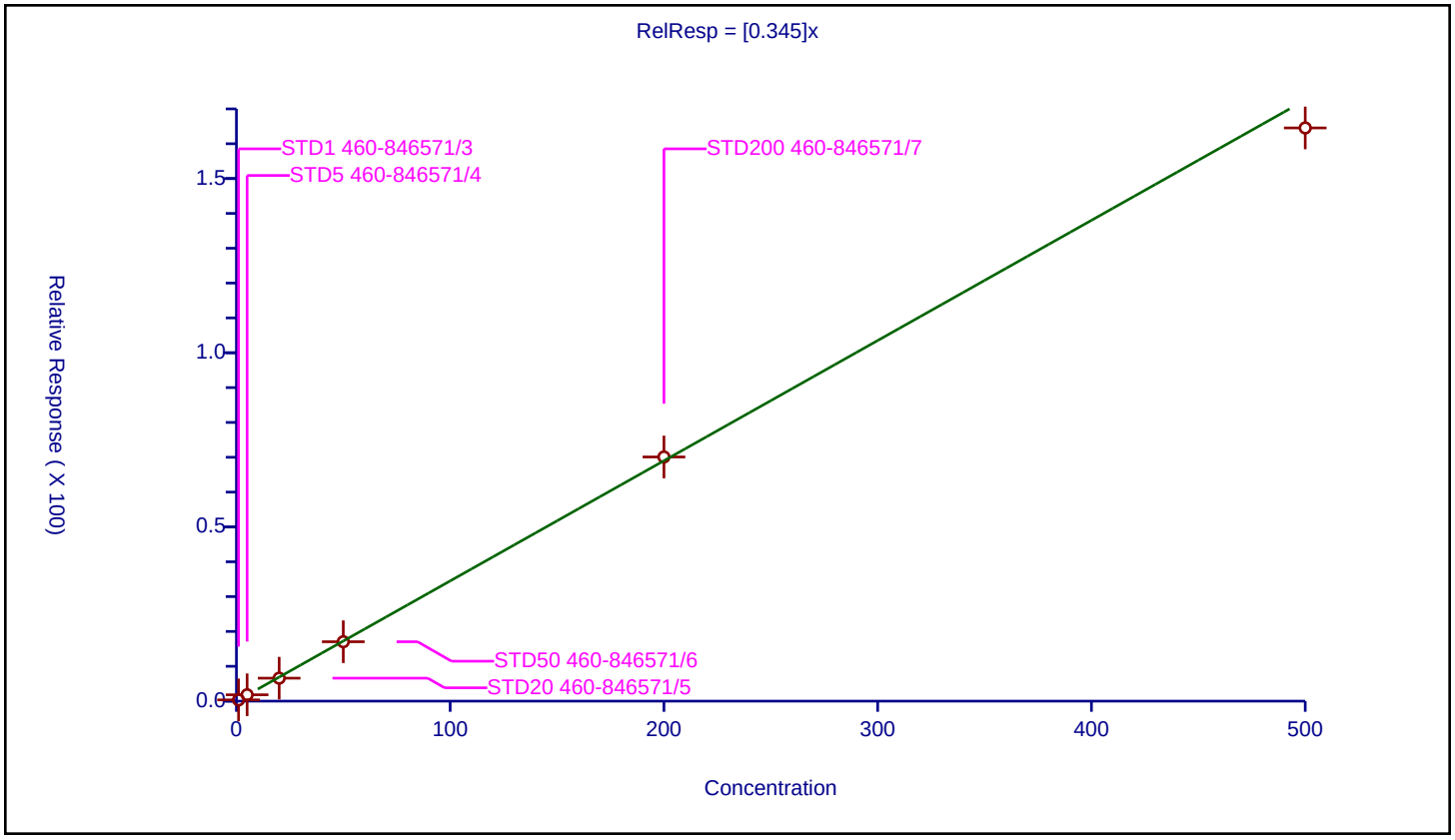
Curve Coefficients

Intercept:	0
Slope:	0.345

Error Coefficients

Standard Error:	864000
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	STD1 460-846571/3	1.0	0.354995	50.0	459584.0	0.354995	Y
2	STD5 460-846571/4	5.0	1.825244	50.0	480018.0	0.365049	Y
3	STD20 460-846571/5	20.0	6.593431	50.0	468489.0	0.329672	Y
4	STD50 460-846571/6	50.0	17.050087	50.0	501930.0	0.341002	Y
5	STD200 460-846571/7	200.0	70.087908	50.0	526232.0	0.35044	Y
6	STD500 460-846571/8	500.0	164.53008	50.0	540028.0	0.32906	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

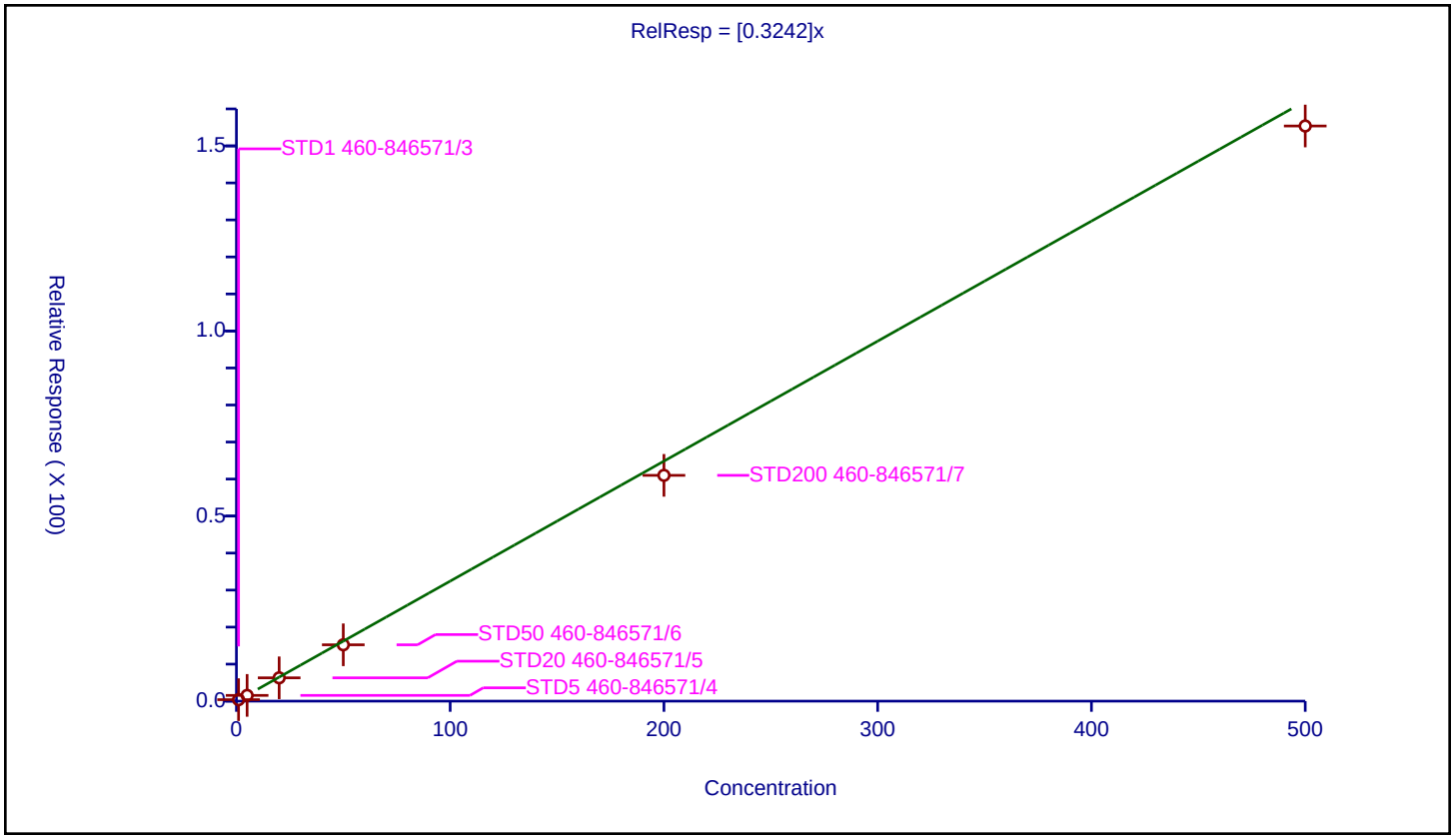
Curve Coefficients

Intercept:	0
Slope:	0.3242

Error Coefficients

Standard Error:	807000
Relative Standard Error:	11.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.399383	50.0	459584.0	0.399383	Y
2	STD5 460-846571/4	5.0	1.5539	50.0	480018.0	0.31078	Y
3	STD20 460-846571/5	20.0	6.297586	50.0	468489.0	0.314879	Y
4	STD50 460-846571/6	50.0	15.218855	50.0	501930.0	0.304377	Y
5	STD200 460-846571/7	200.0	61.001706	50.0	526232.0	0.305009	Y
6	STD500 460-846571/8	500.0	155.379351	50.0	540028.0	0.310759	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

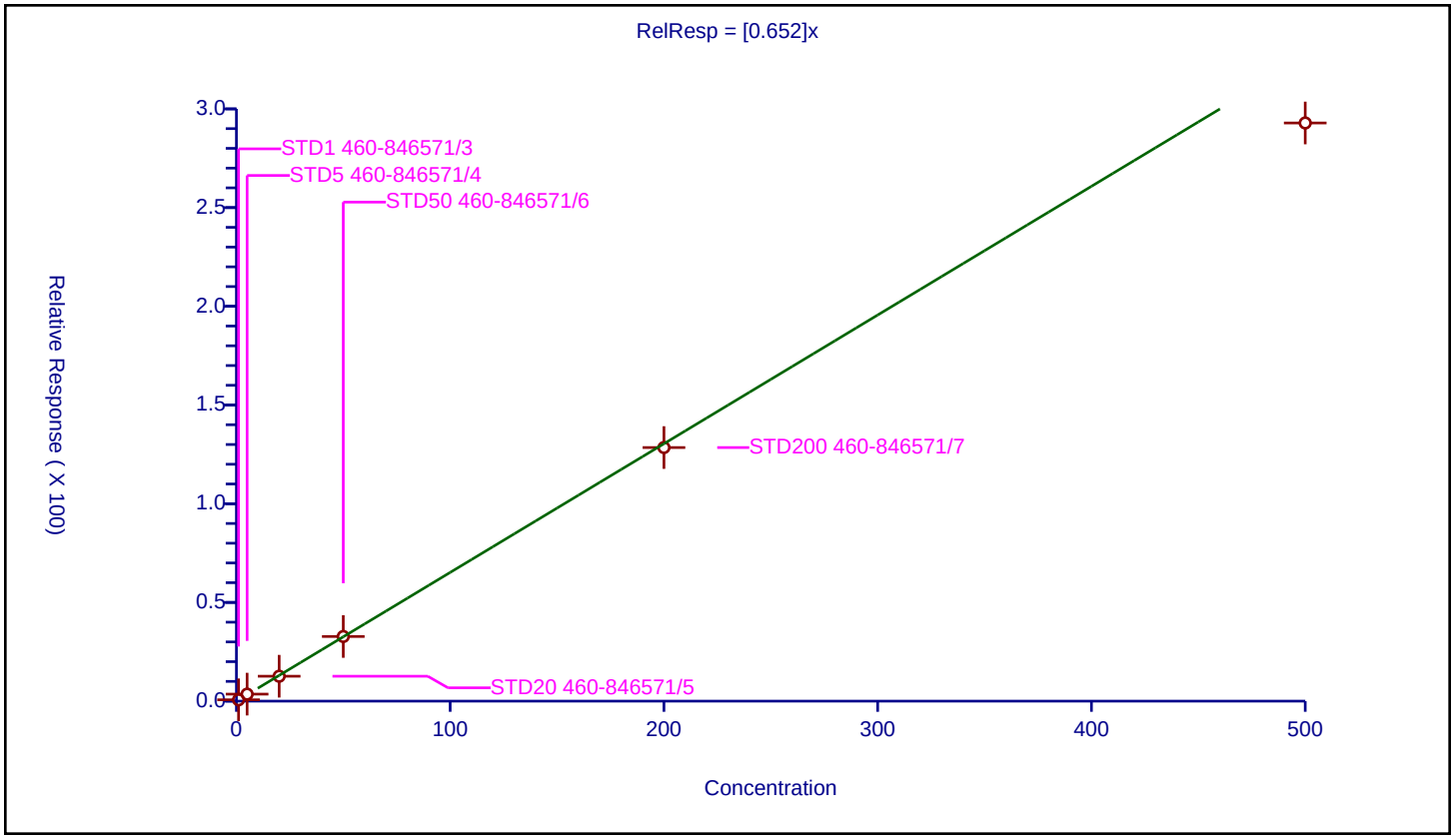
Curve Coefficients

Intercept:	0
Slope:	0.652

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.687361	50.0	459584.0	0.687361	Y
2	STD5 460-846571/4	5.0	3.552783	50.0	480018.0	0.710557	Y
3	STD20 460-846571/5	20.0	12.618012	50.0	468489.0	0.630901	Y
4	STD50 460-846571/6	50.0	32.748391	50.0	501930.0	0.654968	Y
5	STD200 460-846571/7	200.0	128.45741	50.0	526232.0	0.642287	Y
6	STD500 460-846571/8	500.0	292.856667	50.0	540028.0	0.585713	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

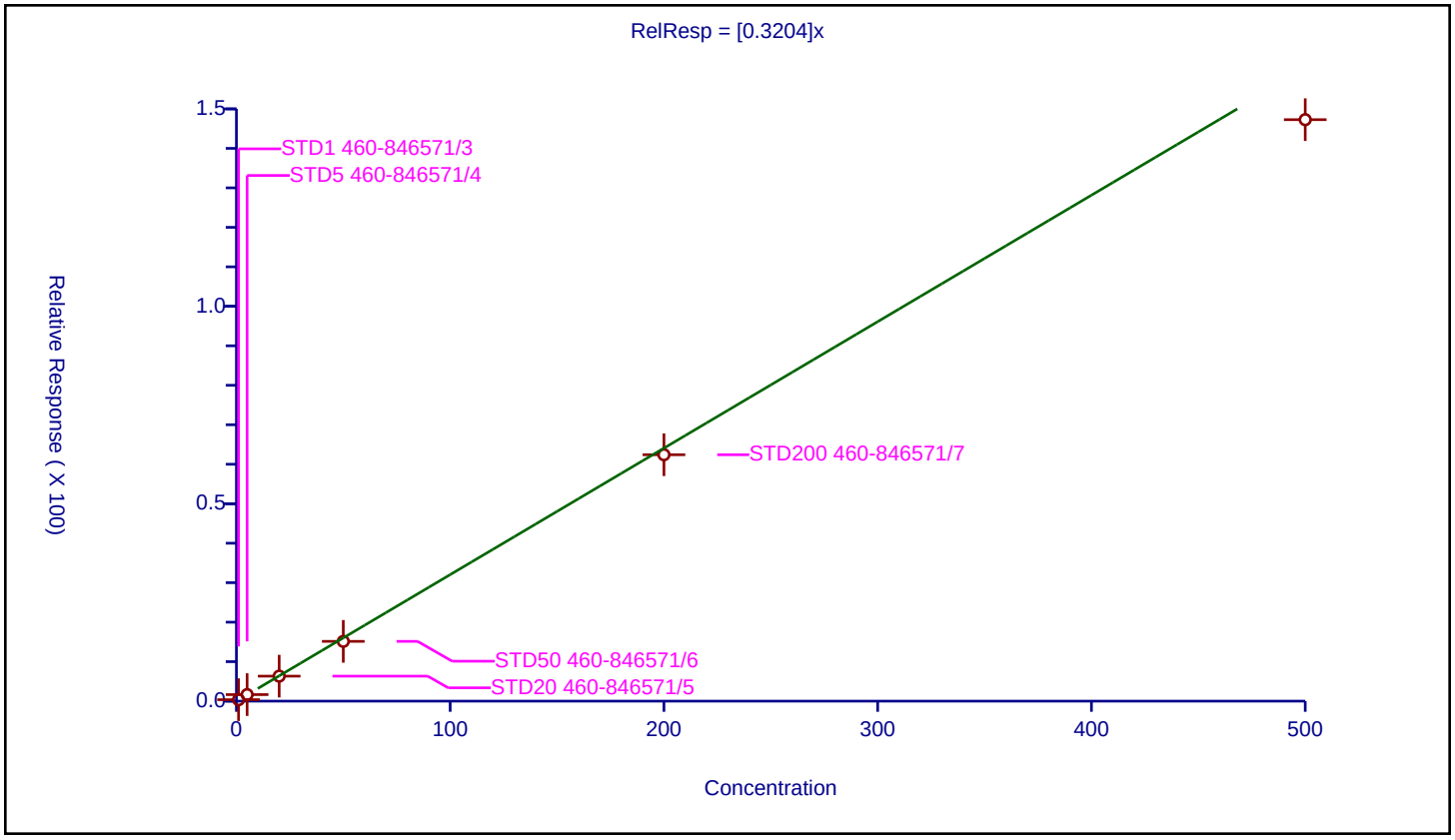
Curve Coefficients

Intercept:	0
Slope:	0.3204

Error Coefficients

Standard Error:	773000
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	STD1 460-846571/3	1.0	0.365004	50.0	459584.0	0.365004	Y
2	STD5 460-846571/4	5.0	1.656605	50.0	480018.0	0.331321	Y
3	STD20 460-846571/5	20.0	6.329391	50.0	468489.0	0.31647	Y
4	STD50 460-846571/6	50.0	15.13986	50.0	501930.0	0.302797	Y
5	STD200 460-846571/7	200.0	62.404605	50.0	526232.0	0.312023	Y
6	STD500 460-846571/8	500.0	147.267549	50.0	540028.0	0.294535	Y



Calibration / Dibromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

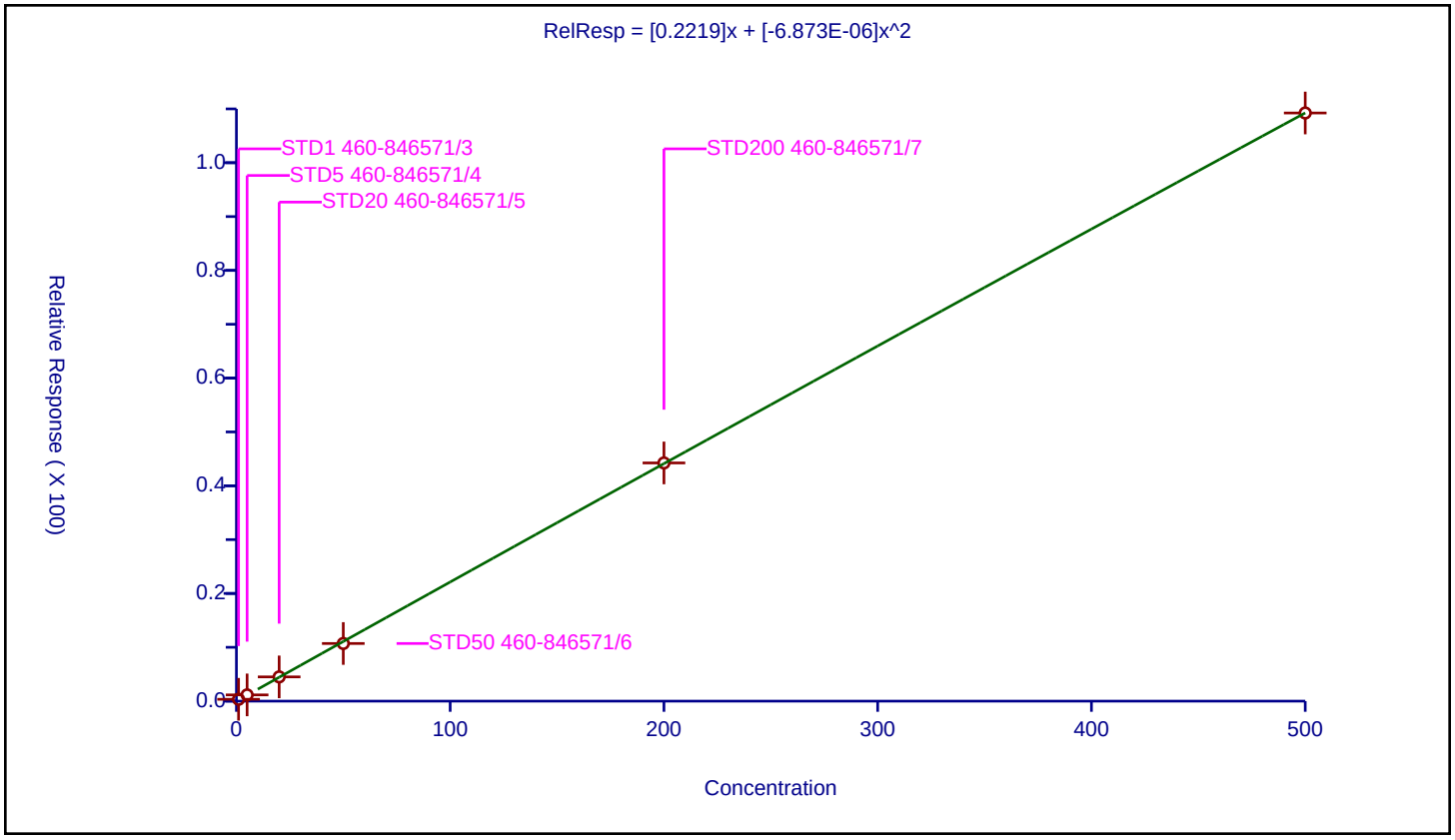
Curve Coefficients

Intercept:	0
Slope:	0.2219
Second Order:	-6.873E-06

Error Coefficients

Standard Error:	637000
Relative Standard Error:	27.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.344007	50.0	459584.0	0.344007	Y
2	STD5 460-846571/4	5.0	1.160061	50.0	480018.0	0.232012	Y
3	STD20 460-846571/5	20.0	4.505976	50.0	468489.0	0.225299	Y
4	STD50 460-846571/6	50.0	10.707967	50.0	501930.0	0.214159	Y
5	STD200 460-846571/7	200.0	44.239423	50.0	526232.0	0.221197	Y
6	STD500 460-846571/8	500.0	109.237947	50.0	540028.0	0.218476	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

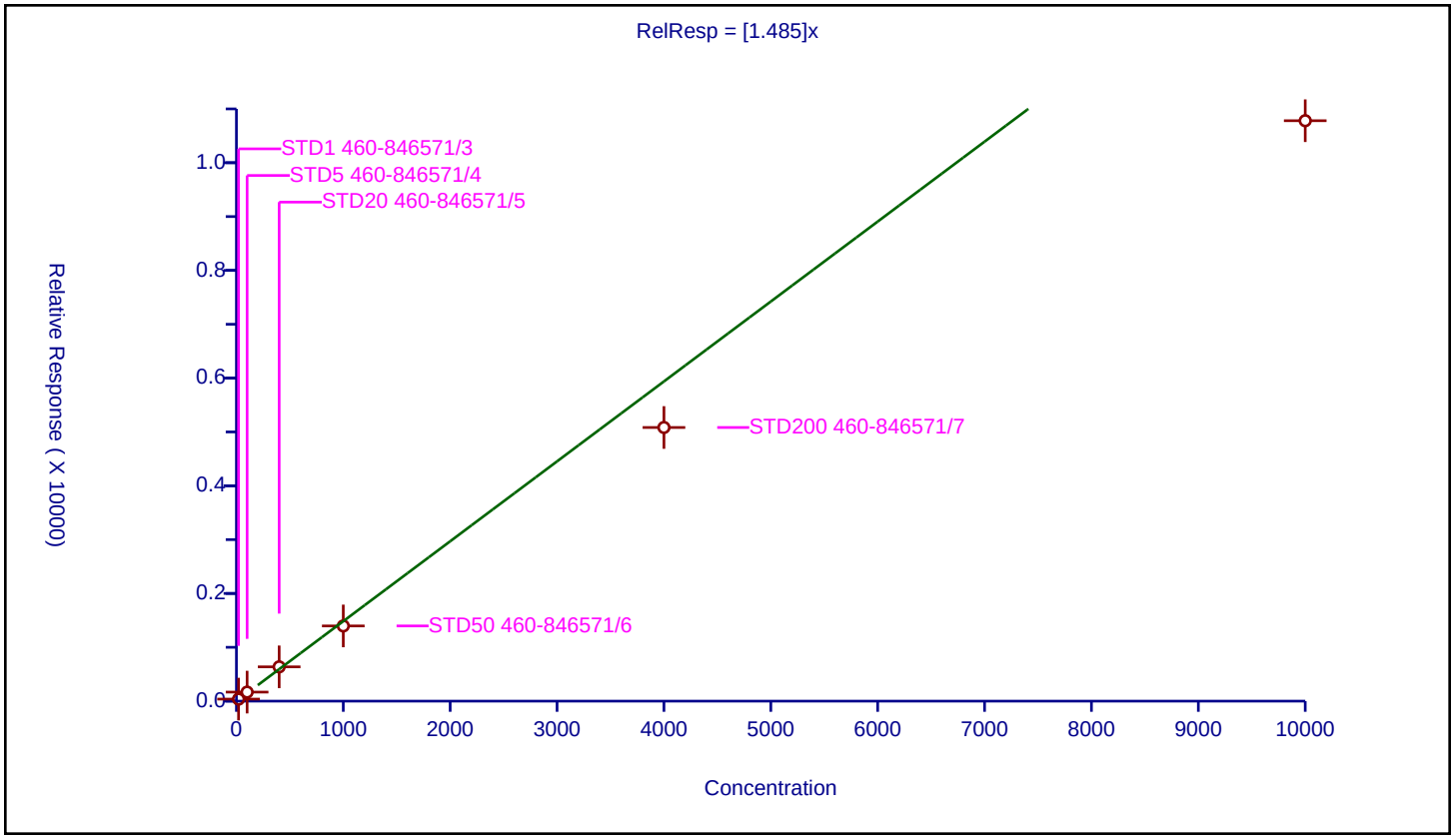
Curve Coefficients

Intercept:	0
Slope:	1.485

Error Coefficients

Standard Error:	186000
Relative Standard Error:	19.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	20.0	37.802419	1000.0	27776.0	1.890121	Y
2	STD5 460-846571/4	100.0	167.879127	1000.0	28592.0	1.678791	Y
3	STD20 460-846571/5	400.0	637.064564	1000.0	28793.0	1.592661	Y
4	STD50 460-846571/6	1000.0	1396.885492	1000.0	27998.0	1.396885	Y
5	STD200 460-846571/7	4000.0	5082.773247	1000.0	33477.0	1.270693	Y
6	STD500 460-846571/8	10000.0	10780.586562	1000.0	36552.0	1.078059	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

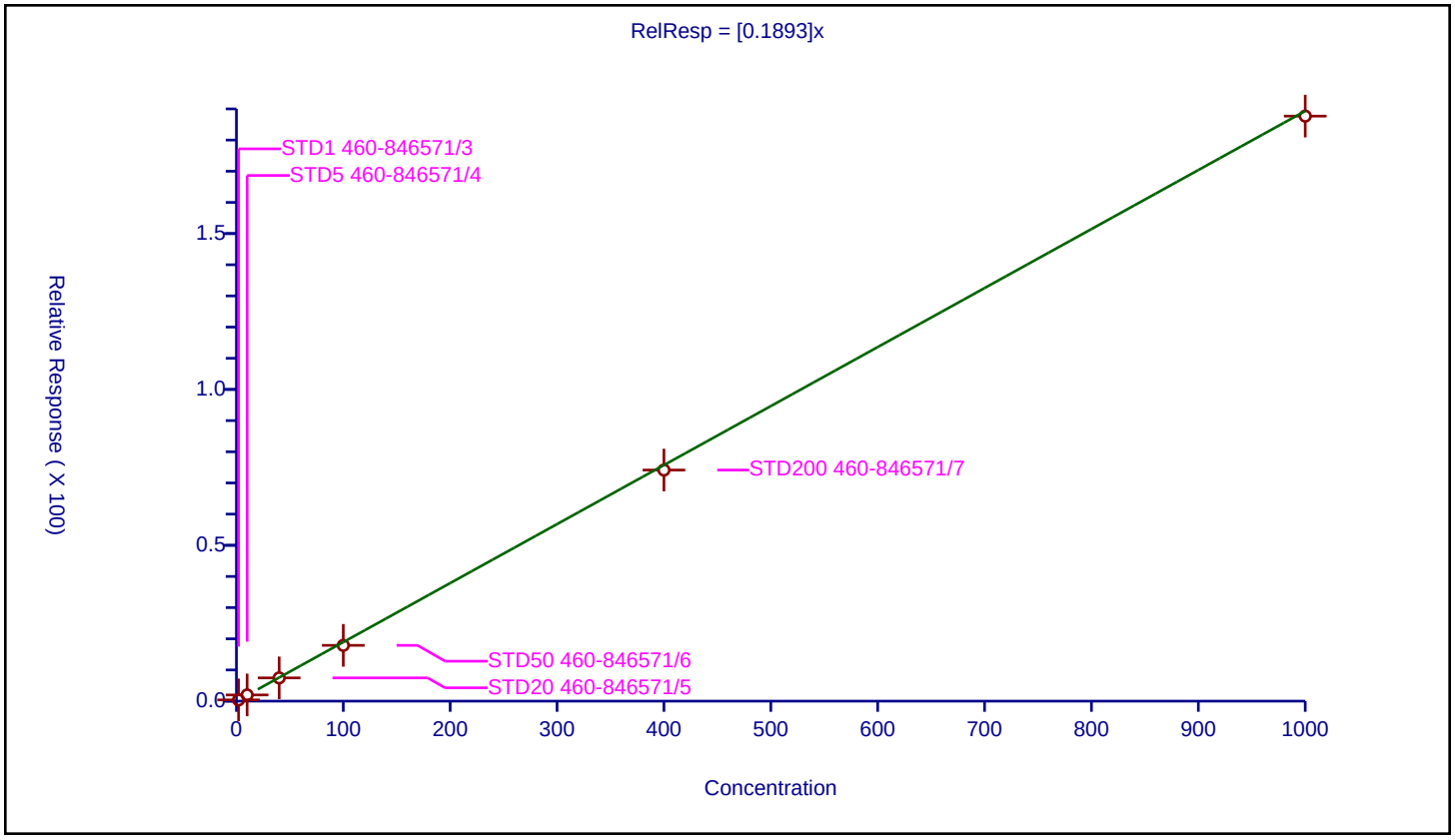
Curve Coefficients

Intercept:	0
Slope:	0.1893

Error Coefficients

Standard Error:	975000
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	STD1 460-846571/3	2.0	0.397642	50.0	459584.0	0.198821	Y
2	STD5 460-846571/4	10.0	1.986071	50.0	480018.0	0.198607	Y
3	STD20 460-846571/5	40.0	7.457165	50.0	468489.0	0.186429	Y
4	STD50 460-846571/6	100.0	17.898113	50.0	501930.0	0.178981	Y
5	STD200 460-846571/7	400.0	74.136313	50.0	526232.0	0.185341	Y
6	STD500 460-846571/8	1000.0	187.683231	50.0	540028.0	0.187683	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

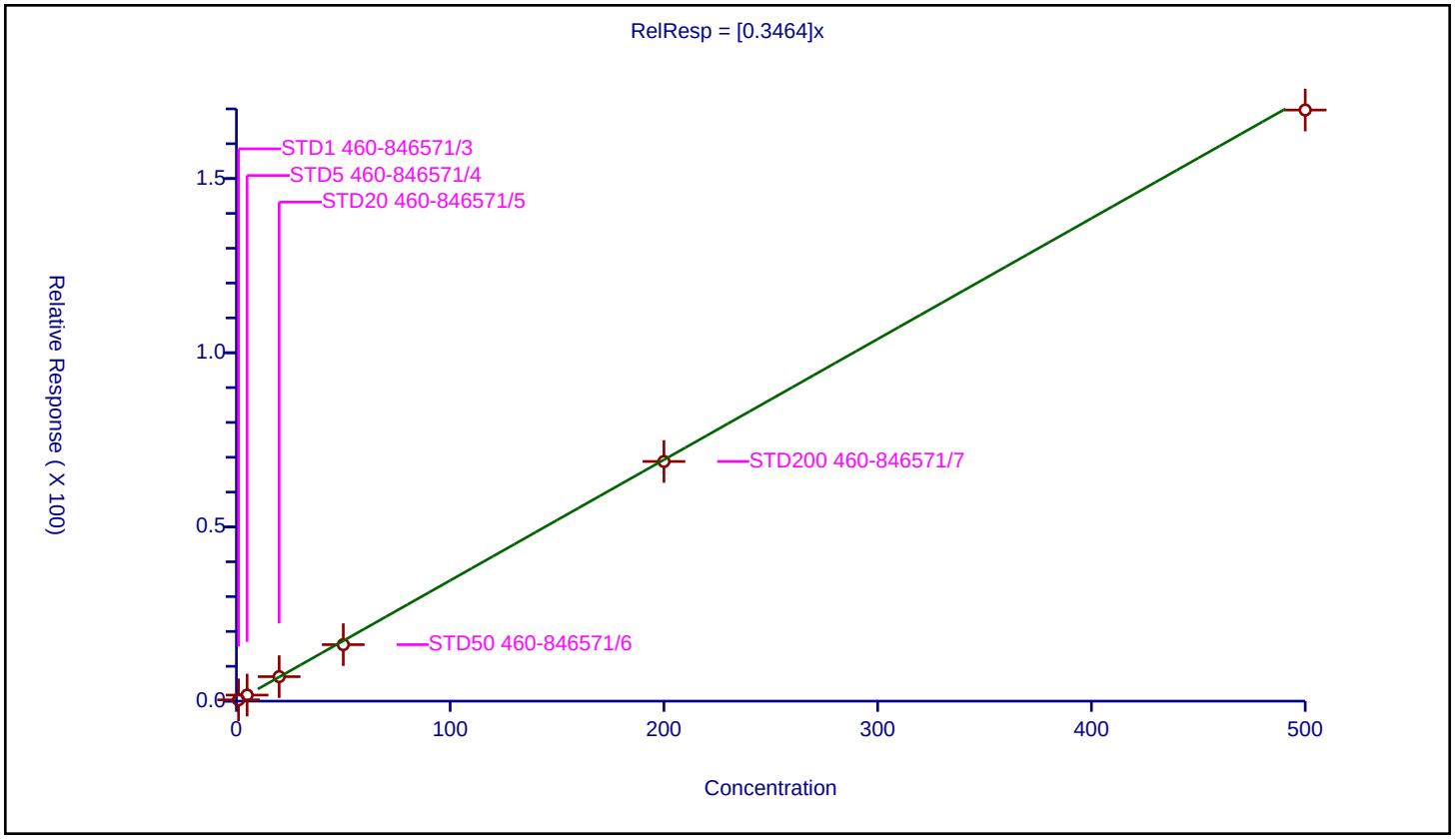
Curve Coefficients

Intercept:	0
Slope:	0.3464

Error Coefficients

Standard Error:	885000
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	STD1 460-846571/3	1.0	0.371749	50.0	459584.0	0.371749	Y
2	STD5 460-846571/4	5.0	1.739101	50.0	480018.0	0.34782	Y
3	STD20 460-846571/5	20.0	7.027059	50.0	468489.0	0.351353	Y
4	STD50 460-846571/6	50.0	16.218895	50.0	501930.0	0.324378	Y
5	STD200 460-846571/7	200.0	68.795417	50.0	526232.0	0.343977	Y
6	STD500 460-846571/8	500.0	169.674721	50.0	540028.0	0.339349	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

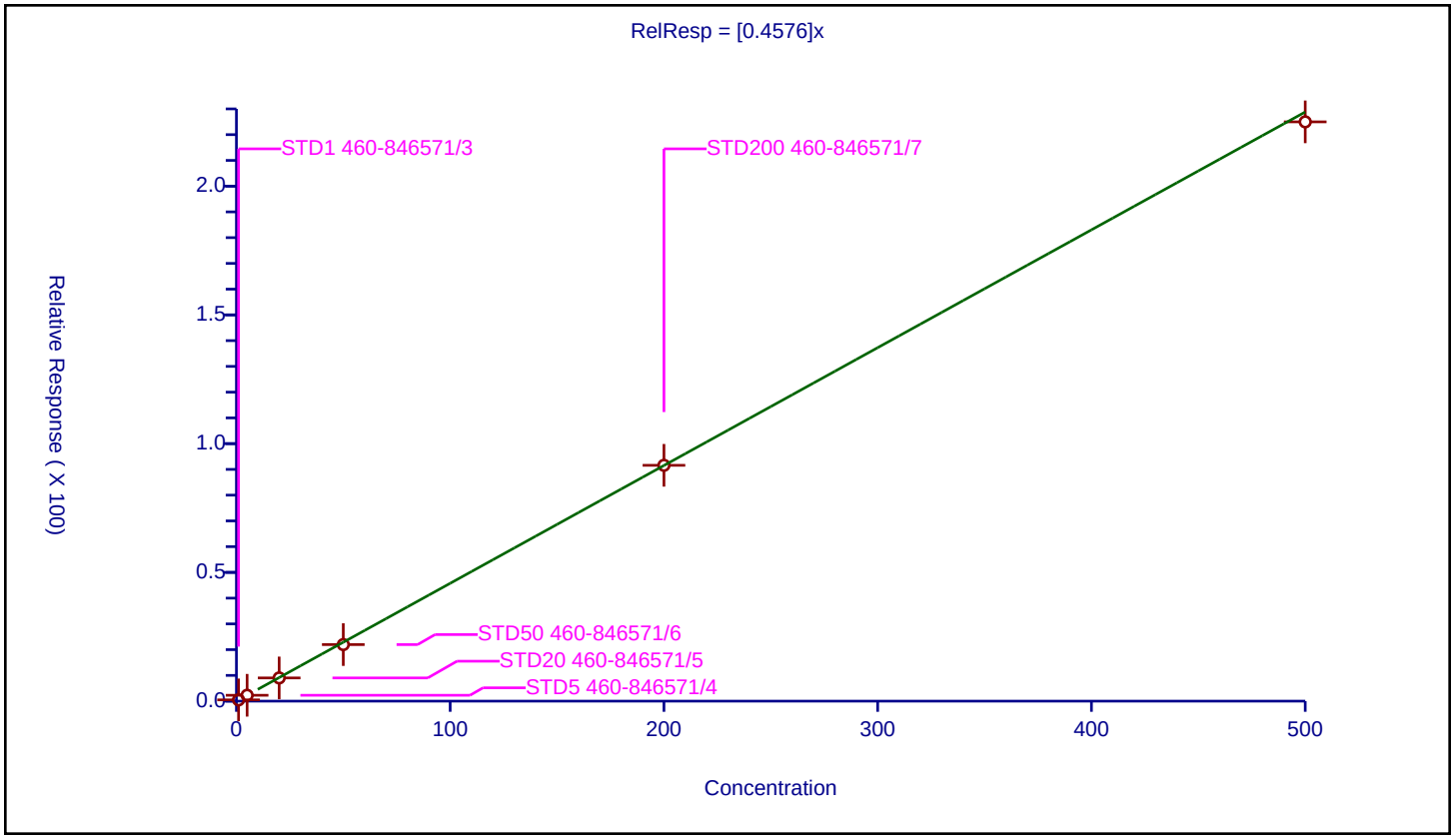
Curve Coefficients

Intercept:	0
Slope:	0.4576

Error Coefficients

Standard Error:	1170000
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	STD1 460-846571/3	1.0	0.492075	50.0	459584.0	0.492075	Y
2	STD5 460-846571/4	5.0	2.276685	50.0	480018.0	0.455337	Y
3	STD20 460-846571/5	20.0	9.016861	50.0	468489.0	0.450843	Y
4	STD50 460-846571/6	50.0	21.968004	50.0	501930.0	0.43936	Y
5	STD200 460-846571/7	200.0	91.58033	50.0	526232.0	0.457902	Y
6	STD500 460-846571/8	500.0	224.962502	50.0	540028.0	0.449925	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

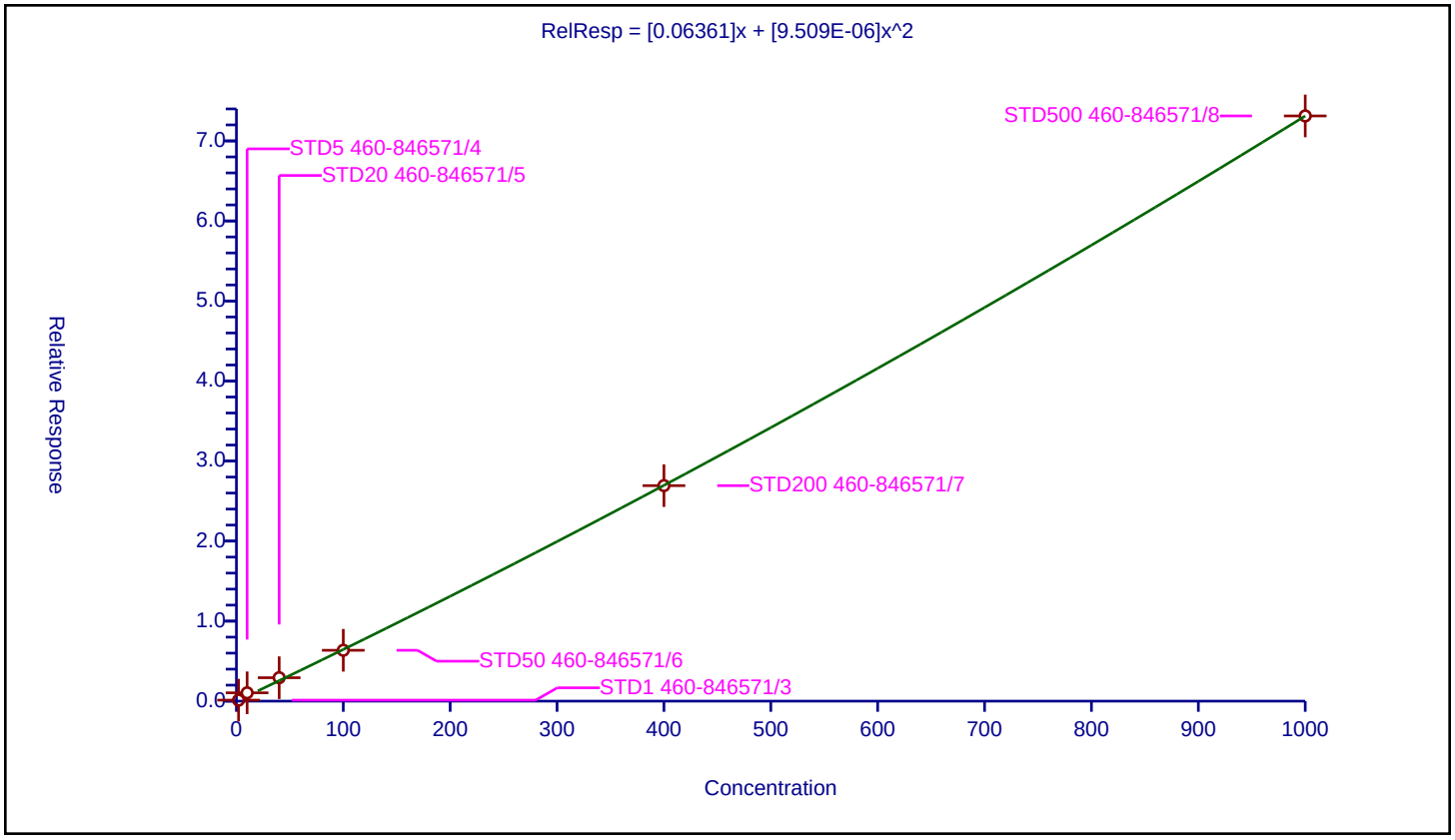
Curve Coefficients

Intercept:	0
Slope:	0.06361
Second Order:	9.509E-06

Error Coefficients

Standard Error:	421000
Relative Standard Error:	32.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	2.0	0.124352	50.0	459584.0	0.062176	Y
2	STD5 460-846571/4	10.0	1.041107	50.0	480018.0	0.104111	Y
3	STD20 460-846571/5	40.0	2.925469	50.0	468489.0	0.073137	Y
4	STD50 460-846571/6	100.0	6.353774	50.0	501930.0	0.063538	Y
5	STD200 460-846571/7	400.0	26.926907	50.0	526232.0	0.067317	Y
6	STD500 460-846571/8	1000.0	73.121671	50.0	540028.0	0.073122	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

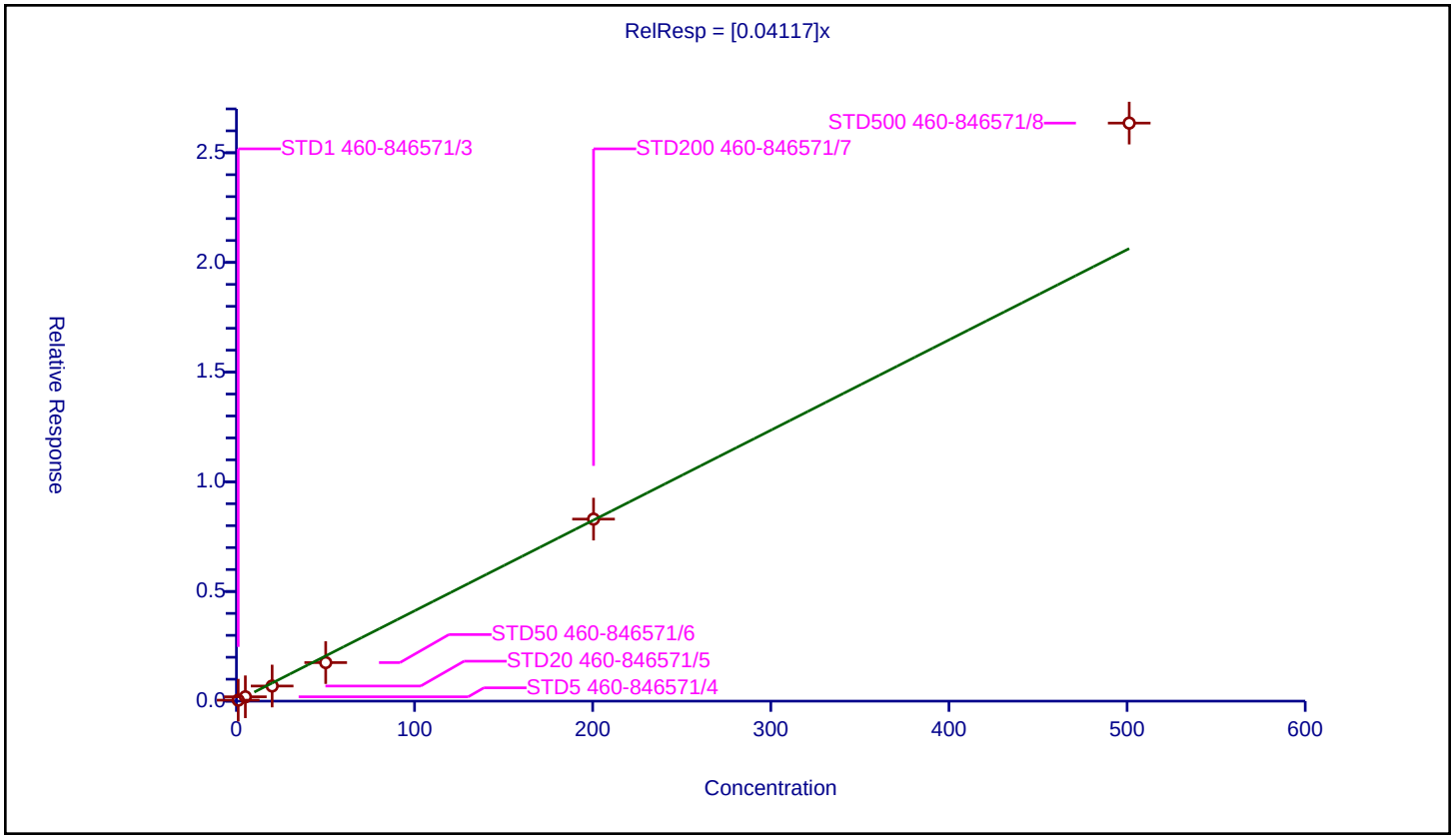
Curve Coefficients

Intercept:	0
Slope:	0.04117

Error Coefficients

Standard Error:	133000
Relative Standard Error:	16.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0024	0.044062	50.0	459584.0	0.043956	Y
2	STD5 460-846571/4	5.012	0.198534	50.0	480018.0	0.039612	Y
3	STD20 460-846571/5	20.048	0.689664	50.0	468489.0	0.034401	Y
4	STD50 460-846571/6	50.12	1.757416	50.0	501930.0	0.035064	Y
5	STD200 460-846571/7	200.48	8.298241	50.0	526232.0	0.041392	Y
6	STD500 460-846571/8	501.2	26.352893	50.0	540028.0	0.05258	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

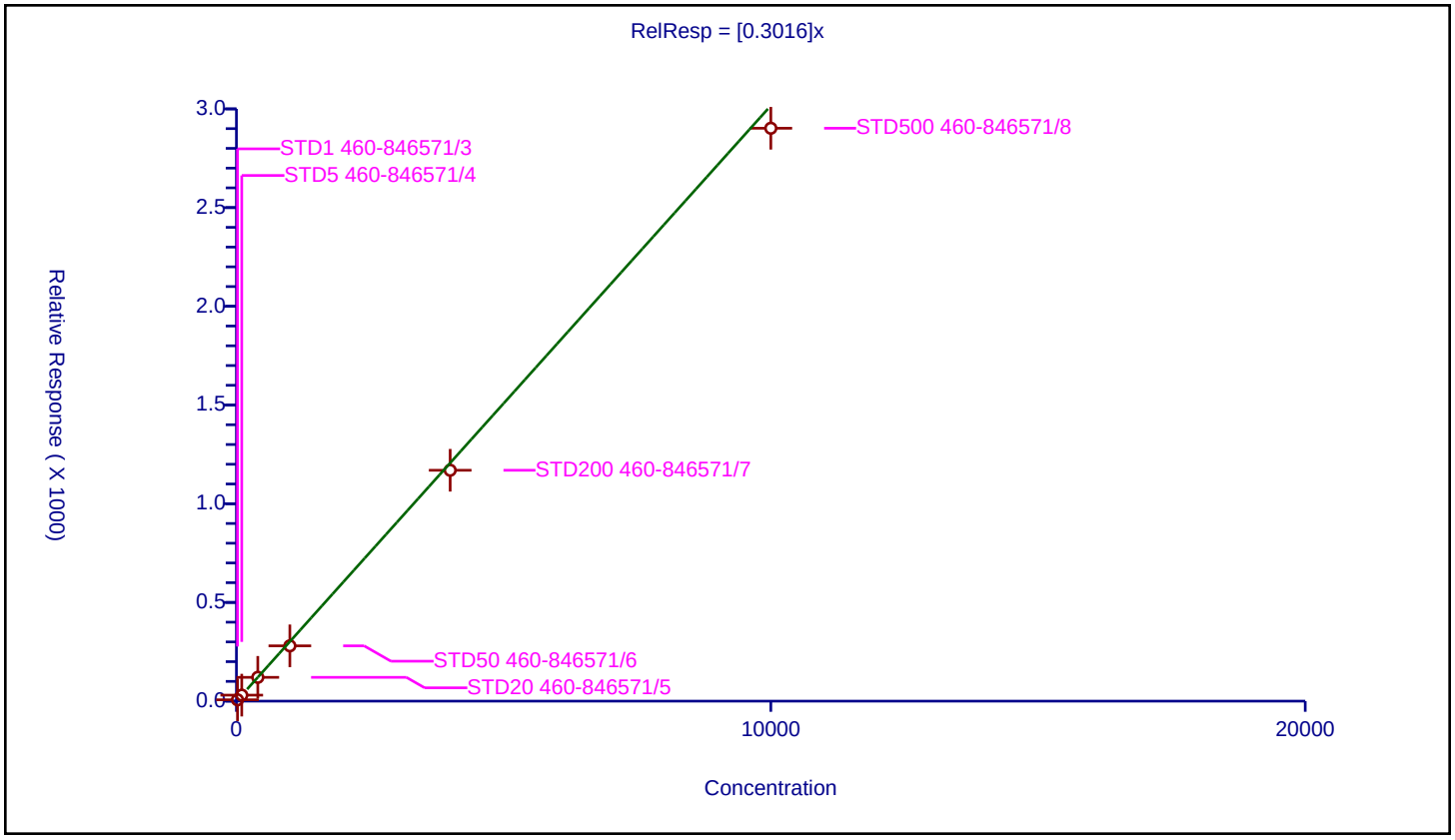
Curve Coefficients

Intercept:	0
Slope:	0.3016

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	20.000035	6.842187	250.0	207061.0	0.342109	Y
2	STD5 460-846571/4	100.000173	30.364382	250.0	219056.0	0.303643	Y
3	STD20 460-846571/5	400.000692	120.518941	250.0	209465.0	0.301297	Y
4	STD50 460-846571/6	1000.00173	280.170677	250.0	225865.0	0.28017	Y
5	STD200 460-846571/7	4000.00692	1169.555855	250.0	243119.0	0.292388	Y
6	STD500 460-846571/8	10000.0173	2901.936888	250.0	260108.0	0.290193	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

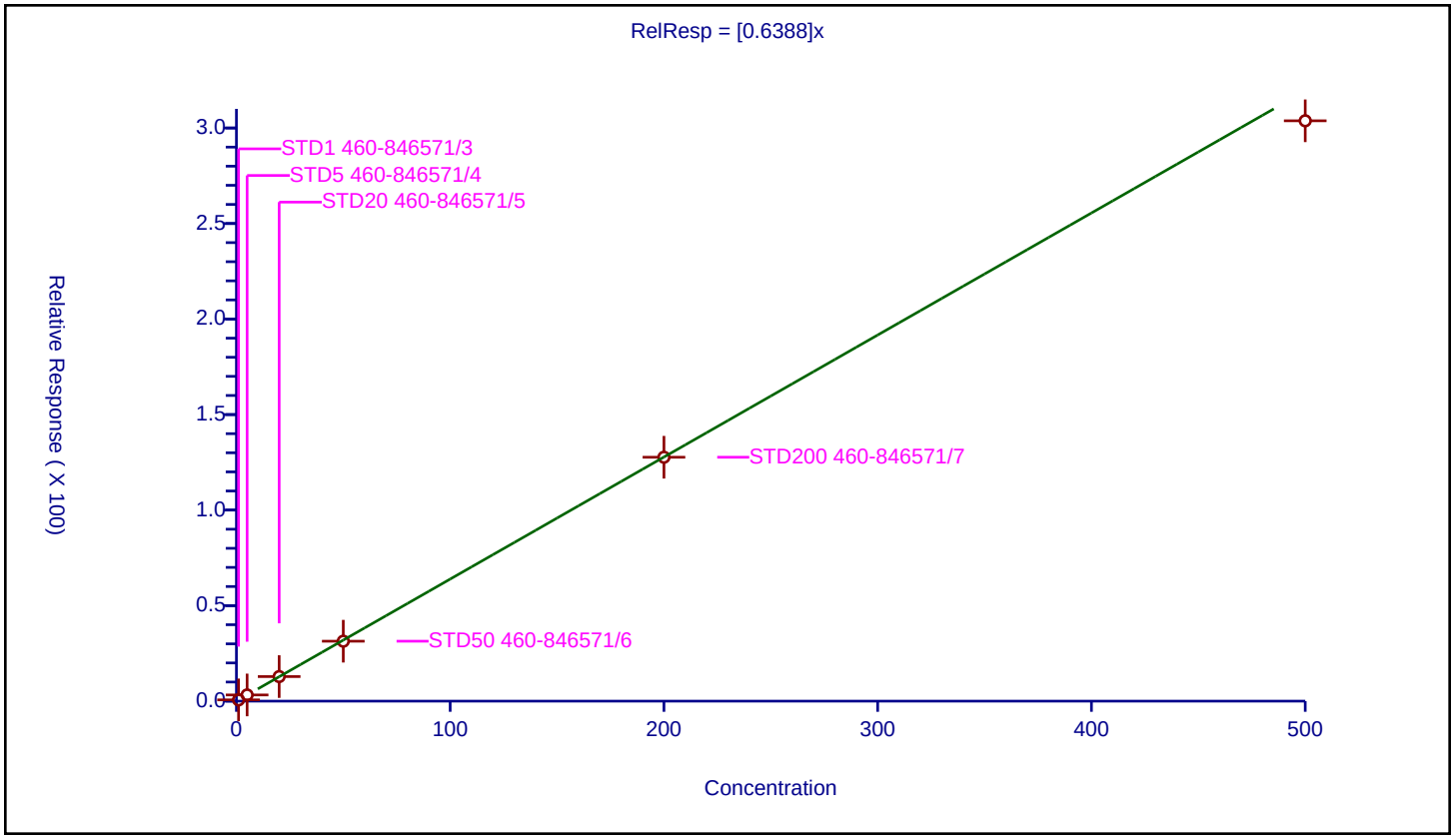
Curve Coefficients

Intercept:	0
Slope:	0.6388

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.666986	50.0	350982.0	0.666986	Y
2	STD5 460-846571/4	5.0	3.246585	50.0	363351.0	0.649317	Y
3	STD20 460-846571/5	20.0	12.861652	50.0	354830.0	0.643083	Y
4	STD50 460-846571/6	50.0	31.375817	50.0	375893.0	0.627516	Y
5	STD200 460-846571/7	200.0	127.665786	50.0	411239.0	0.638329	Y
6	STD500 460-846571/8	500.0	303.774586	50.0	443042.0	0.607549	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

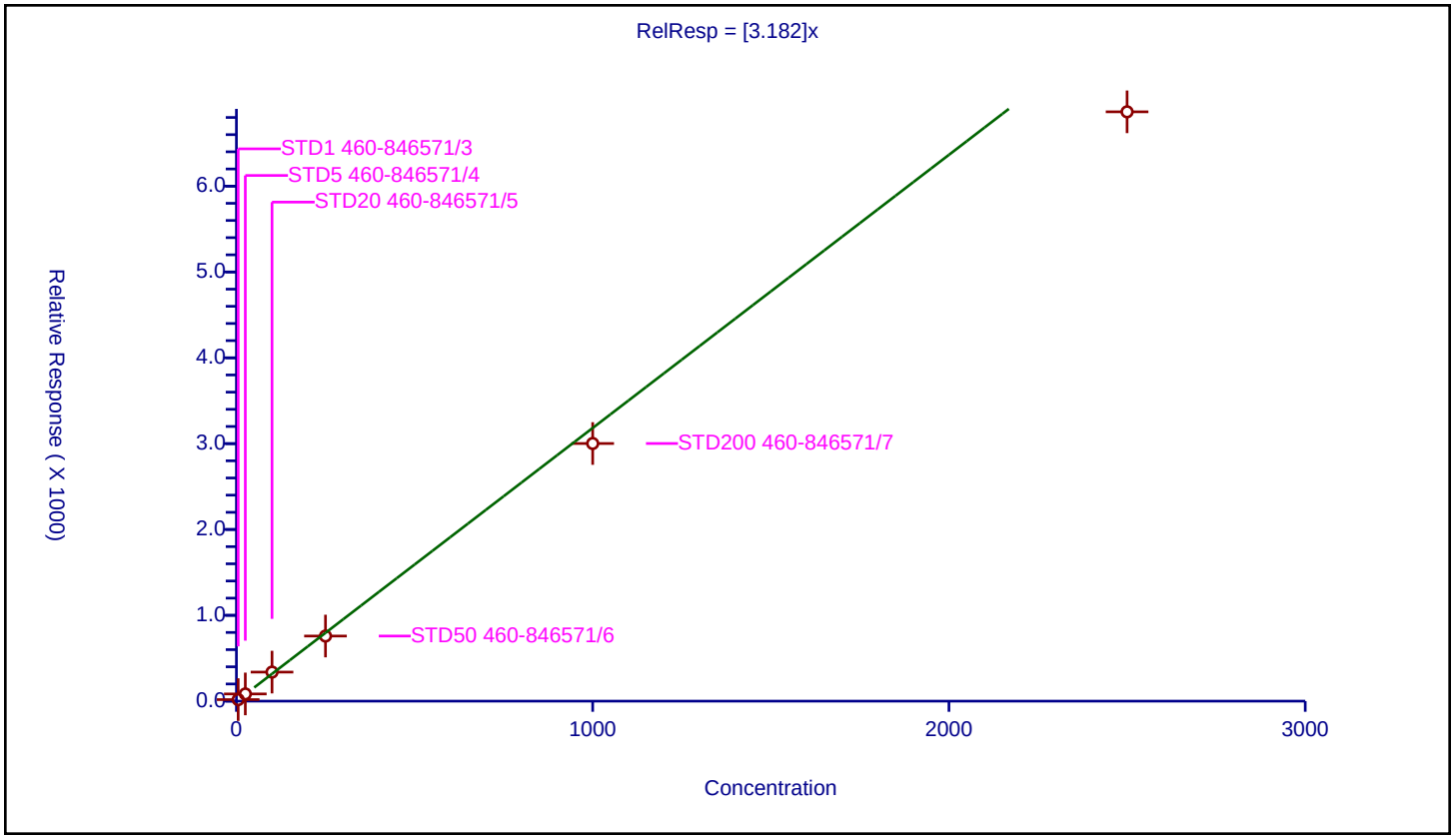
Curve Coefficients

Intercept:	0
Slope:	3.182

Error Coefficients

Standard Error:	3460000
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	STD1 460-846571/3	5.0	17.843776	250.0	207061.0	3.568755	Y
2	STD5 460-846571/4	25.0	83.980809	250.0	219056.0	3.359232	Y
3	STD20 460-846571/5	100.0	338.463466	250.0	209465.0	3.384635	Y
4	STD50 460-846571/6	250.0	758.486264	250.0	225865.0	3.033945	Y
5	STD200 460-846571/7	1000.0	3001.688474	250.0	243119.0	3.001688	Y
6	STD500 460-846571/8	2500.0	6865.832654	250.0	260108.0	2.746333	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

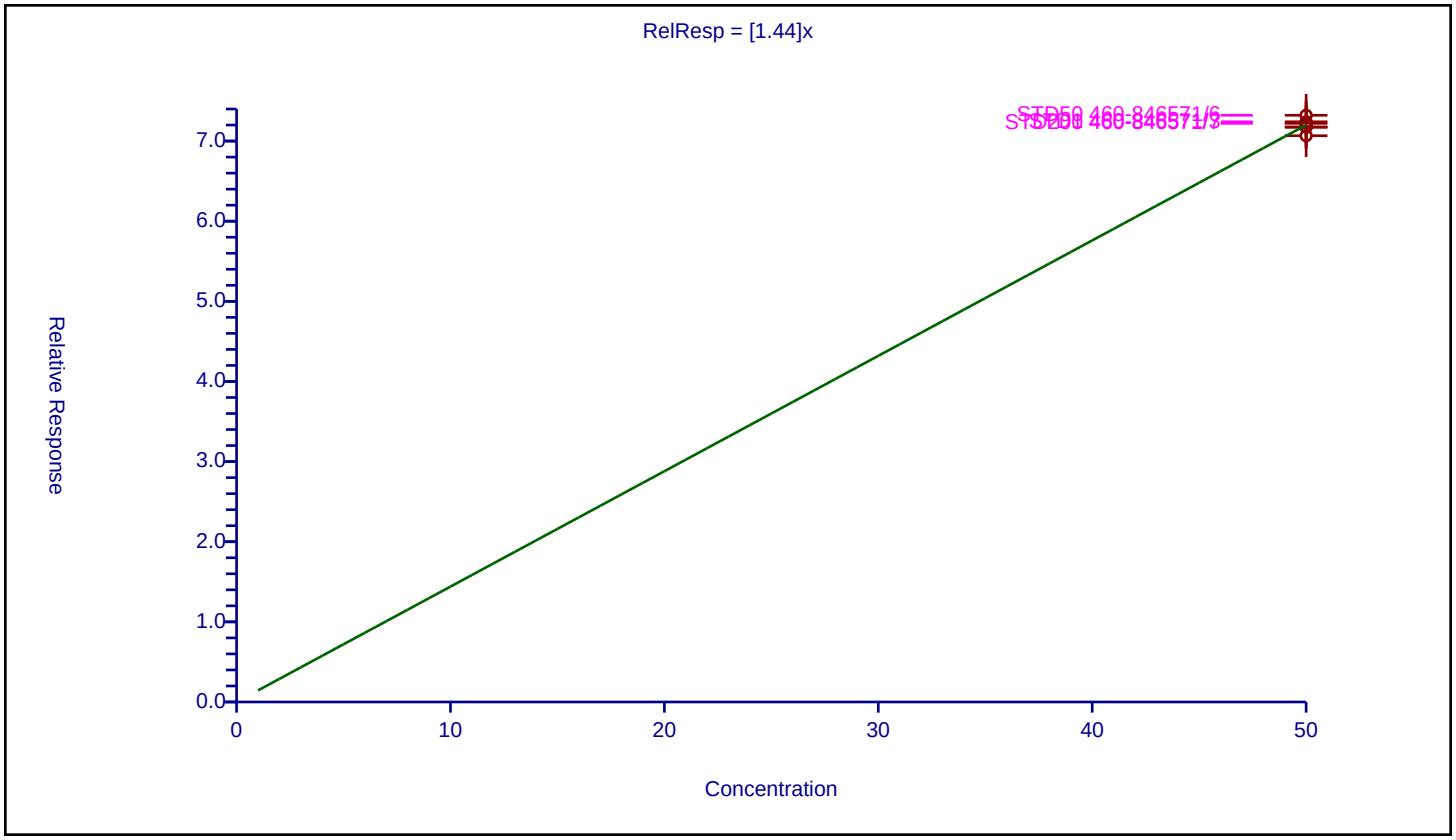
Curve Coefficients

Intercept:	0
Slope:	1.44

Error Coefficients

Standard Error:	606000
Relative Standard Error:	1.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	50.0	72.404568	50.0	350982.0	1.448091	Y
2	STD5 460-846571/4	50.0	71.731191	50.0	363351.0	1.434624	Y
3	STD20 460-846571/5	50.0	71.757743	50.0	354830.0	1.435155	Y
4	STD50 460-846571/6	50.0	73.217511	50.0	375893.0	1.46435	Y
5	STD200 460-846571/7	50.0	72.210685	50.0	411239.0	1.444214	Y
6	STD500 460-846571/8	50.0	70.666099	50.0	443042.0	1.413322	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

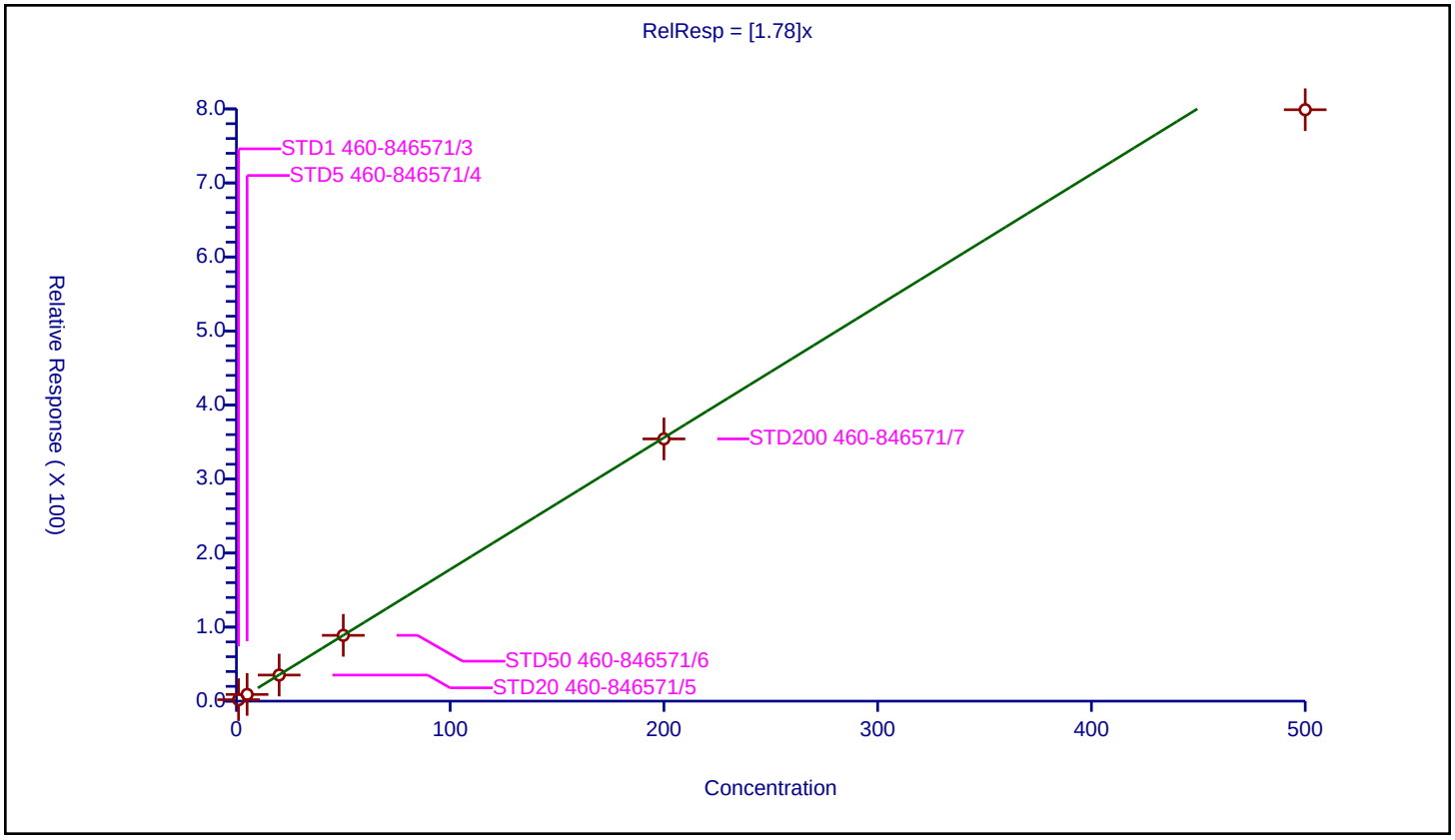
Curve Coefficients

Intercept:	0
Slope:	1.78

Error Coefficients

Standard Error:	3440000
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	STD1 460-846571/3	1.0	1.958932	50.0	350982.0	1.958932	Y
2	STD5 460-846571/4	5.0	9.05034	50.0	363351.0	1.810068	Y
3	STD20 460-846571/5	20.0	35.243638	50.0	354830.0	1.762182	Y
4	STD50 460-846571/6	50.0	88.879548	50.0	375893.0	1.777591	Y
5	STD200 460-846571/7	200.0	354.209353	50.0	411239.0	1.771047	Y
6	STD500 460-846571/8	500.0	798.872793	50.0	443042.0	1.597746	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

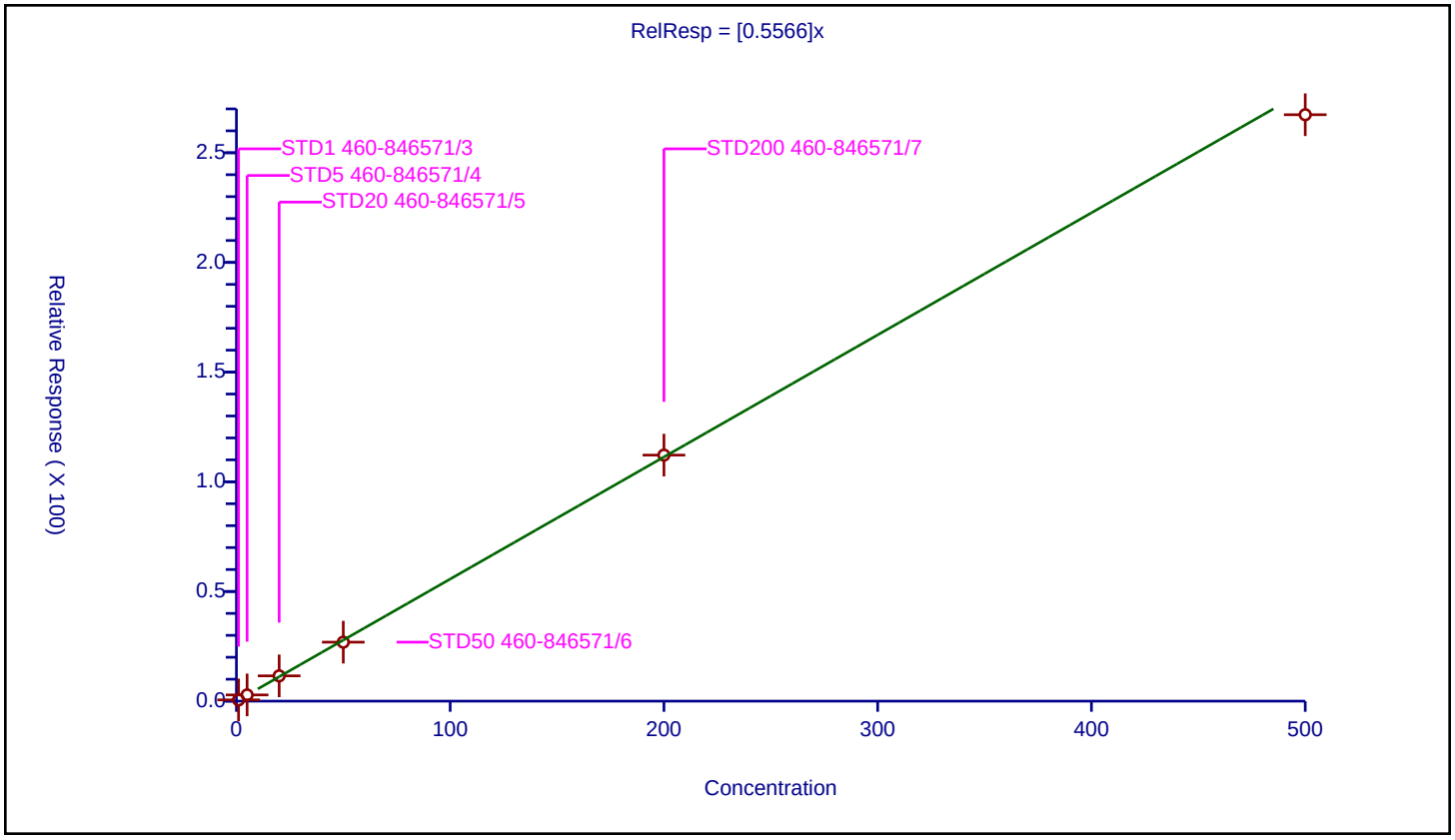
Curve Coefficients

Intercept:	0
Slope:	0.5566

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.561425	50.0	350982.0	0.561425	Y
2	STD5 460-846571/4	5.0	2.839541	50.0	363351.0	0.567908	Y
3	STD20 460-846571/5	20.0	11.534397	50.0	354830.0	0.57672	Y
4	STD50 460-846571/6	50.0	26.890764	50.0	375893.0	0.537815	Y
5	STD200 460-846571/7	200.0	112.16604	50.0	411239.0	0.56083	Y
6	STD500 460-846571/8	500.0	267.346775	50.0	443042.0	0.534694	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

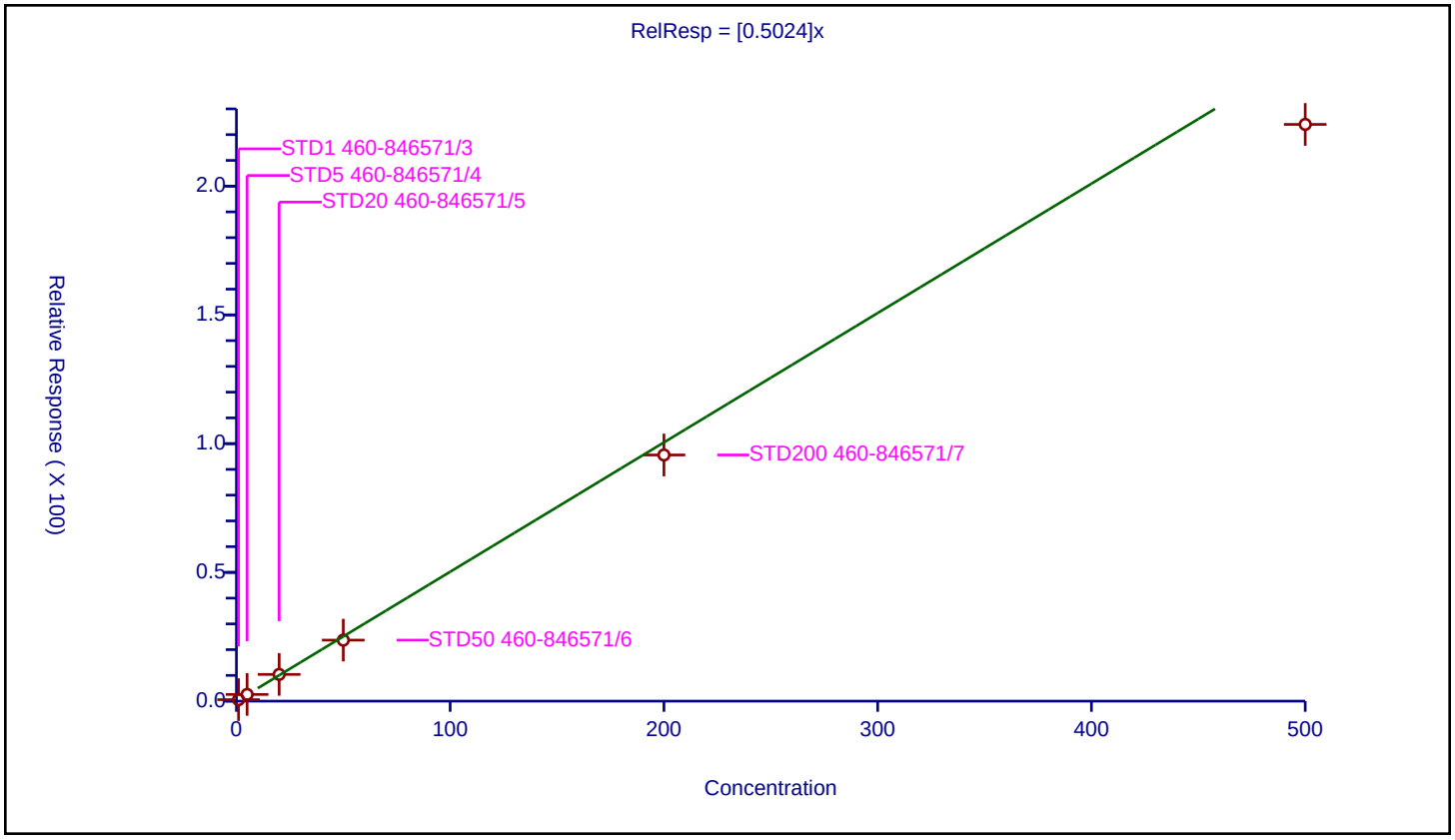
Curve Coefficients

Intercept:	0
Slope:	0.5024

Error Coefficients

Standard Error:	958000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.576098	50.0	350982.0	0.576098	Y
2	STD5 460-846571/4	5.0	2.597764	50.0	363351.0	0.519553	Y
3	STD20 460-846571/5	20.0	10.3799	50.0	354830.0	0.518995	Y
4	STD50 460-846571/6	50.0	23.690385	50.0	375893.0	0.473808	Y
5	STD200 460-846571/7	200.0	95.601828	50.0	411239.0	0.478009	Y
6	STD500 460-846571/8	500.0	223.968608	50.0	443042.0	0.447937	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

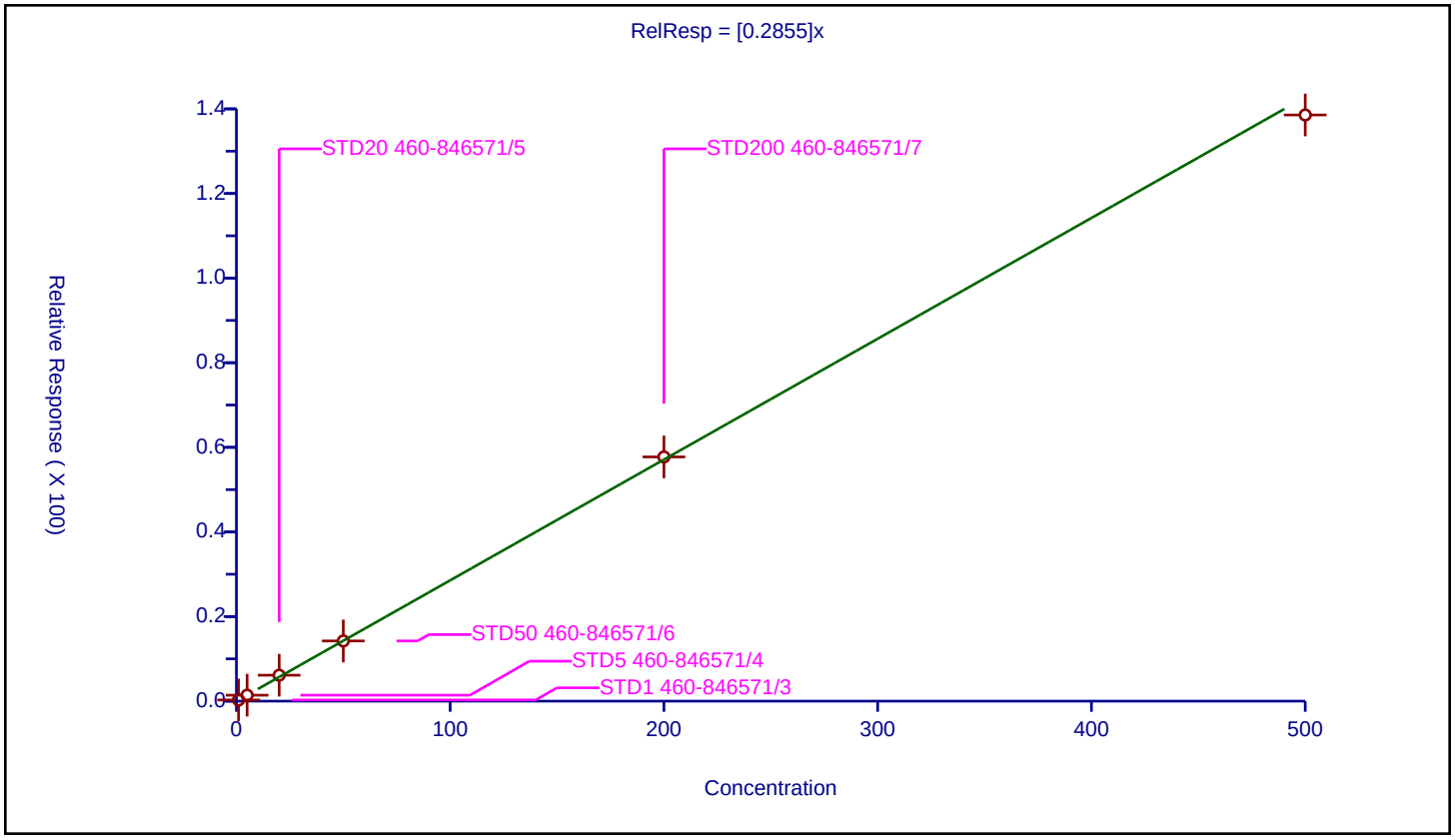
Curve Coefficients

Intercept:	0
Slope:	0.2855

Error Coefficients

Standard Error:	591000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.275513	50.0	350982.0	0.275513	Y
2	STD5 460-846571/4	5.0	1.404427	50.0	363351.0	0.280885	Y
3	STD20 460-846571/5	20.0	6.131669	50.0	354830.0	0.306583	Y
4	STD50 460-846571/6	50.0	14.224128	50.0	375893.0	0.284483	Y
5	STD200 460-846571/7	200.0	57.728717	50.0	411239.0	0.288644	Y
6	STD500 460-846571/8	500.0	138.5635	50.0	443042.0	0.277127	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

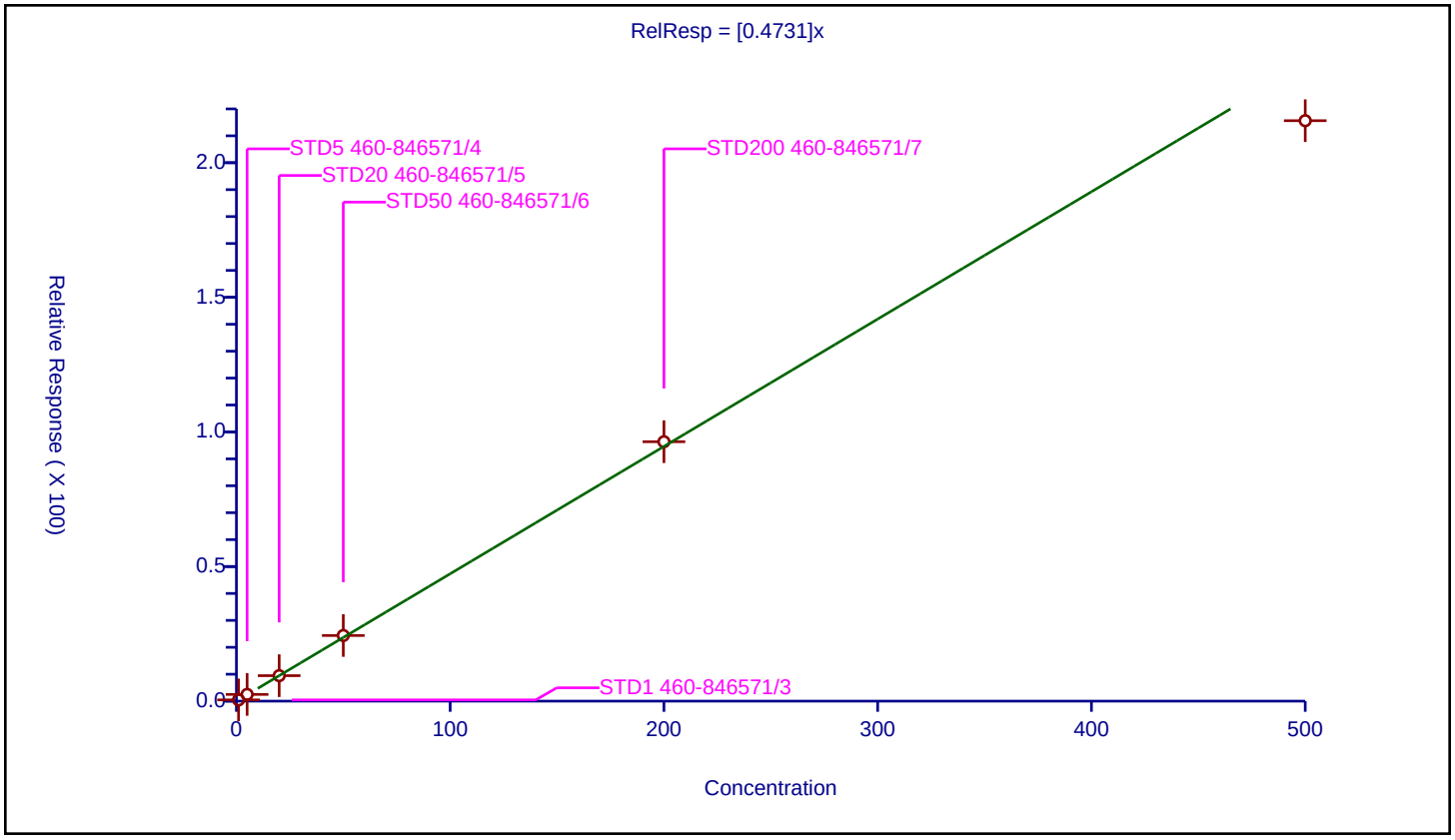
Curve Coefficients

Intercept:	0
Slope:	0.4731

Error Coefficients

Standard Error:	929000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.464839	50.0	350982.0	0.464839	Y
2	STD5 460-846571/4	5.0	2.498135	50.0	363351.0	0.499627	Y
3	STD20 460-846571/5	20.0	9.463405	50.0	354830.0	0.47317	Y
4	STD50 460-846571/6	50.0	24.383402	50.0	375893.0	0.487668	Y
5	STD200 460-846571/7	200.0	96.369143	50.0	411239.0	0.481846	Y
6	STD500 460-846571/8	500.0	215.613305	50.0	443042.0	0.431227	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

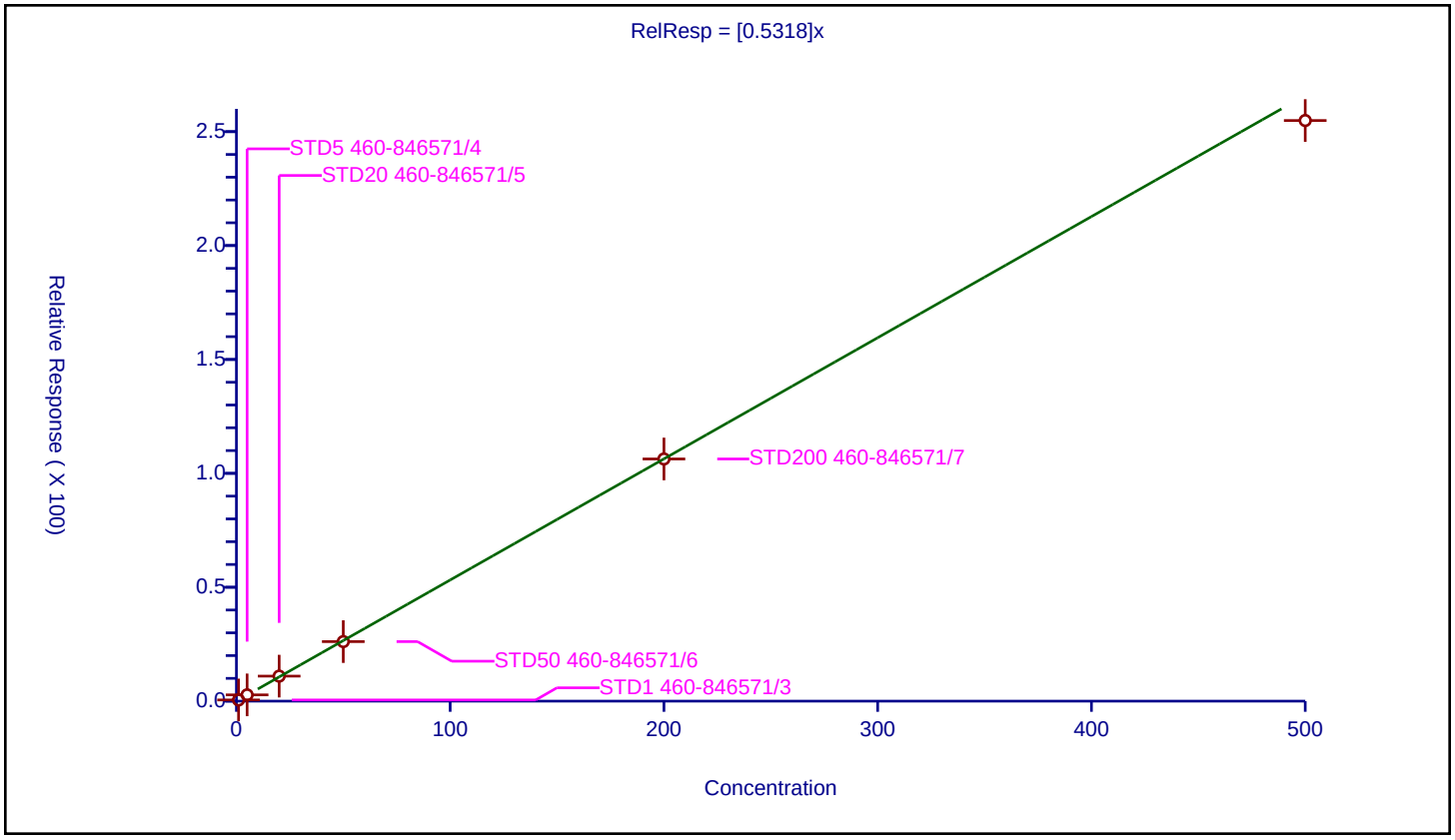
Curve Coefficients

Intercept:	0
Slope:	0.5318

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.525953	50.0	350982.0	0.525953	Y
2	STD5 460-846571/4	5.0	2.756976	50.0	363351.0	0.551395	Y
3	STD20 460-846571/5	20.0	10.985683	50.0	354830.0	0.549284	Y
4	STD50 460-846571/6	50.0	26.144275	50.0	375893.0	0.522886	Y
5	STD200 460-846571/7	200.0	106.308132	50.0	411239.0	0.531541	Y
6	STD500 460-846571/8	500.0	254.885767	50.0	443042.0	0.509772	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

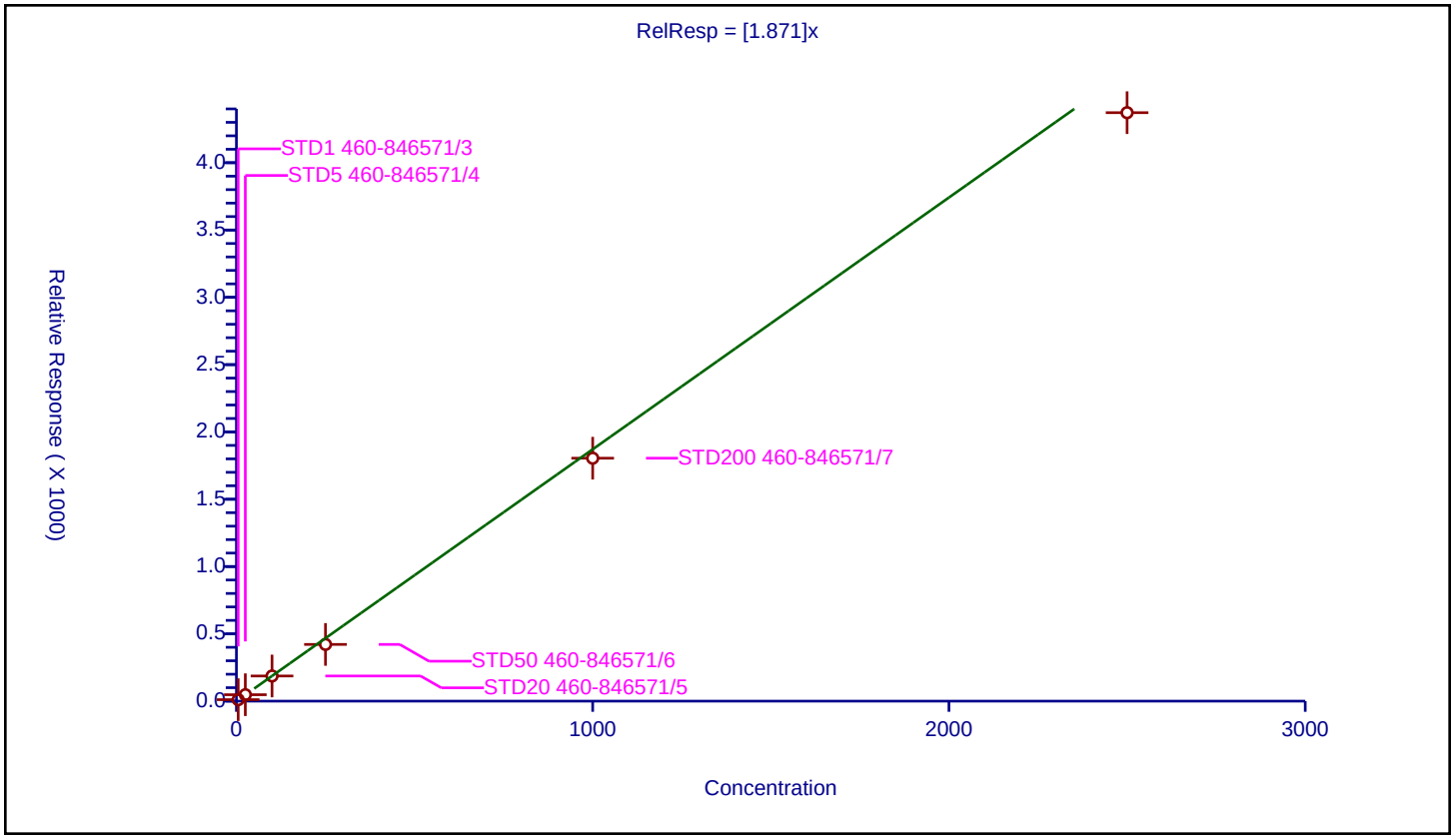
Curve Coefficients

Intercept:	0
Slope:	1.871

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	5.0	11.017285	250.0	207061.0	2.203457	Y
2	STD5 460-846571/4	25.0	47.815399	250.0	219056.0	1.912616	Y
3	STD20 460-846571/5	100.0	186.970377	250.0	209465.0	1.869704	Y
4	STD50 460-846571/6	250.0	421.272663	250.0	225865.0	1.685091	Y
5	STD200 460-846571/7	1000.0	1804.946343	250.0	243119.0	1.804946	Y
6	STD500 460-846571/8	2500.0	4371.9628	250.0	260108.0	1.748785	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

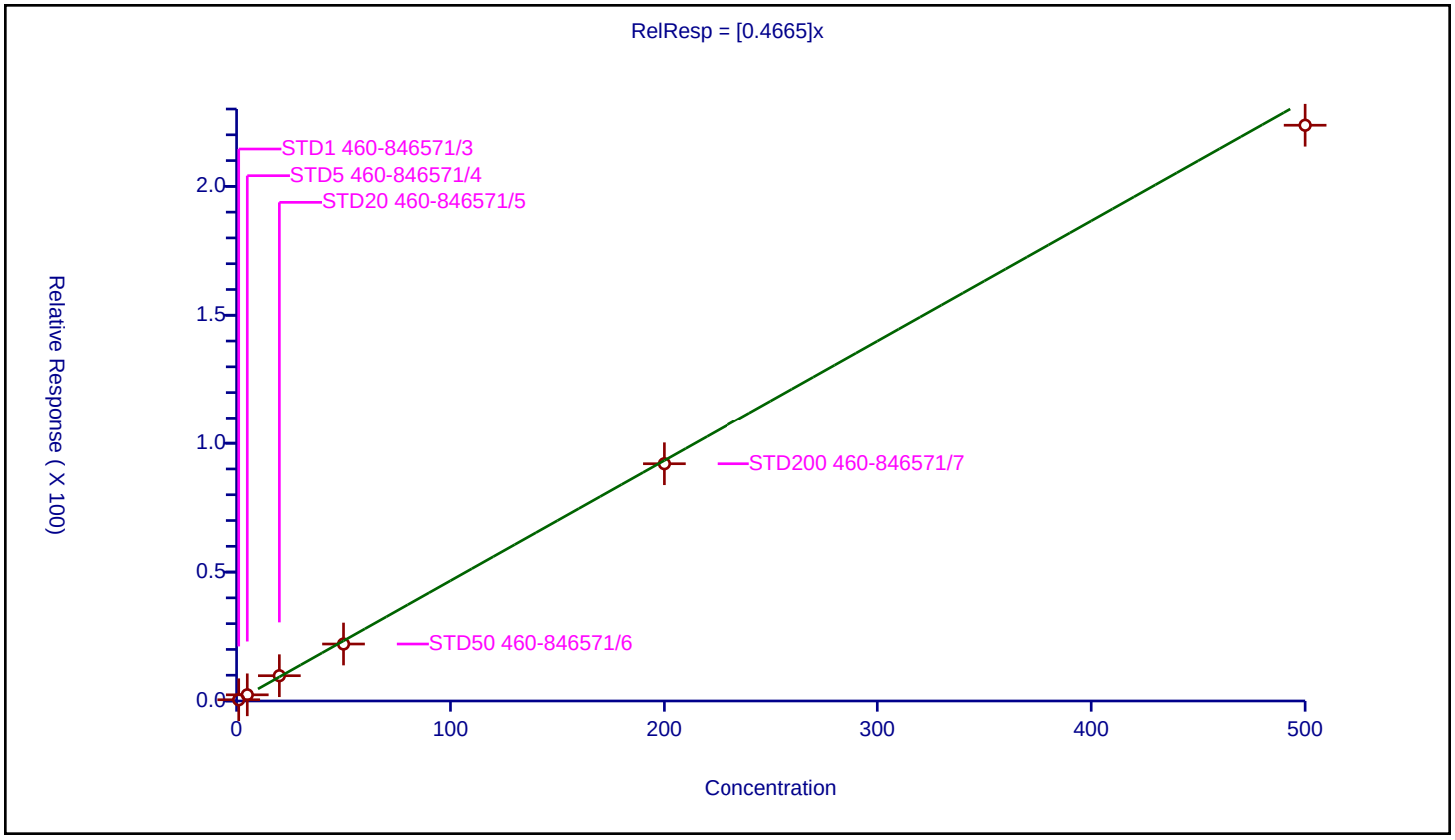
Curve Coefficients

Intercept:	0
Slope:	0.4665

Error Coefficients

Standard Error:	952000
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	STD1 460-846571/3	1.0	0.479797	50.0	350982.0	0.479797	Y
2	STD5 460-846571/4	5.0	2.397131	50.0	363351.0	0.479426	Y
3	STD20 460-846571/5	20.0	9.8054	50.0	354830.0	0.49027	Y
4	STD50 460-846571/6	50.0	22.096847	50.0	375893.0	0.441937	Y
5	STD200 460-846571/7	200.0	92.030547	50.0	411239.0	0.460153	Y
6	STD500 460-846571/8	500.0	223.712537	50.0	443042.0	0.447425	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

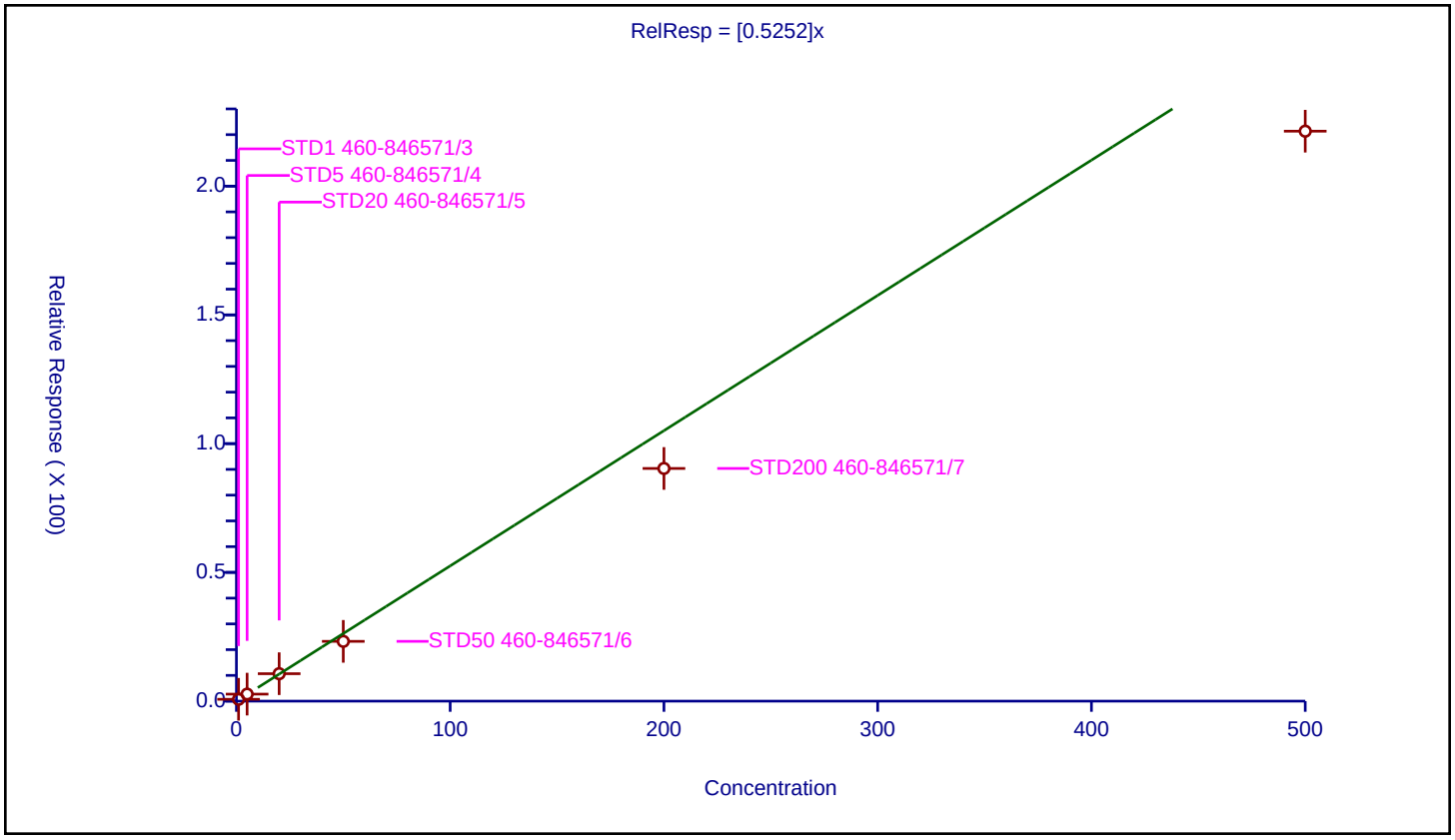
Curve Coefficients

Intercept:	0
Slope:	0.5252

Error Coefficients

Standard Error:	942000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.947

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.714567	50.0	350982.0	0.714567	Y
2	STD5 460-846571/4	5.0	2.724638	50.0	363351.0	0.544928	Y
3	STD20 460-846571/5	20.0	10.661444	50.0	354830.0	0.533072	Y
4	STD50 460-846571/6	50.0	23.214984	50.0	375893.0	0.4643	Y
5	STD200 460-846571/7	200.0	90.36035	50.0	411239.0	0.451802	Y
6	STD500 460-846571/8	500.0	221.340753	50.0	443042.0	0.442682	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

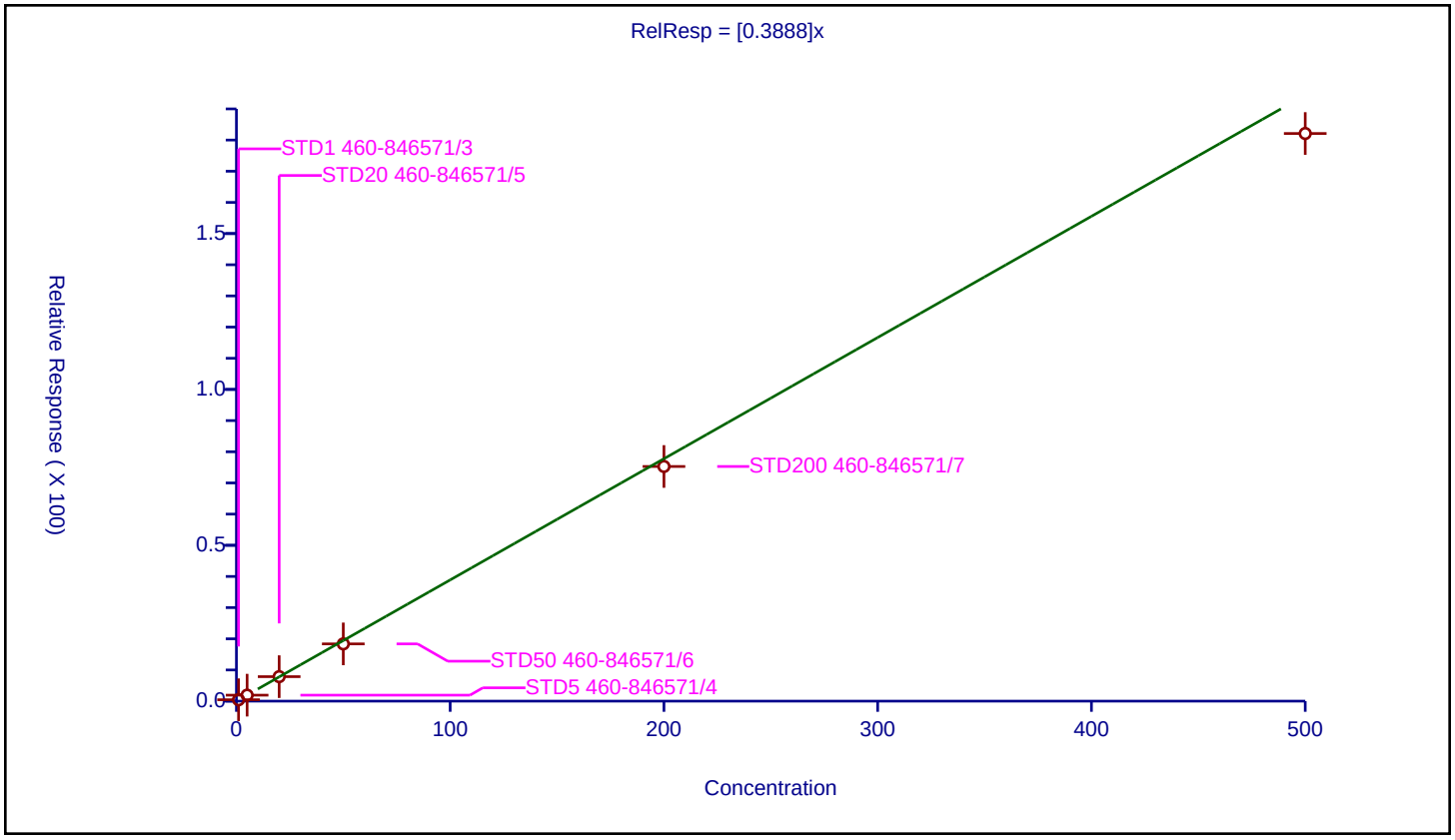
Curve Coefficients

Intercept:	0
Slope:	0.3888

Error Coefficients

Standard Error:	776000
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	STD1 460-846571/3	1.0	0.448171	50.0	350982.0	0.448171	Y
2	STD5 460-846571/4	5.0	1.919356	50.0	363351.0	0.383871	Y
3	STD20 460-846571/5	20.0	7.860666	50.0	354830.0	0.393033	Y
4	STD50 460-846571/6	50.0	18.367062	50.0	375893.0	0.367341	Y
5	STD200 460-846571/7	200.0	75.28481	50.0	411239.0	0.376424	Y
6	STD500 460-846571/8	500.0	182.104744	50.0	443042.0	0.364209	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

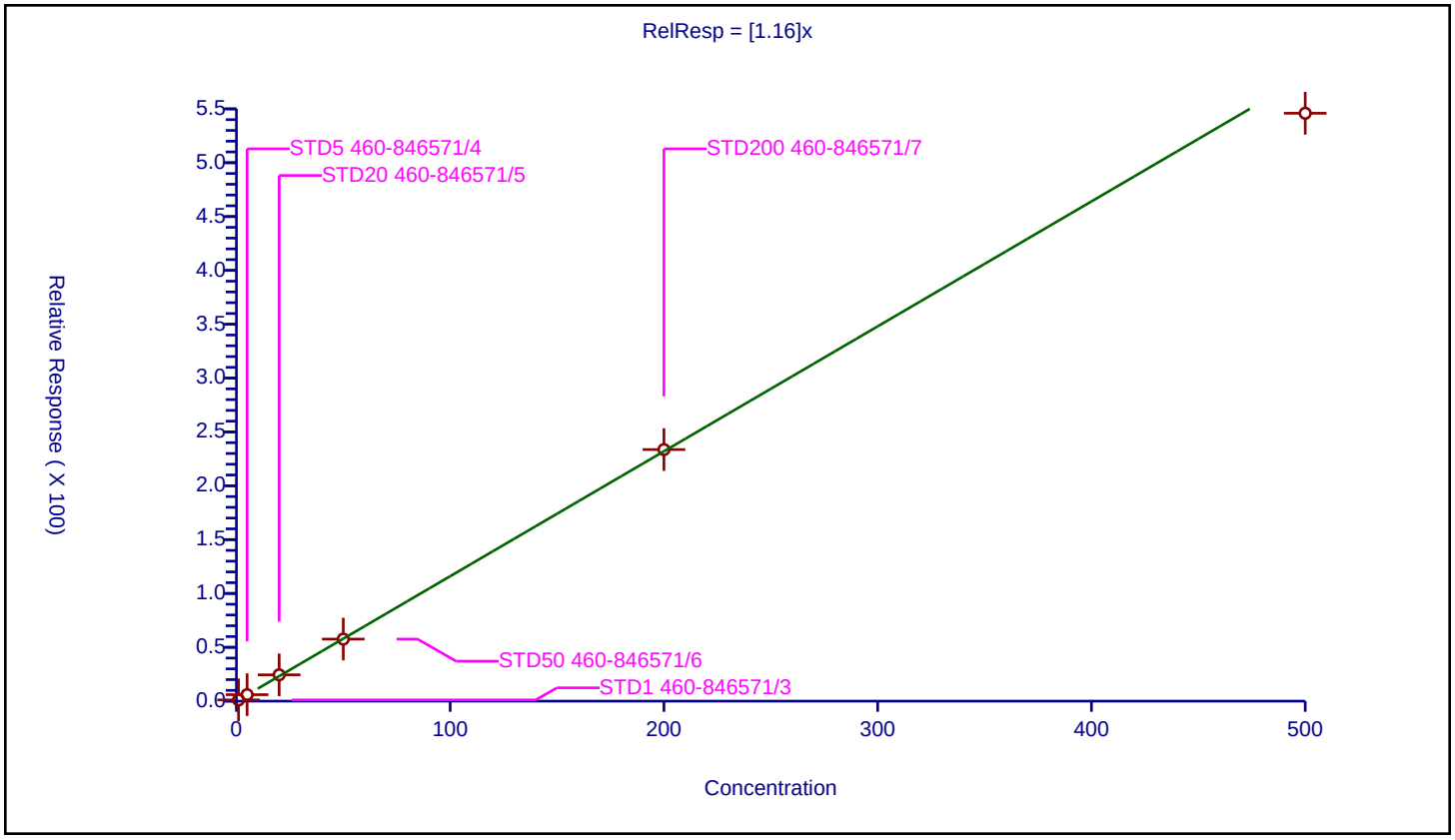
Curve Coefficients

Intercept:	0
Slope:	1.16

Error Coefficients

Standard Error:	2340000
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	STD1 460-846571/3	1.0	1.126553	50.0	350982.0	1.126553	Y
2	STD5 460-846571/4	5.0	6.003561	50.0	363351.0	1.200712	Y
3	STD20 460-846571/5	20.0	24.429727	50.0	354830.0	1.221486	Y
4	STD50 460-846571/6	50.0	57.607617	50.0	375893.0	1.152152	Y
5	STD200 460-846571/7	200.0	233.616097	50.0	411239.0	1.16808	Y
6	STD500 460-846571/8	500.0	545.946321	50.0	443042.0	1.091893	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

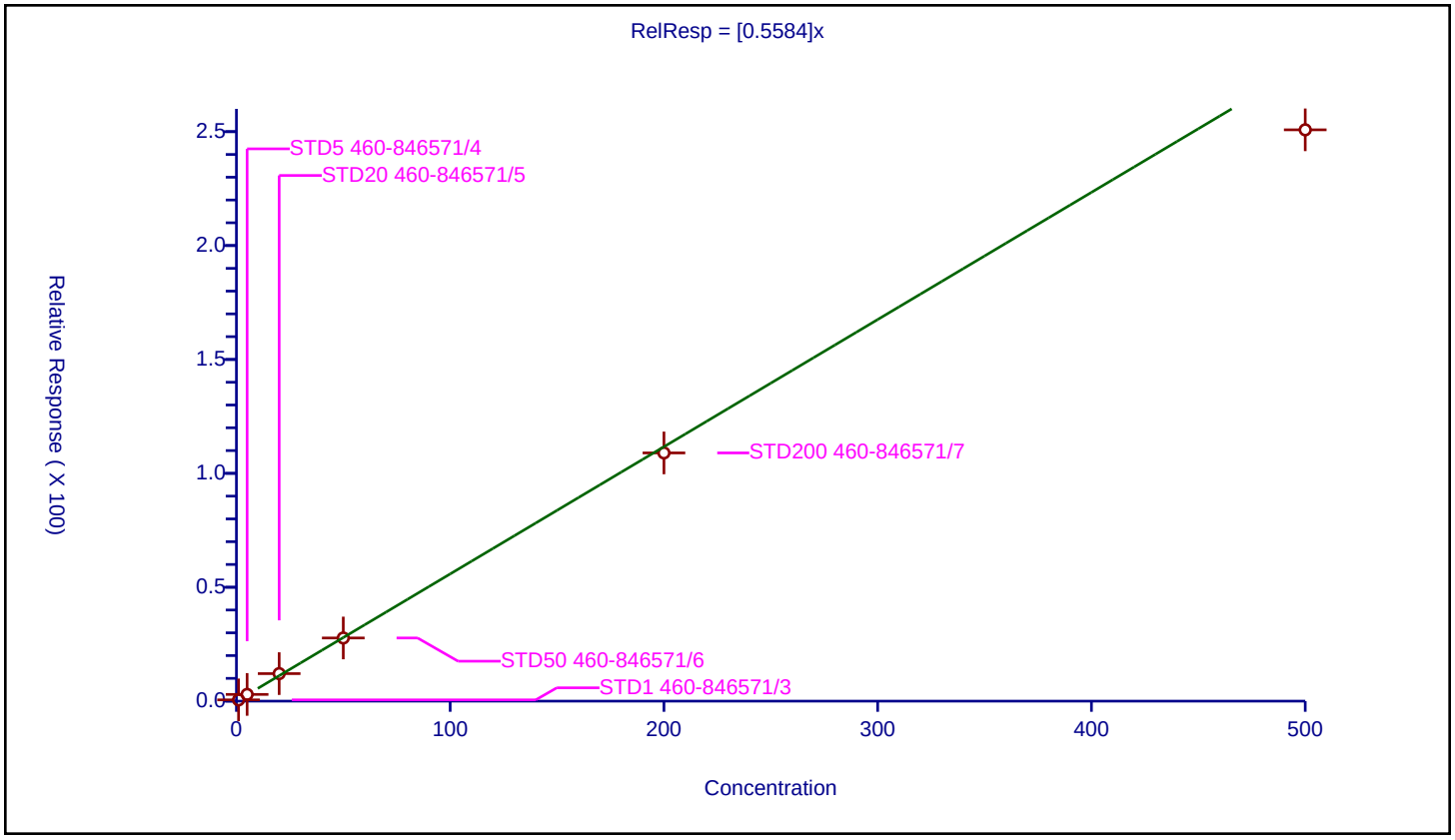
Curve Coefficients

Intercept:	0
Slope:	0.5584

Error Coefficients

Standard Error:	1080000
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	STD1 460-846571/3	1.0	0.554302	50.0	350982.0	0.554302	Y
2	STD5 460-846571/4	5.0	2.953755	50.0	363351.0	0.590751	Y
3	STD20 460-846571/5	20.0	12.084378	50.0	354830.0	0.604219	Y
4	STD50 460-846571/6	50.0	27.732759	50.0	375893.0	0.554655	Y
5	STD200 460-846571/7	200.0	108.971425	50.0	411239.0	0.544857	Y
6	STD500 460-846571/8	500.0	250.804213	50.0	443042.0	0.501608	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

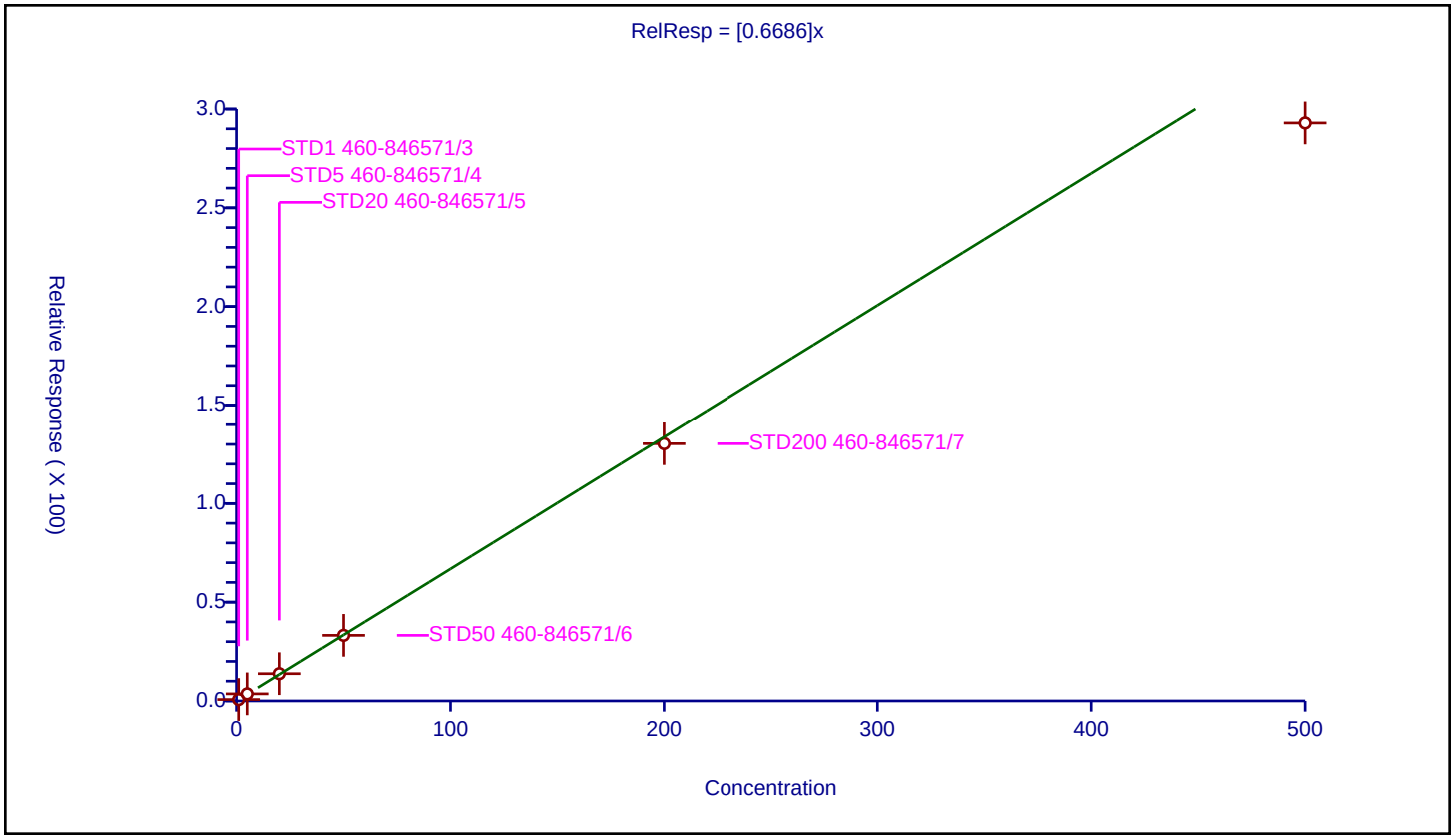
Curve Coefficients

Intercept:	0
Slope:	0.6686

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.705022	50.0	350982.0	0.705022	Y
2	STD5 460-846571/4	5.0	3.578358	50.0	363351.0	0.715672	Y
3	STD20 460-846571/5	20.0	13.783784	50.0	354830.0	0.689189	Y
4	STD50 460-846571/6	50.0	33.189897	50.0	375893.0	0.663798	Y
5	STD200 460-846571/7	200.0	130.34221	50.0	411239.0	0.651711	Y
6	STD500 460-846571/8	500.0	292.974707	50.0	443042.0	0.585949	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

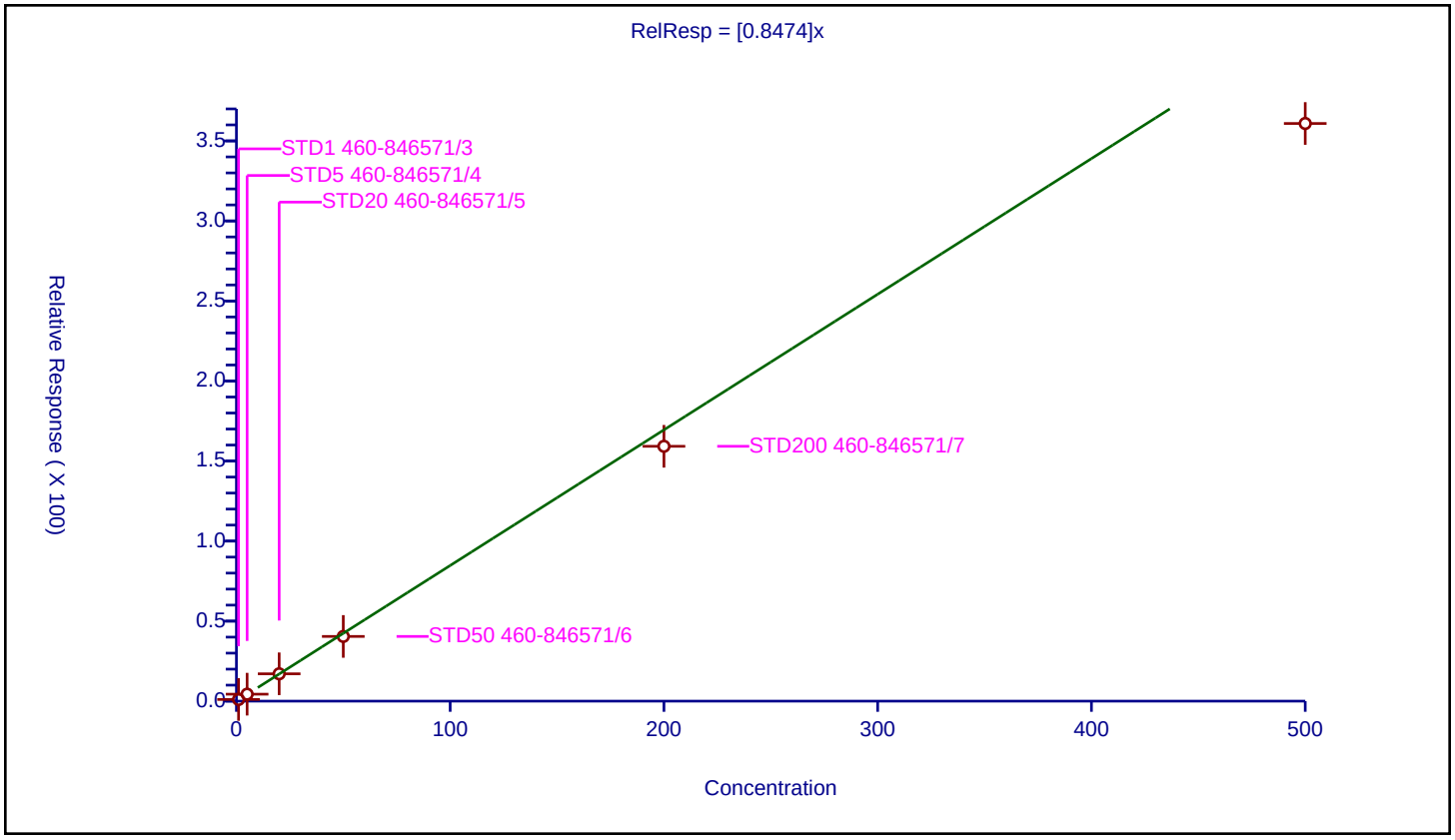
Curve Coefficients

Intercept:	0
Slope:	0.8474

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	12.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.033671	50.0	350982.0	1.033671	Y
2	STD5 460-846571/4	5.0	4.352541	50.0	363351.0	0.870508	Y
3	STD20 460-846571/5	20.0	17.072542	50.0	354830.0	0.853627	Y
4	STD50 460-846571/6	50.0	40.427994	50.0	375893.0	0.80856	Y
5	STD200 460-846571/7	200.0	159.210459	50.0	411239.0	0.796052	Y
6	STD500 460-846571/8	500.0	360.888133	50.0	443042.0	0.721776	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

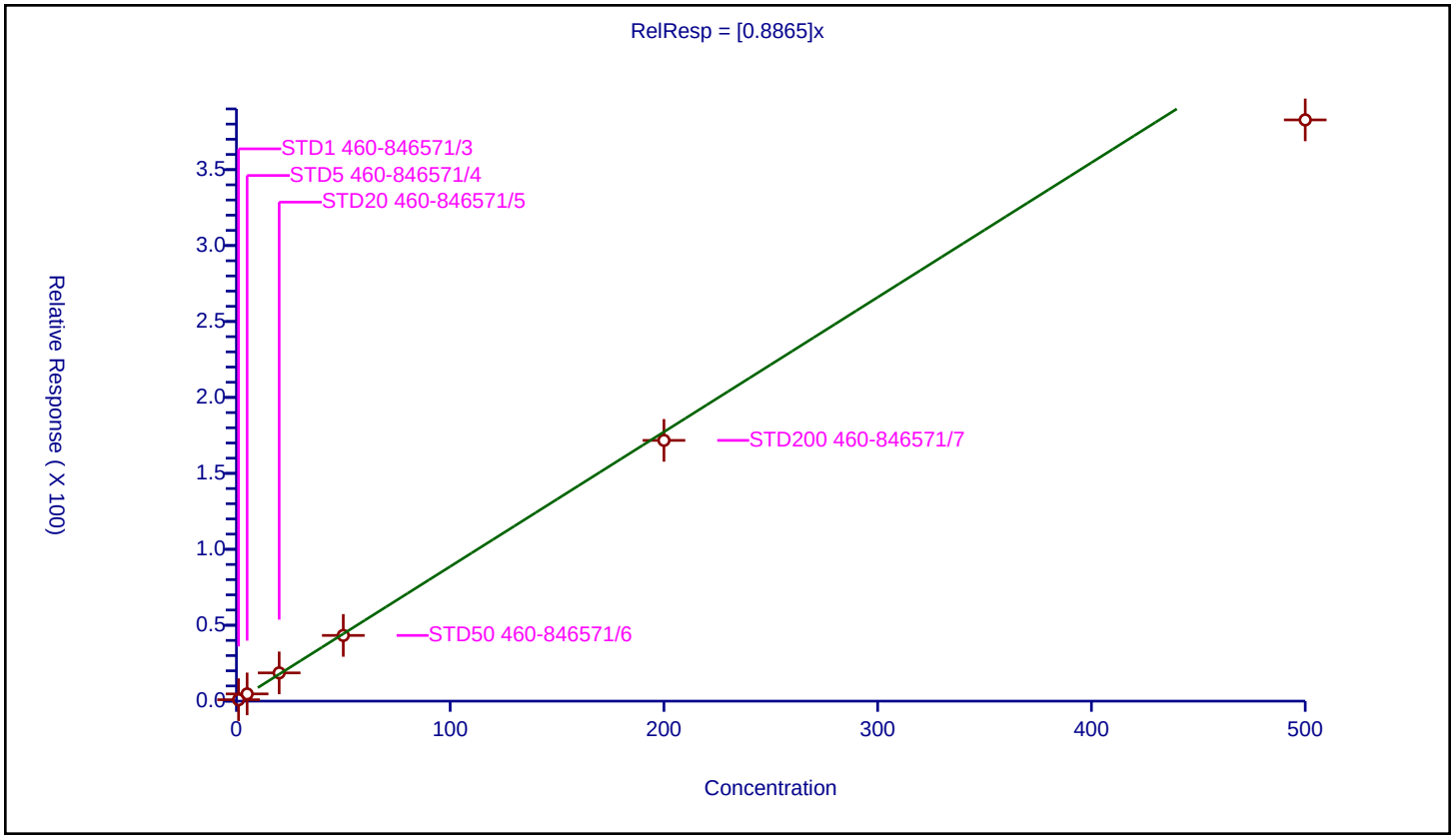
Curve Coefficients

Intercept:	0
Slope:	0.8865

Error Coefficients

Standard Error:	1650000
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	STD1 460-846571/3	1.0	0.946487	50.0	350982.0	0.946487	Y
2	STD5 460-846571/4	5.0	4.764401	50.0	363351.0	0.95288	Y
3	STD20 460-846571/5	20.0	18.600597	50.0	354830.0	0.93003	Y
4	STD50 460-846571/6	50.0	43.275081	50.0	375893.0	0.865502	Y
5	STD200 460-846571/7	200.0	171.718392	50.0	411239.0	0.858592	Y
6	STD500 460-846571/8	500.0	382.764952	50.0	443042.0	0.76553	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

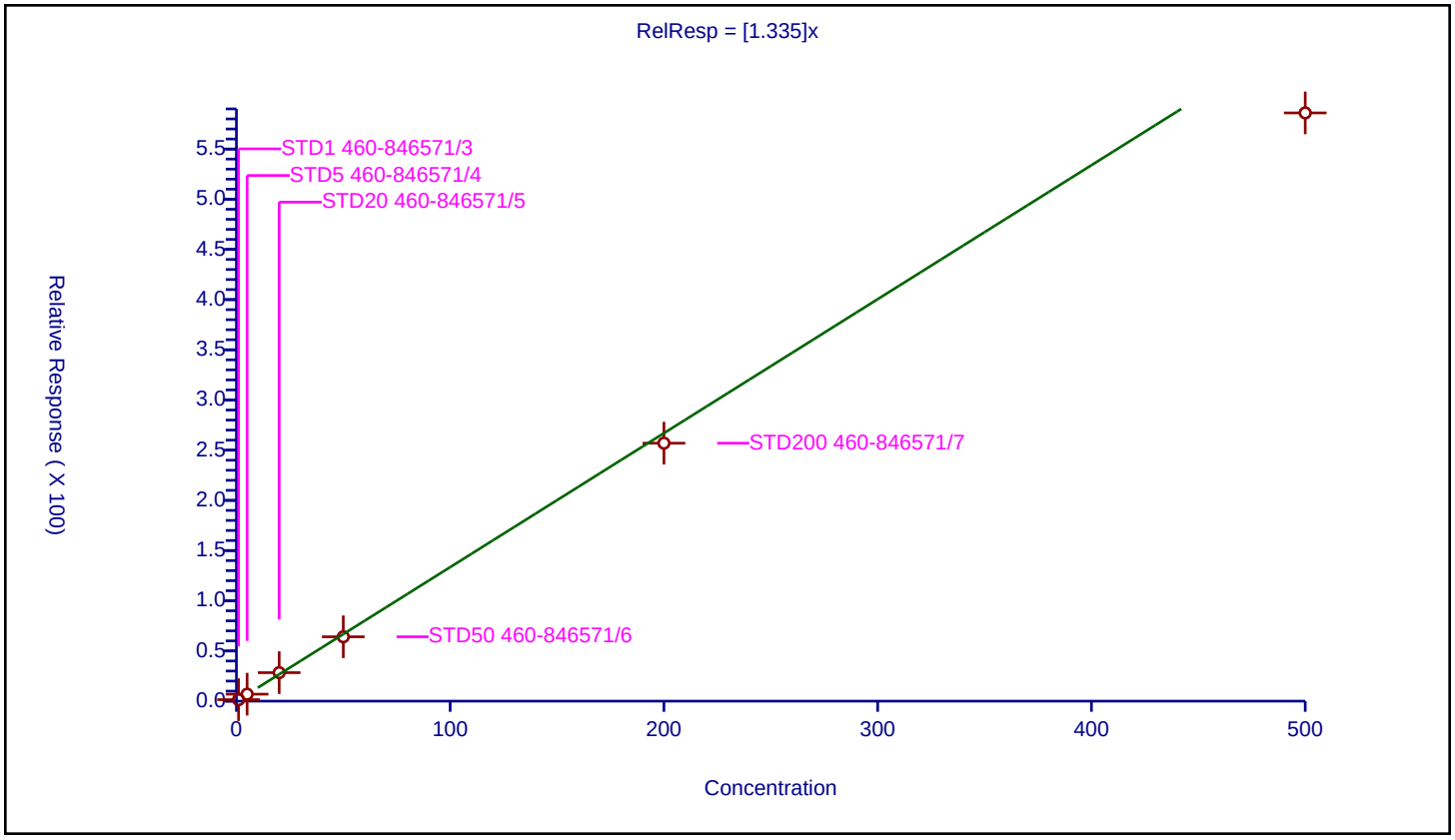
Curve Coefficients

Intercept:	0
Slope:	1.335

Error Coefficients

Standard Error:	2520000
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	STD1 460-846571/3	1.0	1.462611	50.0	350982.0	1.462611	Y
2	STD5 460-846571/4	5.0	6.943286	50.0	363351.0	1.388657	Y
3	STD20 460-846571/5	20.0	28.366401	50.0	354830.0	1.41832	Y
4	STD50 460-846571/6	50.0	64.105876	50.0	375893.0	1.282118	Y
5	STD200 460-846571/7	200.0	256.981828	50.0	411239.0	1.284909	Y
6	STD500 460-846571/8	500.0	585.999409	50.0	443042.0	1.171999	Y



Calibration / n-Butyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

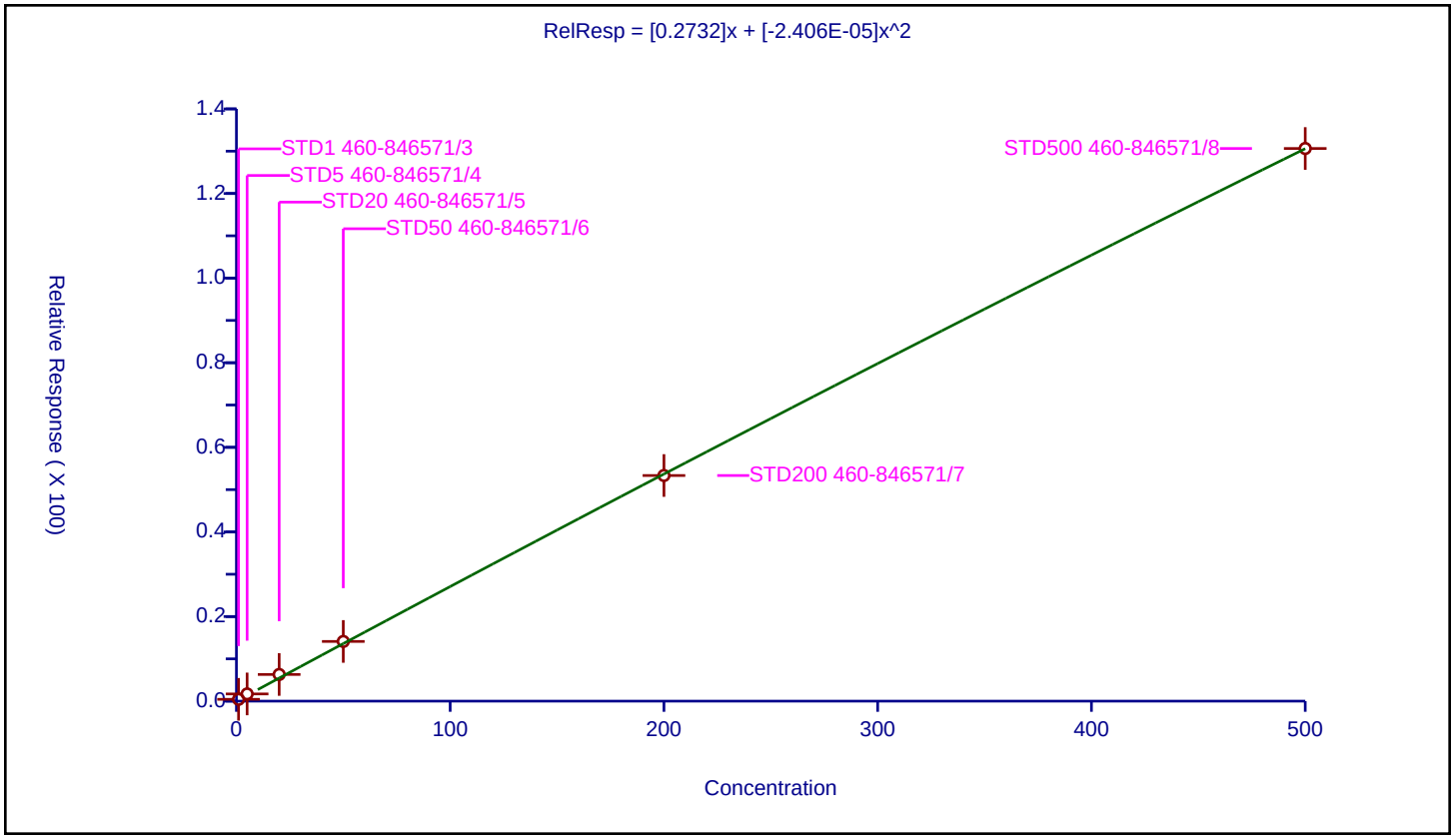
Curve Coefficients

Intercept:	0
Slope:	0.2732
Second Order:	-2.406E-05

Error Coefficients

Standard Error:	622000
Relative Standard Error:	32.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.433213	50.0	350982.0	0.433213	Y
2	STD5 460-846571/4	5.0	1.704963	50.0	363351.0	0.340993	Y
3	STD20 460-846571/5	20.0	6.303582	50.0	354830.0	0.315179	Y
4	STD50 460-846571/6	50.0	14.111995	50.0	375893.0	0.28224	Y
5	STD200 460-846571/7	200.0	53.337232	50.0	411239.0	0.266686	Y
6	STD500 460-846571/8	500.0	130.639194	50.0	443042.0	0.261278	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

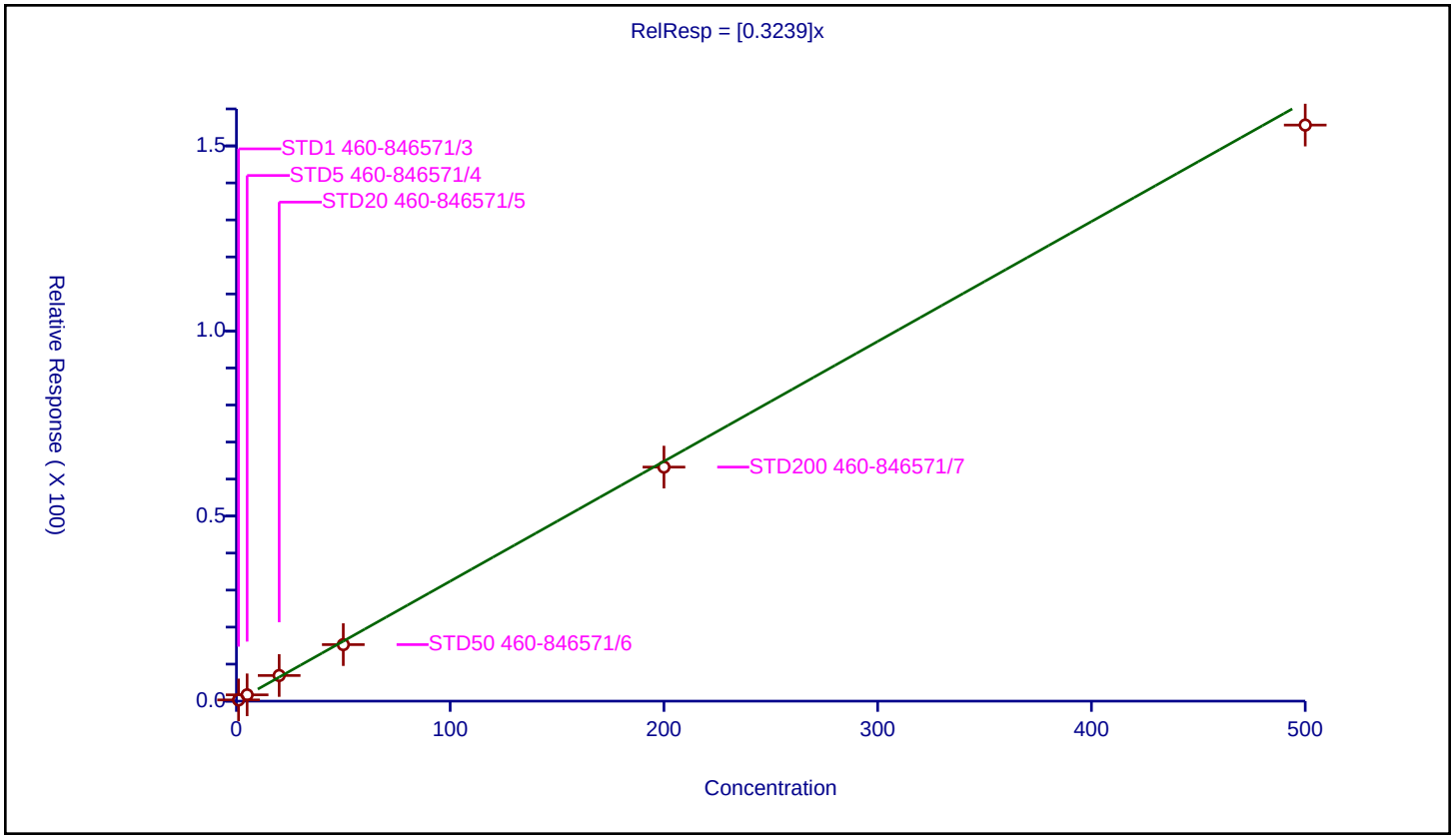
Curve Coefficients

Intercept:	0
Slope:	0.3239

Error Coefficients

Standard Error:	661000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.324803	50.0	350982.0	0.324803	Y
2	STD5 460-846571/4	5.0	1.699183	50.0	363351.0	0.339837	Y
3	STD20 460-846571/5	20.0	6.922329	50.0	354830.0	0.346116	Y
4	STD50 460-846571/6	50.0	15.269372	50.0	375893.0	0.305387	Y
5	STD200 460-846571/7	200.0	63.228561	50.0	411239.0	0.316143	Y
6	STD500 460-846571/8	500.0	155.633213	50.0	443042.0	0.311266	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

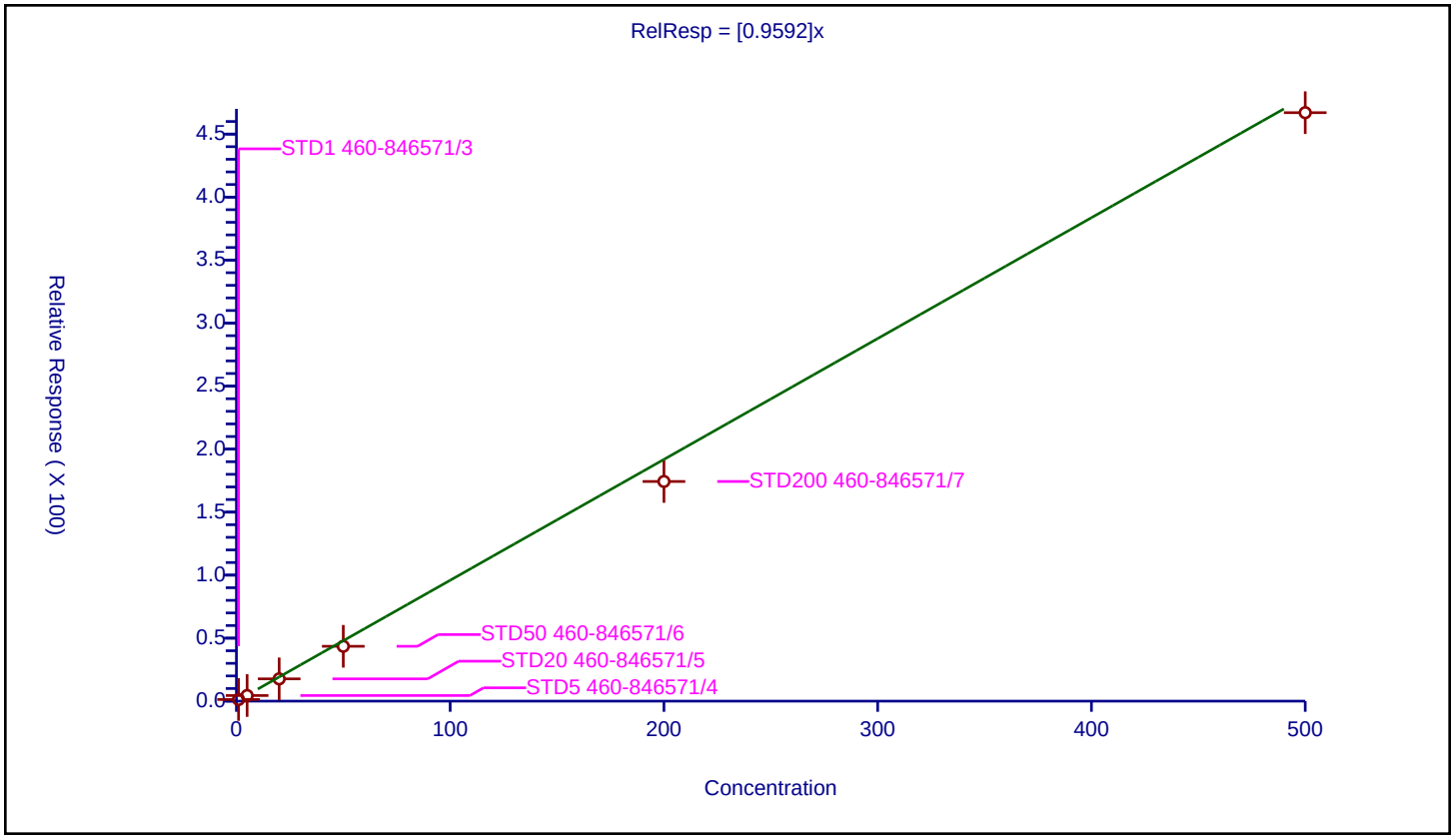
Curve Coefficients

Intercept:	0
Slope:	0.9592

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	17.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.30624	50.0	219485.0	1.30624	Y
2	STD5 460-846571/4	5.0	4.4446	50.0	228502.0	0.88892	Y
3	STD20 460-846571/5	20.0	17.671132	50.0	214907.0	0.883557	Y
4	STD50 460-846571/6	50.0	43.531833	50.0	220588.0	0.870637	Y
5	STD200 460-846571/7	200.0	174.31619	50.0	227439.0	0.871581	Y
6	STD500 460-846571/8	500.0	467.005021	50.0	238409.0	0.93401	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

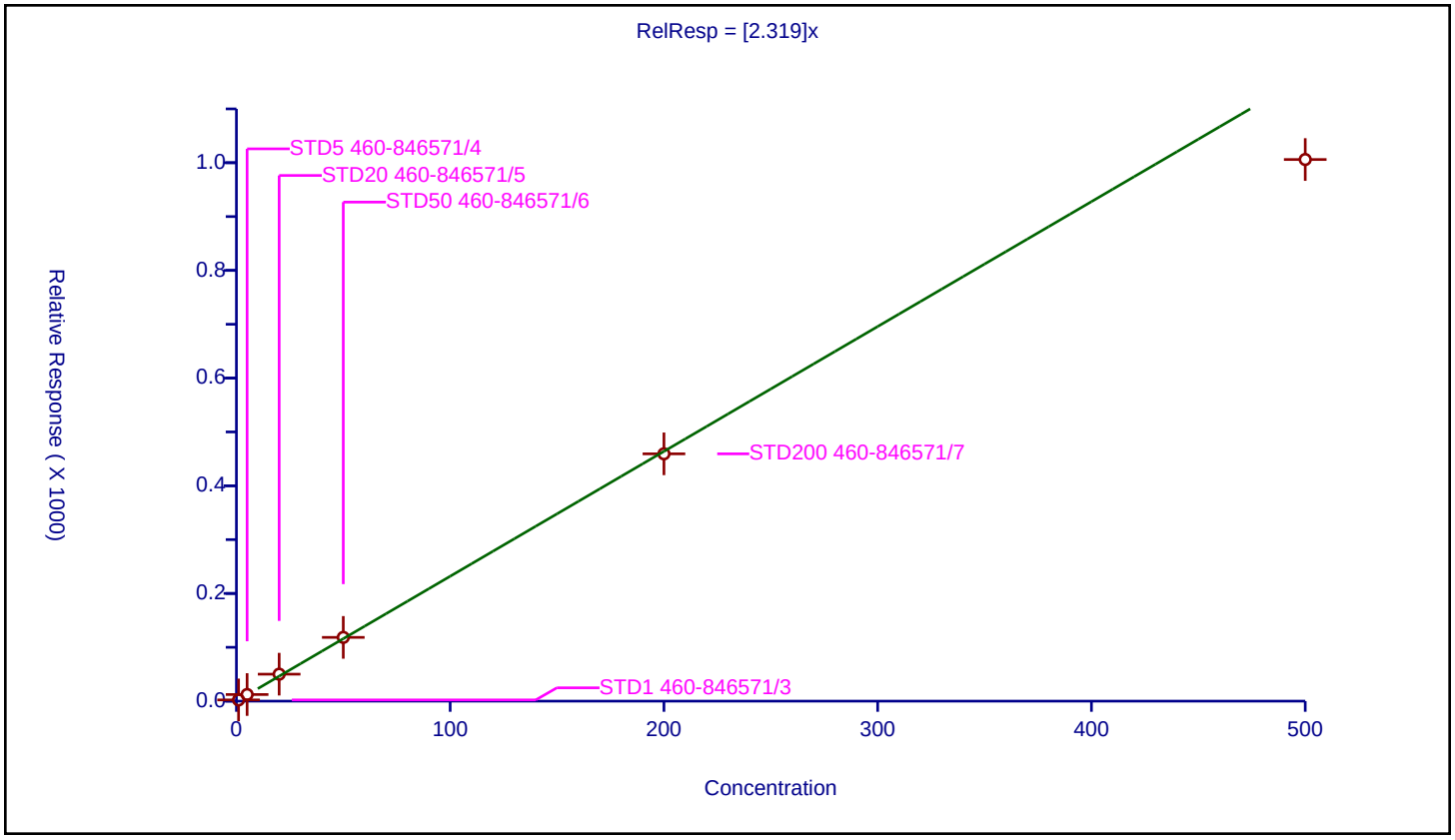
Curve Coefficients

Intercept:	0
Slope:	2.319

Error Coefficients

Standard Error:	4350000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	2.272624	50.0	350982.0	2.272624	Y
2	STD5 460-846571/4	5.0	12.311924	50.0	363351.0	2.462385	Y
3	STD20 460-846571/5	20.0	50.09272	50.0	354830.0	2.504636	Y
4	STD50 460-846571/6	50.0	118.393266	50.0	375893.0	2.367865	Y
5	STD200 460-846571/7	200.0	459.351253	50.0	411239.0	2.296756	Y
6	STD500 460-846571/8	500.0	1005.958013	50.0	443042.0	2.011916	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

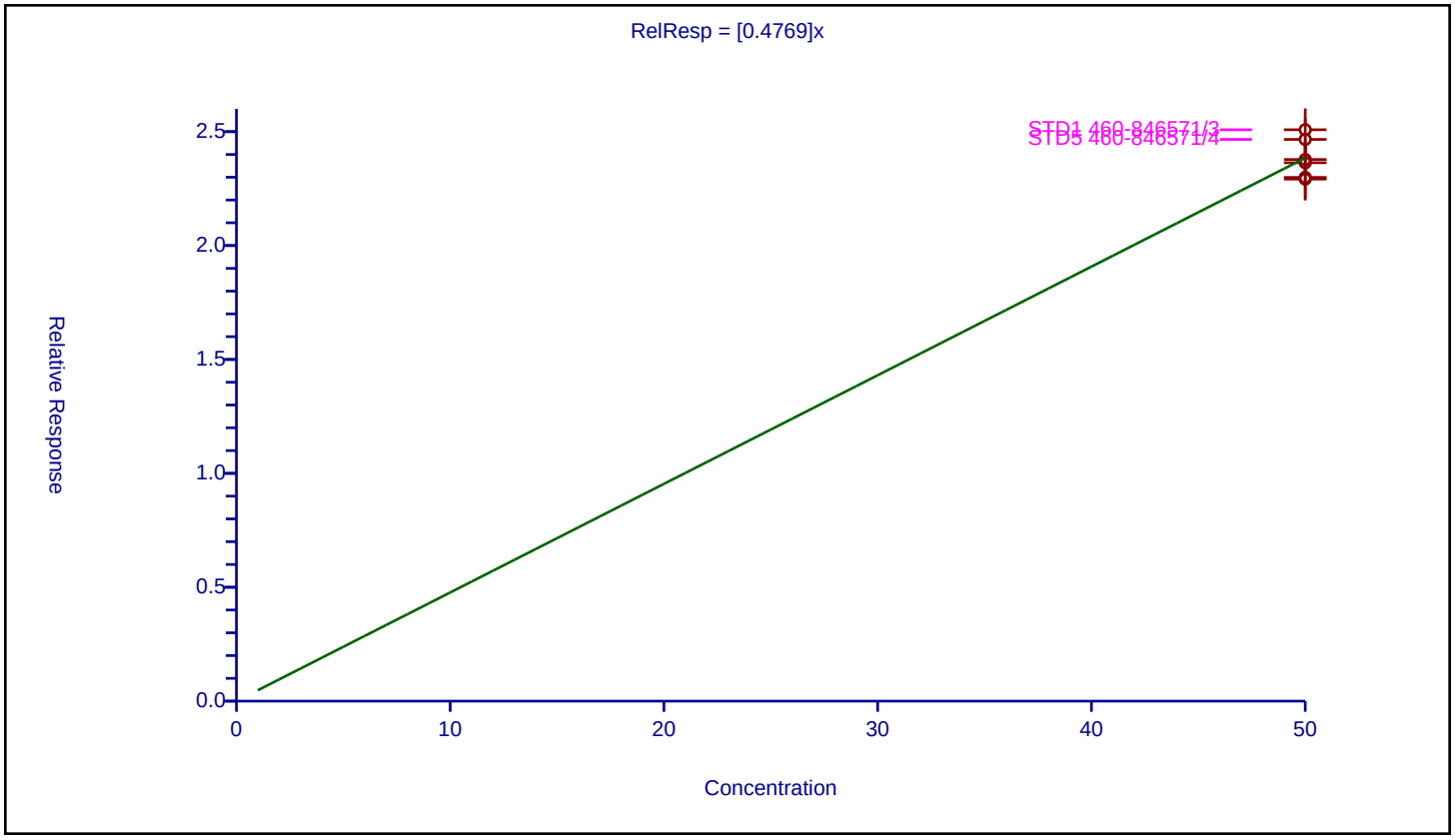
Curve Coefficients

Intercept:	0
Slope:	0.4769

Error Coefficients

Standard Error:	200000
Relative Standard Error:	3.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	50.0	25.084335	50.0	350982.0	0.501687	Y
2	STD5 460-846571/4	50.0	24.659902	50.0	363351.0	0.493198	Y
3	STD20 460-846571/5	50.0	23.635967	50.0	354830.0	0.472719	Y
4	STD50 460-846571/6	50.0	23.778309	50.0	375893.0	0.475566	Y
5	STD200 460-846571/7	50.0	22.917452	50.0	411239.0	0.458349	Y
6	STD500 460-846571/8	50.0	22.991274	50.0	443042.0	0.459825	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

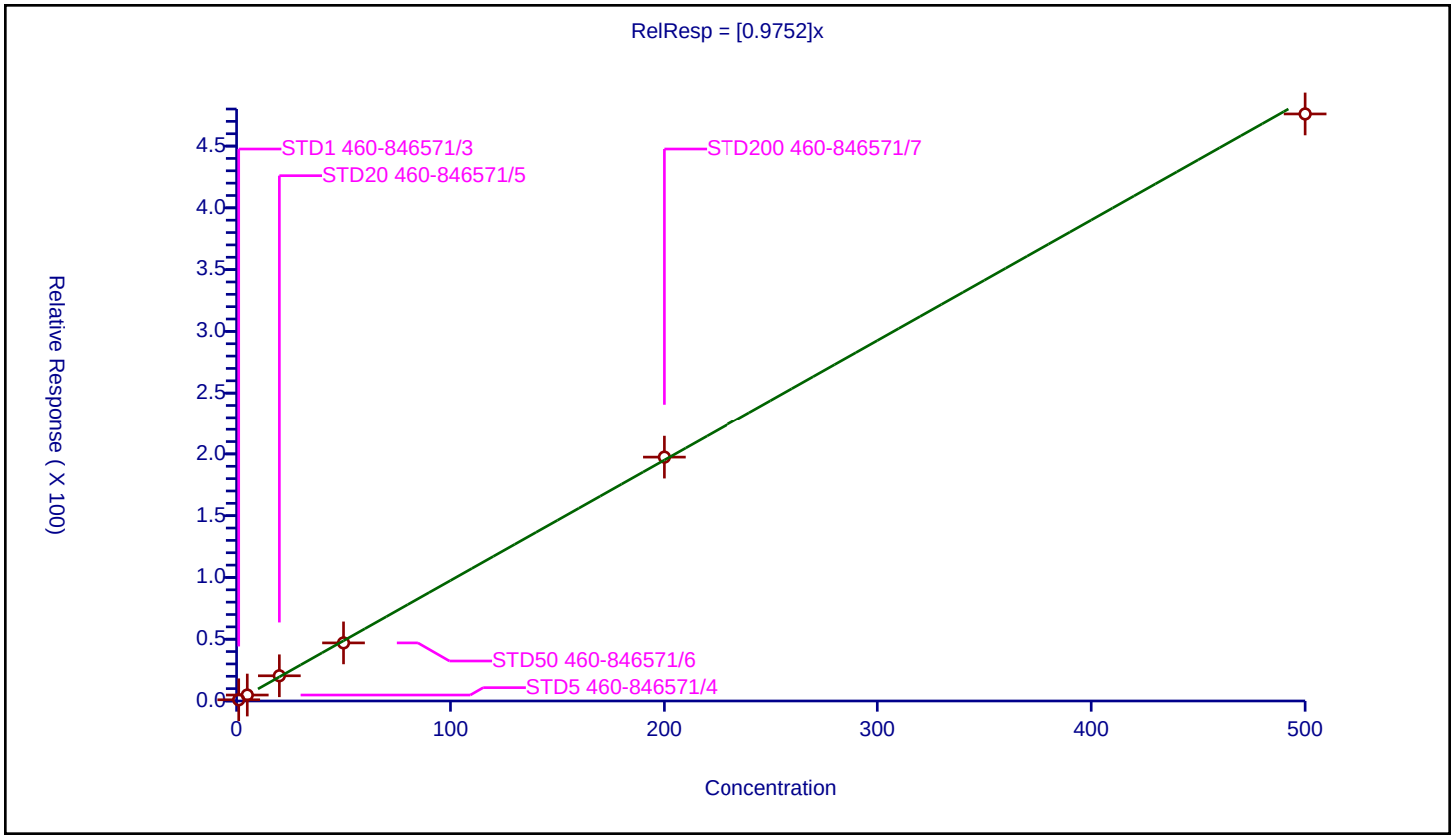
Curve Coefficients

Intercept:	0
Slope:	0.9752

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.987539	50.0	219485.0	0.987539	Y
2	STD5 460-846571/4	5.0	4.821183	50.0	228502.0	0.964237	Y
3	STD20 460-846571/5	20.0	20.403477	50.0	214907.0	1.020174	Y
4	STD50 460-846571/6	50.0	47.022277	50.0	220588.0	0.940446	Y
5	STD200 460-846571/7	200.0	197.407437	50.0	227439.0	0.987037	Y
6	STD500 460-846571/8	500.0	476.007827	50.0	238409.0	0.952016	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

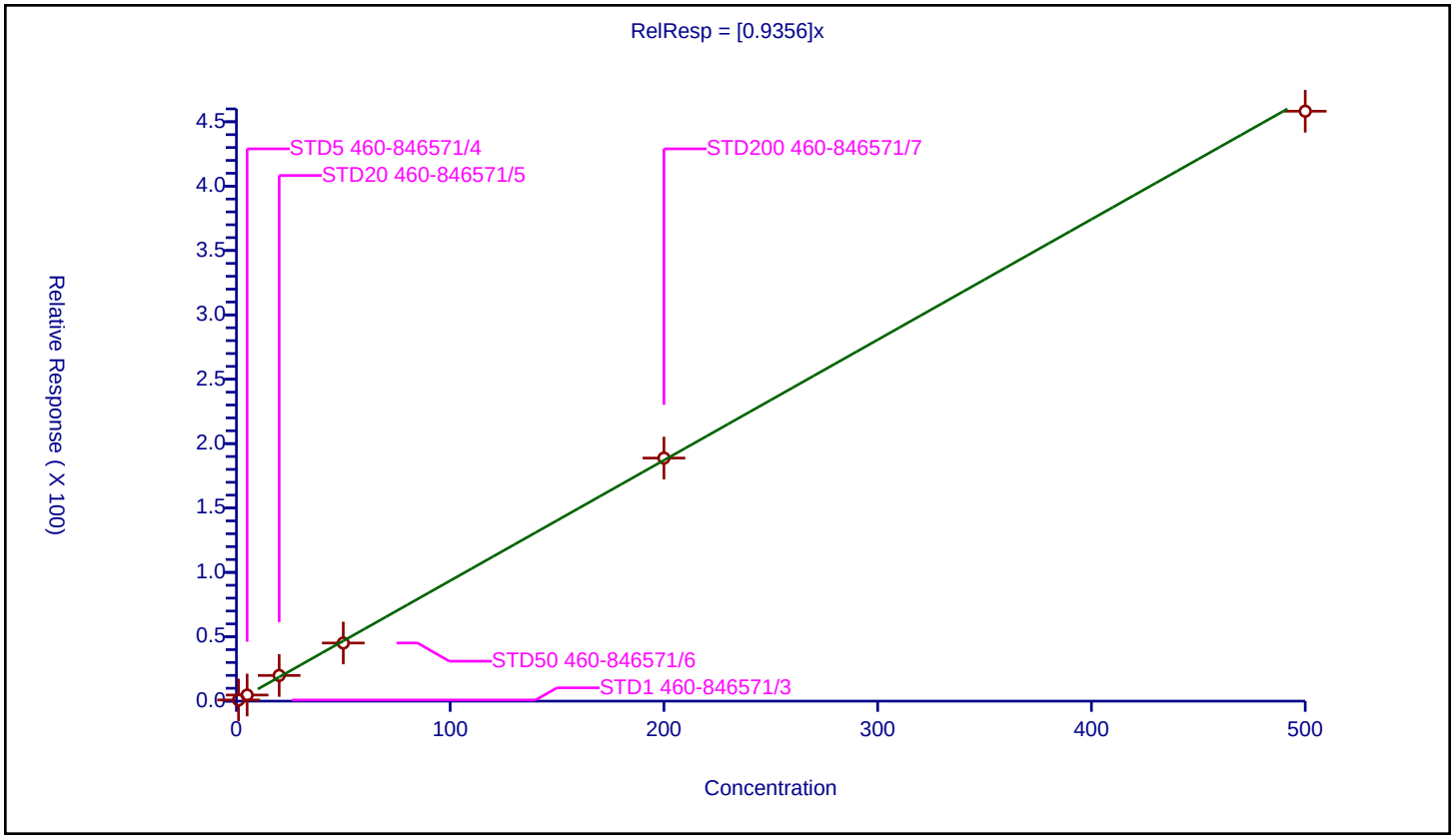
Curve Coefficients

Intercept:	0
Slope:	0.9356

Error Coefficients

Standard Error:	1050000
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	STD1 460-846571/3	1.0	0.905301	50.0	219485.0	0.905301	Y
2	STD5 460-846571/4	5.0	4.738471	50.0	228502.0	0.947694	Y
3	STD20 460-846571/5	20.0	19.94607	50.0	214907.0	0.997303	Y
4	STD50 460-846571/6	50.0	45.141848	50.0	220588.0	0.902837	Y
5	STD200 460-846571/7	200.0	188.795677	50.0	227439.0	0.943978	Y
6	STD500 460-846571/8	500.0	458.204388	50.0	238409.0	0.916409	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

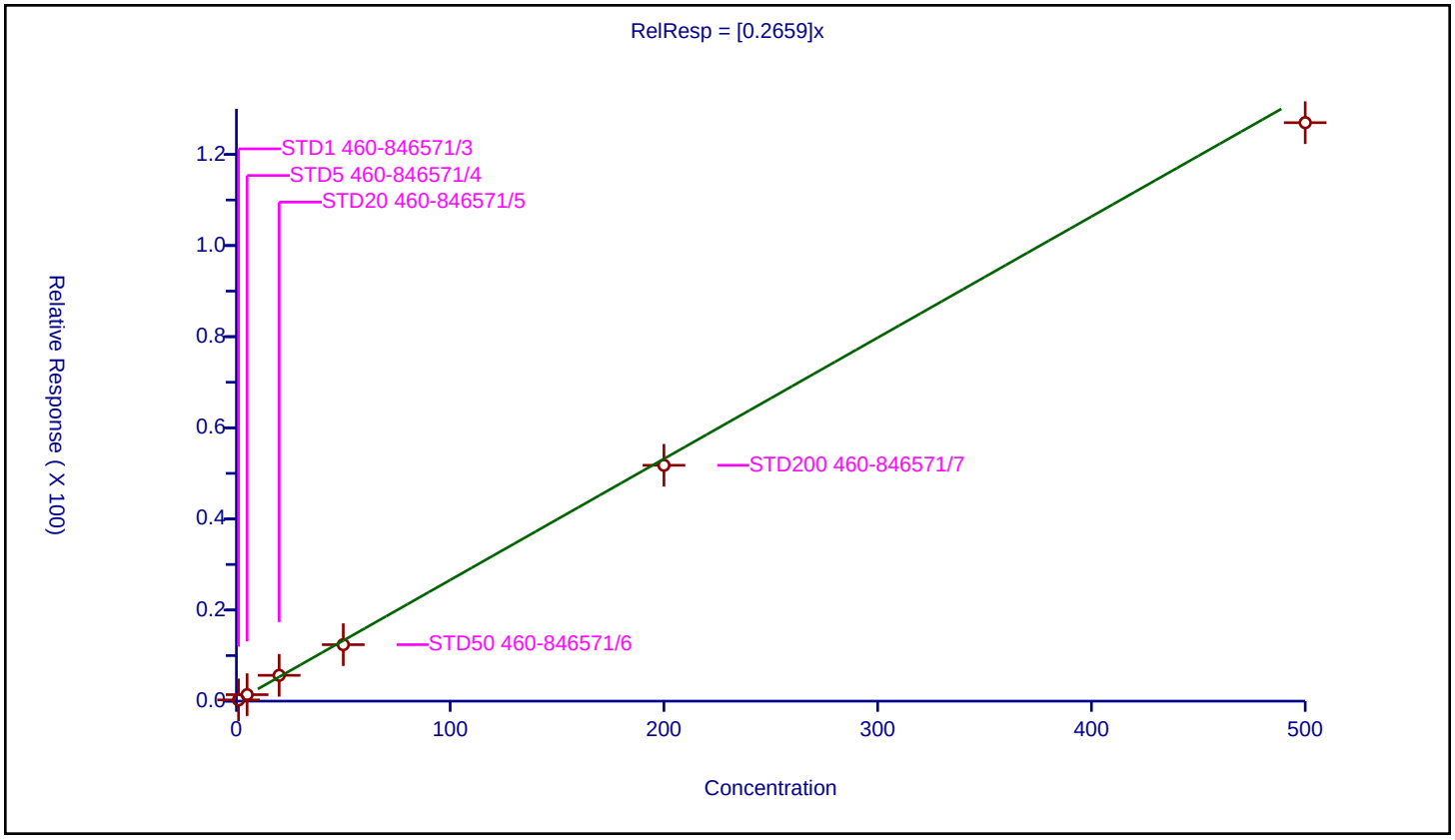
Curve Coefficients

Intercept:	0
Slope:	0.2659

Error Coefficients

Standard Error:	292000
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	STD1 460-846571/3	1.0	0.267216	50.0	219485.0	0.267216	Y
2	STD5 460-846571/4	5.0	1.421651	50.0	228502.0	0.28433	Y
3	STD20 460-846571/5	20.0	5.665241	50.0	214907.0	0.283262	Y
4	STD50 460-846571/6	50.0	12.397547	50.0	220588.0	0.247951	Y
5	STD200 460-846571/7	200.0	51.772343	50.0	227439.0	0.258862	Y
6	STD500 460-846571/8	500.0	126.973185	50.0	238409.0	0.253946	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

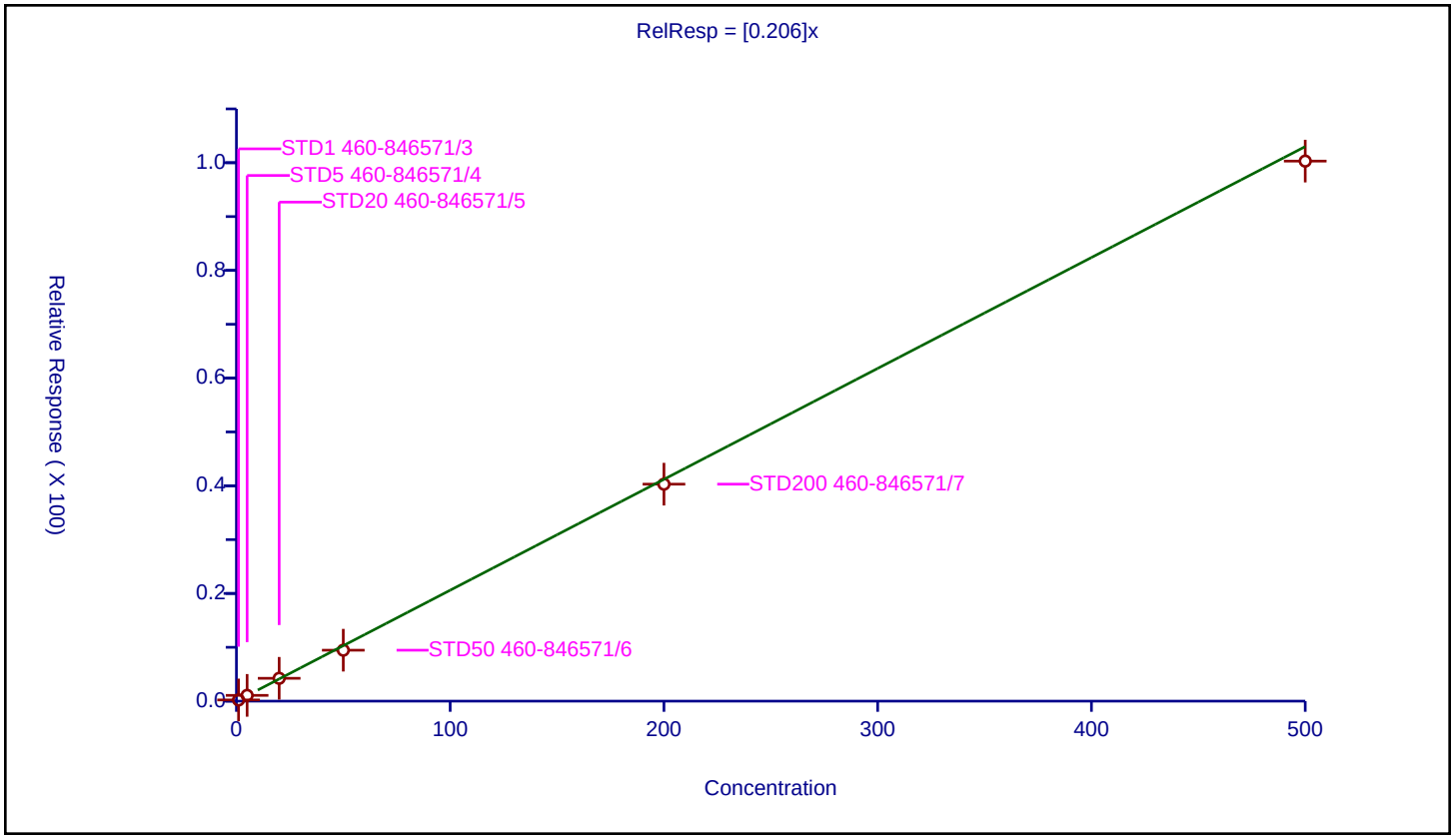
Curve Coefficients

Intercept:	0
Slope:	0.206

Error Coefficients

Standard Error:	230000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.218694	50.0	219485.0	0.218694	Y
2	STD5 460-846571/4	5.0	1.069356	50.0	228502.0	0.213871	Y
3	STD20 460-846571/5	20.0	4.241602	50.0	214907.0	0.21208	Y
4	STD50 460-846571/6	50.0	9.46085	50.0	220588.0	0.189217	Y
5	STD200 460-846571/7	200.0	40.297618	50.0	227439.0	0.201488	Y
6	STD500 460-846571/8	500.0	100.30326	50.0	238409.0	0.200607	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

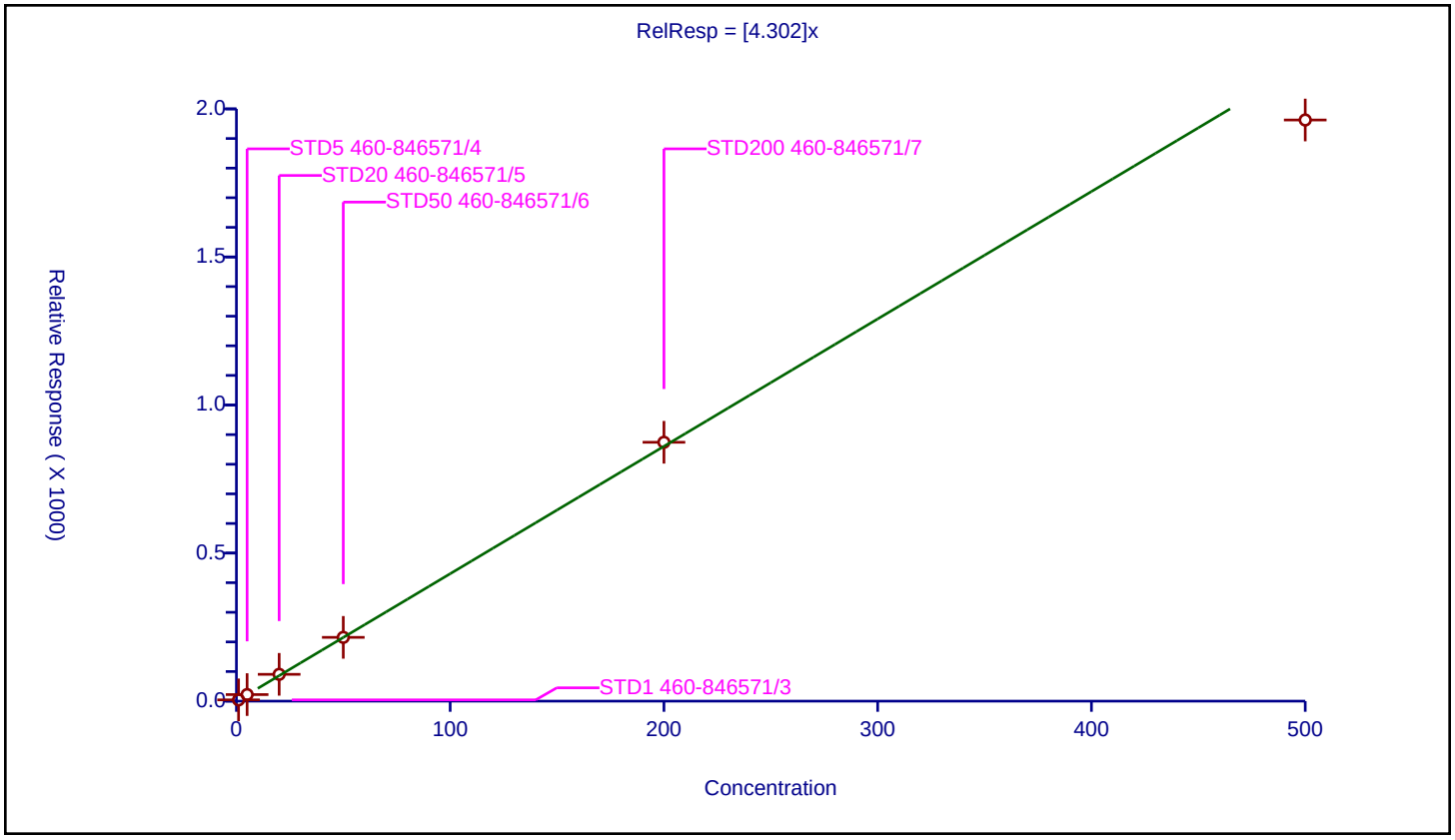
Curve Coefficients

Intercept:	0
Slope:	4.302

Error Coefficients

Standard Error:	4570000
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	STD1 460-846571/3	1.0	4.247898	50.0	219485.0	4.247898	Y
2	STD5 460-846571/4	5.0	22.186677	50.0	228502.0	4.437335	Y
3	STD20 460-846571/5	20.0	90.50915	50.0	214907.0	4.525458	Y
4	STD50 460-846571/6	50.0	215.38479	50.0	220588.0	4.307696	Y
5	STD200 460-846571/7	200.0	874.227595	50.0	227439.0	4.371138	Y
6	STD500 460-846571/8	500.0	1962.480863	50.0	238409.0	3.924962	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

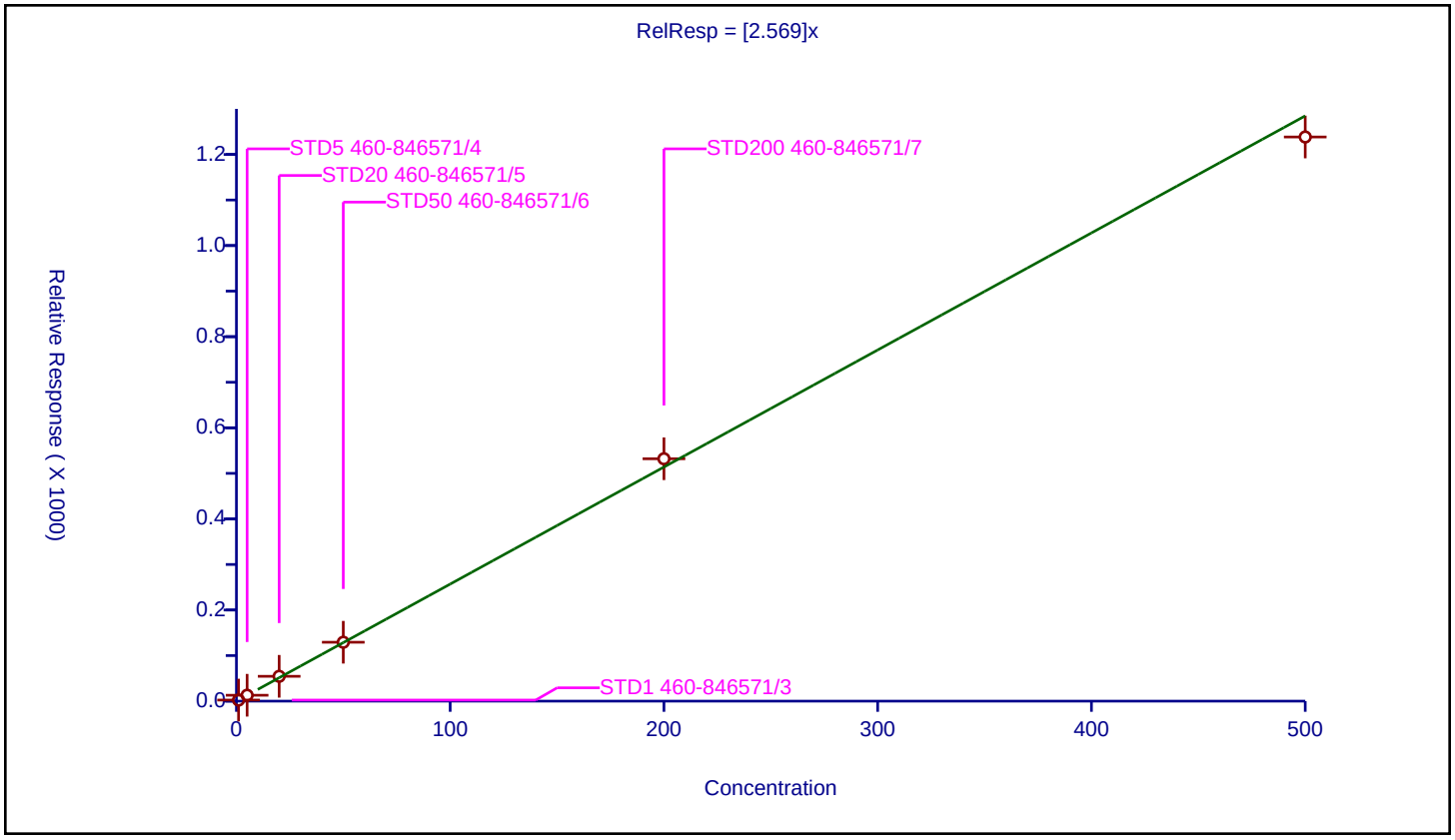
Curve Coefficients

Intercept:	0
Slope:	2.569

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	2.371688	50.0	219485.0	2.371688	Y
2	STD5 460-846571/4	5.0	12.977786	50.0	228502.0	2.595557	Y
3	STD20 460-846571/5	20.0	54.533124	50.0	214907.0	2.726656	Y
4	STD50 460-846571/6	50.0	129.272218	50.0	220588.0	2.585444	Y
5	STD200 460-846571/7	200.0	532.019794	50.0	227439.0	2.660099	Y
6	STD500 460-846571/8	500.0	1238.298051	50.0	238409.0	2.476596	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

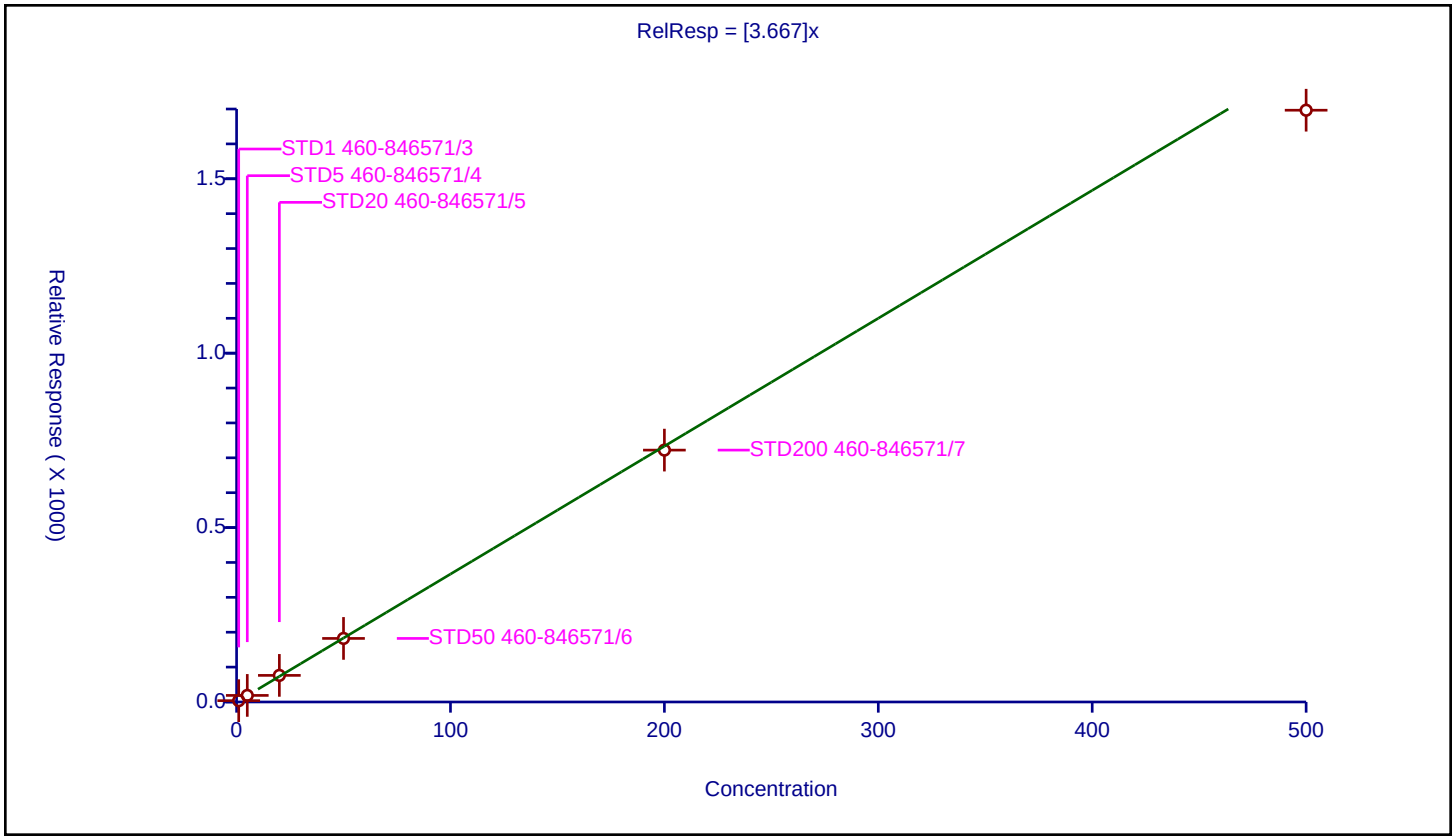
Curve Coefficients

Intercept:	0
Slope:	3.667

Error Coefficients

Standard Error:	3920000
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	STD1 460-846571/3	1.0	3.777251	50.0	219485.0	3.777251	Y
2	STD5 460-846571/4	5.0	18.81559	50.0	228502.0	3.763118	Y
3	STD20 460-846571/5	20.0	76.241118	50.0	214907.0	3.812056	Y
4	STD50 460-846571/6	50.0	182.241101	50.0	220588.0	3.644822	Y
5	STD200 460-846571/7	200.0	722.138244	50.0	227439.0	3.610691	Y
6	STD500 460-846571/8	500.0	1696.53222	50.0	238409.0	3.393064	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

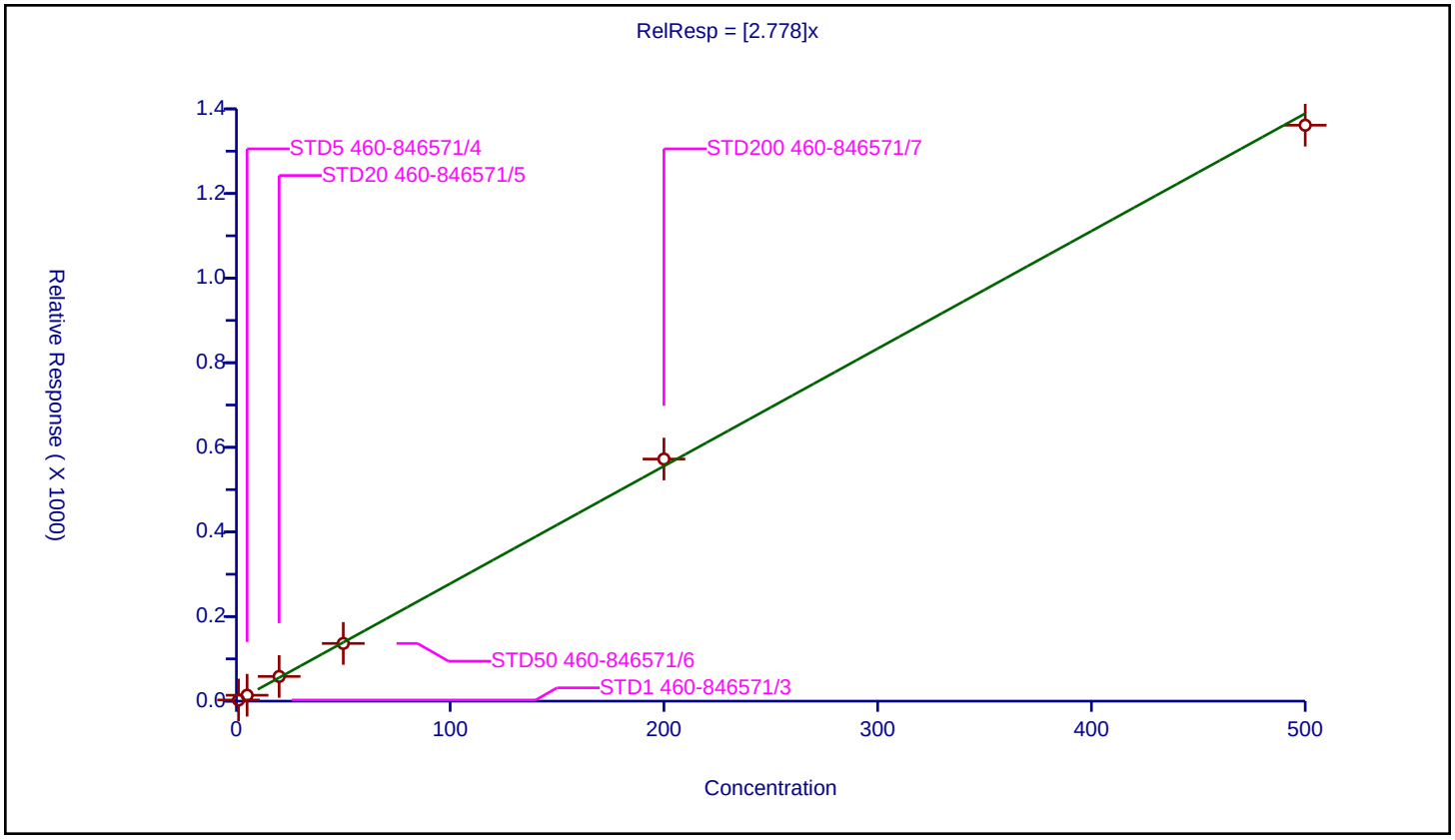
Curve Coefficients

Intercept:	0
Slope:	2.778

Error Coefficients

Standard Error:	3140000
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	STD1 460-846571/3	1.0	2.651662	50.0	219485.0	2.651662	Y
2	STD5 460-846571/4	5.0	13.919791	50.0	228502.0	2.783958	Y
3	STD20 460-846571/5	20.0	58.408056	50.0	214907.0	2.920403	Y
4	STD50 460-846571/6	50.0	136.408146	50.0	220588.0	2.728163	Y
5	STD200 460-846571/7	200.0	572.299166	50.0	227439.0	2.861496	Y
6	STD500 460-846571/8	500.0	1361.399737	50.0	238409.0	2.722799	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

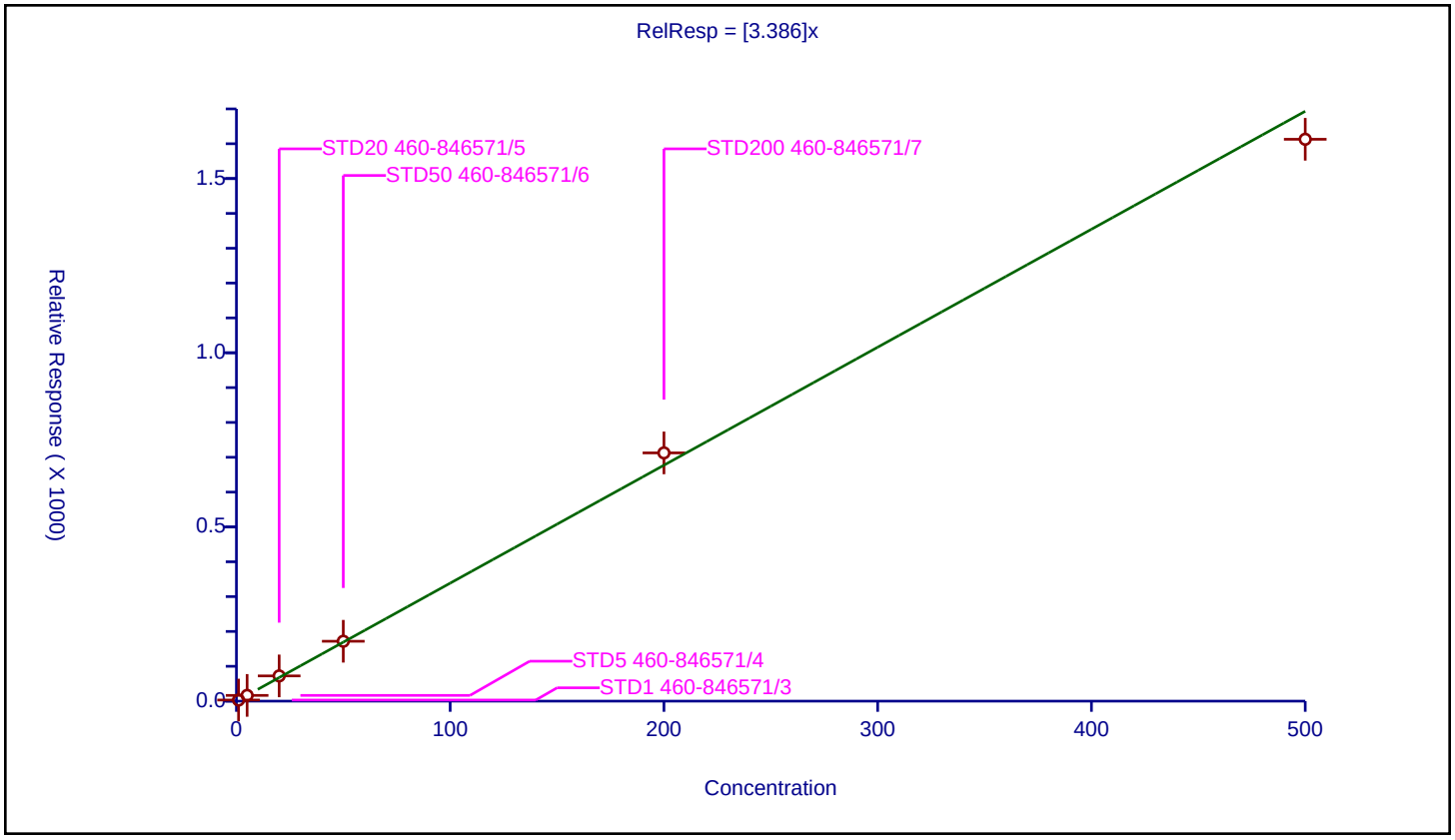
Curve Coefficients

Intercept:	0
Slope:	3.386

Error Coefficients

Standard Error:	3750000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	3.17106	50.0	219485.0	3.17106	Y
2	STD5 460-846571/4	5.0	16.498324	50.0	228502.0	3.299665	Y
3	STD20 460-846571/5	20.0	72.406669	50.0	214907.0	3.620333	Y
4	STD50 460-846571/6	50.0	171.921183	50.0	220588.0	3.438424	Y
5	STD200 460-846571/7	200.0	712.580296	50.0	227439.0	3.562901	Y
6	STD500 460-846571/8	500.0	1612.786849	50.0	238409.0	3.225574	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

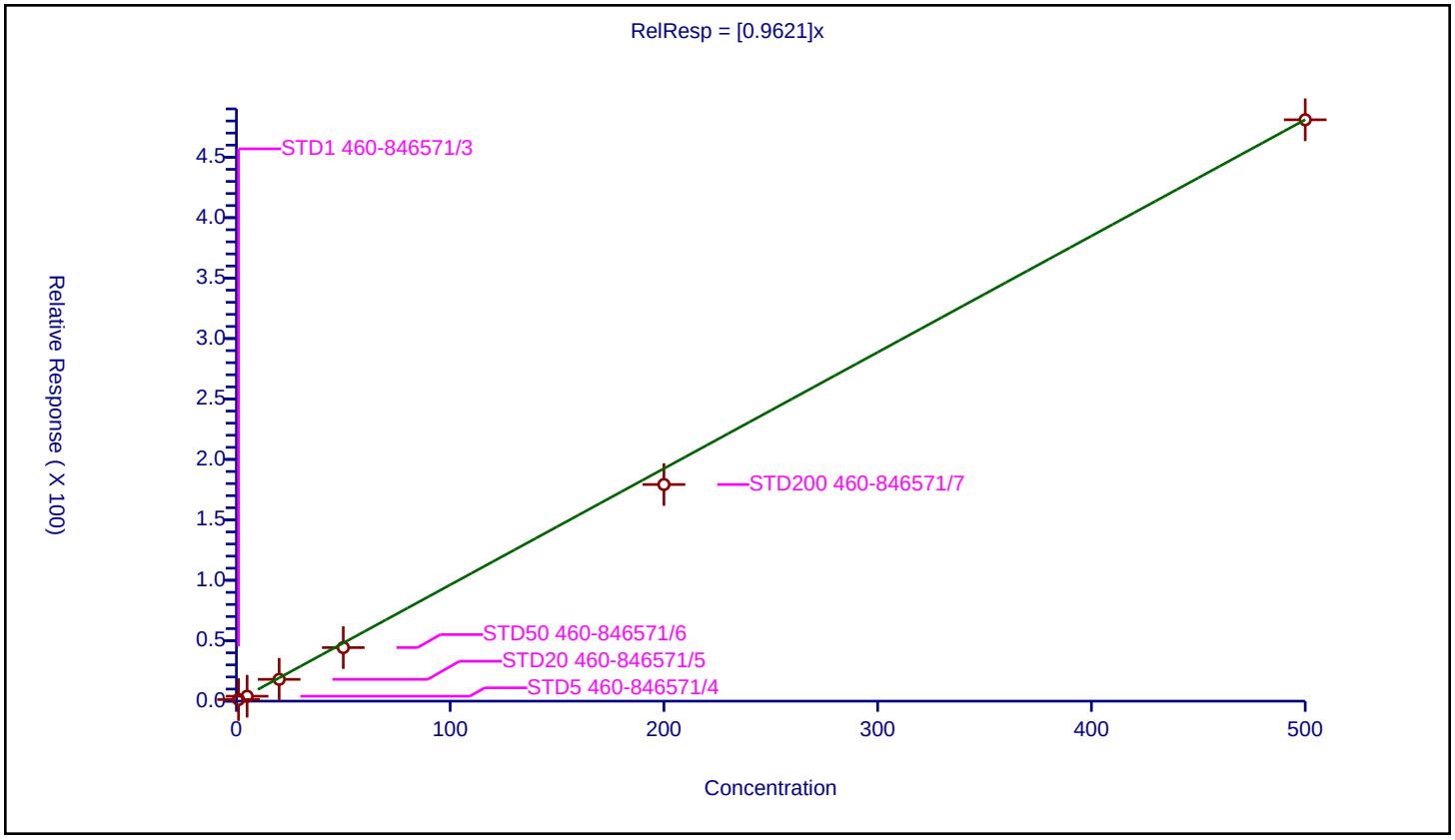
Curve Coefficients

Intercept:	0
Slope:	0.9621

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	18.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.31034	50.0	219485.0	1.31034	Y
2	STD5 460-846571/4	5.0	4.084428	50.0	228502.0	0.816886	Y
3	STD20 460-846571/5	20.0	18.029427	50.0	214907.0	0.901471	Y
4	STD50 460-846571/6	50.0	44.297967	50.0	220588.0	0.885959	Y
5	STD200 460-846571/7	200.0	179.225858	50.0	227439.0	0.896129	Y
6	STD500 460-846571/8	500.0	480.994635	50.0	238409.0	0.961989	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

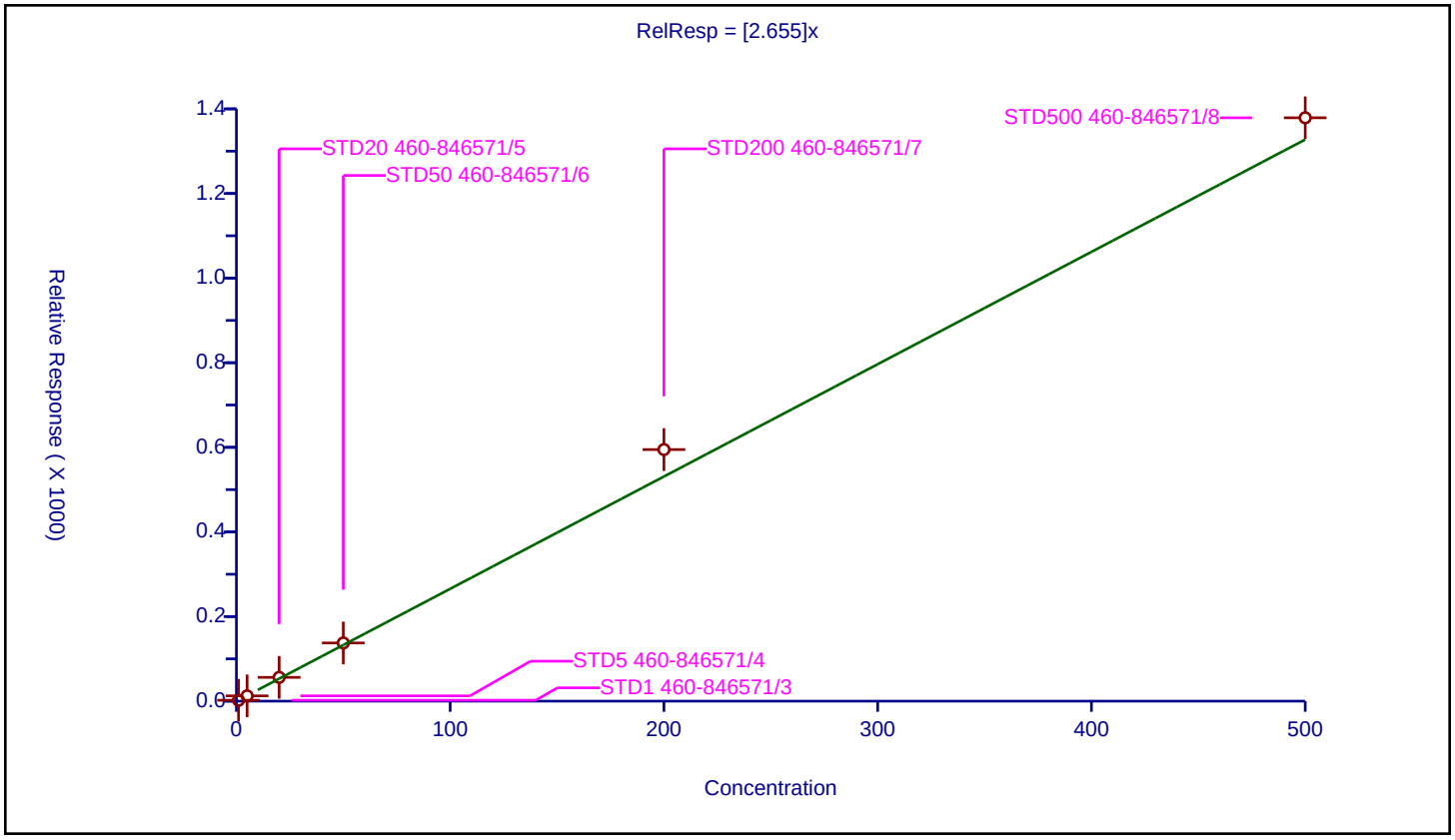
Curve Coefficients

Intercept:	0
Slope:	2.655

Error Coefficients

Standard Error:	3190000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	2.139326	50.0	219485.0	2.139326	Y
2	STD5 460-846571/4	5.0	12.488731	50.0	228502.0	2.497746	Y
3	STD20 460-846571/5	20.0	56.217108	50.0	214907.0	2.810855	Y
4	STD50 460-846571/6	50.0	137.526747	50.0	220588.0	2.750535	Y
5	STD200 460-846571/7	200.0	594.688246	50.0	227439.0	2.973441	Y
6	STD500 460-846571/8	500.0	1378.953185	50.0	238409.0	2.757906	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

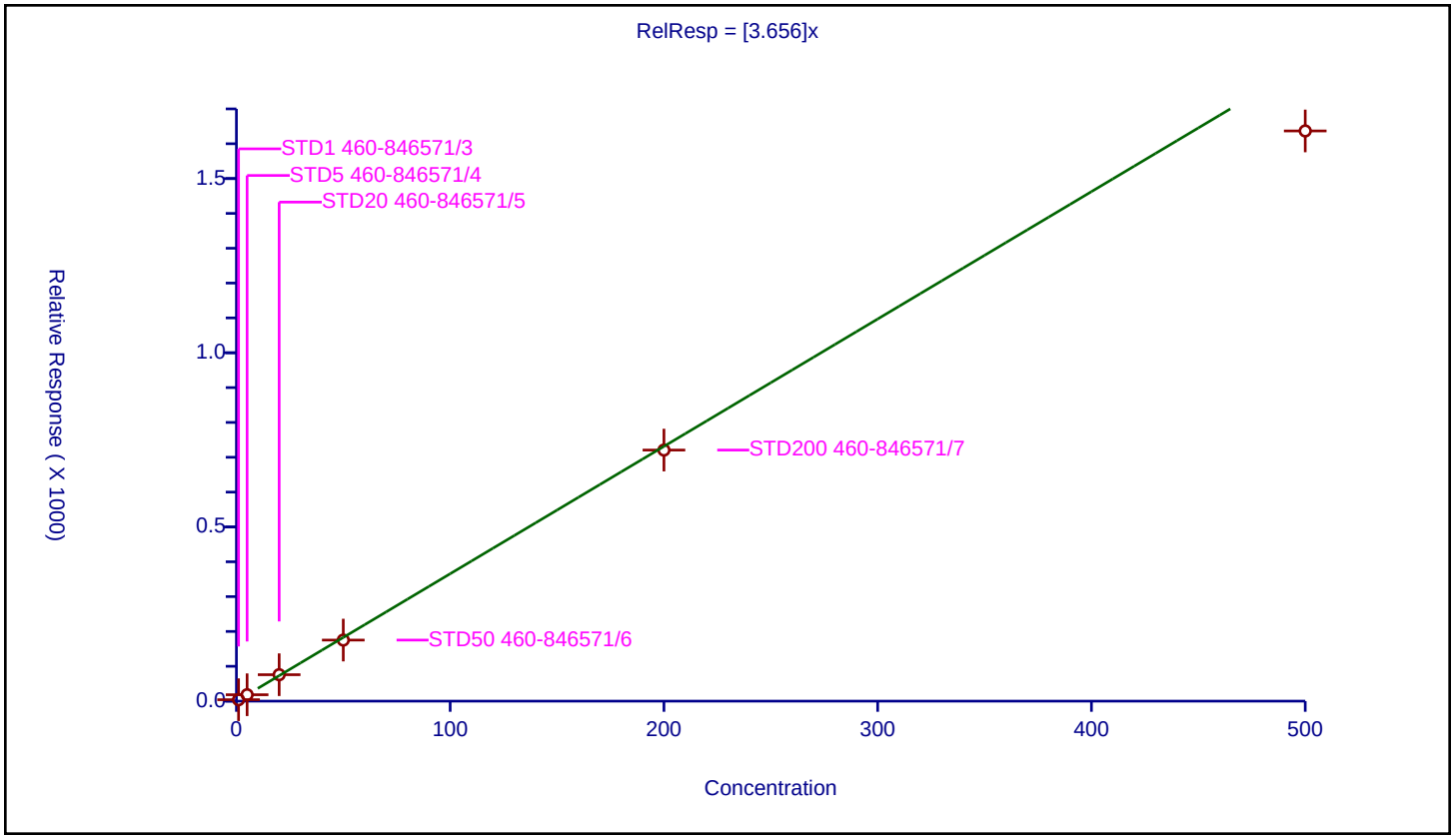
Curve Coefficients

Intercept:	0
Slope:	3.656

Error Coefficients

Standard Error:	3800000
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	STD1 460-846571/3	1.0	4.088662	50.0	219485.0	4.088662	Y
2	STD5 460-846571/4	5.0	18.360233	50.0	228502.0	3.672047	Y
3	STD20 460-846571/5	20.0	75.888175	50.0	214907.0	3.794409	Y
4	STD50 460-846571/6	50.0	175.300787	50.0	220588.0	3.506016	Y
5	STD200 460-846571/7	200.0	720.636302	50.0	227439.0	3.603182	Y
6	STD500 460-846571/8	500.0	1636.679404	50.0	238409.0	3.273359	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

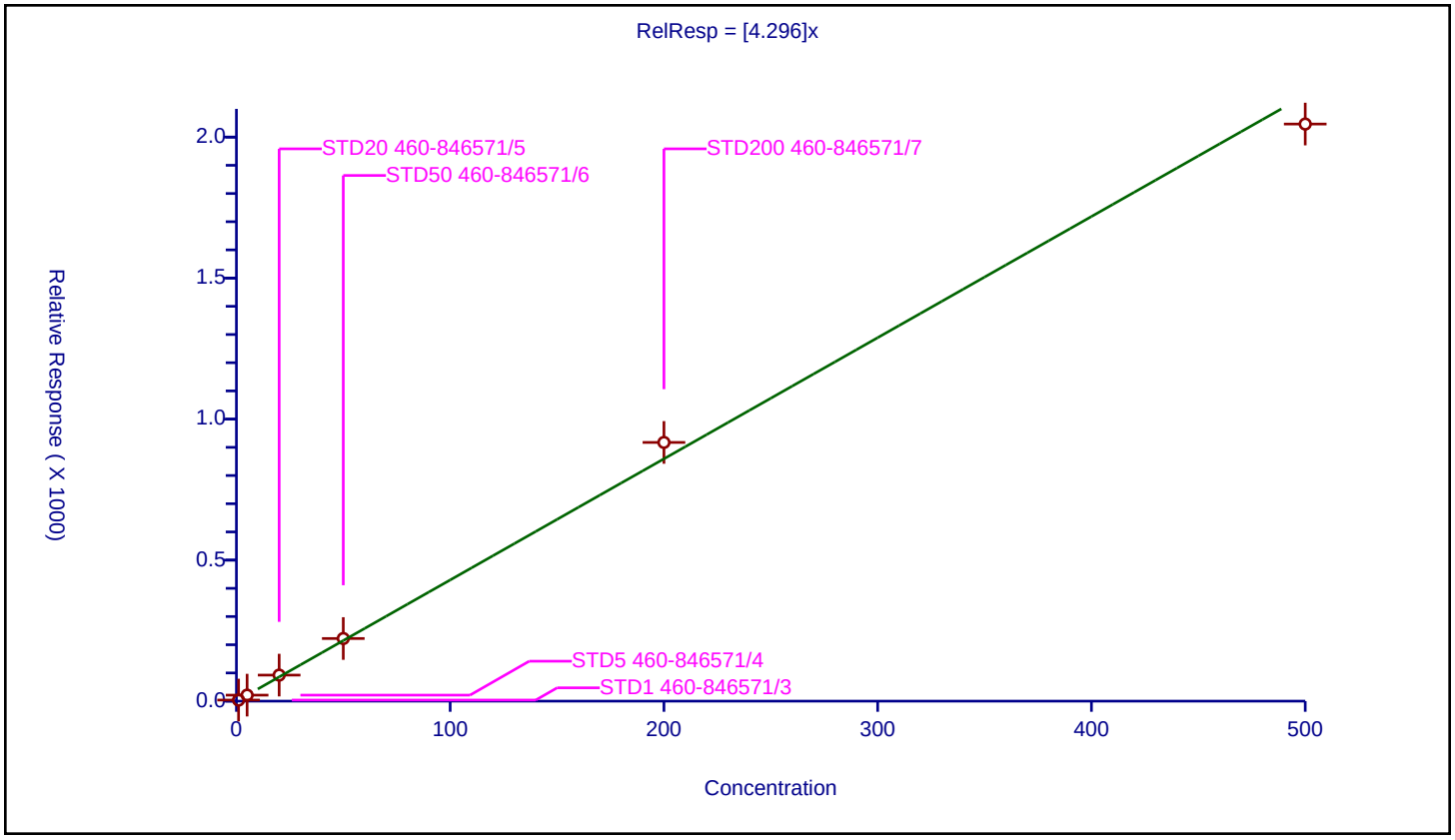
Curve Coefficients

Intercept:	0
Slope:	4.296

Error Coefficients

Standard Error:	4770000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	3.777251	50.0	219485.0	3.777251	Y
2	STD5 460-846571/4	5.0	21.316225	50.0	228502.0	4.263245	Y
3	STD20 460-846571/5	20.0	92.288525	50.0	214907.0	4.614426	Y
4	STD50 460-846571/6	50.0	222.08937	50.0	220588.0	4.441787	Y
5	STD200 460-846571/7	200.0	917.31871	50.0	227439.0	4.586594	Y
6	STD500 460-846571/8	500.0	2046.246786	50.0	238409.0	4.092494	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

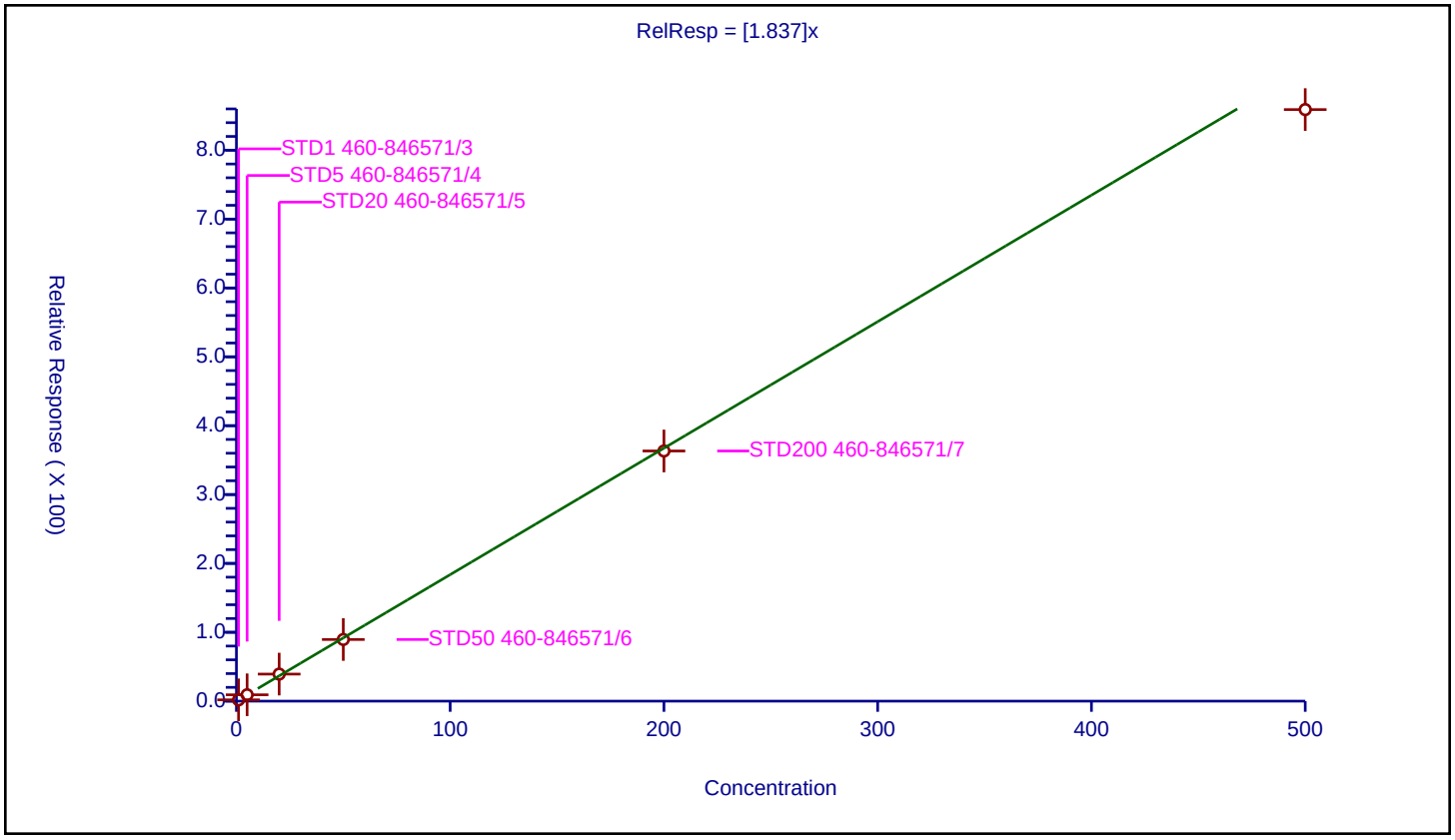
Curve Coefficients

Intercept:	0
Slope:	1.837

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.889195	50.0	219485.0	1.889195	Y
2	STD5 460-846571/4	5.0	9.215893	50.0	228502.0	1.843179	Y
3	STD20 460-846571/5	20.0	39.274198	50.0	214907.0	1.96371	Y
4	STD50 460-846571/6	50.0	89.518695	50.0	220588.0	1.790374	Y
5	STD200 460-846571/7	200.0	363.241572	50.0	227439.0	1.816208	Y
6	STD500 460-846571/8	500.0	859.007001	50.0	238409.0	1.718014	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

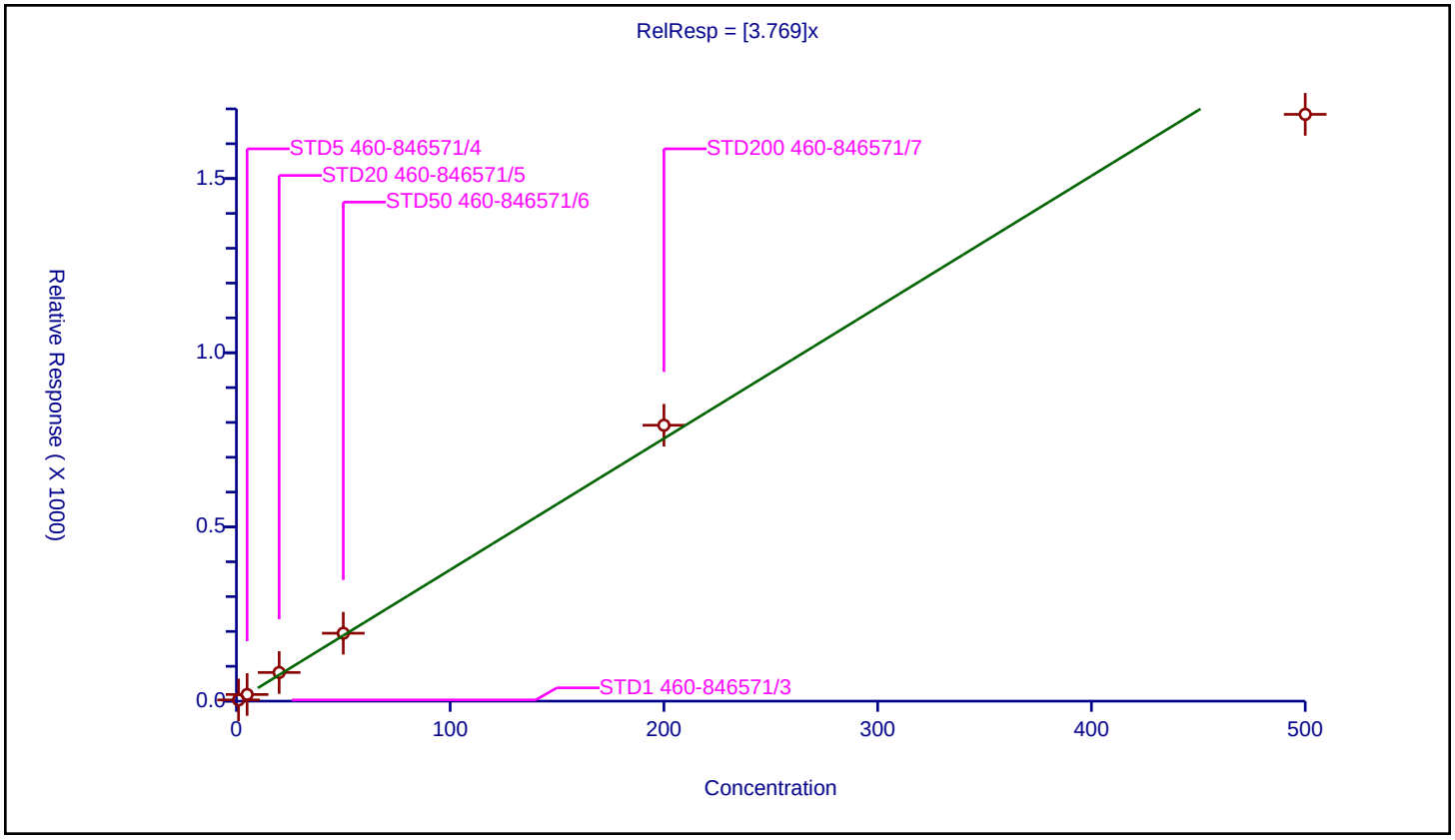
Curve Coefficients

Intercept:	0
Slope:	3.769

Error Coefficients

Standard Error:	3960000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	3.460373	50.0	219485.0	3.460373	Y
2	STD5 460-846571/4	5.0	19.070949	50.0	228502.0	3.81419	Y
3	STD20 460-846571/5	20.0	82.27745	50.0	214907.0	4.113873	Y
4	STD50 460-846571/6	50.0	194.932181	50.0	220588.0	3.898644	Y
5	STD200 460-846571/7	200.0	791.980707	50.0	227439.0	3.959904	Y
6	STD500 460-846571/8	500.0	1684.356715	50.0	238409.0	3.368713	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

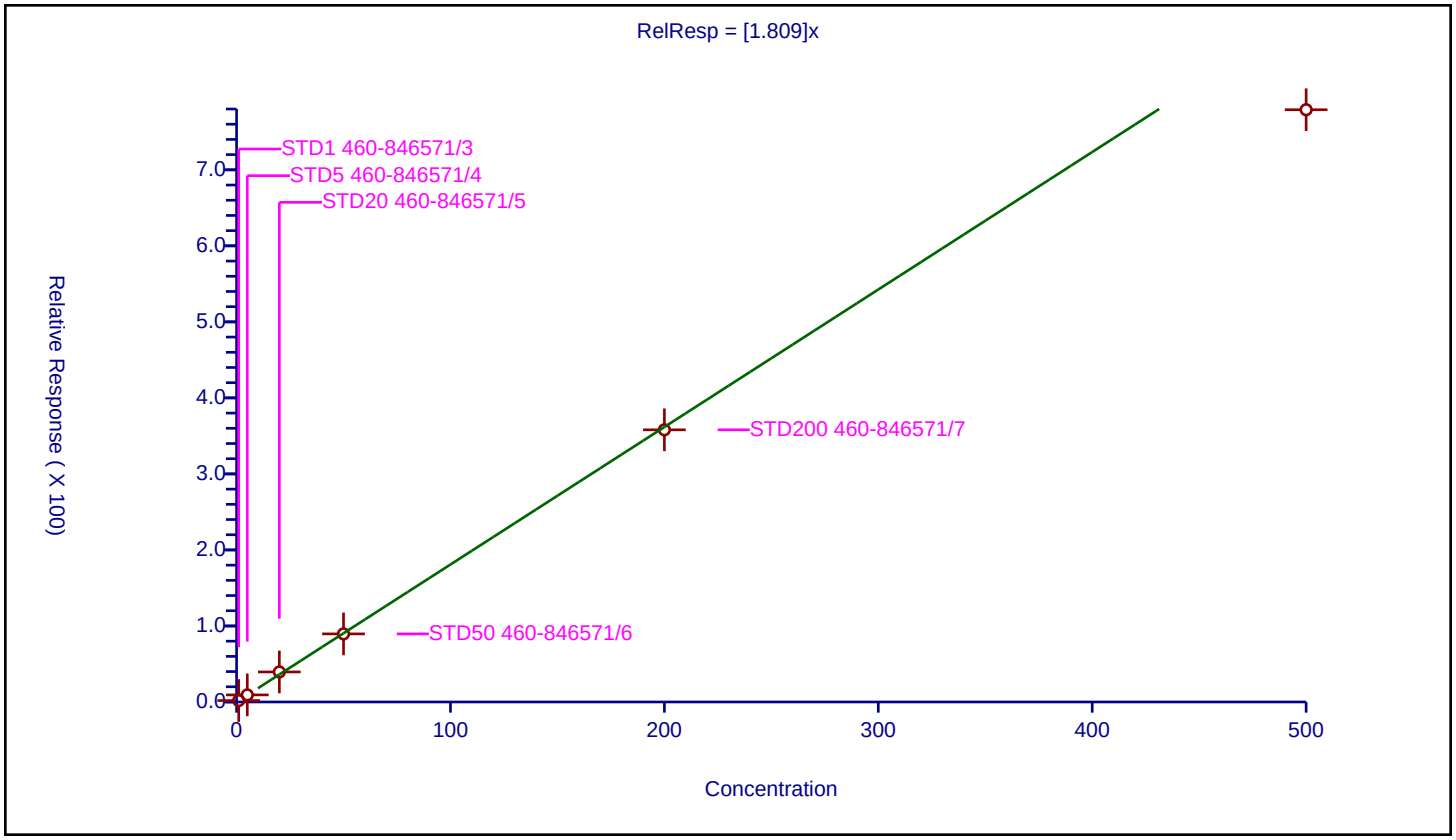
Curve Coefficients

Intercept:	0
Slope:	1.809

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.869604	50.0	219485.0	1.869604	Y
2	STD5 460-846571/4	5.0	9.329459	50.0	228502.0	1.865892	Y
3	STD20 460-846571/5	20.0	39.513371	50.0	214907.0	1.975669	Y
4	STD50 460-846571/6	50.0	89.580802	50.0	220588.0	1.791616	Y
5	STD200 460-846571/7	200.0	358.030285	50.0	227439.0	1.790151	Y
6	STD500 460-846571/8	500.0	779.068533	50.0	238409.0	1.558137	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

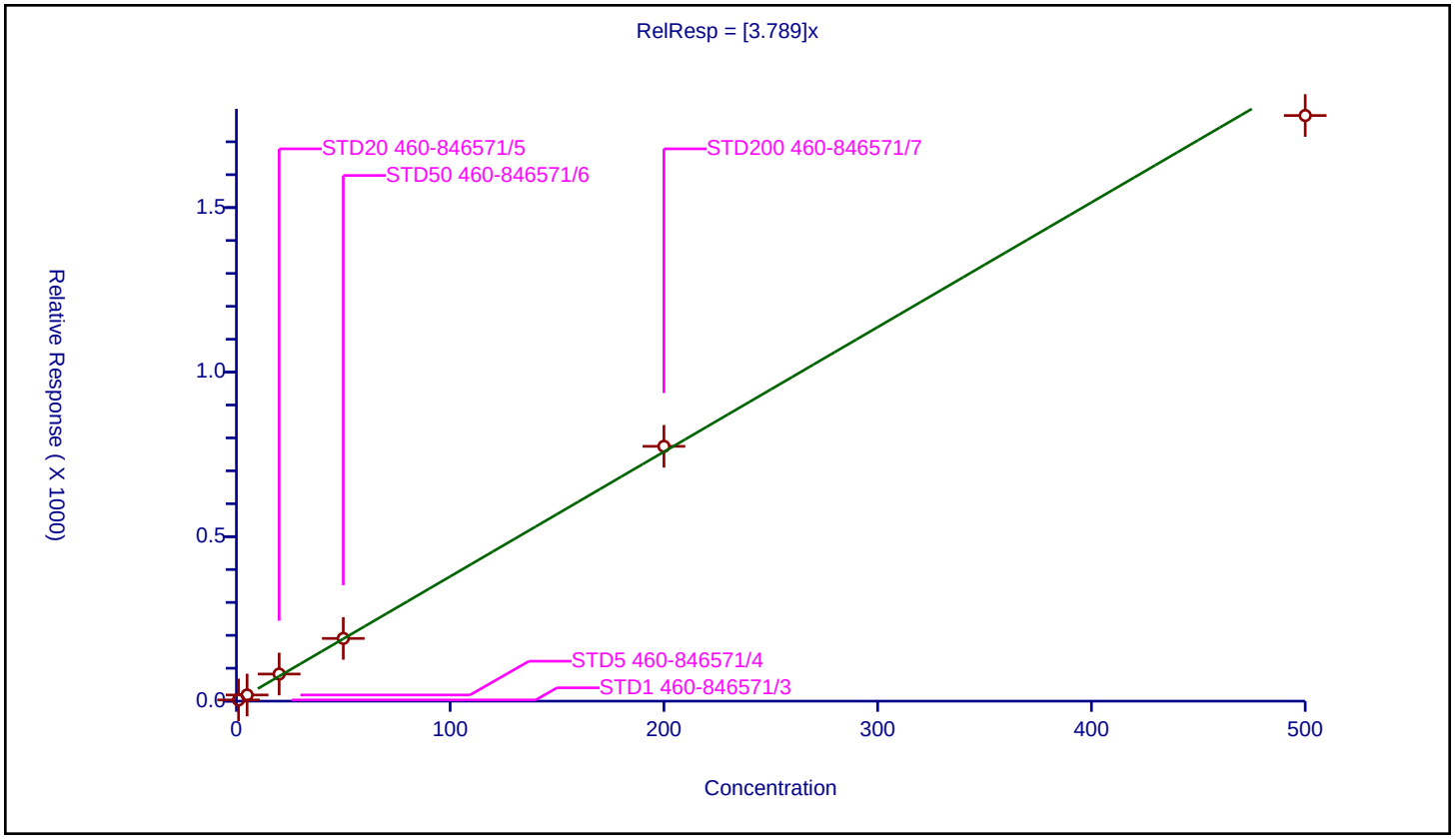
Curve Coefficients

Intercept:	0
Slope:	3.789

Error Coefficients

Standard Error:	4130000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	3.625532	50.0	219485.0	3.625532	Y
2	STD5 460-846571/4	5.0	18.747538	50.0	228502.0	3.749508	Y
3	STD20 460-846571/5	20.0	82.341431	50.0	214907.0	4.117072	Y
4	STD50 460-846571/6	50.0	190.58131	50.0	220588.0	3.811626	Y
5	STD200 460-846571/7	200.0	774.45315	50.0	227439.0	3.872266	Y
6	STD500 460-846571/8	500.0	1779.877647	50.0	238409.0	3.559755	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

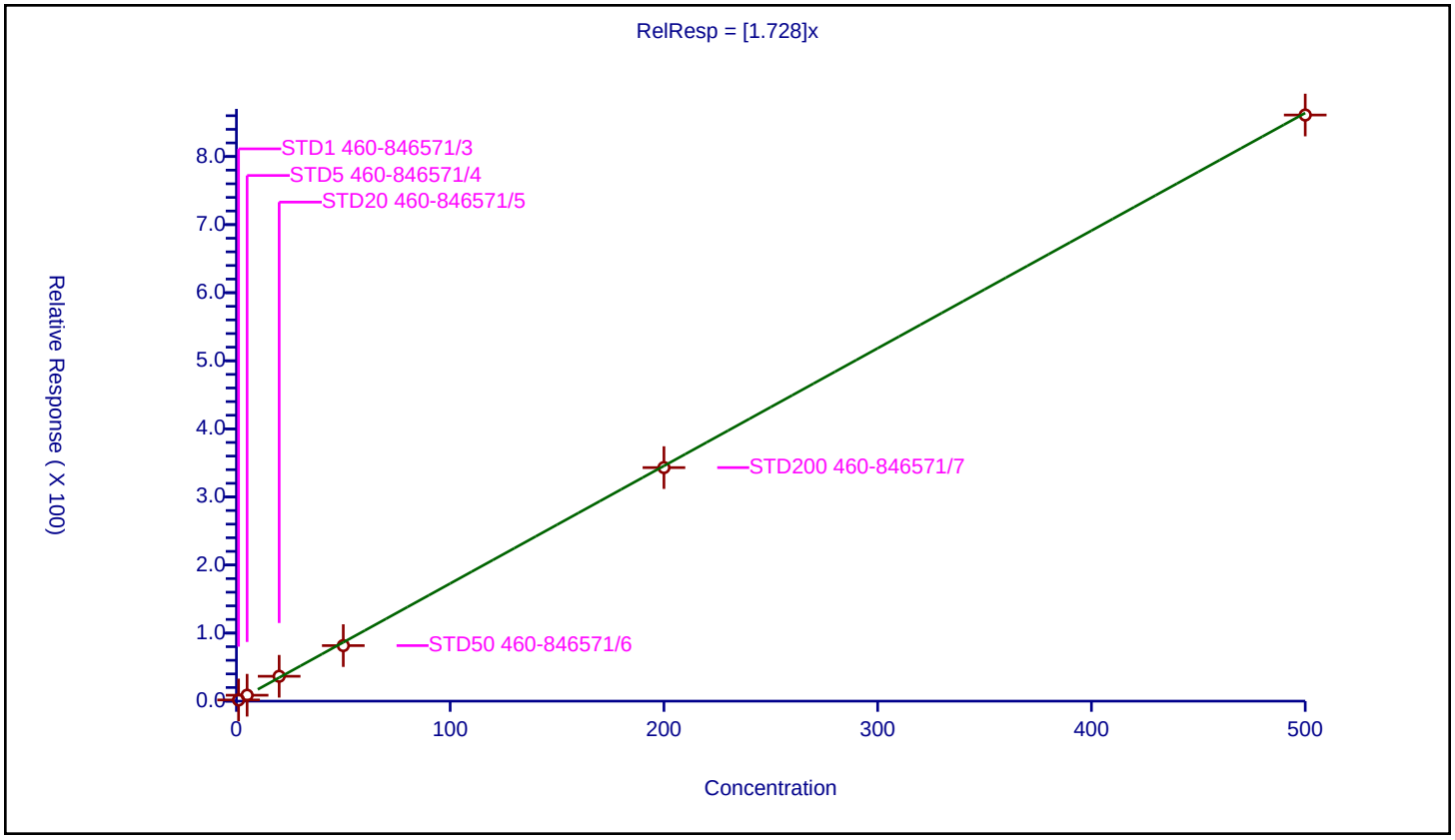
Curve Coefficients

Intercept:	0
Slope:	1.728

Error Coefficients

Standard Error:	1970000
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	STD1 460-846571/3	1.0	1.731781	50.0	219485.0	1.731781	Y
2	STD5 460-846571/4	5.0	8.699049	50.0	228502.0	1.73981	Y
3	STD20 460-846571/5	20.0	36.540457	50.0	214907.0	1.827023	Y
4	STD50 460-846571/6	50.0	81.576514	50.0	220588.0	1.63153	Y
5	STD200 460-846571/7	200.0	343.08386	50.0	227439.0	1.715419	Y
6	STD500 460-846571/8	500.0	860.981758	50.0	238409.0	1.721964	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

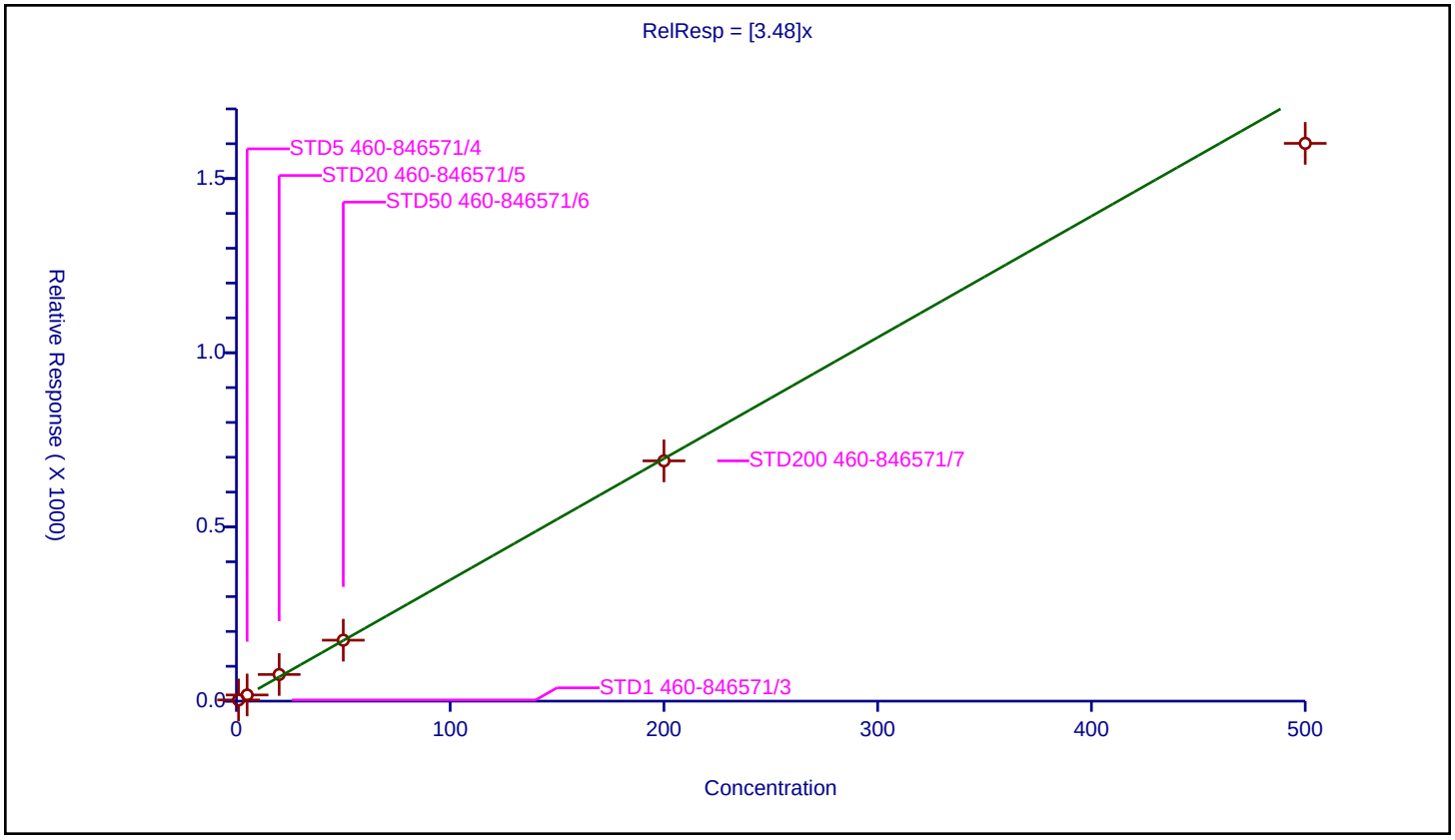
Curve Coefficients

Intercept:	0
Slope:	3.48

Error Coefficients

Standard Error:	3710000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	3.36515	50.0	219485.0	3.36515	Y
2	STD5 460-846571/4	5.0	17.705315	50.0	228502.0	3.541063	Y
3	STD20 460-846571/5	20.0	76.491692	50.0	214907.0	3.824585	Y
4	STD50 460-846571/6	50.0	174.98572	50.0	220588.0	3.499714	Y
5	STD200 460-846571/7	200.0	689.683388	50.0	227439.0	3.448417	Y
6	STD500 460-846571/8	500.0	1601.092241	50.0	238409.0	3.202184	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

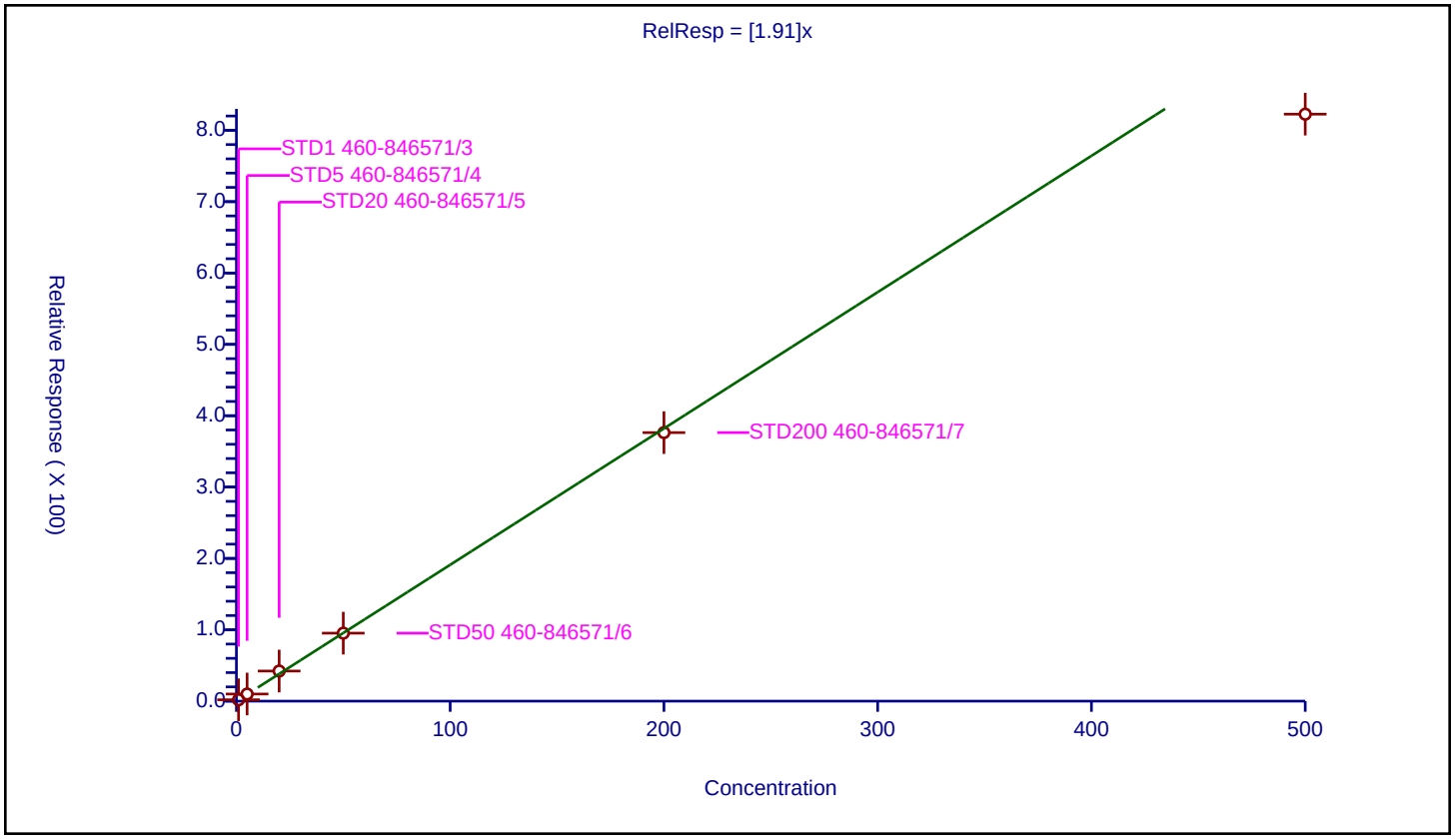
Curve Coefficients

Intercept:	0
Slope:	1.91

Error Coefficients

Standard Error:	1920000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.925189	50.0	219485.0	1.925189	Y
2	STD5 460-846571/4	5.0	9.976499	50.0	228502.0	1.9953	Y
3	STD20 460-846571/5	20.0	42.206629	50.0	214907.0	2.110331	Y
4	STD50 460-846571/6	50.0	95.256315	50.0	220588.0	1.905126	Y
5	STD200 460-846571/7	200.0	376.336292	50.0	227439.0	1.881681	Y
6	STD500 460-846571/8	500.0	822.610724	50.0	238409.0	1.645221	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

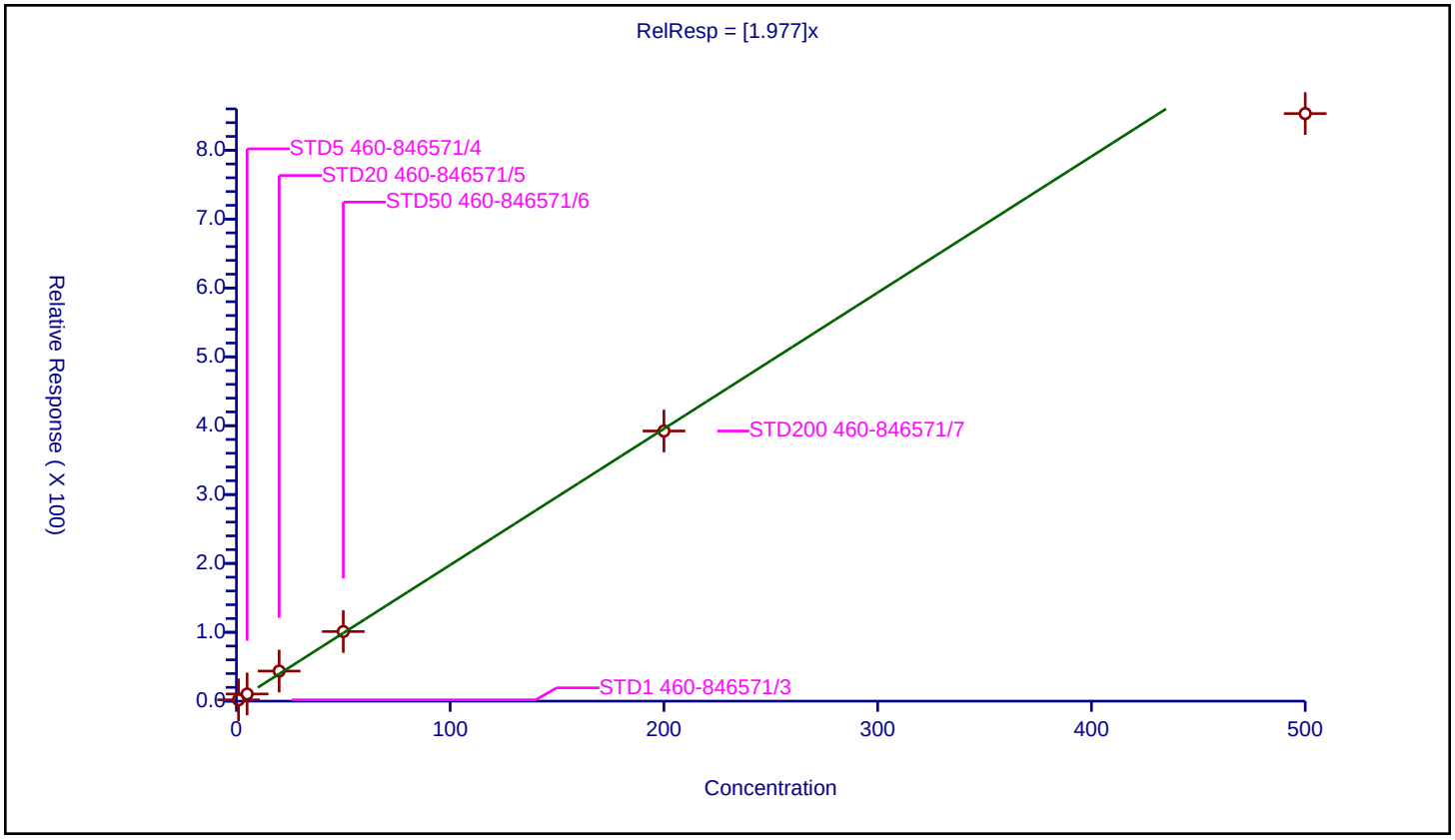
Curve Coefficients

Intercept:	0
Slope:	1.977

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.912431	50.0	219485.0	1.912431	Y
2	STD5 460-846571/4	5.0	10.391375	50.0	228502.0	2.078275	Y
3	STD20 460-846571/5	20.0	43.687735	50.0	214907.0	2.184387	Y
4	STD50 460-846571/6	50.0	101.088001	50.0	220588.0	2.02176	Y
5	STD200 460-846571/7	200.0	392.245833	50.0	227439.0	1.961229	Y
6	STD500 460-846571/8	500.0	853.207094	50.0	238409.0	1.706414	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

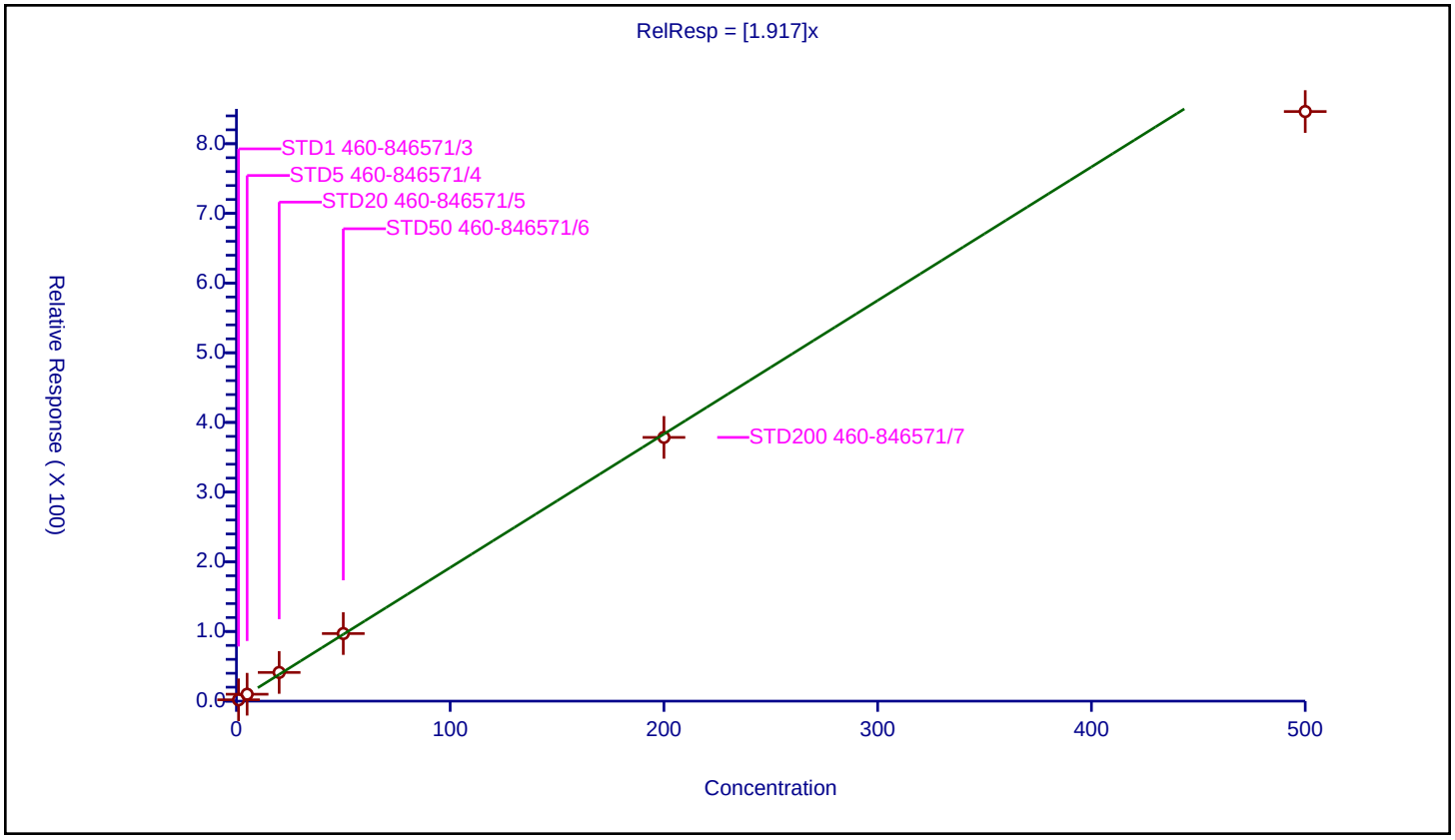
Curve Coefficients

Intercept:	0
Slope:	1.917

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.932934	50.0	219485.0	1.932934	Y
2	STD5 460-846571/4	5.0	9.918075	50.0	228502.0	1.983615	Y
3	STD20 460-846571/5	20.0	41.186885	50.0	214907.0	2.059344	Y
4	STD50 460-846571/6	50.0	96.993717	50.0	220588.0	1.939874	Y
5	STD200 460-846571/7	200.0	378.533585	50.0	227439.0	1.892668	Y
6	STD500 460-846571/8	500.0	846.217634	50.0	238409.0	1.692435	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

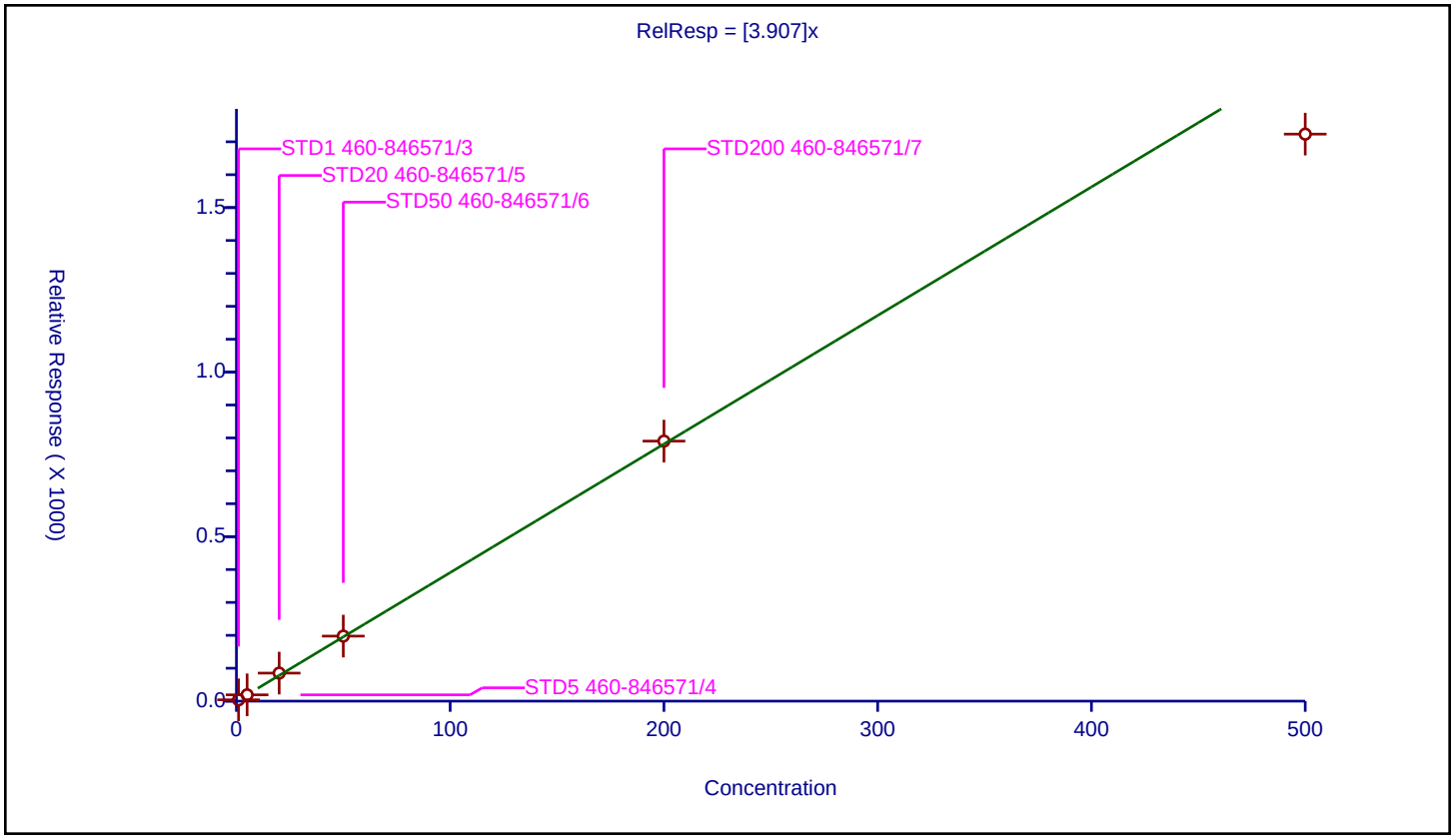
Curve Coefficients

Intercept:	0
Slope:	3.907

Error Coefficients

Standard Error:	4030000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	3.999818	50.0	219485.0	3.999818	Y
2	STD5 460-846571/4	5.0	19.143377	50.0	228502.0	3.828675	Y
3	STD20 460-846571/5	20.0	85.221049	50.0	214907.0	4.261052	Y
4	STD50 460-846571/6	50.0	197.655131	50.0	220588.0	3.953103	Y
5	STD200 460-846571/7	200.0	790.337409	50.0	227439.0	3.951687	Y
6	STD500 460-846571/8	500.0	1723.314137	50.0	238409.0	3.446628	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

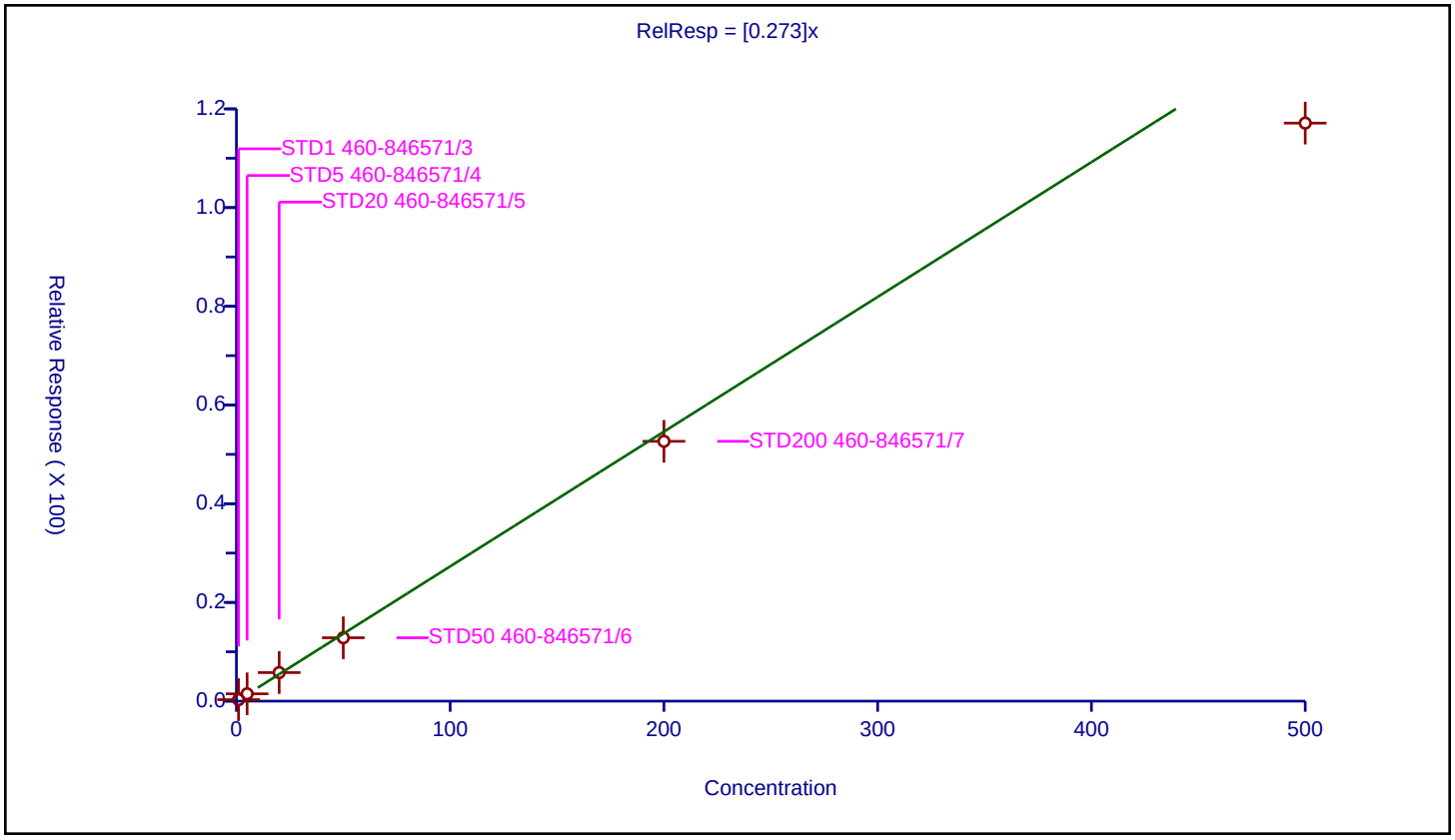
Curve Coefficients

Intercept:	0
Slope:	0.273

Error Coefficients

Standard Error:	273000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.297287	50.0	219485.0	0.297287	Y
2	STD5 460-846571/4	5.0	1.485764	50.0	228502.0	0.297153	Y
3	STD20 460-846571/5	20.0	5.788318	50.0	214907.0	0.289416	Y
4	STD50 460-846571/6	50.0	12.841587	50.0	220588.0	0.256832	Y
5	STD200 460-846571/7	200.0	52.647963	50.0	227439.0	0.26324	Y
6	STD500 460-846571/8	500.0	117.11932	50.0	238409.0	0.234239	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

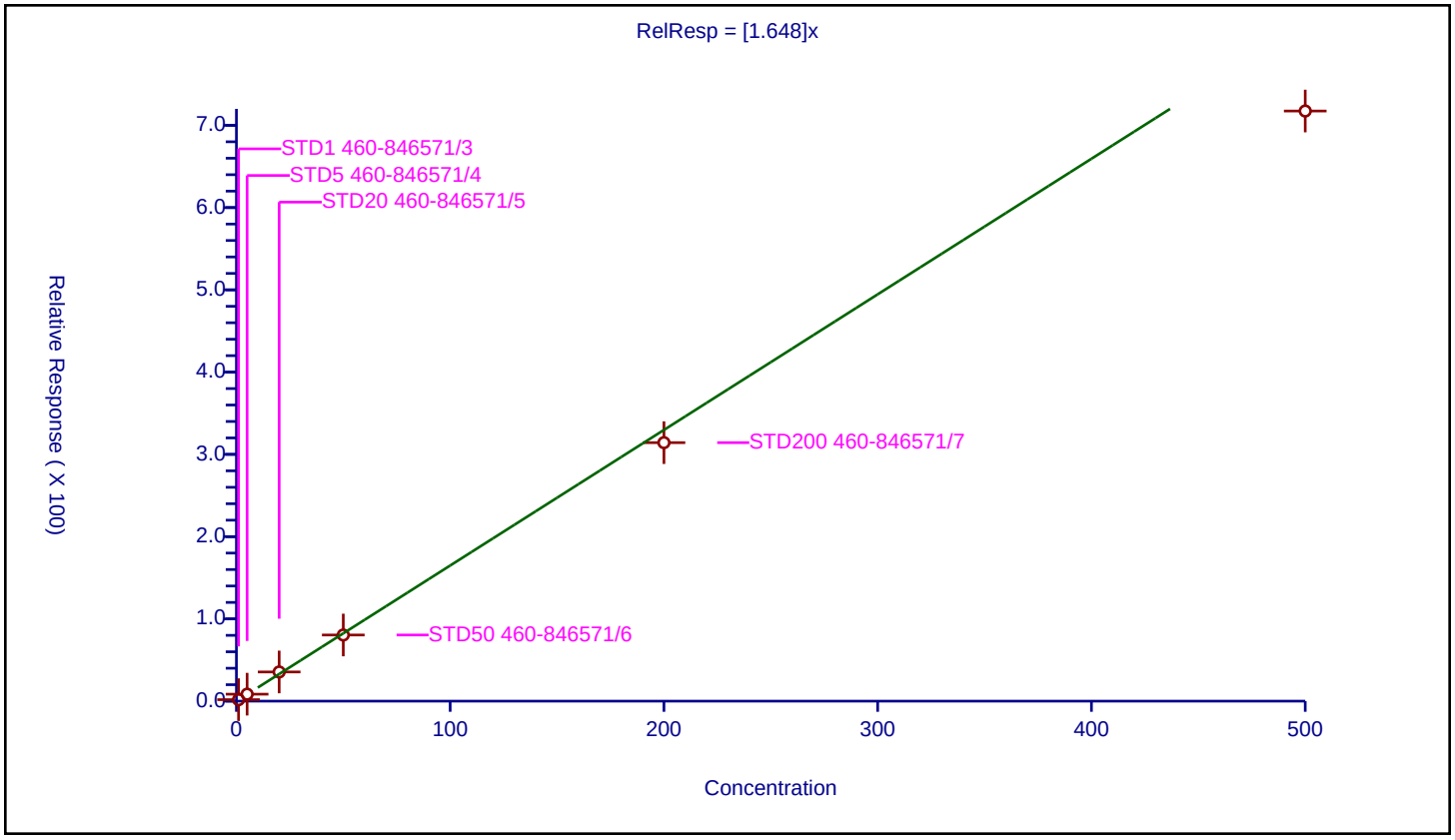
Curve Coefficients

Intercept:	0
Slope:	1.648

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.808324	50.0	219485.0	1.808324	Y
2	STD5 460-846571/4	5.0	8.471479	50.0	228502.0	1.694296	Y
3	STD20 460-846571/5	20.0	35.471855	50.0	214907.0	1.773593	Y
4	STD50 460-846571/6	50.0	80.425952	50.0	220588.0	1.608519	Y
5	STD200 460-846571/7	200.0	314.240741	50.0	227439.0	1.571204	Y
6	STD500 460-846571/8	500.0	717.412304	50.0	238409.0	1.434825	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

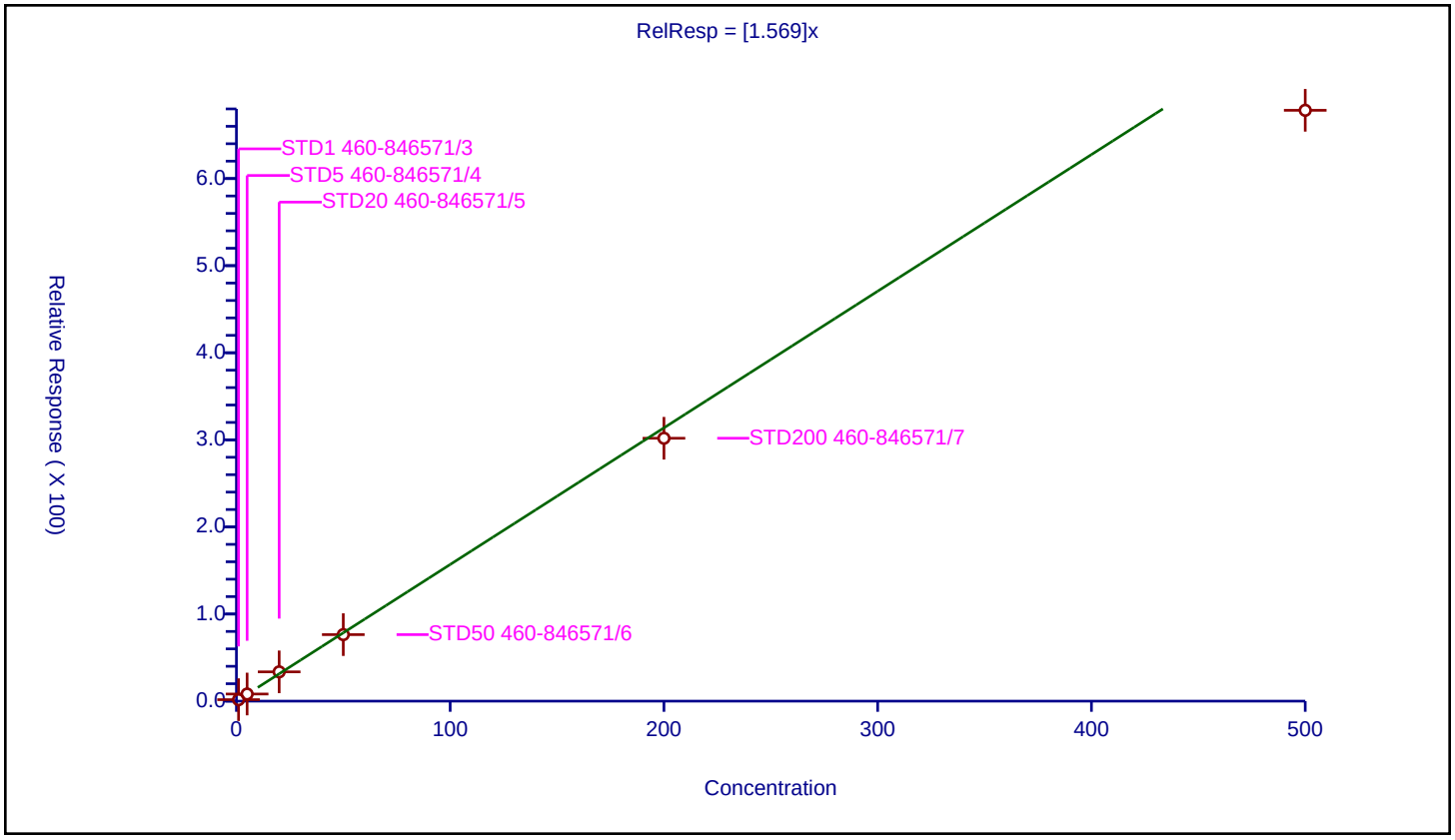
Curve Coefficients

Intercept:	0
Slope:	1.569

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.7049	50.0	219485.0	1.7049	Y
2	STD5 460-846571/4	5.0	8.172357	50.0	228502.0	1.634471	Y
3	STD20 460-846571/5	20.0	33.612214	50.0	214907.0	1.680611	Y
4	STD50 460-846571/6	50.0	76.374055	50.0	220588.0	1.527481	Y
5	STD200 460-846571/7	200.0	301.857641	50.0	227439.0	1.509288	Y
6	STD500 460-846571/8	500.0	678.373929	50.0	238409.0	1.356748	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

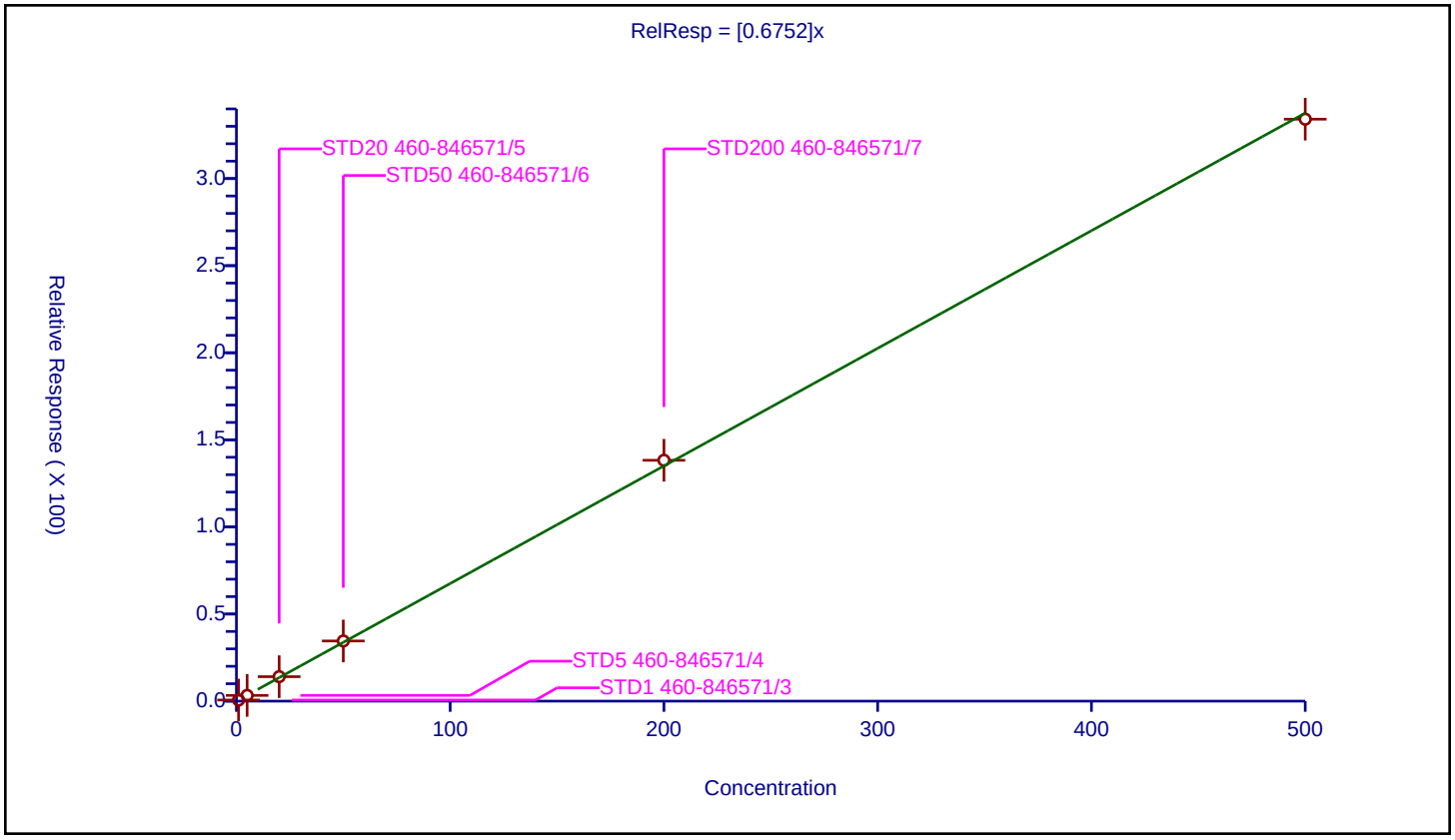
Curve Coefficients

Intercept:	0
Slope:	0.6752

Error Coefficients

Standard Error:	769000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	0.640818	50.0	219485.0	0.640818	Y
2	STD5 460-846571/4	5.0	3.288155	50.0	228502.0	0.657631	Y
3	STD20 460-846571/5	20.0	14.049798	50.0	214907.0	0.70249	Y
4	STD50 460-846571/6	50.0	34.538824	50.0	220588.0	0.690776	Y
5	STD200 460-846571/7	200.0	138.270261	50.0	227439.0	0.691351	Y
6	STD500 460-846571/8	500.0	334.099594	50.0	238409.0	0.668199	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

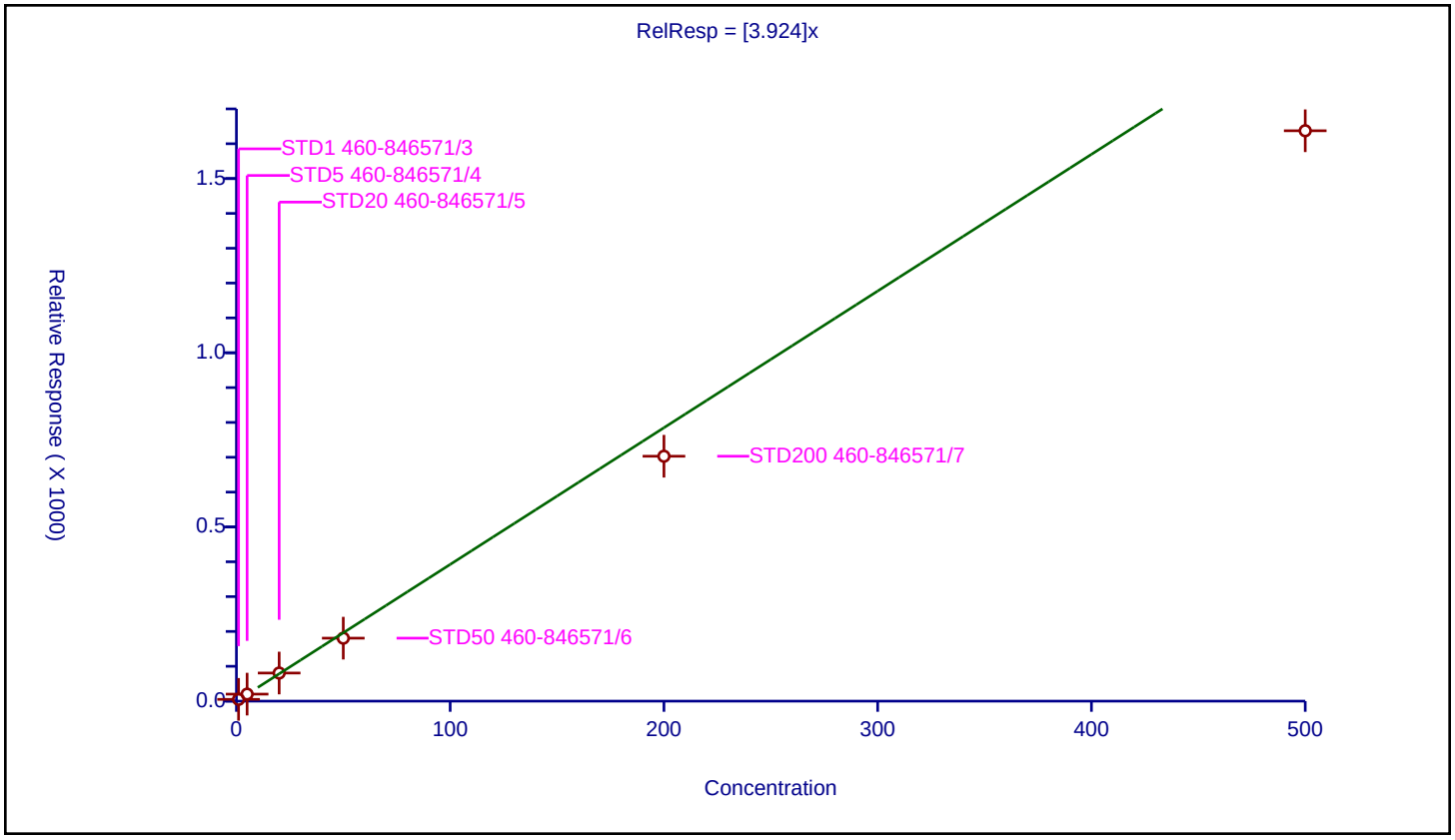
Curve Coefficients

Intercept:	0
Slope:	3.924

Error Coefficients

Standard Error:	3790000
Relative Standard Error:	16.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	5.071645	50.0	219485.0	5.071645	Y
2	STD5 460-846571/4	5.0	20.160655	50.0	228502.0	4.032131	Y
3	STD20 460-846571/5	20.0	80.712122	50.0	214907.0	4.035606	Y
4	STD50 460-846571/6	50.0	180.730139	50.0	220588.0	3.614603	Y
5	STD200 460-846571/7	200.0	703.005201	50.0	227439.0	3.515026	Y
6	STD500 460-846571/8	500.0	1637.221539	50.0	238409.0	3.274443	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

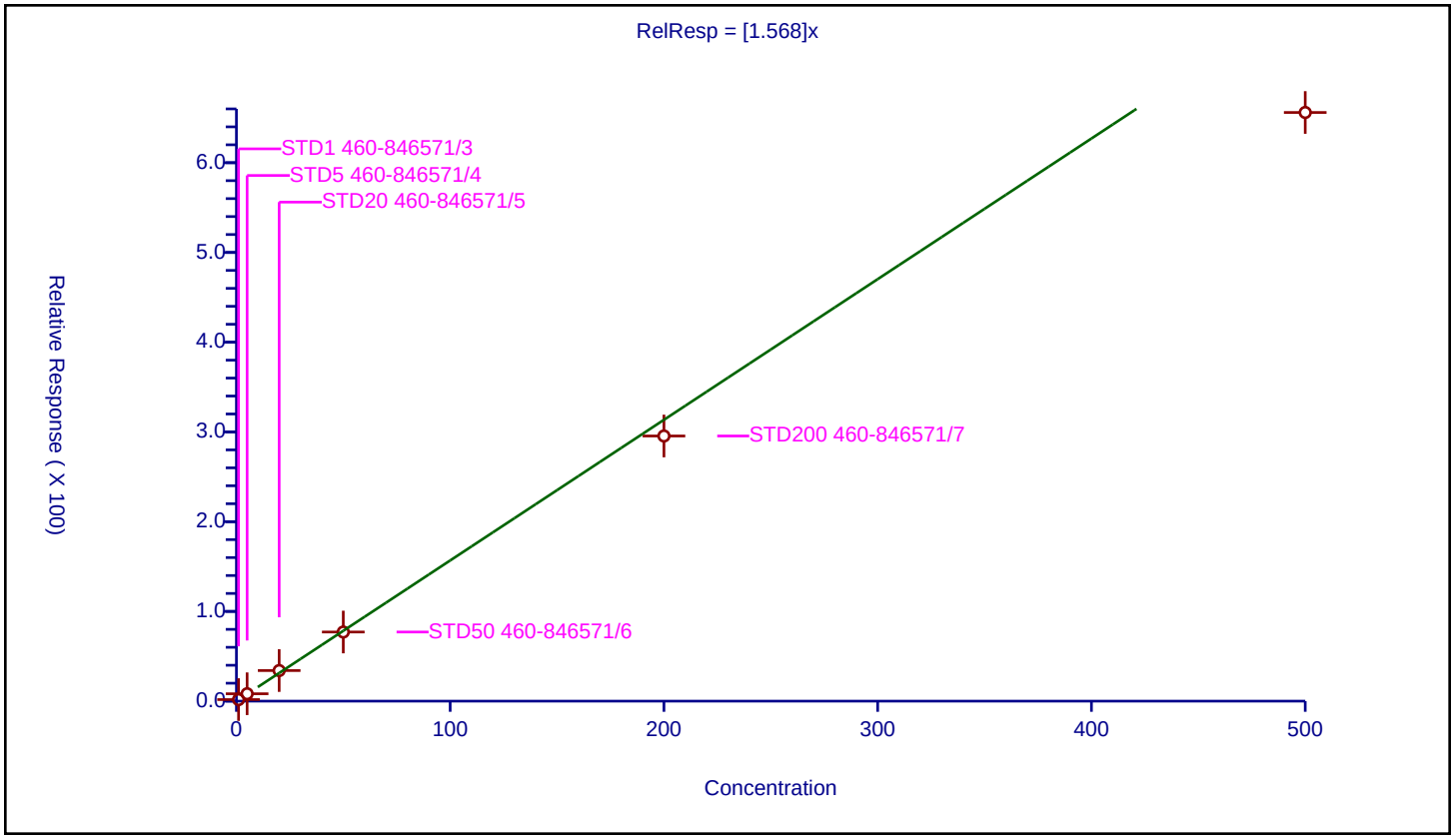
Curve Coefficients

Intercept:	0
Slope:	1.568

Error Coefficients

Standard Error:	1530000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-846571/3	1.0	1.725403	50.0	219485.0	1.725403	Y
2	STD5 460-846571/4	5.0	8.222685	50.0	228502.0	1.644537	Y
3	STD20 460-846571/5	20.0	34.099866	50.0	214907.0	1.704993	Y
4	STD50 460-846571/6	50.0	77.034789	50.0	220588.0	1.540696	Y
5	STD200 460-846571/7	200.0	295.479008	50.0	227439.0	1.477395	Y
6	STD500 460-846571/8	500.0	656.003758	50.0	238409.0	1.312008	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-845196/16 Calibration Date: 05/18/2022 17:13

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B87433.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0118	0.0155		26.2	20.0	31.2*	30.0
1,1-Difluoroethane	Ave	0.3653	0.4452		24.4	20.0	21.9	30.0
Chlorodifluoromethane	Ave	0.0391	0.0451		23.1	20.0	15.4	30.0
Dichlorodifluoromethane	Ave	0.2978	0.3140	0.1000	21.1	20.0	5.5	30.0
Chloromethane	Ave	0.3378	0.3708	0.1000	22.0	20.0	9.8	30.0
Butadiene	Ave	0.2357	0.2384		20.2	20.0	1.1	30.0
Vinyl chloride	Ave	0.2552	0.3042	0.1000	23.8	20.0	19.2	30.0
Bromomethane	Ave	0.1901	0.2238	0.1000	23.5	20.0	17.7	30.0
Chloroethane	Ave	0.1381	0.1571	0.1000	22.7	20.0	13.7	30.0
Dichlorofluoromethane	Ave	0.3640	0.3944		21.7	20.0	8.4	30.0
Pentane	Ave	0.0325	0.0394		48.6	40.0	21.4	30.0
Trichlorofluoromethane	Ave	0.2989	0.3337	0.1000	22.3	20.0	11.7	30.0
Ethanol	Ave	0.0218	0.0176		645	800	-19.4	30.0
Ethyl ether	Ave	0.1241	0.1425		23.0	20.0	14.8	30.0
2-Methyl-1,3-butadiene	Ave	0.1581	0.1802		22.8	20.0	14.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1892	0.2049		21.7	20.0	8.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.2787	0.3187		22.9	20.0	14.4	30.0
Acrolein	Ave	0.6810	0.8902		393	300	30.7*	30.0
1,1-Dichloroethene	Ave	0.1856	0.2108	0.1000	22.7	20.0	13.6	30.0
Acetone	Ave	0.4921	0.4527	0.0500	92.0	100	-8.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2130	0.2490	0.1000	23.4	20.0	16.9	30.0
Iodomethane	Ave	0.3643	0.4248		23.3	20.0	16.6	30.0
Carbon disulfide	Ave	0.6770	0.8083	0.1000	23.9	20.0	19.4	30.0
Isopropyl alcohol	Ave	0.5404	0.5333		197	200	-1.3	30.0
3-Chloro-1-propene	Ave	0.2057	0.2384		23.2	20.0	15.9	30.0
Methyl acetate	Ave	0.1097	0.1436	0.1000	52.3	40.0	30.9*	30.0
Acetonitrile	Ave	0.4589	0.4333		189	200	-5.6	30.0
Methylene Chloride	Ave	0.2259	0.2371	0.1000	21.0	20.0	5.0	30.0
2-Methyl-2-propanol	Ave	0.9620	0.9010		187	200	-6.3	30.0
Acrylonitrile	Ave	2.399	2.137		178	200	-11.0	30.0
trans-1,2-Dichloroethene	Ave	0.2125	0.2281	0.1000	21.5	20.0	7.3	30.0
Methyl tert-butyl ether	Ave	0.4970	0.5575	0.1000	22.4	20.0	12.2	30.0
Hexane	Ave	0.2674	0.3085		23.1	20.0	15.4	30.0
1,1-Dichloroethane	Ave	0.3397	0.4136	0.2000	24.4	20.0	21.8	30.0
2-Chloro-1,3-butadiene	Ave	0.1863	0.2212		23.7	20.0	18.7	30.0
Vinyl acetate	Ave	0.3500	0.3341		38.2	40.0	-4.5	30.0
Isopropyl ether	Ave	0.6604	0.7401		22.4	20.0	12.1	30.0
Tert-butyl ethyl ether	Ave	0.2454	0.2693		21.9	20.0	9.7	30.0
2,2-Dichloropropane	Ave	0.1058	0.1033		19.5	20.0	-2.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-845196/16 Calibration Date: 05/18/2022 17:13

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B87433.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2566	0.2724	0.1000	21.2	20.0	6.2	30.0
2-Butanone (MEK)	Ave	0.2545	0.2496	0.0500	98.1	100	-1.9	30.0
Propionitrile	Ave	0.2825	0.2696		191	200	-4.6	30.0
Ethyl acetate	Ave	0.2062	0.2144		41.6	40.0	4.0	30.0
Methyl acrylate	Ave	0.2000	0.2545		25.4	20.0	27.2	30.0
Chlorobromomethane	Ave	0.1231	0.1337		21.7	20.0	8.6	30.0
Methacrylonitrile	Ave	0.0745	0.0913		245	200	22.5	30.0
Tetrahydrofuran	Ave	0.2746	0.2847		41.5	40.0	3.7	30.0
Chloroform	Ave	0.3624	0.3855	0.2000	21.3	20.0	6.4	30.0
1,1,1-Trichloroethane	Ave	0.3099	0.3394	0.1000	21.9	20.0	9.5	30.0
Cyclohexane	Ave	0.3551	0.3852	0.1000	21.7	20.0	8.5	30.0
1,1-Dichloropropene	Ave	0.2745	0.2898		21.1	20.0	5.6	30.0
Carbon tetrachloride	Ave	0.2581	0.2907	0.1000	22.5	20.0	12.6	30.0
Benzene	Ave	1.242	1.320	0.5000	21.3	20.0	6.3	30.0
1,2-Dichloroethane	Ave	0.2330	0.2446	0.1000	21.0	20.0	5.0	30.0
Isobutyl alcohol	QuaF		0.1955		437	500	-12.5	30.0
Tert-amyl methyl ether	Ave	0.6640	0.7601		22.9	20.0	14.5	30.0
Isopropyl acetate	Ave	0.7265	0.7668		21.1	20.0	5.6	30.0
n-Heptane	Ave	0.3776	0.4072		21.6	20.0	7.8	30.0
Trichloroethene	Ave	0.2116	0.2172	0.2000	20.5	20.0	2.6	30.0
Methylcyclohexane	Ave	0.3992	0.4162	0.1000	20.9	20.0	4.3	30.0
Ethyl acrylate	Ave	0.5138	0.5836		22.7	20.0	13.6	30.0
n-Butanol	QuaF		0.0852		605	500	20.9	30.0
1,2-Dichloropropane	Ave	0.2123	0.2340	0.1000	22.0	20.0	10.2	30.0
Dibromomethane	Ave	0.1206	0.1257		20.8	20.0	4.2	30.0
1,4-Dioxane	Ave	1.032	1.224		475	400	18.7	30.0
Methyl methacrylate	Ave	0.0433	0.0524		48.4	40.0	21.1	30.0
Dichlorobromomethane	Ave	0.2476	0.2587	0.2000	20.9	20.0	4.4	30.0
n-Propyl acetate	Ave	0.2202	0.2848		25.9	20.0	29.3	30.0
2-Nitropropane	Ave	0.0416	0.0516		49.6	40.0	24.0	30.0
2-Chloroethyl vinyl ether	QuaF		0.0505		15.4	20.0	-23.1	30.0
Epichlorohydrin	Ave	0.1710	0.2267		26.5	20.0	32.6*	30.0
cis-1,3-Dichloropropene	Ave	0.4369	0.4165	0.2000	19.1	20.0	-4.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.787	1.819	0.0500	102	100	1.8	30.0
Toluene	Ave	1.257	1.315	0.4000	20.9	20.0	4.6	30.0
trans-1,3-Dichloropropene	Ave	0.3528	0.3438	0.1000	19.5	20.0	-2.5	30.0
1,1,2-Trichloroethane	Ave	0.2056	0.2239	0.1000	21.8	20.0	8.9	30.0
Ethyl methacrylate	Qua2		0.2239		21.7	20.0	8.5	30.0
Tetrachloroethene	Ave	0.3054	0.3149	0.2000	20.6	20.0	3.1	30.0
1,3-Dichloropropane	Ave	0.4008	0.4131		20.6	20.0	3.1	30.0
2-Hexanone	Qua2		1.193	0.0500	101	100	1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-845196/16 Calibration Date: 05/18/2022 17:13

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B87433.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.2533	0.2627	0.1000	20.7	20.0	3.7	30.0
Ethylene Dibromide	Ave	0.2353	0.2513	0.1000	21.4	20.0	6.8	30.0
n-Butyl acetate	Ave	0.3556	0.4167		23.4	20.0	17.2	30.0
Chlorobenzene	Ave	0.7946	0.8024	0.5000	20.2	20.0	1.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2753	0.2685		19.5	20.0	-2.5	30.0
Ethylbenzene	Ave	0.4292	0.4356	0.1000	20.3	20.0	1.5	30.0
m-Xylene & p-Xylene	Ave	0.5046	0.5137	0.1000	20.4	20.0	1.8	30.0
o-Xylene	Ave	0.4944	0.4888	0.3000	19.8	20.0	-1.1	30.0
Styrene	Qua2		0.7819	0.3000	19.8	20.0	-1.1	30.0
n-Butyl acrylate	Qua2		0.1785		21.8	20.0	8.8	30.0
Bromoform	Ave	0.1624	0.1739	0.1000	21.4	20.0	7.0	30.0
Amyl acetate (mixed isomers)	Qua2		0.8199		22.4	20.0	11.9	30.0
Isopropylbenzene	Ave	1.342	1.364	0.1000	20.3	20.0	1.6	30.0
Bromobenzene	Ave	0.6215	0.6108		19.7	20.0	-1.7	30.0
1,2,3-Trichloropropane	Ave	0.1529	0.1854		24.2	20.0	21.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6285	0.7044	0.3000	22.4	20.0	12.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1643	0.1700		20.7	20.0	3.5	30.0
N-Propylbenzene	Ave	0.6781	0.6647		19.6	20.0	-2.0	30.0
2-Chlorotoluene	Ave	0.6004	0.6023		20.1	20.0	0.3	30.0
4-Ethyltoluene	Ave	2.317	2.349		20.3	20.0	1.4	30.0
4-Chlorotoluene	Ave	2.033	2.009		19.8	20.0	-1.2	30.0
1,3,5-Trimethylbenzene	Ave	2.010	1.974		19.6	20.0	-1.8	30.0
Butyl Methacrylate	Qua2		0.5729		20.3	20.0	1.5	30.0
tert-Butylbenzene	Ave	1.643	1.679		20.4	20.0	2.2	30.0
1,2,4-Trimethylbenzene	Ave	2.097	2.032		19.4	20.0	-3.1	30.0
sec-Butylbenzene	Ave	2.766	2.852		20.6	20.0	3.1	30.0
1,3-Dichlorobenzene	Ave	1.227	1.144	0.6000	18.6	20.0	-6.8	30.0
1,4-Dichlorobenzene	Ave	1.271	1.138	0.5000	17.9	20.0	-10.4	30.0
4-Isopropyltoluene	Ave	2.324	2.269		19.5	20.0	-2.4	30.0
1,2,3-Trimethylbenzene	Ave	2.234	2.209		19.8	20.0	-1.1	30.0
Benzyl chloride	Ave	0.2218	0.1938		17.5	20.0	-12.6	30.0
Indan	Ave	0.7986	0.8078		20.2	20.0	1.1	30.0
1,2-Dichlorobenzene	Ave	1.182	1.137	0.4000	19.2	20.0	-3.8	30.0
p-Diethylbenzene	Ave	1.194	1.392		23.3	20.0	16.6	30.0
n-Butylbenzene	Lin2		1.320		18.2	20.0	-8.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1266	0.1342	0.0500	21.2	20.0	6.0	30.0
1,2,4,5-Tetramethylbenzene	Qua2		2.033		19.6	20.0	-1.9	30.0
1,3,5-Trichlorobenzene	Ave	0.997	0.9181		18.4	20.0	-8.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8931	0.7989	0.2000	17.9	20.0	-10.5	30.0
Hexachlorobutadiene	Ave	0.4392	0.4470		20.4	20.0	1.8	30.0
Naphthalene	Ave	2.310	2.223		19.3	20.0	-3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-845196/16 Calibration Date: 05/18/2022 17:13

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B87433.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8828	0.8061		18.3	20.0	-8.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2174	0.2230		51.3	50.0	2.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2082	0.2174		52.2	50.0	4.4	30.0
Toluene-d8 (Surr)	Ave	1.232	1.250		50.8	50.0	1.5	30.0
4-Bromofluorobenzene	Ave	0.6569	0.6560		49.9	50.0	-0.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 18-May-2022 17:13:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0145428-016
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-May-2022 18:29:41 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: delpolitov Date: 18-May-2022 18:22:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.575	0.581	-0.006	41	3279	20.0	26.2	a
2 1,1-Difluoroethane	51	0.642	0.642	0.000	91	94118	20.0	24.4	M
3 Dichlorodifluoromethane	85	0.648	0.642	0.006	69	66376	20.0	21.1	
4 Chlorodifluoromethane	67	0.648	0.648	0.000	96	9531	20.0	23.1	
5 Chloromethane	50	0.721	0.728	-0.007	99	78395	20.0	22.0	
7 Vinyl chloride	62	0.764	0.764	0.000	97	64315	20.0	23.8	
6 Butadiene	54	0.764	0.776	-0.012	78	50401	20.0	20.2	
8 Bromomethane	94	0.892	0.898	-0.006	99	47310	20.0	23.5	
9 Chloroethane	64	0.910	0.910	0.000	99	33201	20.0	22.7	
10 Dichlorofluoromethane	67	1.020	1.014	0.006	95	83382	20.0	21.7	a
12 Pentane	72	1.020	1.014	0.006	94	16662	40.0	48.6	
11 Trichlorofluoromethane	101	1.032	1.038	-0.006	98	70543	20.0	22.3	M
14 Ethanol	46	1.105	1.118	-0.013	40	4728	800.0	644.6	M
13 Ethyl ether	59	1.105	1.118	-0.013	70	30117	20.0	23.0	
15 2-Methyl-1,3-butadiene	53	1.124	1.124	0.000	93	38093	20.0	22.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.130	0.006	88	43324	20.0	21.7	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.160	1.173	-0.013	85	67378	20.0	22.9	a
18 Acrolein	56	1.172	1.179	-0.007	96	90028	300.4	392.7	
19 1,1-Dichloroethene	96	1.215	1.227	-0.012	95	44555	20.0	22.7	
21 Acetone	43	1.246	1.252	-0.006	87	55238	100.0	92.0	
20 112TCTFE	101	1.276	1.270	0.006	88	52631	20.0	23.4	a
22 Iodomethane	142	1.288	1.288	0.000	97	89798	20.0	23.3	
23 Carbon disulfide	76	1.319	1.325	-0.006	99	170865	20.0	23.9	
24 Isopropyl alcohol	45	1.349	1.362	-0.013	96	35908	200.0	197.4	
25 3-Chloro-1-propene	39	1.404	1.410	-0.006	93	50395	20.0	23.2	
26 Methyl acetate	43	1.422	1.429	-0.007	97	60709	40.0	52.3	
27 Acetonitrile	39	1.441	1.447	-0.006	22	29172	200.0	188.8	a
28 Methylene Chloride	84	1.465	1.471	-0.006	86	50129	20.0	21.0	
* 29 TBA-d9 (IS)	65	1.532	1.538	-0.006	0	336647	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.581	1.587	-0.006	91	60665	200.0	187.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.611	1.618	-0.007	96	143852	200.0	178.1	
32 trans-1,2-Dichloroethene	96	1.624	1.630	-0.006	95	48211	20.0	21.5	
33 Methyl tert-butyl ether	73	1.648	1.648	0.000	96	117855	20.0	22.4	
34 Hexane	57	1.800	1.800	0.000	92	65223	20.0	23.1	
35 1,1-Dichloroethane	63	1.880	1.886	-0.006	99	87443	20.0	24.4	
36 Vinyl acetate	86	1.941	1.935	0.006	100	16304	40.0	38.2	
37 2-Chloro-1,3-butadiene	88	1.941	1.947	-0.006	67	46759	20.0	23.7	
38 Isopropyl ether	45	1.965	1.977	-0.012	91	156444	20.0	22.4	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	91	56922	20.0	21.9	
* 40 2-Butanone-d5	46	2.276	2.276	0.000	0	305032	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.294	2.294	0.000	97	57591	20.0	21.2	
42 2,2-Dichloropropane	79	2.288	2.300	-0.012	64	21832	20.0	19.5	
43 2-Butanone (MEK)	72	2.318	2.325	-0.007	97	30452	100.0	98.1	
44 Propionitrile	54	2.361	2.374	-0.013	98	65781	200.0	190.8	
45 Ethyl acetate	70	2.392	2.404	-0.012	99	10463	40.0	41.6	
62 Methyl acrylate	55	2.404	2.410	-0.006	67	53799	20.0	25.4	
46 Chlorobromomethane	128	2.477	2.477	0.000	51	28264	20.0	21.7	
47 Methacrylonitrile	67	2.477	2.483	-0.006	90	192923	200.0	245.0	
48 Tetrahydrofuran	72	2.532	2.520	0.012	69	13897	40.0	41.5	M
49 Chloroform	83	2.556	2.563	-0.007	99	81499	20.0	21.3	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.691	-0.001	98	117827	50.0	51.3	
51 1,1,1-Trichloroethane	97	2.696	2.703	-0.007	69	71753	20.0	21.9	
52 Cyclohexane	84	2.739	2.752	-0.013	90	81438	20.0	21.7	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	96	61256	20.0	21.1	
53 Carbon tetrachloride	117	2.843	2.843	0.000	92	61461	20.0	22.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.977	-0.006	0	114881	50.0	52.2	
56 Benzene	78	3.013	3.020	-0.007	95	197953	20.0	21.3	
57 1,2-Dichloroethane	62	3.044	3.050	-0.006	96	51712	20.0	21.0	
58 Isobutyl alcohol	42	3.135	3.129	0.006	34	32915	500.0	437.3	Ma
59 Tert-amyl methyl ether	73	3.184	3.184	0.000	92	160679	20.0	22.9	
73 Isopropyl acetate	43	3.202	3.203	-0.001	93	162107	20.0	21.1	
* 60 Fluorobenzene	96	3.306	3.312	-0.006	99	528489	50.0	50.0	
61 n-Heptane	43	3.361	3.367	-0.006	93	86090	20.0	21.6	
63 Trichloroethene	95	3.708	3.709	-0.001	97	45919	20.0	20.5	
65 Methylcyclohexane	83	3.910	3.910	0.000	95	87987	20.0	20.9	
64 n-Butanol	43	3.916	3.910	0.006	46	14340	500.0	604.6	
66 Ethyl acrylate	55	3.916	3.928	-0.012	95	123361	20.0	22.7	
67 1,2-Dichloropropane	63	3.940	3.940	0.000	93	49460	20.0	22.0	
68 Dibromomethane	93	4.074	4.081	-0.007	95	26563	20.0	20.8	
* 69 1,4-Dioxane-d8	96	4.111	4.105	0.006	0	23288	1000.0	1000.0	
70 1,4-Dioxane	88	4.190	4.172	0.018	28	11405	400.0	474.7	Ma
71 Methyl methacrylate	100	4.208	4.215	-0.007	98	22141	40.0	48.4	
72 Dichlorobromomethane	83	4.318	4.318	0.000	100	54679	20.0	20.9	
81 n-Propyl acetate	43	4.324	4.330	-0.006	98	60203	20.0	25.9	
74 2-Nitropropane	41	4.629	4.629	0.000	97	21808	40.0	49.6	
75 2-Chloroethyl vinyl ether	63	4.800	4.812	-0.012	97	10668	20.0	15.4	
76 Epichlorohydrin	57	4.824	4.830	-0.006	39	5532	20.0	26.5	M
77 cis-1,3-Dichloropropene	75	4.928	4.928	0.000	93	62448	20.0	19.1	
78 4-Methyl-2-pentanone (MIBK)	43	5.226	5.227	-0.001	96	221912	100.0	101.8	a
$ 79 Toluene-d8 (Surr)	98	5.275	5.275	0.000	98	468665	50.0	50.8	
80 Toluene	91	5.367	5.373	-0.006	94	197146	20.0	20.9	
82 trans-1,3-Dichloropropene	75	5.787	5.800	-0.013	98	51543	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.049	6.050	-0.001	97	33574	20.0	21.8	
84 Ethyl methacrylate	69	6.074	6.068	0.006	72	47327	20.0	21.7	a
85 Tetrachloroethene	166	6.196	6.202	-0.006	96	47215	20.0	20.6	
86 1,3-Dichloropropane	76	6.293	6.294	-0.001	94	61941	20.0	20.6	
87 2-Hexanone	43	6.580	6.580	0.000	97	145560	100.0	101.1	
88 Chlorodibromomethane	129	6.641	6.647	-0.006	97	39393	20.0	20.7	
89 Ethylene Dibromide	107	6.751	6.751	0.000	97	37683	20.0	21.4	
90 n-Butyl acetate	43	6.921	6.921	0.000	99	62485	20.0	23.4	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	85	374840	50.0	50.0	
92 Chlorobenzene	112	7.683	7.683	0.000	95	120316	20.0	20.2	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.897	0.006	97	40264	20.0	19.5	
94 Ethylbenzene	106	7.982	7.982	0.000	98	65306	20.0	20.3	
95 m-Xylene & p-Xylene	106	8.226	8.232	-0.006	99	77027	20.0	20.4	
96 o-Xylene	106	8.964	8.964	0.000	94	73293	20.0	19.8	
97 Styrene	104	9.006	9.012	-0.006	97	117236	20.0	19.8	
98 n-Butyl acrylate	73	9.201	9.208	-0.007	97	26767	20.0	21.8	
99 Bromoform	173	9.250	9.256	-0.006	96	26072	20.0	21.4	
101 Amyl acetate (mixed isomers)	43	9.689	9.695	-0.006	91	67292	20.0	22.4	
102 Isopropylbenzene	105	9.713	9.714	-0.001	95	204471	20.0	20.3	
$ 103 4-Bromofluorobenzene	174	9.921	9.921	0.000	89	134588	50.0	49.9	
104 Bromobenzene	156	10.091	10.098	-0.007	97	50132	20.0	19.7	
105 1,2,3-Trichloropropane	110	10.323	10.323	0.000	97	15212	20.0	24.2	
106 1,1,2,2-Tetrachloroethane	83	10.341	10.341	0.000	99	57806	20.0	22.4	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.439	0.006	87	13955	20.0	20.7	
108 N-Propylbenzene	120	10.463	10.470	-0.007	99	54555	20.0	19.6	
109 2-Chlorotoluene	126	10.506	10.506	0.000	96	49429	20.0	20.1	a
110 4-Ethyltoluene	105	10.689	10.689	0.000	98	192816	20.0	20.3	
111 4-Chlorotoluene	91	10.719	10.719	0.000	98	164876	20.0	19.8	
112 1,3,5-Trimethylbenzene	105	10.823	10.829	-0.006	94	161986	20.0	19.6	
100 Butyl Methacrylate	87	11.201	11.207	-0.006	99	47015	20.0	20.3	
113 tert-Butylbenzene	119	11.353	11.353	0.000	95	137796	20.0	20.4	
114 1,2,4-Trimethylbenzene	105	11.439	11.439	0.000	97	166780	20.0	19.4	
115 sec-Butylbenzene	105	11.743	11.744	-0.001	99	234022	20.0	20.6	
116 1,3-Dichlorobenzene	146	11.804	11.805	-0.001	97	93885	20.0	18.6	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	95	205174	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.993	11.994	-0.001	97	93432	20.0	17.9	
119 4-Isopropyltoluene	119	12.073	12.073	0.000	98	186178	20.0	19.5	
120 1,2,3-Trimethylbenzene	105	12.170	12.170	0.000	98	181332	20.0	19.8	
121 Benzyl chloride	126	12.329	12.323	0.006	99	15903	20.0	17.5	
122 2,3-Dihydroindene	117	12.499	12.500	-0.001	94	170758	20.0	20.2	a
123 1,2-Dichlorobenzene	146	12.688	12.689	-0.001	97	93290	20.0	19.2	
124 p-Diethylbenzene	119	12.823	12.823	0.000	92	114222	20.0	23.3	
125 n-Butylbenzene	92	12.847	12.847	0.000	97	108334	20.0	18.2	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	95	11013	20.0	21.2	
127 1,2,4,5-Tetramethylbenzene	119	13.639	13.640	-0.001	97	166877	20.0	19.6	
128 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	75349	20.0	18.4	
129 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	65566	20.0	17.9	
130 Hexachlorobutadiene	225	14.383	14.383	0.000	91	36689	20.0	20.4	
131 Naphthalene	128	14.389	14.383	0.006	100	182460	20.0	19.3	
132 1,2,3-Trichlorobenzene	180	14.548	14.548	0.000	96	66157	20.0	18.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	40.1	
S 136 Total BTEX	1				0		100.0	102.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00137	Amount Added:	3.00	Units: uL	
8260 SP_00154	Amount Added:	2.00	Units: uL	
GAS C SP_00462	Amount Added:	2.00	Units: uL	
8FreonsSS_00045	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00227	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-May-2022 18:30:03 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D

Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2 Operator ID:

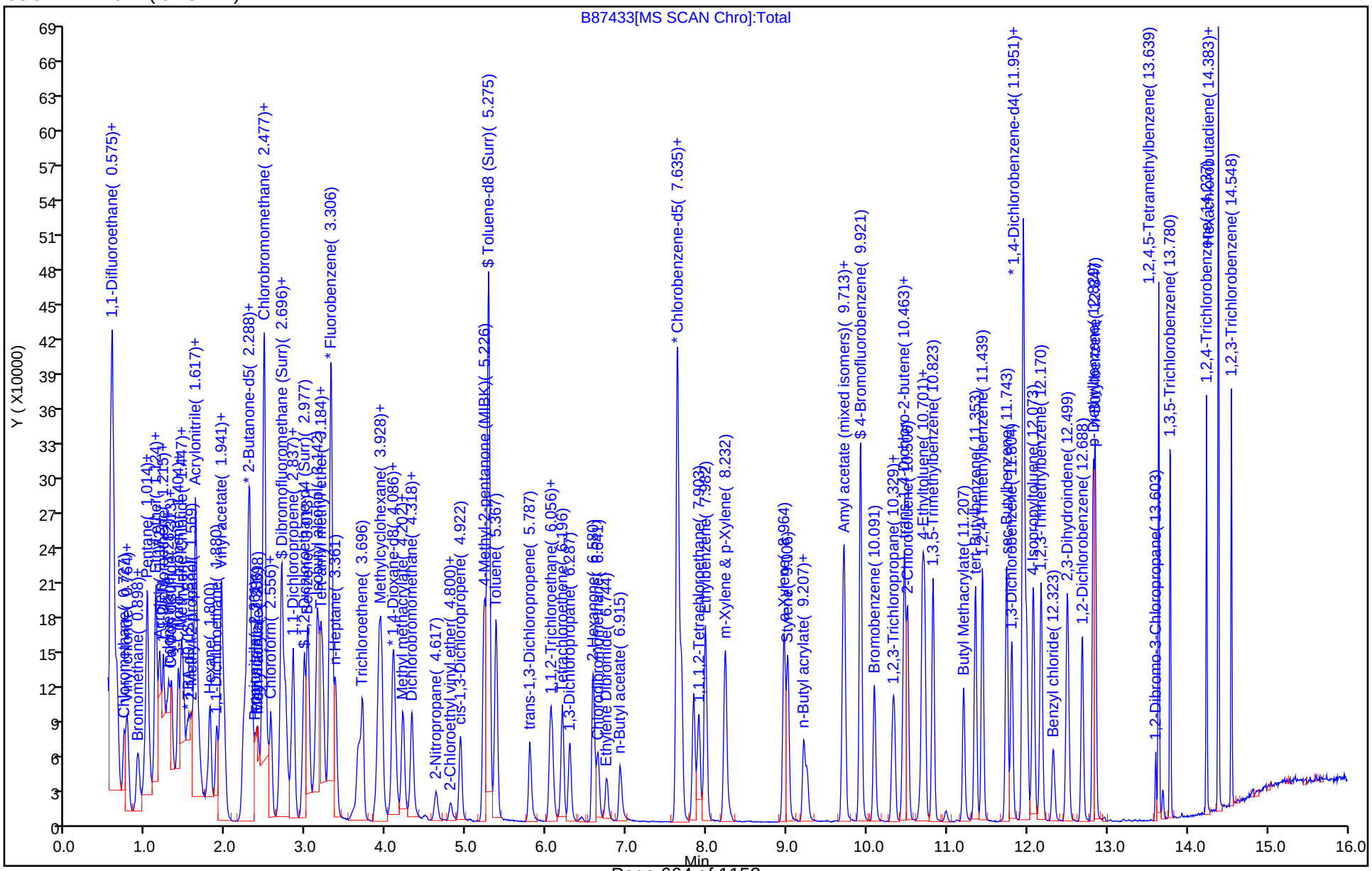
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

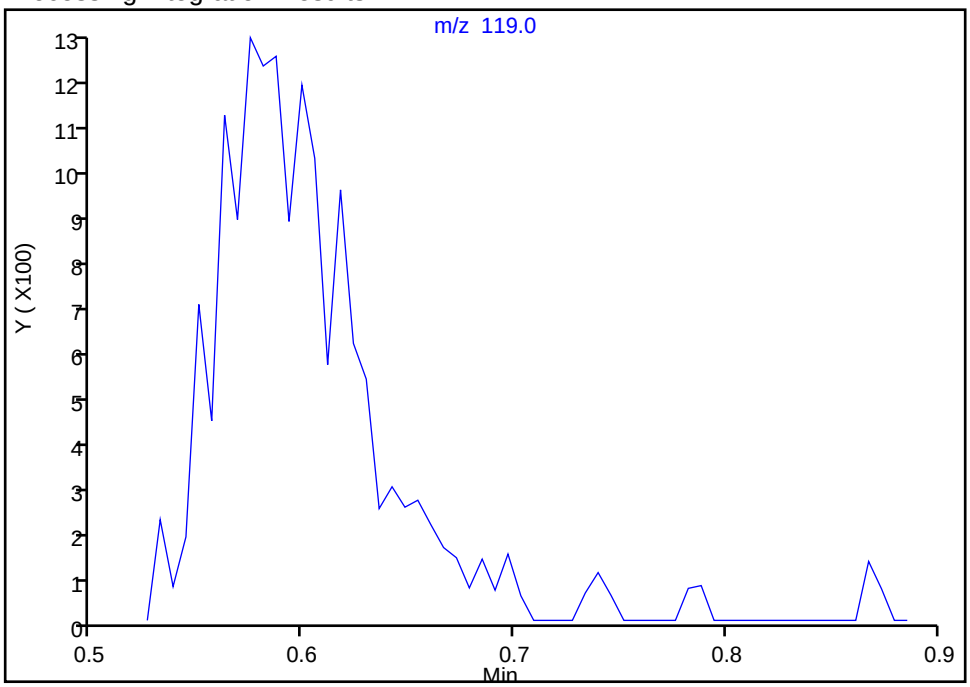
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Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

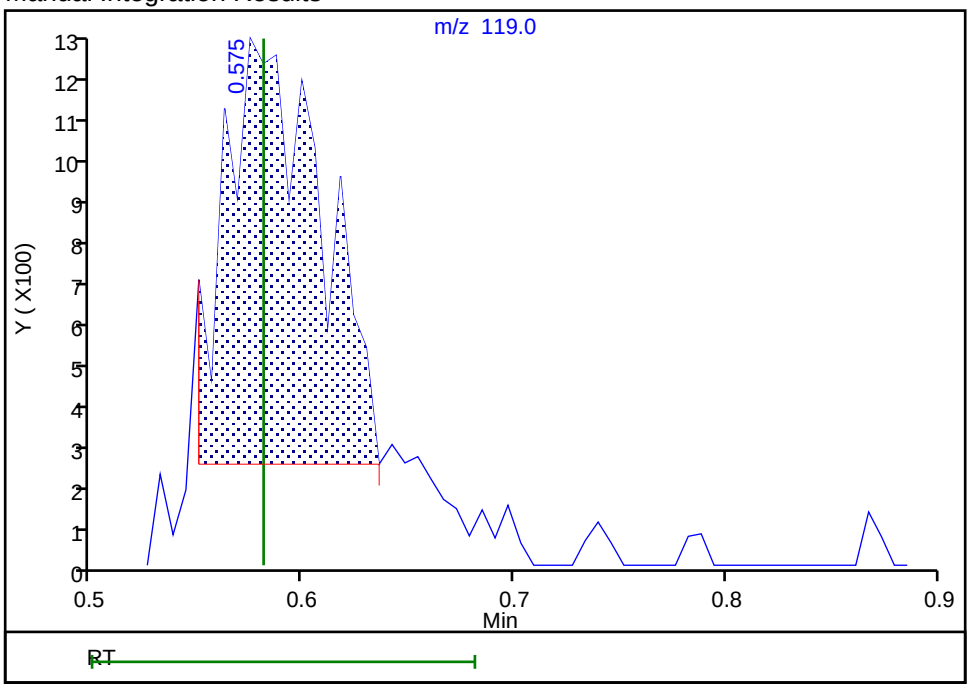
Not Detected
Expected RT: 0.58

Processing Integration Results



Manual Integration Results

RT: 0.57
Area: 3279
Amount: 26.244241
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:16:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

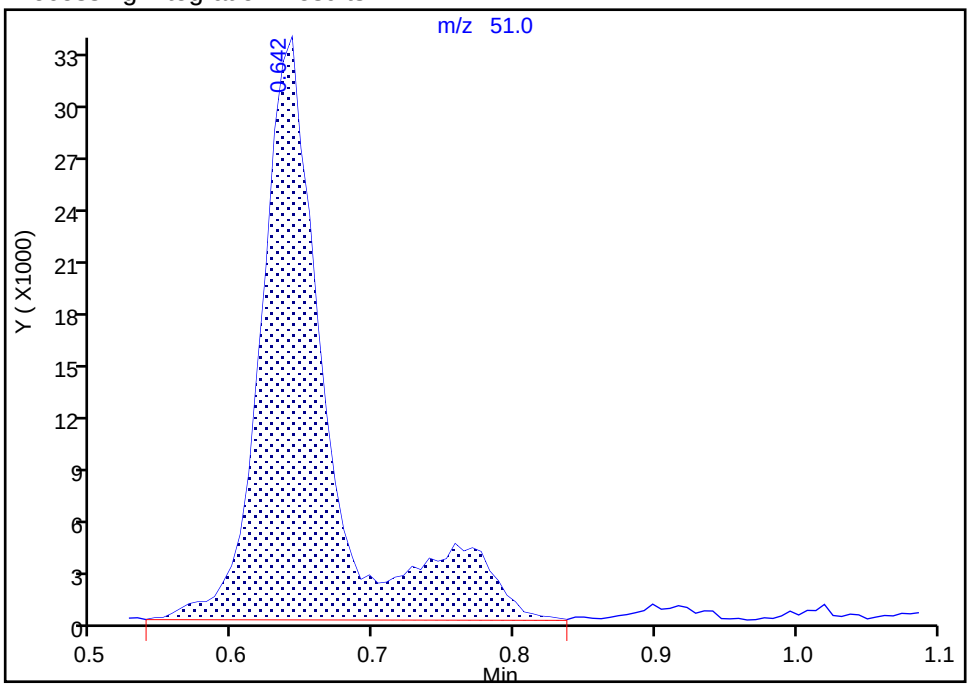
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

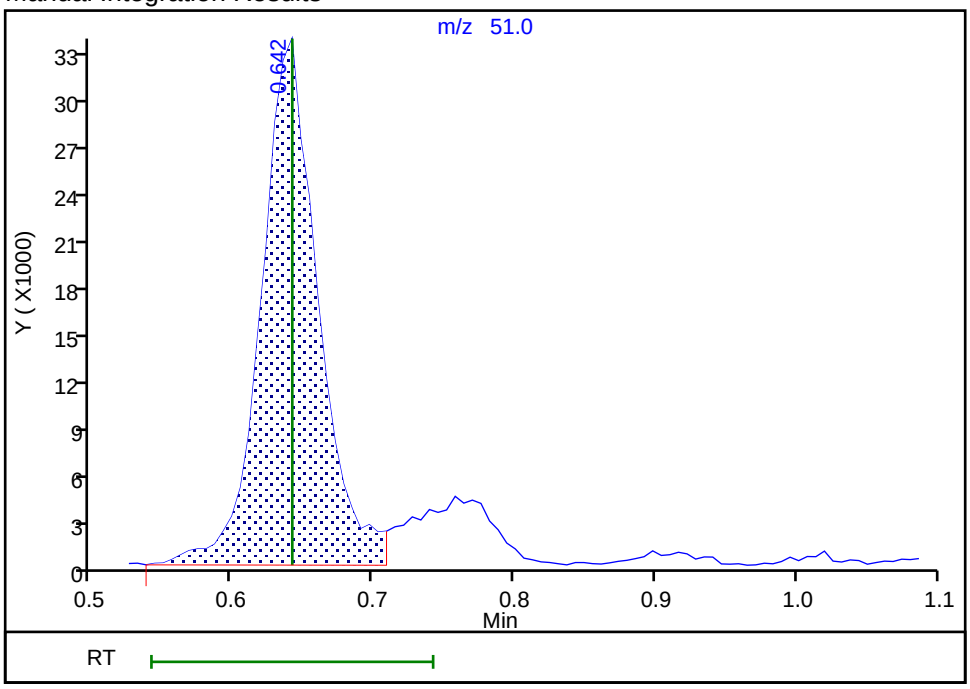
Processing Integration Results

RT: 0.64
Area: 111208
Amount: 28.798487
Amount Units: ug/l



Manual Integration Results

RT: 0.64
Area: 94118
Amount: 24.372851
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:16:44
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

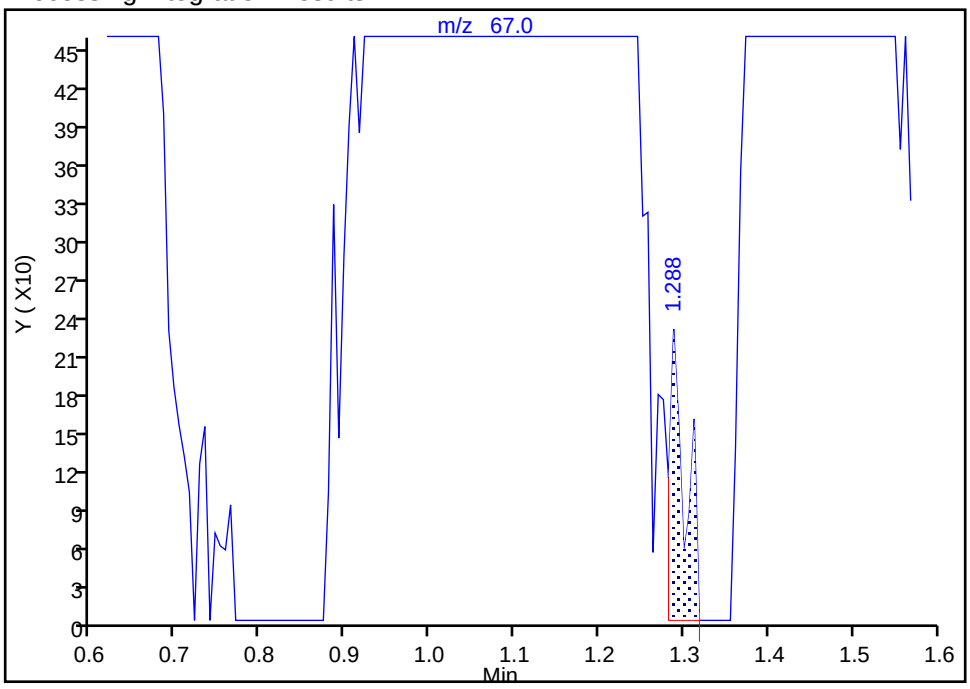
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Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

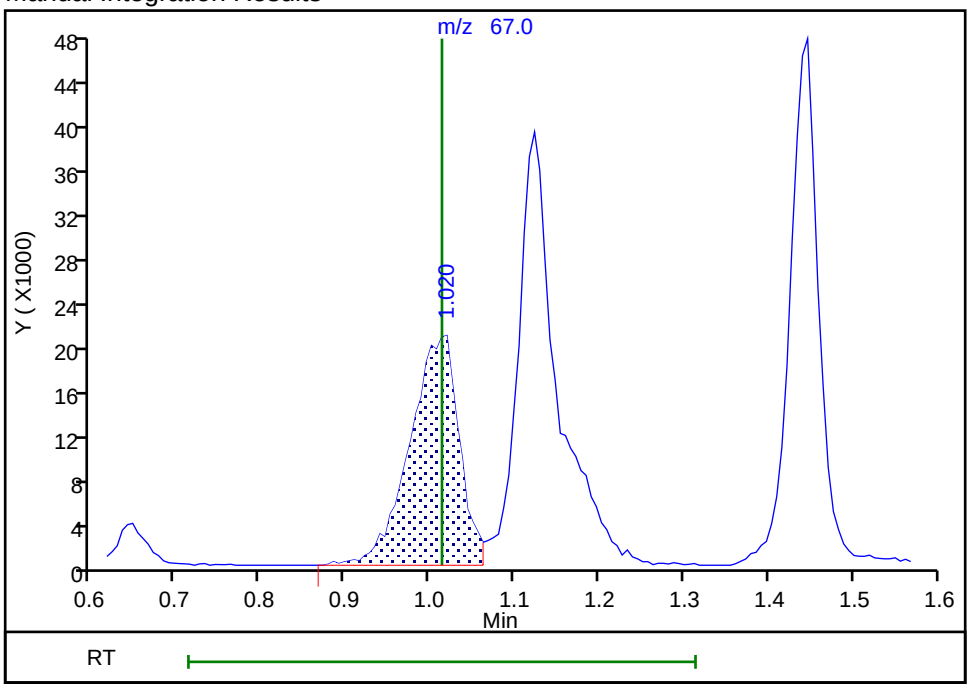
Processing Integration Results

RT: 1.29
Area: 287
Amount: 0.074588
Amount Units: ug/l



Manual Integration Results

RT: 1.02
Area: 83382
Amount: 21.670089
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:17:02
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

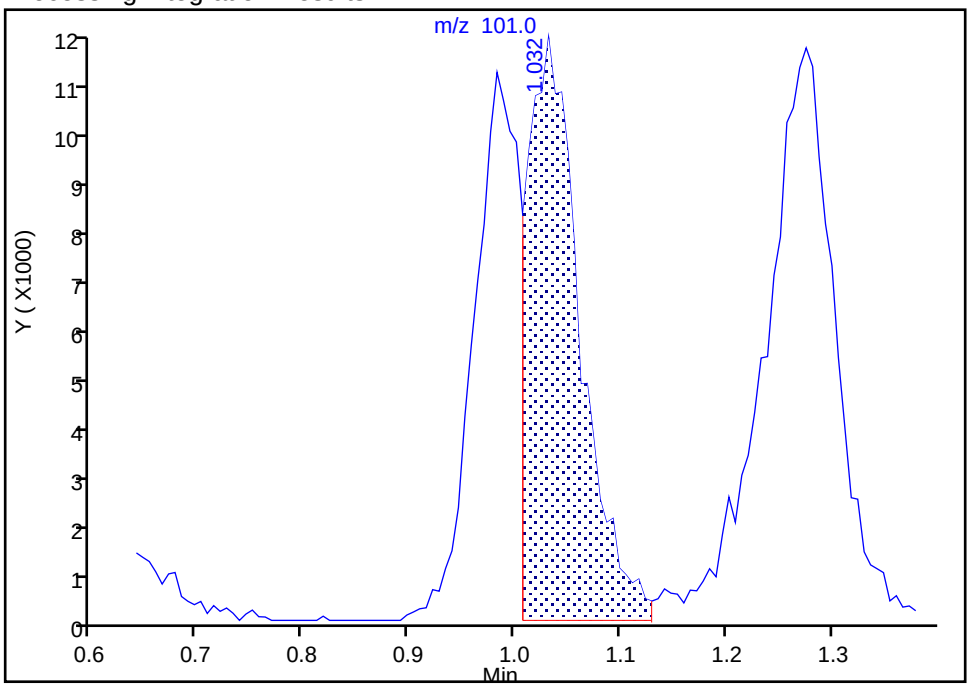
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

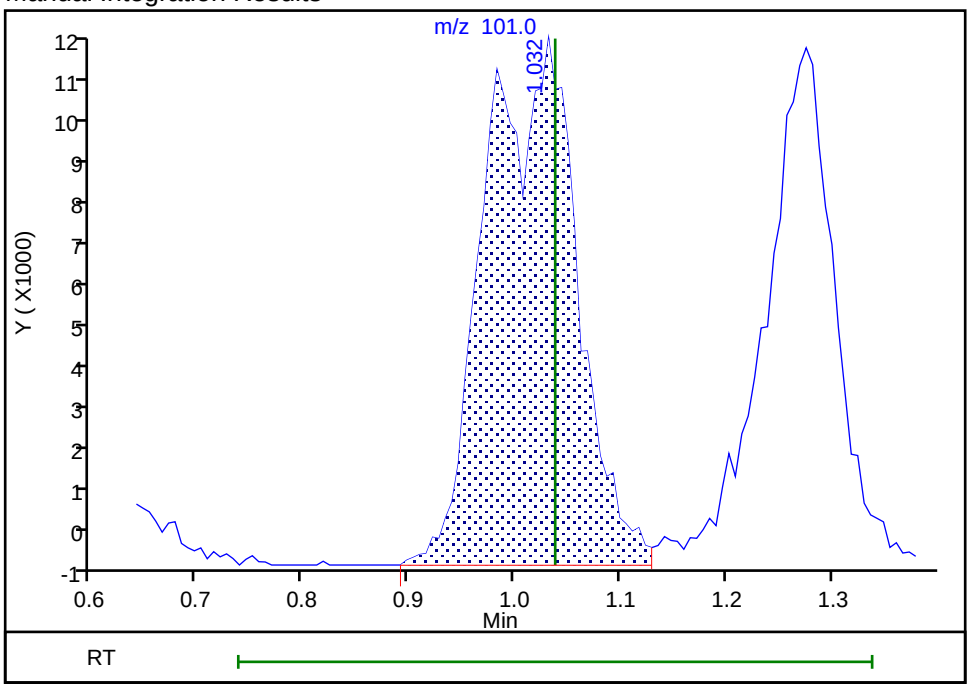
Processing Integration Results

RT: 1.03
Area: 40810
Amount: 12.918940
Amount Units: ug/l



Manual Integration Results

RT: 1.03
Area: 70543
Amount: 22.331311
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:17:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

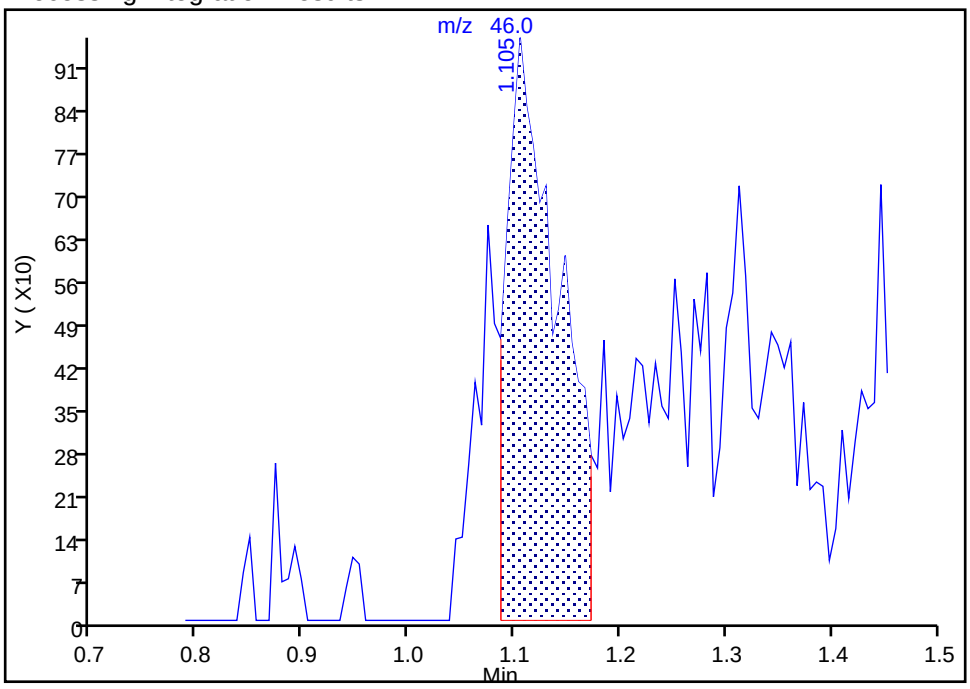
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Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

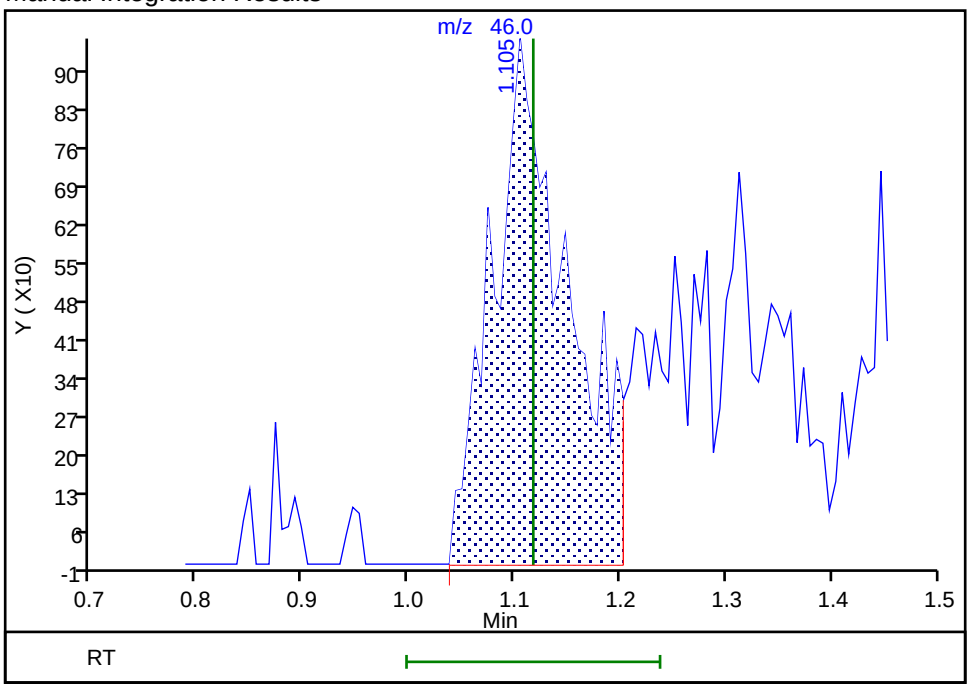
Processing Integration Results

RT: 1.11
Area: 3265
Amount: 445.1352
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 4728
Amount: 644.5940
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:17:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

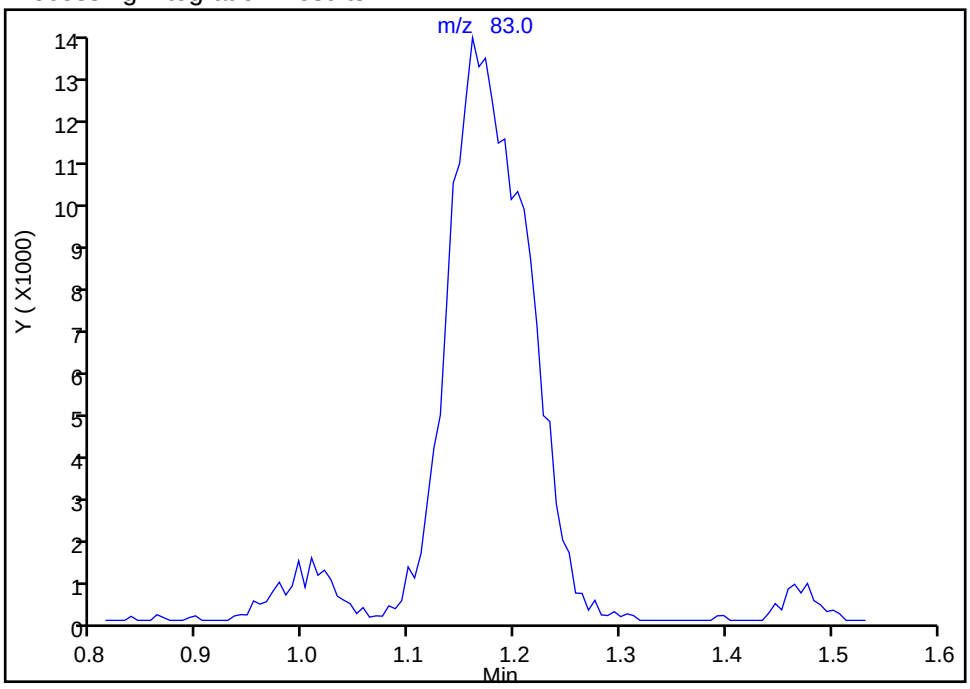
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

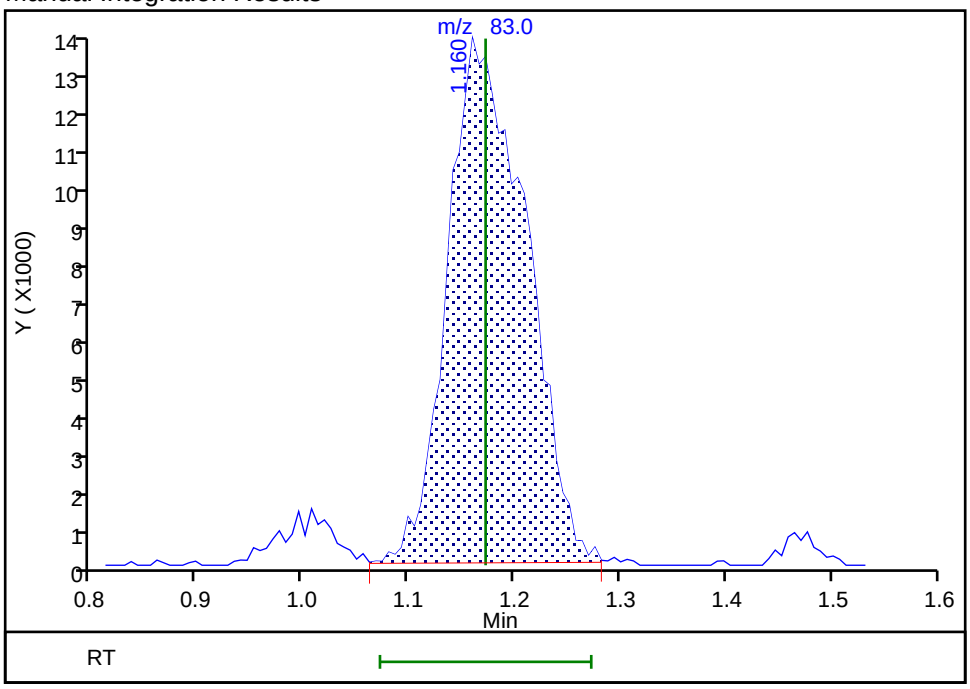
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.16
Area: 67378
Amount: 22.874306
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:17:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

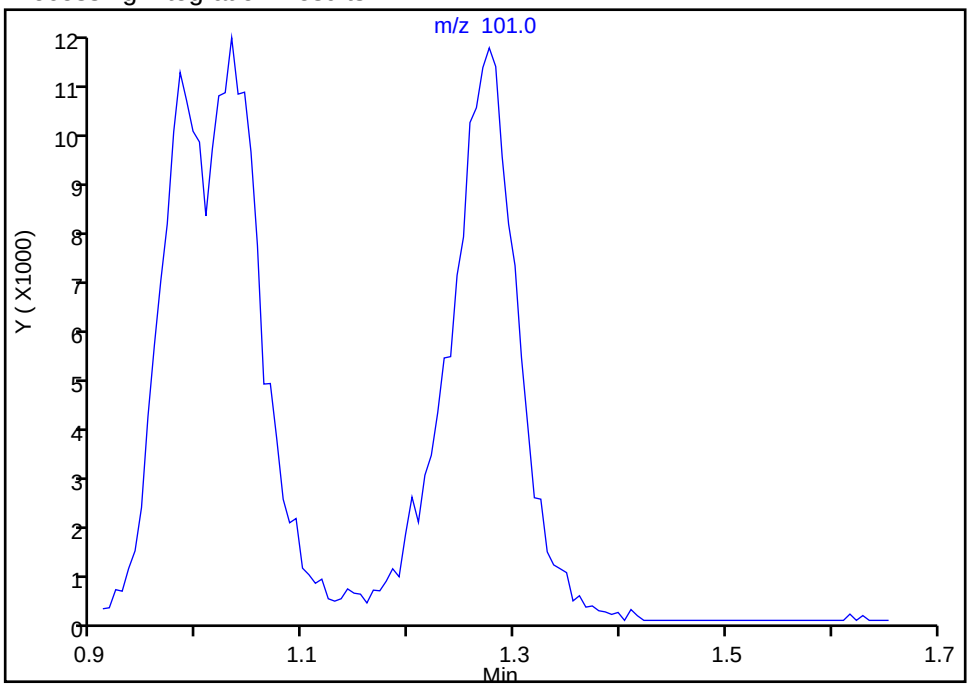
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Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

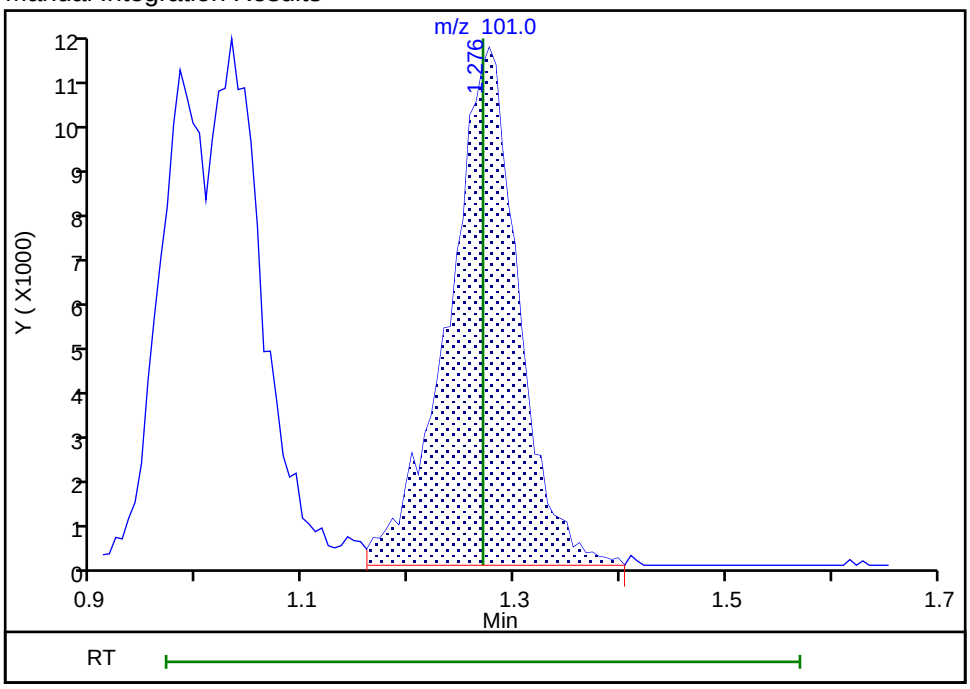
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 52631
Amount: 23.373095
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:17:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

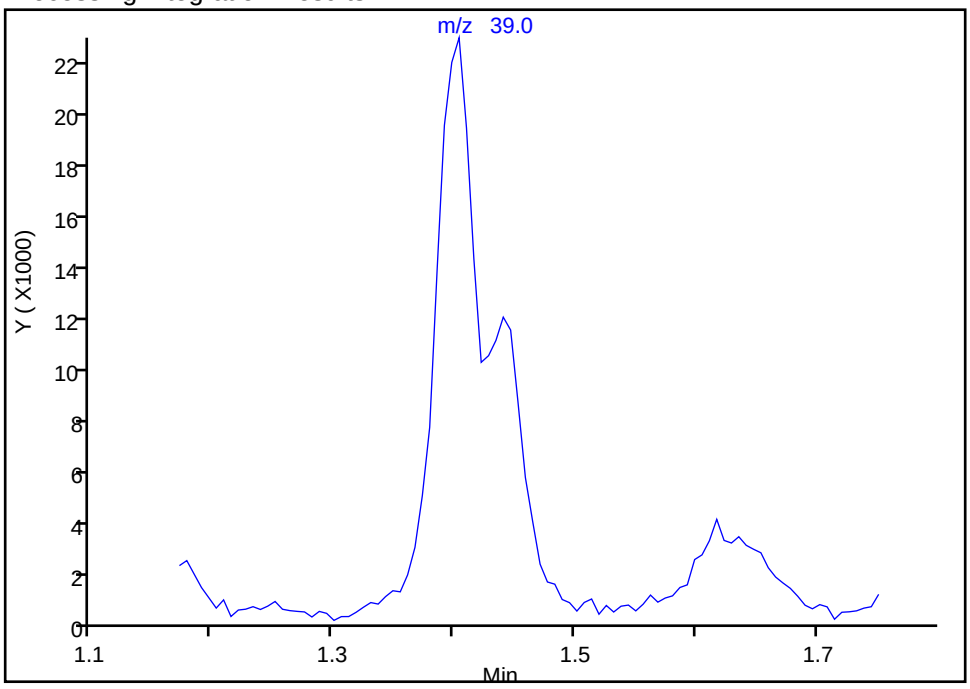
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Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

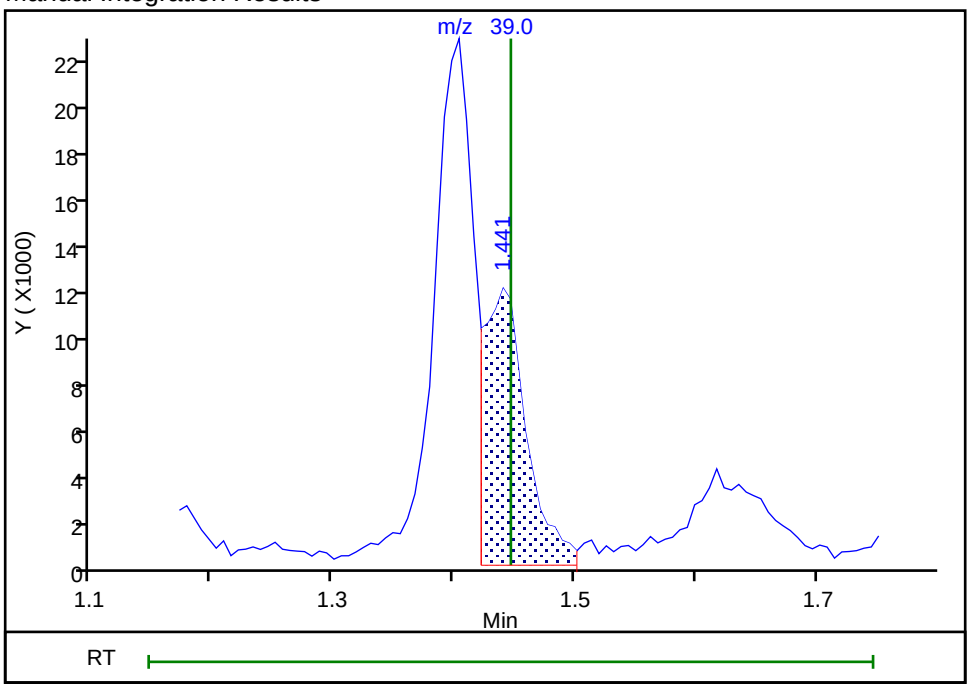
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.44
Area: 29172
Amount: 188.8130
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:18:08
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

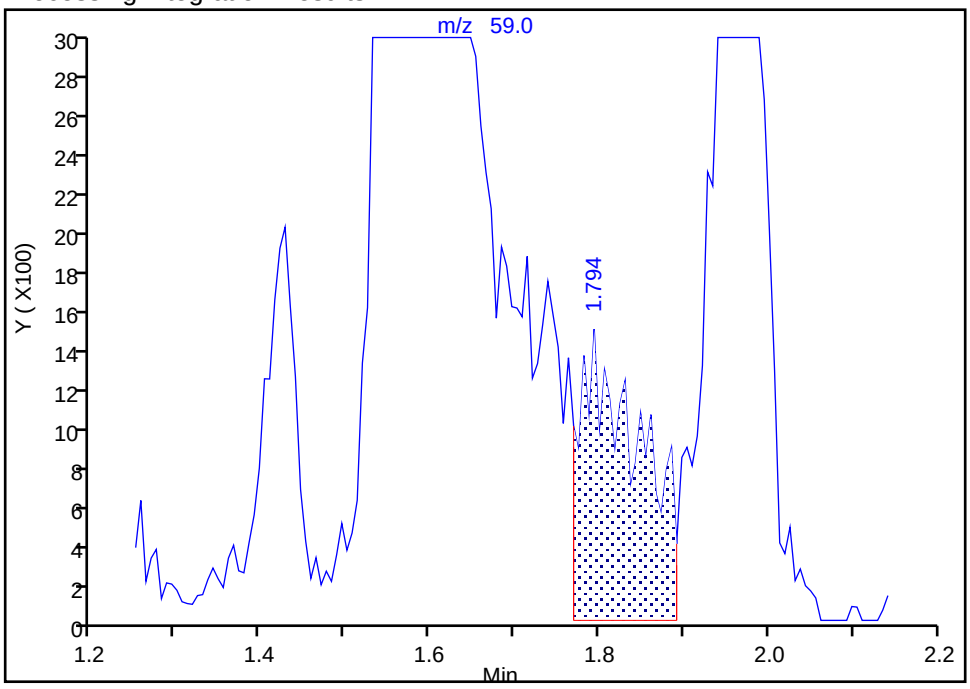
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Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

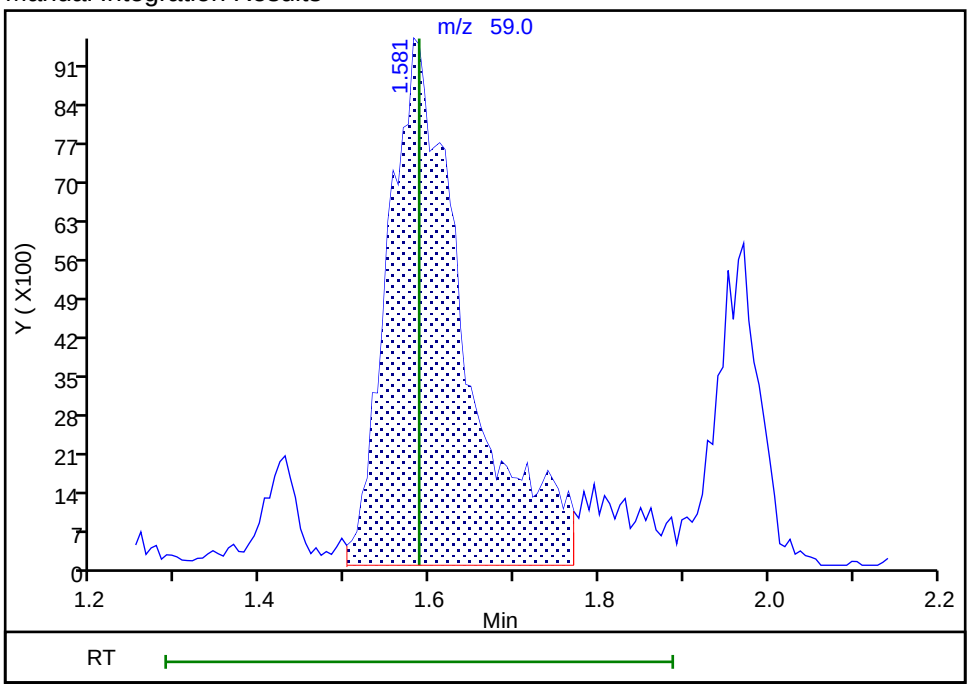
Processing Integration Results

RT: 1.79
Area: 7180
Amount: 22.170524
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 60665
Amount: 187.3224
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:18:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

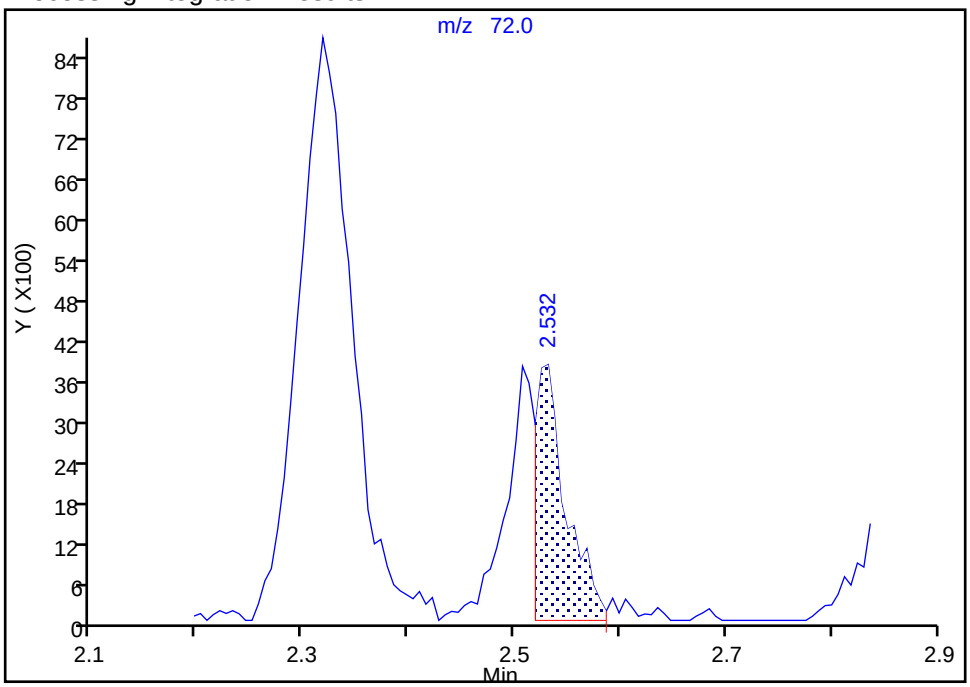
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

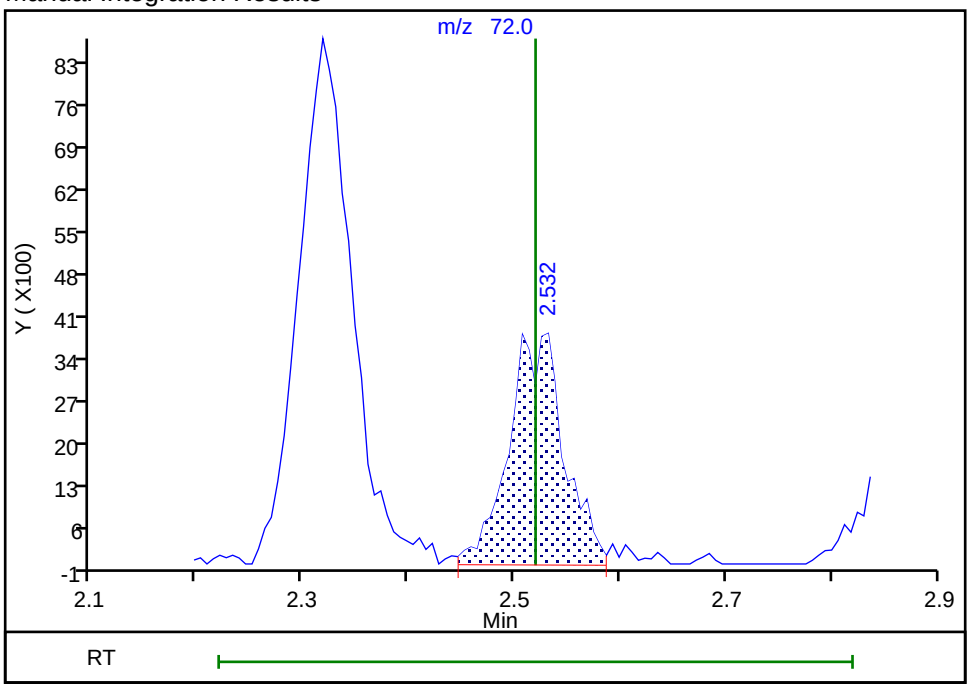
Processing Integration Results

RT: 2.53
Area: 7653
Amount: 22.842482
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 13897
Amount: 41.479417
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:18:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

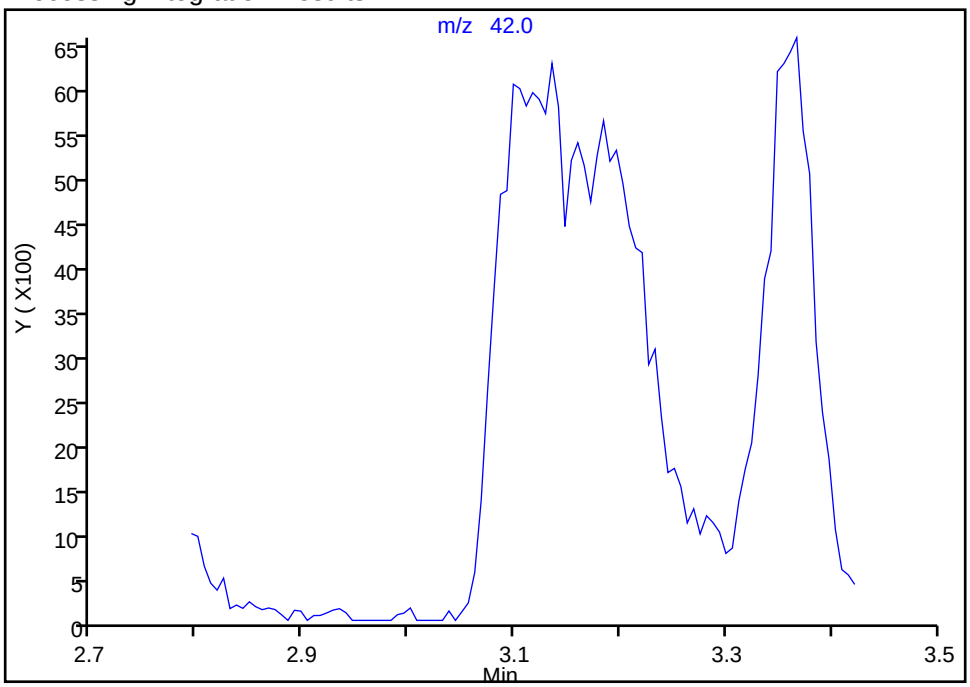
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

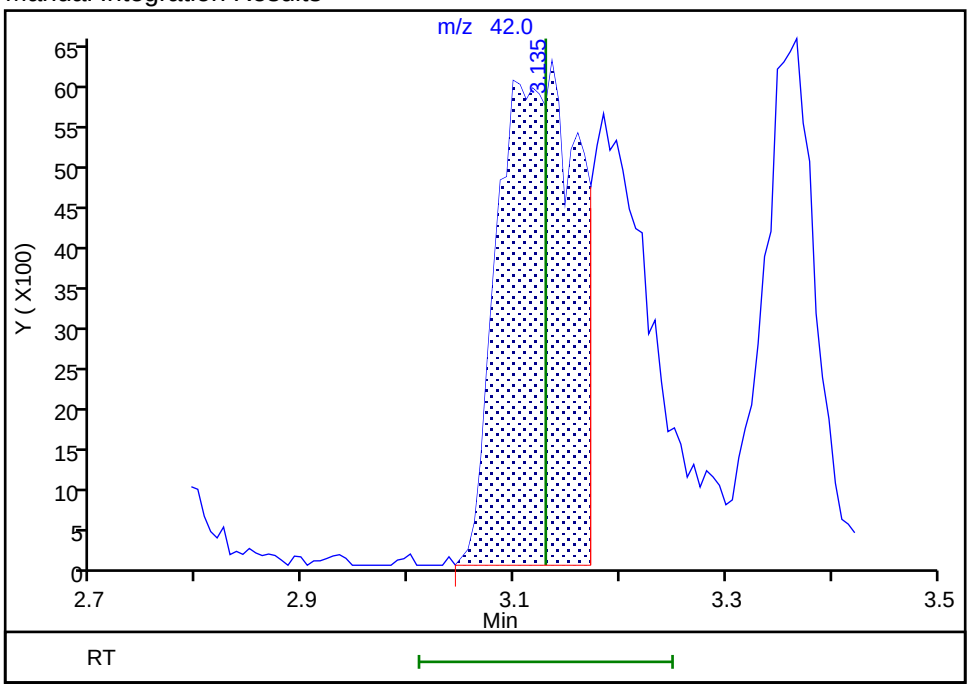
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.14
Area: 32915
Amount: 437.2853
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:19:00
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

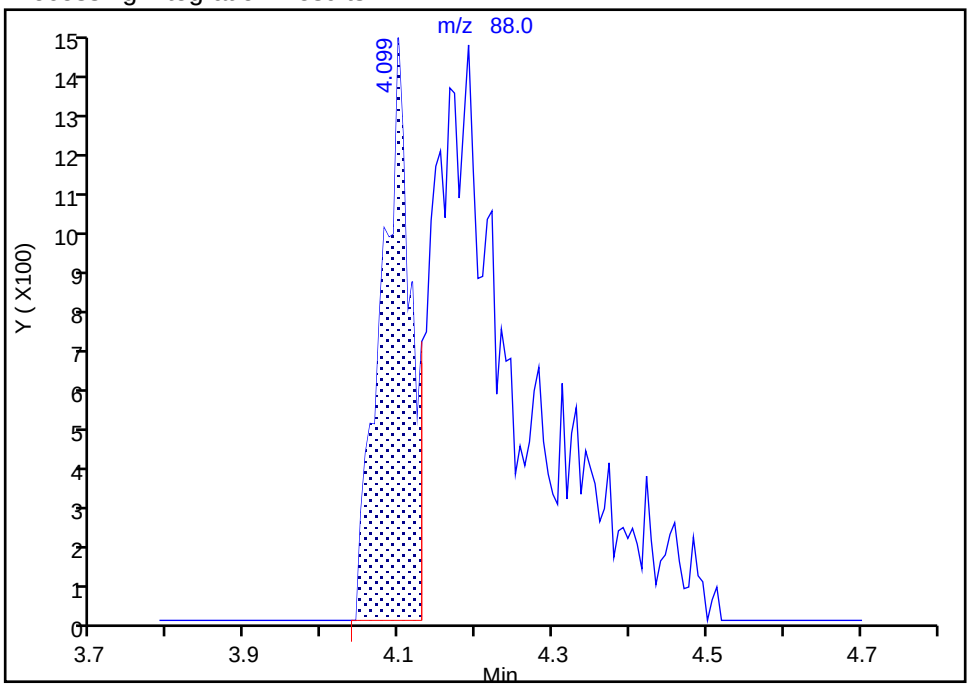
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

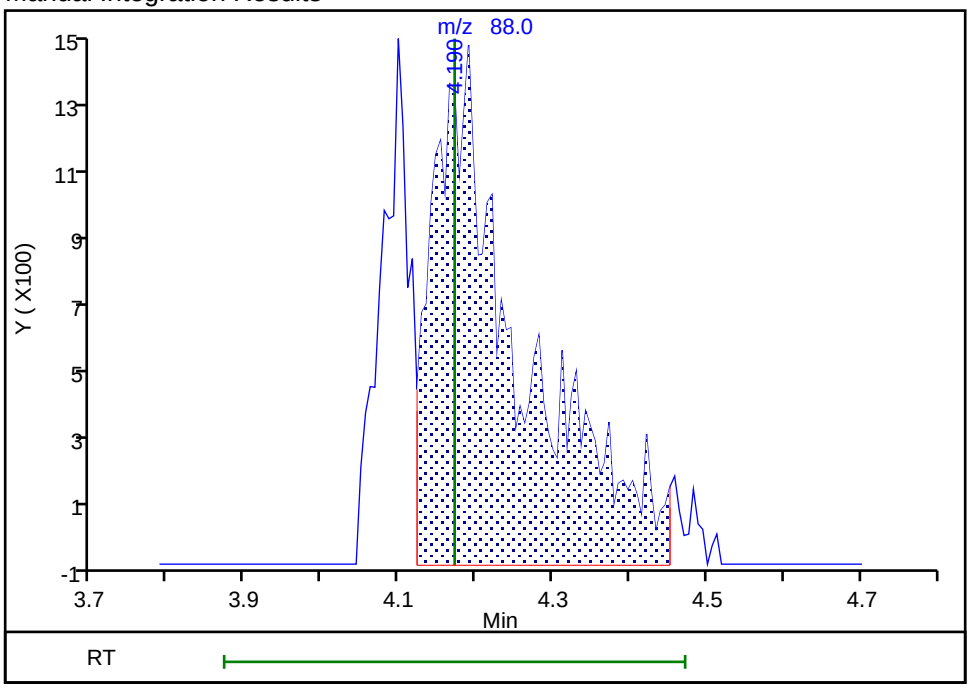
Processing Integration Results

RT: 4.10
Area: 3933
Amount: 163.7050
Amount Units: ug/l



Manual Integration Results

RT: 4.19
Area: 11405
Amount: 474.7153
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:19:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

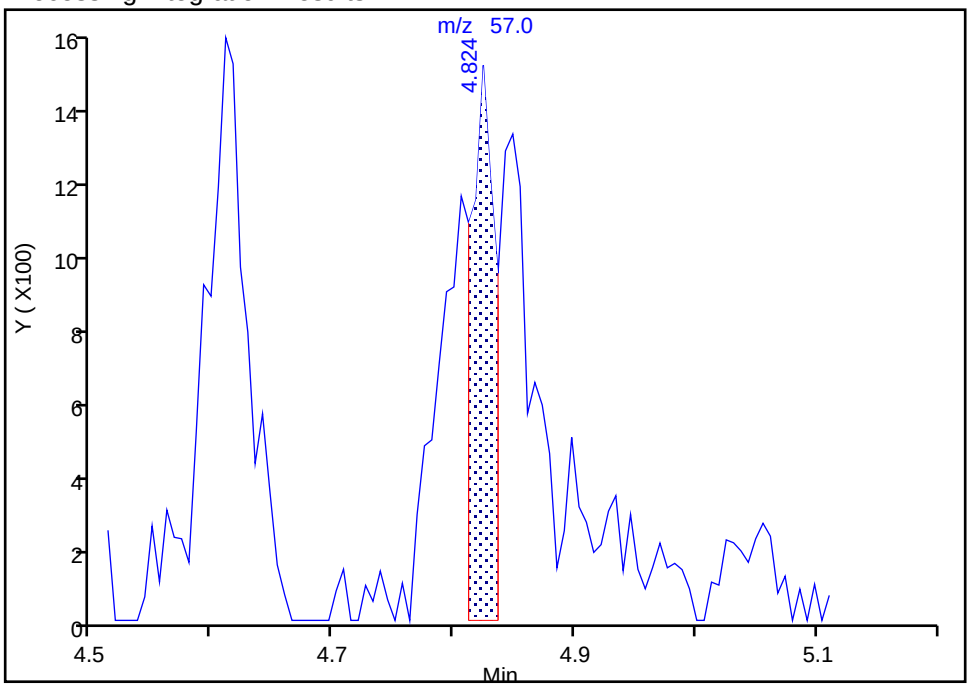
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

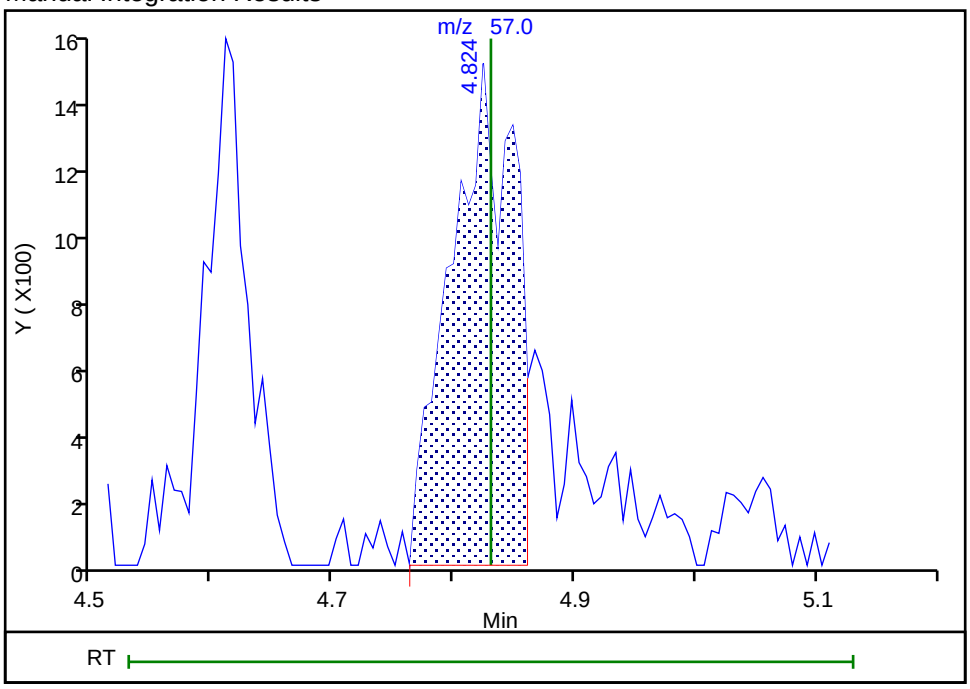
Processing Integration Results

RT: 4.82
Area: 2148
Amount: 10.297611
Amount Units: ug/l



Manual Integration Results

RT: 4.82
Area: 5532
Amount: 26.520663
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:21:41
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

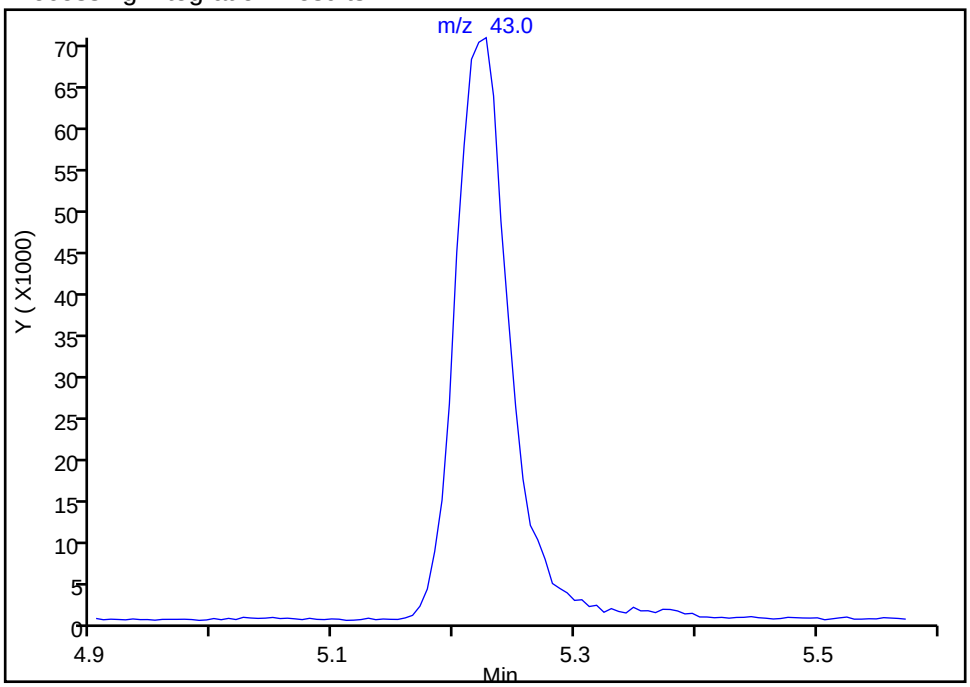
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

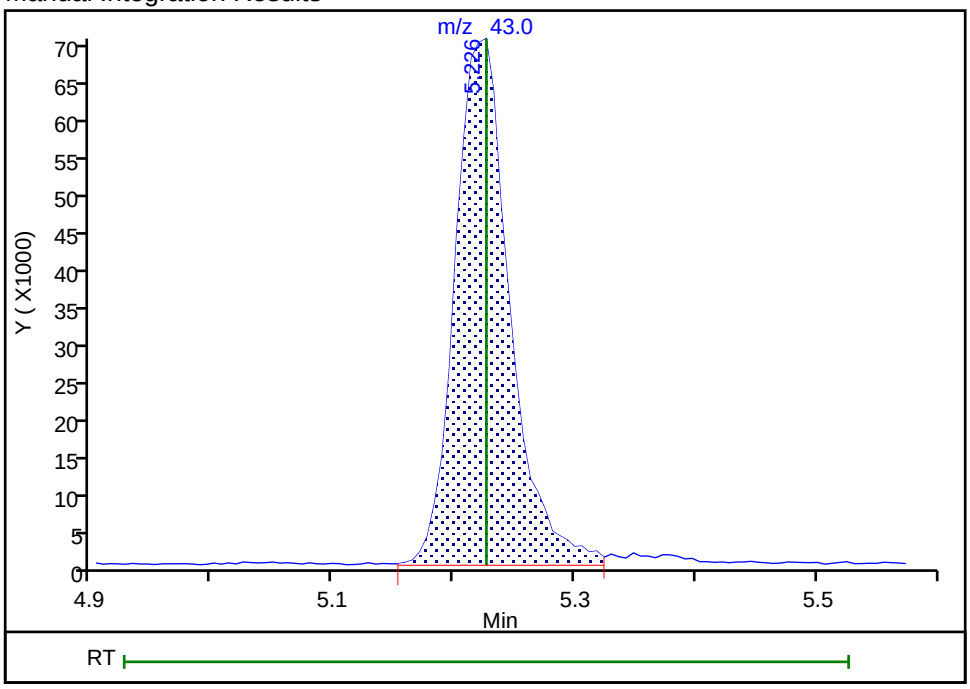
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 221912
Amount: 101.7998
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:20:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

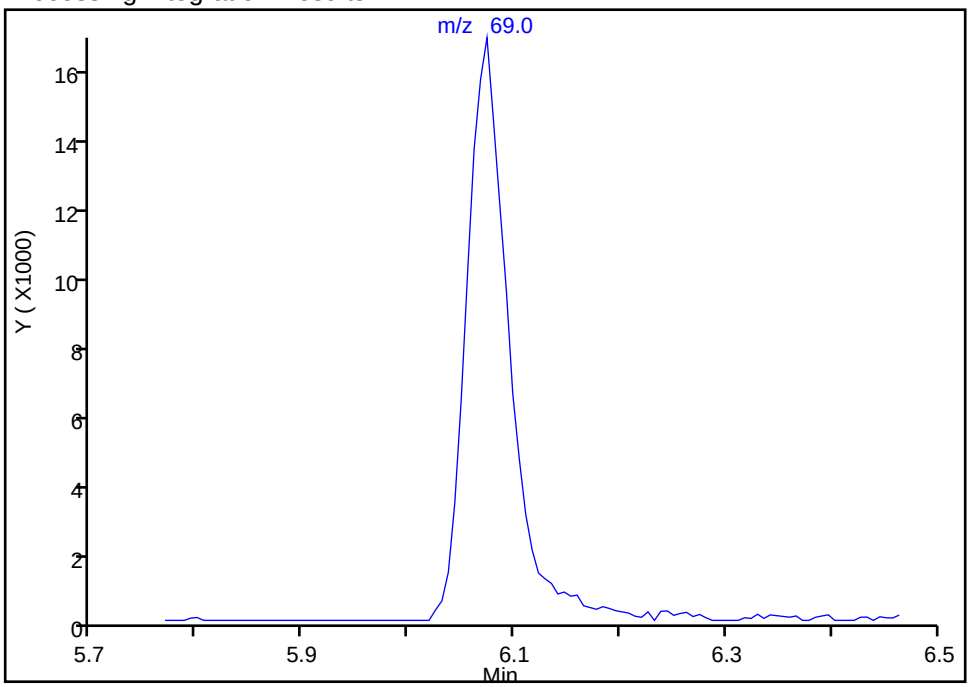
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

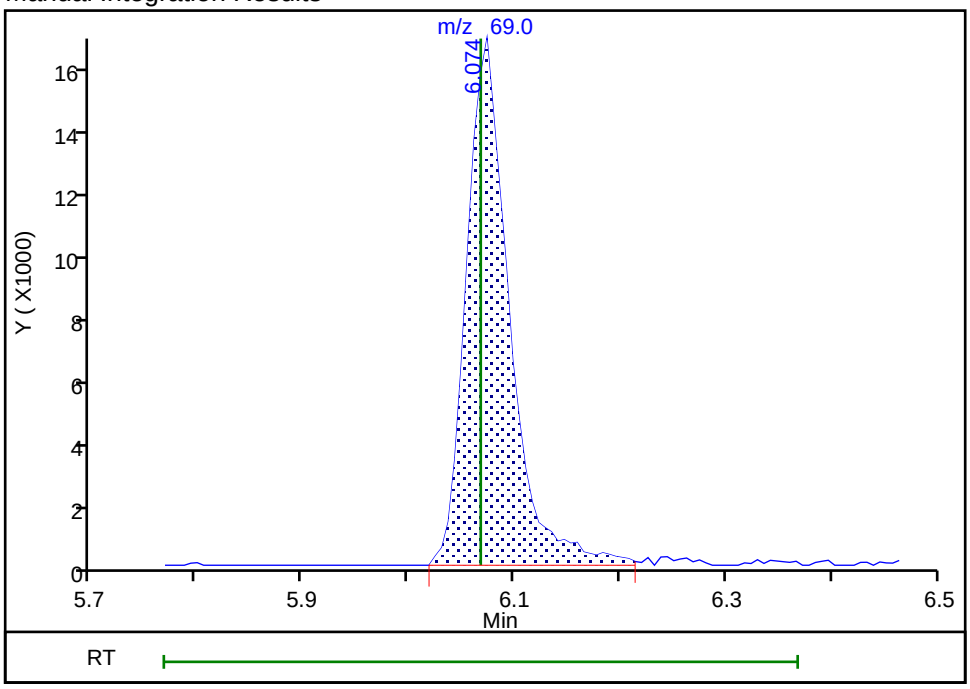
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.07
Area: 47327
Amount: 21.700096
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:20:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

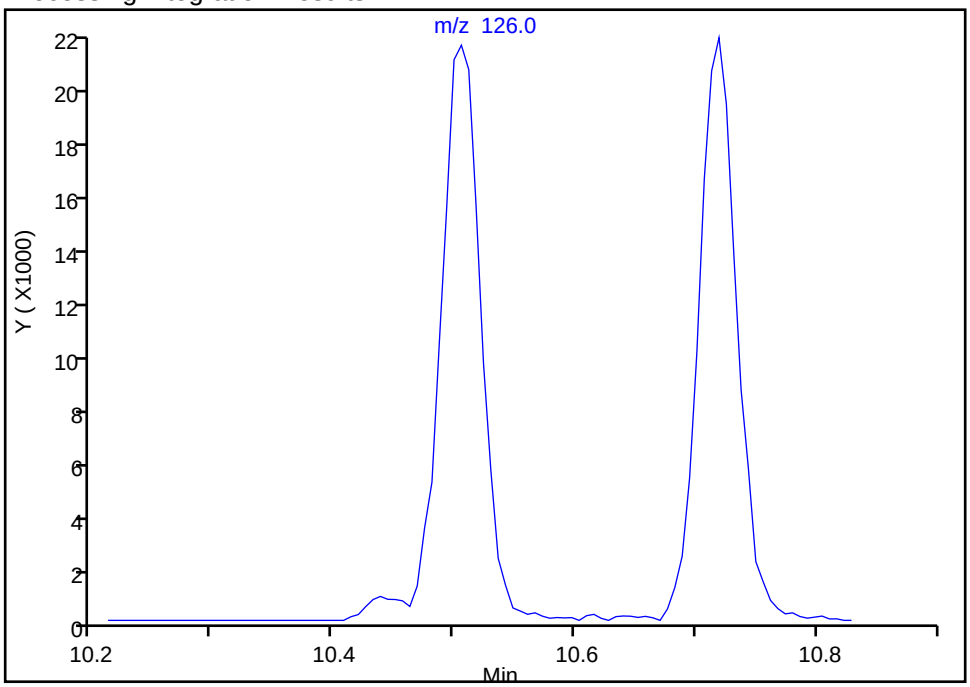
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

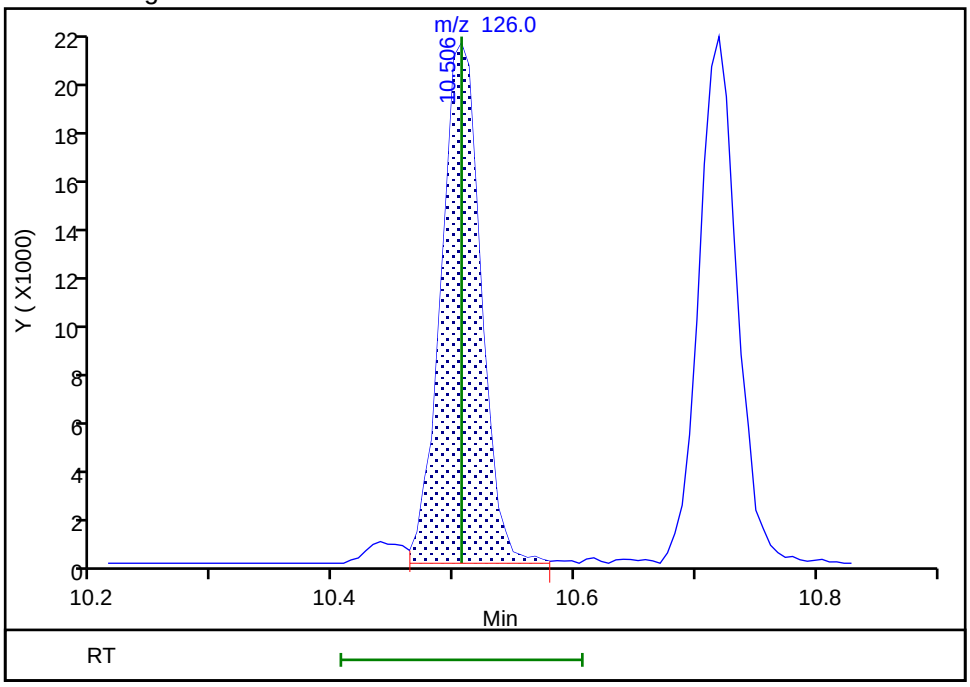
Not Detected
Expected RT: 10.51

Processing Integration Results



Manual Integration Results

RT: 10.51
Area: 49429
Amount: 20.061994
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:20:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

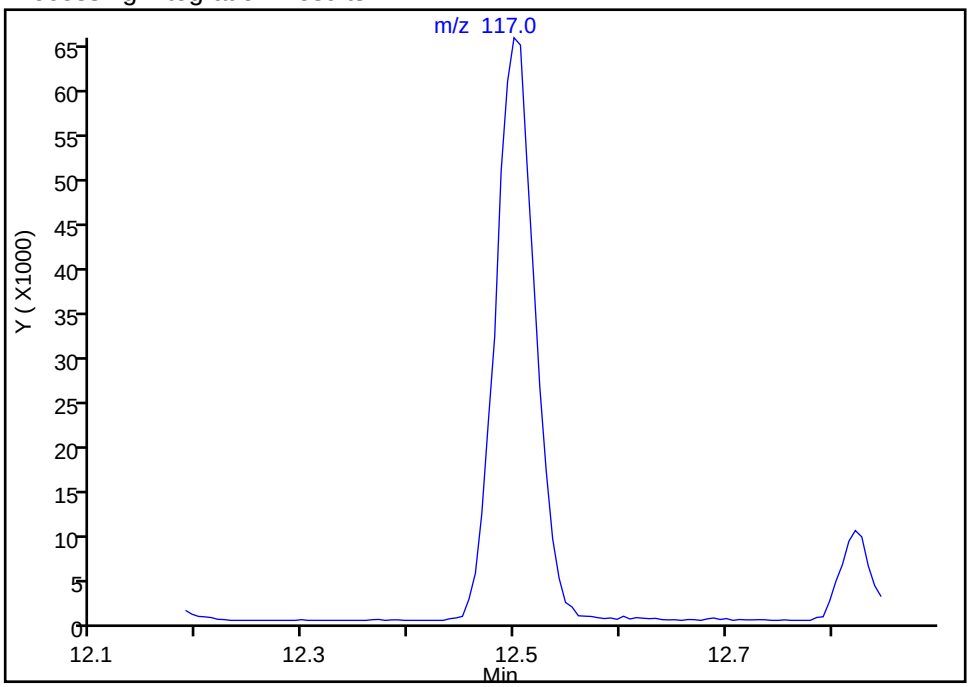
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87433.D
Injection Date: 18-May-2022 17:13:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 2,3-Dihydroindene, CAS: 496-11-7

Signal: 1

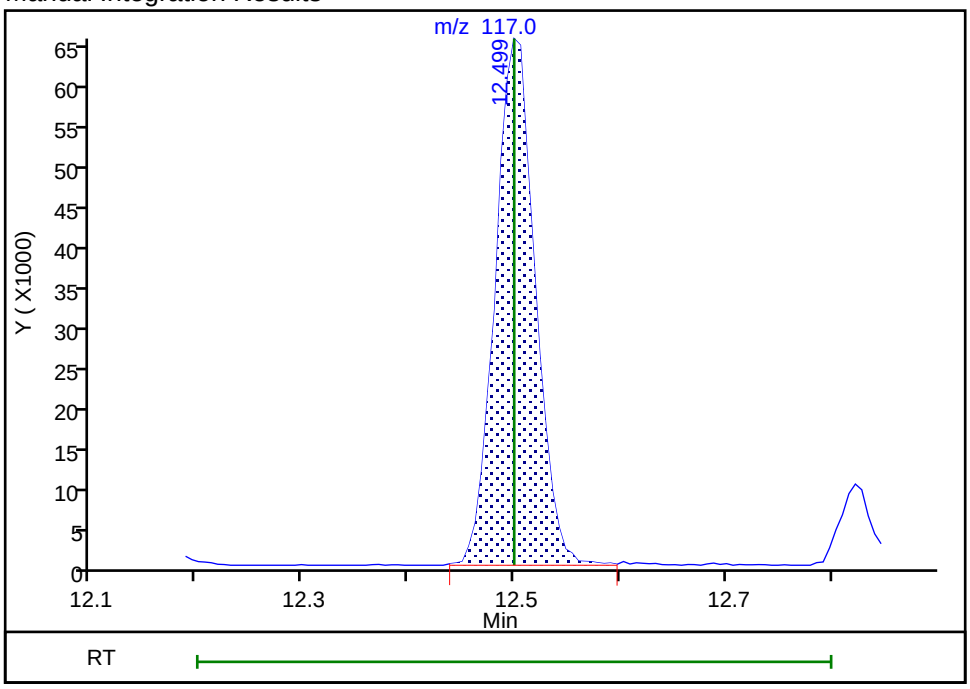
Not Detected
Expected RT: 12.50

Processing Integration Results



Manual Integration Results

RT: 12.50
Area: 170758
Amount: 20.229733
Amount Units: ug/l



Reviewer: delpolitov, 18-May-2022 18:20:31
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847356/3 Calibration Date: 05/31/2022 05:57

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B88096.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0118	0.0107		18.2	20.0	-9.1	20.0
1,1-Difluoroethane	Ave	0.3653	0.3387		18.5	20.0	-7.3	20.0
Chlorodifluoromethane	Ave	0.0391	0.0390		20.0	20.0	-0.2	20.0
Dichlorodifluoromethane	Ave	0.2978	0.2924	0.1000	19.6	20.0	-1.8	20.0
Chloromethane	Ave	0.3378	0.3287	0.1000	19.5	20.0	-2.7	20.0
Butadiene	Ave	0.2357	0.2297		19.5	20.0	-2.6	20.0
Vinyl chloride	Ave	0.2552	0.2689	0.1000	21.1	20.0	5.3	20.0
Bromomethane	Ave	0.1901	0.2196	0.1000	23.1	20.0	15.5	50.0
Chloroethane	Ave	0.1381	0.1602	0.1000	23.2	20.0	16.0	50.0
Trichlorofluoromethane	Ave	0.2989	0.3619	0.1000	24.2	20.0	21.1*	20.0
Dichlorofluoromethane	Ave	0.3640	0.3976		21.8	20.0	9.2	20.0
Pentane	Ave	0.0325	0.0393		48.5	40.0	21.1*	20.0
Ethanol	Ave	0.0218	0.0208		763	800	-4.6	50.0
Ethyl ether	Ave	0.1241	0.1381		22.3	20.0	11.3	20.0
2-Methyl-1,3-butadiene	Ave	0.1581	0.1818		23.0	20.0	15.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1892	0.1913		20.2	20.0	1.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.2787	0.2879		20.7	20.0	3.3	20.0
Acrolein	Ave	0.6810	0.5039		222	300	-26.0	50.0
1,1-Dichloroethene	Ave	0.1856	0.2452	0.1000	26.4	20.0	32.2*	20.0
Acetone	Ave	0.4921	0.6206	0.0500	126	100	26.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2130	0.2730	0.1000	25.6	20.0	28.2*	20.0
Iodomethane	Ave	0.3643	0.4934		27.1	20.0	35.4*	20.0
Carbon disulfide	Ave	0.6770	0.8011	0.1000	23.7	20.0	18.3	50.0
Isopropyl alcohol	Ave	0.5404	0.4544		168	200	-15.9	50.0
3-Chloro-1-propene	Ave	0.2057	0.2237		21.8	20.0	8.8	20.0
Methyl acetate	Ave	0.1097	0.1113	0.1000	40.6	40.0	1.4	20.0
Acetonitrile	Ave	0.4589	0.4131		180	200	-10.0	20.0
Methylene Chloride	Ave	0.2259	0.2600	0.1000	23.0	20.0	15.1	20.0
2-Methyl-2-propanol	Ave	0.9620	0.8143		169	200	-15.4	50.0
Acrylonitrile	Ave	2.399	1.972		164	200	-17.8	20.0
trans-1,2-Dichloroethene	Ave	0.2125	0.2514	0.1000	23.7	20.0	18.3	20.0
Methyl tert-butyl ether	Ave	0.4970	0.5962	0.1000	24.0	20.0	19.9	20.0
Hexane	Ave	0.2674	0.3000		22.4	20.0	12.2	20.0
1,1-Dichloroethane	Ave	0.3397	0.3824	0.2000	22.5	20.0	12.6	20.0
Vinyl acetate	Ave	0.3500	0.4662		53.3	40.0	33.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.1863	0.2109		22.6	20.0	13.2	20.0
Isopropyl ether	Ave	0.6604	0.6244		18.9	20.0	-5.4	20.0
Tert-butyl ethyl ether	Ave	0.2454	0.2670		21.8	20.0	8.8	20.0
cis-1,2-Dichloroethene	Ave	0.2566	0.2721	0.1000	21.2	20.0	6.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847356/3 Calibration Date: 05/31/2022 05:57

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B88096.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1058	0.1230		23.2	20.0	16.2	20.0
2-Butanone (MEK)	Ave	0.2545	0.2663	0.0500	105	100	4.6	50.0
Propionitrile	Ave	0.2825	0.2749		195	200	-2.7	20.0
Ethyl acetate	Ave	0.2062	0.2195		42.6	40.0	6.5	20.0
Methyl acrylate	Ave	0.2000	0.1762		17.6	20.0	-11.9	20.0
Chlorobromomethane	Ave	0.1231	0.1419		23.1	20.0	15.3	20.0
Methacrylonitrile	Ave	0.0745	0.0742		199	200	-0.5	20.0
Tetrahydrofuran	Ave	0.2746	0.3072		44.7	40.0	11.9	20.0
Chloroform	Ave	0.3624	0.3857	0.2000	21.3	20.0	6.4	20.0
1,1,1-Trichloroethane	Ave	0.3099	0.3613	0.1000	23.3	20.0	16.6	20.0
Cyclohexane	Ave	0.3551	0.3720	0.1000	21.0	20.0	4.8	50.0
1,1-Dichloropropene	Ave	0.2745	0.2834		20.6	20.0	3.2	20.0
Carbon tetrachloride	Ave	0.2581	0.3159	0.1000	24.5	20.0	22.4*	20.0
Benzene	Ave	1.242	1.027	0.5000	16.5	20.0	-17.3	20.0
1,2-Dichloroethane	Ave	0.2330	0.2375	0.1000	20.4	20.0	2.0	20.0
Isobutyl alcohol	QuaF		0.1061		239	500	-52.3*	20.0
Tert-amyl methyl ether	Ave	0.6640	0.6732		20.3	20.0	1.4	20.0
Isopropyl acetate	Ave	0.7265	0.5428		14.9	20.0	-25.3*	20.0
n-Heptane	Ave	0.3776	0.3018		16.0	20.0	-20.1*	20.0
Trichloroethene	Ave	0.2116	0.2135	0.2000	20.2	20.0	0.9	20.0
n-Butanol	QuaF		0.0145		106	500	-78.9*	50.0
Methylcyclohexane	Ave	0.3992	0.4228	0.1000	21.2	20.0	5.9	50.0
Ethyl acrylate	Ave	0.5138	0.5000		19.5	20.0	-2.7	20.0
1,2-Dichloropropane	Ave	0.2123	0.2026	0.1000	19.1	20.0	-4.6	20.0
Dibromomethane	Ave	0.1206	0.1252		20.8	20.0	3.8	20.0
1,4-Dioxane	Ave	1.032	0.9334		362	400	-9.5	50.0
Methyl methacrylate	Ave	0.0433	0.0499		46.1	40.0	15.4	20.0
Dichlorobromomethane	Ave	0.2476	0.2523	0.2000	20.4	20.0	1.9	20.0
n-Propyl acetate	Ave	0.2202	0.2052		18.6	20.0	-6.8	20.0
2-Nitropropane	Ave	0.0416	0.0380		36.5	40.0	-8.7	20.0
2-Chloroethyl vinyl ether	QuaF		0.0579		17.7	20.0	-11.8	20.0
Epichlorohydrin	Ave	0.1710	0.1771		414	400	3.6	20.0
cis-1,3-Dichloropropene	Ave	0.4369	0.3437	0.2000	15.7	20.0	-21.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.787	1.850	0.0500	104	100	3.6	50.0
Toluene	Ave	1.257	1.100	0.4000	17.5	20.0	-12.5	20.0
trans-1,3-Dichloropropene	Ave	0.3528	0.3040	0.1000	17.2	20.0	-13.8	50.0
1,1,2-Trichloroethane	Ave	0.2056	0.1757	0.1000	17.1	20.0	-14.6	20.0
Ethyl methacrylate	Qua2		0.1930		18.8	20.0	-6.1	20.0
Tetrachloroethene	Ave	0.3054	0.3067	0.2000	20.1	20.0	0.4	20.0
1,3-Dichloropropane	Ave	0.4008	0.3367		16.8	20.0	-16.0	20.0
2-Hexanone	Qua2		1.254	0.0500	106	100	6.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847356/3 Calibration Date: 05/31/2022 05:57

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B88096.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.2533	0.2408	0.1000	19.0	20.0	-4.9	50.0
Ethylene Dibromide	Ave	0.2353	0.2282	0.1000	19.4	20.0	-3.0	20.0
n-Butyl acetate	Ave	0.3556	0.2630		14.8	20.0	-26.0*	20.0
Chlorobenzene	Ave	0.7946	0.7759	0.5000	19.5	20.0	-2.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2753	0.2495		18.1	20.0	-9.4	20.0
Ethylbenzene	Ave	0.4292	0.4079	0.1000	19.0	20.0	-5.0	20.0
m-Xylene & p-Xylene	Ave	0.5046	0.5035	0.1000	20.0	20.0	-0.2	20.0
o-Xylene	Ave	0.4944	0.4583	0.3000	18.5	20.0	-7.3	20.0
Styrene	Qua2		0.7751	0.3000	19.6	20.0	-2.0	20.0
n-Butyl acrylate	Qua2		0.1379		17.0	20.0	-15.2	20.0
Bromoform	Ave	0.1624	0.1673	0.1000	20.6	20.0	3.0	20.0
Amyl acetate (mixed isomers)	Qua2		0.4981		13.8	20.0	-31.0*	20.0
Isopropylbenzene	Ave	1.342	1.274	0.1000	19.0	20.0	-5.1	20.0
Bromobenzene	Ave	0.6215	0.6042		19.4	20.0	-2.8	20.0
1,2,3-Trichloropropane	Ave	0.1529	0.1507		19.7	20.0	-1.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6285	0.5525	0.3000	17.6	20.0	-12.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1643	0.1452		17.7	20.0	-11.7	20.0
N-Propylbenzene	Ave	0.6781	0.6675		19.7	20.0	-1.6	20.0
2-Chlorotoluene	Ave	0.6004	0.6078		20.2	20.0	1.2	20.0
4-Ethyltoluene	Ave	2.317	2.234		19.3	20.0	-3.6	20.0
4-Chlorotoluene	Ave	2.033	1.887		18.6	20.0	-7.2	20.0
1,3,5-Trimethylbenzene	Ave	2.010	1.886		18.8	20.0	-6.2	20.0
Butyl Methacrylate	Qua2		0.4753		16.9	20.0	-15.3	20.0
tert-Butylbenzene	Ave	1.643	1.497		18.2	20.0	-8.9	20.0
1,2,4-Trimethylbenzene	Ave	2.097	1.947		18.6	20.0	-7.1	20.0
sec-Butylbenzene	Ave	2.766	2.543		18.4	20.0	-8.0	20.0
1,3-Dichlorobenzene	Ave	1.227	1.197	0.6000	19.5	20.0	-2.4	20.0
1,4-Dichlorobenzene	Ave	1.271	1.181	0.5000	18.6	20.0	-7.0	20.0
4-Isopropyltoluene	Ave	2.324	2.238		19.3	20.0	-3.7	20.0
1,2,3-Trimethylbenzene	Ave	2.234	2.051		18.4	20.0	-8.2	20.0
Benzyl chloride	Ave	0.2218	0.2118		19.1	20.0	-4.5	50.0
Indan	Ave	0.7986	0.9586		24.0	20.0	20.0	20.0
1,2-Dichlorobenzene	Ave	1.182	1.173	0.4000	19.8	20.0	-0.8	20.0
p-Diethylbenzene	Ave	1.194	1.136		19.0	20.0	-4.9	20.0
n-Butylbenzene	Lin2		1.240		17.2	20.0	-14.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1266	0.1261	0.0500	19.9	20.0	-0.4	50.0
1,2,4,5-Tetramethylbenzene	Qua2		1.955		18.9	20.0	-5.5	20.0
1,3,5-Trichlorobenzene	Ave	0.997	1.009		20.2	20.0	1.2	20.0
1,2,4-Trichlorobenzene	Ave	0.8931	0.9001	0.2000	20.2	20.0	0.8	20.0
Hexachlorobutadiene	Ave	0.4392	0.4714		21.5	20.0	7.3	20.0
Naphthalene	Ave	2.310	2.153		18.6	20.0	-6.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847356/3 Calibration Date: 05/31/2022 05:57

Instrument ID: CVOAMS2 Calib Start Date: 05/18/2022 12:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/18/2022 14:38

Lab File ID: B88096.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8828	0.8839		20.0	20.0	0.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2174	0.2479		57.0	50.0	14.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2082	0.2257		54.2	50.0	8.4	20.0
Toluene-d8 (Surr)	Ave	1.232	1.123		45.6	50.0	-8.8	20.0
4-Bromofluorobenzene	Ave	0.6569	0.6827		52.0	50.0	3.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 31-May-2022 05:57:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0145937-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jun-2022 21:27:51 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: delpolitov Date: 01-Jun-2022 21:27:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.581	0.581	0.000	27	2951	20.0	18.2	Ma
2 1,1-Difluoroethane	51	0.642	0.642	0.000	89	92997	20.0	18.5	
4 Chlorodifluoromethane	67	0.642	0.642	0.000	95	10712	20.0	20.0	M
3 Dichlorodifluoromethane	85	0.648	0.648	0.000	70	80284	20.0	19.6	
5 Chloromethane	50	0.721	0.721	0.000	99	90244	20.0	19.5	
7 Vinyl chloride	62	0.758	0.758	0.000	97	73818	20.0	21.1	
6 Butadiene	54	0.758	0.758	0.000	81	63067	20.0	19.5	
8 Bromomethane	94	0.892	0.892	0.000	98	60291	20.0	23.1	
9 Chloroethane	64	0.916	0.916	0.000	99	43990	20.0	23.2	
11 Trichlorofluoromethane	101	0.984	0.984	0.000	77	99371	20.0	24.2	a
10 Dichlorofluoromethane	67	1.008	1.008	0.000	74	109166	20.0	21.8	
12 Pentane	72	1.014	1.014	0.000	94	21591	40.0	48.5	
14 Ethanol	46	1.099	1.099	0.000	70	7170	800.0	763.0	M
13 Ethyl ether	59	1.105	1.105	0.000	91	37905	20.0	22.3	
15 2-Methyl-1,3-butadiene	53	1.118	1.118	0.000	91	49917	20.0	23.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.136	1.136	0.000	85	52512	20.0	20.2	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.166	0.000	84	79040	20.0	20.7	a
18 Acrolein	56	1.173	1.173	0.000	97	65208	300.0	222.0	
19 1,1-Dichloroethene	96	1.215	1.215	0.000	95	67330	20.0	26.4	
21 Acetone	43	1.246	1.246	0.000	87	72723	100.0	126.1	
20 112TCTFE	101	1.276	1.276	0.000	85	74961	20.0	25.6	a
22 Iodomethane	142	1.288	1.288	0.000	97	135459	20.0	27.1	
23 Carbon disulfide	76	1.319	1.319	0.000	99	219965	20.0	23.7	
24 Isopropyl alcohol	45	1.349	1.349	0.000	24	39194	200.0	168.2	a
25 3-Chloro-1-propene	39	1.404	1.404	0.000	91	61415	20.0	21.8	M
26 Methyl acetate	43	1.416	1.416	0.000	96	61116	40.0	40.6	
27 Acetonitrile	39	1.422	1.422	0.000	46	35637	200.0	180.0	Ma
28 Methylene Chloride	84	1.471	1.471	0.000	80	71385	20.0	23.0	
* 29 TBA-d9 (IS)	65	1.538	1.538	0.000	0	431314	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.587	1.587	0.000	58	70242	200.0	169.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.611	1.611	0.000	95	170103	200.0	164.4	
32 trans-1,2-Dichloroethene	96	1.618	1.618	0.000	95	69021	20.0	23.7	
33 Methyl tert-butyl ether	73	1.642	1.642	0.000	95	163683	20.0	24.0	
34 Hexane	57	1.800	1.800	0.000	90	82356	20.0	22.4	
35 1,1-Dichloroethane	63	1.874	1.874	0.000	99	104988	20.0	22.5	
36 Vinyl acetate	86	1.935	1.935	0.000	99	21855	40.0	53.3	
37 2-Chloro-1,3-butadiene	88	1.941	1.941	0.000	69	57915	20.0	22.6	
38 Isopropyl ether	45	1.971	1.971	0.000	93	171446	20.0	18.9	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	89	73299	20.0	21.8	
* 40 2-Butanone-d5	46	2.276	2.276	0.000	0	292977	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.288	2.288	0.000	98	74713	20.0	21.2	
42 2,2-Dichloropropane	79	2.294	2.294	0.000	69	33763	20.0	23.2	
43 2-Butanone (MEK)	72	2.325	2.325	0.000	96	31212	100.0	104.6	
44 Propionitrile	54	2.361	2.361	0.000	94	64443	200.0	194.7	
45 Ethyl acetate	70	2.404	2.404	0.000	95	10290	40.0	42.6	
62 Methyl acrylate	55	2.404	2.404	0.000	83	48388	20.0	17.6	
47 Methacrylonitrile	67	2.471	2.471	0.000	88	203607	200.0	199.1	
46 Chlorobromomethane	128	2.471	2.471	0.000	56	38973	20.0	23.1	
48 Tetrahydrofuran	72	2.526	2.526	0.000	79	14400	40.0	44.7	
49 Chloroform	83	2.556	2.556	0.000	98	105900	20.0	21.3	
$ 50 Dibromofluoromethane (Surr)	113	2.691	2.691	0.000	98	170172	50.0	57.0	
51 1,1,1-Trichloroethane	97	2.697	2.697	0.000	64	99202	20.0	23.3	
52 Cyclohexane	84	2.739	2.739	0.000	87	102124	20.0	21.0	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	96	77801	20.0	20.6	
53 Carbon tetrachloride	117	2.837	2.837	0.000	83	86728	20.0	24.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.971	2.971	0.000	0	154943	50.0	54.2	
56 Benzene	78	3.014	3.014	0.000	94	240357	20.0	16.5	
57 1,2-Dichloroethane	62	3.038	3.038	0.000	97	65221	20.0	20.4	
58 Isobutyl alcohol	42	3.111	3.111	0.000	63	22889	500.0	238.5	Ma
59 Tert-amyl methyl ether	73	3.190	3.190	0.000	93	184824	20.0	20.3	
73 Isopropyl acetate	43	3.203	3.203	0.000	92	149032	20.0	14.9	M
* 60 Fluorobenzene	96	3.306	3.306	0.000	100	686405	50.0	50.0	
61 n-Heptane	43	3.367	3.367	0.000	87	82850	20.0	16.0	
63 Trichloroethene	95	3.696	3.696	0.000	95	58623	20.0	20.2	
64 n-Butanol	43	3.849	3.849	0.000	88	3124	500.0	105.7	a
65 Methylcyclohexane	83	3.910	3.910	0.000	94	116078	20.0	21.2	
66 Ethyl acrylate	55	3.916	3.916	0.000	96	137286	20.0	19.5	
67 1,2-Dichloropropane	63	3.946	3.946	0.000	94	55627	20.0	19.1	
68 Dibromomethane	93	4.068	4.068	0.000	95	34368	20.0	20.8	
* 69 1,4-Dioxane-d8	96	4.105	4.105	0.000	0	33195	1000.0	1000.0	
70 1,4-Dioxane	88	4.190	4.190	0.000	33	12394	400.0	361.9	M
71 Methyl methacrylate	100	4.215	4.215	0.000	97	27400	40.0	46.1	
72 Dichlorobromomethane	83	4.312	4.312	0.000	98	69266	20.0	20.4	
81 n-Propyl acetate	43	4.330	4.330	0.000	97	56346	20.0	18.6	
74 2-Nitropropane	41	4.623	4.623	0.000	96	20874	40.0	36.5	
75 2-Chloroethyl vinyl ether	63	4.800	4.800	0.000	89	15937	20.0	17.7	
76 Epichlorohydrin	57	4.818	4.818	0.000	99	83013	400.0	414.3	
77 cis-1,3-Dichloropropene	75	4.922	4.922	0.000	90	80461	20.0	15.7	
78 4-Methyl-2-pentanone (MIBK)	43	5.221	5.221	0.000	96	216846	100.0	103.6	a
$ 79 Toluene-d8 (Surr)	98	5.275	5.275	0.000	99	657214	50.0	45.6	
80 Toluene	91	5.367	5.367	0.000	93	257518	20.0	17.5	
82 trans-1,3-Dichloropropene	75	5.787	5.787	0.000	96	71168	20.0	17.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.044	6.044	0.000	95	41127	20.0	17.1	
84 Ethyl methacrylate	69	6.074	6.074	0.000	74	52995	20.0	18.8	a
85 Tetrachloroethene	166	6.196	6.196	0.000	98	71807	20.0	20.1	
86 1,3-Dichloropropane	76	6.281	6.281	0.000	91	78833	20.0	16.8	
87 2-Hexanone	43	6.580	6.580	0.000	95	147006	100.0	106.2	
88 Chlorodibromomethane	129	6.641	6.641	0.000	97	56370	20.0	19.0	
89 Ethylene Dibromide	107	6.751	6.751	0.000	96	53439	20.0	19.4	
90 n-Butyl acetate	43	6.915	6.921	-0.006	98	61574	20.0	14.8	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	84	585317	50.0	50.0	
92 Chlorobenzene	112	7.683	7.683	0.000	98	181667	20.0	19.5	
93 1,1,1,2-Tetrachloroethane	131	7.903	7.903	0.000	97	58425	20.0	18.1	
94 Ethylbenzene	106	7.982	7.982	0.000	97	95508	20.0	19.0	
95 m-Xylene & p-Xylene	106	8.232	8.232	0.000	99	117873	20.0	20.0	
96 o-Xylene	106	8.958	8.958	0.000	95	107293	20.0	18.5	
97 Styrene	104	9.012	9.012	0.000	98	181466	20.0	19.6	
98 n-Butyl acrylate	73	9.208	9.208	0.000	99	32276	20.0	17.0	
99 Bromoform	173	9.250	9.250	0.000	98	39161	20.0	20.6	
101 Amyl acetate (mixed isomers)	43	9.689	9.689	0.000	92	66410	20.0	13.8	
102 Isopropylbenzene	105	9.714	9.714	0.000	95	298184	20.0	19.0	
$ 103 4-Bromofluorobenzene	174	9.915	9.915	0.000	95	227519	50.0	52.0	
104 Bromobenzene	156	10.098	10.098	0.000	94	80550	20.0	19.4	
105 1,2,3-Trichloropropane	110	10.317	10.317	0.000	97	20089	20.0	19.7	
106 1,1,2,2-Tetrachloroethane	83	10.335	10.335	0.000	97	73662	20.0	17.6	
107 trans-1,4-Dichloro-2-butene	53	10.439	10.439	0.000	85	19356	20.0	17.7	
108 N-Propylbenzene	120	10.469	10.469	0.000	100	88990	20.0	19.7	
109 2-Chlorotoluene	126	10.506	10.506	0.000	95	81028	20.0	20.2	
110 4-Ethyltoluene	105	10.689	10.689	0.000	98	297789	20.0	19.3	
111 4-Chlorotoluene	91	10.713	10.713	0.000	97	251605	20.0	18.6	
112 1,3,5-Trimethylbenzene	105	10.817	10.817	0.000	94	251380	20.0	18.8	
100 Butyl Methacrylate	87	11.201	11.201	0.000	95	63367	20.0	16.9	
113 tert-Butylbenzene	119	11.353	11.353	0.000	95	199522	20.0	18.2	
114 1,2,4-Trimethylbenzene	105	11.439	11.439	0.000	96	259619	20.0	18.6	
115 sec-Butylbenzene	105	11.738	11.738	0.000	99	339084	20.0	18.4	
116 1,3-Dichlorobenzene	146	11.805	11.805	0.000	98	159580	20.0	19.5	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	93	333287	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.987	11.987	0.000	96	157486	20.0	18.6	
119 4-Isopropyltoluene	119	12.073	12.073	0.000	98	298328	20.0	19.3	
120 1,2,3-Trimethylbenzene	105	12.170	12.170	0.000	97	273494	20.0	18.4	
121 Benzyl chloride	126	12.323	12.323	0.000	99	28242	20.0	19.1	
122 2,3-Dihydroindene	117	12.500	12.500	0.000	94	263200	20.0	24.0	
123 1,2-Dichlorobenzene	146	12.682	12.682	0.000	97	156346	20.0	19.8	
124 p-Diethylbenzene	119	12.823	12.823	0.000	92	151404	20.0	19.0	a
125 n-Butylbenzene	92	12.847	12.847	0.000	96	165273	20.0	17.2	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	90	16811	20.0	19.9	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	99	260629	20.0	18.9	
128 1,3,5-Trichlorobenzene	180	13.780	13.780	0.000	98	134502	20.0	20.2	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	93	119994	20.0	20.2	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	92	62849	20.0	21.5	
131 Naphthalene	128	14.377	14.377	0.000	100	287063	20.0	18.6	
132 1,2,3-Trichlorobenzene	180	14.542	14.542	0.000	96	117834	20.0	20.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	44.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	33.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	38.5	
S 136 Total BTEX	1				0		100.0	91.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00477	Amount Added:	2.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jun-2022 21:27:52 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D

Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2 Operator ID:

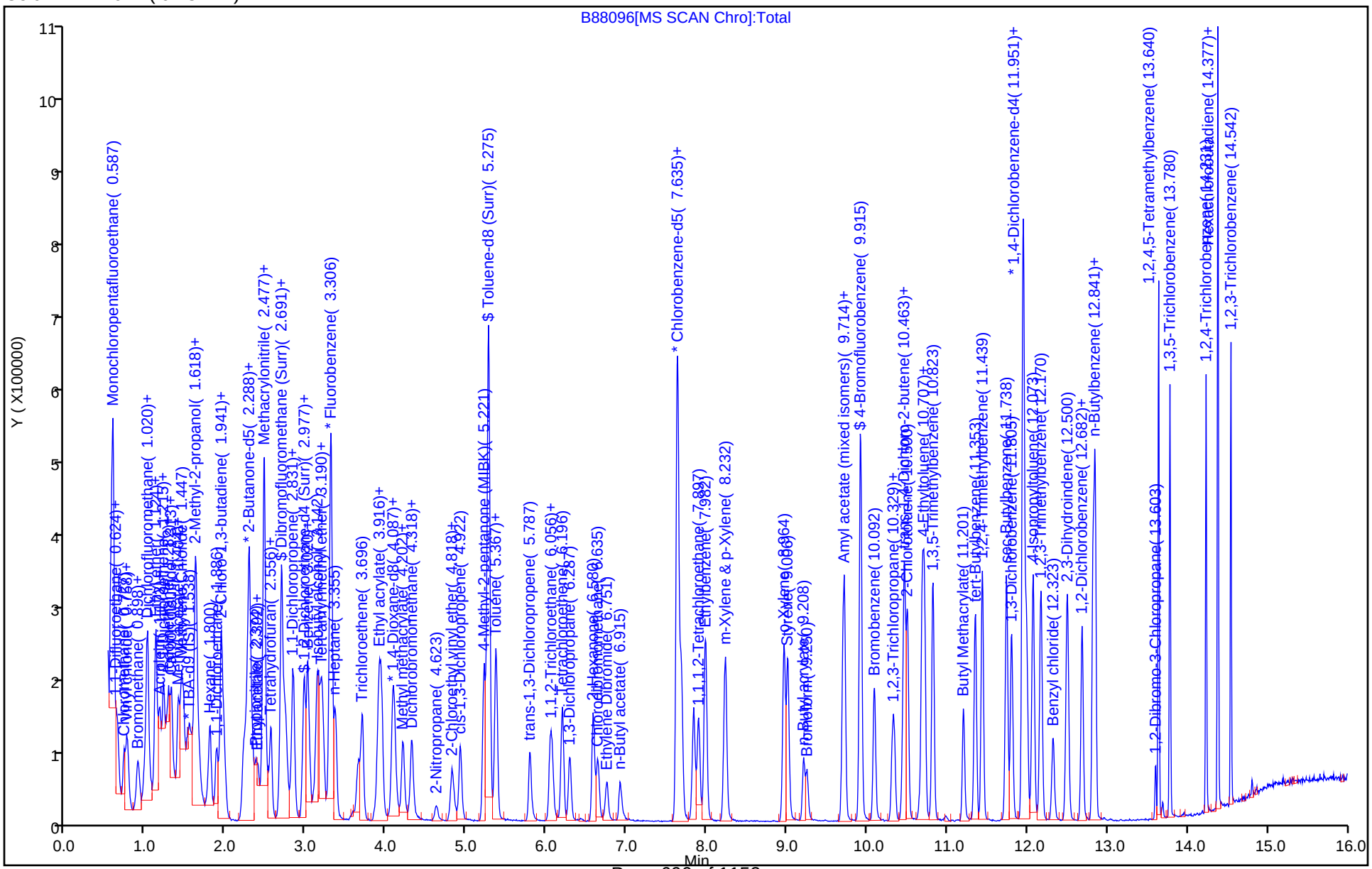
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

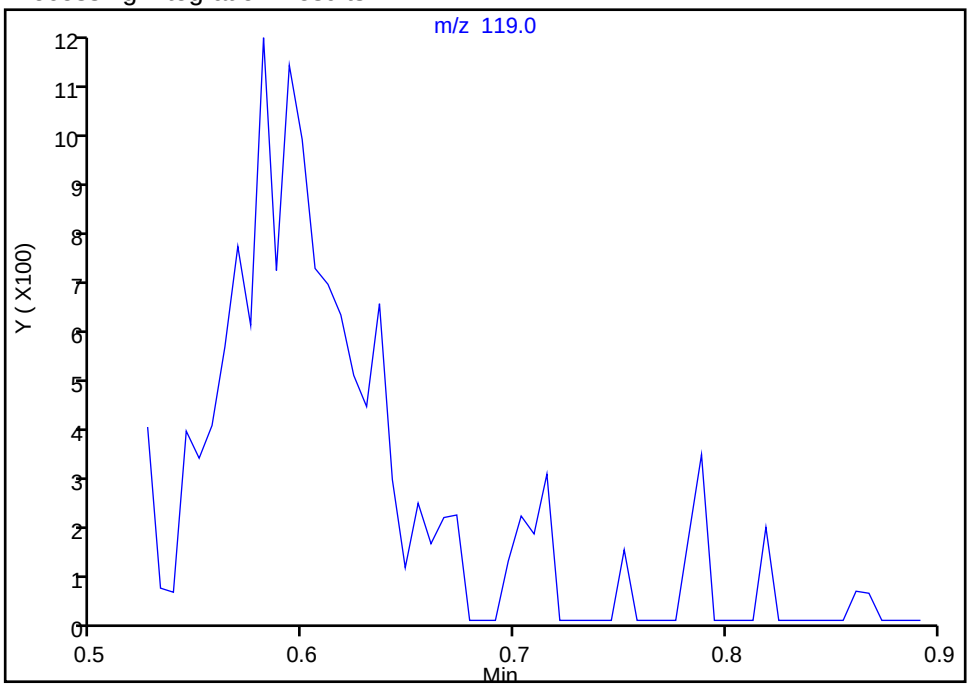
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Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

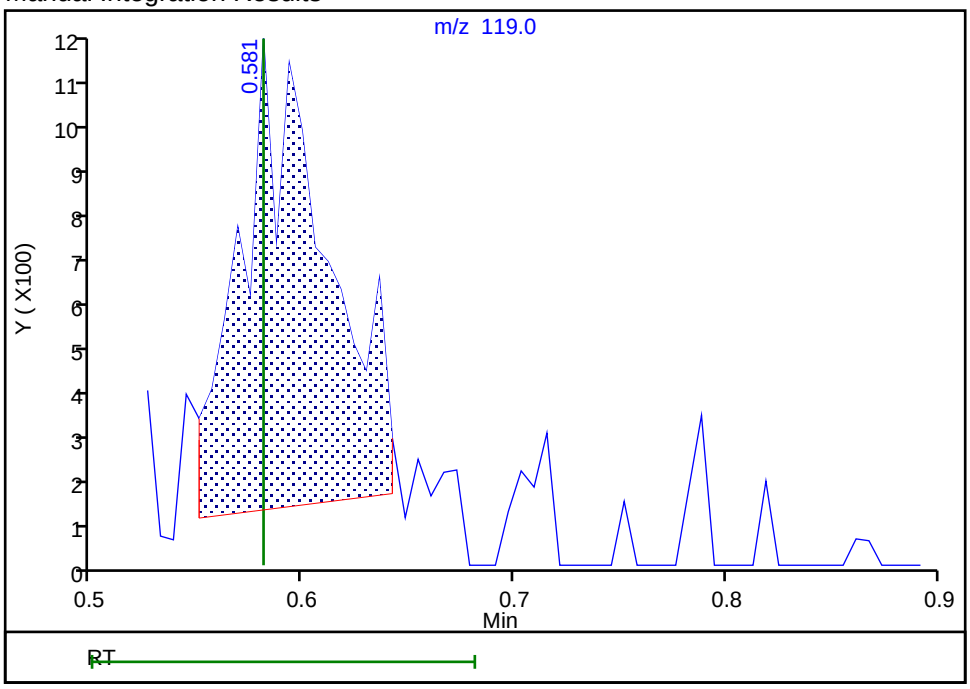
Not Detected
Expected RT: 0.58

Processing Integration Results



Manual Integration Results

RT: 0.58
Area: 2951
Amount: 18.185169
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:43:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

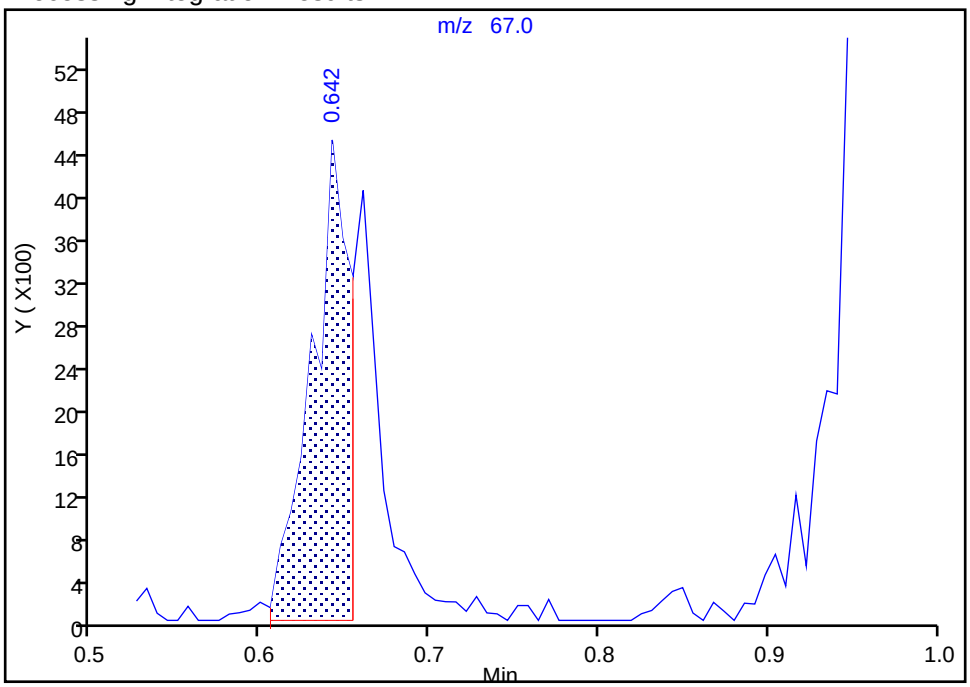
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Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

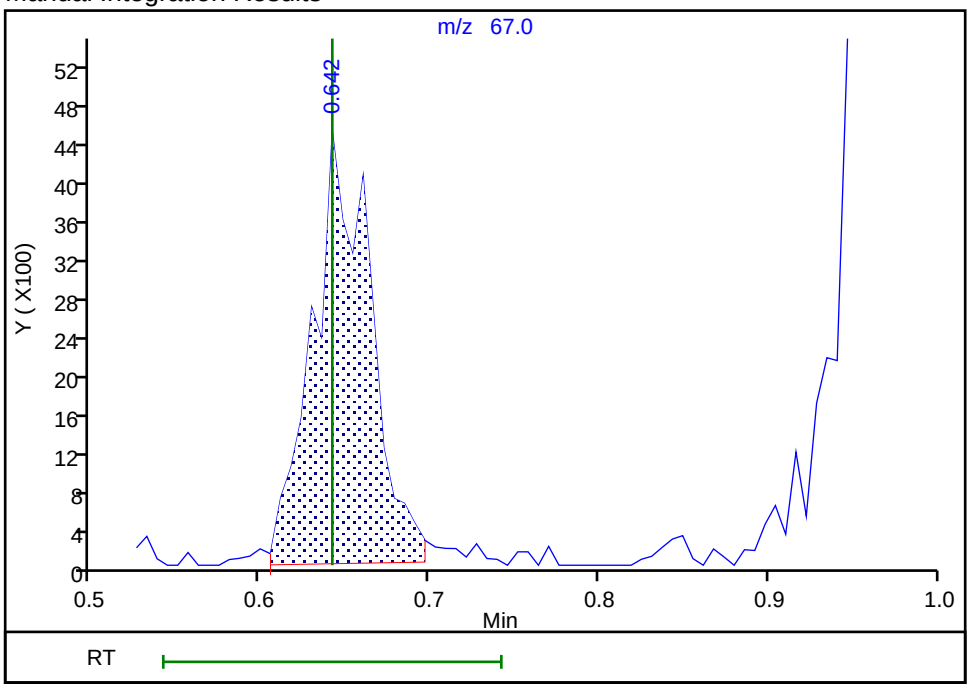
Processing Integration Results

RT: 0.64
Area: 7201
Amount: 13.421921
Amount Units: ug/l



Manual Integration Results

RT: 0.64
Area: 10712
Amount: 19.966063
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:46:56
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

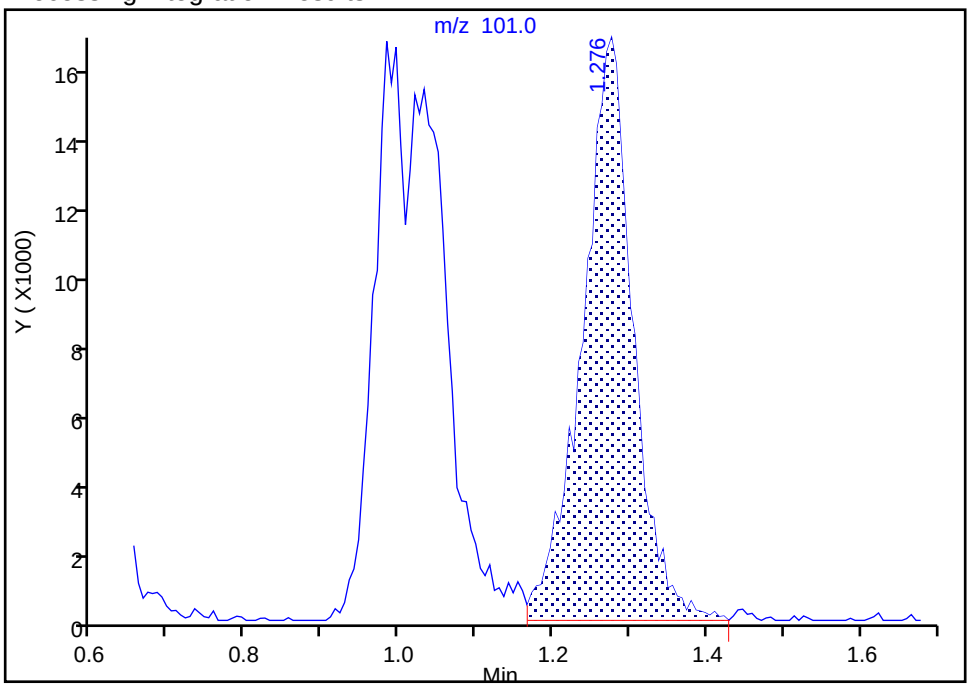
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Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

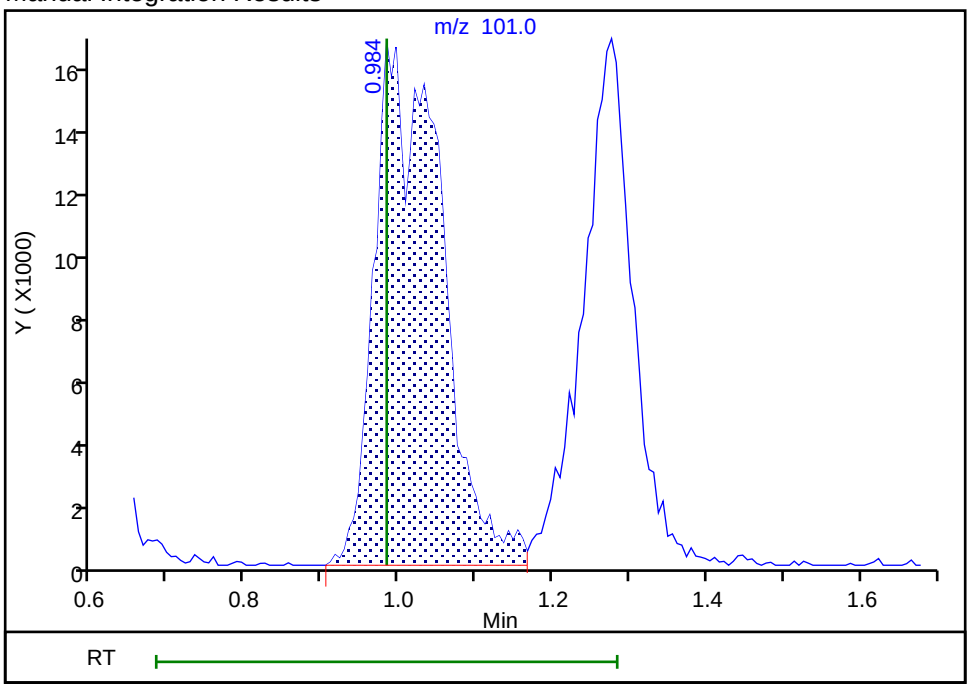
Processing Integration Results

RT: 1.28
Area: 75117
Amount: 18.308554
Amount Units: ug/l



Manual Integration Results

RT: 0.98
Area: 99371
Amount: 24.220074
Amount Units: ug/l



Reviewer: martineze, 31-May-2022 13:23:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

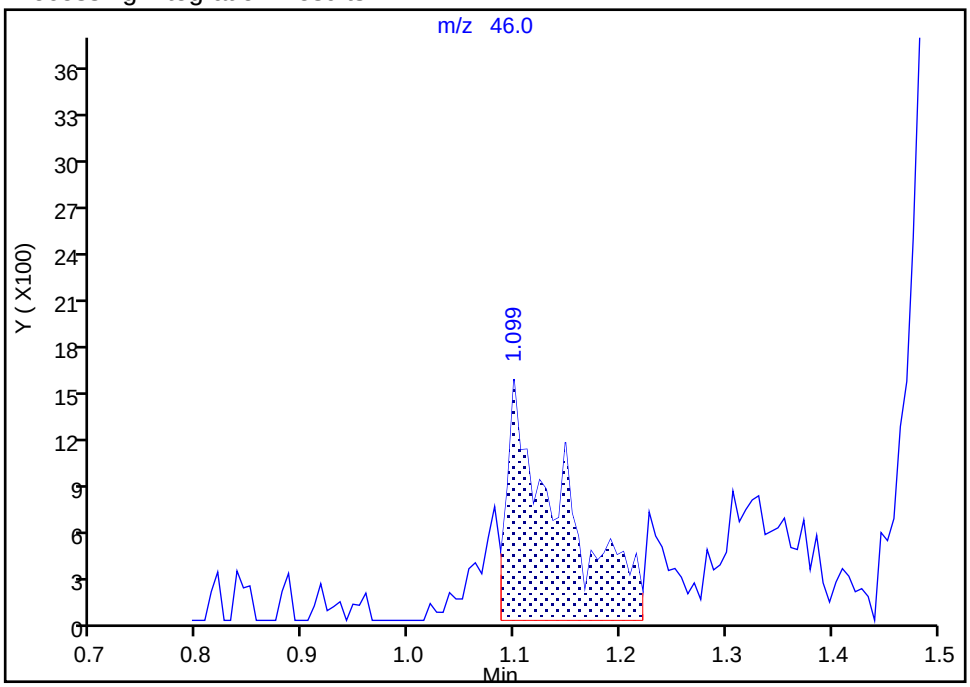
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Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

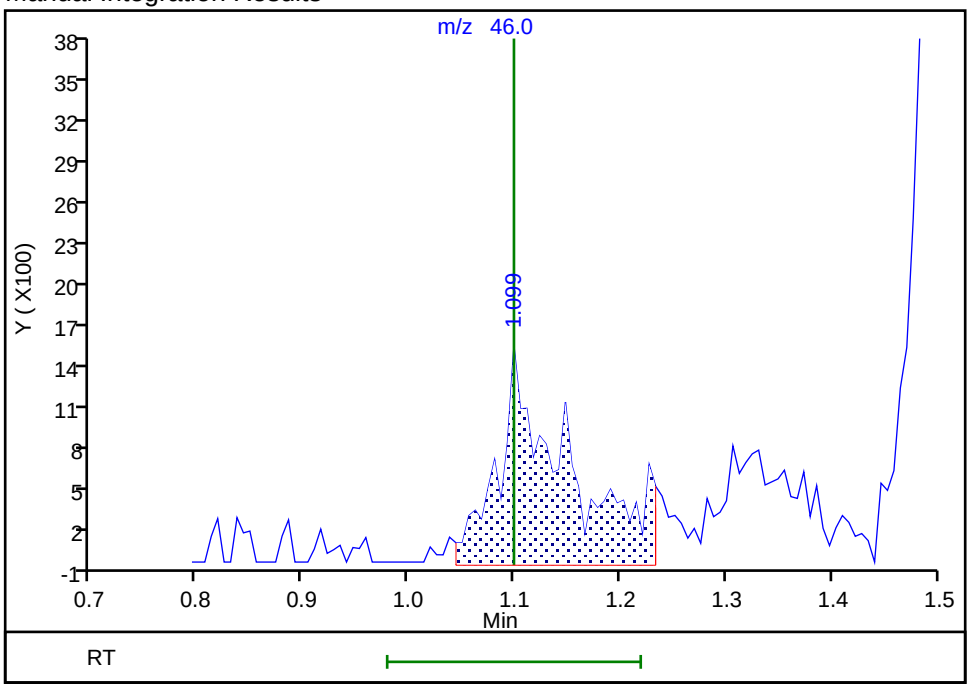
Processing Integration Results

RT: 1.10
Area: 5505
Amount: 585.7972
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 7170
Amount: 762.9729
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:46:37
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

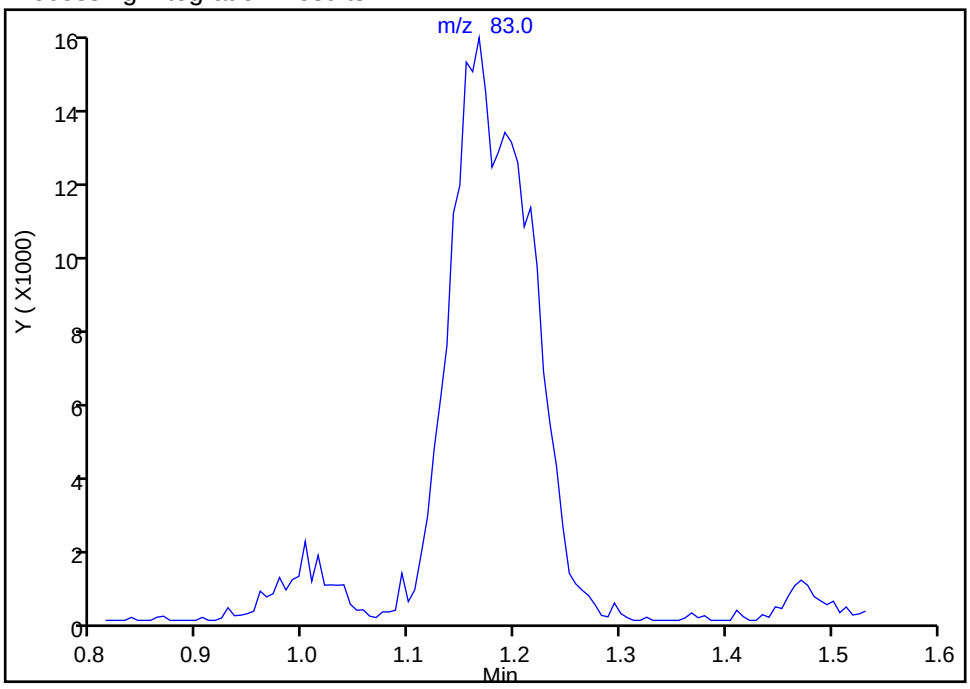
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Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

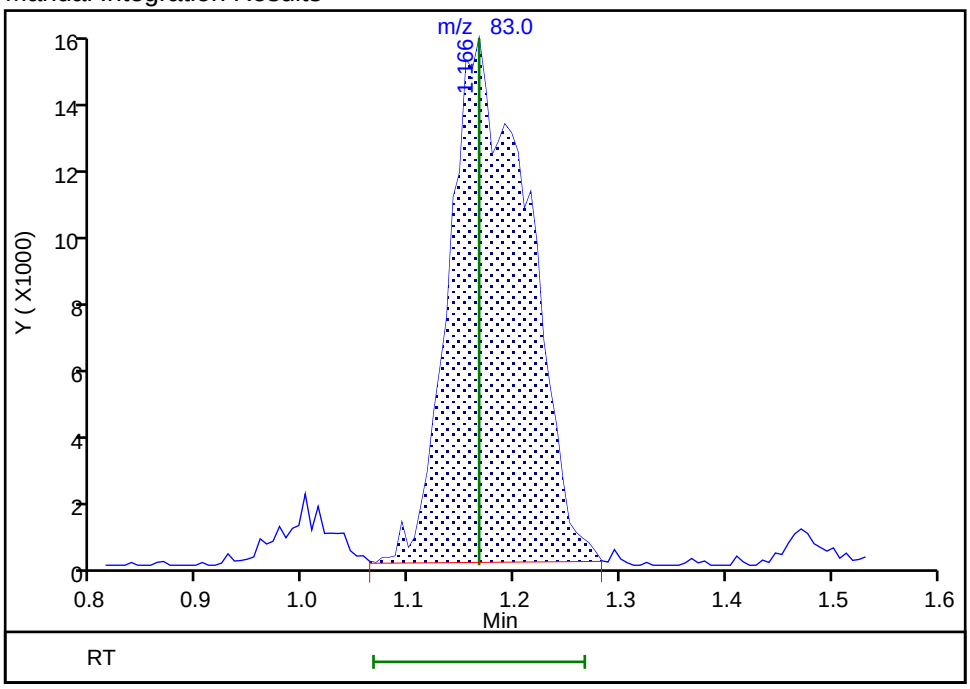
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 79040
Amount: 20.660092
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:46:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

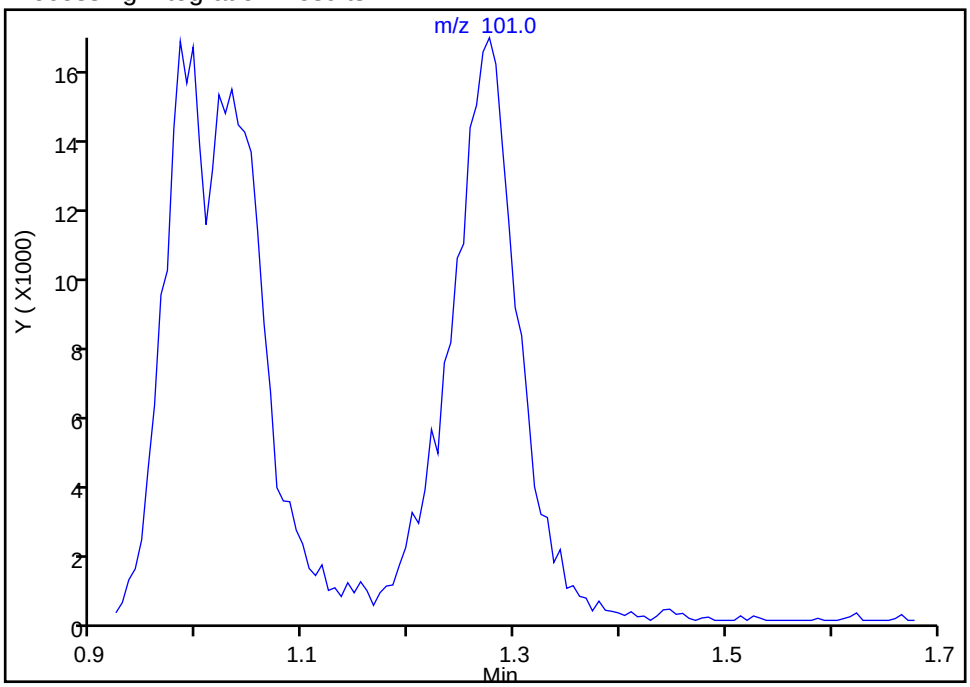
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Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

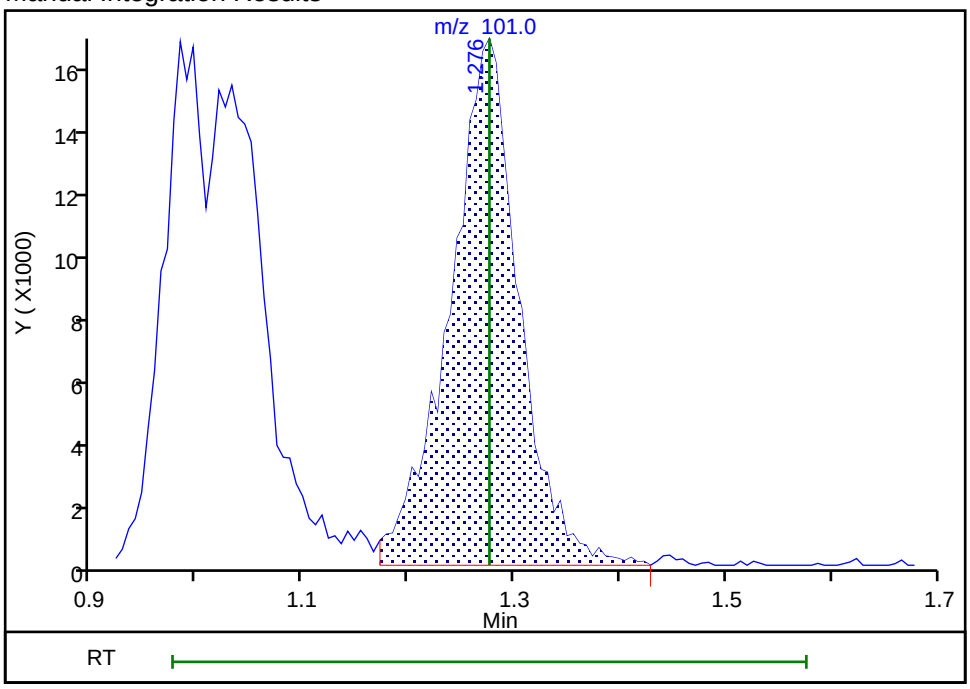
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 74961
Amount: 25.630996
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:46:46
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

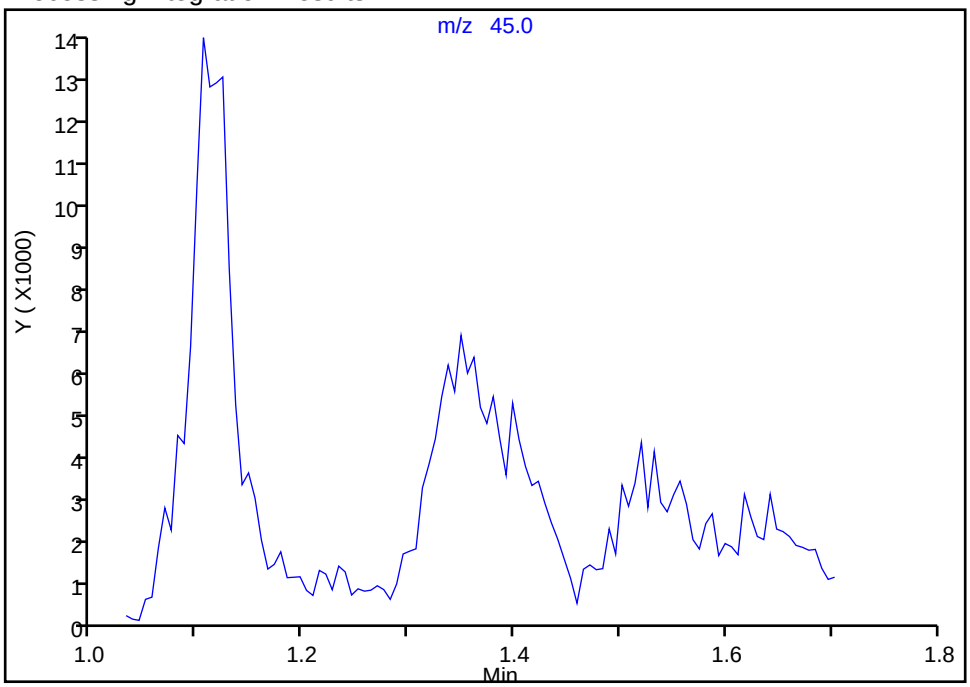
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

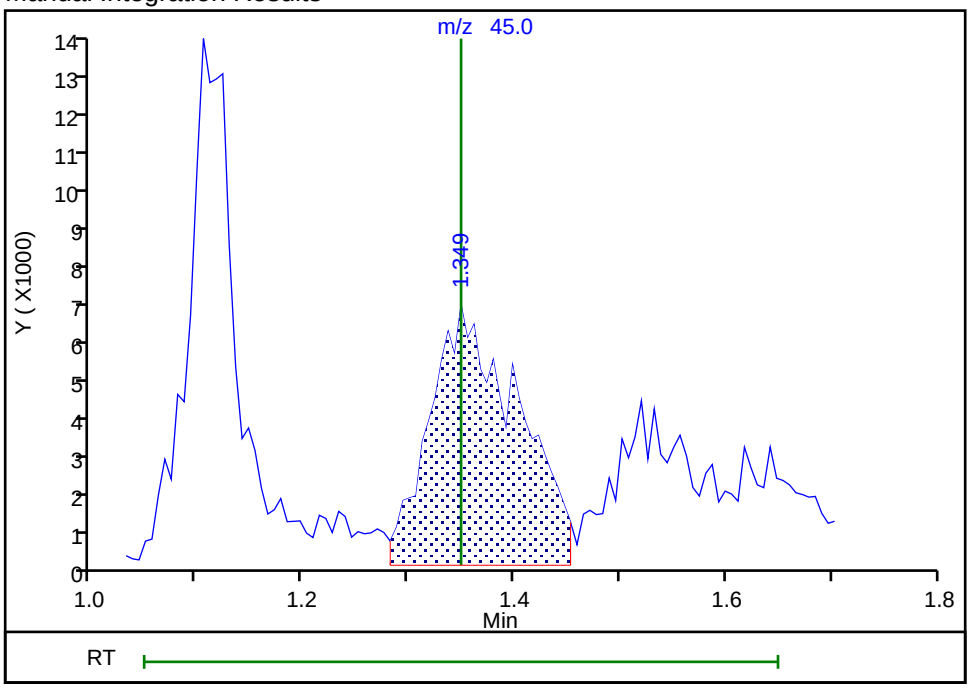
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 39194
Amount: 168.1662
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:47:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

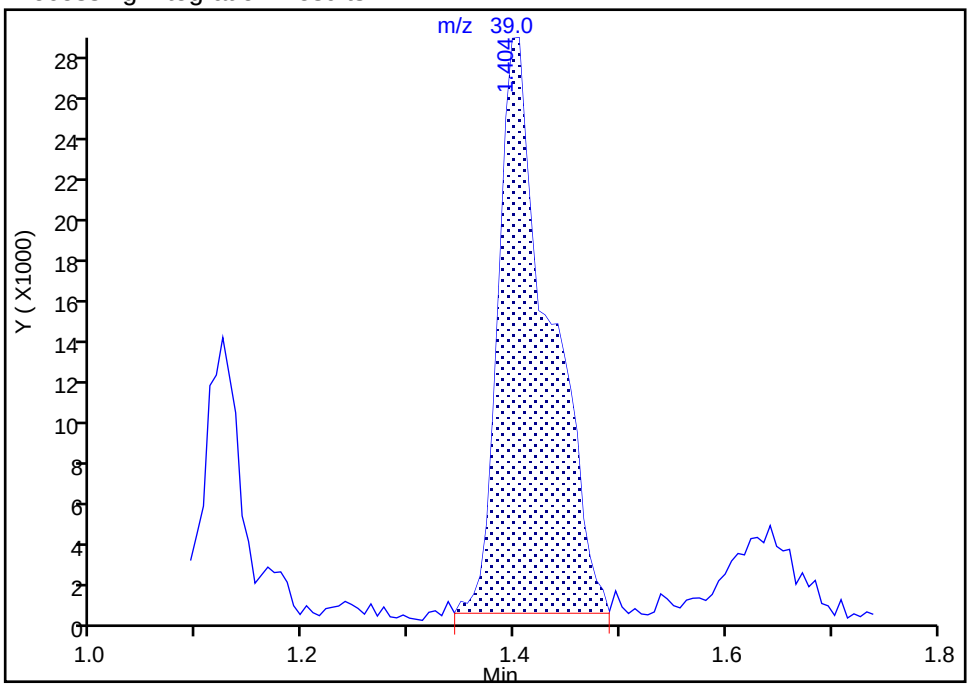
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

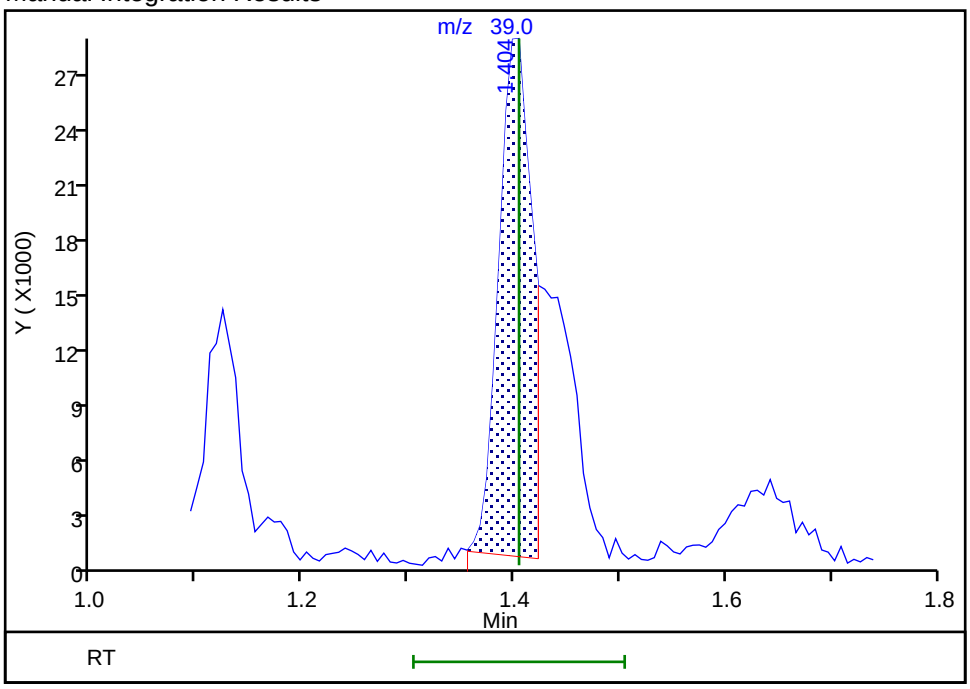
Processing Integration Results

RT: 1.40
Area: 93574
Amount: 33.143724
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 61415
Amount: 21.753070
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:47:19
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

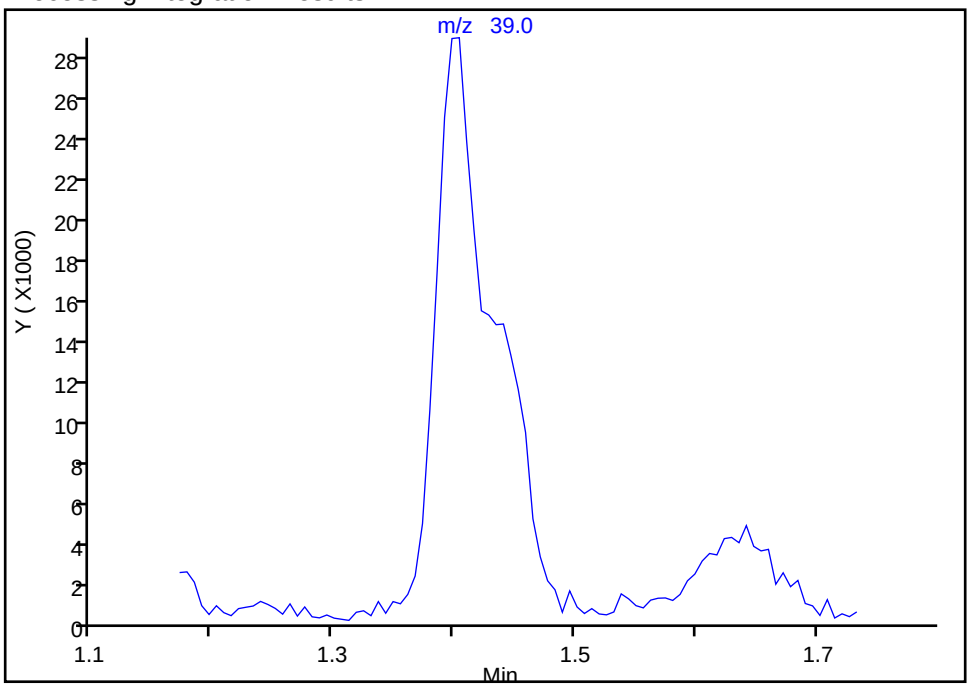
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

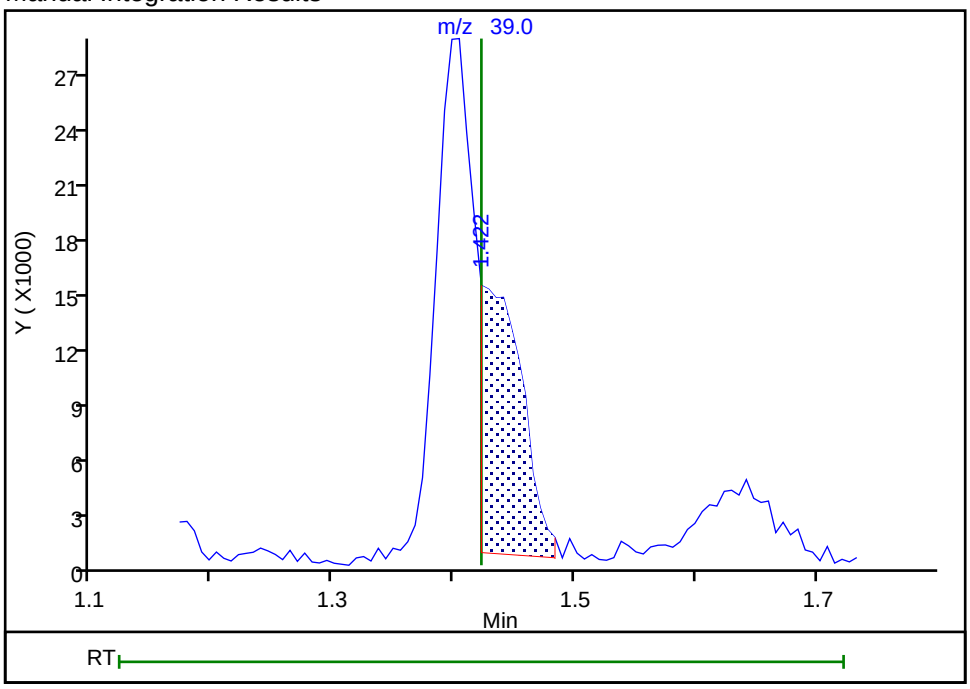
Not Detected
Expected RT: 1.42

Processing Integration Results



Manual Integration Results

RT: 1.42
Area: 35637
Amount: 180.0313
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:47:40
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

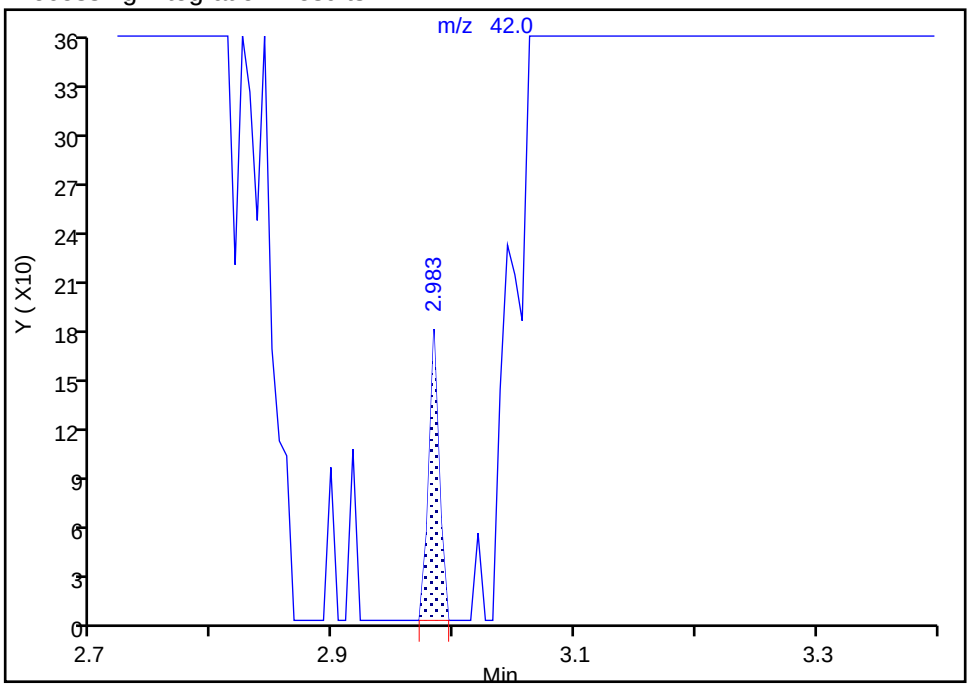
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

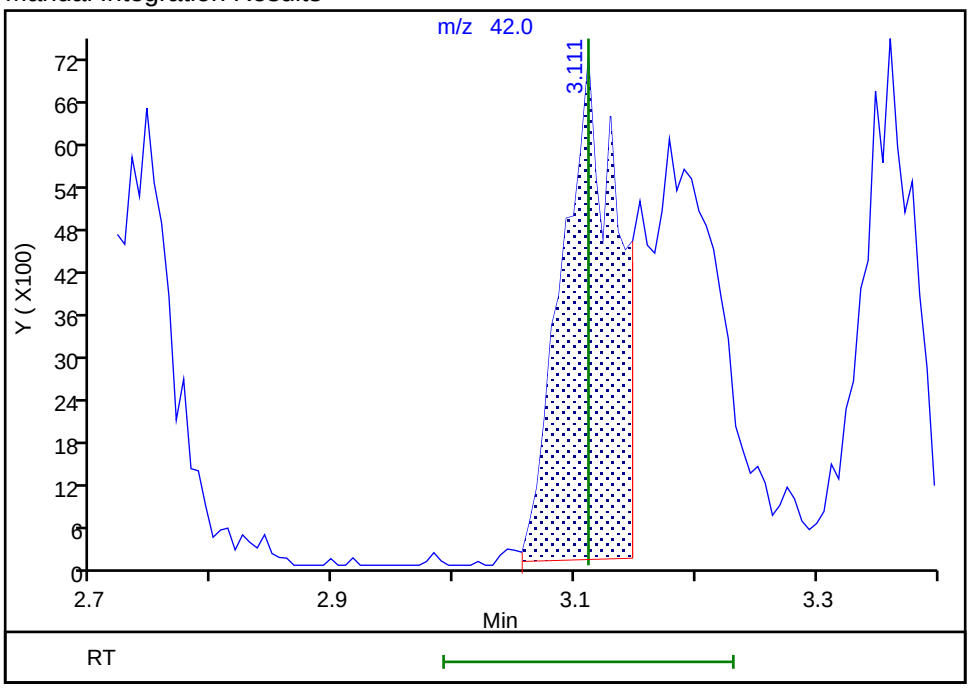
Processing Integration Results

RT: 2.98
Area: 106
Amount: 1.110967
Amount Units: ug/l



Manual Integration Results

RT: 3.11
Area: 22889
Amount: 238.5003
Amount Units: ug/l



Reviewer: delpolitov, 01-Jun-2022 21:26:54
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

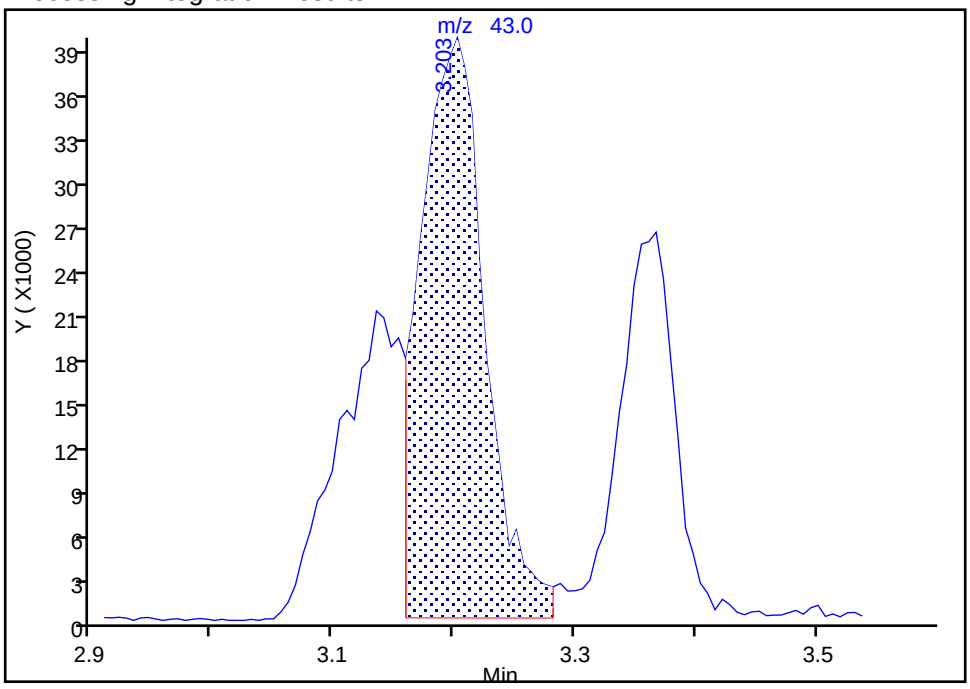
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

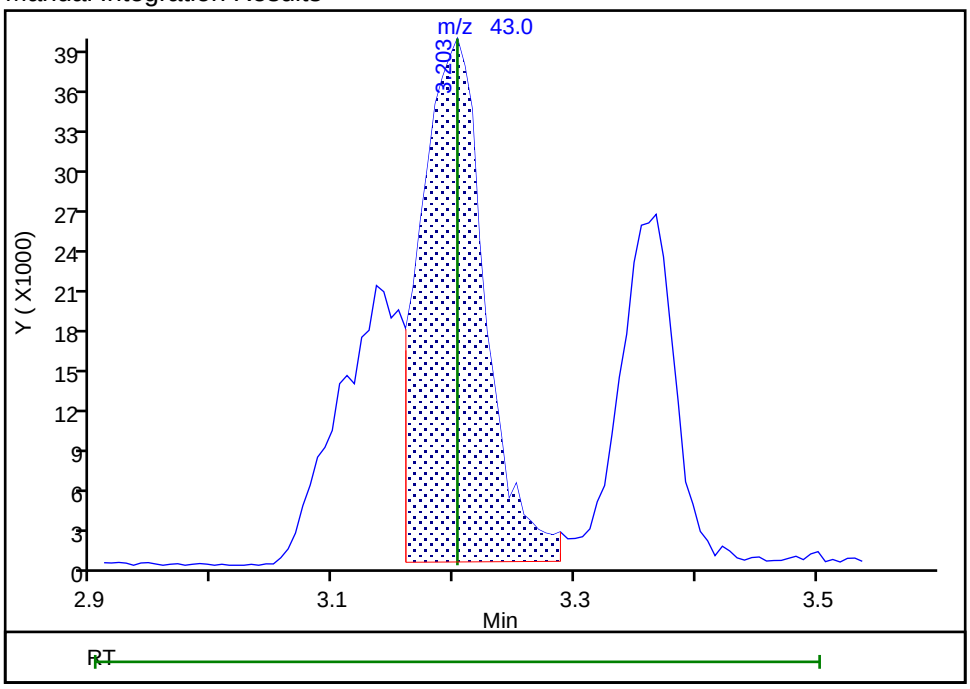
Processing Integration Results

RT: 3.20
Area: 148959
Amount: 14.935945
Amount Units: ug/l



Manual Integration Results

RT: 3.20
Area: 149032
Amount: 14.943264
Amount Units: ug/l



Reviewer: delpolitov, 01-Jun-2022 21:27:05
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

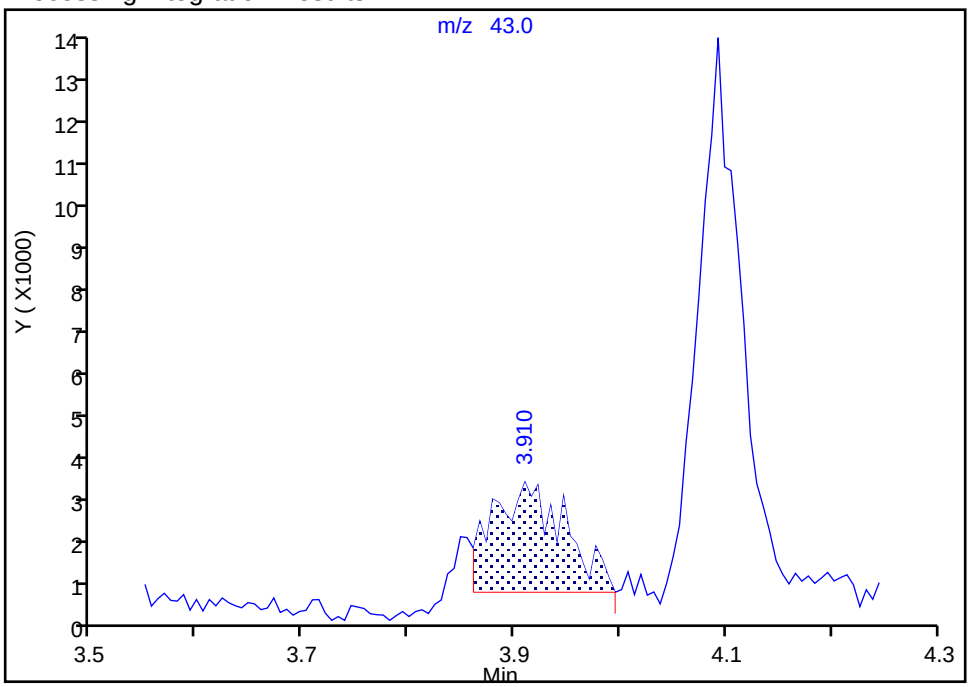
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

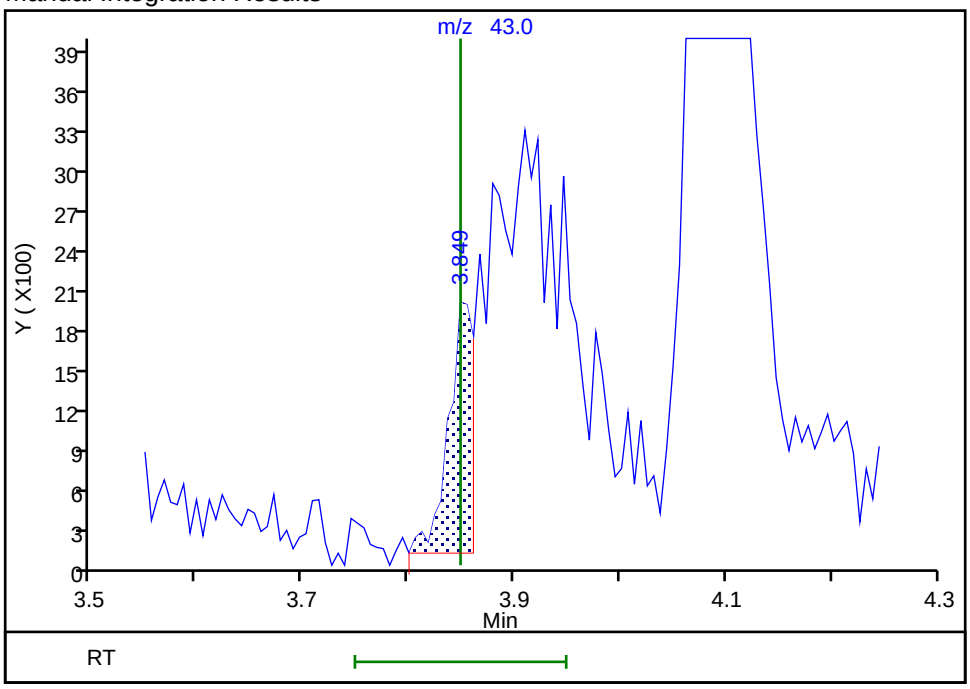
Processing Integration Results

RT: 3.91
Area: 12305
Amount: 409.3345
Amount Units: ug/l



Manual Integration Results

RT: 3.85
Area: 3124
Amount: 105.7149
Amount Units: ug/l



Reviewer: delpolitov, 01-Jun-2022 21:27:13
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

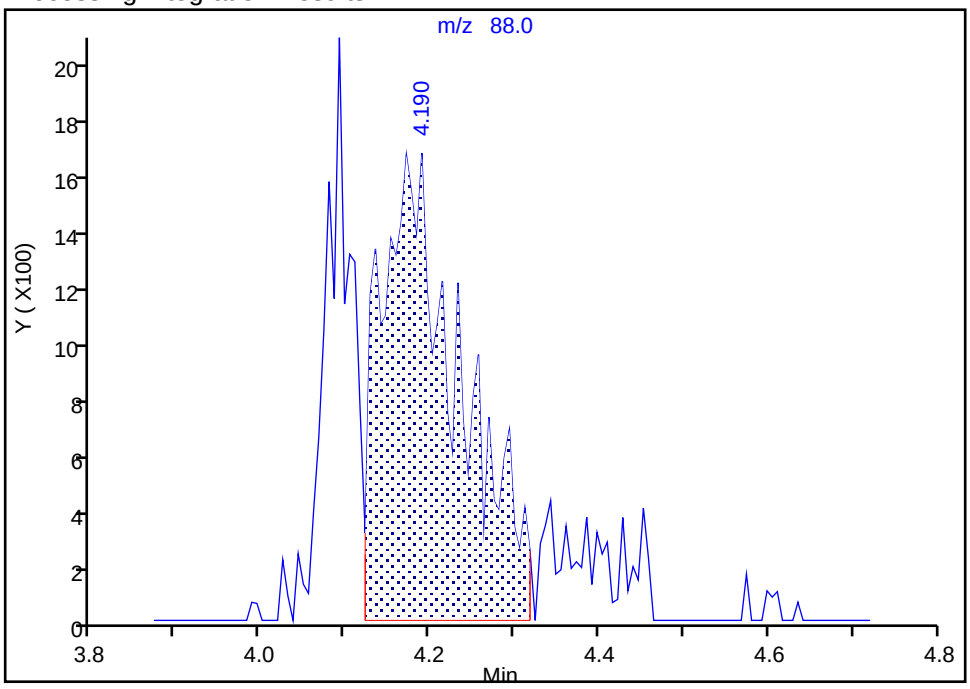
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

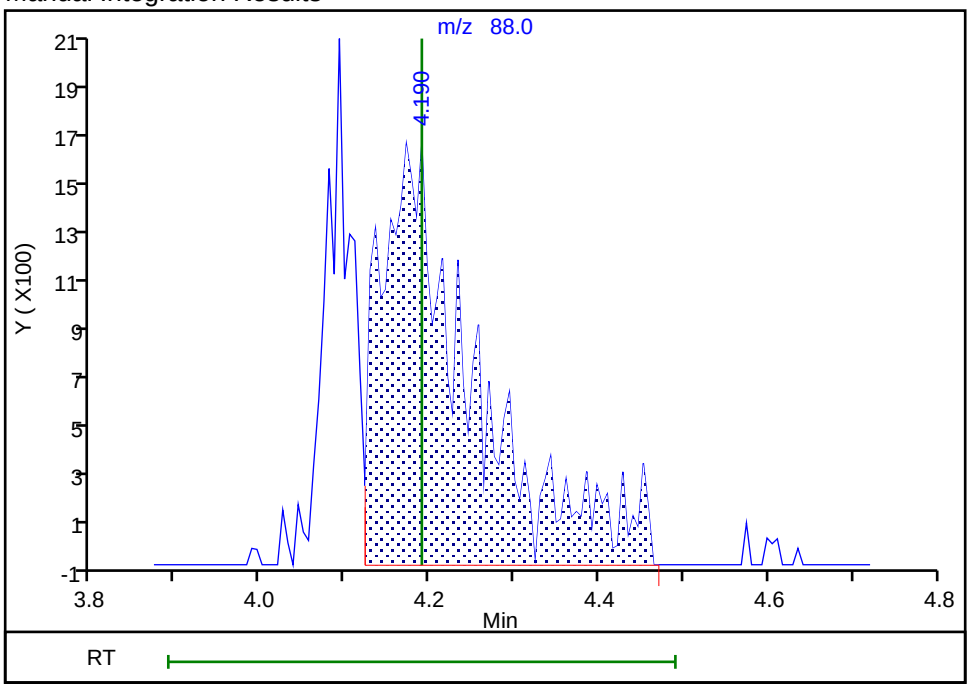
Processing Integration Results

RT: 4.19
Area: 10497
Amount: 306.5227
Amount Units: ug/l



Manual Integration Results

RT: 4.19
Area: 12394
Amount: 361.9170
Amount Units: ug/l



Reviewer: delpolitov, 01-Jun-2022 21:27:28
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

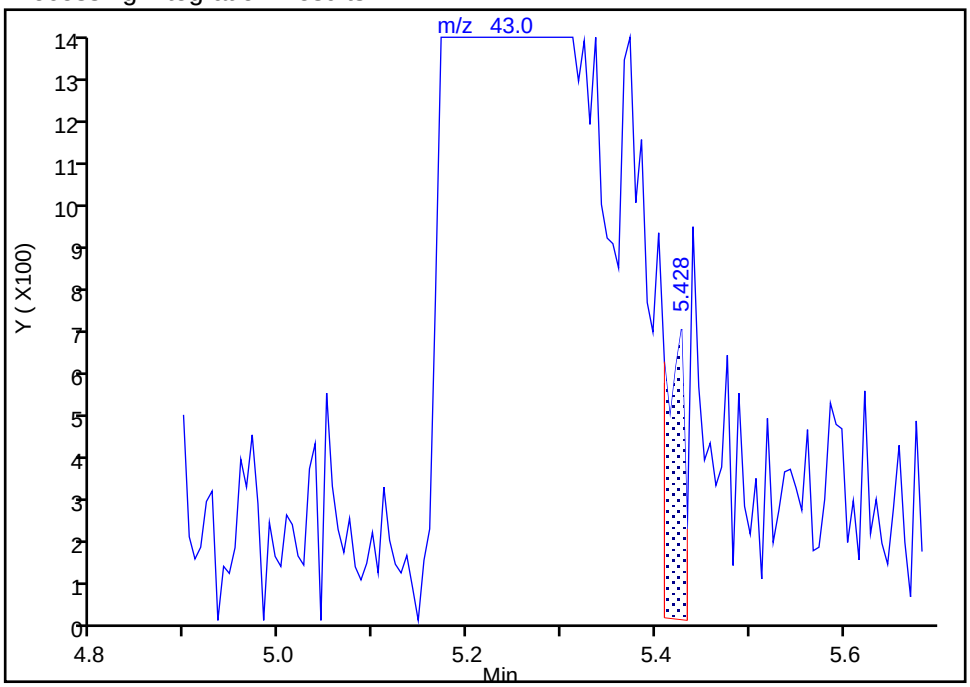
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

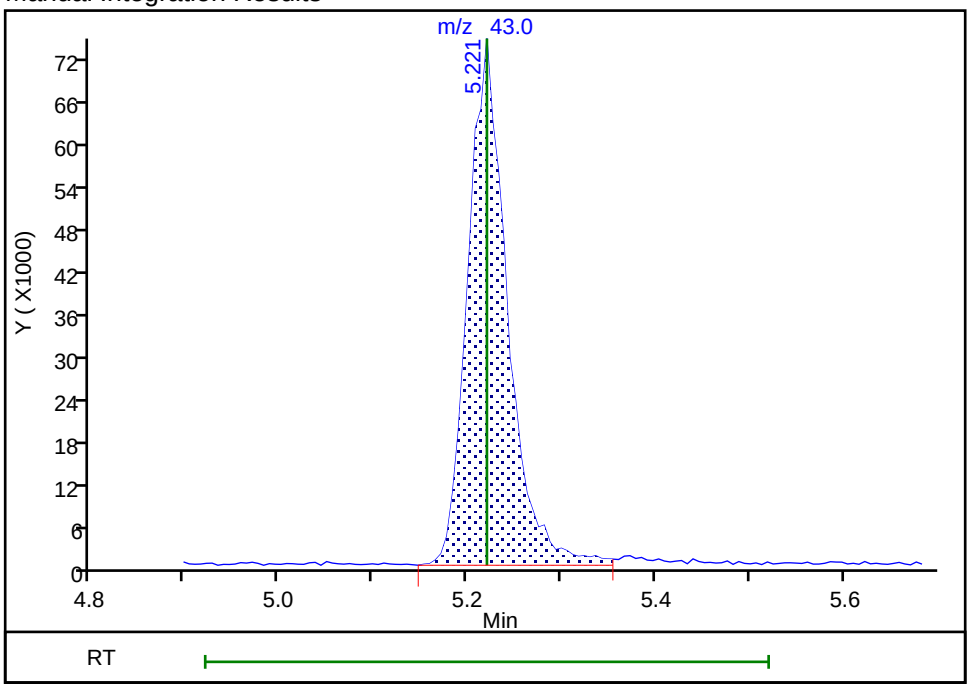
Processing Integration Results

RT: 5.43
Area: 915
Amount: 0.437018
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 216846
Amount: 103.5689
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:48:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

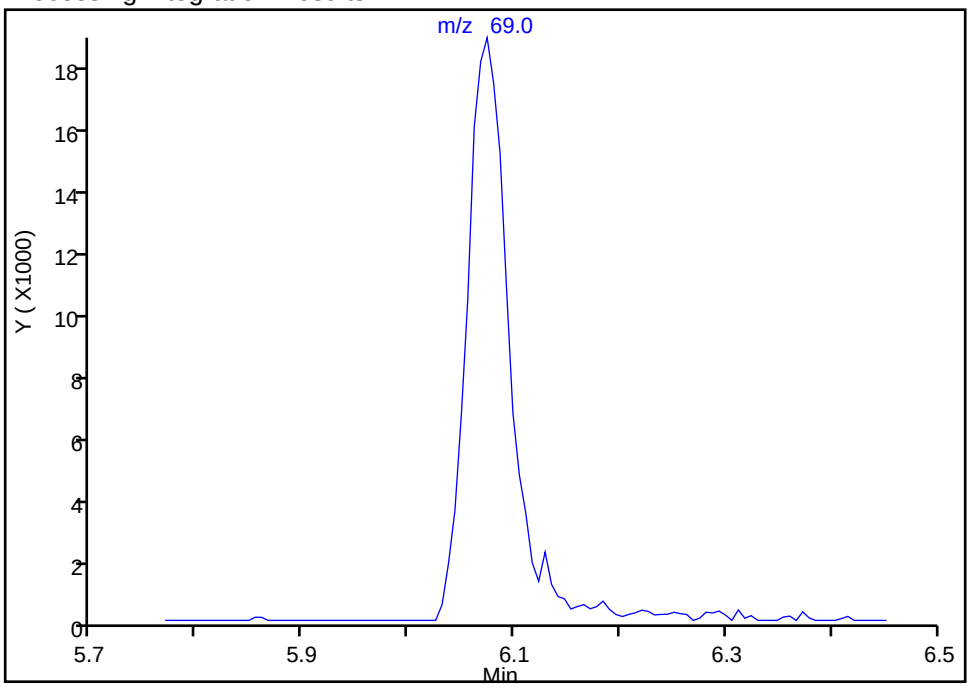
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

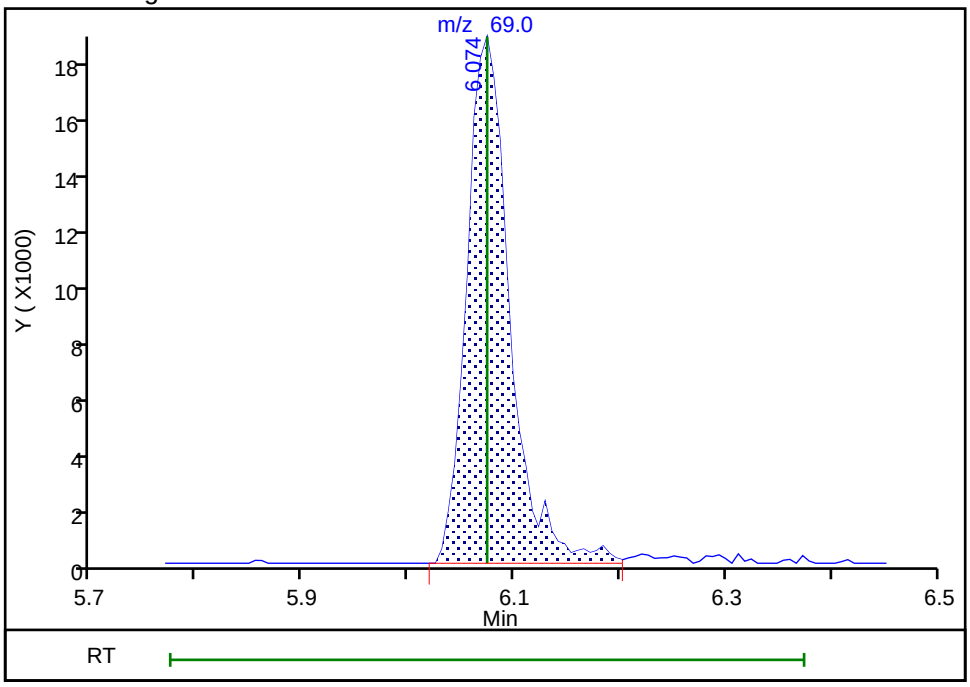
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.07
Area: 52995
Amount: 18.787215
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:48:38
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

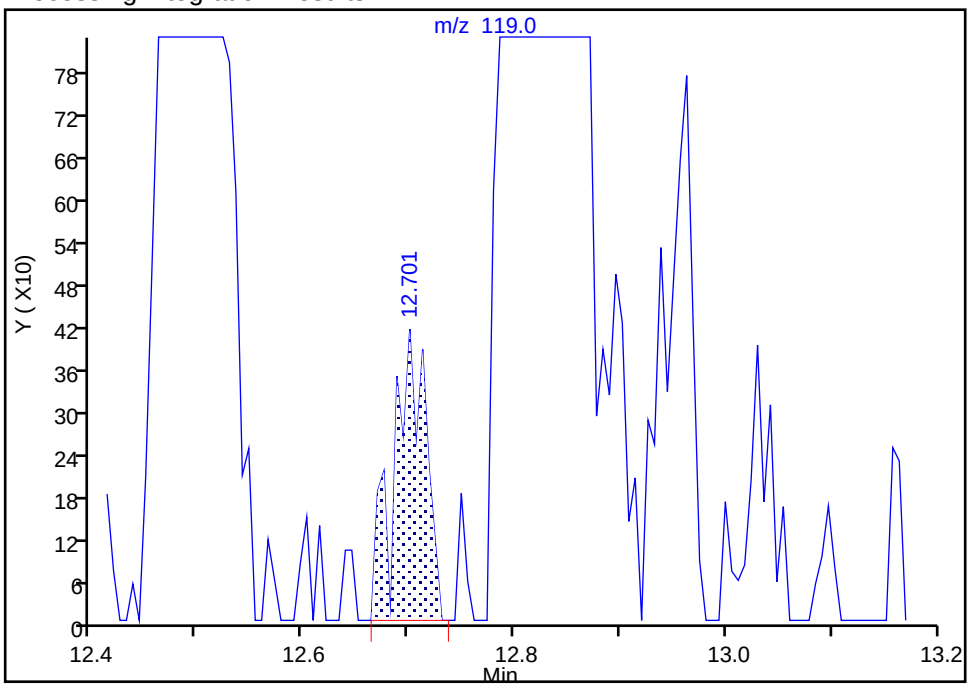
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88096.D
Injection Date: 31-May-2022 05:57:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

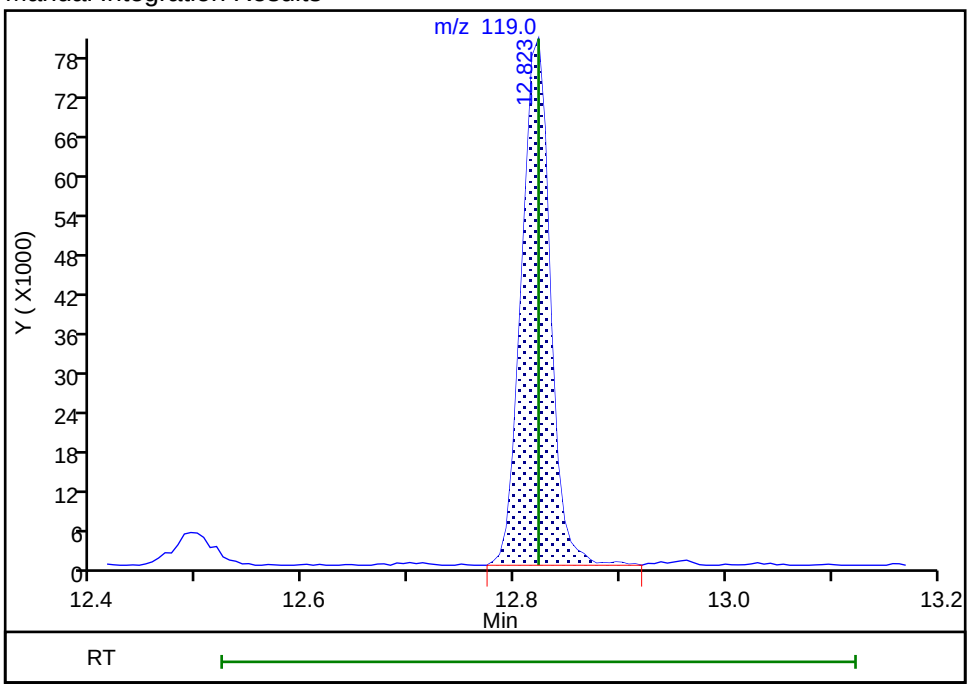
Processing Integration Results

RT: 12.70
Area: 867
Amount: 0.108962
Amount Units: ug/l



Manual Integration Results

RT: 12.82
Area: 151404
Amount: 19.028010
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:48:55
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-846571/17 Calibration Date: 05/25/2022 16:55

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34464.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0916		9.48	20.0	-52.6*	30.0
Dichlorodifluoromethane	Ave	0.5834	0.5051	0.1000	17.3	20.0	-13.4	30.0
Chlorodifluoromethane	QuaF		0.0694		16.6	20.0	-16.9	30.0
Chloromethane	Ave	0.4673	0.5428	0.1000	23.2	20.0	16.2	30.0
Butadiene	Ave	0.3624	0.3154		17.4	20.0	-13.0	30.0
Vinyl chloride	Ave	0.4261	0.4050	0.1000	19.0	20.0	-4.9	30.0
Bromomethane	Ave	0.3548	0.3977	0.1000	22.4	20.0	12.1	30.0
Chloroethane	Ave	0.2139	0.2190	0.1000	20.5	20.0	2.3	30.0
Dichlorofluoromethane	Ave	0.6050	0.6243		20.6	20.0	3.2	30.0
Pentane	Lin2		1.276		41.2	40.0	3.0	30.0
Trichlorofluoromethane	Ave	0.6265	0.5633	0.1000	18.0	20.0	-10.1	30.0
Ethyl ether	Ave	0.2192	0.2165		19.8	20.0	-1.2	30.0
Ethanol	Ave	0.0635	0.0825		1040	800	29.9	30.0
2-Methyl-1,3-butadiene	Ave	0.2556	0.2226		17.4	20.0	-12.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3203	0.2996		18.7	20.0	-6.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4851	0.3952		16.3	20.0	-18.5	30.0
Acrolein	Ave	0.5999	1.250		626	300	108.4*	30.0
1,1-Dichloroethene	Ave	0.3216	0.2808	0.1000	17.5	20.0	-12.7	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3915	0.3475	0.1000	17.8	20.0	-11.2	30.0
Acetone	QuaF		1.000	0.0500	74.7	100	-25.3	30.0
Iodomethane	Ave	0.7379	0.7244		19.6	20.0	-1.8	30.0
Isopropyl alcohol	Ave	0.6618	0.7187		217	200	8.6	30.0
Carbon disulfide	Ave	1.185	1.073	0.1000	18.1	20.0	-9.5	30.0
3-Chloro-1-propene	Ave	0.4135	0.3537		17.1	20.0	-14.4	30.0
Methyl acetate	Ave	5.453	4.954	0.1000	36.3	40.0	-9.2	30.0
Acetonitrile	QuaF		0.5727		207	200	3.6	30.0
Cyclopentene	Ave	0.7702	0.6502		16.9	20.0	-15.6	30.0
Methylene Chloride	Ave	0.3951	0.3754	0.1000	19.0	20.0	-5.0	30.0
2-Methyl-2-propanol	Ave	1.557	1.411		181	200	-9.4	30.0
Acrylonitrile	Ave	0.1070	0.1038		194	200	-3.0	30.0
trans-1,2-Dichloroethene	Ave	0.3520	0.3332	0.1000	18.9	20.0	-5.4	30.0
Methyl tert-butyl ether	Ave	0.9617	0.9597	0.1000	20.0	20.0	-0.2	30.0
Hexane	Qua2		0.1982		15.1	20.0	-24.3	30.0
1,1-Dichloroethane	Ave	0.5562	0.5093	0.2000	18.3	20.0	-8.4	30.0
Vinyl acetate	Qua2		1.367		39.1	40.0	-2.2	30.0
Isopropyl ether	Ave	0.9827	0.9283		18.9	20.0	-5.5	30.0
2-Chloro-1,3-butadiene	Ave	0.3104	0.2571		16.6	20.0	-17.2	30.0
Tert-butyl ethyl ether	Ave	0.4525	0.4303		19.0	20.0	-4.9	30.0
2-Butanone (MEK)	Qua2		0.3884	0.0500	94.3	100	-5.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-846571/17 Calibration Date: 05/25/2022 16:55

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34464.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.4042	0.3701	0.1000	18.3	20.0	-8.4	30.0
2,2-Dichloropropane	Ave	0.1972	0.1776		18.0	20.0	-9.9	30.0
Ethyl acetate	Ave	0.3126	0.3181		40.7	40.0	1.8	30.0
Propionitrile	Ave	1.256	1.129		180	200	-10.1	30.0
Methyl acrylate	Ave	0.3066	0.2652		17.3	20.0	-13.5	30.0
Methacrylonitrile	Ave	0.1192	0.1111		186	200	-6.8	30.0
Chlorobromomethane	Ave	0.2267	0.2067		18.2	20.0	-8.8	30.0
Tetrahydrofuran	Ave	0.5015	0.4827		38.5	40.0	-3.8	30.0
Chloroform	Ave	0.6339	0.5762	0.2000	18.2	20.0	-9.1	30.0
1,1,1-Trichloroethane	Ave	0.6117	0.5516	0.1000	18.0	20.0	-9.8	30.0
Cyclohexane	Ave	0.5415	0.4656	0.1000	17.2	20.0	-14.0	30.0
1,1-Dichloropropene	Ave	0.4326	0.3552		16.4	20.0	-17.9	30.0
Carbon tetrachloride	Ave	0.5397	0.4638	0.1000	17.2	20.0	-14.1	30.0
Benzene	Ave	1.664	1.503	0.5000	18.1	20.0	-9.6	30.0
Isobutyl alcohol	Ave	0.1397	0.1293		463	500	-7.5	30.0
1,2-Dichloroethane	Ave	0.4382	0.3713	0.1000	16.9	20.0	-15.3	30.0
Isooctane	Ave	1.196	0.9482		15.9	20.0	-20.7	30.0
Isopropyl acetate	Ave	0.1157	0.1095		18.9	20.0	-5.4	30.0
Tert-amyl methyl ether	Ave	1.064	1.004		18.9	20.0	-5.6	30.0
n-Heptane	Ave	0.4651	0.3472		14.9	20.0	-25.4	30.0
n-Butanol	QuaF		0.2851		527	500	5.4	30.0
Trichloroethene	Ave	0.3450	0.2966	0.2000	17.2	20.0	-14.0	30.0
Ethyl acrylate	Ave	0.3242	0.2911		18.0	20.0	-10.2	30.0
Methylcyclohexane	Ave	0.6520	0.5255	0.1000	16.1	20.0	-19.4	30.0
1,2-Dichloropropane	Ave	0.3204	0.2820	0.1000	17.6	20.0	-12.0	30.0
Dibromomethane	QuaF		0.2056		18.5	20.0	-7.3	30.0
Methyl methacrylate	Ave	0.1893	0.1755		37.1	40.0	-7.3	30.0
1,4-Dioxane	Ave	1.485	1.576		425	400	6.2	30.0
n-Propyl acetate	Ave	0.3464	0.3319		19.2	20.0	-4.2	30.0
Dichlorobromomethane	Ave	0.4576	0.3901	0.2000	17.1	20.0	-14.7	30.0
2-Nitropropane	QuaF		0.0606		37.9	40.0	-5.2	30.0
2-Chloroethyl vinyl ether	Ave	0.0412	0.0342		16.6	20.0	-17.0	30.0
Epichlorohydrin	Ave	0.3016	0.2938		19.5	20.0	-2.6	30.0
cis-1,3-Dichloropropene	Ave	0.6388	0.5425	0.2000	17.0	20.0	-15.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	3.182	3.060	0.0500	96.2	100	-3.8	30.0
Toluene	Ave	1.780	1.559	0.4000	17.5	20.0	-12.4	30.0
trans-1,3-Dichloropropene	Ave	0.5566	0.4991	0.1000	17.9	20.0	-10.3	30.0
Ethyl methacrylate	Ave	0.5024	0.4393		17.5	20.0	-12.6	30.0
1,1,2-Trichloroethane	Ave	0.2855	0.2656	0.1000	18.6	20.0	-7.0	30.0
Tetrachloroethene	Ave	0.4731	0.4038	0.2000	17.1	20.0	-14.6	30.0
1,3-Dichloropropane	Ave	0.5318	0.4809		18.1	20.0	-9.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-846571/17 Calibration Date: 05/25/2022 16:55

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34464.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.871	1.813	0.0500	96.9	100	-3.1	30.0
Chlorodibromomethane	Ave	0.4665	0.3973	0.1000	17.0	20.0	-14.8	30.0
n-Butyl acetate	Ave	0.5252	0.4696		17.9	20.0	-10.6	30.0
Ethylene Dibromide	Ave	0.3888	0.3453	0.1000	17.8	20.0	-11.2	30.0
Chlorobenzene	Ave	1.160	1.056	0.5000	18.2	20.0	-9.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.5584	0.5041		18.1	20.0	-9.7	30.0
Ethylbenzene	Ave	0.6686	0.5862	0.1000	17.5	20.0	-12.3	30.0
m-Xylene & p-Xylene	Ave	0.8474	0.7248	0.1000	17.1	20.0	-14.5	30.0
o-Xylene	Ave	0.8865	0.8130	0.3000	18.3	20.0	-8.3	30.0
Styrene	Ave	1.335	1.153	0.3000	17.3	20.0	-13.6	30.0
n-Butyl acrylate	QuaF		0.2957		21.7	20.0	8.5	30.0
Bromoform	Ave	0.3239	0.2652	0.1000	16.4	20.0	-18.1	30.0
Amyl acetate (mixed isomers)	Ave	0.9592	0.9713		20.3	20.0	1.3	30.0
Isopropylbenzene	Ave	2.319	2.089	0.1000	18.0	20.0	-9.9	30.0
Bromobenzene	Ave	0.9752	0.8527		17.5	20.0	-12.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9356	0.8553	0.3000	18.3	20.0	-8.6	30.0
1,2,3-Trichloropropane	Ave	0.2659	0.2412		18.1	20.0	-9.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2060	0.1850		18.0	20.0	-10.2	30.0
N-Propylbenzene	Ave	4.302	3.764		17.5	20.0	-12.5	30.0
2-Chlorotoluene	Ave	2.569	2.298		17.9	20.0	-10.5	30.0
4-Ethyltoluene	Ave	3.667	3.260		17.8	20.0	-11.1	30.0
4-Chlorotoluene	Ave	2.778	2.460		17.7	20.0	-11.4	30.0
1,3,5-Trimethylbenzene	Ave	3.386	3.032		17.9	20.0	-10.5	30.0
Butyl Methacrylate	Ave	0.9621	0.9393		19.5	20.0	-2.4	30.0
tert-Butylbenzene	Ave	2.655	2.268		17.1	20.0	-14.6	30.0
1,2,4-Trimethylbenzene	Ave	3.656	3.177		17.4	20.0	-13.1	30.0
sec-Butylbenzene	Ave	4.296	3.735		17.4	20.0	-13.1	30.0
1,3-Dichlorobenzene	Ave	1.837	1.679	0.6000	18.3	20.0	-8.6	30.0
4-Isopropyltoluene	Ave	3.769	3.416		18.1	20.0	-9.4	30.0
1,4-Dichlorobenzene	Ave	1.809	1.693	0.5000	18.7	20.0	-6.4	30.0
1,2,3-Trimethylbenzene	Ave	3.789	3.502		18.5	20.0	-7.6	30.0
Benzyl chloride	Ave	1.728	1.624		18.8	20.0	-6.0	30.0
Indan	Ave	3.480	3.314		19.0	20.0	-4.8	30.0
1,2-Dichlorobenzene	Ave	1.910	1.807	0.4000	18.9	20.0	-5.4	30.0
p-Diethylbenzene	Ave	1.977	2.155		21.8	20.0	9.0	30.0
n-Butylbenzene	Ave	1.917	1.700		17.7	20.0	-11.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.907	3.684		18.9	20.0	-5.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2730	0.2384	0.0500	17.5	20.0	-12.7	30.0
1,3,5-Trichlorobenzene	Ave	1.648	1.583		19.2	20.0	-4.0	30.0
1,2,4-Trichlorobenzene	Ave	1.569	1.550	0.2000	19.8	20.0	-1.2	30.0
Hexachlorobutadiene	Ave	0.6752	0.6410		19.0	20.0	-5.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-846571/17 Calibration Date: 05/25/2022 16:55

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34464.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	3.924	3.963		20.2	20.0	1.0	30.0
1,2,3-Trichlorobenzene	Ave	1.568	1.569		20.0	20.0	0.1	30.0
Dibromofluoromethane (Surr)	Ave	0.3273	0.3296		50.4	50.0	0.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2981	0.2869		48.1	50.0	-3.8	30.0
Toluene-d8 (Surr)	Ave	1.440	1.456		50.5	50.0	1.1	30.0
4-Bromofluorobenzene	Ave	0.4769	0.4836		50.7	50.0	1.4	30.0

Report Date: 27-May-2022 12:16:51 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 25-May-2022 16:55:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0145738-017
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-May-2022 12:11:00 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: baronm Date: 27-May-2022 11:46:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.050	0.910	0.140	70	6531	NC	NC	a
2 Chlorotrifluoroethene	116	1.110	1.110	0.000	55	15058	20.0	9.48	
3 1,1-Difluoroethane	65	1.105	1.110	-0.005	99	24986	NC	NC	
4 Dichlorodifluoromethane	85	1.126	1.137	-0.011	97	83034	20.0	17.3	
5 Chlorodifluoromethane	67	1.137	1.137	0.000	96	11409	20.0	16.6	a
6 Chloromethane	50	1.246	1.257	-0.011	99	89247	20.0	23.2	
7 Butadiene	54	1.306	1.312	-0.006	92	51852	20.0	17.4	
8 Vinyl chloride	62	1.323	1.328	-0.005	98	66586	20.0	19.0	
9 Bromomethane	94	1.519	1.525	-0.006	98	65390	20.0	22.4	
10 Chloroethane	64	1.547	1.552	-0.005	95	35999	20.0	20.5	
11 Dichlorofluoromethane	67	1.678	1.694	-0.016	98	102639	20.0	20.6	
13 Pentane	72	1.732	1.732	0.000	94	15620	40.0	41.2	
12 Trichlorofluoromethane	101	1.743	1.749	-0.005	56	92618	20.0	18.0	
15 Ethyl ether	59	1.863	1.863	0.000	93	35600	20.0	19.8	
14 Ethanol	46	1.879	1.863	0.016	67	20201	800.0	1038.9	
16 2-Methyl-1,3-butadiene	53	1.885	1.885	0.000	92	36597	20.0	17.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.896	1.907	-0.011	76	49255	20.0	18.7	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.928	1.950	-0.022	89	64968	20.0	16.3	Ma
19 Acrolein	56	1.956	1.950	0.006	97	114942	300.4	626.1	E
21 1,1-Dichloroethene	96	2.021	2.027	-0.006	97	46169	20.0	17.5	
22 Acetone	43	2.065	2.060	0.005	74	71387	100.0	74.7	
20 112TCTFE	101	2.059	2.065	-0.006	97	57135	20.0	17.8	
23 Iodomethane	142	2.125	2.136	-0.011	99	119090	20.0	19.6	
24 Isopropyl alcohol	45	2.163	2.152	0.011	25	43990	200.0	217.2	
25 Carbon disulfide	76	2.179	2.185	-0.006	99	176367	20.0	18.1	
26 3-Chloro-1-propene	39	2.267	2.267	0.000	91	58158	20.0	17.1	
27 Methyl acetate	43	2.283	2.283	0.000	97	60643	40.0	36.3	
29 Acetonitrile	41	2.321	2.327	-0.006	31	35054	200.0	207.2	a
28 Cyclopentene	67	2.332	2.332	0.000	95	106905	20.0	16.9	
31 Methylene Chloride	84	2.354	2.354	0.000	88	61718	20.0	19.0	

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	2.430	2.436	-0.006	97	306044	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.491	2.491	-0.001	46	86337	200.0	181.2	a
35 Acrylonitrile	53	2.529	2.529	0.000	95	170659	200.0	194.1	
34 trans-1,2-Dichloroethene	96	2.556	2.556	0.000	94	54781	20.0	18.9	
33 Methyl tert-butyl ether	73	2.567	2.562	0.005	96	157782	20.0	20.0	
36 Hexane	43	2.769	2.769	0.000	91	32581	20.0	15.1	
38 1,1-Dichloroethane	63	2.878	2.873	0.005	100	83726	20.0	18.3	
39 Vinyl acetate	86	2.922	2.916	0.006	99	16731	40.0	39.1	M
37 Isopropyl ether	45	2.943	2.949	-0.006	88	152617	20.0	18.9	
40 2-Chloro-1,3-butadiene	88	2.949	2.949	0.000	91	42273	20.0	16.6	
41 Tert-butyl ethyl ether	87	3.243	3.244	-0.001	90	70743	20.0	19.0	
* 42 2-Butanone-d5	46	3.287	3.325	-0.038	98	178504	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.353	3.353	0.000	98	60855	20.0	18.3	
46 2-Butanone (MEK)	72	3.342	3.375	-0.032	98	27735	100.0	94.3	a
43 2,2-Dichloropropane	79	3.364	3.380	-0.016	81	29206	20.0	18.0	
48 Propionitrile	54	3.418	3.424	-0.006	70	69107	200.0	179.8	
45 Ethyl acetate	70	3.402	3.435	-0.033	97	9085	40.0	40.7	
47 Methyl acrylate	55	3.429	3.462	-0.033	97	43601	20.0	17.3	a
51 Methacrylonitrile	67	3.549	3.560	-0.011	92	182656	200.0	186.4	
50 Chlorobromomethane	128	3.554	3.565	-0.011	79	33986	20.0	18.2	
49 Tetrahydrofuran	72	3.620	3.615	0.005	81	13785	40.0	38.5	
52 Chloroform	83	3.631	3.636	-0.005	99	94736	20.0	18.2	
$ 55 Dibromofluoromethane (Surr)	113	3.773	3.778	-0.005	96	135480	50.0	50.4	
54 1,1,1-Trichloroethane	97	3.811	3.822	-0.011	98	90687	20.0	18.0	
53 Cyclohexane	84	3.866	3.882	-0.016	89	76550	20.0	17.2	
57 1,1-Dichloropropene	75	3.958	3.964	-0.006	95	58396	20.0	16.4	
56 Carbon tetrachloride	117	3.975	3.975	0.000	98	76254	20.0	17.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.089	4.095	-0.006	0	117933	50.0	48.1	
58 Isobutyl alcohol	74	4.155	4.160	-0.005	95	19780	500.0	462.7	a
60 Benzene	78	4.155	4.160	-0.005	94	191150	20.0	18.1	
64 1,2-Dichloroethane	62	4.166	4.171	-0.005	59	61052	20.0	16.9	
62 Isopropyl acetate	61	4.253	4.269	-0.016	74	17995	20.0	18.9	a
59 Isooctane	57	4.253	4.275	-0.022	91	155892	20.0	15.9	
63 Tert-amyl methyl ether	73	4.291	4.297	-0.006	97	165026	20.0	18.9	
* 66 Fluorobenzene	96	4.433	4.439	-0.005	99	411017	50.0	50.0	
65 n-Heptane	43	4.455	4.455	0.000	81	57082	20.0	14.9	a
68 n-Butanol	56	4.777	4.793	-0.016	87	43621	500.0	527.1	
69 Trichloroethene	95	4.815	4.826	-0.011	97	48761	20.0	17.2	
70 Ethyl acrylate	55	4.951	4.968	-0.017	98	47856	20.0	18.0	a
71 Methylcyclohexane	83	5.044	5.050	-0.006	90	86394	20.0	16.1	
72 1,2-Dichloropropane	63	5.050	5.066	-0.016	74	46364	20.0	17.6	
* 73 1,4-Dioxane-d8	96	5.170	5.186	-0.016	37	25256	1000.0	1000.0	
77 Dibromomethane	93	5.175	5.186	-0.011	93	33801	20.0	18.5	
75 1,4-Dioxane	88	5.219	5.230	-0.011	31	15920	400.0	424.6	
74 Methyl methacrylate	69	5.213	5.230	-0.017	90	57723	40.0	37.1	
76 n-Propyl acetate	43	5.295	5.312	-0.017	99	54563	20.0	19.2	
78 Dichlorobromomethane	83	5.371	5.382	-0.011	99	64137	20.0	17.1	
79 2-Nitropropane	41	5.639	5.655	-0.016	96	19937	40.0	37.9	
67 2-Chloroethyl vinyl ether	63	5.753	5.764	-0.011	91	5620	20.0	16.6	
80 Epichlorohydrin	57	5.813	5.819	-0.006	83	4195	20.0	19.5	
81 cis-1,3-Dichloropropene	75	5.917	5.928	-0.011	92	68975	20.0	17.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.141	6.152	-0.011	96	218491	100.0	96.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.250	6.261	-0.011	99	462712	50.0	50.5	
84 Toluene	91	6.332	6.348	-0.016	93	198201	20.0	17.5	
85 trans-1,3-Dichloropropene	75	6.637	6.648	-0.011	97	63453	20.0	17.9	
86 Ethyl methacrylate	69	6.823	6.828	-0.005	87	55848	20.0	17.5	
87 1,1,2-Trichloroethane	83	6.872	6.883	-0.011	94	33771	20.0	18.6	
88 Tetrachloroethene	166	7.057	7.068	-0.011	97	51346	20.0	17.1	
89 1,3-Dichloropropane	76	7.090	7.101	-0.011	92	61145	20.0	18.1	
90 2-Hexanone	43	7.265	7.270	-0.005	95	129448	100.0	96.9	
92 Chlorodibromomethane	129	7.396	7.407	-0.011	97	50520	20.0	17.0	
91 n-Butyl acetate	43	7.489	7.494	-0.005	98	59701	20.0	17.9	
93 Ethylene Dibromide	107	7.532	7.538	-0.006	98	43897	20.0	17.8	
* 94 Chlorobenzene-d5	117	8.231	8.236	-0.005	84	317859	50.0	50.0	
95 Chlorobenzene	112	8.269	8.280	-0.011	97	134221	20.0	18.2	
97 1,1,1,2-Tetrachloroethane	131	8.411	8.422	-0.011	96	64099	20.0	18.1	
96 Ethylbenzene	106	8.476	8.482	-0.006	98	74530	20.0	17.5	
98 m-Xylene & p-Xylene	106	8.656	8.662	-0.006	0	92153	20.0	17.1	
100 o-Xylene	106	9.169	9.180	-0.011	94	103365	20.0	18.3	
101 Styrene	104	9.191	9.196	-0.005	97	146622	20.0	17.3	
99 n-Butyl acrylate	73	9.213	9.218	-0.005	97	37602	20.0	21.7	
103 Bromoform	173	9.371	9.377	-0.006	96	33716	20.0	16.4	
102 Amyl acetate (mixed isomers)	43	9.502	9.507	-0.005	92	74674	20.0	20.3	
104 Isopropylbenzene	105	9.622	9.628	-0.006	95	265609	20.0	18.0	
$ 105 4-Bromofluorobenzene	174	9.764	9.769	-0.005	97	153727	50.0	50.7	
106 Bromobenzene	156	9.900	9.906	-0.006	90	65561	20.0	17.5	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.955	-0.006	98	65755	20.0	18.3	
109 1,2,3-Trichloropropane	110	9.971	9.977	-0.006	98	18545	20.0	18.1	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.015	-0.006	93	14226	20.0	18.0	
108 N-Propylbenzene	91	10.058	10.069	-0.011	100	289351	20.0	17.5	
111 2-Chlorotoluene	91	10.119	10.124	-0.006	97	176712	20.0	17.9	
112 4-Ethyltoluene	105	10.179	10.184	-0.005	99	250654	20.0	17.8	
114 4-Chlorotoluene	91	10.228	10.233	-0.005	97	189164	20.0	17.7	
113 1,3,5-Trimethylbenzene	105	10.249	10.255	-0.006	93	233097	20.0	17.9	
115 Butyl Methacrylate	87	10.386	10.391	-0.005	89	72218	20.0	19.5	
116 tert-Butylbenzene	119	10.550	10.555	-0.005	94	174381	20.0	17.1	
117 1,2,4-Trimethylbenzene	105	10.593	10.599	-0.006	97	244233	20.0	17.4	
118 sec-Butylbenzene	105	10.751	10.757	-0.006	99	287125	20.0	17.4	
120 1,3-Dichlorobenzene	146	10.817	10.822	-0.005	97	129050	20.0	18.3	
* 121 1,4-Dichlorobenzene-d4	152	10.877	10.882	-0.005	94	192205	50.0	50.0	
119 4-Isopropyltoluene	119	10.888	10.893	-0.005	98	262639	20.0	18.1	
122 1,4-Dichlorobenzene	146	10.899	10.904	-0.005	97	130192	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	10.959	10.970	-0.011	98	269265	20.0	18.5	
124 Benzyl chloride	91	11.024	11.030	-0.006	99	124889	20.0	18.8	
125 2,3-Dihydroindene	117	11.117	11.123	-0.006	94	254751	20.0	19.0	
128 1,2-Dichlorobenzene	146	11.210	11.215	-0.005	97	138944	20.0	18.9	
126 p-Diethylbenzene	119	11.215	11.221	-0.006	96	165717	20.0	21.8	
127 n-Butylbenzene	92	11.237	11.243	-0.006	97	130678	20.0	17.7	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.837	-0.005	97	283200	20.0	18.9	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.843	-0.006	79	18331	20.0	17.5	
131 1,3,5-Trichlorobenzene	180	12.006	12.012	-0.006	98	121693	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	12.459	12.465	-0.006	94	119173	20.0	19.8	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	94	49281	20.0	19.0	
134 Naphthalene	128	12.628	12.634	-0.006	99	304705	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.803	12.809	-0.006	96	120639	20.0	20.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 137 Xylenes, Total	100				0		40.0	35.4	
S 139 Total BTEX	1				0		100.0	88.6	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- E - Exceeded Maximum Amount

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GAS C SP_00463	Amount Added:	2.00	Units: uL	
8260 SP_00154	Amount Added:	2.00	Units: uL	
8FreonsSS_00045	Amount Added:	2.00	Units: uL	
ACROLEIN SP_00137	Amount Added:	3.00	Units: uL	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-May-2022 12:16:51 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D

Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9 Operator ID:

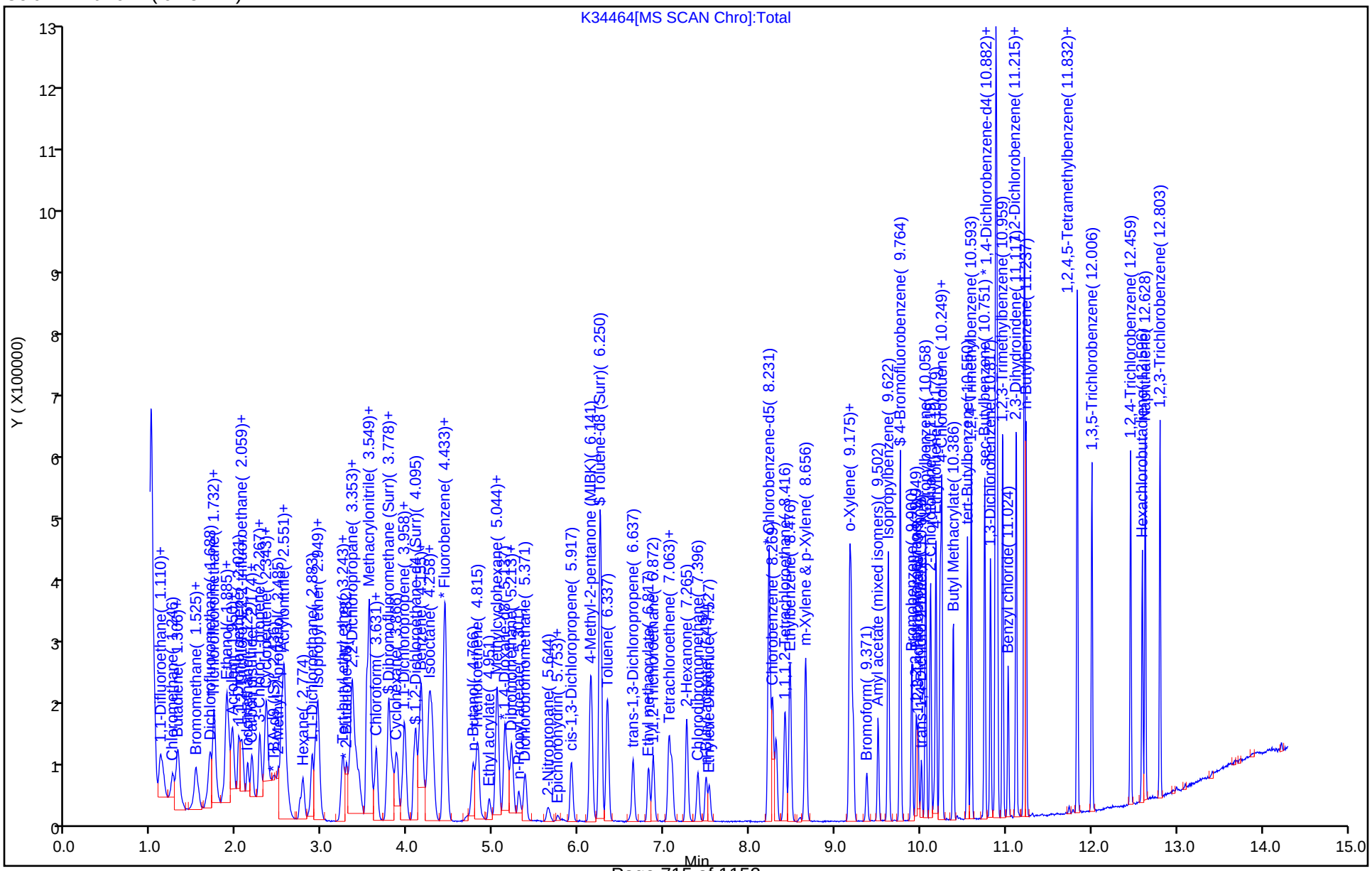
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

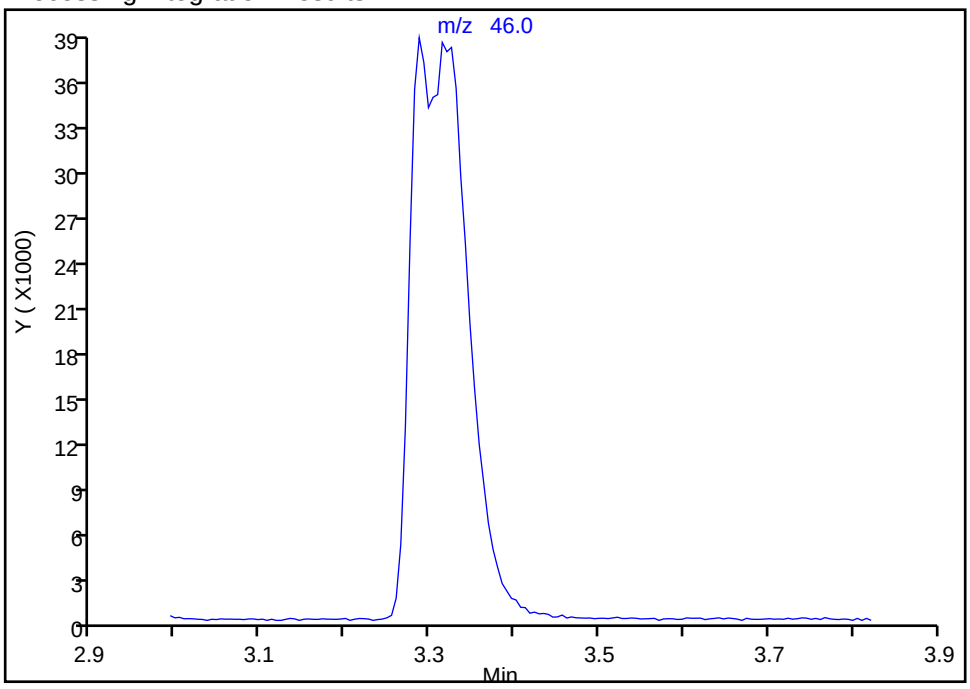
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

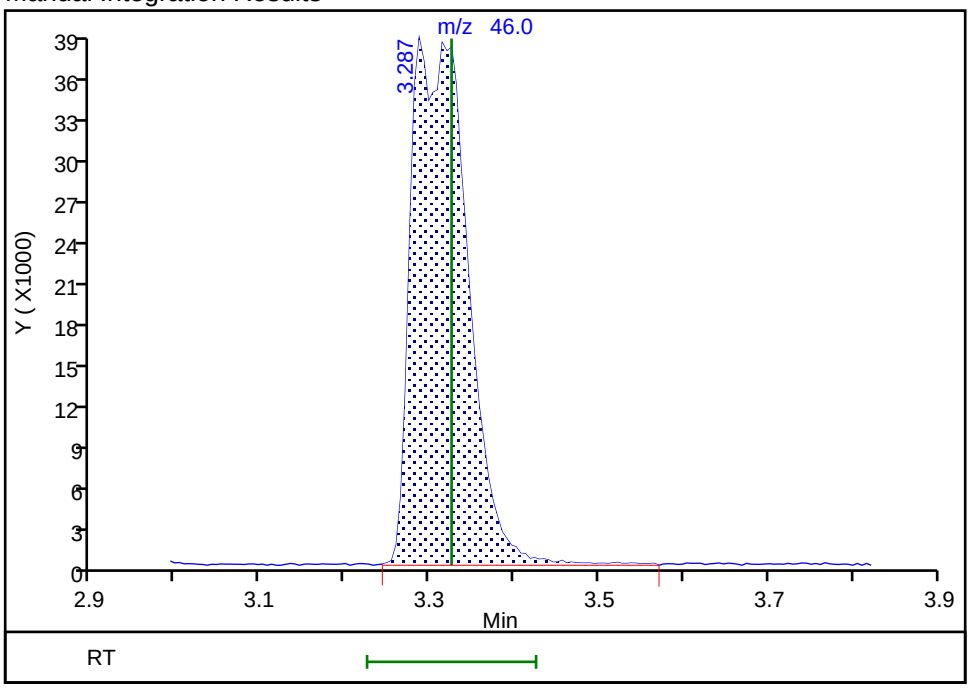
Processing Integration Results

Not Detected
Expected RT: 3.33



Manual Integration Results

RT: 3.29
Area: 178504
Amount: 250.0000
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:06:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

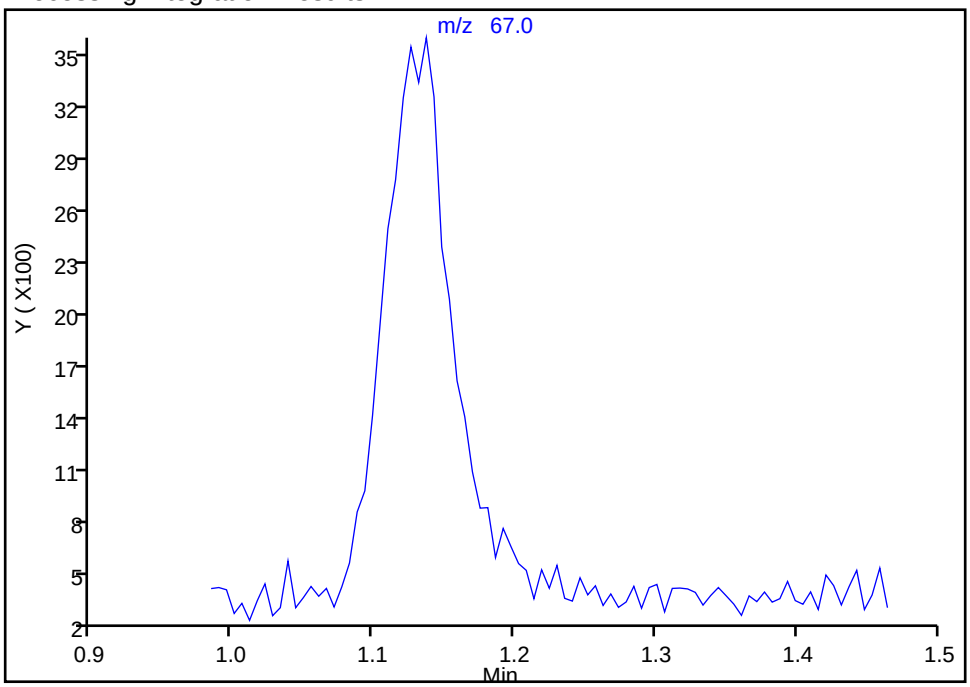
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

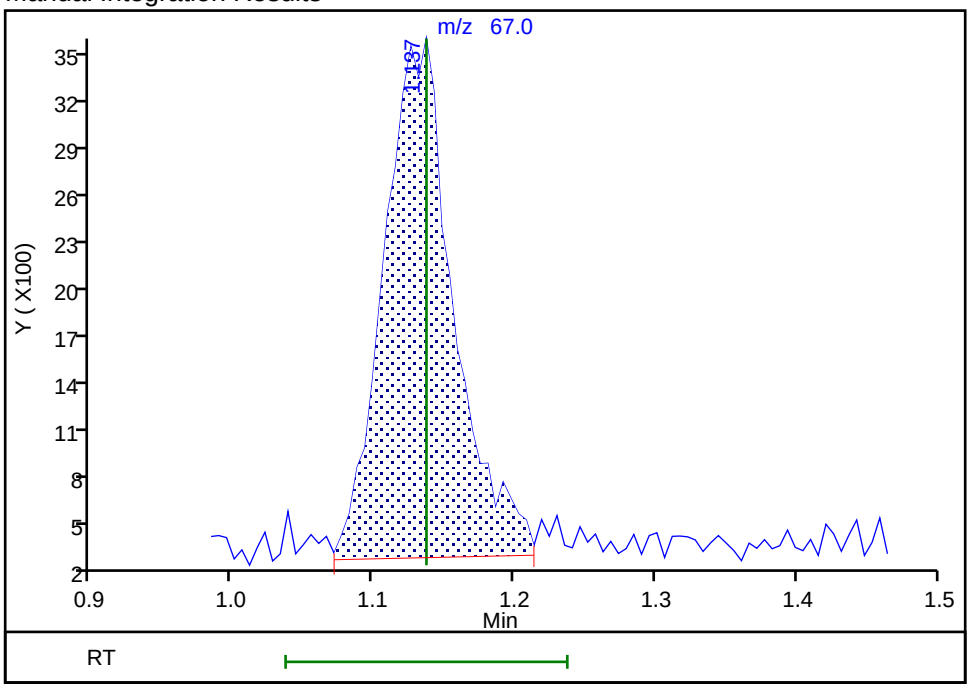
Not Detected
Expected RT: 1.14

Processing Integration Results



Manual Integration Results

RT: 1.14
Area: 11409
Amount: 16.616265
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:06:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

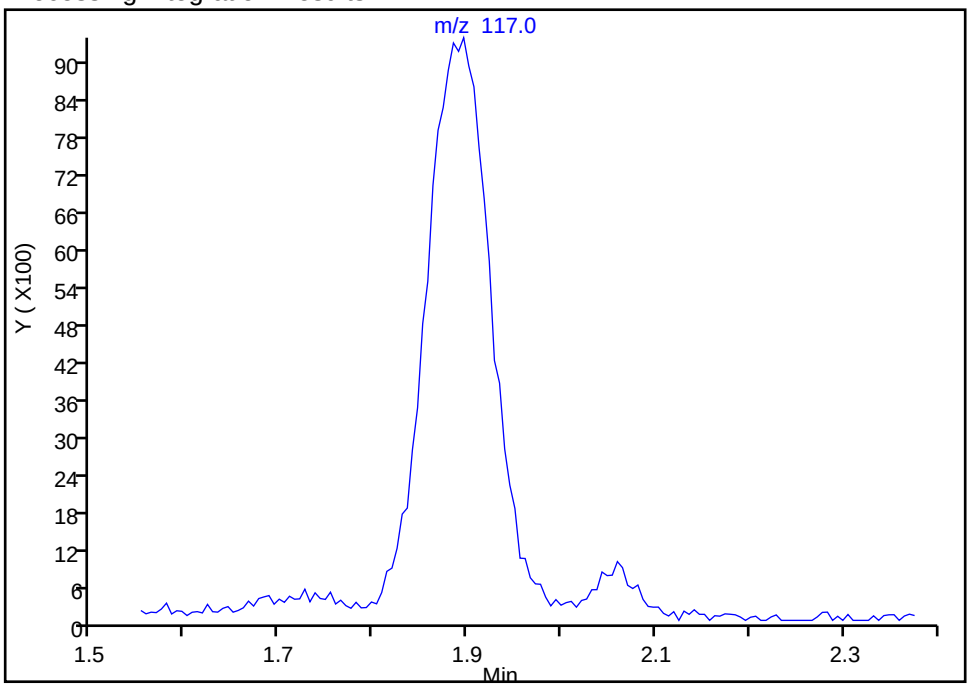
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Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

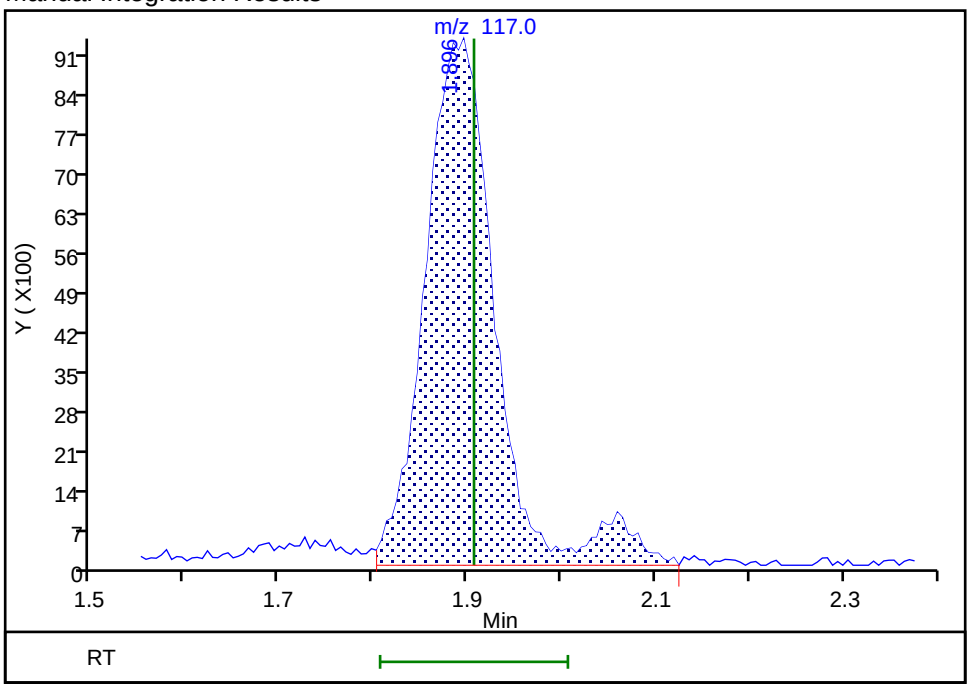
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 49255
Amount: 18.706915
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:06:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

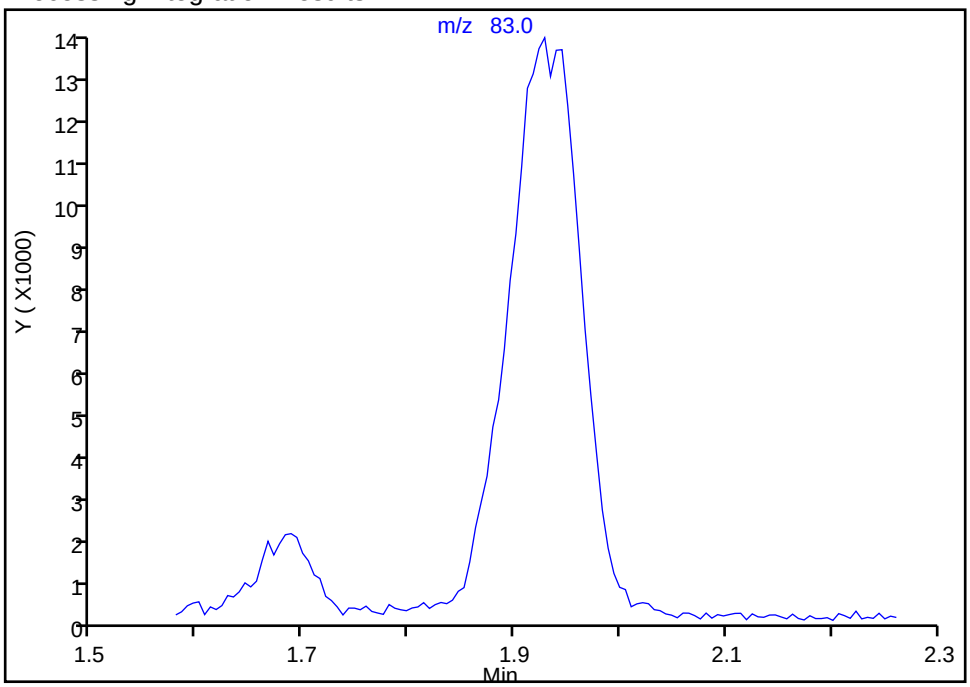
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Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

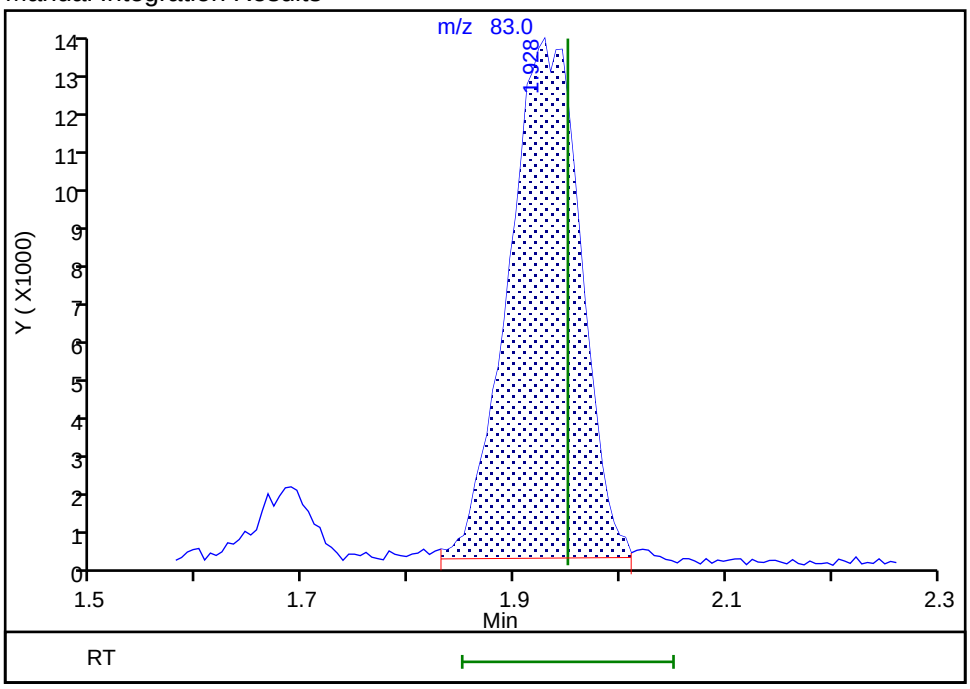
Not Detected
Expected RT: 1.95

Processing Integration Results



Manual Integration Results

RT: 1.93
Area: 64968
Amount: 16.293174
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:06:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

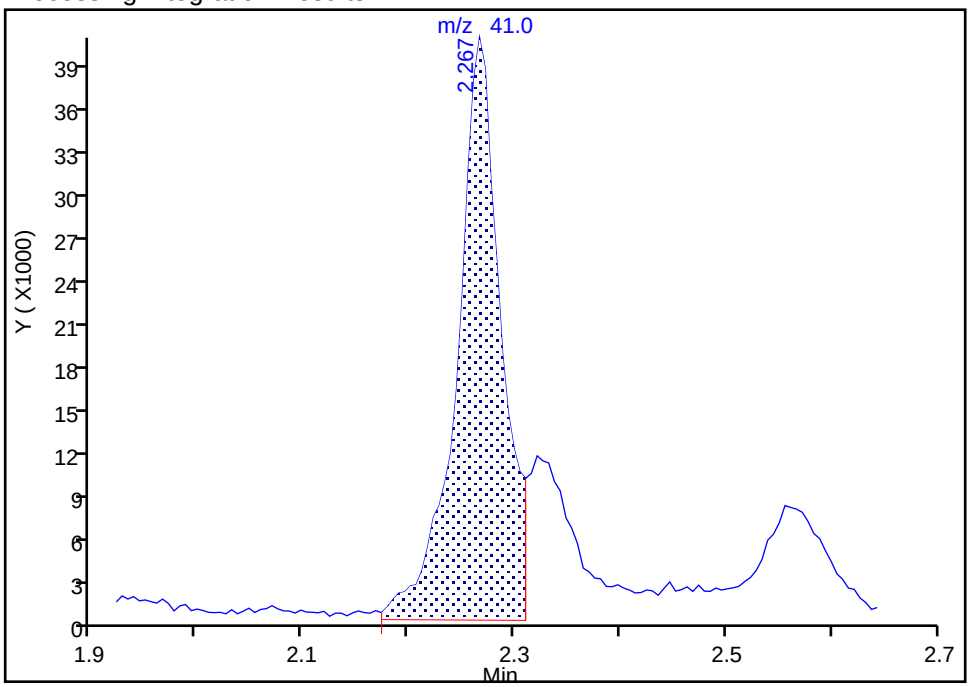
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

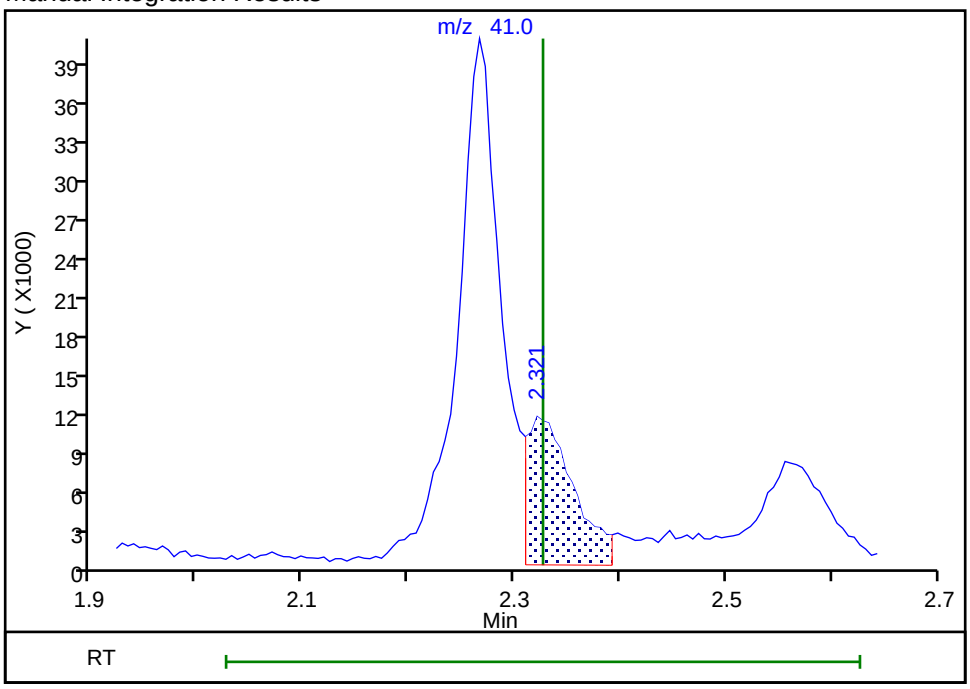
Processing Integration Results

RT: 2.27
Area: 117256
Amount: 664.8550
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 35054
Amount: 207.1685
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:07:06
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

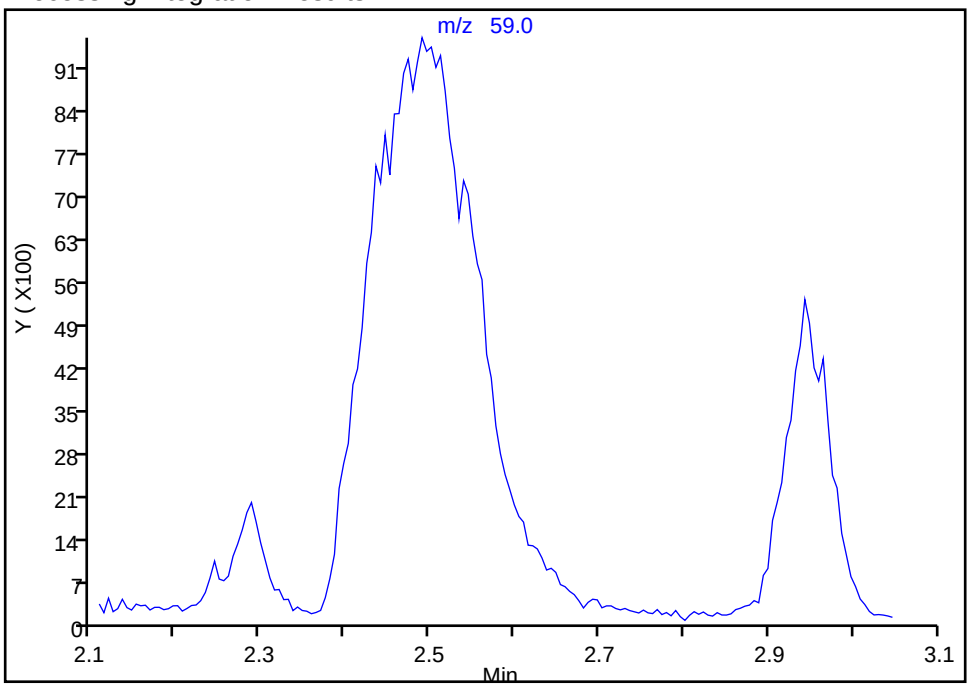
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

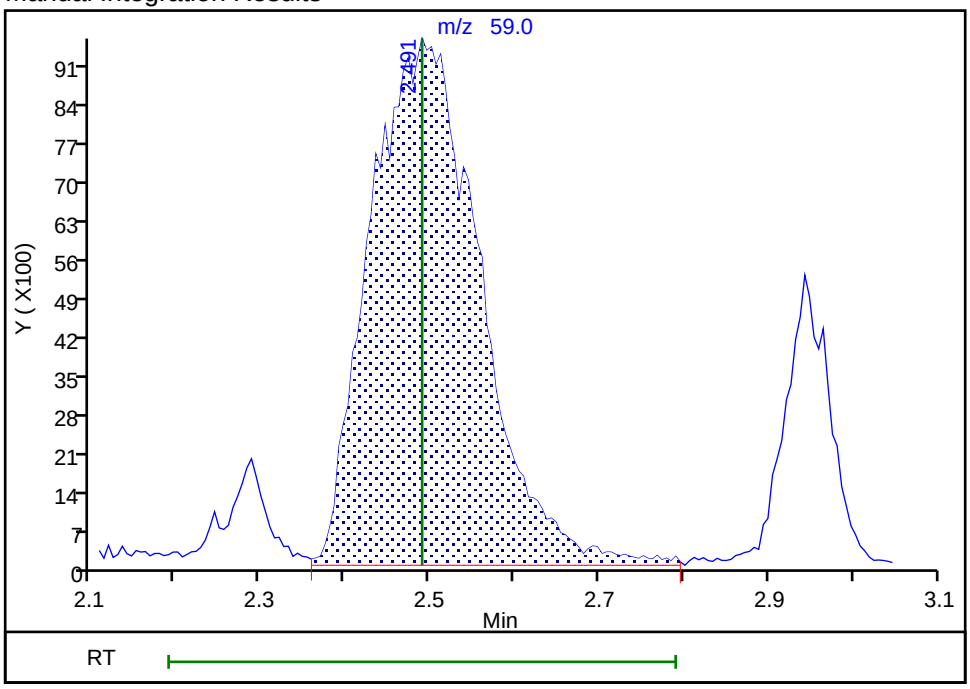
Not Detected
Expected RT: 2.49

Processing Integration Results



Manual Integration Results

RT: 2.49
Area: 86337
Amount: 181.2091
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:07:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

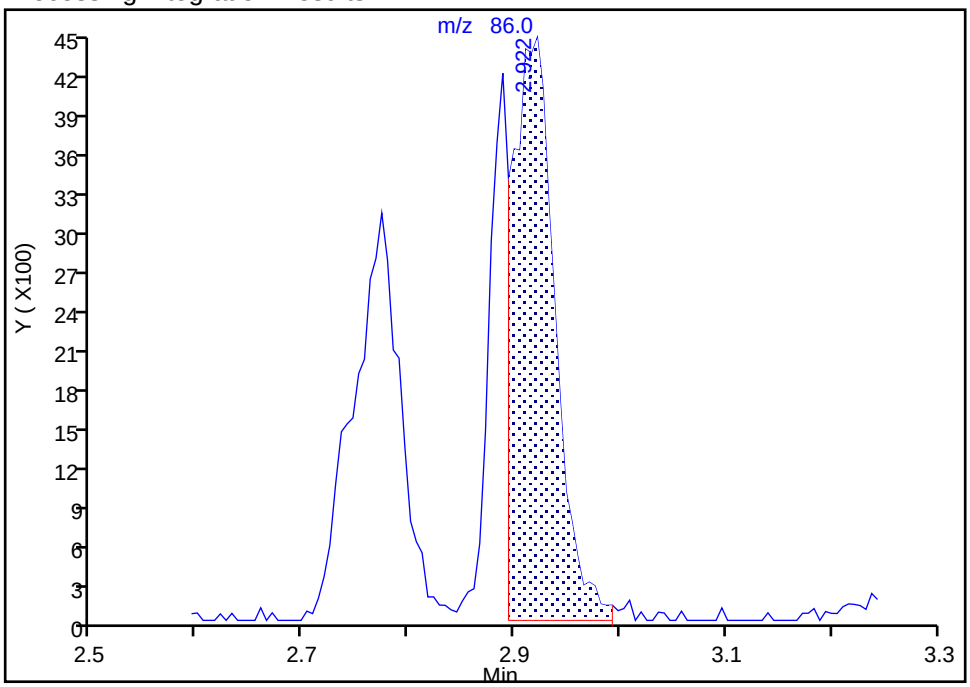
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Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

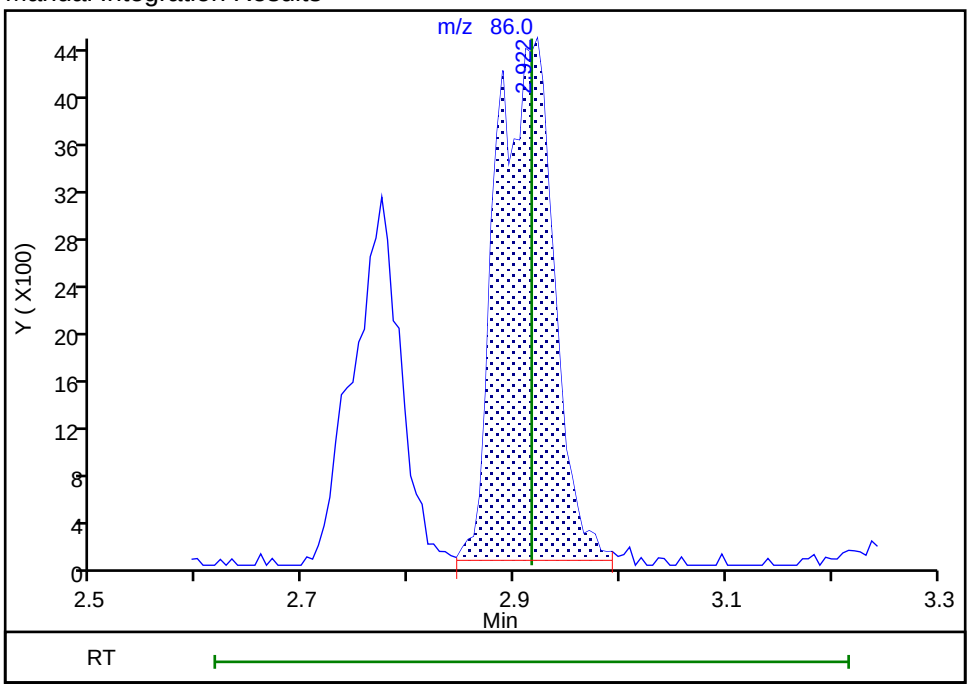
Processing Integration Results

RT: 2.92
Area: 12679
Amount: 27.524426
Amount Units: ug/l



Manual Integration Results

RT: 2.92
Area: 16731
Amount: 39.115602
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:07:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

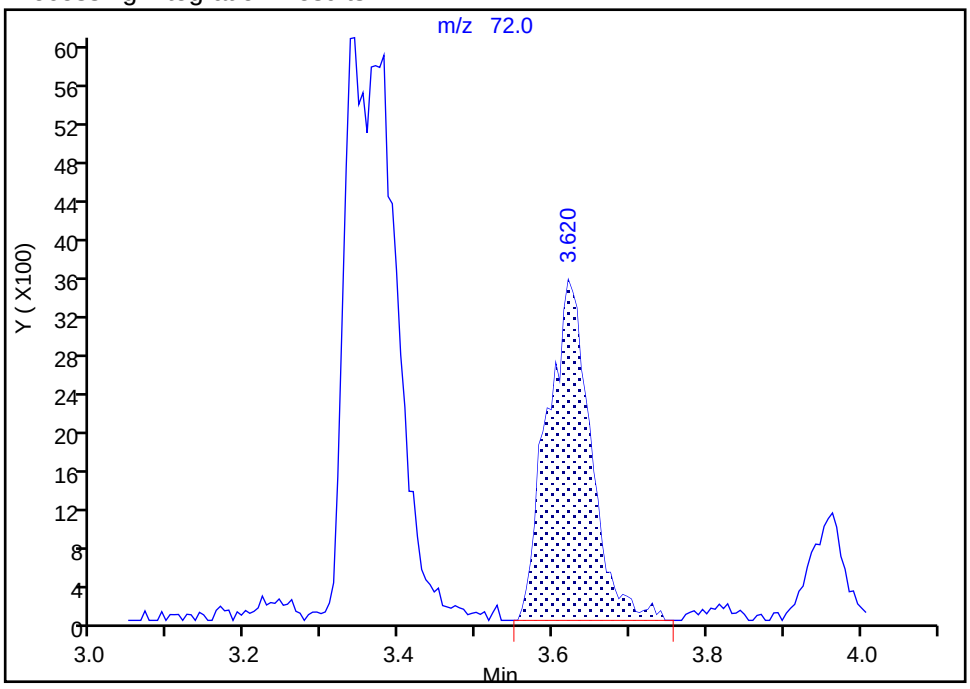
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

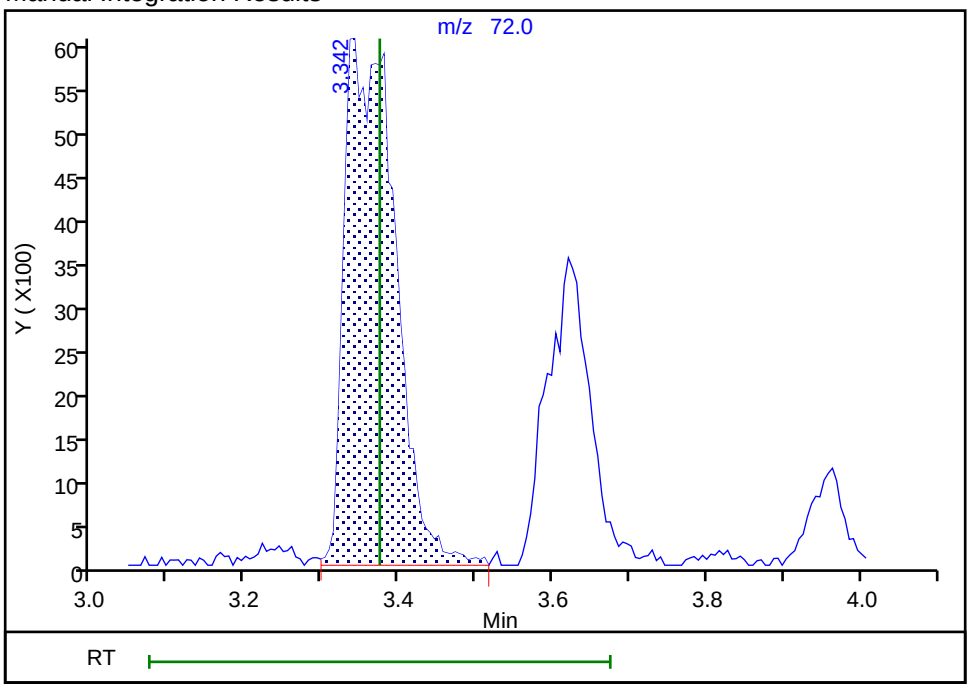
Processing Integration Results

RT: 3.62
Area: 13785
Amount: 44.642936
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 27735
Amount: 94.331838
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:07:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

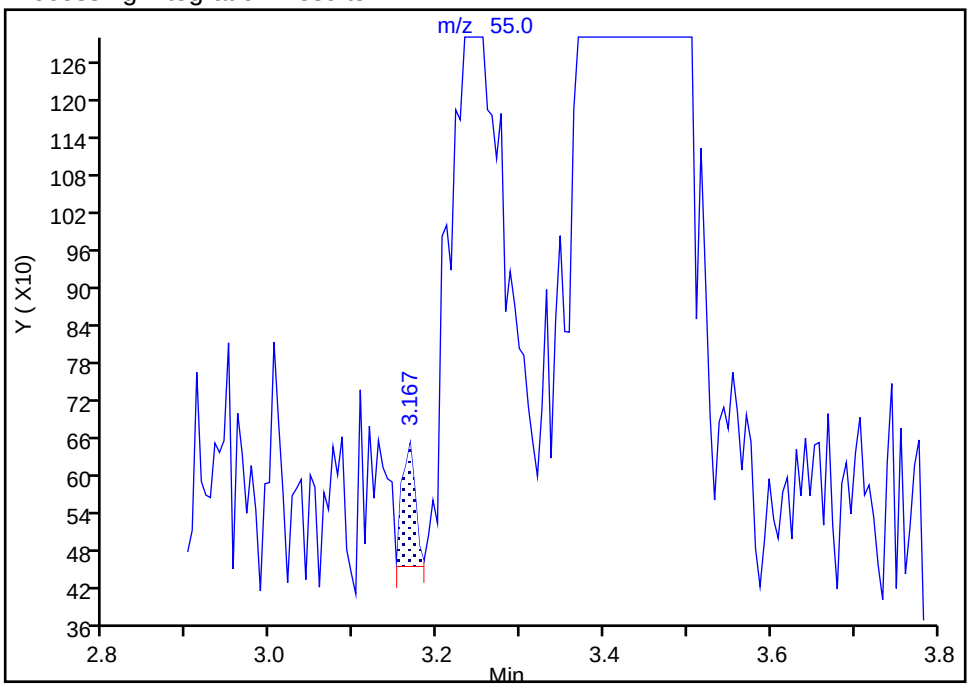
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Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

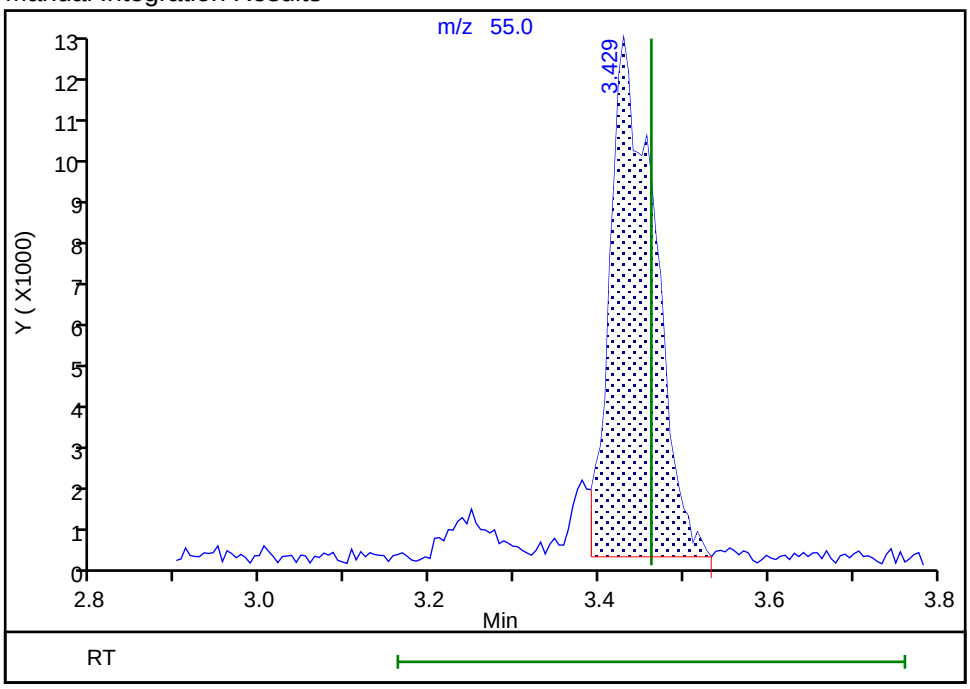
Processing Integration Results

RT: 3.17
Area: 215
Amount: 0.085308
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 43601
Amount: 17.300065
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:07:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

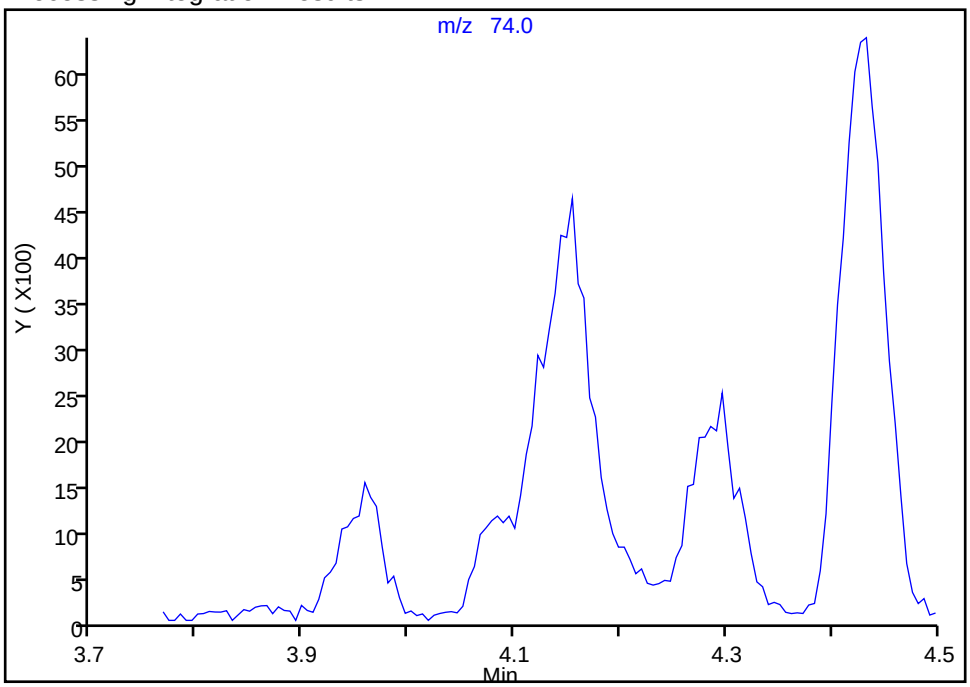
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

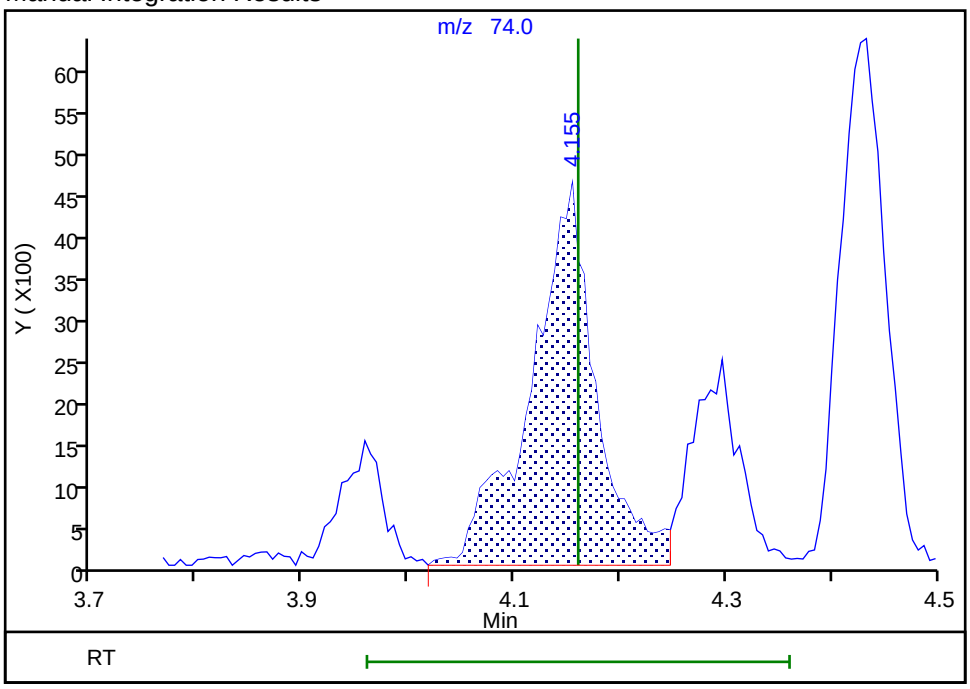
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.15
Area: 19780
Amount: 462.6504
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:08:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

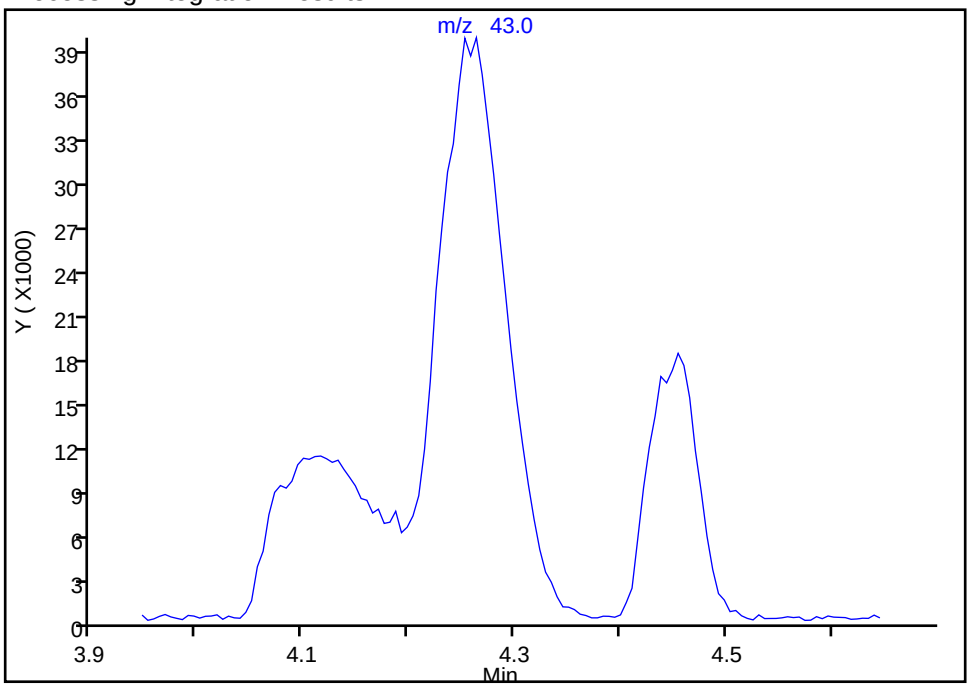
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

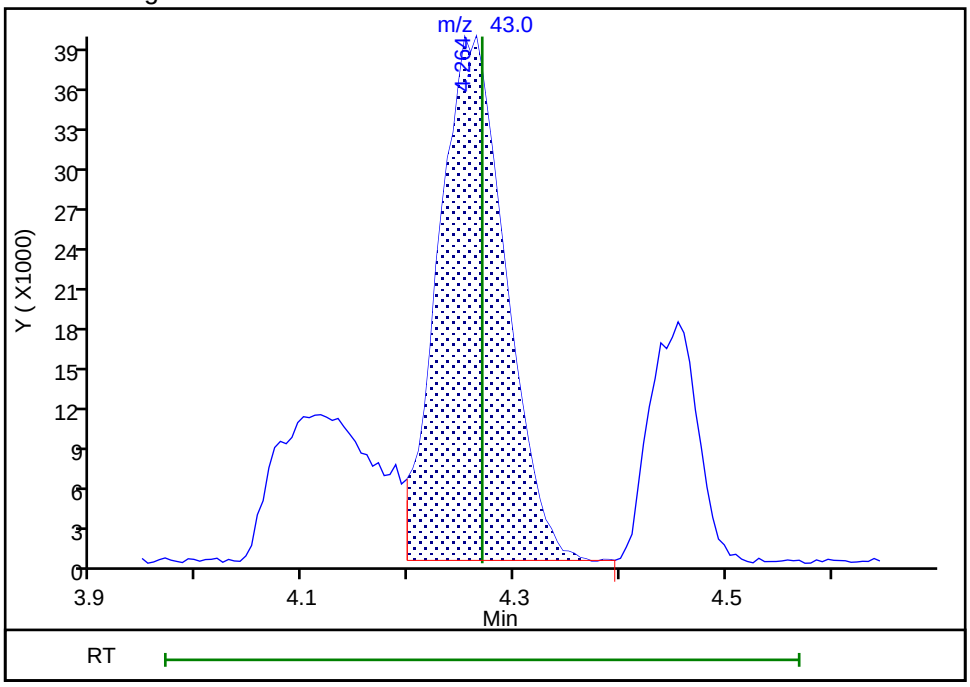
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 171695
Amount: 18.913862
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:08:06
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

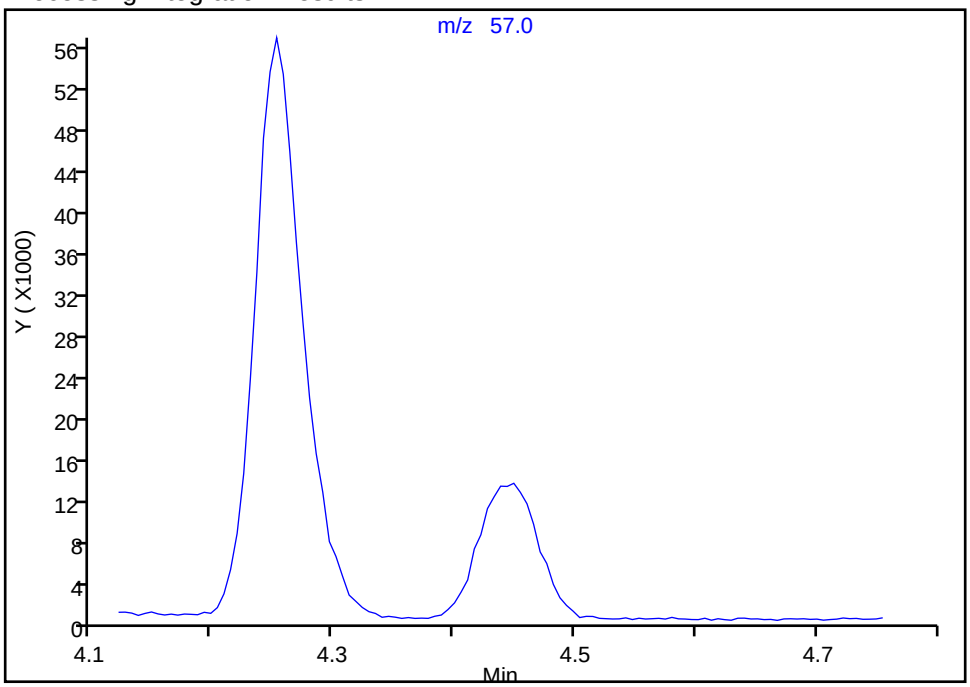
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

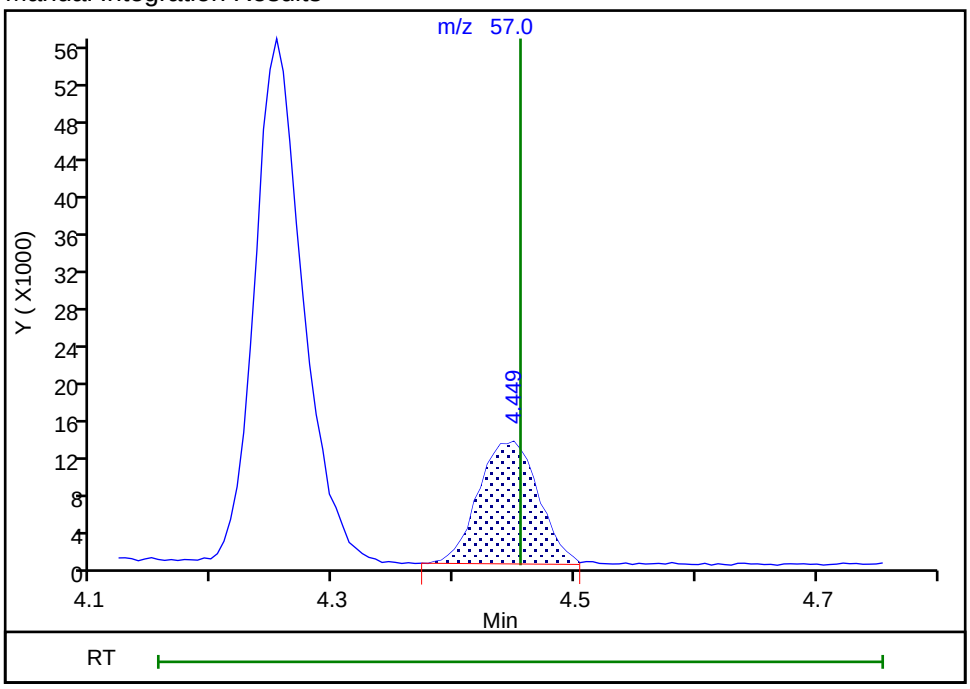
Not Detected
Expected RT: 4.45

Processing Integration Results



Manual Integration Results

RT: 4.45
Area: 44962
Amount: 14.928918
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:08:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

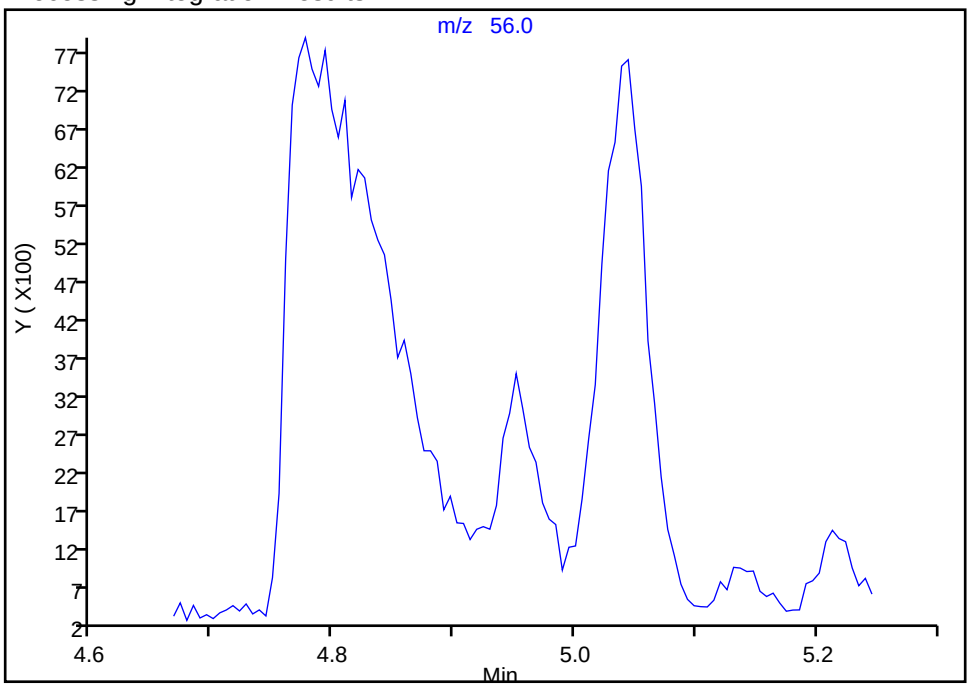
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34464.D
Injection Date: 25-May-2022 16:55:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

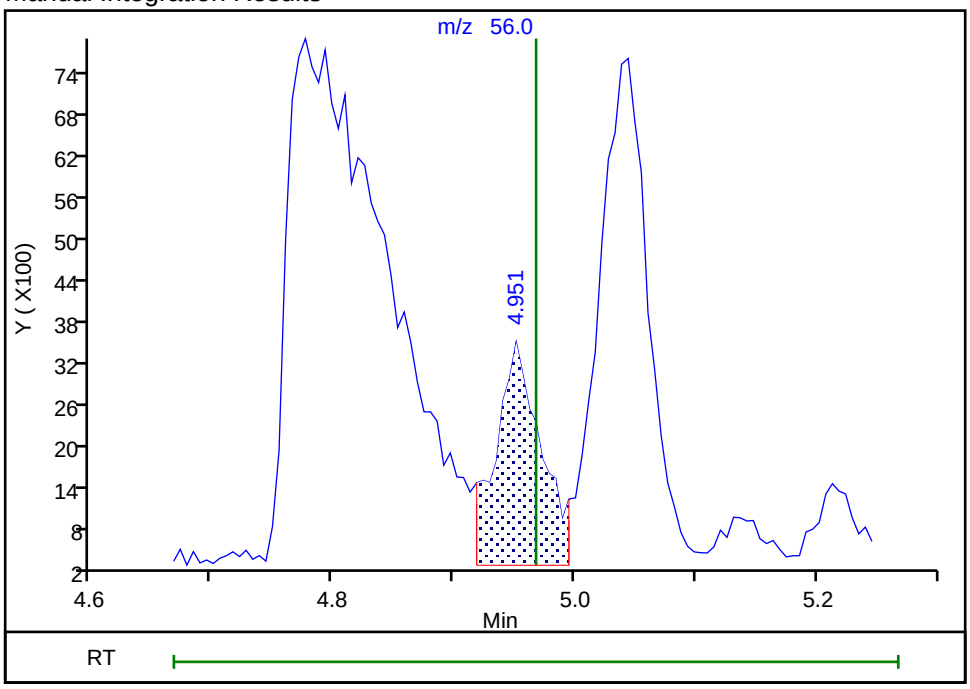
Not Detected
Expected RT: 4.97

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 8486
Amount: 17.957116
Amount Units: ug/l



Reviewer: baronm, 26-May-2022 21:08:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847741/2 Calibration Date: 06/02/2022 04:16

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34596.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.2023		21.0	20.0	4.9	20.0
Chlorodifluoromethane	QuaF		0.0960		23.0	20.0	15.0	20.0
Dichlorodifluoromethane	Ave	0.5834	0.6420	0.1000	22.0	20.0	10.1	20.0
Chloromethane	Ave	0.4673	0.5539	0.1000	23.7	20.0	18.5	20.0
Butadiene	Ave	0.3624	0.3606		19.9	20.0	-0.5	20.0
Vinyl chloride	Ave	0.4261	0.4629	0.1000	21.7	20.0	8.6	20.0
Bromomethane	Ave	0.3548	0.4044	0.1000	22.8	20.0	14.0	50.0
Chloroethane	Ave	0.2139	0.2434	0.1000	22.8	20.0	13.8	50.0
Dichlorofluoromethane	Ave	0.6050	0.6783		22.4	20.0	12.1	20.0
Pentane	Lin2		1.573		51.1	40.0	27.8*	20.0
Trichlorofluoromethane	Ave	0.6265	0.7200	0.1000	23.0	20.0	14.9	20.0
Ethyl ether	Ave	0.2192	0.2059		18.8	20.0	-6.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3203	0.3972		24.8	20.0	24.0*	20.0
2-Methyl-1,3-butadiene	Ave	0.2556	0.2616		20.5	20.0	2.4	20.0
Ethanol	Ave	0.0635	0.0556		700	800	-12.4	50.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4851	0.5787		23.9	20.0	19.3	20.0
Acrolein	Ave	0.5999	0.7451		373	300	24.2	50.0
1,1-Dichloroethene	Ave	0.3216	0.3448	0.1000	21.4	20.0	7.2	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3915	0.4496	0.1000	23.0	20.0	14.8	20.0
Acetone	QuaF		1.073	0.0500	80.2	100	-19.8	50.0
Iodomethane	Ave	0.7379	0.7569		20.5	20.0	2.6	20.0
Isopropyl alcohol	Ave	0.6618	0.5741		174	200	-13.2	50.0
Carbon disulfide	Ave	1.185	1.298	0.1000	21.9	20.0	9.6	50.0
3-Chloro-1-propene	Ave	0.4135	0.3655		17.7	20.0	-11.6	20.0
Methyl acetate	Ave	5.453	5.131	0.1000	37.6	40.0	-5.9	20.0
Acetonitrile	QuaF		0.5274		191	200	-4.5	20.0
Cyclopentene	Ave	0.7702	0.7761		20.2	20.0	0.8	20.0
Methylene Chloride	Ave	0.3951	0.3786	0.1000	19.2	20.0	-4.2	20.0
2-Methyl-2-propanol	Ave	1.557	1.451		186	200	-6.8	50.0
Acrylonitrile	Ave	0.1070	0.0951		178	200	-11.1	20.0
trans-1,2-Dichloroethene	Ave	0.3520	0.3860	0.1000	21.9	20.0	9.6	20.0
Methyl tert-butyl ether	Ave	0.9617	0.8988	0.1000	18.7	20.0	-6.5	20.0
Hexane	Qua2		0.2382		18.3	20.0	-8.3	20.0
1,1-Dichloroethane	Ave	0.5562	0.5477	0.2000	19.7	20.0	-1.5	20.0
Vinyl acetate	Qua2		1.507		43.0	40.0	7.5	20.0
Isopropyl ether	Ave	0.9827	0.8302		16.9	20.0	-15.5	20.0
2-Chloro-1,3-butadiene	Ave	0.3104	0.3214		20.7	20.0	3.5	20.0
Tert-butyl ethyl ether	Ave	0.4525	0.3997		17.7	20.0	-11.7	20.0
cis-1,2-Dichloroethene	Ave	0.4042	0.4073	0.1000	20.2	20.0	0.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847741/2 Calibration Date: 06/02/2022 04:16

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34596.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1972	0.2032		20.6	20.0	3.1	20.0
2-Butanone (MEK)	Qua2		0.4347	0.0500	106	100	6.1	50.0
Propionitrile	Ave	1.256	1.195		190	200	-4.9	20.0
Ethyl acetate	Ave	0.3126	0.3359		43.0	40.0	7.5	20.0
Methyl acrylate	Ave	0.3066	0.2588		16.9	20.0	-15.6	20.0
Methacrylonitrile	Ave	0.1192	0.1093		183	200	-8.3	20.0
Chlorobromomethane	Ave	0.2267	0.2220		19.6	20.0	-2.1	20.0
Tetrahydrofuran	Ave	0.5015	0.5178		41.3	40.0	3.3	20.0
Chloroform	Ave	0.6339	0.6337	0.2000	20.0	20.0	-0.0	20.0
1,1,1-Trichloroethane	Ave	0.6117	0.6677	0.1000	21.8	20.0	9.2	20.0
Cyclohexane	Ave	0.5415	0.6027	0.1000	22.3	20.0	11.3	50.0
1,1-Dichloropropene	Ave	0.4326	0.4552		21.0	20.0	5.2	20.0
Carbon tetrachloride	Ave	0.5397	0.5700	0.1000	21.1	20.0	5.6	20.0
Isobutyl alcohol	Ave	0.1397	0.1233		441	500	-11.7	50.0
Benzene	Ave	1.664	1.750	0.5000	21.0	20.0	5.2	20.0
1,2-Dichloroethane	Ave	0.4382	0.3902	0.1000	17.8	20.0	-11.0	20.0
Isooctane	Ave	1.196	1.100		18.4	20.0	-8.0	20.0
Isopropyl acetate	Ave	0.1157	0.1009		17.4	20.0	-12.8	20.0
Tert-amyl methyl ether	Ave	1.064	0.9589		18.0	20.0	-9.8	20.0
n-Heptane	Ave	0.4651	0.4234		18.2	20.0	-9.0	20.0
n-Butanol	QuaF		0.2911		538	500	7.6	50.0
Trichloroethene	Ave	0.3450	0.3536	0.2000	20.5	20.0	2.5	20.0
Ethyl acrylate	Ave	0.3242	0.2544		15.7	20.0	-21.5*	20.0
Methylcyclohexane	Ave	0.6520	0.6834	0.1000	21.0	20.0	4.8	50.0
1,2-Dichloropropane	Ave	0.3204	0.2910	0.1000	18.2	20.0	-9.2	20.0
Dibromomethane	QuaF		0.2157		19.4	20.0	-2.8	20.0
1,4-Dioxane	Ave	1.485	1.644		443	400	10.7	50.0
Methyl methacrylate	Ave	0.1893	0.1591		33.6	40.0	-16.0	20.0
n-Propyl acetate	Ave	0.3464	0.2916		16.8	20.0	-15.8	20.0
Dichlorobromomethane	Ave	0.4576	0.4156	0.2000	18.2	20.0	-9.2	20.0
2-Nitropropane	QuaF		0.0507		31.8	40.0	-20.6*	20.0
2-Chloroethyl vinyl ether	Ave	0.0412	0.0287		14.0	20.0	-30.4*	20.0
Epichlorohydrin	Ave	0.3016	0.3066		407	400	1.6	20.0
cis-1,3-Dichloropropene	Ave	0.6388	0.5768	0.2000	18.1	20.0	-9.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.182	3.004	0.0500	94.4	100	-5.6	50.0
Toluene	Ave	1.780	1.831	0.4000	20.6	20.0	2.9	20.0
trans-1,3-Dichloropropene	Ave	0.5566	0.4889	0.1000	17.6	20.0	-12.2	50.0
Ethyl methacrylate	Ave	0.5024	0.4167		16.6	20.0	-17.1	20.0
1,1,2-Trichloroethane	Ave	0.2855	0.2765	0.1000	19.4	20.0	-3.2	20.0
Tetrachloroethene	Ave	0.4731	0.5333	0.2000	22.5	20.0	12.7	20.0
1,3-Dichloropropane	Ave	0.5318	0.4920		18.5	20.0	-7.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847741/2 Calibration Date: 06/02/2022 04:16

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34596.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.871	1.685	0.0500	90.1	100	-9.9	50.0
Chlorodibromomethane	Ave	0.4665	0.4058	0.1000	17.4	20.0	-13.0	50.0
n-Butyl acetate	Ave	0.5252	0.4007		15.3	20.0	-23.7*	20.0
Ethylene Dibromide	Ave	0.3888	0.3567	0.1000	18.3	20.0	-8.3	20.0
Chlorobenzene	Ave	1.160	1.197	0.5000	20.6	20.0	3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5584	0.5441		19.5	20.0	-2.6	20.0
Ethylbenzene	Ave	0.6686	0.6919	0.1000	20.7	20.0	3.5	20.0
m-Xylene & p-Xylene	Ave	0.8474	0.8452	0.1000	19.9	20.0	-0.3	20.0
o-Xylene	Ave	0.8865	0.9012	0.3000	20.3	20.0	1.7	20.0
Styrene	Ave	1.335	1.287	0.3000	19.3	20.0	-3.6	20.0
n-Butyl acrylate	QuaF		0.2681		19.7	20.0	-1.7	20.0
Bromoform	Ave	0.3239	0.2695	0.1000	16.6	20.0	-16.8	20.0
Amyl acetate (mixed isomers)	Ave	0.9592	0.8014		16.7	20.0	-16.4	20.0
Isopropylbenzene	Ave	2.319	2.538	0.1000	21.9	20.0	9.4	20.0
Bromobenzene	Ave	0.9752	0.9204		18.9	20.0	-5.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9356	0.8570	0.3000	18.3	20.0	-8.4	20.0
1,2,3-Trichloropropane	Ave	0.2659	0.2524		19.0	20.0	-5.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2060	0.1591		15.4	20.0	-22.8*	20.0
N-Propylbenzene	Ave	4.302	4.400		20.5	20.0	2.3	20.0
2-Chlorotoluene	Ave	2.569	2.549		19.8	20.0	-0.8	20.0
4-Ethyltoluene	Ave	3.667	3.741		20.4	20.0	2.0	20.0
4-Chlorotoluene	Ave	2.778	2.720		19.6	20.0	-2.1	20.0
1,3,5-Trimethylbenzene	Ave	3.386	3.392		20.0	20.0	0.2	20.0
Butyl Methacrylate	Ave	0.9621	0.8453		17.6	20.0	-12.1	20.0
tert-Butylbenzene	Ave	2.655	2.620		19.7	20.0	-1.3	20.0
1,2,4-Trimethylbenzene	Ave	3.656	3.463		18.9	20.0	-5.3	20.0
sec-Butylbenzene	Ave	4.296	4.398		20.5	20.0	2.4	20.0
1,3-Dichlorobenzene	Ave	1.837	1.861	0.6000	20.3	20.0	1.3	20.0
4-Isopropyltoluene	Ave	3.769	3.983		21.1	20.0	5.7	20.0
1,4-Dichlorobenzene	Ave	1.809	1.887	0.5000	20.9	20.0	4.3	20.0
1,2,3-Trimethylbenzene	Ave	3.789	3.632		19.2	20.0	-4.1	20.0
Benzyl chloride	Ave	1.728	1.600		18.5	20.0	-7.4	50.0
Indan	Ave	3.480	3.432		19.7	20.0	-1.4	20.0
1,2-Dichlorobenzene	Ave	1.910	1.972	0.4000	20.6	20.0	3.2	20.0
p-Diethylbenzene	Ave	1.977	2.111		21.3	20.0	6.7	20.0
n-Butylbenzene	Ave	1.917	2.092		21.8	20.0	9.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.907	3.735		19.1	20.0	-4.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2730	0.2472	0.0500	18.1	20.0	-9.5	50.0
1,3,5-Trichlorobenzene	Ave	1.648	1.774		21.5	20.0	7.6	20.0
1,2,4-Trichlorobenzene	Ave	1.569	1.663	0.2000	21.2	20.0	6.0	20.0
Hexachlorobutadiene	Ave	0.6752	0.7528		22.3	20.0	11.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847741/2 Calibration Date: 06/02/2022 04:16

Instrument ID: CVOAMS9 Calib Start Date: 05/25/2022 11:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/25/2022 13:37

Lab File ID: K34596.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	3.924	3.734		19.0	20.0	-4.8	50.0
1,2,3-Trichlorobenzene	Ave	1.568	1.623		20.7	20.0	3.6	20.0
Dibromofluoromethane (Surr)	Ave	0.3273	0.3423		52.3	50.0	4.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2981	0.2941		49.3	50.0	-1.3	20.0
Toluene-d8 (Surr)	Ave	1.440	1.516		52.6	50.0	5.3	20.0
4-Bromofluorobenzene	Ave	0.4769	0.5026		52.7	50.0	5.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Jun-2022 04:16:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0146026-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:30:43 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: delpolitov Date: 02-Jun-2022 10:30:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.110	1.110	0.000	56	40798	20.0	21.0	
3 1,1-Difluoroethane	65	1.105	1.105	0.000	94	36522	NC	NC	
4 Dichlorodifluoromethane	85	1.132	1.132	0.000	69	129471	20.0	22.0	
5 Chlorodifluoromethane	67	1.132	1.132	0.000	95	19356	20.0	23.0	a
6 Chloromethane	50	1.257	1.257	0.000	99	111708	20.0	23.7	
7 Butadiene	54	1.307	1.307	0.000	92	72716	20.0	19.9	
8 Vinyl chloride	62	1.323	1.323	0.000	97	93339	20.0	21.7	
9 Bromomethane	94	1.514	1.514	0.000	99	81542	20.0	22.8	
10 Chloroethane	64	1.552	1.552	0.000	100	49088	20.0	22.8	
11 Dichlorofluoromethane	67	1.678	1.678	0.000	98	136788	20.0	22.4	
12 Trichlorofluoromethane	101	1.738	1.738	0.000	90	145184	20.0	23.0	
13 Pentane	72	1.732	1.732	0.000	95	22099	40.0	51.1	
15 Ethyl ether	59	1.874	1.874	0.000	95	41520	20.0	18.8	
14 Ethanol	46	1.912	1.912	0.000	62	15633	800.0	700.5	Ma
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.879	1.879	0.000	80	80099	20.0	24.8	
16 2-Methyl-1,3-butadiene	53	1.890	1.890	0.000	93	52761	20.0	20.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.923	1.923	0.000	94	116696	20.0	23.9	a
19 Acrolein	56	1.956	1.956	0.000	97	78514	300.0	372.6	
21 1,1-Dichloroethene	96	2.021	2.021	0.000	95	69529	20.0	21.4	
22 Acetone	43	2.065	2.065	0.000	62	86017	100.0	80.2	
20 112TCTFE	101	2.060	2.060	0.000	97	90663	20.0	23.0	
23 Iodomethane	142	2.125	2.125	0.000	98	152638	20.0	20.5	
24 Isopropyl alcohol	45	2.174	2.174	0.000	24	40334	200.0	173.5	M
25 Carbon disulfide	76	2.180	2.180	0.000	99	261773	20.0	21.9	
26 3-Chloro-1-propene	39	2.267	2.267	0.000	88	73714	20.0	17.7	
27 Methyl acetate	43	2.289	2.289	0.000	96	72090	40.0	37.6	
29 Acetonitrile	41	2.332	2.332	0.000	31	37049	200.0	191.1	a
28 Cyclopentene	67	2.338	2.338	0.000	94	156499	20.0	20.2	
31 Methylene Chloride	84	2.354	2.354	0.000	88	76351	20.0	19.2	
* 30 TBA-d9 (IS)	65	2.436	2.436	0.000	97	351258	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.491	2.491	0.000	39	101966	200.0	186.5	a
35 Acrylonitrile	53	2.529	2.529	0.000	95	191697	200.0	177.7	
34 trans-1,2-Dichloroethene	96	2.556	2.556	0.000	91	77834	20.0	21.9	
33 Methyl tert-butyl ether	73	2.567	2.567	0.000	90	181245	20.0	18.7	
36 Hexane	43	2.774	2.774	0.000	91	48041	20.0	18.3	
38 1,1-Dichloroethane	63	2.873	2.873	0.000	99	110456	20.0	19.7	
39 Vinyl acetate	86	2.916	2.916	0.000	99	21176	40.0	43.0	
37 Isopropyl ether	45	2.943	2.943	0.000	82	167409	20.0	16.9	
40 2-Chloro-1,3-butadiene	88	2.954	2.954	0.000	86	64808	20.0	20.7	
41 Tert-butyl ethyl ether	87	3.238	3.238	0.000	91	80593	20.0	17.7	
* 42 2-Butanone-d5	46	3.320	3.320	0.000	98	200396	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.353	3.353	0.000	97	82133	20.0	20.2	
43 2,2-Dichloropropane	79	3.369	3.369	0.000	93	40983	20.0	20.6	
46 2-Butanone (MEK)	72	3.369	3.369	0.000	98	34848	100.0	106.1	a
48 Propionitrile	54	3.418	3.418	0.000	97	83947	200.0	190.3	a
45 Ethyl acetate	70	3.435	3.435	0.000	99	10771	40.0	43.0	
47 Methyl acrylate	55	3.456	3.456	0.000	97	52182	20.0	16.9	a
51 Methacrylonitrile	67	3.549	3.549	0.000	89	220481	200.0	183.4	
50 Chlorobromomethane	128	3.560	3.560	0.000	76	44768	20.0	19.6	
49 Tetrahydrofuran	72	3.625	3.625	0.000	44	16604	40.0	41.3	
52 Chloroform	83	3.631	3.631	0.000	99	127785	20.0	20.0	
$ 55 Dibromofluoromethane (Surr)	113	3.778	3.778	0.000	96	172589	50.0	52.3	
54 1,1,1-Trichloroethane	97	3.811	3.811	0.000	97	134649	20.0	21.8	
53 Cyclohexane	84	3.871	3.871	0.000	88	121539	20.0	22.3	
57 1,1-Dichloropropene	75	3.958	3.958	0.000	98	91795	20.0	21.0	
56 Carbon tetrachloride	117	3.975	3.975	0.000	99	114949	20.0	21.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.089	4.089	0.000	0	148276	50.0	49.3	
58 Isobutyl alcohol	74	4.149	4.149	0.000	94	21662	500.0	441.5	a
60 Benzene	78	4.155	4.155	0.000	94	264879	20.0	21.0	
64 1,2-Dichloroethane	62	4.166	4.166	0.000	97	78683	20.0	17.8	
59 Isooctane	57	4.253	4.253	0.000	93	221891	20.0	18.4	
62 Isopropyl acetate	61	4.253	4.264	-0.011	68	20357	20.0	17.4	a
63 Tert-amyl methyl ether	73	4.286	4.286	0.000	97	193367	20.0	18.0	
* 66 Fluorobenzene	96	4.438	4.438	0.000	99	504146	50.0	50.0	
65 n-Heptane	43	4.455	4.444	0.011	83	85377	20.0	18.2	
68 n-Butanol	56	4.771	4.771	0.000	29	51118	500.0	538.0	a
69 Trichloroethene	95	4.820	4.820	0.000	96	71302	20.0	20.5	
70 Ethyl acrylate	55	4.951	4.946	0.005	98	51299	20.0	15.7	
71 Methylcyclohexane	83	5.044	5.044	0.000	93	137804	20.0	21.0	
72 1,2-Dichloropropane	63	5.061	5.061	0.000	88	58678	20.0	18.2	
* 73 1,4-Dioxane-d8	96	5.164	5.164	0.000	89	27792	1000.0	1000.0	
77 Dibromomethane	93	5.181	5.181	0.000	95	43499	20.0	19.4	
74 Methyl methacrylate	69	5.219	5.219	0.000	80	64171	40.0	33.6	
75 1,4-Dioxane	88	5.219	5.219	0.000	31	18273	400.0	442.9	
76 n-Propyl acetate	43	5.301	5.301	0.000	98	58807	20.0	16.8	
78 Dichlorobromomethane	83	5.377	5.377	0.000	99	83815	20.0	18.2	
79 2-Nitropropane	41	5.644	5.644	0.000	97	20462	40.0	31.8	
67 2-Chloroethyl vinyl ether	63	5.759	5.759	0.000	73	5796	20.0	14.0	
80 Epichlorohydrin	57	5.808	5.808	0.000	99	98307	400.0	406.6	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	91	87306	20.0	18.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.146	6.146	0.000	95	240770	100.0	94.4	
$ 83 Toluene-d8 (Surr)	98	6.250	6.250	0.000	99	573812	50.0	52.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.337	6.337	0.000	93	277193	20.0	20.6	
85 trans-1,3-Dichloropropene	75	6.632	6.632	0.000	97	74002	20.0	17.6	
86 Ethyl methacrylate	69	6.817	6.817	0.000	86	63075	20.0	16.6	
87 1,1,2-Trichloroethane	83	6.867	6.867	0.000	93	41855	20.0	19.4	
88 Tetrachloroethene	166	7.058	7.058	0.000	98	80723	20.0	22.5	
89 1,3-Dichloropropane	76	7.096	7.096	0.000	90	74474	20.0	18.5	
90 2-Hexanone	43	7.265	7.265	0.000	94	135059	100.0	90.1	
92 Chlorodibromomethane	129	7.396	7.396	0.000	97	61432	20.0	17.4	
91 n-Butyl acetate	43	7.489	7.489	0.000	98	60650	20.0	15.3	
93 Ethylene Dibromide	107	7.527	7.527	0.000	98	53991	20.0	18.3	
* 94 Chlorobenzene-d5	117	8.225	8.225	0.000	83	378436	50.0	50.0	
95 Chlorobenzene	112	8.269	8.269	0.000	98	181270	20.0	20.6	
97 1,1,1,2-Tetrachloroethane	131	8.416	8.416	0.000	96	82361	20.0	19.5	
96 Ethylbenzene	106	8.471	8.471	0.000	97	104740	20.0	20.7	
98 m-Xylene & p-Xylene	106	8.656	8.656	0.000	0	127937	20.0	19.9	
100 o-Xylene	106	9.169	9.169	0.000	94	136424	20.0	20.3	
101 Styrene	104	9.191	9.191	0.000	96	194756	20.0	19.3	
99 n-Butyl acrylate	73	9.213	9.213	0.000	98	40581	20.0	19.7	
103 Bromoform	173	9.371	9.371	0.000	96	40797	20.0	16.6	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	91	76603	20.0	16.7	
104 Isopropylbenzene	105	9.622	9.622	0.000	95	384207	20.0	21.9	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	97	190211	50.0	52.7	
106 Bromobenzene	156	9.900	9.900	0.000	88	87972	20.0	18.9	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.949	0.000	97	81914	20.0	18.3	
109 1,2,3-Trichloropropane	110	9.971	9.971	0.000	96	24126	20.0	19.0	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.009	0.000	94	15204	20.0	15.4	
108 N-Propylbenzene	91	10.059	10.059	0.000	100	420584	20.0	20.5	
111 2-Chlorotoluene	91	10.119	10.119	0.000	97	243634	20.0	19.8	
112 4-Ethyltoluene	105	10.179	10.179	0.000	99	357589	20.0	20.4	
114 4-Chlorotoluene	91	10.228	10.228	0.000	97	260003	20.0	19.6	
113 1,3,5-Trimethylbenzene	105	10.250	10.250	0.000	93	324254	20.0	20.0	
115 Butyl Methacrylate	87	10.386	10.386	0.000	87	80798	20.0	17.6	
116 tert-Butylbenzene	119	10.550	10.550	0.000	94	250399	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	10.593	10.593	0.000	97	331029	20.0	18.9	
118 sec-Butylbenzene	105	10.752	10.752	0.000	99	420341	20.0	20.5	
120 1,3-Dichlorobenzene	146	10.817	10.817	0.000	98	177878	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	10.882	10.882	0.000	94	238963	50.0	50.0	
119 4-Isopropyltoluene	119	10.888	10.888	0.000	98	380754	20.0	21.1	
122 1,4-Dichlorobenzene	146	10.899	10.899	0.000	97	180356	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.959	10.959	0.000	98	347179	20.0	19.2	
124 Benzyl chloride	91	11.024	11.024	0.000	99	152969	20.0	18.5	
125 2,3-Dihydroindene	117	11.117	11.117	0.000	94	328061	20.0	19.7	
128 1,2-Dichlorobenzene	146	11.210	11.210	0.000	98	188465	20.0	20.6	
126 p-Diethylbenzene	119	11.215	11.215	0.000	95	201741	20.0	21.3	a
127 n-Butylbenzene	92	11.237	11.237	0.000	97	199975	20.0	21.8	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.832	0.000	97	356976	20.0	19.1	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	83	23628	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	12.006	12.006	0.000	98	169597	20.0	21.5	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	93	158944	20.0	21.2	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	93	71952	20.0	22.3	
134 Naphthalene	128	12.628	12.628	0.000	99	356910	20.0	19.0	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	96	155158	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.1	
S 137 Xylenes, Total	100				0		40.0	40.3	
S 139 Total BTEX	1				0		100.0	102.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00478	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
8260ISNEW_00123	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jun-2022 10:30:44 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D

Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9 Operator ID:

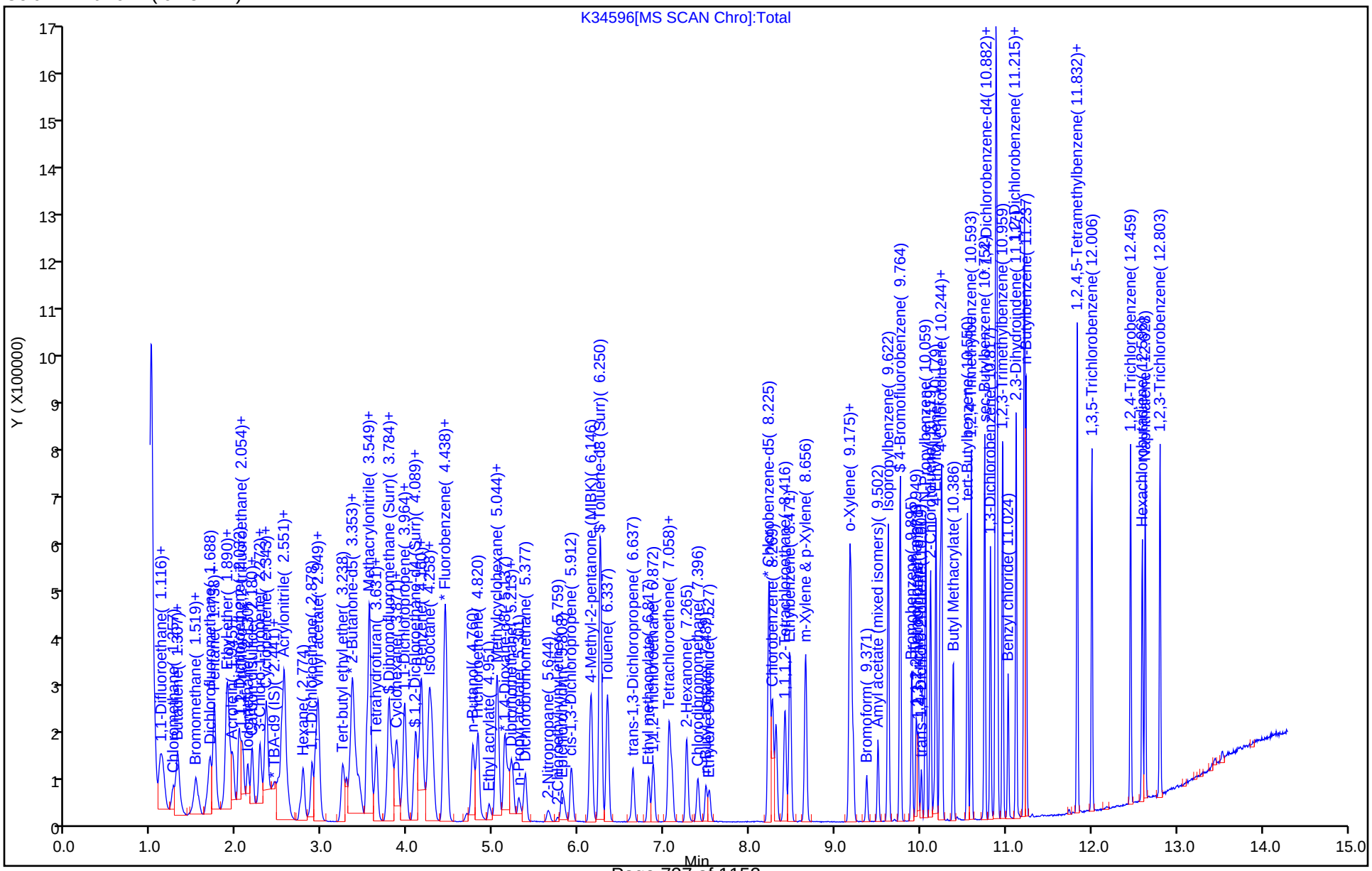
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

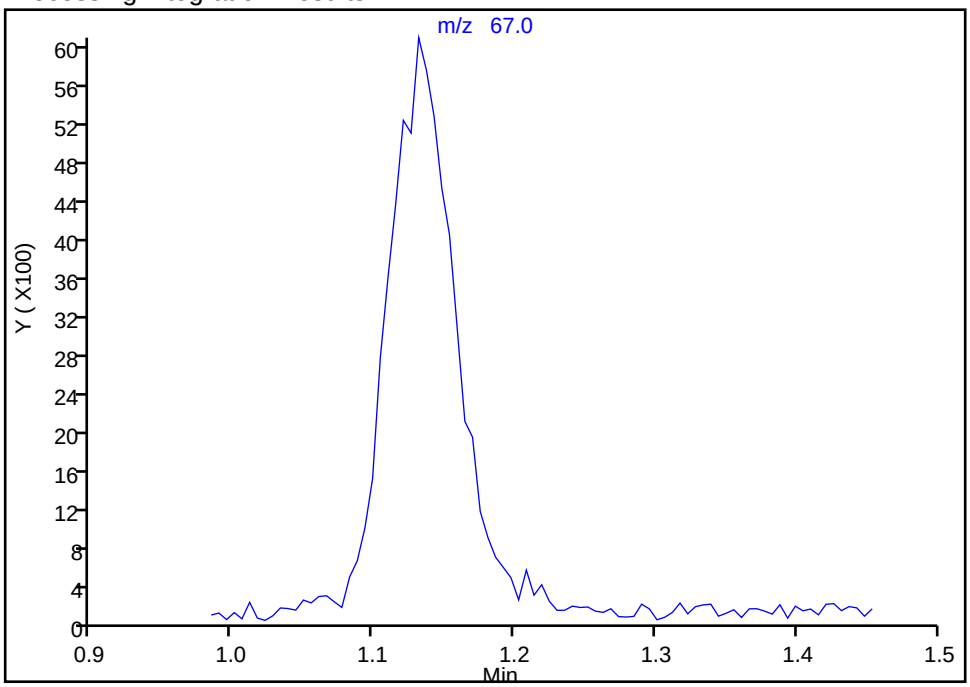
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Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

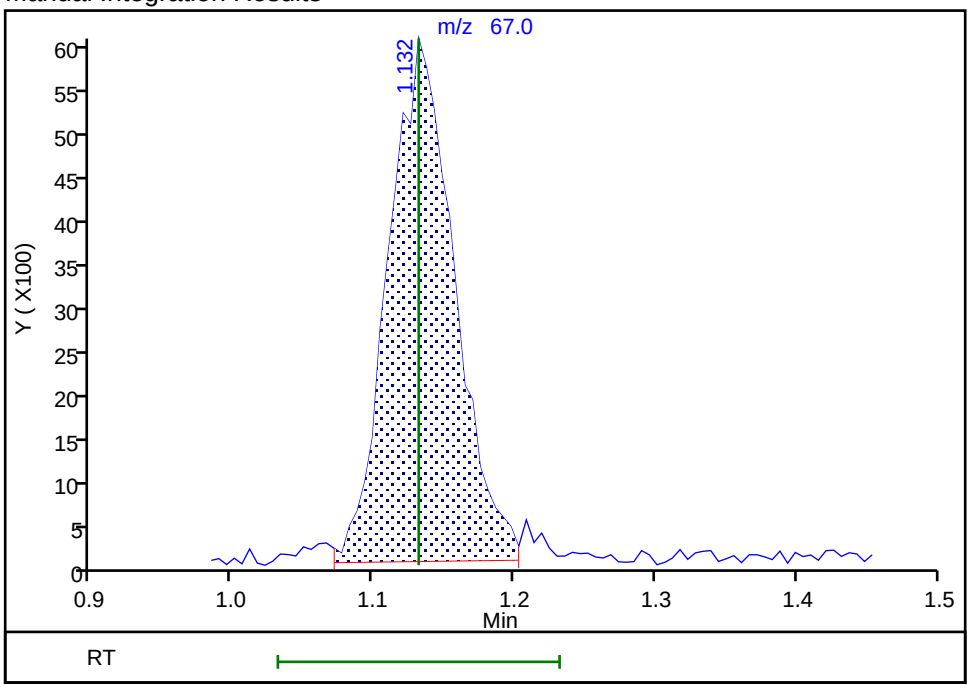
Not Detected
Expected RT: 1.13

Processing Integration Results



Manual Integration Results

RT: 1.13
Area: 19356
Amount: 23.006488
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:33:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

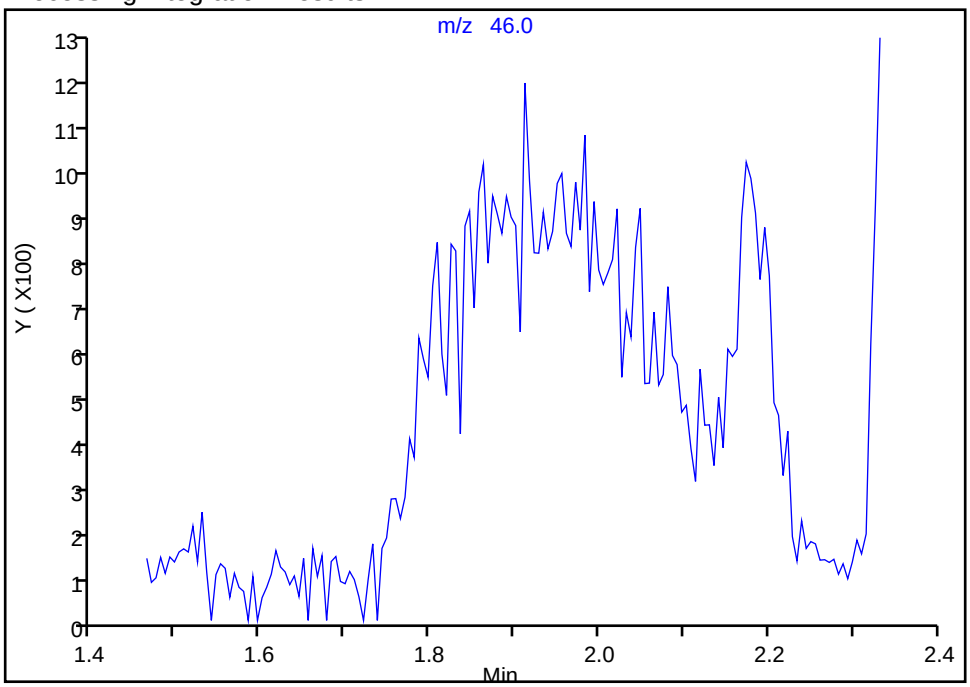
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Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

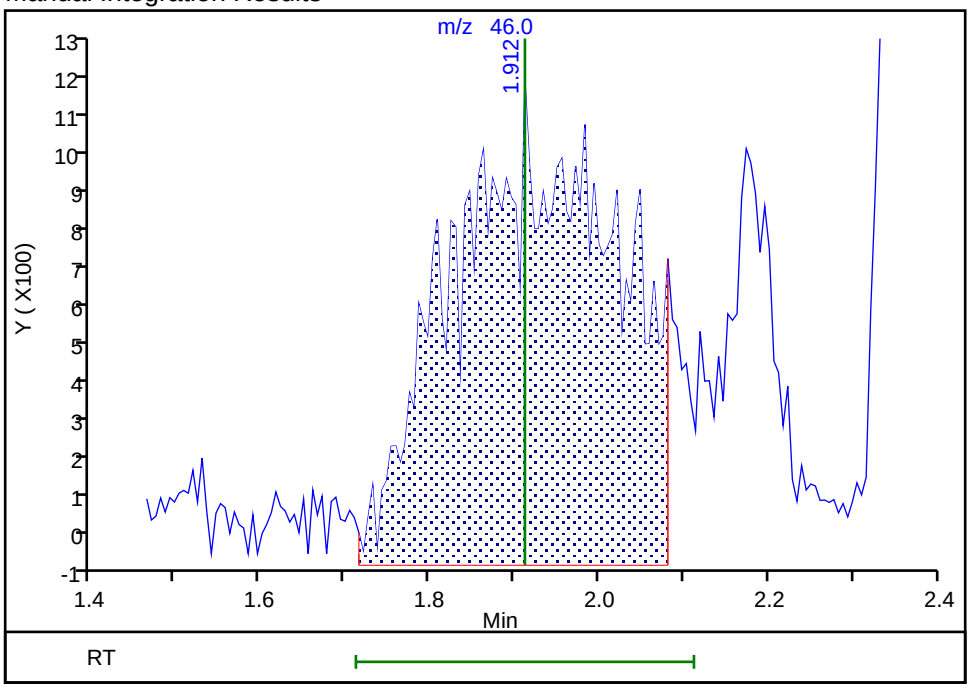
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 15633
Amount: 700.4802
Amount Units: ug/l



Reviewer: delpolitov, 02-Jun-2022 10:30:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

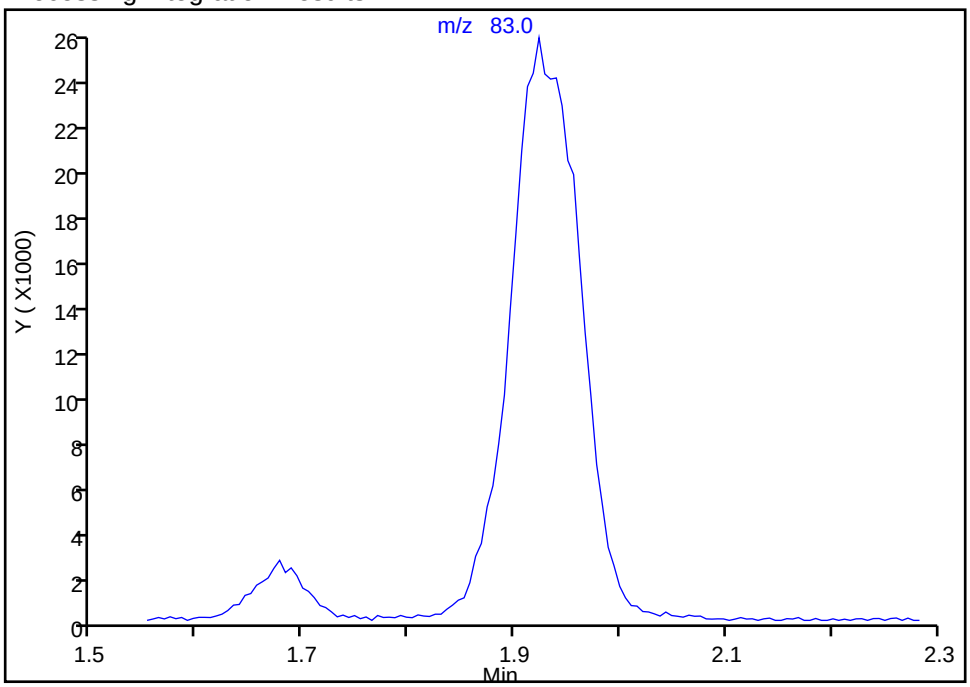
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Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

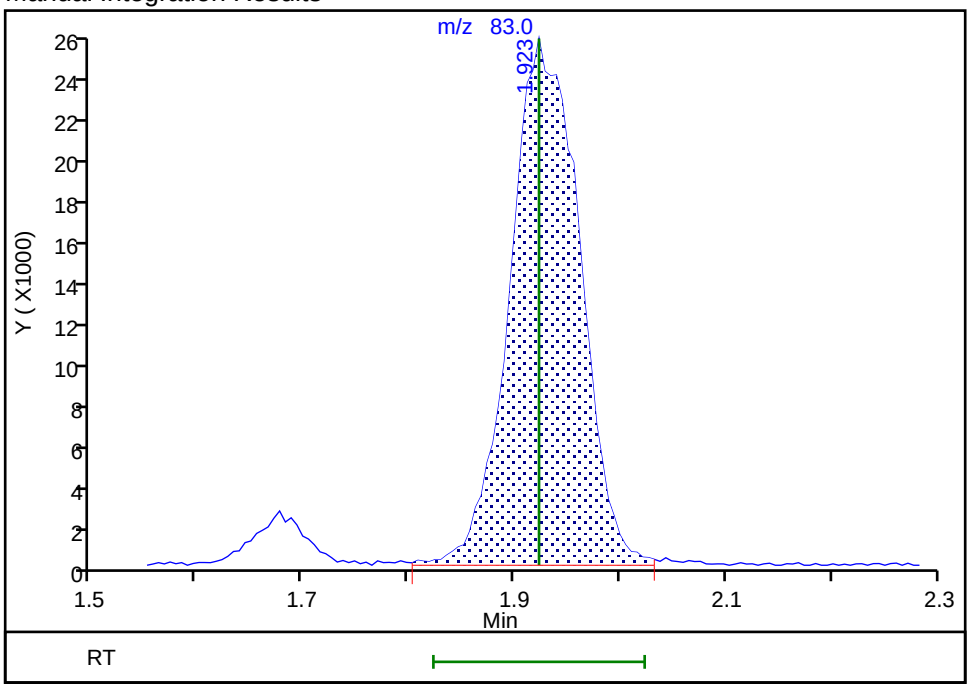
Not Detected
Expected RT: 1.92

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 116696
Amount: 23.859736
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:34:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

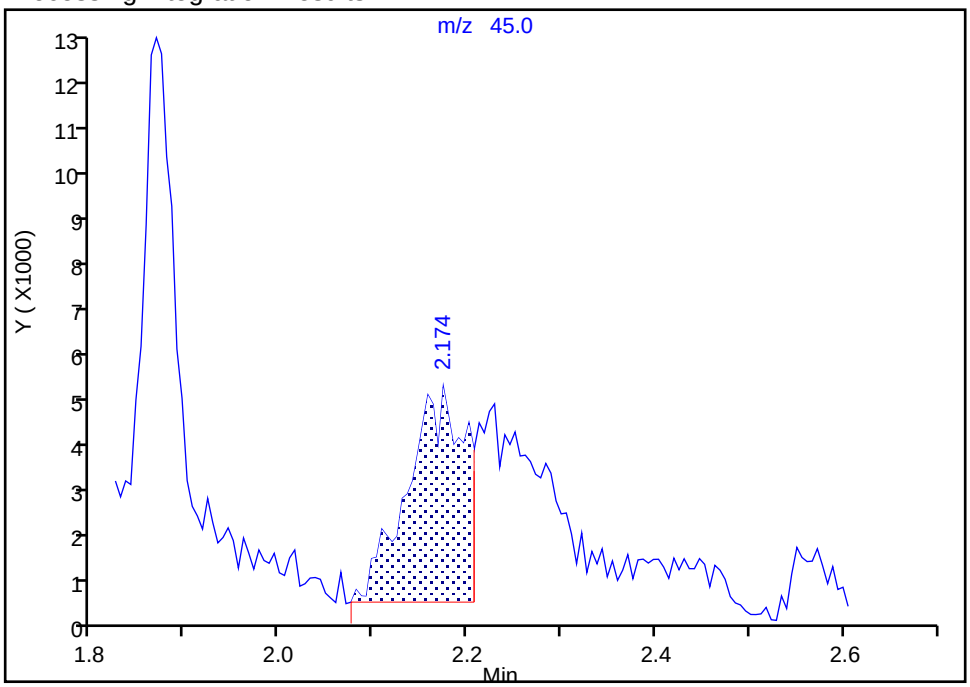
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Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

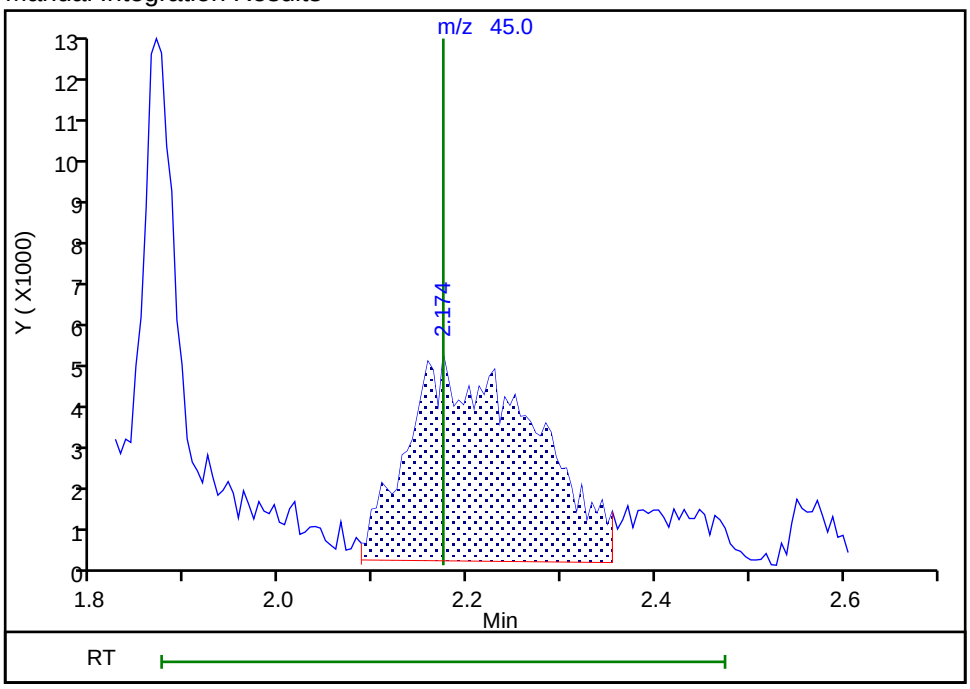
Processing Integration Results

RT: 2.17
Area: 17416
Amount: 74.922223
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 40334
Amount: 173.5136
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:34:23
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

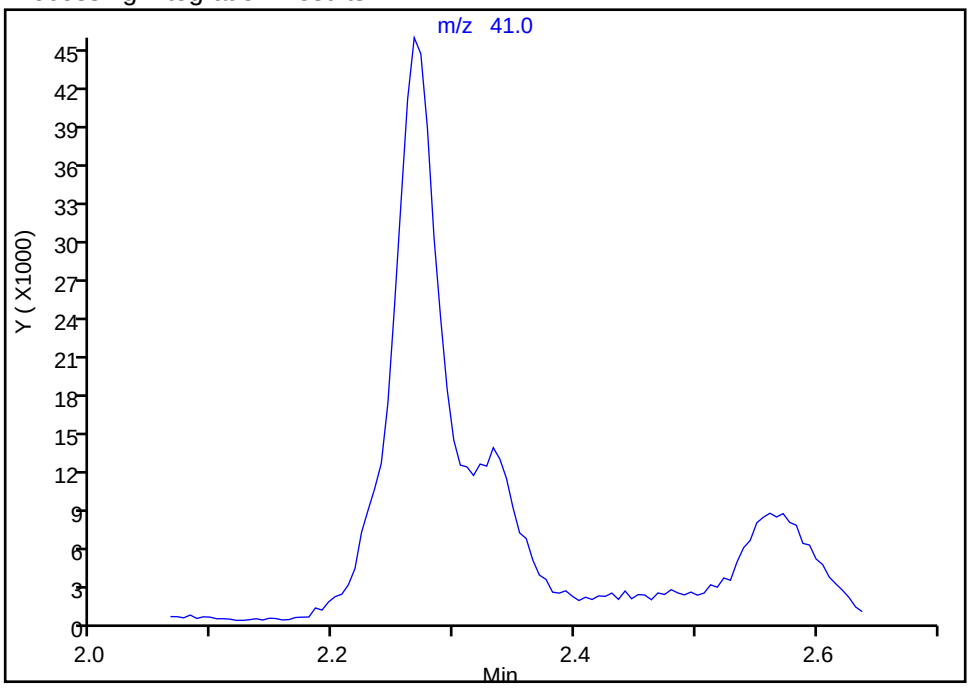
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Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

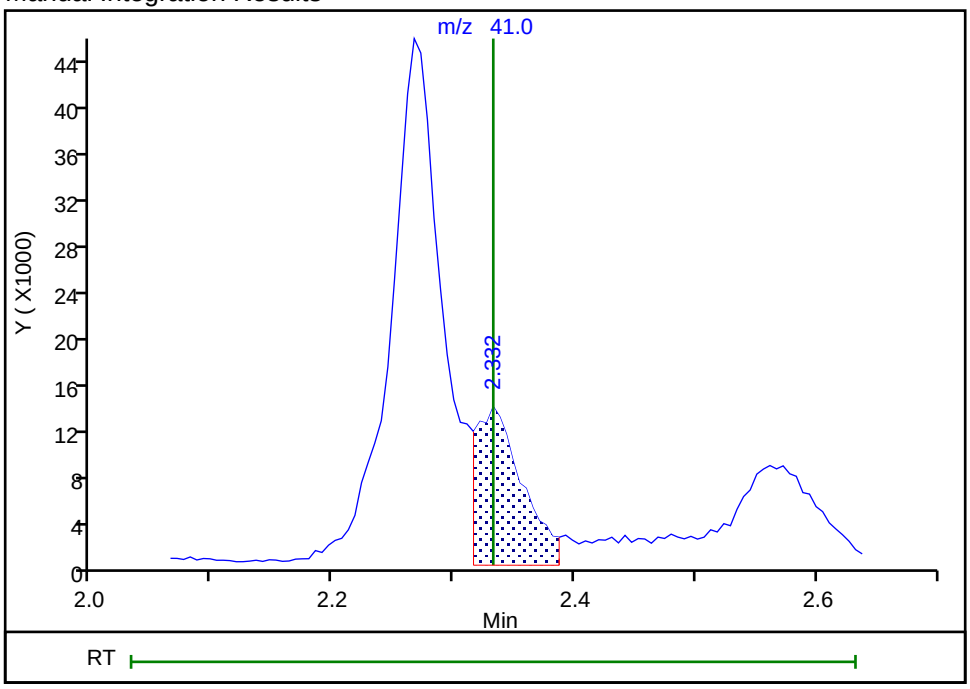
Not Detected
Expected RT: 2.33

Processing Integration Results



Manual Integration Results

RT: 2.33
Area: 37049
Amount: 191.0549
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:34:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

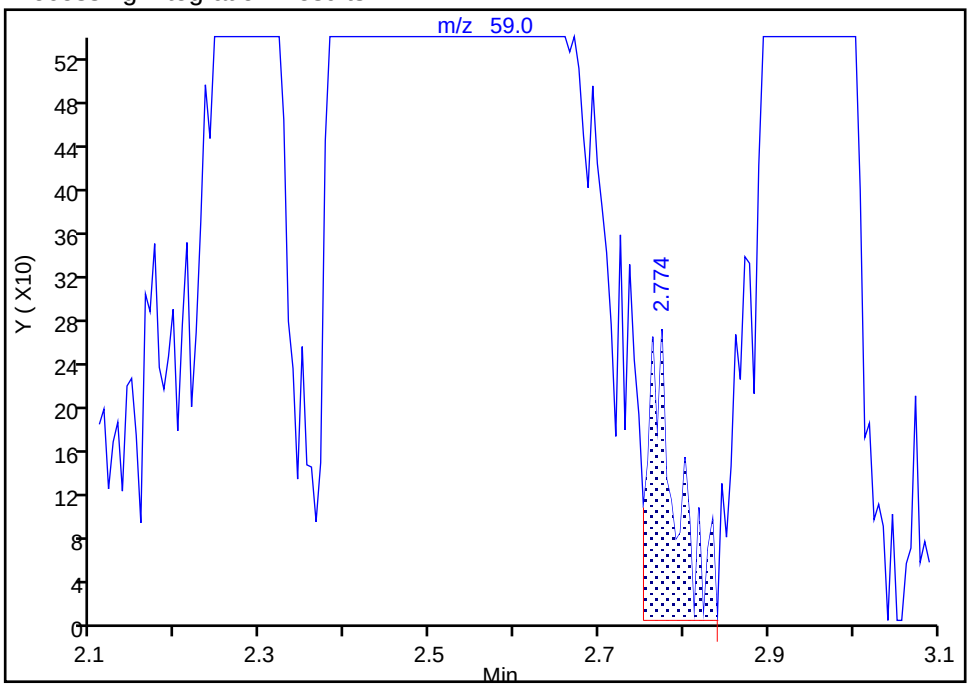
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Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

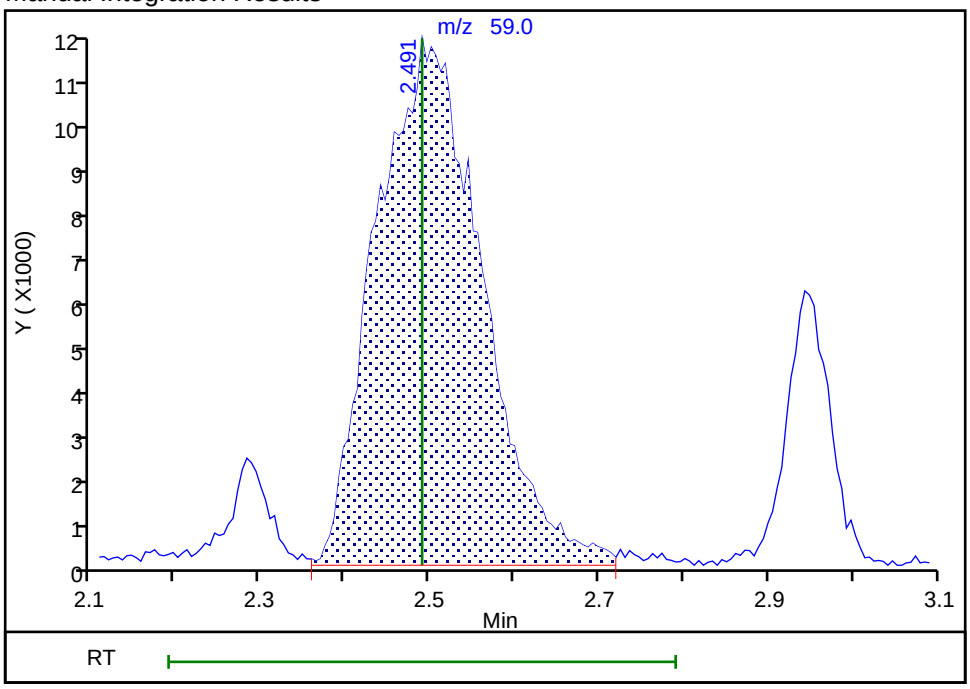
Processing Integration Results

RT: 2.77
Area: 600
Amount: 1.097215
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 101966
Amount: 186.4644
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:34:42
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

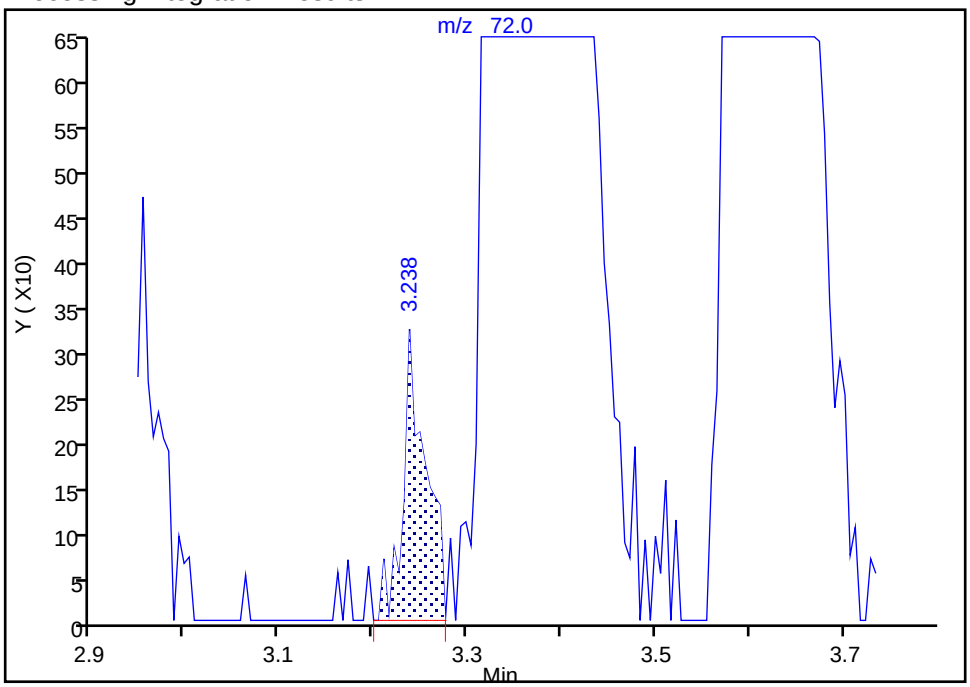
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

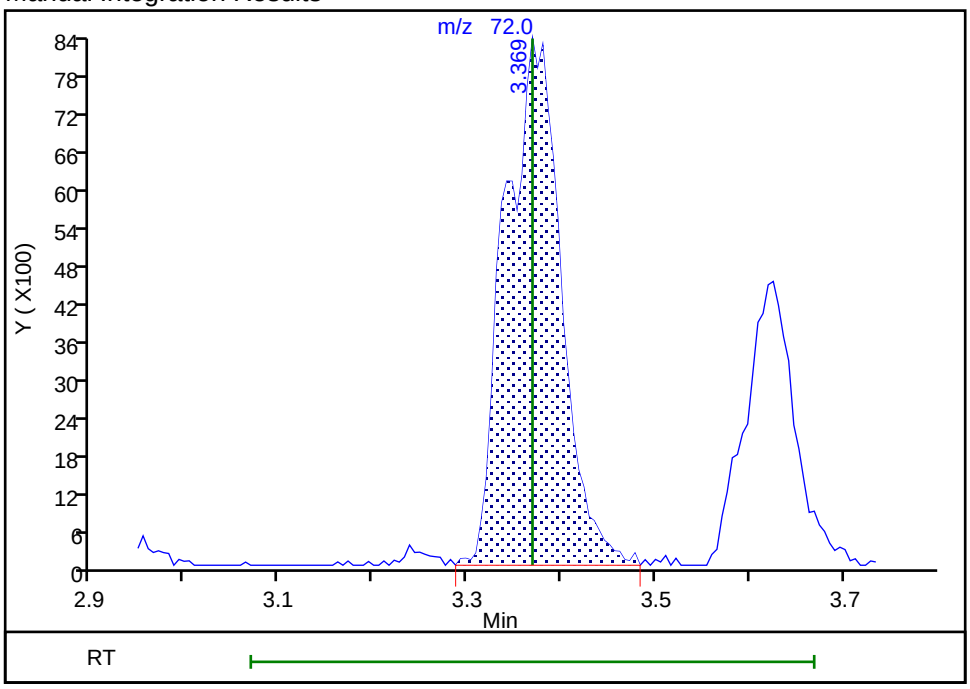
Processing Integration Results

RT: 3.24
Area: 539
Amount: -2.816557
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 34848
Amount: 106.0971
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:34:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

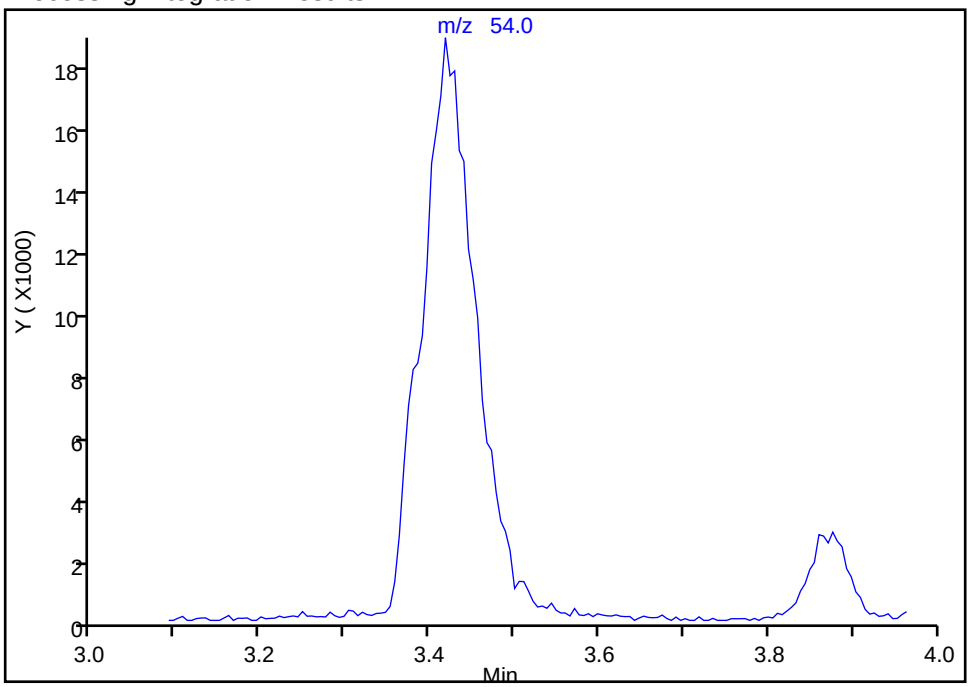
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

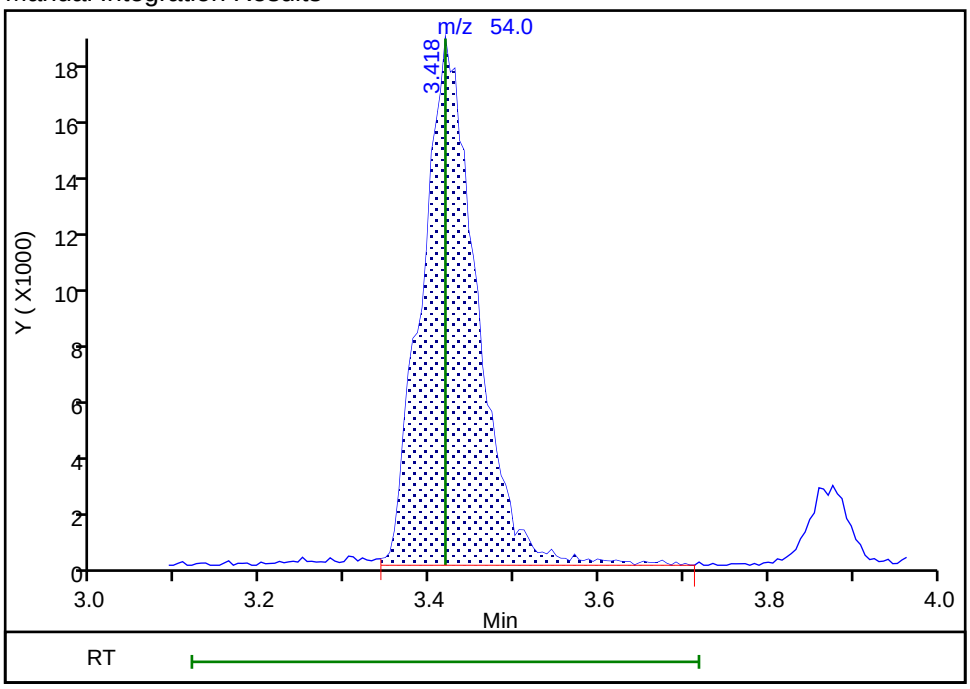
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 83947
Amount: 190.2798
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:35:00
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

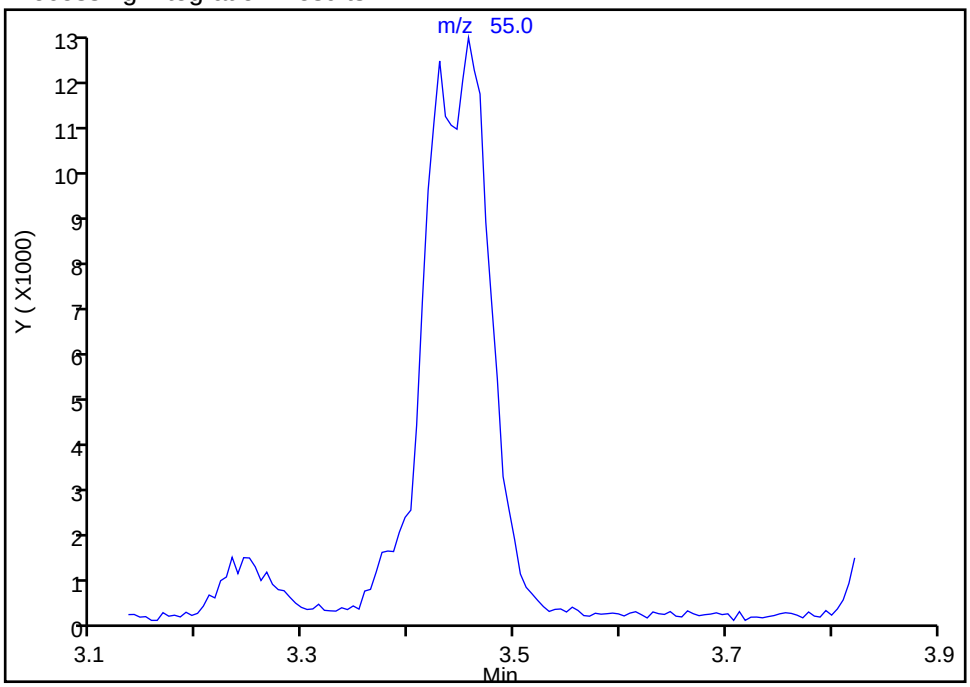
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

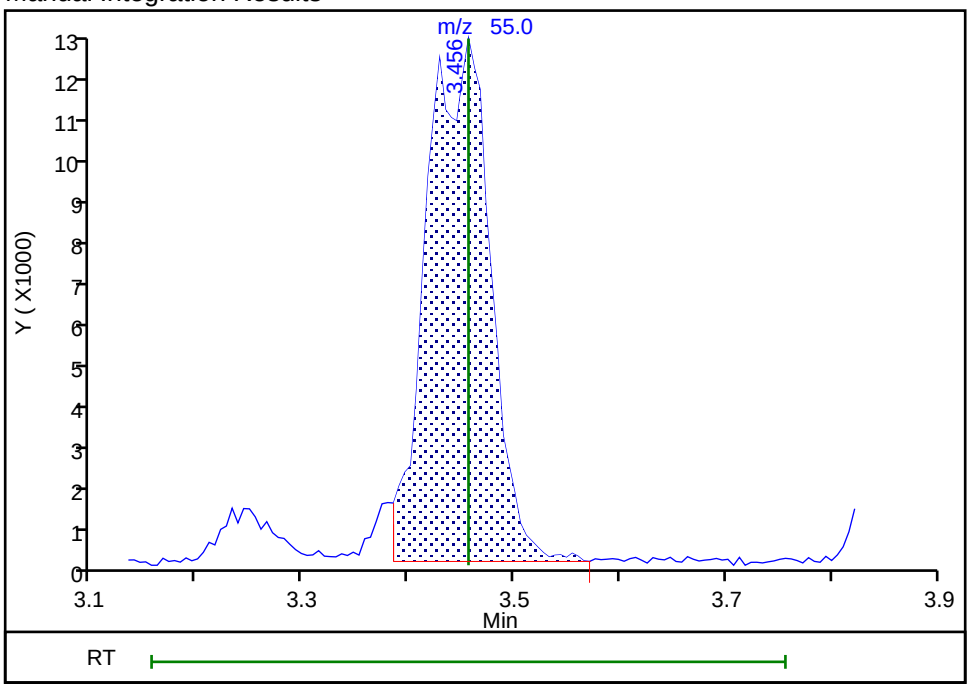
Not Detected
Expected RT: 3.46

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 52182
Amount: 16.880117
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:35:06
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

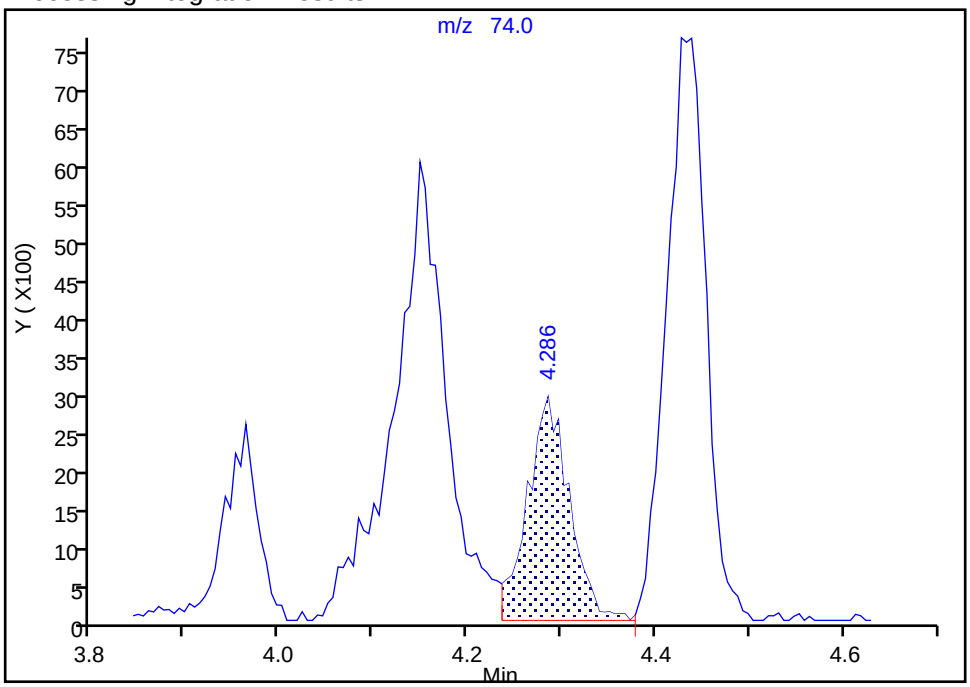
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

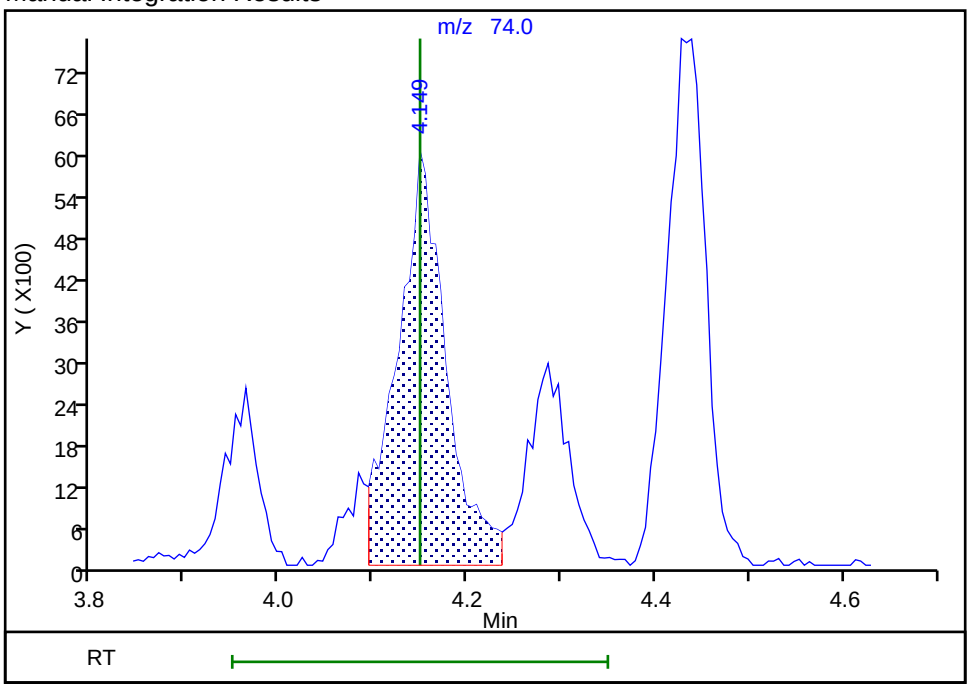
Processing Integration Results

RT: 4.29
Area: 9141
Amount: 186.2851
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 21662
Amount: 441.4514
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:36:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

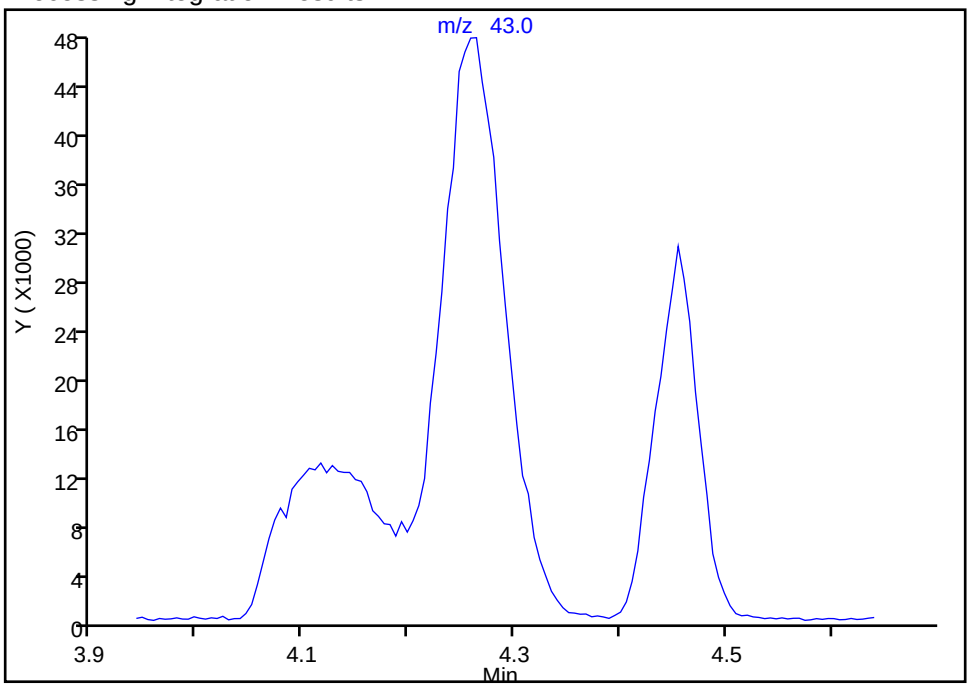
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

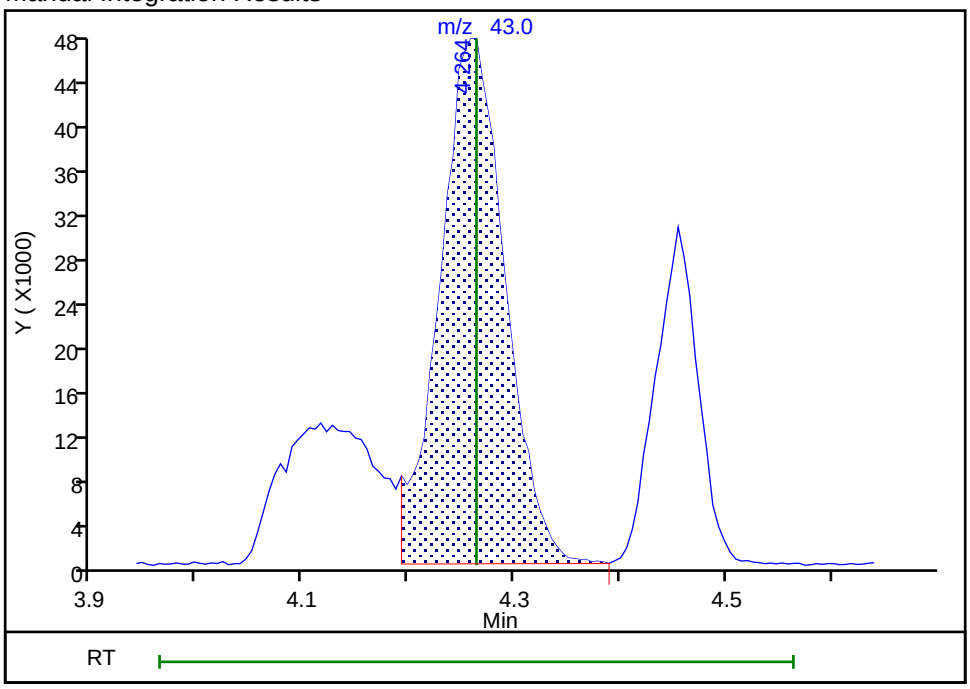
Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 203684
Amount: 17.443981
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:35:43
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

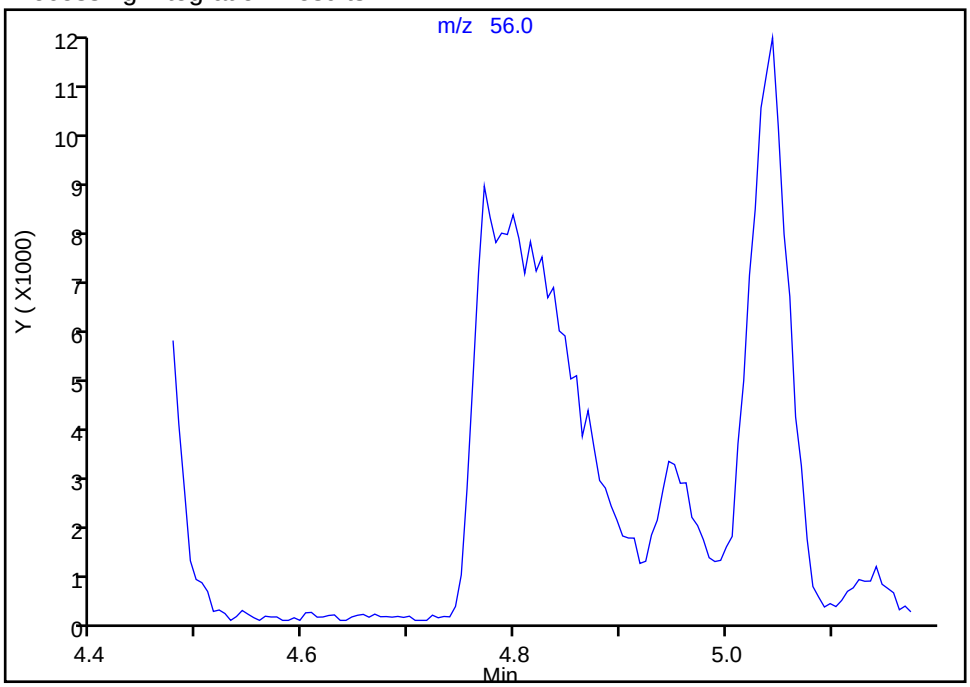
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

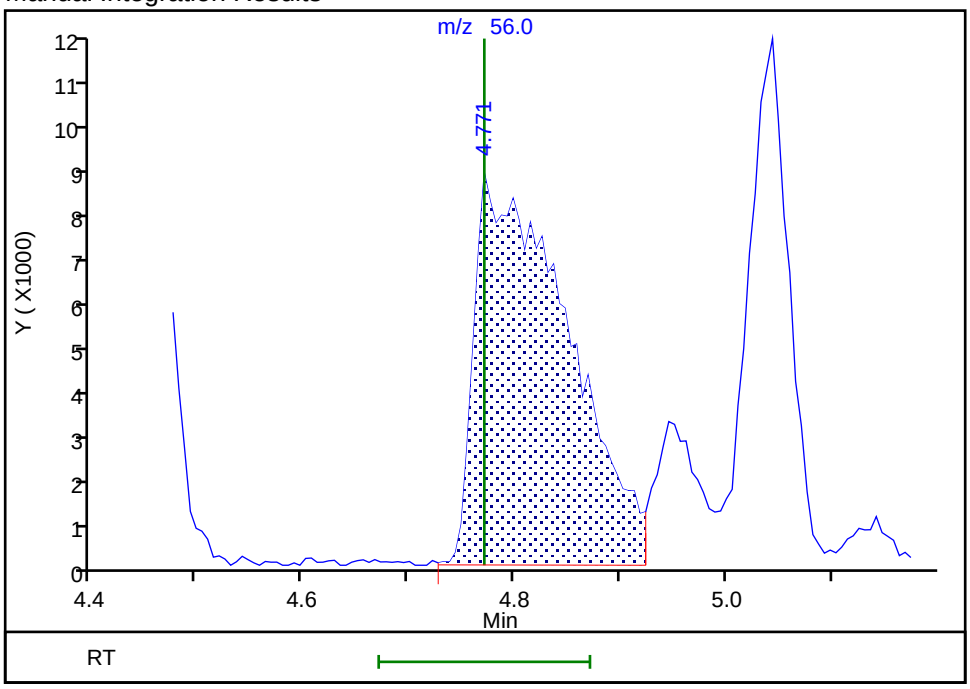
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.77
Area: 51118
Amount: 537.9506
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:36:17
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

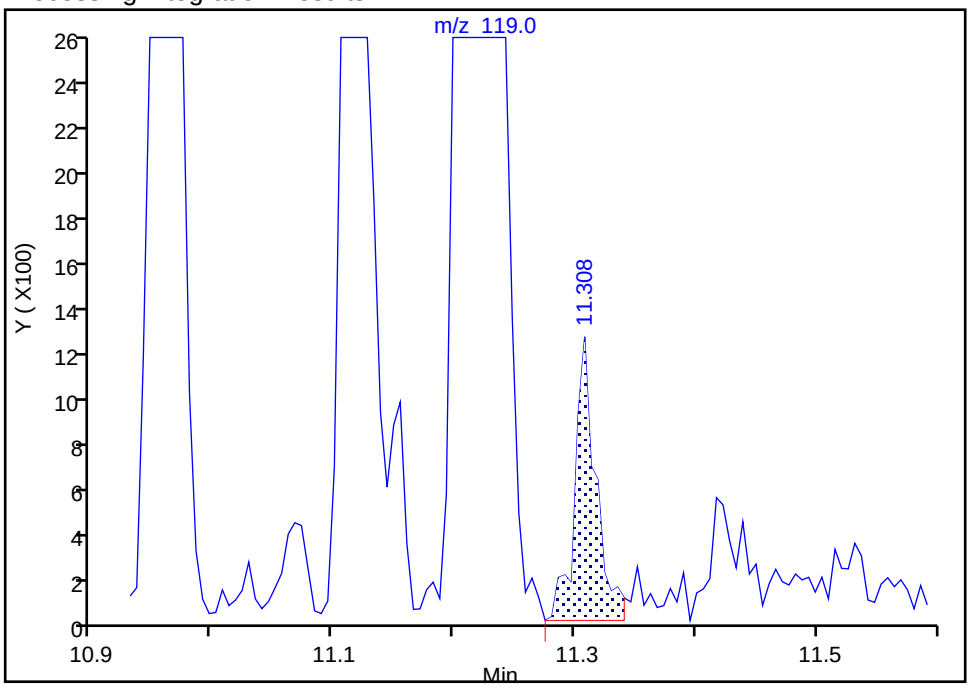
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34596.D
Injection Date: 02-Jun-2022 04:16:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

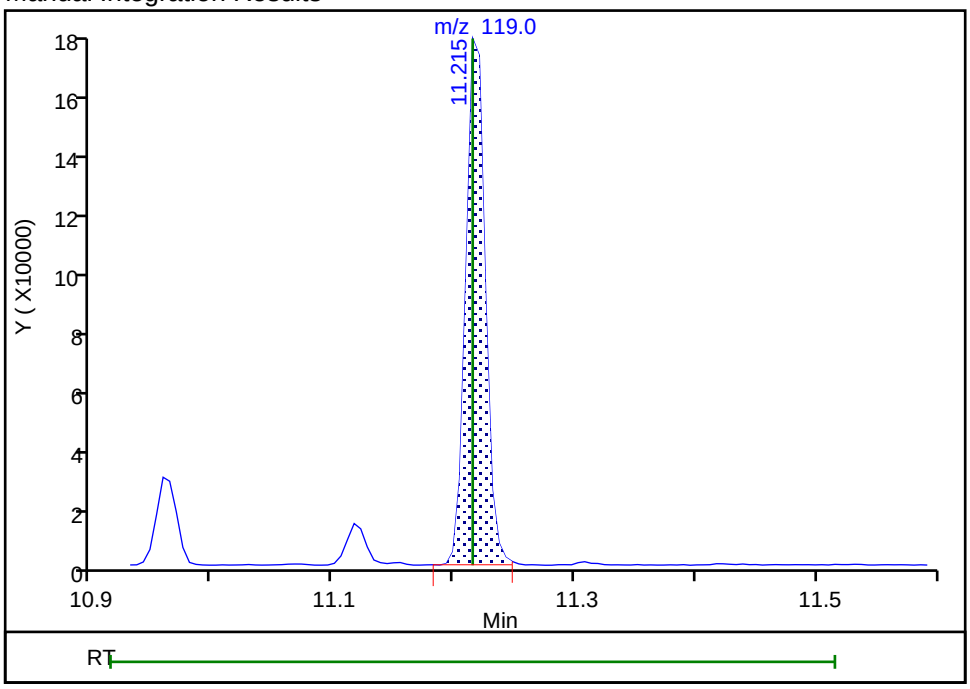
Processing Integration Results

RT: 11.31
Area: 1463
Amount: 0.154805
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 201741
Amount: 21.346931
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:37:01
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87418.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	18-May-2022 11:35:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0145428-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\8260S_2.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	18-May-2022 18:22:33	Calib Date:	18-May-2022 14:38:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1614				
First Level Reviewer: starzecm		Date:	18-May-2022 11:44:02		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	1.714	1.714	0.000	87	47564	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

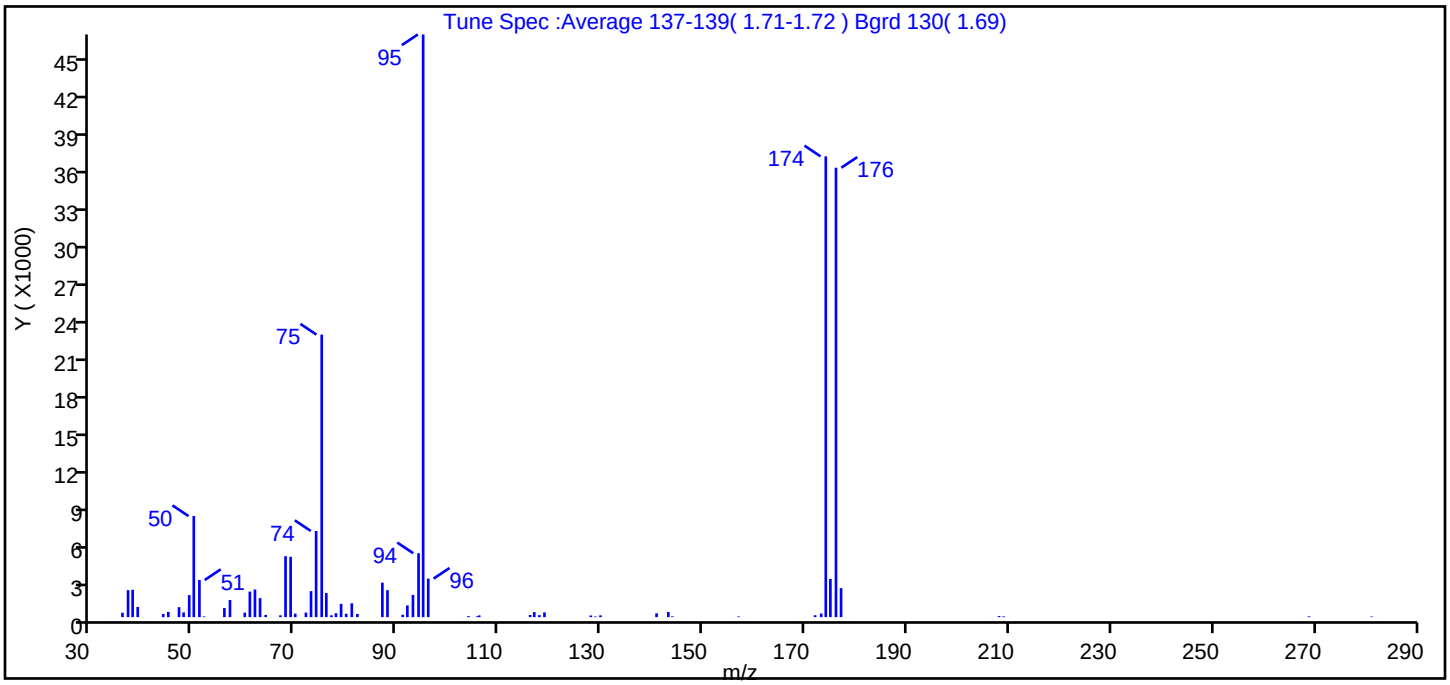
BFB_00031 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87418.D
Injection Date: 18-May-2022 11:35:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 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	48.5
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.6 (0.8)
174	50 to 120% of m/z 95	79.1
175	5 to 9% of m/z 174	6.6 (8.3)
176	Greater than 95% but less than 101% of m/z 174	77.1 (97.5)
177	5 to 9% of m/z 176	5.0 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87418.D\8260S_2.rslt\spectra.d
Injection Date: 18-May-2022 11:35:30
Spectrum: Tune Spec :Average 137-139(1.71-1.72) Bgrd 130(1.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	346	63.00	1505	87.00	2736	130.00	143
37.00	2139	64.00	179	88.00	2136	141.00	304
38.00	2168	67.00	146	91.00	187	143.00	404
39.00	810	68.00	4832	92.00	928	144.00	59
44.00	247	69.00	4780	93.00	1765	157.00	52
45.00	415	70.00	277	94.00	5066	172.00	149
47.00	789	72.00	362	95.00	46176	173.00	282
48.00	377	73.00	2062	96.00	3053	174.00	36520
49.00	1747	74.00	6828	104.00	80	175.00	3034
50.00	8011	75.00	22392	106.00	63	176.00	35616
51.00	2944	76.00	1908	106.00	138	177.00	2298
52.00	56	77.00	147	116.00	172	208.00	85
56.00	718	78.00	309	117.00	404	209.00	58
57.00	1361	79.00	1053	118.00	159	269.00	64
60.00	356	80.00	265	119.00	374	281.00	50
61.00	2027	81.00	1096	128.00	133		
62.00	2192	82.00	256	129.00	53		

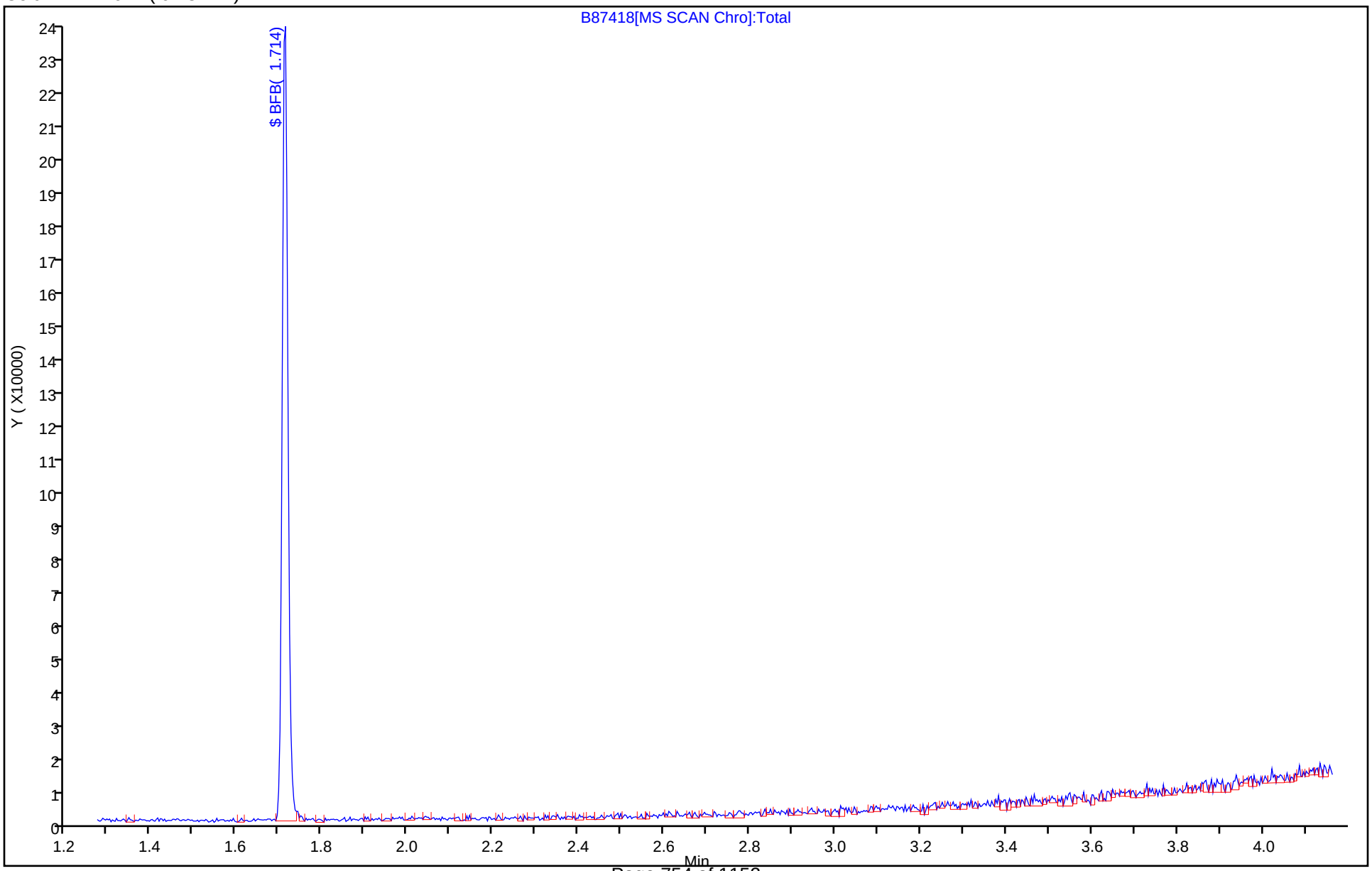
Report Date: 18-May-2022 18:22:33 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87418.D

Injection Date:	18-May-2022 11:35:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34448.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	25-May-2022 10:41:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0145738-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\8260S9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	26-May-2022 21:25:27	Calib Date:	25-May-2022 13:37:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1601				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.859	2.859	0.000	89	264805	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

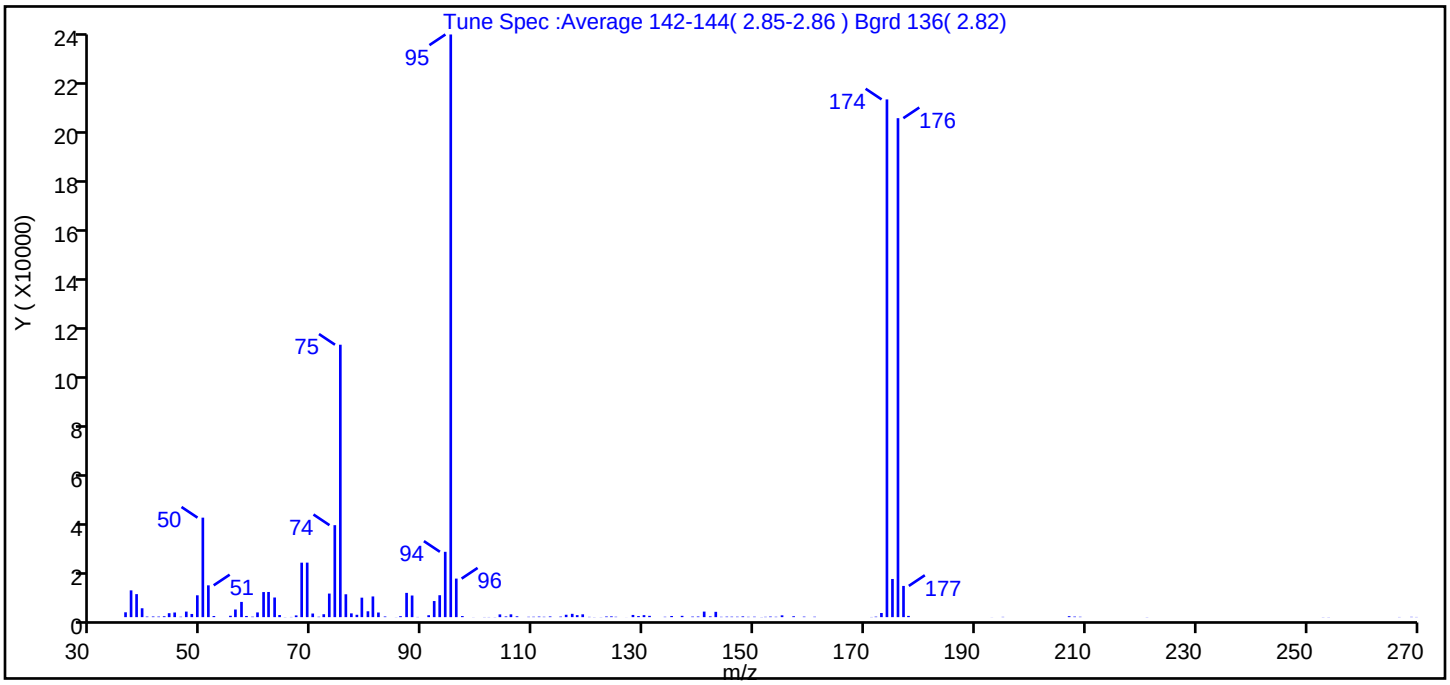
BFB_00031 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34448.D
Injection Date: 25-May-2022 10:41:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.1
75	30 to 60% of m/z 95	46.8
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.7 (0.8)
174	50 to 120% of m/z 95	88.9
175	5 to 9% of m/z 174	6.5 (7.4)
176	Greater than 95% but less than 101% of m/z 174	85.6 (96.4)
177	5 to 9% of m/z 176	5.4 (6.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34448.D\8260S9.rslt\spectra.d
Injection Date: 25-May-2022 10:41:30
Spectrum: Tune Spec :Average 142-144(2.85-2.86) Bgrd 136(2.82)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1938	71.00	161	109.00	141	148.00	297
37.00	10688	72.00	1166	110.00	162	149.00	135
38.00	9186	73.00	9411	111.00	227	150.00	178
39.00	3545	74.00	36712	112.00	150	151.00	57
40.00	228	75.00	108744	113.00	281	152.00	127
41.00	260	76.00	9130	115.00	215	153.00	236
42.00	224	77.00	1509	116.00	955	154.00	152
43.00	356	78.00	944	117.00	1324	155.00	722
44.00	1576	79.00	7777	118.00	798	157.00	360
45.00	1853	80.00	2345	119.00	1127	159.00	210
46.00	171	81.00	8263	120.00	112	161.00	168
47.00	2223	82.00	1846	121.00	53	171.00	68
48.00	1272	83.00	266	122.00	55	172.00	194
49.00	8722	85.00	40	123.00	265	173.00	1659
50.00	39712	86.00	374	124.00	307	174.00	206656
51.00	12696	87.00	9684	125.00	156	175.00	15231
52.00	441	88.00	8634	127.00	20	176.00	199168
55.00	543	89.00	79	128.00	878	177.00	12460
56.00	3052	91.00	755	129.00	424	178.00	501
57.00	6081	92.00	6428	130.00	796	193.00	31
58.00	469	93.00	8748	131.00	522	195.00	109
59.00	188	94.00	26080	134.00	150	207.00	377
60.00	1884	95.00	232576	135.00	462	208.00	222
61.00	10010	96.00	15383	137.00	520	209.00	151
62.00	10046	97.00	434	139.00	222	221.00	55
63.00	7839	99.00	36	140.00	252	253.00	52
64.00	844	101.00	62	141.00	2216	254.00	53
65.00	54	102.00	65	142.00	298	267.00	68
66.00	77	103.00	55	143.00	2122	269.00	118
67.00	689	104.00	1092	144.00	135	270.00	74
68.00	21744	105.00	286	145.00	202		
69.00	21760	106.00	1117	146.00	186		
70.00	1445	107.00	332	147.00	175		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1938	71.00	161	109.00	141	148.00	297
37.00	10688	72.00	1166	110.00	162	149.00	135
38.00	9186	73.00	9411	111.00	227	150.00	178
39.00	3545	74.00	36712	112.00	150	151.00	57
40.00	228	75.00	108744	113.00	281	152.00	127
41.00	260	76.00	9130	115.00	215	153.00	236
42.00	224	77.00	1509	116.00	955	154.00	152
43.00	356	78.00	944	117.00	1324	155.00	722
44.00	1576	79.00	7777	118.00	798	157.00	360
45.00	1853	80.00	2345	119.00	1127	159.00	210
46.00	171	81.00	8263	120.00	112	161.00	168
47.00	2223	82.00	1846	121.00	53	171.00	68
48.00	1272	83.00	266	122.00	55	172.00	194
49.00	8722	85.00	40	123.00	265	173.00	1659
50.00	39712	86.00	374	124.00	307	174.00	206656
51.00	12696	87.00	9684	125.00	156	175.00	15231
52.00	441	88.00	8634	127.00	20	176.00	199168
55.00	543	89.00	79	128.00	878	177.00	12460
56.00	3052	91.00	755	129.00	424	178.00	501
57.00	6081	92.00	6428	130.00	796	193.00	31
58.00	469	93.00	8748	131.00	522	195.00	109
59.00	188	94.00	26080	134.00	150	207.00	377
60.00	1884	95.00	232576	135.00	462	208.00	222
61.00	10010	96.00	15383	137.00	520	209.00	151
62.00	10046	97.00	434	139.00	222	221.00	55
63.00	7839	99.00	36	140.00	252	253.00	52
64.00	844	101.00	62	141.00	2216	254.00	53
65.00	54	102.00	65	142.00	298	267.00	68
66.00	77	103.00	55	143.00	2122	269.00	118
67.00	689	104.00	1092	144.00	135	270.00	74
68.00	21744	105.00	286	145.00	202		
69.00	21760	106.00	1117	146.00	186		
70.00	1445	107.00	332	147.00	175		

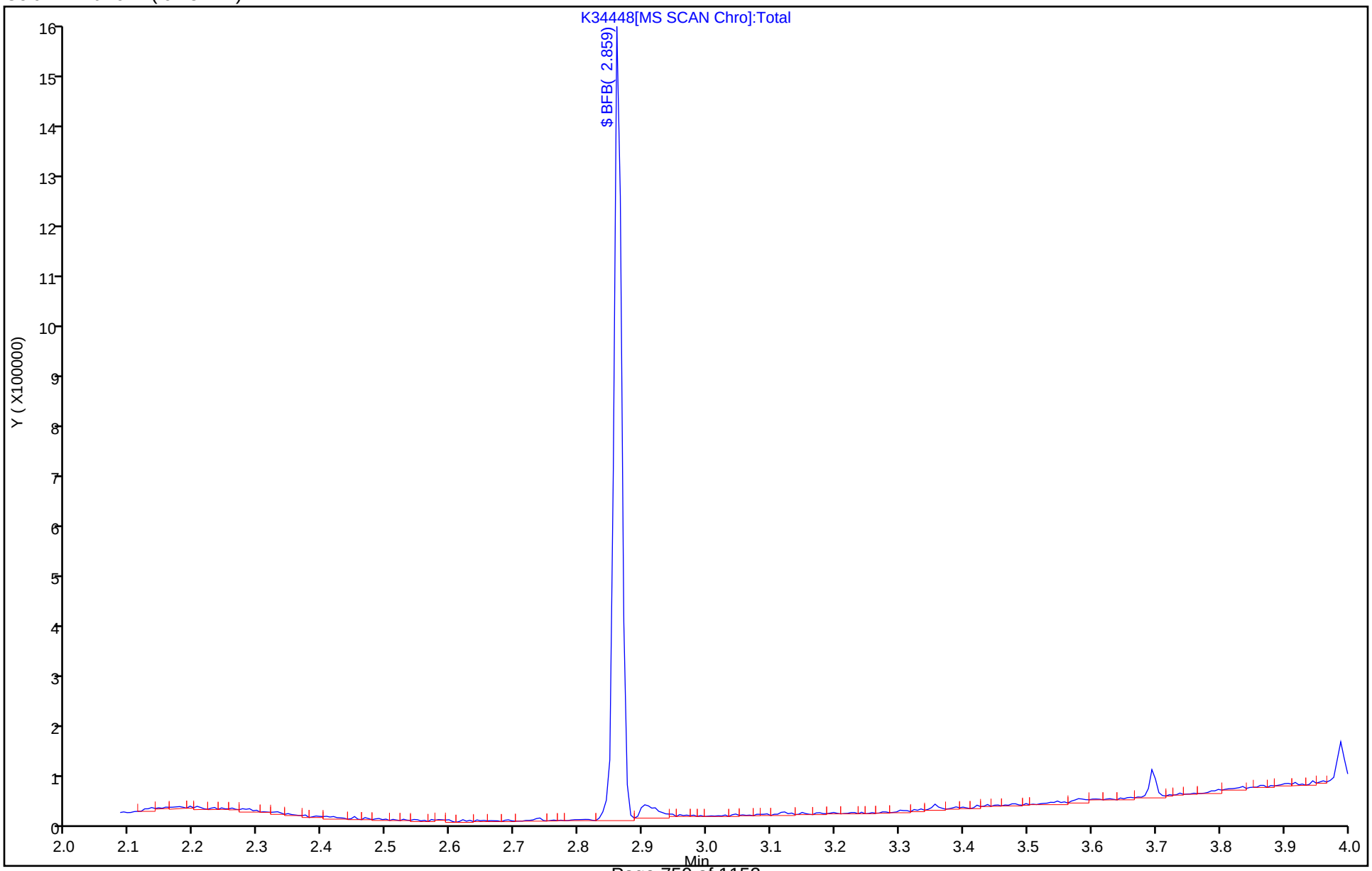
Report Date: 26-May-2022 21:25:27 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34448.D

Injection Date:	25-May-2022 10:41:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847356/8

Matrix: Solid | Lab File ID: B88101.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/31/2022 08:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.44	U	1.0	0.44
74-83-9	Bromomethane	1.0	U	2.0	1.0
75-01-4	Vinyl chloride	0.55	U	1.0	0.55
75-00-3	Chloroethane	0.52	U	1.0	0.52
75-09-2	Methylene Chloride	1.1	U	2.0	1.1
67-64-1	Acetone	5.7	U	6.0	5.7
75-15-0	Carbon disulfide	0.27	U	1.0	0.27
75-69-4	Trichlorofluoromethane	0.41	U	1.0	0.41
75-35-4	1,1-Dichloroethene	0.23	U	1.0	0.23
75-34-3	1,1-Dichloroethane	0.21	U	1.0	0.21
156-60-5	trans-1,2-Dichloroethene	0.25	U	1.0	0.25
156-59-2	cis-1,2-Dichloroethene	0.36	U	1.0	0.36
67-66-3	Chloroform	0.97	U	1.0	0.97
107-06-2	1,2-Dichloroethane	0.30	U	1.0	0.30
78-93-3	2-Butanone (MEK)	0.37	U	5.0	0.37
71-55-6	1,1,1-Trichloroethane	0.23	U	1.0	0.23
56-23-5	Carbon tetrachloride	0.39	U	1.0	0.39
75-27-4	Dichlorobromomethane	0.26	U	1.0	0.26
78-87-5	1,2-Dichloropropane	0.42	U	1.0	0.42
10061-01-5	cis-1,3-Dichloropropene	0.27	U	1.0	0.27
79-01-6	Trichloroethene	0.32	U	1.0	0.32
124-48-1	Chlorodibromomethane	0.19	U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	0.18	U	1.0	0.18
71-43-2	Benzene	0.26	U	1.0	0.26
10061-02-6	trans-1,3-Dichloropropene	0.27	U	1.0	0.27
75-25-2	Bromoform	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6
591-78-6	2-Hexanone	1.7	U	5.0	1.7
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21
108-88-3	Toluene	0.23	U	1.0	0.23
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
100-41-4	Ethylbenzene	0.20	U	1.0	0.20
100-42-5	Styrene	0.28	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847356/8

Matrix: Solid | Lab File ID: B88101.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/31/2022 08:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	0.17	U	1.0	0.17
95-47-6	o-Xylene	0.19	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30
1634-04-4	Methyl tert-butyl ether	0.51	U	1.0	0.51
110-82-7	Cyclohexane	0.22	U	1.0	0.22
106-93-4	Ethylene Dibromide	0.18	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	0.37	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.36	U	1.0	0.36
75-71-8	Dichlorodifluoromethane	0.34	U	1.0	0.34
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.0	0.36
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
74-97-5	Chlorobromomethane	0.28	U	1.0	0.28
98-82-8	Isopropylbenzene	0.29	U	1.0	0.29
79-20-9	Methyl acetate	4.3	U	5.0	4.3
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
2037-26-5	Toluene-d8 (Surr)	90		80-120
460-00-4	4-Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	121		73-139

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847356/8

Matrix: Solid | Lab File ID: B88101.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/31/2022 08:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 847356 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88101.D				
Lims ID:	MB				
Client ID:					
Sample Type:	MB				
Inject. Date:	31-May-2022 08:31:30	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	MB				
Misc. Info.:	460-0145937-008				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	31-May-2022 12:02:14	Calib Date:	18-May-2022 14:38:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1686				
First Level Reviewer: tupayachia		Date:	31-May-2022 09:26:21		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.532	1.538	-0.006	0	373776	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.276	2.276	0.000	0	272064	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.696	2.691	0.005	97	178624	50.0	60.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	153498	50.0	54.3	
* 60 Fluorobenzene	96	3.312	3.306	0.006	100	679312	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.117	4.105	0.012	0	21562	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.281	5.275	0.006	99	643018	50.0	44.9	
* 91 Chlorobenzene-d5	117	7.634	7.635	-0.001	83	581844	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.921	9.915	0.006	96	207368	50.0	51.3	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	93	307465	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

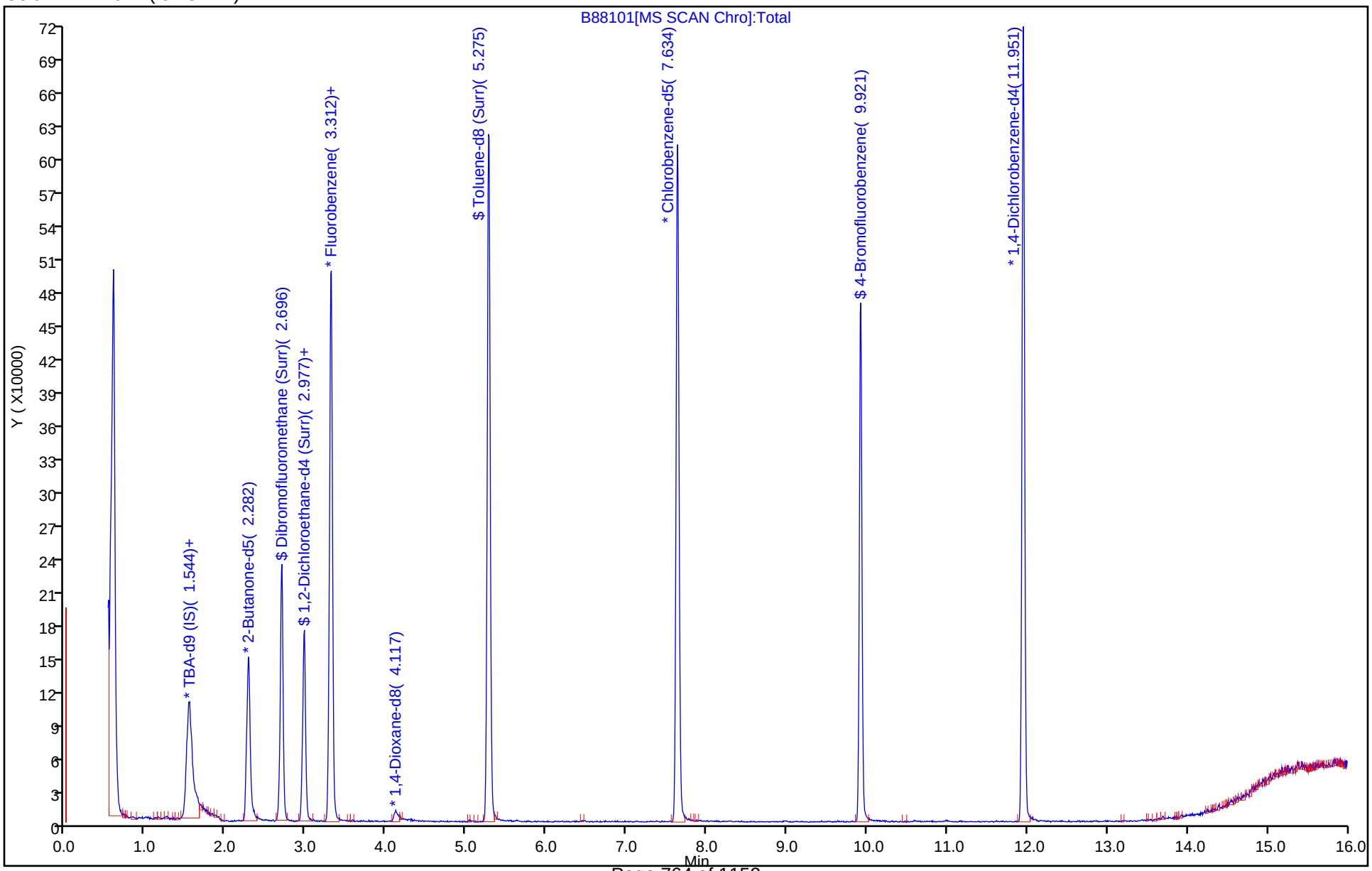
Report Date: 31-May-2022 12:02:31 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88101.D

Injection Date:	31-May-2022 08:31:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88101.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 31-May-2022 08:31:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0145937-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-May-2022 12:02:14 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1686

First Level Reviewer: tupayachia Date: 31-May-2022 09:26:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	60.5	120.93
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.3	108.52
$ 79 Toluene-d8 (Surr)	50.0	44.9	89.72
$ 103 4-Bromofluorobenzene	50.0	51.3	102.68

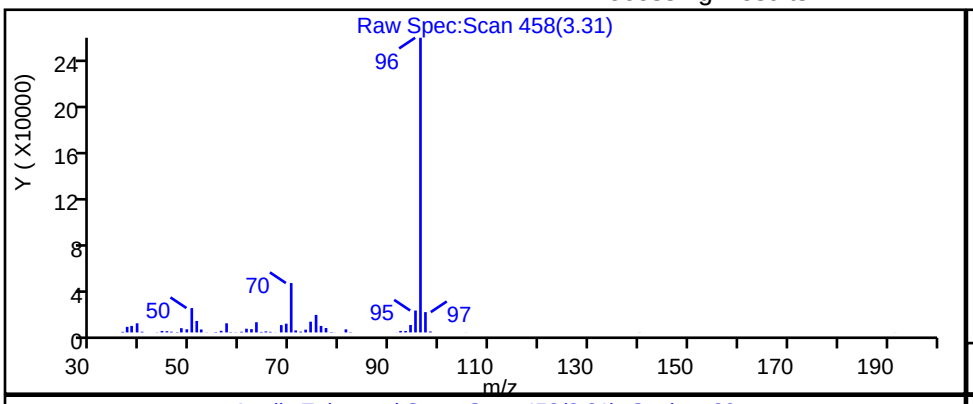
User Disabled Compound Report

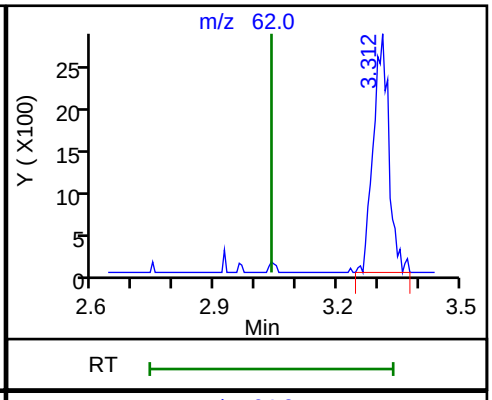
Eurofins Edison

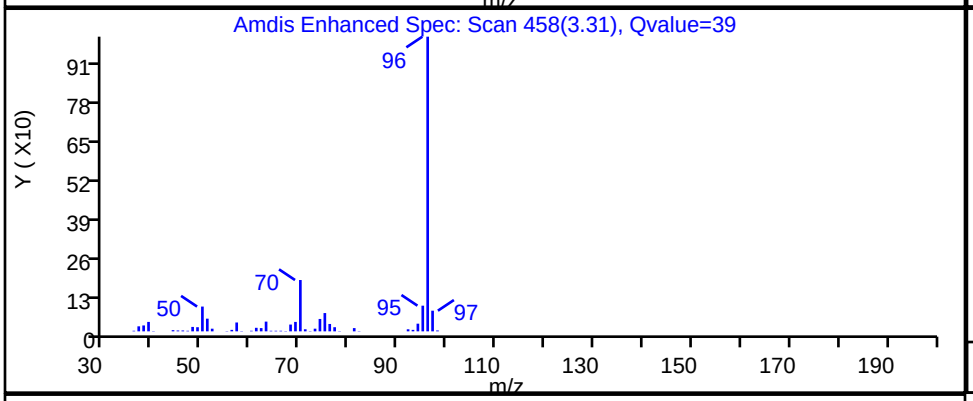
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Injection Date: 31-May-2022 08:31:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

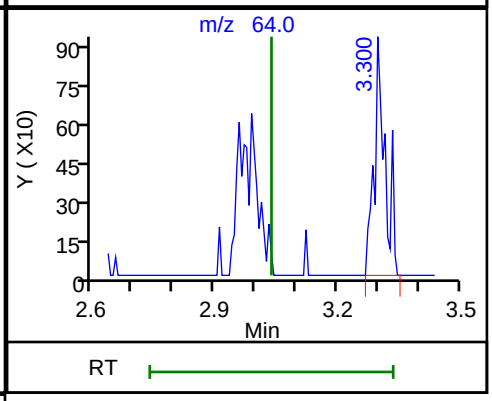
57 1,2-Dichloroethane, CAS: 107-06-2

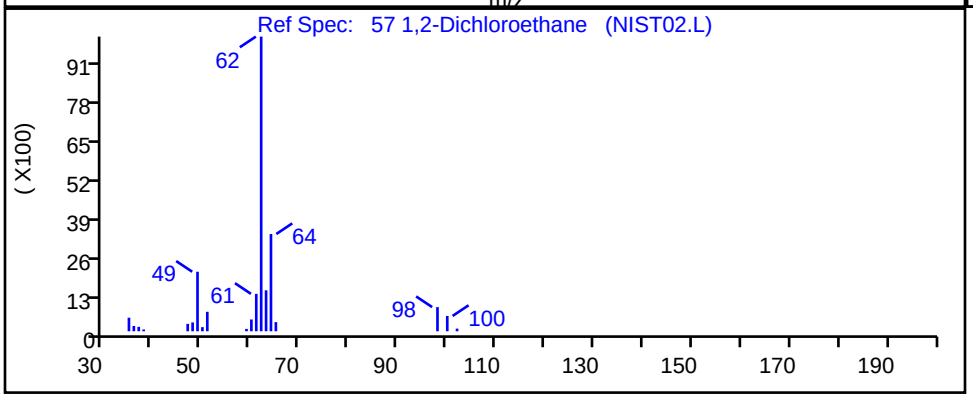
Processing Results











RT	Mass	Response	Amount
3.31	62.00	7700	2.432485
3.30	64.00	1726	

Reviewer: tupayachia, 31-May-2022 09:26:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847741/7

Matrix: Solid | Lab File ID: K34601.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/02/2022 06:26

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.44	U	1.0	0.44
74-83-9	Bromomethane	1.0	U	2.0	1.0
75-01-4	Vinyl chloride	0.55	U	1.0	0.55
75-00-3	Chloroethane	0.52	U	1.0	0.52
75-09-2	Methylene Chloride	1.1	U	2.0	1.1
67-64-1	Acetone	5.7	U	6.0	5.7
75-15-0	Carbon disulfide	0.27	U	1.0	0.27
75-69-4	Trichlorofluoromethane	0.41	U	1.0	0.41
75-35-4	1,1-Dichloroethene	0.23	U	1.0	0.23
75-34-3	1,1-Dichloroethane	0.21	U	1.0	0.21
156-60-5	trans-1,2-Dichloroethene	0.25	U	1.0	0.25
156-59-2	cis-1,2-Dichloroethene	0.36	U	1.0	0.36
67-66-3	Chloroform	0.97	U	1.0	0.97
107-06-2	1,2-Dichloroethane	0.30	U	1.0	0.30
78-93-3	2-Butanone (MEK)	0.37	U	5.0	0.37
71-55-6	1,1,1-Trichloroethane	0.23	U	1.0	0.23
56-23-5	Carbon tetrachloride	0.39	U	1.0	0.39
75-27-4	Dichlorobromomethane	0.26	U	1.0	0.26
78-87-5	1,2-Dichloropropane	0.42	U	1.0	0.42
10061-01-5	cis-1,3-Dichloropropene	0.27	U	1.0	0.27
79-01-6	Trichloroethene	0.32	U	1.0	0.32
124-48-1	Chlorodibromomethane	0.19	U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	0.18	U	1.0	0.18
71-43-2	Benzene	0.26	U	1.0	0.26
10061-02-6	trans-1,3-Dichloropropene	0.27	U	1.0	0.27
75-25-2	Bromoform	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6
591-78-6	2-Hexanone	1.7	U	5.0	1.7
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21
108-88-3	Toluene	0.23	U	1.0	0.23
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
100-41-4	Ethylbenzene	0.20	U	1.0	0.20
100-42-5	Styrene	0.28	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847741/7

Matrix: Solid | Lab File ID: K34601.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/02/2022 06:26

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	0.17	U	1.0	0.17
95-47-6	o-Xylene	0.19	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30
1634-04-4	Methyl tert-butyl ether	0.51	U	1.0	0.51
110-82-7	Cyclohexane	0.22	U	1.0	0.22
106-93-4	Ethylene Dibromide	0.18	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	0.37	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.36	U	1.0	0.36
75-71-8	Dichlorodifluoromethane	0.34	U	1.0	0.34
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.0	0.36
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
74-97-5	Chlorobromomethane	0.28	U	1.0	0.28
98-82-8	Isopropylbenzene	0.29	U	1.0	0.29
79-20-9	Methyl acetate	4.3	U	5.0	4.3
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-145
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene	102		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847741/7

Matrix: Solid | Lab File ID: K34601.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/02/2022 06:26

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34601.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Jun-2022 06:26:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0146026-007
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:29:16 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: delpolitov Date: 02-Jun-2022 10:29:16

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	2.436	2.436	0.000	96	297615	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.309	3.314	-0.005	98	173116	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.773	3.773	0.000	96	163227	50.0	53.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.084	4.089	-0.005	0	137464	50.0	49.4	
* 66 Fluorobenzene	96	4.433	4.433	0.000	100	466259	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.159	5.159	0.000	96	26610	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.250	6.250	0.000	99	512977	50.0	49.8	
* 94 Chlorobenzene-d5	117	8.225	8.225	0.000	84	357559	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	97	174716	50.0	51.2	
* 121 1,4-Dichlorobenzene-d4	152	10.877	10.877	0.000	94	227515	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00123 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

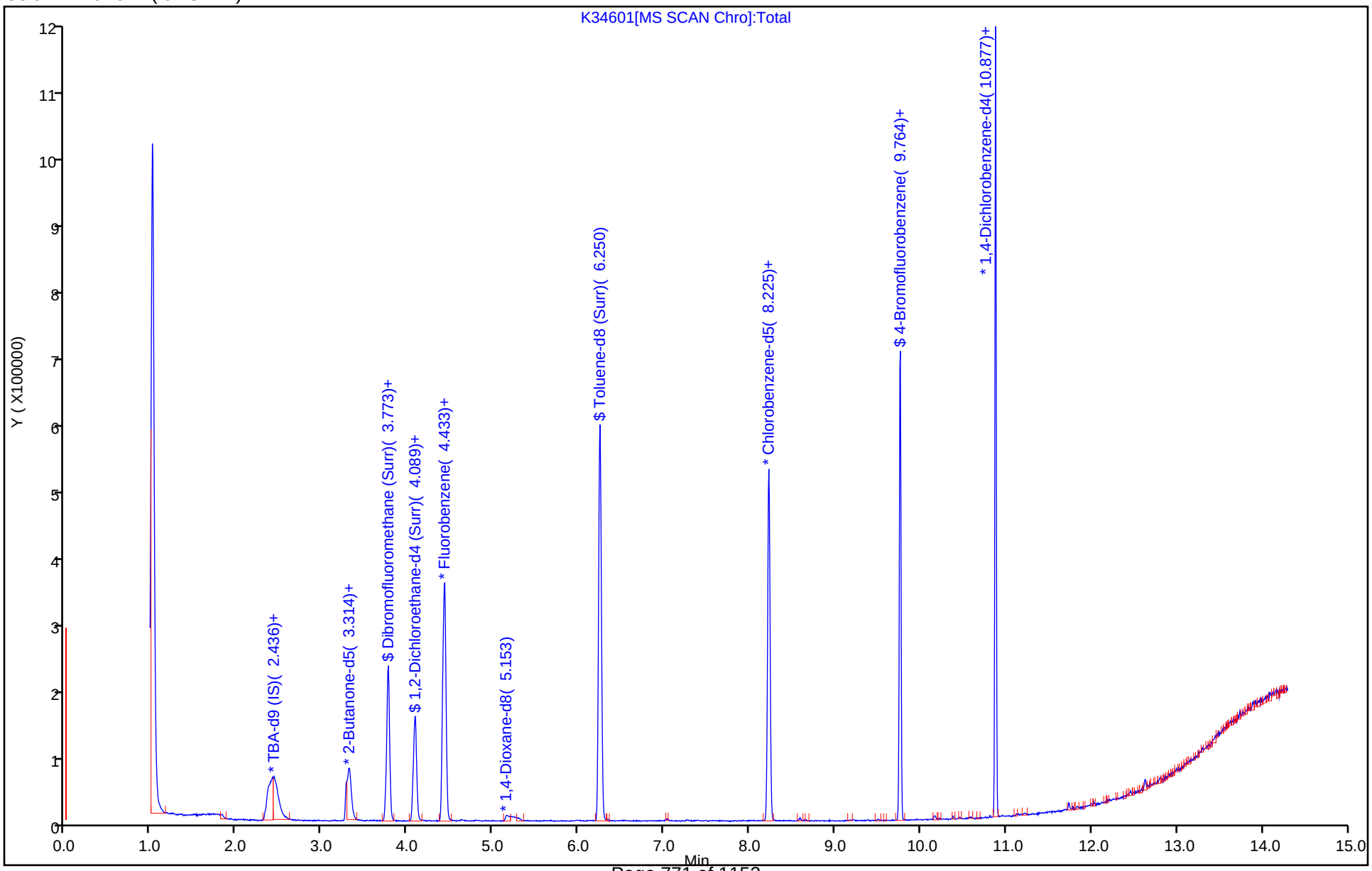
Report Date: 02-Jun-2022 10:29:17 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34601.D

Injection Date:	02-Jun-2022 06:26:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34601.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Jun-2022 06:26:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0146026-007
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:29:16 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: delpolitov Date: 02-Jun-2022 10:29:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.5	106.97
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.4	98.89
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.63
$ 105 4-Bromofluorobenzene	50.0	51.2	102.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-846946/1-A

Matrix: Solid | Lab File ID: K34610.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/02/2022 09:44

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.44	U	1.0	0.44
74-83-9	Bromomethane	1.0	U	2.0	1.0
75-01-4	Vinyl chloride	0.55	U	1.0	0.55
75-00-3	Chloroethane	0.52	U	1.0	0.52
75-09-2	Methylene Chloride	1.1	U	2.0	1.1
67-64-1	Acetone	5.7	U	6.0	5.7
75-15-0	Carbon disulfide	0.27	U	1.0	0.27
75-69-4	Trichlorofluoromethane	0.41	U	1.0	0.41
75-35-4	1,1-Dichloroethene	0.23	U	1.0	0.23
75-34-3	1,1-Dichloroethane	0.21	U	1.0	0.21
156-60-5	trans-1,2-Dichloroethene	0.25	U	1.0	0.25
156-59-2	cis-1,2-Dichloroethene	0.36	U	1.0	0.36
67-66-3	Chloroform	0.97	U	1.0	0.97
107-06-2	1,2-Dichloroethane	0.30	U	1.0	0.30
78-93-3	2-Butanone (MEK)	0.37	U	5.0	0.37
71-55-6	1,1,1-Trichloroethane	0.23	U	1.0	0.23
56-23-5	Carbon tetrachloride	0.39	U	1.0	0.39
75-27-4	Dichlorobromomethane	0.26	U	1.0	0.26
78-87-5	1,2-Dichloropropane	0.42	U	1.0	0.42
10061-01-5	cis-1,3-Dichloropropene	0.27	U	1.0	0.27
79-01-6	Trichloroethene	0.32	U	1.0	0.32
124-48-1	Chlorodibromomethane	0.19	U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	0.18	U	1.0	0.18
71-43-2	Benzene	0.26	U	1.0	0.26
10061-02-6	trans-1,3-Dichloropropene	0.27	U	1.0	0.27
75-25-2	Bromoform	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6
591-78-6	2-Hexanone	1.7	U	5.0	1.7
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21
108-88-3	Toluene	0.23	U	1.0	0.23
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
100-41-4	Ethylbenzene	0.20	U	1.0	0.20
100-42-5	Styrene	0.28	U	1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-846946/1-A

Matrix: Solid | Lab File ID: K34610.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/02/2022 09:44

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	0.17	U	1.0	0.17
95-47-6	o-Xylene	0.19	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30
1634-04-4	Methyl tert-butyl ether	0.51	U	1.0	0.51
110-82-7	Cyclohexane	0.22	U	1.0	0.22
106-93-4	Ethylene Dibromide	0.18	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	0.37	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.36	U	1.0	0.36
75-71-8	Dichlorodifluoromethane	0.34	U	1.0	0.34
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.0	0.36
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
74-97-5	Chlorobromomethane	0.28	U	1.0	0.28
98-82-8	Isopropylbenzene	0.29	U	1.0	0.29
79-20-9	Methyl acetate	4.3	U	5.0	4.3
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	105		73-139

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-846946/1-A

Matrix: Solid | Lab File ID: K34610.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/02/2022 09:44

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34610.D
Lims ID: LB3 460-846946/1-A
Client ID:
Sample Type: LB3
Inject. Date: 02-Jun-2022 09:44:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-846946/1-A
Misc. Info.: 460-0146026-016
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:27:20 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: delpolitov Date: 02-Jun-2022 10:27:20

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	2.425	2.436	-0.011	96	271200	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.314	3.314	0.000	98	157332	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.773	3.773	0.000	96	164244	50.0	52.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.089	4.089	0.000	0	137175	50.0	48.1	
* 66 Fluorobenzene	96	4.433	4.433	0.000	99	478282	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.153	5.159	-0.006	94	23296	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.250	6.250	0.000	99	523039	50.0	49.9	
* 94 Chlorobenzene-d5	117	8.225	8.225	0.000	84	364323	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	97	181981	50.0	52.4	
* 121 1,4-Dichlorobenzene-d4	152	10.877	10.877	0.000	94	232230	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00123 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

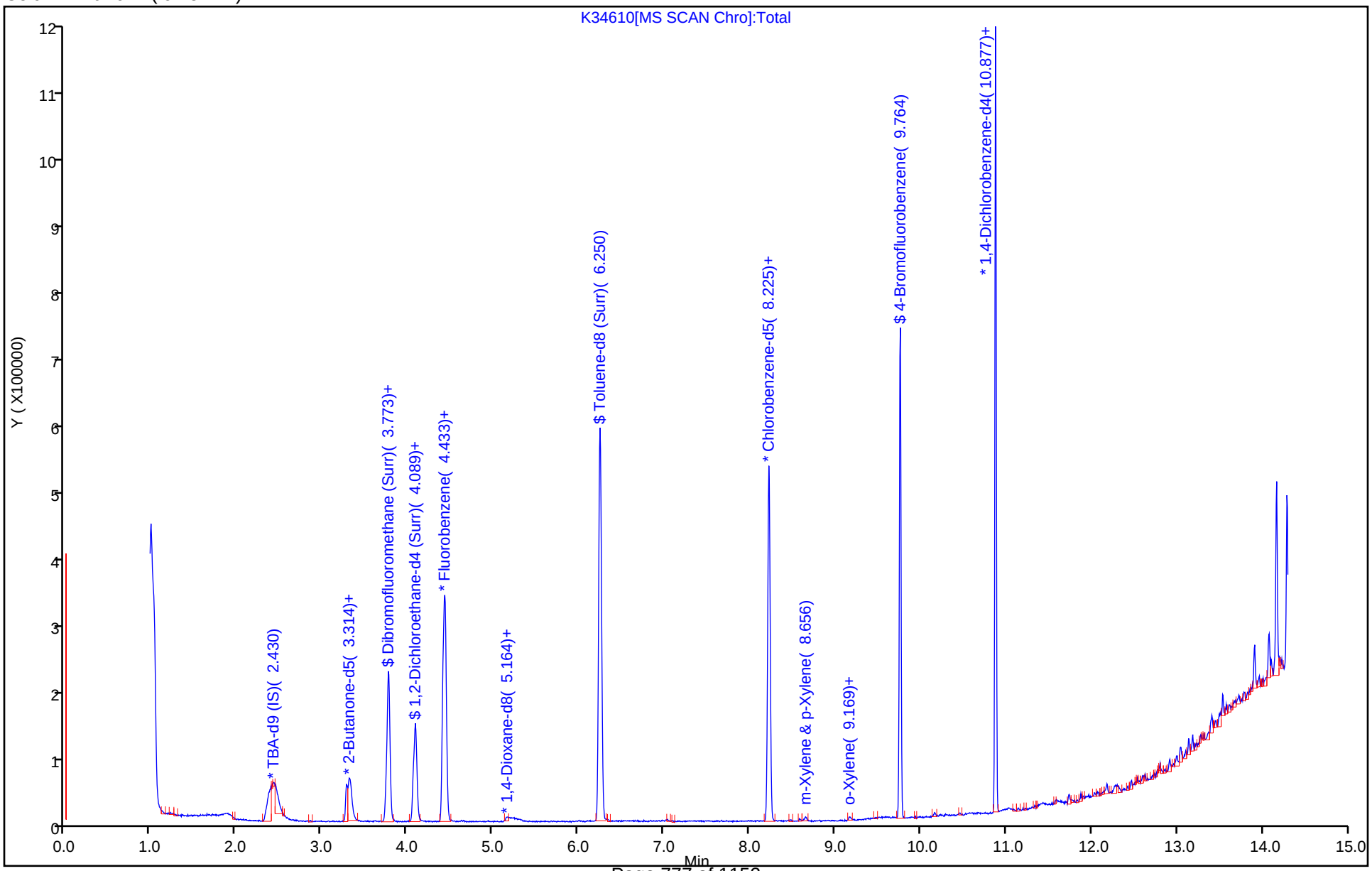
Report Date: 02-Jun-2022 10:27:21 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34610.D

Injection Date:	02-Jun-2022 09:44:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LB3 460-846946/1-A			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34610.D
Lims ID: LB3 460-846946/1-A
Client ID:
Sample Type: LB3
Inject. Date: 02-Jun-2022 09:44:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-846946/1-A
Misc. Info.: 460-0146026-016
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:27:20 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: delpolitov Date: 02-Jun-2022 10:27:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.5	104.93
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.1	96.21
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.70
$ 105 4-Bromofluorobenzene	50.0	52.4	104.74

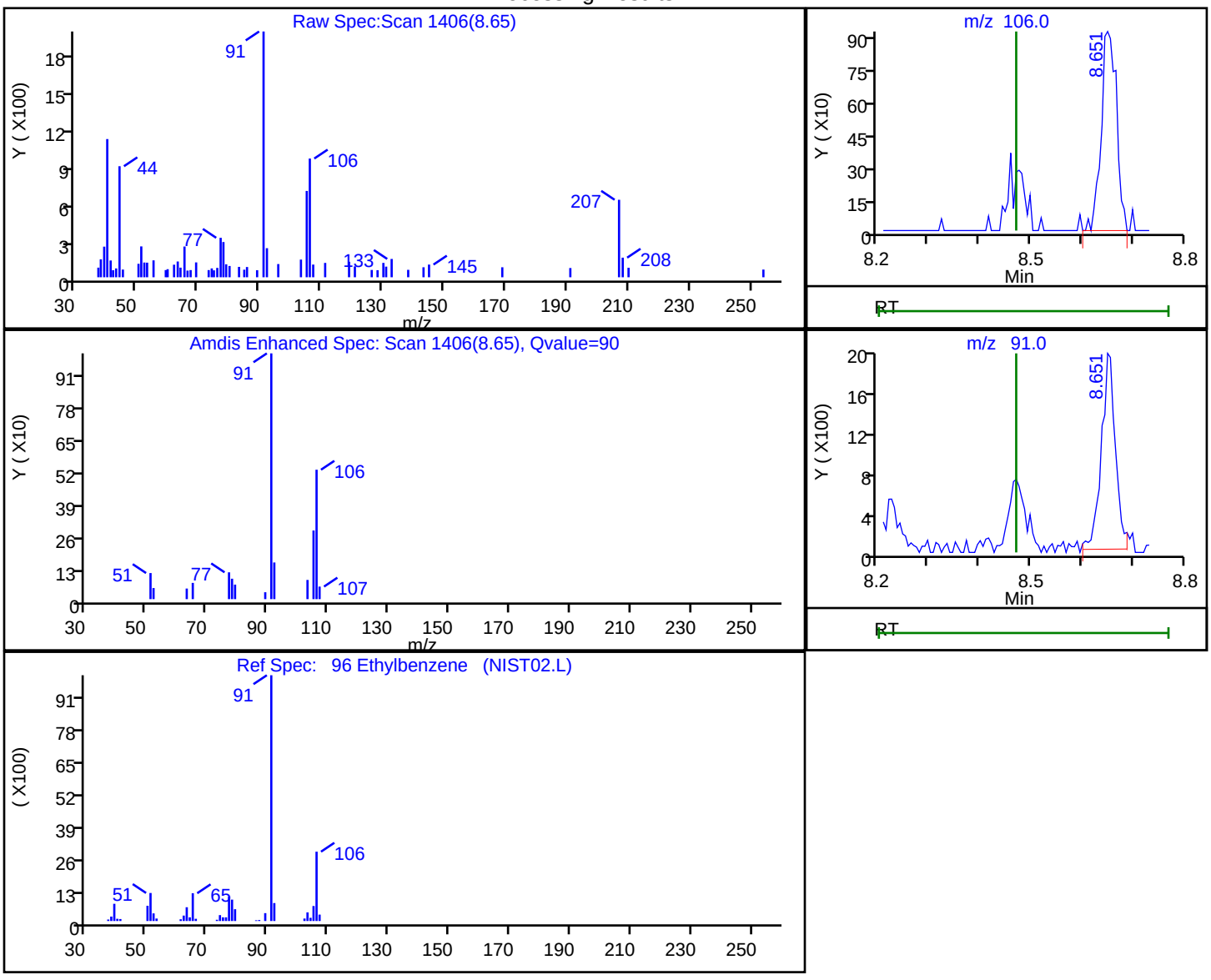
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34610.D
Injection Date: 02-Jun-2022 09:44:30 Instrument ID: CVOAMS9
Lims ID: LB3 460-846946/1-A
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.65	106.00	1941	0.398447
8.65	91.00	3640	

Reviewer: delpolitov, 02-Jun-2022 10:26:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-847356/4

Matrix: Solid | Lab File ID: B88097.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/31/2022 06:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.0		1.0	0.44
74-83-9	Bromomethane	23.9		2.0	1.0
75-01-4	Vinyl chloride	22.6		1.0	0.55
75-00-3	Chloroethane	22.8		1.0	0.52
75-09-2	Methylene Chloride	22.8		2.0	1.1
67-64-1	Acetone	120		6.0	5.7
75-15-0	Carbon disulfide	25.3		1.0	0.27
75-69-4	Trichlorofluoromethane	25.0		1.0	0.41
75-35-4	1,1-Dichloroethene	25.8		1.0	0.23
75-34-3	1,1-Dichloroethane	23.9		1.0	0.21
156-60-5	trans-1,2-Dichloroethene	26.9		1.0	0.25
156-59-2	cis-1,2-Dichloroethene	22.5		1.0	0.36
67-66-3	Chloroform	22.1		1.0	0.97
107-06-2	1,2-Dichloroethane	20.1		1.0	0.30
78-93-3	2-Butanone (MEK)	115		5.0	0.37
71-55-6	1,1,1-Trichloroethane	24.3		1.0	0.23
56-23-5	Carbon tetrachloride	24.3		1.0	0.39
75-27-4	Dichlorobromomethane	20.7		1.0	0.26
78-87-5	1,2-Dichloropropane	20.2		1.0	0.42
10061-01-5	cis-1,3-Dichloropropene	16.3		1.0	0.27
79-01-6	Trichloroethene	21.8		1.0	0.32
124-48-1	Chlorodibromomethane	19.1		1.0	0.19
79-00-5	1,1,2-Trichloroethane	16.7		1.0	0.18
71-43-2	Benzene	17.2		1.0	0.26
10061-02-6	trans-1,3-Dichloropropene	17.9		1.0	0.27
75-25-2	Bromoform	21.0		1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.6
591-78-6	2-Hexanone	105		5.0	1.7
127-18-4	Tetrachloroethene	20.9		1.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.21
108-88-3	Toluene	17.9		1.0	0.23
108-90-7	Chlorobenzene	20.3		1.0	0.18
100-41-4	Ethylbenzene	20.1		1.0	0.20
100-42-5	Styrene	20.3		1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-847356/4

Matrix: Solid | Lab File ID: B88097.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/31/2022 06:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	19.5		1.0	0.17
95-47-6	o-Xylene	18.9		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26.6		1.0	0.30
1634-04-4	Methyl tert-butyl ether	24.3		1.0	0.51
110-82-7	Cyclohexane	22.4		1.0	0.22
106-93-4	Ethylene Dibromide	19.4		1.0	0.18
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.37
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.36
75-71-8	Dichlorodifluoromethane	20.3		1.0	0.34
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.36
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		1.0	0.46
74-97-5	Chlorobromomethane	23.3		1.0	0.28
98-82-8	Isopropylbenzene	19.5		1.0	0.29
79-20-9	Methyl acetate	45.0		5.0	4.3
108-87-2	Methylcyclohexane	22.0		1.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
2037-26-5	Toluene-d8 (Surr)	90		80-120
460-00-4	4-Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139

Report Date: 01-Jun-2022 21:29:33 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88097.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 31-May-2022 06:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0145937-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jun-2022 21:29:32 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: tupayachia Date: 31-May-2022 06:55:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.599	0.581	0.018	27	3601	20.0	21.9	Ma
2 1,1-Difluoroethane	51	0.648	0.642	0.006	88	88127	20.0	17.3	
4 Chlorodifluoromethane	67	0.648	0.642	0.006	97	11008	20.0	20.2	
3 Dichlorodifluoromethane	85	0.654	0.648	0.006	60	84329	20.0	20.3	
5 Chloromethane	50	0.727	0.721	0.006	98	94346	20.0	20.0	
7 Vinyl chloride	62	0.764	0.758	0.006	98	80428	20.0	22.6	
6 Butadiene	54	0.770	0.758	0.012	84	67388	20.0	20.5	
8 Bromomethane	94	0.898	0.892	0.006	99	63453	20.0	23.9	
9 Chloroethane	64	0.916	0.916	0.000	98	43968	20.0	22.8	
11 Trichlorofluoromethane	101	1.032	0.984	0.048	93	104260	20.0	25.0	a
10 Dichlorofluoromethane	67	1.014	1.008	0.006	94	115279	20.0	22.7	
12 Pentane	72	1.020	1.014	0.006	97	20047	40.0	44.3	
14 Ethanol	46	1.105	1.099	0.006	33	6454	800.0	762.0	M
13 Ethyl ether	59	1.112	1.105	0.007	75	39045	20.0	22.6	
15 2-Methyl-1,3-butadiene	53	1.124	1.118	0.006	90	54211	20.0	24.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.142	1.136	0.006	74	57038	20.0	21.6	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.166	1.166	0.000	83	76786	20.0	19.8	Ma
18 Acrolein	56	1.179	1.173	0.006	96	67583	300.0	255.3	
19 1,1-Dichloroethene	96	1.227	1.215	0.012	96	66613	20.0	25.8	
21 Acetone	43	1.258	1.246	0.012	90	68013	100.0	120.3	
20 112TCTFE	101	1.282	1.276	0.006	61	79097	20.0	26.6	a
22 Iodomethane	142	1.288	1.288	0.000	97	134291	20.0	26.4	
23 Carbon disulfide	76	1.319	1.319	0.000	99	238874	20.0	25.3	
24 Isopropyl alcohol	45	1.355	1.349	0.006	24	35996	200.0	171.4	Ma
25 3-Chloro-1-propene	39	1.410	1.404	0.006	93	67953	20.0	23.7	
26 Methyl acetate	43	1.429	1.416	0.013	97	68896	40.0	45.0	
27 Acetonitrile	39	1.441	1.422	0.019	58	37451	200.0	209.9	
28 Methylene Chloride	84	1.471	1.471	0.000	84	71733	20.0	22.8	
* 29 TBA-d9 (IS)	65	1.544	1.538	0.006	0	388724	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.599	1.587	0.012	90	69993	200.0	187.2	a
31 Acrylonitrile	53	1.611	1.611	0.000	97	184827	200.0	198.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.630	1.618	0.012	90	79821	20.0	26.9	
33 Methyl tert-butyl ether	73	1.642	1.642	0.000	96	168712	20.0	24.3	
34 Hexane	57	1.800	1.800	0.000	92	86713	20.0	23.3	
35 1,1-Dichloroethane	63	1.880	1.874	0.006	99	113157	20.0	23.9	
36 Vinyl acetate	86	1.935	1.935	0.000	99	20680	40.0	51.4	
37 2-Chloro-1,3-butadiene	88	1.941	1.941	0.000	70	65545	20.0	25.2	
38 Isopropyl ether	45	1.965	1.971	-0.006	89	176539	20.0	19.2	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	90	75555	20.0	22.1	
* 40 2-Butanone-d5	46	2.276	2.276	0.000	0	287240	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.294	2.288	0.006	98	80478	20.0	22.5	
42 2,2-Dichloropropane	79	2.288	2.294	-0.006	63	32300	20.0	21.9	
43 2-Butanone (MEK)	72	2.325	2.325	0.000	99	33666	100.0	115.1	
44 Propionitrile	54	2.367	2.361	0.006	97	62404	200.0	192.3	
45 Ethyl acetate	70	2.398	2.404	-0.006	99	10184	40.0	43.0	
62 Methyl acrylate	55	2.404	2.404	0.000	64	51483	20.0	18.5	
47 Methacrylonitrile	67	2.477	2.471	0.006	90	207902	200.0	200.2	
46 Chlorobromomethane	128	2.477	2.471	0.006	81	40060	20.0	23.3	
48 Tetrahydrofuran	72	2.526	2.526	0.000	75	15500	40.0	49.1	
49 Chloroform	83	2.562	2.556	0.006	99	111870	20.0	22.1	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.691	-0.001	98	173270	50.0	57.2	
51 1,1,1-Trichloroethane	97	2.709	2.697	0.012	81	104850	20.0	24.3	
52 Cyclohexane	84	2.739	2.739	0.000	88	110936	20.0	22.4	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	96	81082	20.0	21.2	
53 Carbon tetrachloride	117	2.843	2.837	0.006	89	87613	20.0	24.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	158676	50.0	54.7	
56 Benzene	78	3.020	3.014	0.006	94	253611	20.0	17.2	
57 1,2-Dichloroethane	62	3.044	3.038	0.006	96	65133	20.0	20.1	
58 Isobutyl alcohol	42	3.142	3.111	0.031	29	25958	500.0	299.7	Ma
59 Tert-amyl methyl ether	73	3.190	3.190	0.000	94	191079	20.0	20.6	
73 Isopropyl acetate	43	3.196	3.203	-0.007	92	154687	20.0	15.3	M
* 60 Fluorobenzene	96	3.306	3.306	0.000	100	697075	50.0	50.0	
61 n-Heptane	43	3.361	3.367	-0.006	88	91944	20.0	17.5	
63 Trichloroethene	95	3.702	3.696	0.006	98	64427	20.0	21.8	
64 n-Butanol	43	3.861	3.849	0.012	86	3257	500.0	122.2	Ma
65 Methylcyclohexane	83	3.910	3.910	0.000	94	122596	20.0	22.0	
66 Ethyl acrylate	55	3.928	3.916	0.012	93	140220	20.0	19.6	
67 1,2-Dichloropropane	63	3.940	3.946	-0.006	92	59673	20.0	20.2	
68 Dibromomethane	93	4.068	4.068	0.000	92	32835	20.0	19.5	
* 69 1,4-Dioxane-d8	96	4.111	4.105	0.006	0	26840	1000.0	1000.0	
70 1,4-Dioxane	88	4.178	4.190	-0.012	31	11358	400.0	410.2	M
71 Methyl methacrylate	100	4.202	4.215	-0.013	96	27460	40.0	45.5	
72 Dichlorobromomethane	83	4.312	4.312	0.000	98	71452	20.0	20.7	
81 n-Propyl acetate	43	4.330	4.330	0.000	96	59443	20.0	19.4	
74 2-Nitropropane	41	4.623	4.623	0.000	98	21455	40.0	37.0	
75 2-Chloroethyl vinyl ether	63	4.794	4.800	-0.006	87	15893	20.0	17.4	
76 Epichlorohydrin	57	4.824	4.818	0.006	98	83035	400.0	422.7	
77 cis-1,3-Dichloropropene	75	4.928	4.922	0.006	91	84798	20.0	16.3	
78 4-Methyl-2-pentanone (MIBK)	43	5.220	5.221	0.000	96	214295	100.0	104.4	a
$ 79 Toluene-d8 (Surr)	98	5.275	5.275	0.000	99	658218	50.0	44.9	
80 Toluene	91	5.367	5.367	0.000	94	267872	20.0	17.9	
82 trans-1,3-Dichloropropene	75	5.794	5.787	0.007	96	74921	20.0	17.9	
83 1,1,2-Trichloroethane	83	6.043	6.044	-0.001	97	40852	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
84 Ethyl methacrylate	69	6.068	6.074	-0.006	81	58794	20.0	20.5	a
85 Tetrachloroethene	166	6.202	6.196	0.006	97	75893	20.0	20.9	
86 1,3-Dichloropropane	76	6.287	6.281	0.006	92	78956	20.0	16.6	
87 2-Hexanone	43	6.580	6.580	0.000	94	142574	100.0	105.1	
88 Chlorodibromomethane	129	6.641	6.641	0.000	98	57507	20.0	19.1	
89 Ethylene Dibromide	107	6.751	6.751	0.000	98	54169	20.0	19.4	
90 n-Butyl acetate	43	6.921	6.921	0.000	95	59369	20.0	14.0	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	83	594742	50.0	50.0	
92 Chlorobenzene	112	7.677	7.683	-0.006	97	191910	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	7.897	7.903	-0.006	95	62041	20.0	18.9	
94 Ethylbenzene	106	7.982	7.982	0.000	97	102795	20.0	20.1	
95 m-Xylene & p-Xylene	106	8.226	8.232	-0.006	99	116891	20.0	19.5	
96 o-Xylene	106	8.958	8.958	0.000	95	111440	20.0	18.9	
97 Styrene	104	9.012	9.012	0.000	98	190850	20.0	20.3	
98 n-Butyl acrylate	73	9.207	9.208	-0.001	97	32398	20.0	16.8	
99 Bromoform	173	9.250	9.250	0.000	97	40583	20.0	21.0	
101 Amyl acetate (mixed isomers)	43	9.689	9.689	0.000	93	72328	20.0	14.3	
102 Isopropylbenzene	105	9.713	9.714	-0.001	95	310643	20.0	19.5	
$ 103 4-Bromofluorobenzene	174	9.921	9.915	0.006	98	233542	50.0	50.7	
104 Bromobenzene	156	10.098	10.098	0.000	92	84022	20.0	19.3	
105 1,2,3-Trichloropropane	110	10.317	10.317	0.000	97	19121	20.0	17.8	
106 1,1,2,2-Tetrachloroethane	83	10.335	10.335	0.000	97	76067	20.0	17.3	
107 trans-1,4-Dichloro-2-butene	53	10.439	10.439	0.000	89	16973	20.0	14.7	
108 N-Propylbenzene	120	10.463	10.469	-0.006	99	95339	20.0	20.0	
109 2-Chlorotoluene	126	10.506	10.506	0.000	97	81638	20.0	19.4	
110 4-Ethyltoluene	105	10.689	10.689	0.000	98	309140	20.0	19.0	
111 4-Chlorotoluene	91	10.713	10.713	0.000	97	269128	20.0	18.9	
112 1,3,5-Trimethylbenzene	105	10.823	10.817	0.006	94	261929	20.0	18.6	
100 Butyl Methacrylate	87	11.207	11.201	0.006	96	66448	20.0	16.9	
113 tert-Butylbenzene	119	11.353	11.353	0.000	96	208936	20.0	18.1	
114 1,2,4-Trimethylbenzene	105	11.439	11.439	0.000	96	272280	20.0	18.5	
115 sec-Butylbenzene	105	11.744	11.738	0.006	99	353828	20.0	18.2	
116 1,3-Dichlorobenzene	146	11.805	11.805	0.000	98	173457	20.0	20.2	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	93	350684	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.987	11.987	0.000	96	169505	20.0	19.0	
119 4-Isopropyltoluene	119	12.073	12.073	0.000	98	316005	20.0	19.4	
120 1,2,3-Trimethylbenzene	105	12.170	12.170	0.000	97	290614	20.0	18.5	
121 Benzyl chloride	126	12.323	12.323	0.000	100	29854	20.0	19.2	
122 2,3-Dihydroindene	117	12.500	12.500	0.000	95	269186	20.0	24.2	
123 1,2-Dichlorobenzene	146	12.682	12.682	0.000	98	166000	20.0	20.0	
124 p-Diethylbenzene	119	12.823	12.823	0.000	92	164233	20.0	19.6	a
125 n-Butylbenzene	92	12.847	12.847	0.000	98	179149	20.0	17.7	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	93	16517	20.0	18.6	
127 1,2,4,5-Tetramethylbenzene	119	13.640	13.640	0.000	98	279578	20.0	19.2	
128 1,3,5-Trichlorobenzene	180	13.780	13.780	0.000	97	142279	20.0	20.3	
129 1,2,4-Trichlorobenzene	180	14.231	14.231	0.000	94	125837	20.0	20.1	
130 Hexachlorobutadiene	225	14.377	14.377	0.000	92	66495	20.0	21.6	
131 Naphthalene	128	14.377	14.377	0.000	99	296998	20.0	18.3	
132 1,2,3-Trichlorobenzene	180	14.542	14.542	0.000	95	123219	20.0	19.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	49.4	
S 134 1,3-Dichloropropene, Total	100				0		40.0	34.2	
S 135 Xylenes, Total	100				0		40.0	38.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	93.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
GASES Li_00477	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jun-2022 21:29:33 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88097.D

Injection Date: 31-May-2022 06:20:30 Instrument ID: CVOAMS2 Operator ID:

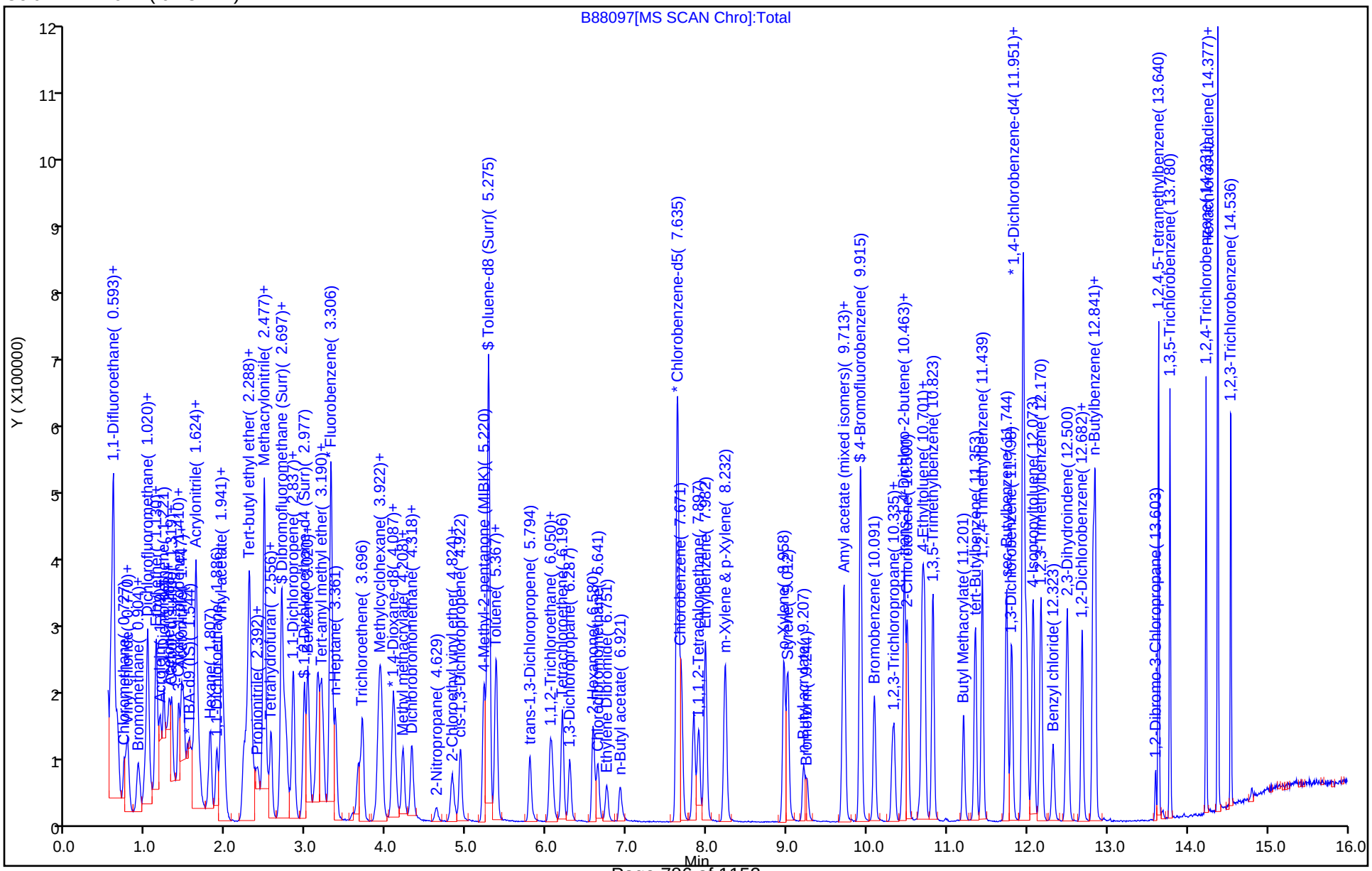
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88097.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 31-May-2022 06:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0145937-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jun-2022 21:29:32 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: tupayachia Date: 31-May-2022 06:55:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	57.2	114.32
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.7	109.32
$ 79 Toluene-d8 (Surr)	50.0	44.9	89.85
$ 103 4-Bromofluorobenzene	50.0	50.7	101.39

Manual Integration/User Assign Peak Report

Eurofins Edison

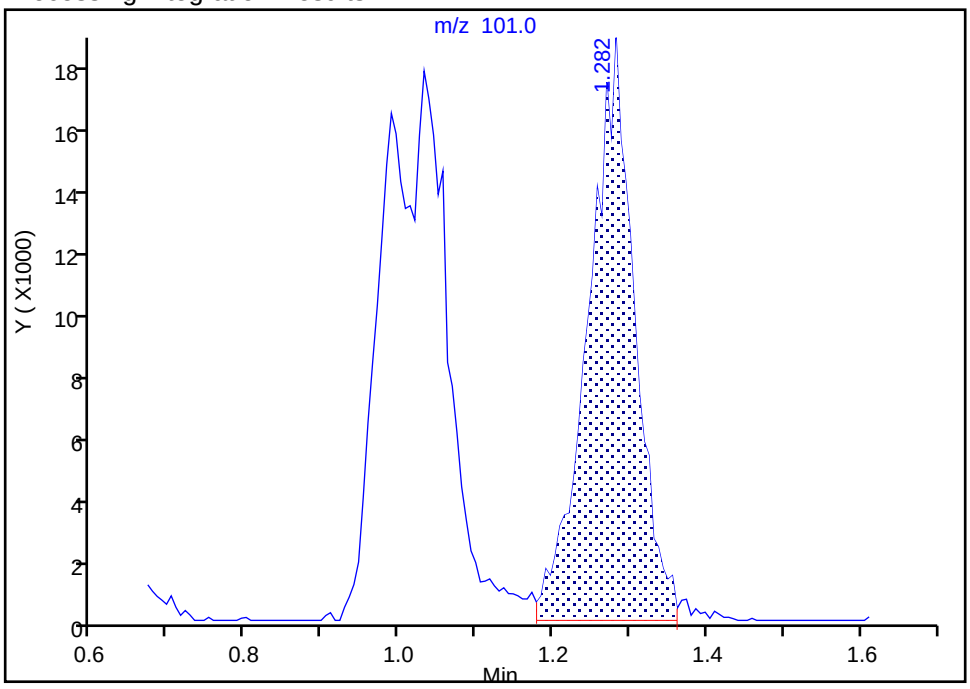
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Injection Date: 31-May-2022 06:20:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

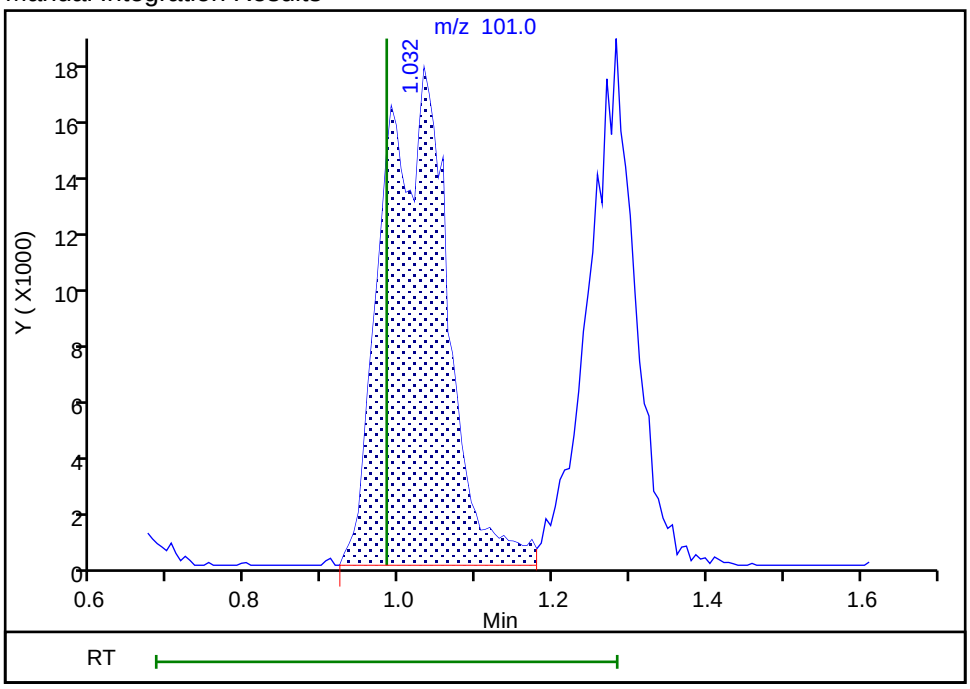
Processing Integration Results

RT: 1.28
Area: 78430
Amount: 18.823439
Amount Units: ug/l



Manual Integration Results

RT: 1.03
Area: 104260
Amount: 25.022717
Amount Units: ug/l



Reviewer: martineze, 31-May-2022 13:23:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

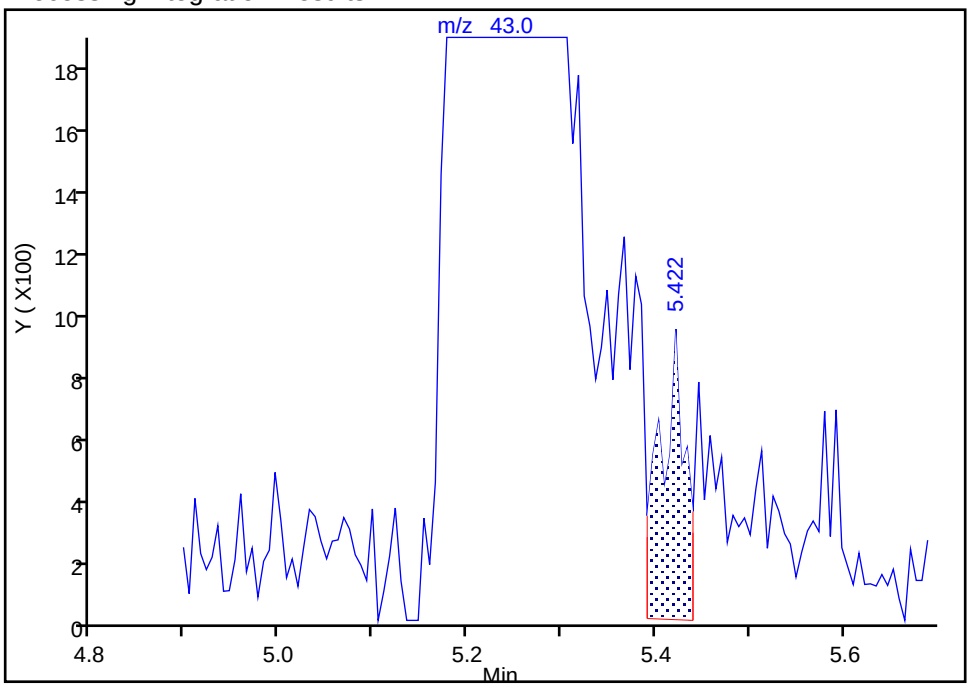
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Injection Date: 31-May-2022 06:20:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

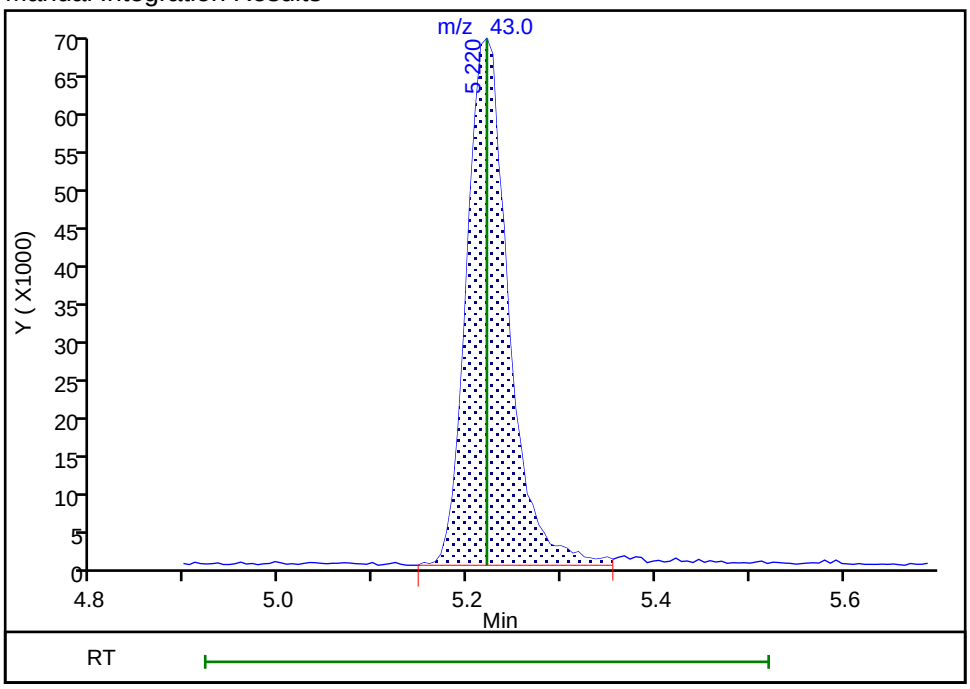
Processing Integration Results

RT: 5.42
Area: 1756
Amount: 0.855443
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 214295
Amount: 104.3948
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:55:09
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

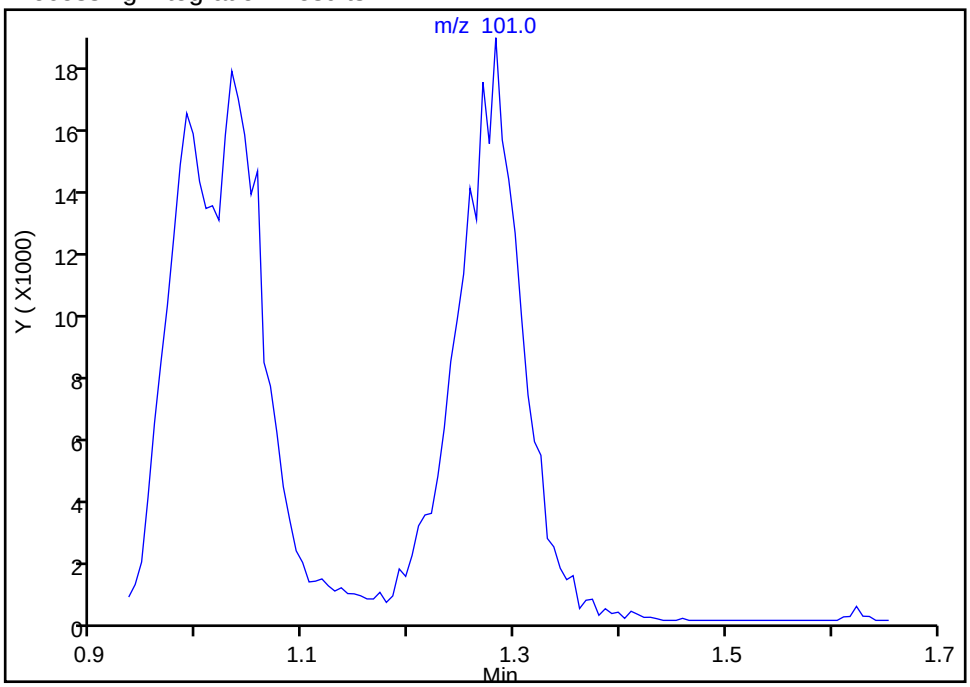
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88097.D
Injection Date: 31-May-2022 06:20:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

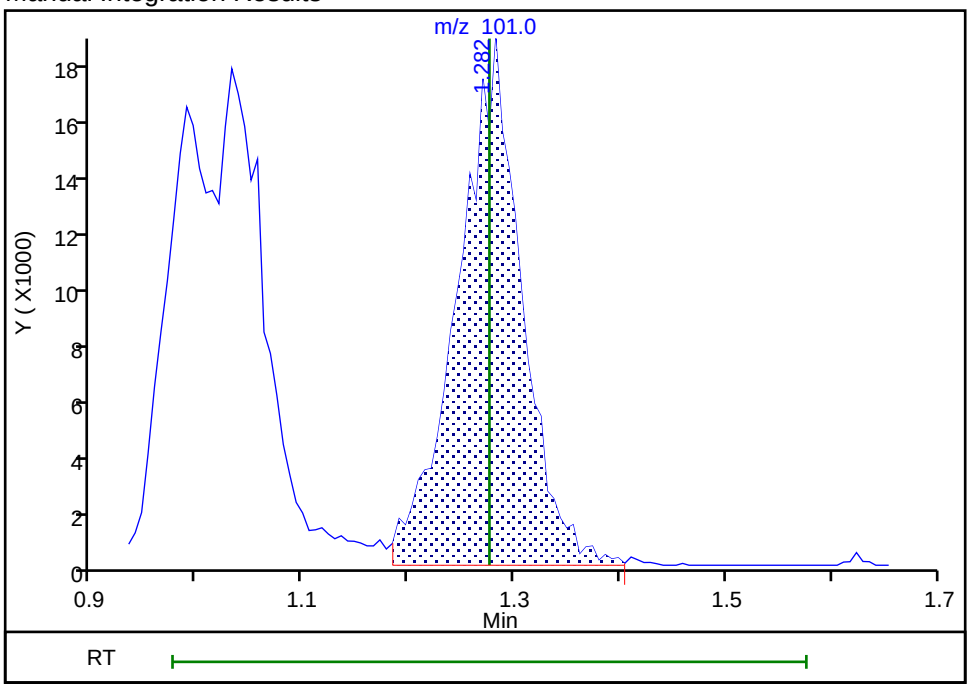
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 79097
Amount: 26.631220
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:53:42
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

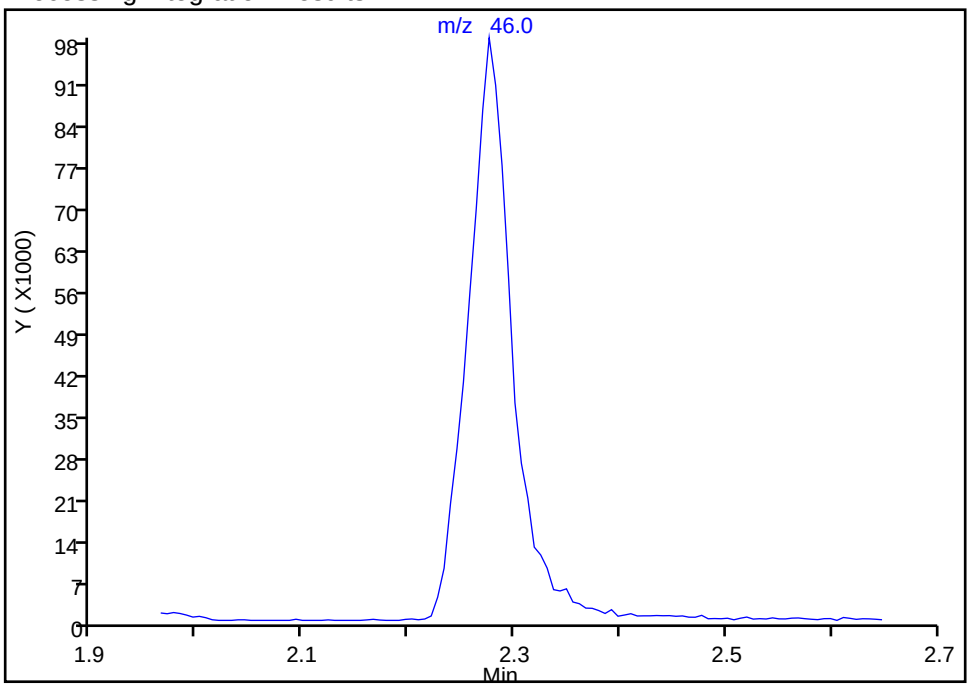
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88097.D
Injection Date: 31-May-2022 06:20:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

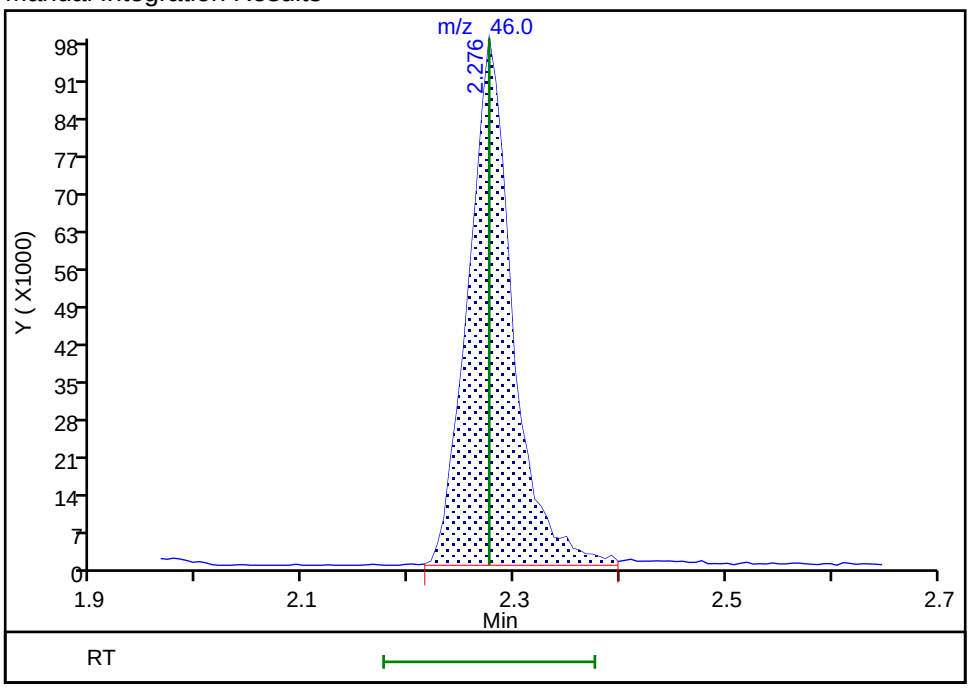
Not Detected
Expected RT: 2.28

Processing Integration Results



Manual Integration Results

RT: 2.28
Area: 287240
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 06:49:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-847741/3

Matrix: Solid | Lab File ID: K34597.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/02/2022 04:38

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.8		1.0	0.44
74-83-9	Bromomethane	22.3		2.0	1.0
75-01-4	Vinyl chloride	21.4		1.0	0.55
75-00-3	Chloroethane	21.3		1.0	0.52
75-09-2	Methylene Chloride	18.0		2.0	1.1
67-64-1	Acetone	74.9		6.0	5.7
75-15-0	Carbon disulfide	20.3		1.0	0.27
75-69-4	Trichlorofluoromethane	22.1		1.0	0.41
75-35-4	1,1-Dichloroethene	19.9		1.0	0.23
75-34-3	1,1-Dichloroethane	18.8		1.0	0.21
156-60-5	trans-1,2-Dichloroethene	20.3		1.0	0.25
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.36
67-66-3	Chloroform	19.2		1.0	0.97
107-06-2	1,2-Dichloroethane	17.4		1.0	0.30
78-93-3	2-Butanone (MEK)	103		5.0	0.37
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.23
56-23-5	Carbon tetrachloride	20.0		1.0	0.39
75-27-4	Dichlorobromomethane	17.7		1.0	0.26
78-87-5	1,2-Dichloropropane	17.8		1.0	0.42
10061-01-5	cis-1,3-Dichloropropene	17.2		1.0	0.27
79-01-6	Trichloroethene	19.9		1.0	0.32
124-48-1	Chlorodibromomethane	16.6		1.0	0.19
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.18
71-43-2	Benzene	19.8		1.0	0.26
10061-02-6	trans-1,3-Dichloropropene	17.0		1.0	0.27
75-25-2	Bromoform	15.9		1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	95.9		5.0	1.6
591-78-6	2-Hexanone	95.9		5.0	1.7
127-18-4	Tetrachloroethene	20.6		1.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.21
108-88-3	Toluene	19.3		1.0	0.23
108-90-7	Chlorobenzene	19.3		1.0	0.18
100-41-4	Ethylbenzene	19.5		1.0	0.20
100-42-5	Styrene	18.0		1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-847741/3

Matrix: Solid | Lab File ID: K34597.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/02/2022 04:38

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	18.6		1.0	0.17
95-47-6	o-Xylene	18.8		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.9		1.0	0.30
1634-04-4	Methyl tert-butyl ether	18.2		1.0	0.51
110-82-7	Cyclohexane	20.5		1.0	0.22
106-93-4	Ethylene Dibromide	17.1		1.0	0.18
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.37
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.36
75-71-8	Dichlorodifluoromethane	20.4		1.0	0.34
120-82-1	1,2,4-Trichlorobenzene	21.5		1.0	0.36
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	19.5		1.0	0.46
74-97-5	Chlorobromomethane	18.9		1.0	0.28
98-82-8	Isopropylbenzene	20.5		1.0	0.29
79-20-9	Methyl acetate	35.1		5.0	4.3
108-87-2	Methylcyclohexane	19.7		1.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		72-145
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	103		73-139

Report Date: 02-Jun-2022 10:33:38 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34597.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Jun-2022 04:38:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0146026-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:33:37 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: tupayachia Date: 02-Jun-2022 05:02:10

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3	1,1-Difluoroethane	65	1.094	1.094	0.000	98	35931	NC	NC	a
2	Chlorotrifluoroethene	116	1.099	1.099	0.000	59	35202	20.0	18.3	
4	Dichlorodifluoromethane	85	1.126	1.126	0.000	98	118647	20.0	20.4	
5	Chlorodifluoromethane	67	1.126	1.126	0.000	95	17939	20.0	21.6	a
6	Chloromethane	50	1.246	1.246	0.000	98	92160	20.0	19.8	M
7	Butadiene	54	1.295	1.295	0.000	93	68245	20.0	18.9	
8	Vinyl chloride	62	1.317	1.317	0.000	98	90641	20.0	21.4	
9	Bromomethane	94	1.508	1.508	0.000	98	78757	20.0	22.3	
10	Chloroethane	64	1.541	1.541	0.000	100	45329	20.0	21.3	
11	Dichlorofluoromethane	67	1.672	1.672	0.000	98	134199	20.0	22.3	
13	Pentane	72	1.732	1.732	0.000	95	19802	40.0	47.5	
12	Trichlorofluoromethane	101	1.727	1.727	0.000	95	138075	20.0	22.1	
15	Ethyl ether	59	1.857	1.857	0.000	93	39346	20.0	18.0	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	1.868	1.868	0.000	83	72328	20.0	22.7	Ma
16	2-Methyl-1,3-butadiene	53	1.879	1.879	0.000	92	49989	20.0	19.7	
14	Ethanol	46	1.863	1.863	0.000	63	14407	800.0	671.0	M
18	1,1,1-Trifluoro-2,2-dichloroetha	83	1.912	1.912	0.000	87	105865	20.0	21.9	a
19	Acrolein	56	1.945	1.945	0.000	98	76951	300.0	379.6	
21	1,1-Dichloroethene	96	2.016	2.016	0.000	95	63547	20.0	19.9	
20	112TCTFE	101	2.054	2.054	0.000	98	89162	20.0	22.9	
22	Acetone	43	2.048	2.048	0.000	63	77590	100.0	74.9	
23	Iodomethane	142	2.119	2.119	0.000	98	143401	20.0	19.5	
24	Isopropyl alcohol	45	2.152	2.152	0.000	24	45204	200.0	202.1	M
25	Carbon disulfide	76	2.168	2.168	0.000	99	239197	20.0	20.3	
26	3-Chloro-1-propene	39	2.261	2.261	0.000	90	69369	20.0	16.9	
27	Methyl acetate	43	2.278	2.278	0.000	97	64664	40.0	35.1	
29	Acetonitrile	41	2.316	2.316	0.000	31	40840	200.0	218.3	a
28	Cyclopentene	67	2.327	2.327	0.000	94	144794	20.0	18.9	
31	Methylene Chloride	84	2.349	2.349	0.000	88	70902	20.0	18.0	
* 30	TBA-d9 (IS)	65	2.436	2.436	0.000	81	337957	1000.0	1000.0	
32	2-Methyl-2-propanol	59	2.490	2.490	0.000	40	104518	200.0	198.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.518	2.518	0.000	95	178343	200.0	167.5	
34 trans-1,2-Dichloroethene	96	2.550	2.550	0.000	91	71015	20.0	20.3	
33 Methyl tert-butyl ether	73	2.556	2.556	0.000	95	173988	20.0	18.2	
36 Hexane	43	2.769	2.769	0.000	92	45058	20.0	17.4	
38 1,1-Dichloroethane	63	2.872	2.872	0.000	99	103834	20.0	18.8	
39 Vinyl acetate	86	2.916	2.916	0.000	99	20660	40.0	43.6	
37 Isopropyl ether	45	2.938	2.938	0.000	83	161337	20.0	16.5	
40 2-Chloro-1,3-butadiene	88	2.943	2.943	0.000	86	60673	20.0	19.6	
41 Tert-butyl ethyl ether	87	3.232	3.238	-0.006	91	79305	20.0	17.6	
* 42 2-Butanone-d5	46	3.314	3.314	0.000	90	193585	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.347	3.347	0.000	97	78434	20.0	19.5	
43 2,2-Dichloropropane	79	3.358	3.358	0.000	82	39093	20.0	19.9	
46 2-Butanone (MEK)	72	3.363	3.363	0.000	96	32621	100.0	102.7	a
48 Propionitrile	54	3.407	3.407	0.000	94	76179	200.0	179.5	a
45 Ethyl acetate	70	3.423	3.423	0.000	99	10542	40.0	43.5	
47 Methyl acrylate	55	3.451	3.451	0.000	98	51796	20.0	17.0	a
51 Methacrylonitrile	67	3.538	3.538	0.000	89	205942	200.0	173.5	
50 Chlorobromomethane	128	3.554	3.554	0.000	74	42688	20.0	18.9	
49 Tetrahydrofuran	72	3.614	3.614	0.000	74	14346	40.0	36.9	
52 Chloroform	83	3.631	3.631	0.000	100	121105	20.0	19.2	
$ 55 Dibromofluoromethane (Surr)	113	3.773	3.773	0.000	97	168160	50.0	51.6	
54 1,1,1-Trichloroethane	97	3.805	3.805	0.000	97	123581	20.0	20.3	
53 Cyclohexane	84	3.865	3.865	0.000	88	110371	20.0	20.5	
57 1,1-Dichloropropene	75	3.953	3.953	0.000	96	84979	20.0	19.7	
56 Carbon tetrachloride	117	3.964	3.964	0.000	98	107692	20.0	20.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.089	4.089	0.000	0	144934	50.0	48.8	
58 Isobutyl alcohol	74	4.149	4.149	0.000	42	24156	500.0	511.7	a
60 Benzene	78	4.155	4.155	0.000	94	252888	20.0	19.8	
64 1,2-Dichloroethane	62	4.160	4.160	0.000	96	75760	20.0	17.4	
59 Isooctane	57	4.247	4.247	0.000	94	199789	20.0	16.8	
62 Isopropyl acetate	61	4.247	4.258	-0.011	70	19980	20.0	17.3	a
63 Tert-amyl methyl ether	73	4.280	4.280	0.000	97	182989	20.0	17.3	
* 66 Fluorobenzene	96	4.433	4.433	0.000	99	497690	50.0	50.0	
65 n-Heptane	43	4.455	4.438	0.017	85	75341	20.0	16.3	a
68 n-Butanol	56	4.777	4.777	0.000	86	53629	500.0	585.7	
69 Trichloroethene	95	4.820	4.820	0.000	96	68331	20.0	19.9	
70 Ethyl acrylate	55	4.951	4.946	0.005	98	48215	20.0	14.9	
71 Methylcyclohexane	83	5.033	5.033	0.000	92	127570	20.0	19.7	
72 1,2-Dichloropropane	63	5.049	5.049	0.000	87	56867	20.0	17.8	
* 73 1,4-Dioxane-d8	96	5.159	5.159	0.000	90	28227	1000.0	1000.0	
77 Dibromomethane	93	5.180	5.180	0.000	94	41886	20.0	19.0	
74 Methyl methacrylate	69	5.213	5.213	0.000	78	63095	40.0	33.5	
75 1,4-Dioxane	88	5.230	5.230	0.000	33	18683	400.0	445.9	
76 n-Propyl acetate	43	5.300	5.300	0.000	96	54465	20.0	15.8	
78 Dichlorobromomethane	83	5.371	5.371	0.000	97	80727	20.0	17.7	
79 2-Nitropropane	41	5.644	5.644	0.000	93	20365	40.0	32.0	
67 2-Chloroethyl vinyl ether	63	5.753	5.753	0.000	88	4601	20.0	11.2	
80 Epichlorohydrin	57	5.802	5.802	0.000	99	91620	400.0	392.3	
81 cis-1,3-Dichloropropene	75	5.912	5.912	0.000	92	84216	20.0	17.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.141	6.141	0.000	95	236324	100.0	95.9	
$ 83 Toluene-d8 (Surr)	98	6.250	6.250	0.000	99	560904	50.0	50.8	
84 Toluene	91	6.332	6.332	0.000	93	263167	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.637	6.637	0.000	97	72700	20.0	17.0	
86 Ethyl methacrylate	69	6.817	6.817	0.000	87	61127	20.0	15.9	
87 1,1,2-Trichloroethane	83	6.866	6.866	0.000	95	40928	20.0	18.7	
88 Tetrachloroethene	166	7.057	7.057	0.000	98	74770	20.0	20.6	
89 1,3-Dichloropropane	76	7.090	7.090	0.000	91	72874	20.0	17.9	
90 2-Hexanone	43	7.265	7.265	0.000	94	138968	100.0	95.9	
92 Chlorodibromomethane	129	7.396	7.396	0.000	98	59230	20.0	16.6	
91 n-Butyl acetate	43	7.488	7.488	0.000	98	59701	20.0	14.8	
93 Ethylene Dibromide	107	7.527	7.527	0.000	100	51026	20.0	17.1	
* 94 Chlorobenzene-d5	117	8.225	8.225	0.000	83	383181	50.0	50.0	
95 Chlorobenzene	112	8.269	8.269	0.000	98	171375	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	8.416	8.416	0.000	94	81133	20.0	19.0	
96 Ethylbenzene	106	8.471	8.471	0.000	97	99815	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.656	8.656	0.000	0	120588	20.0	18.6	
100 o-Xylene	106	9.169	9.169	0.000	94	127994	20.0	18.8	
101 Styrene	104	9.191	9.191	0.000	97	183728	20.0	18.0	
99 n-Butyl acrylate	73	9.213	9.213	0.000	98	41244	20.0	19.7	
103 Bromoform	173	9.371	9.371	0.000	96	39489	20.0	15.9	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	91	78928	20.0	17.4	
104 Isopropylbenzene	105	9.622	9.622	0.000	95	364891	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	97	184633	50.0	50.5	
106 Bromobenzene	156	9.895	9.895	0.000	90	82926	20.0	18.0	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.949	0.000	97	83715	20.0	19.0	
109 1,2,3-Trichloropropane	110	9.971	9.971	0.000	96	23812	20.0	19.0	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.009	0.000	94	16098	20.0	16.6	
108 N-Propylbenzene	91	10.058	10.058	0.000	100	396007	20.0	19.5	
111 2-Chlorotoluene	91	10.118	10.118	0.000	97	231849	20.0	19.1	
112 4-Ethyltoluene	105	10.178	10.178	0.000	99	337937	20.0	19.5	
114 4-Chlorotoluene	91	10.228	10.228	0.000	97	246601	20.0	18.8	
113 1,3,5-Trimethylbenzene	105	10.249	10.249	0.000	94	311071	20.0	19.5	
115 Butyl Methacrylate	87	10.386	10.386	0.000	87	87484	20.0	19.3	
116 tert-Butylbenzene	119	10.549	10.549	0.000	94	243877	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.593	10.593	0.000	97	320007	20.0	18.6	
118 sec-Butylbenzene	105	10.751	10.751	0.000	99	409445	20.0	20.2	
120 1,3-Dichlorobenzene	146	10.817	10.817	0.000	97	169877	20.0	19.6	
* 121 1,4-Dichlorobenzene-d4	152	10.877	10.877	0.000	95	235803	50.0	50.0	
119 4-Isopropyltoluene	119	10.888	10.888	0.000	98	363485	20.0	20.4	
122 1,4-Dichlorobenzene	146	10.899	10.899	0.000	96	172452	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	10.959	10.959	0.000	98	342733	20.0	19.2	
124 Benzyl chloride	91	11.024	11.024	0.000	99	152457	20.0	18.7	
125 2,3-Dihydroindene	117	11.117	11.117	0.000	94	321215	20.0	19.6	
128 1,2-Dichlorobenzene	146	11.210	11.210	0.000	98	184088	20.0	20.4	
126 p-Diethylbenzene	119	11.215	11.215	0.000	95	193062	20.0	20.7	a
127 n-Butylbenzene	92	11.237	11.237	0.000	98	188309	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.832	0.000	97	363129	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	86	25149	20.0	19.5	
131 1,3,5-Trichlorobenzene	180	12.006	12.006	0.000	98	163908	20.0	21.1	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	94	158835	20.0	21.5	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	95	67816	20.0	21.3	
134 Naphthalene	128	12.628	12.628	0.000	99	373478	20.0	20.2	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	96	159353	20.0	21.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.8	

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	37.4	
S 139 Total BTEX	1				0		100.0	96.0	

QC Flag Legend

Processing Flags
- NC - Not Calibrated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GASES Li_00478	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
8260ISNEW_00123	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jun-2022 10:33:38 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34597.D

Injection Date: 02-Jun-2022 04:38:30 Instrument ID: CVOAMS9 Operator ID:

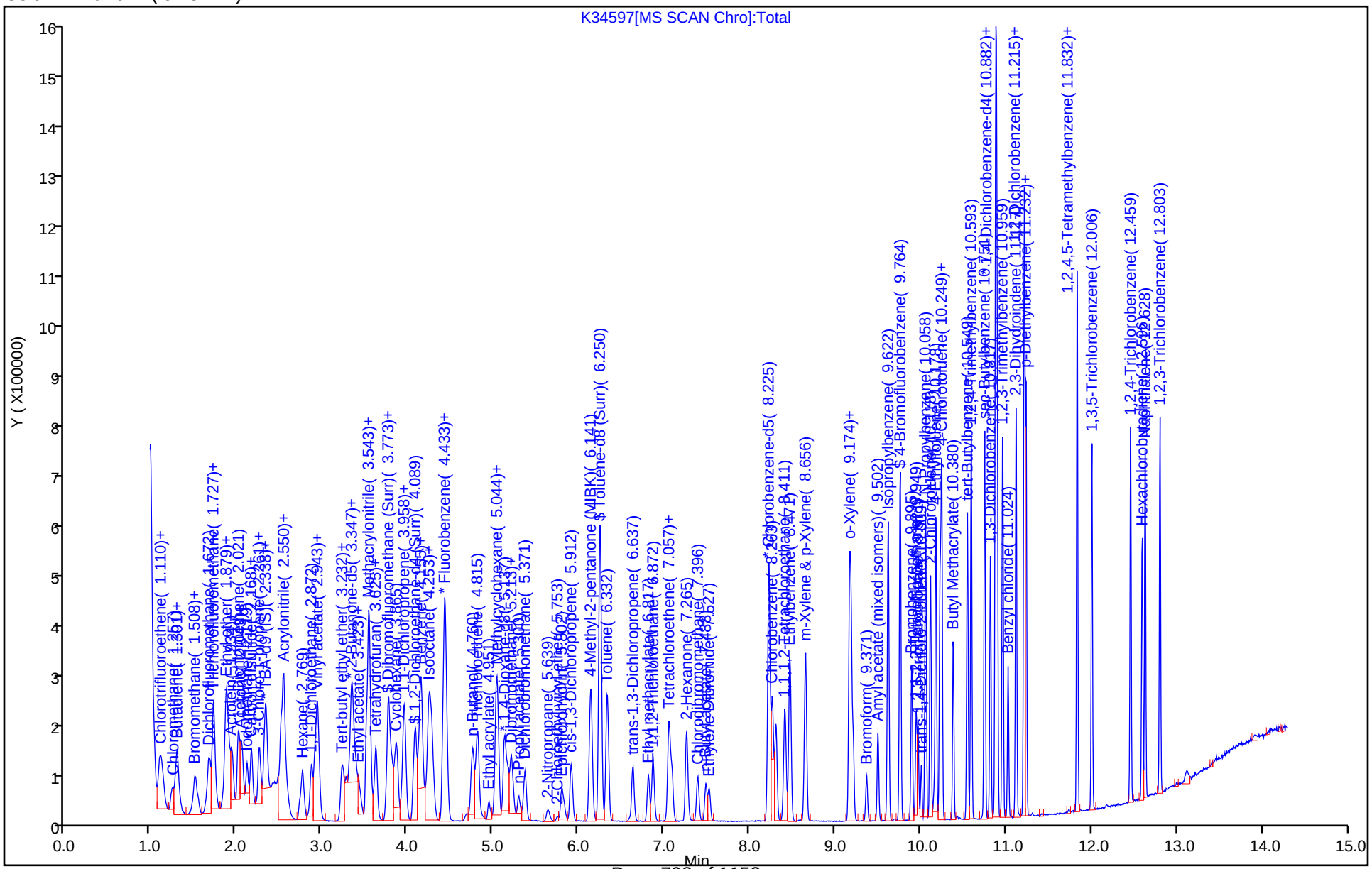
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34597.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Jun-2022 04:38:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0146026-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:33:37 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: tupayachia Date: 02-Jun-2022 05:02:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.6	103.24
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.8	97.68
$ 83 Toluene-d8 (Surr)	50.0	50.8	101.66
$ 105 4-Bromofluorobenzene	50.0	50.5	101.04

Manual Integration/User Assign Peak Report

Eurofins Edison

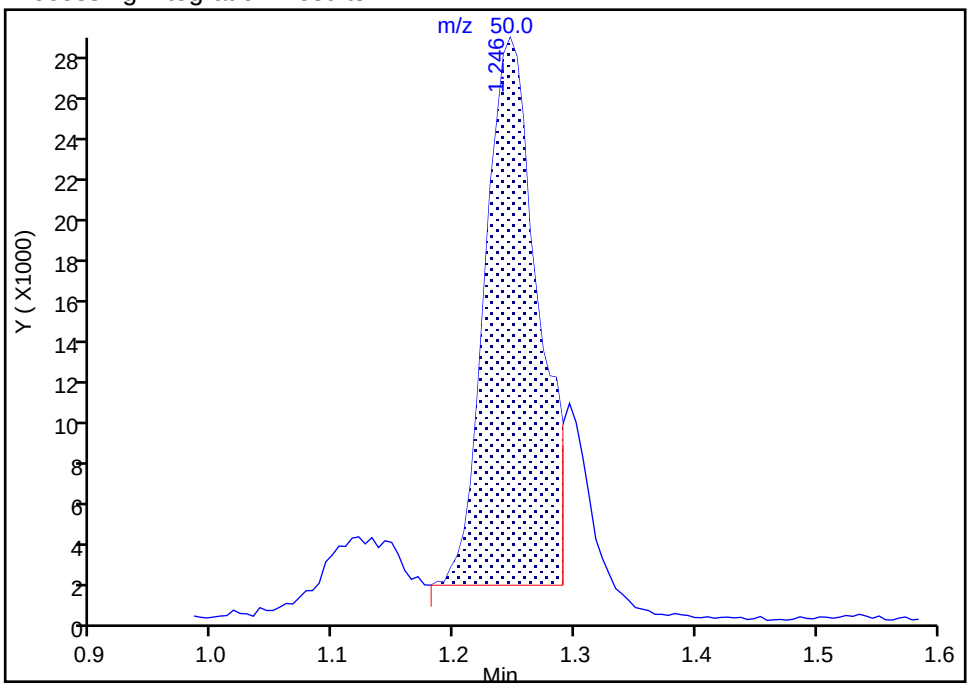
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34597.D
Injection Date: 02-Jun-2022 04:38:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

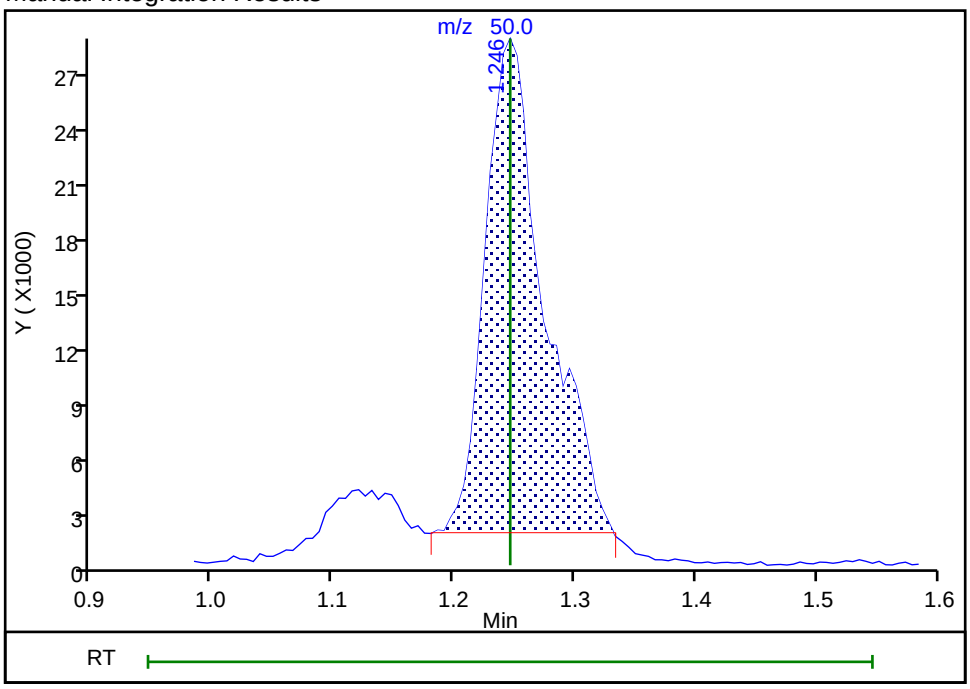
Processing Integration Results

RT: 1.25
Area: 82178
Amount: 17.665443
Amount Units: ug/l



Manual Integration Results

RT: 1.25
Area: 92160
Amount: 19.811230
Amount Units: ug/l



Reviewer: delpolitov, 02-Jun-2022 10:31:27
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

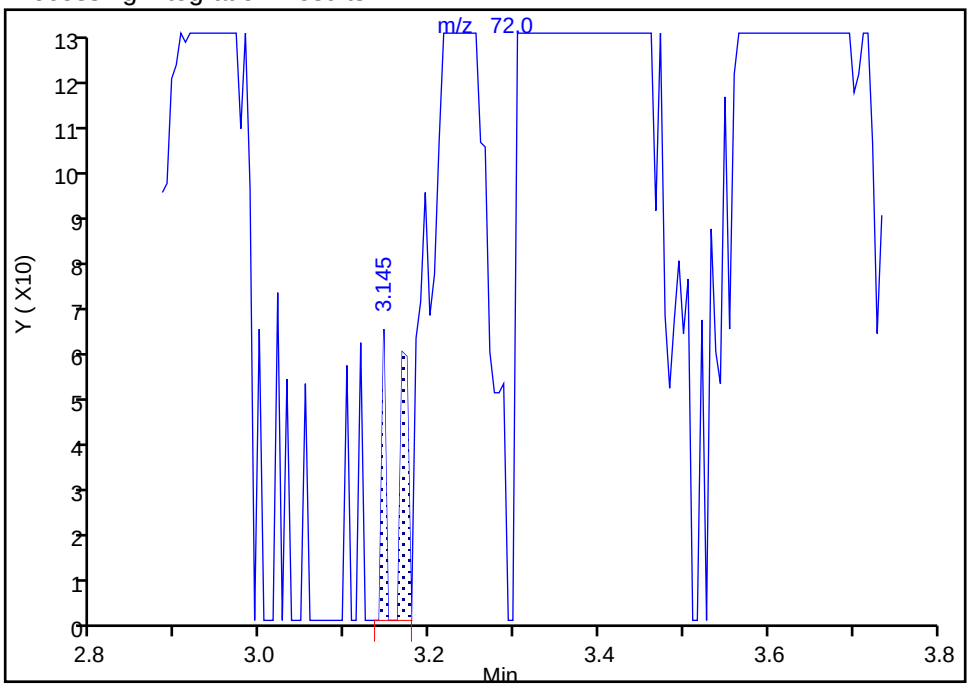
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34597.D
Injection Date: 02-Jun-2022 04:38:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

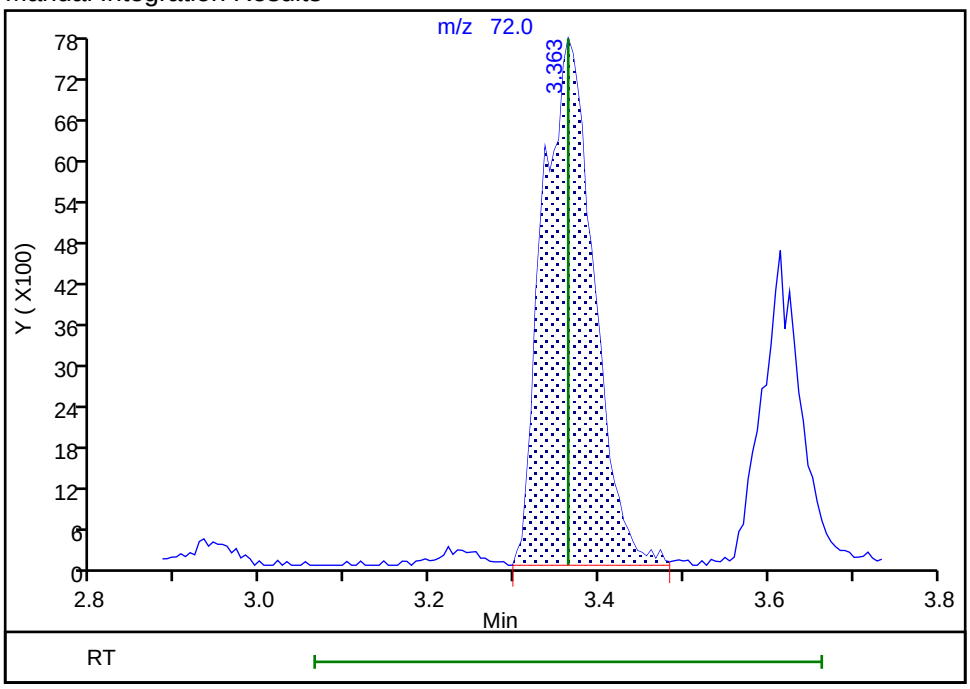
Processing Integration Results

RT: 3.15
Area: 59
Amount: -4.336216
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 32621
Amount: 102.6763
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 04:59:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-847356/5

Matrix: Solid | Lab File ID: B88098.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/31/2022 07:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.2		1.0	0.44
74-83-9	Bromomethane	22.4		2.0	1.0
75-01-4	Vinyl chloride	20.4		1.0	0.55
75-00-3	Chloroethane	22.9		1.0	0.52
75-09-2	Methylene Chloride	21.7		2.0	1.1
67-64-1	Acetone	115		6.0	5.7
75-15-0	Carbon disulfide	25.2		1.0	0.27
75-69-4	Trichlorofluoromethane	23.9		1.0	0.41
75-35-4	1,1-Dichloroethene	25.2		1.0	0.23
75-34-3	1,1-Dichloroethane	22.8		1.0	0.21
156-60-5	trans-1,2-Dichloroethene	23.8		1.0	0.25
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.36
67-66-3	Chloroform	22.1		1.0	0.97
107-06-2	1,2-Dichloroethane	20.5		1.0	0.30
78-93-3	2-Butanone (MEK)	113		5.0	0.37
71-55-6	1,1,1-Trichloroethane	23.6		1.0	0.23
56-23-5	Carbon tetrachloride	24.7		1.0	0.39
75-27-4	Dichlorobromomethane	21.3		1.0	0.26
78-87-5	1,2-Dichloropropane	20.2		1.0	0.42
10061-01-5	cis-1,3-Dichloropropene	17.9		1.0	0.27
79-01-6	Trichloroethene	21.7		1.0	0.32
124-48-1	Chlorodibromomethane	20.5		1.0	0.19
79-00-5	1,1,2-Trichloroethane	17.5		1.0	0.18
71-43-2	Benzene	16.9		1.0	0.26
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.27
75-25-2	Bromoform	21.0		1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	102		5.0	1.6
591-78-6	2-Hexanone	109		5.0	1.7
127-18-4	Tetrachloroethene	21.2		1.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.21
108-88-3	Toluene	18.7		1.0	0.23
108-90-7	Chlorobenzene	20.1		1.0	0.18
100-41-4	Ethylbenzene	19.9		1.0	0.20
100-42-5	Styrene	20.5		1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-847356/5

Matrix: Solid | Lab File ID: B88098.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/31/2022 07:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 847356 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	20.4		1.0	0.17
95-47-6	o-Xylene	18.7		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25.5		1.0	0.30
1634-04-4	Methyl tert-butyl ether	22.9		1.0	0.51
110-82-7	Cyclohexane	22.1		1.0	0.22
106-93-4	Ethylene Dibromide	20.0		1.0	0.18
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.37
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.36
75-71-8	Dichlorodifluoromethane	19.8		1.0	0.34
120-82-1	1,2,4-Trichlorobenzene	21.1		1.0	0.36
87-61-6	1,2,3-Trichlorobenzene	20.4		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.46
74-97-5	Chlorobromomethane	22.8		1.0	0.28
98-82-8	Isopropylbenzene	19.7		1.0	0.29
79-20-9	Methyl acetate	43.3		5.0	4.3
108-87-2	Methylcyclohexane	22.1		1.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
2037-26-5	Toluene-d8 (Surr)	89		80-120
460-00-4	4-Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88098.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 31-May-2022 07:08:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0145937-005
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jun-2022 21:30:51 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: tupayachia Date: 31-May-2022 09:25:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.587	0.581	0.006	51	4292	20.0	22.2	a
2 1,1-Difluoroethane	51	0.648	0.642	0.006	92	106201	20.0	17.8	
4 Chlorodifluoromethane	67	0.654	0.642	0.012	97	13439	20.0	21.0	
3 Dichlorodifluoromethane	85	0.654	0.648	0.006	72	96262	20.0	19.8	
5 Chloromethane	50	0.727	0.721	0.006	98	106375	20.0	19.2	
7 Vinyl chloride	62	0.770	0.758	0.012	98	85305	20.0	20.4	
6 Butadiene	54	0.776	0.758	0.018	79	74235	20.0	19.2	
8 Bromomethane	94	0.904	0.892	0.012	98	69610	20.0	22.4	
9 Chloroethane	64	0.916	0.916	0.000	98	51825	20.0	22.9	
11 Trichlorofluoromethane	101	1.032	0.984	0.048	92	116698	20.0	23.9	a
10 Dichlorofluoromethane	67	1.014	1.008	0.006	72	119062	20.0	20.0	
12 Pentane	72	1.020	1.014	0.006	94	23453	40.0	44.1	
14 Ethanol	46	1.124	1.099	0.025	42	8612	800.0	895.5	
13 Ethyl ether	59	1.124	1.105	0.019	54	50593	20.0	24.9	
15 2-Methyl-1,3-butadiene	53	1.130	1.118	0.012	91	60758	20.0	23.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.154	1.136	0.018	88	63695	20.0	20.6	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.178	1.166	0.012	85	98000	20.0	21.5	a
18 Acrolein	56	1.178	1.173	0.005	95	83457	300.0	277.6	
19 1,1-Dichloroethene	96	1.221	1.215	0.006	95	76562	20.0	25.2	
21 Acetone	43	1.258	1.246	0.012	87	75237	100.0	115.4	
20 112TCTFE	101	1.282	1.276	0.006	54	88799	20.0	25.5	a
22 Iodomethane	142	1.294	1.288	0.006	97	154891	20.0	26.0	
23 Carbon disulfide	76	1.325	1.319	0.006	99	279075	20.0	25.2	
24 Isopropyl alcohol	45	1.361	1.349	0.012	46	39504	200.0	165.6	
25 3-Chloro-1-propene	39	1.404	1.404	0.000	91	84231	20.0	25.0	
26 Methyl acetate	43	1.422	1.416	0.006	97	77863	40.0	43.3	
27 Acetonitrile	39	1.447	1.422	0.025	20	40331	200.0	199.1	a
28 Methylene Chloride	84	1.471	1.471	0.000	85	80225	20.0	21.7	
* 29 TBA-d9 (IS)	65	1.532	1.538	-0.006	0	441411	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.587	1.587	0.000	91	86262	200.0	203.1	a
31 Acrylonitrile	53	1.617	1.611	0.006	96	192633	200.0	181.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.630	1.618	0.012	92	82964	20.0	23.8	
33 Methyl tert-butyl ether	73	1.648	1.642	0.006	95	186499	20.0	22.9	
34 Hexane	57	1.794	1.800	-0.006	91	106799	20.0	24.4	
35 1,1-Dichloroethane	63	1.886	1.874	0.012	98	126832	20.0	22.8	
36 Vinyl acetate	86	1.941	1.935	0.006	99	24833	40.0	53.6	
37 2-Chloro-1,3-butadiene	88	1.947	1.941	0.006	72	73132	20.0	24.0	
38 Isopropyl ether	45	1.965	1.971	-0.006	90	204474	20.0	18.9	
39 Tert-butyl ethyl ether	87	2.227	2.227	0.000	91	87273	20.0	21.7	
* 40 2-Butanone-d5	46	2.282	2.276	0.006	0	331122	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.300	2.288	0.012	98	91607	20.0	21.8	
42 2,2-Dichloropropane	79	2.288	2.294	-0.006	78	39721	20.0	22.9	
43 2-Butanone (MEK)	72	2.319	2.325	-0.007	97	38136	100.0	113.1	
44 Propionitrile	54	2.361	2.361	0.000	99	73412	200.0	196.2	
45 Ethyl acetate	70	2.386	2.404	-0.018	99	10166	40.0	37.2	
62 Methyl acrylate	55	2.404	2.404	0.000	64	58988	20.0	18.0	
47 Methacrylonitrile	67	2.477	2.471	0.006	88	234147	200.0	192.0	
46 Chlorobromomethane	128	2.477	2.471	0.006	56	45847	20.0	22.8	
48 Tetrahydrofuran	72	2.520	2.526	-0.006	75	18286	40.0	50.3	
49 Chloroform	83	2.562	2.556	0.006	100	131154	20.0	22.1	
$ 50 Dibromofluoromethane (Surr)	113	2.690	2.691	-0.001	97	193477	50.0	54.4	
51 1,1,1-Trichloroethane	97	2.709	2.697	0.012	82	119793	20.0	23.6	a
52 Cyclohexane	84	2.739	2.739	0.000	86	128181	20.0	22.1	
54 1,1-Dichloropropene	75	2.837	2.837	0.000	97	99873	20.0	22.2	
53 Carbon tetrachloride	117	2.843	2.837	0.006	95	104409	20.0	24.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	2.977	2.971	0.006	0	171690	50.0	50.4	
56 Benzene	78	3.020	3.014	0.006	94	288173	20.0	16.9	
57 1,2-Dichloroethane	62	3.044	3.038	0.006	97	78183	20.0	20.5	
58 Isobutyl alcohol	42	3.111	3.111	0.000	32	47349	500.0	479.3	Ma
59 Tert-amyl methyl ether	73	3.190	3.190	0.000	93	225383	20.0	20.7	
73 Isopropyl acetate	43	3.196	3.203	-0.007	97	183031	20.0	15.4	
* 60 Fluorobenzene	96	3.312	3.306	0.006	100	818461	50.0	50.0	
61 n-Heptane	43	3.361	3.367	-0.006	90	107735	20.0	17.4	
63 Trichloroethene	95	3.702	3.696	0.006	96	75038	20.0	21.7	
64 n-Butanol	43	3.843	3.849	-0.006	78	4797	500.0	158.1	Ma
65 Methylcyclohexane	83	3.904	3.910	-0.006	95	144655	20.0	22.1	
66 Ethyl acrylate	55	3.916	3.916	0.000	93	168173	20.0	20.0	
67 1,2-Dichloropropane	63	3.940	3.946	-0.006	94	70105	20.0	20.2	
68 Dibromomethane	93	4.074	4.068	0.006	94	40993	20.0	20.8	
* 69 1,4-Dioxane-d8	96	4.123	4.105	0.018	0	36718	1000.0	1000.0	
70 1,4-Dioxane	88	4.166	4.190	-0.024	34	13950	400.0	368.3	Ma
71 Methyl methacrylate	100	4.208	4.215	-0.007	96	32361	40.0	45.7	
72 Dichlorobromomethane	83	4.312	4.312	0.000	99	86407	20.0	21.3	
81 n-Propyl acetate	43	4.330	4.330	0.000	96	64190	20.0	17.8	
74 2-Nitropropane	41	4.623	4.623	0.000	96	23890	40.0	35.1	
75 2-Chloroethyl vinyl ether	63	4.806	4.800	0.006	90	17388	20.0	16.2	
76 Epichlorohydrin	57	4.824	4.818	0.006	98	99863	400.0	441.0	
77 cis-1,3-Dichloropropene	75	4.922	4.922	0.000	91	107250	20.0	17.9	
78 4-Methyl-2-pentanone (MIBK)	43	5.220	5.221	0.000	94	242220	100.0	102.4	a
$ 79 Toluene-d8 (Surr)	98	5.281	5.275	0.006	99	753504	50.0	44.5	
80 Toluene	91	5.367	5.367	0.000	93	323400	20.0	18.7	
82 trans-1,3-Dichloropropene	75	5.793	5.787	0.006	95	85698	20.0	17.7	
83 1,1,2-Trichloroethane	83	6.043	6.044	-0.001	94	49363	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.074	6.074	0.000	72	63947	20.0	19.0	a
85 Tetrachloroethene	166	6.196	6.196	0.000	97	89000	20.0	21.2	
86 1,3-Dichloropropane	76	6.287	6.281	0.006	92	92502	20.0	16.8	
87 2-Hexanone	43	6.586	6.580	0.006	95	170179	100.0	108.7	
88 Chlorodibromomethane	129	6.641	6.641	0.000	97	71297	20.0	20.5	
89 Ethylene Dibromide	107	6.751	6.751	0.000	98	64666	20.0	20.0	
90 n-Butyl acetate	43	6.921	6.921	0.000	98	71814	20.0	14.7	
* 91 Chlorobenzene-d5	117	7.635	7.635	0.000	83	686982	50.0	50.0	
92 Chlorobenzene	112	7.683	7.683	0.000	97	219713	20.0	20.1	
93 1,1,1,2-Tetrachloroethane	131	7.897	7.903	-0.006	97	70935	20.0	18.8	
94 Ethylbenzene	106	7.988	7.982	0.006	97	117429	20.0	19.9	
95 m-Xylene & p-Xylene	106	8.232	8.232	0.000	99	141509	20.0	20.4	
96 o-Xylene	106	8.970	8.958	0.012	95	127106	20.0	18.7	
97 Styrene	104	9.012	9.012	0.000	98	223291	20.0	20.5	
98 n-Butyl acrylate	73	9.213	9.208	0.005	97	38102	20.0	17.1	
99 Bromoform	173	9.250	9.250	0.000	97	46902	20.0	21.0	
101 Amyl acetate (mixed isomers)	43	9.695	9.689	0.006	93	80067	20.0	14.1	
102 Isopropylbenzene	105	9.713	9.714	-0.001	95	363292	20.0	19.7	
$ 103 4-Bromofluorobenzene	174	9.921	9.915	0.006	94	255924	50.0	49.7	
104 Bromobenzene	156	10.091	10.098	-0.007	91	98207	20.0	20.1	
105 1,2,3-Trichloropropane	110	10.317	10.317	0.000	96	23602	20.0	19.7	
106 1,1,2,2-Tetrachloroethane	83	10.341	10.335	0.006	98	85516	20.0	17.3	
107 trans-1,4-Dichloro-2-butene	53	10.445	10.439	0.006	88	19852	20.0	15.4	
108 N-Propylbenzene	120	10.463	10.469	-0.006	99	107288	20.0	20.2	
109 2-Chlorotoluene	126	10.506	10.506	0.000	96	97600	20.0	20.7	
110 4-Ethyltoluene	105	10.689	10.689	0.000	98	361237	20.0	19.9	
111 4-Chlorotoluene	91	10.719	10.713	0.006	97	302848	20.0	19.0	
112 1,3,5-Trimethylbenzene	105	10.823	10.817	0.006	94	308262	20.0	19.6	
100 Butyl Methacrylate	87	11.201	11.201	0.000	96	79161	20.0	18.0	
113 tert-Butylbenzene	119	11.353	11.353	0.000	95	252704	20.0	19.6	
114 1,2,4-Trimethylbenzene	105	11.439	11.439	0.000	97	314873	20.0	19.1	
115 sec-Butylbenzene	105	11.743	11.738	0.005	99	416240	20.0	19.2	
116 1,3-Dichlorobenzene	146	11.804	11.805	-0.001	99	197268	20.0	20.5	
* 117 1,4-Dichlorobenzene-d4	152	11.951	11.951	0.000	94	392300	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.993	11.987	0.006	97	198937	20.0	20.0	
119 4-Isopropyltoluene	119	12.073	12.073	0.000	98	365887	20.0	20.1	
120 1,2,3-Trimethylbenzene	105	12.170	12.170	0.000	97	327234	20.0	18.7	
121 Benzyl chloride	126	12.323	12.323	0.000	99	32980	20.0	19.0	
122 2,3-Dihydroindene	117	12.499	12.500	-0.001	95	307759	20.0	23.5	
123 1,2-Dichlorobenzene	146	12.688	12.682	0.006	97	183533	20.0	19.8	
124 p-Diethylbenzene	119	12.823	12.823	0.000	93	193416	20.0	20.7	a
125 n-Butylbenzene	92	12.847	12.847	0.000	97	202964	20.0	17.9	
126 1,2-Dibromo-3-Chloropropane	157	13.603	13.603	0.000	92	18697	20.0	18.8	
127 1,2,4,5-Tetramethylbenzene	119	13.639	13.640	-0.001	98	329911	20.0	20.3	
128 1,3,5-Trichlorobenzene	180	13.786	13.780	0.006	97	165649	20.0	21.2	
129 1,2,4-Trichlorobenzene	180	14.237	14.231	0.006	94	148017	20.0	21.1	
130 Hexachlorobutadiene	225	14.383	14.377	0.006	91	76556	20.0	22.2	
131 Naphthalene	128	14.383	14.377	0.006	99	332478	20.0	18.3	
132 1,2,3-Trichlorobenzene	180	14.548	14.542	0.006	95	141276	20.0	20.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	45.7	
S 134 1,3-Dichloropropene, Total	100				0		40.0	35.5	
S 135 Xylenes, Total	100				0		40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	94.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
GASES Li_00477	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00226	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jun-2022 21:30:52 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88098.D

Injection Date: 31-May-2022 07:08:30 Instrument ID: CVOAMS2 Operator ID:

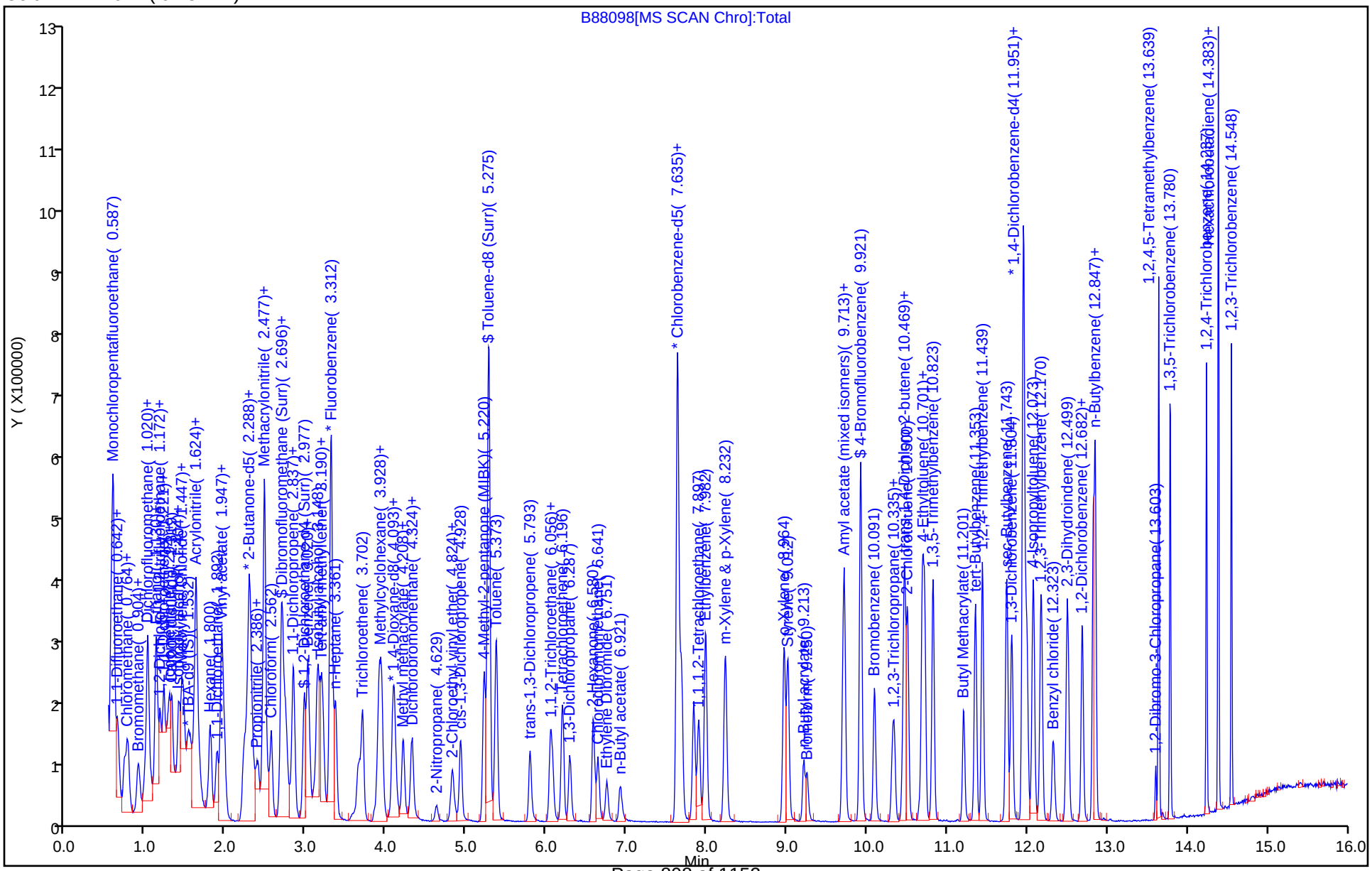
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88098.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 31-May-2022 07:08:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0145937-005
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jun-2022 21:30:51 Calib Date: 18-May-2022 14:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20220518-145428.b\B87426.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: tupayachia Date: 31-May-2022 09:25:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.4	108.72
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	50.4	100.74
$ 79 Toluene-d8 (Surr)	50.0	44.5	89.04
$ 103 4-Bromofluorobenzene	50.0	49.7	99.32

Manual Integration/User Assign Peak Report

Eurofins Edison

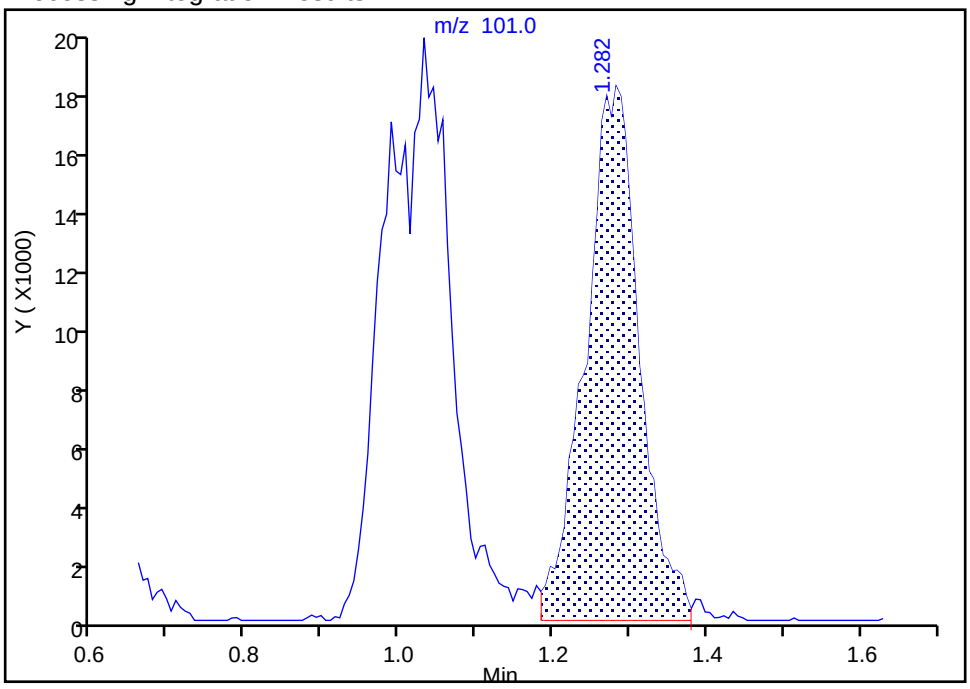
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Injection Date: 31-May-2022 07:08:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

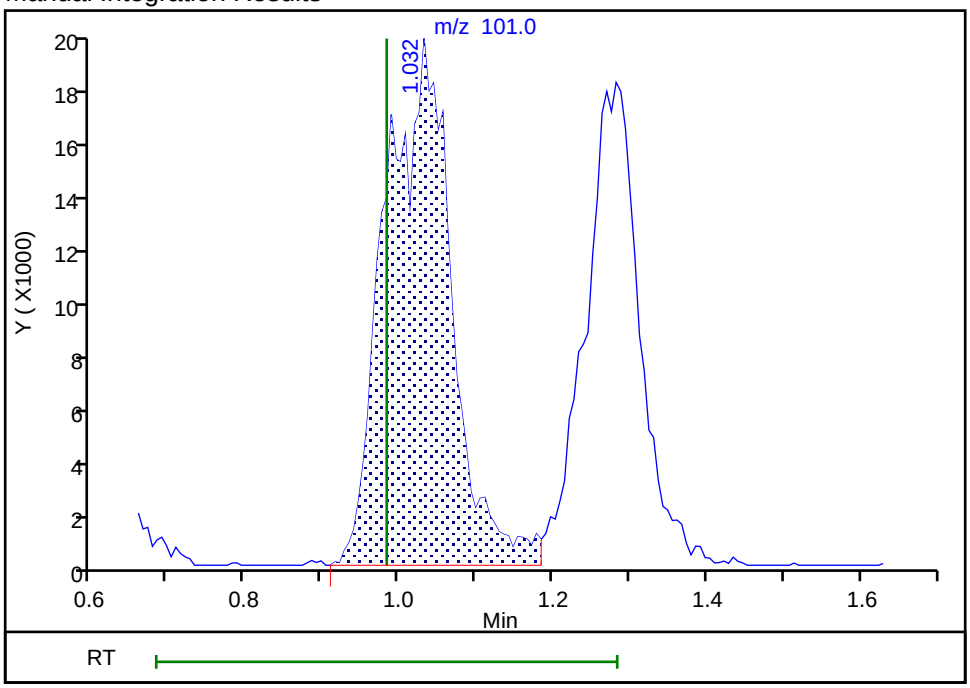
Processing Integration Results

RT: 1.28
Area: 87252
Amount: 17.835022
Amount Units: ug/l



Manual Integration Results

RT: 1.03
Area: 116698
Amount: 23.854025
Amount Units: ug/l



Reviewer: martineze, 31-May-2022 13:23:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

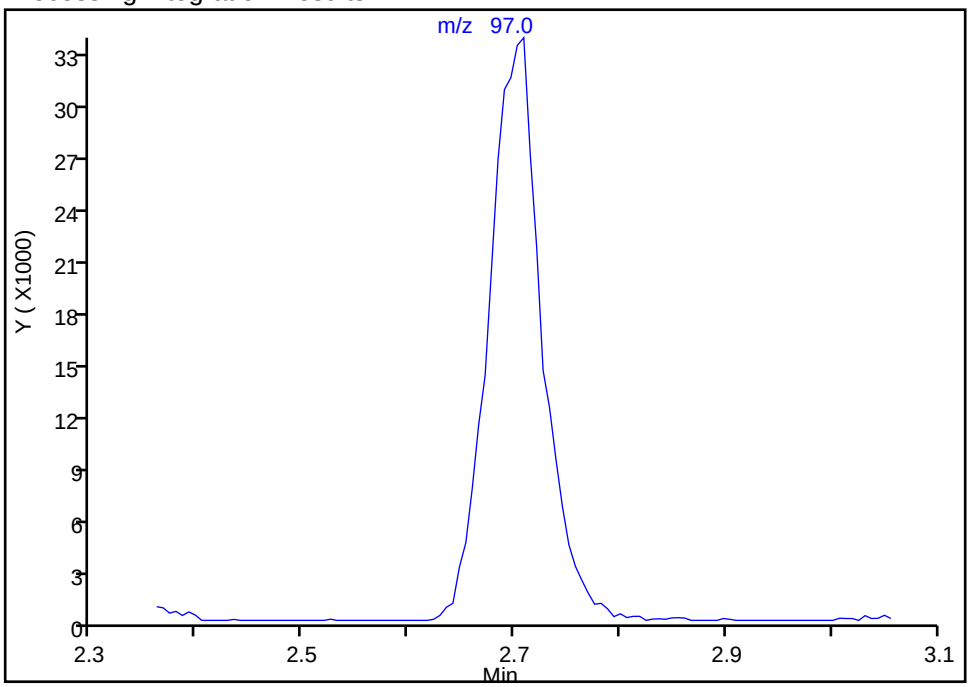
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88098.D
Injection Date: 31-May-2022 07:08:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

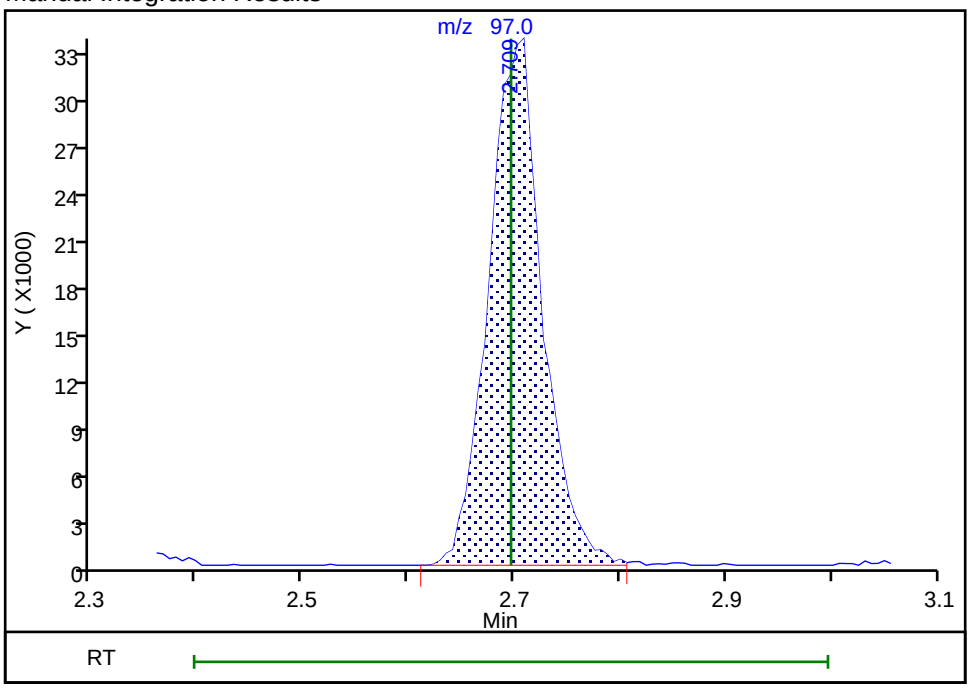
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.71
Area: 119793
Amount: 23.616229
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 09:23:56
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

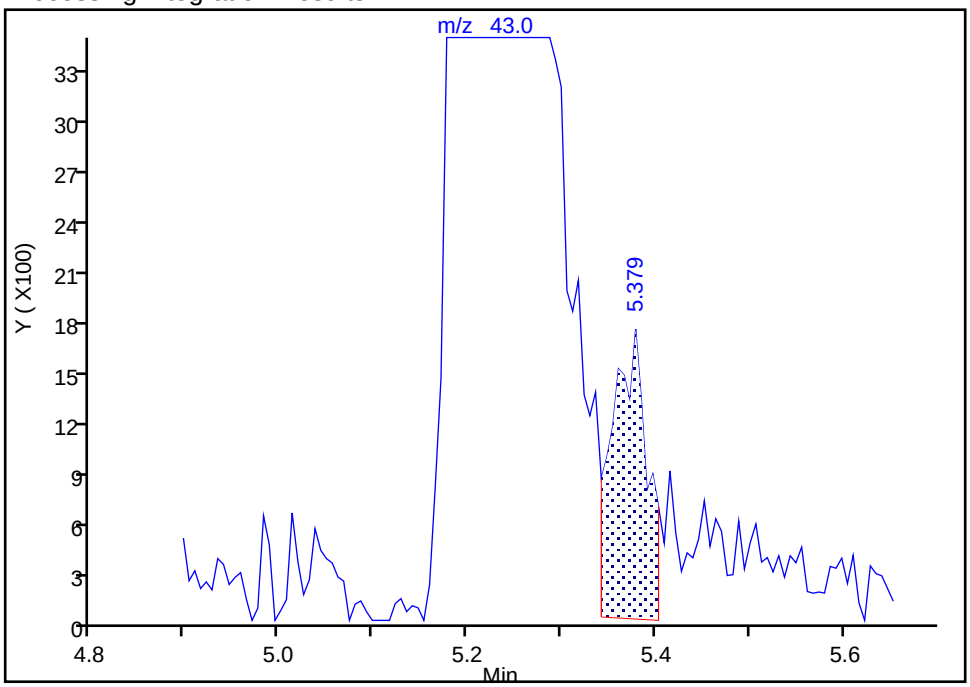
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88098.D
Injection Date: 31-May-2022 07:08:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

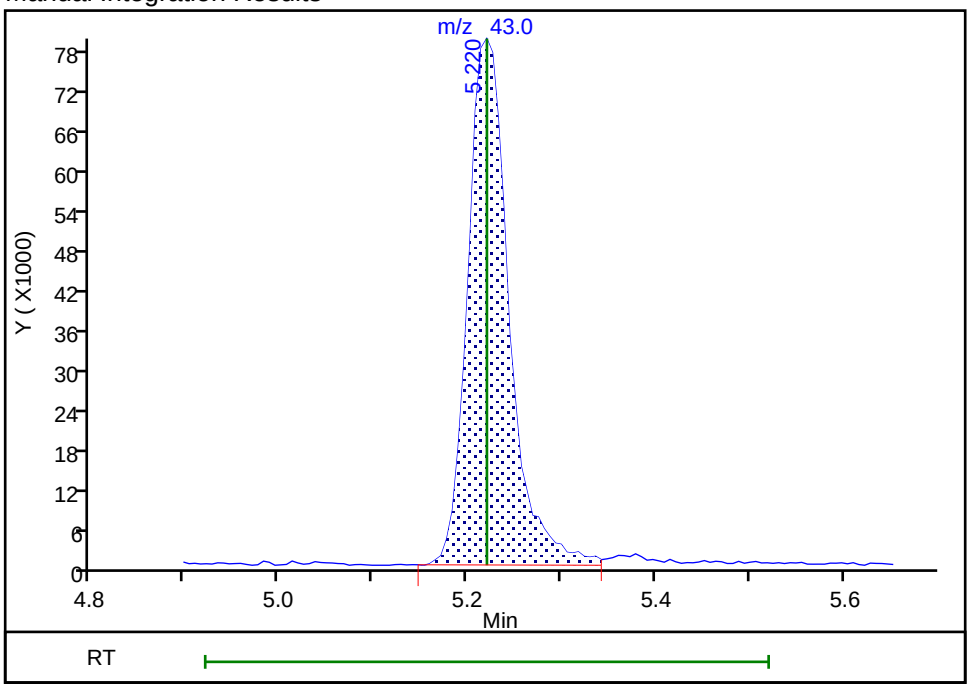
Processing Integration Results

RT: 5.38
Area: 4544
Amount: 1.920268
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 242220
Amount: 102.3608
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 09:24:50
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

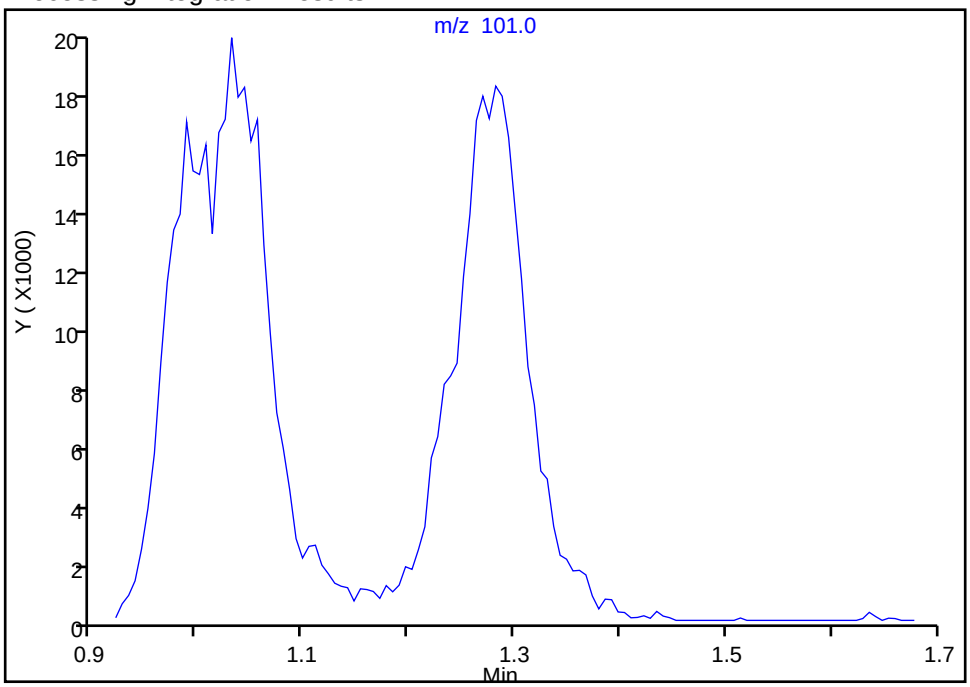
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20220531-145937.b\B88098.D
Injection Date: 31-May-2022 07:08:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

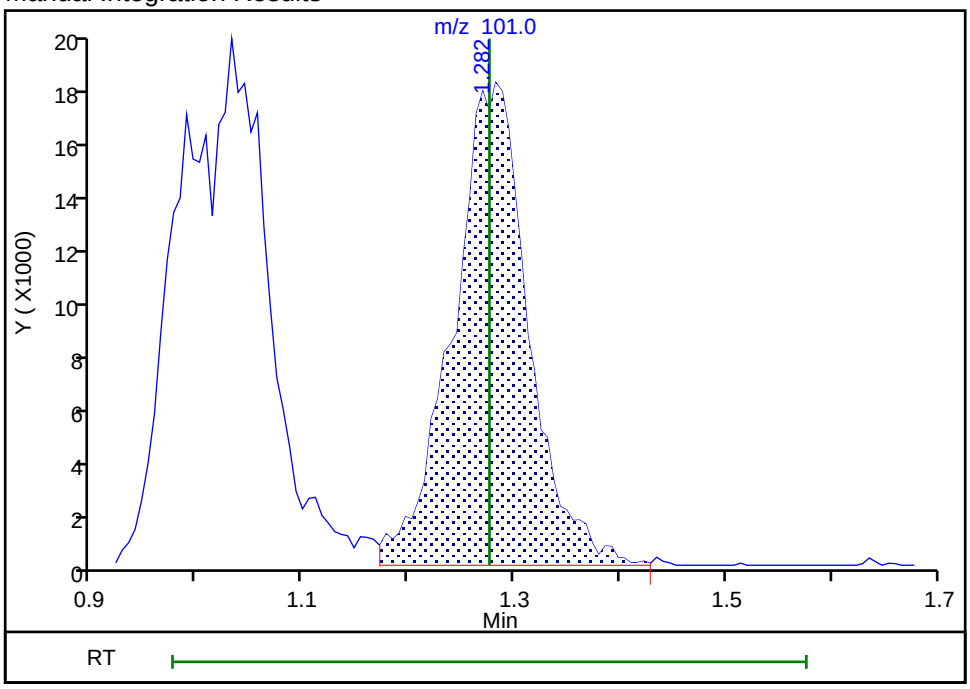
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 88799
Amount: 25.463649
Amount Units: ug/l



Reviewer: tupayachia, 31-May-2022 09:23:20
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-847741/4

Matrix: Solid | Lab File ID: K34598.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/02/2022 05:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.3		1.0	0.44
74-83-9	Bromomethane	21.9		2.0	1.0
75-01-4	Vinyl chloride	21.3		1.0	0.55
75-00-3	Chloroethane	22.3		1.0	0.52
75-09-2	Methylene Chloride	19.3		2.0	1.1
67-64-1	Acetone	87.5		6.0	5.7
75-15-0	Carbon disulfide	20.7		1.0	0.27
75-69-4	Trichlorofluoromethane	22.6		1.0	0.41
75-35-4	1,1-Dichloroethene	20.5		1.0	0.23
75-34-3	1,1-Dichloroethane	20.1		1.0	0.21
156-60-5	trans-1,2-Dichloroethene	21.2		1.0	0.25
156-59-2	cis-1,2-Dichloroethene	20.7		1.0	0.36
67-66-3	Chloroform	21.0		1.0	0.97
107-06-2	1,2-Dichloroethane	19.4		1.0	0.30
78-93-3	2-Butanone (MEK)	125		5.0	0.37
71-55-6	1,1,1-Trichloroethane	21.3		1.0	0.23
56-23-5	Carbon tetrachloride	21.0		1.0	0.39
75-27-4	Dichlorobromomethane	20.0		1.0	0.26
78-87-5	1,2-Dichloropropane	19.6		1.0	0.42
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.27
79-01-6	Trichloroethene	21.6		1.0	0.32
124-48-1	Chlorodibromomethane	19.8		1.0	0.19
79-00-5	1,1,2-Trichloroethane	22.0		1.0	0.18
71-43-2	Benzene	21.4		1.0	0.26
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.27
75-25-2	Bromoform	19.7		1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	118		5.0	1.6
591-78-6	2-Hexanone	115		5.0	1.7
127-18-4	Tetrachloroethene	23.0		1.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	22.3		1.0	0.21
108-88-3	Toluene	21.5		1.0	0.23
108-90-7	Chlorobenzene	22.5		1.0	0.18
100-41-4	Ethylbenzene	22.2		1.0	0.20
100-42-5	Styrene	21.7		1.0	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-847741/4

Matrix: Solid | Lab File ID: K34598.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/02/2022 05:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 847741 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	21.1		1.0	0.17
95-47-6	o-Xylene	22.2		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.7		1.0	0.30
1634-04-4	Methyl tert-butyl ether	19.4		1.0	0.51
110-82-7	Cyclohexane	21.1		1.0	0.22
106-93-4	Ethylene Dibromide	20.1		1.0	0.18
541-73-1	1,3-Dichlorobenzene	22.9		1.0	0.37
106-46-7	1,4-Dichlorobenzene	23.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	23.9		1.0	0.36
75-71-8	Dichlorodifluoromethane	21.6		1.0	0.34
120-82-1	1,2,4-Trichlorobenzene	24.7		1.0	0.36
87-61-6	1,2,3-Trichlorobenzene	24.6		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1.0	0.46
74-97-5	Chlorobromomethane	20.6		1.0	0.28
98-82-8	Isopropylbenzene	23.4		1.0	0.29
79-20-9	Methyl acetate	42.7		5.0	4.3
108-87-2	Methylcyclohexane	20.2		1.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		72-145
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34598.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Jun-2022 05:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0146026-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:34:35 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: tupayachia Date: 02-Jun-2022 05:28:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.105	1.094	0.010	98	34032	NC	NC	
2 Chlorotrifluoroethene	116	1.121	1.099	0.022	60	35561	20.0	17.3	
4 Dichlorodifluoromethane	85	1.132	1.126	0.006	96	133839	20.0	21.6	
5 Chlorodifluoromethane	67	1.137	1.126	0.011	95	19033	20.0	21.5	a
6 Chloromethane	50	1.257	1.246	0.011	99	100616	20.0	20.3	M
7 Butadiene	54	1.306	1.295	0.011	93	75090	20.0	19.5	
8 Vinyl chloride	62	1.328	1.317	0.011	98	96276	20.0	21.3	
9 Bromomethane	94	1.525	1.508	0.017	98	82771	20.0	21.9	
10 Chloroethane	64	1.557	1.541	0.016	100	50609	20.0	22.3	
11 Dichlorofluoromethane	67	1.688	1.672	0.016	98	143915	20.0	22.4	
12 Trichlorofluoromethane	101	1.743	1.727	0.017	58	150508	20.0	22.6	
13 Pentane	72	1.737	1.732	0.005	95	22256	40.0	52.6	
15 Ethyl ether	59	1.874	1.857	0.017	96	44136	20.0	18.9	
14 Ethanol	46	1.928	1.863	0.065	64	14922	800.0	682.2	a
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.896	1.868	0.028	83	72833	20.0	21.4	
16 2-Methyl-1,3-butadiene	53	1.896	1.879	0.017	92	56279	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.939	1.912	0.027	91	107080	20.0	20.8	a
19 Acrolein	56	1.956	1.945	0.011	97	79401	300.0	384.5	
21 1,1-Dichloroethene	96	2.027	2.016	0.011	95	69931	20.0	20.5	
22 Acetone	43	2.065	2.048	0.017	68	95766	100.0	87.5	
20 112TCTFE	101	2.065	2.054	0.011	98	94588	20.0	22.7	
23 Iodomethane	142	2.130	2.119	0.011	98	158027	20.0	20.1	
24 Isopropyl alcohol	45	2.207	2.152	0.055	24	42912	200.0	188.4	a
25 Carbon disulfide	76	2.185	2.168	0.017	99	261297	20.0	20.7	
26 3-Chloro-1-propene	39	2.272	2.261	0.011	89	80757	20.0	18.4	
27 Methyl acetate	43	2.289	2.278	0.011	98	80207	40.0	42.7	
29 Acetonitrile	41	2.332	2.316	0.016	30	33970	200.0	178.9	a
28 Cyclopentene	67	2.338	2.327	0.011	94	161319	20.0	19.7	
31 Methylene Chloride	84	2.354	2.349	0.005	86	80868	20.0	19.3	
* 30 TBA-d9 (IS)	65	2.447	2.436	0.011	95	344244	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.501	2.490	0.011	91	126867	200.0	236.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.529	2.518	0.011	93	215985	200.0	189.9	
34 trans-1,2-Dichloroethene	96	2.561	2.550	0.011	93	79519	20.0	21.2	
33 Methyl tert-butyl ether	73	2.572	2.556	0.016	96	198737	20.0	19.4	
36 Hexane	43	2.780	2.769	0.011	91	47790	20.0	17.3	
38 1,1-Dichloroethane	63	2.878	2.872	0.006	99	119139	20.0	20.1	
39 Vinyl acetate	86	2.916	2.916	0.000	99	23286	40.0	48.1	
37 Isopropyl ether	45	2.949	2.938	0.011	82	190071	20.0	18.2	
40 2-Chloro-1,3-butadiene	88	2.960	2.943	0.017	83	67599	20.0	20.5	
41 Tert-butyl ethyl ether	87	3.243	3.238	0.005	90	91133	20.0	18.9	
* 42 2-Butanone-d5	46	3.325	3.314	0.011	94	204511	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.353	3.347	0.006	98	88923	20.0	20.7	
43 2,2-Dichloropropane	79	3.363	3.358	0.005	92	42808	20.0	20.4	
46 2-Butanone (MEK)	72	3.374	3.363	0.011	97	41724	100.0	125.2	a
48 Propionitrile	54	3.429	3.407	0.022	97	96847	200.0	224.0	a
45 Ethyl acetate	70	3.434	3.423	0.011	98	12942	40.0	50.6	
47 Methyl acrylate	55	3.456	3.451	0.005	99	60140	20.0	18.5	a
51 Methacrylonitrile	67	3.554	3.538	0.016	88	256535	200.0	202.4	
50 Chlorobromomethane	128	3.560	3.554	0.006	74	49589	20.0	20.6	
49 Tetrahydrofuran	72	3.625	3.614	0.011	48	17857	40.0	43.5	
52 Chloroform	83	3.636	3.631	0.005	99	141713	20.0	21.0	
$ 55 Dibromofluoromethane (Surr)	113	3.778	3.773	0.005	96	180232	50.0	51.8	
54 1,1,1-Trichloroethane	97	3.811	3.805	0.006	97	138555	20.0	21.3	
53 Cyclohexane	84	3.871	3.865	0.006	87	121310	20.0	21.1	
57 1,1-Dichloropropene	75	3.964	3.953	0.011	98	97026	20.0	21.1	
56 Carbon tetrachloride	117	3.975	3.964	0.011	98	120402	20.0	21.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.095	4.089	0.006	0	155969	50.0	49.2	
58 Isobutyl alcohol	74	4.155	4.149	0.006	48	29507	500.0	613.6	a
60 Benzene	78	4.160	4.155	0.005	94	284202	20.0	21.4	
64 1,2-Dichloroethane	62	4.166	4.160	0.006	98	90421	20.0	19.4	
59 Isooctane	57	4.253	4.247	0.006	94	230134	20.0	18.1	
62 Isopropyl acetate	61	4.258	4.258	0.000	72	22953	20.0	18.7	a
63 Tert-amyl methyl ether	73	4.291	4.280	0.011	97	224523	20.0	19.9	
* 66 Fluorobenzene	96	4.438	4.433	0.005	99	531525	50.0	50.0	
65 n-Heptane	43	4.455	4.438	0.017	79	85528	20.0	17.3	
68 n-Butanol	56	4.809	4.777	0.032	89	65066	500.0	695.1	a
69 Trichloroethene	95	4.826	4.820	0.006	95	79113	20.0	21.6	
70 Ethyl acrylate	55	4.957	4.946	0.011	98	59313	20.0	17.2	
71 Methylcyclohexane	83	5.039	5.033	0.006	93	140098	20.0	20.2	
72 1,2-Dichloropropane	63	5.066	5.049	0.017	88	66811	20.0	19.6	
* 73 1,4-Dioxane-d8	96	5.164	5.159	0.005	83	27461	1000.0	1000.0	
77 Dibromomethane	93	5.186	5.180	0.006	96	49756	20.0	21.1	
74 Methyl methacrylate	69	5.219	5.213	0.006	81	75201	40.0	37.4	
75 1,4-Dioxane	88	5.279	5.230	0.049	30	23009	400.0	564.4	a
76 n-Propyl acetate	43	5.306	5.300	0.006	98	67198	20.0	18.2	
78 Dichlorobromomethane	83	5.377	5.371	0.006	99	97517	20.0	20.0	
79 2-Nitropropane	41	5.650	5.644	0.006	98	25208	40.0	37.1	
67 2-Chloroethyl vinyl ether	63	5.759	5.753	0.006	89	6519	20.0	14.9	
80 Epichlorohydrin	57	5.813	5.802	0.011	99	120274	400.0	487.4	
81 cis-1,3-Dichloropropene	75	5.912	5.912	0.000	91	101125	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.146	6.141	0.005	95	306020	100.0	117.5	
$ 83 Toluene-d8 (Surr)	98	6.255	6.250	0.005	99	592955	50.0	51.6	
84 Toluene	91	6.337	6.332	0.005	93	305704	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.637	6.637	0.000	96	88673	20.0	20.0	
86 Ethyl methacrylate	69	6.817	6.817	0.000	86	77586	20.0	19.4	
87 1,1,2-Trichloroethane	83	6.872	6.866	0.006	95	50177	20.0	22.0	
88 Tetrachloroethene	166	7.063	7.057	0.006	98	86710	20.0	23.0	
89 1,3-Dichloropropane	76	7.096	7.090	0.006	91	88477	20.0	20.9	
90 2-Hexanone	43	7.265	7.265	0.000	94	176644	100.0	115.4	
92 Chlorodibromomethane	129	7.396	7.396	0.000	97	73718	20.0	19.8	
91 n-Butyl acetate	43	7.488	7.488	0.000	98	76837	20.0	18.3	
93 Ethylene Dibromide	107	7.532	7.527	0.005	100	62247	20.0	20.1	
* 94 Chlorobenzene-d5	117	8.231	8.225	0.006	84	398666	50.0	50.0	
95 Chlorobenzene	112	8.269	8.269	0.000	98	208274	20.0	22.5	
97 1,1,1,2-Tetrachloroethane	131	8.411	8.416	-0.005	95	97441	20.0	21.9	
96 Ethylbenzene	106	8.476	8.471	0.005	97	118219	20.0	22.2	
98 m-Xylene & p-Xylene	106	8.656	8.656	0.000	0	142615	20.0	21.1	
100 o-Xylene	106	9.169	9.169	0.000	94	157234	20.0	22.2	
101 Styrene	104	9.191	9.191	0.000	96	231441	20.0	21.7	
99 n-Butyl acrylate	73	9.213	9.213	0.000	97	52244	20.0	24.0	
103 Bromoform	173	9.371	9.371	0.000	96	50892	20.0	19.7	
102 Amyl acetate (mixed isomers)	43	9.502	9.502	0.000	92	100258	20.0	20.7	
104 Isopropylbenzene	105	9.622	9.622	0.000	95	432888	20.0	23.4	
$ 105 4-Bromofluorobenzene	174	9.764	9.764	0.000	97	196023	50.0	51.6	
106 Bromobenzene	156	9.900	9.895	0.005	90	105634	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	9.949	9.949	0.000	97	105522	20.0	22.3	
109 1,2,3-Trichloropropane	110	9.971	9.971	0.000	95	30329	20.0	22.6	
110 trans-1,4-Dichloro-2-butene	53	10.009	10.009	0.000	93	21379	20.0	20.6	
108 N-Propylbenzene	91	10.058	10.058	0.000	100	475347	20.0	21.9	
111 2-Chlorotoluene	91	10.118	10.118	0.000	97	287660	20.0	22.2	
112 4-Ethyltoluene	105	10.178	10.178	0.000	99	405497	20.0	21.9	
114 4-Chlorotoluene	91	10.228	10.228	0.000	97	303593	20.0	21.6	
113 1,3,5-Trimethylbenzene	105	10.249	10.249	0.000	93	373757	20.0	21.9	
115 Butyl Methacrylate	87	10.386	10.386	0.000	88	106987	20.0	22.0	
116 tert-Butylbenzene	119	10.549	10.549	0.000	95	292034	20.0	21.8	
117 1,2,4-Trimethylbenzene	105	10.593	10.593	0.000	97	386555	20.0	20.9	
118 sec-Butylbenzene	105	10.751	10.751	0.000	99	478051	20.0	22.0	
120 1,3-Dichlorobenzene	146	10.817	10.817	0.000	97	212178	20.0	22.9	
* 121 1,4-Dichlorobenzene-d4	152	10.882	10.877	0.005	95	252518	50.0	50.0	
119 4-Isopropyltoluene	119	10.888	10.888	0.000	98	433399	20.0	22.8	
122 1,4-Dichlorobenzene	146	10.899	10.899	0.000	96	216035	20.0	23.7	
123 1,2,3-Trimethylbenzene	105	10.959	10.959	0.000	98	420214	20.0	22.0	
124 Benzyl chloride	91	11.024	11.024	0.000	99	196790	20.0	22.6	
125 2,3-Dihydroindene	117	11.117	11.117	0.000	94	398965	20.0	22.7	
128 1,2-Dichlorobenzene	146	11.210	11.210	0.000	98	230831	20.0	23.9	
126 p-Diethylbenzene	119	11.215	11.215	0.000	96	230326	20.0	23.1	a
127 n-Butylbenzene	92	11.237	11.237	0.000	98	225046	20.0	23.2	
129 1,2,4,5-Tetramethylbenzene	119	11.832	11.832	0.000	97	442556	20.0	22.4	
130 1,2-Dibromo-3-Chloropropane	157	11.837	11.837	0.000	88	31757	20.0	23.0	
131 1,3,5-Trichlorobenzene	180	12.006	12.006	0.000	98	197500	20.0	23.7	
132 1,2,4-Trichlorobenzene	180	12.459	12.459	0.000	94	195984	20.0	24.7	
133 Hexachlorobutadiene	225	12.596	12.596	0.000	94	81950	20.0	24.0	
134 Naphthalene	128	12.628	12.628	0.000	99	461815	20.0	23.3	
135 1,2,3-Trichlorobenzene	180	12.803	12.803	0.000	96	194510	20.0	24.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.9	

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	43.4	
S 139 Total BTEX	1				0		100.0	108.5	

QC Flag Legend

Processing Flags
- NC - Not Calibrated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GASES Li_00478	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00154	Amount Added:	2.00	Units: uL	
ACROLEIN W_00140	Amount Added:	3.00	Units: uL	
524freon_00052	Amount Added:	2.00	Units: uL	
8260ISNEW_00123	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jun-2022 10:34:36 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34598.D

Injection Date: 02-Jun-2022 05:01:30 Instrument ID: CVOAMS9 Operator ID:

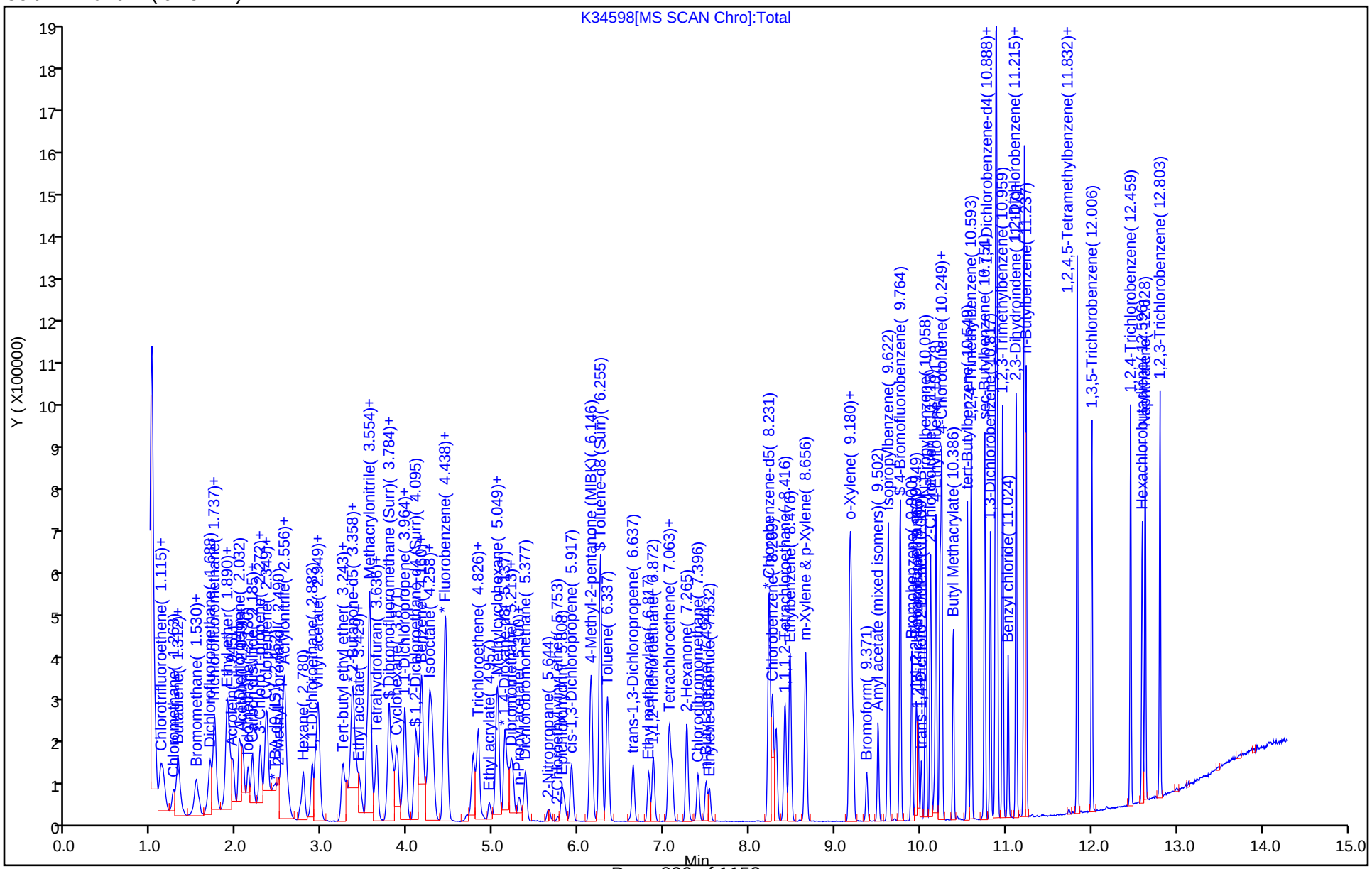
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34598.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Jun-2022 05:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0146026-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jun-2022 10:34:35 Calib Date: 25-May-2022 13:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20220525-145738.b\K34455.D

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

First Level Reviewer: tupayachia Date: 02-Jun-2022 05:28:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.8	103.61
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.2	98.43
$ 83 Toluene-d8 (Surr)	50.0	51.6	103.29
$ 105 4-Bromofluorobenzene	50.0	51.6	103.10

Manual Integration/User Assign Peak Report

Eurofins Edison

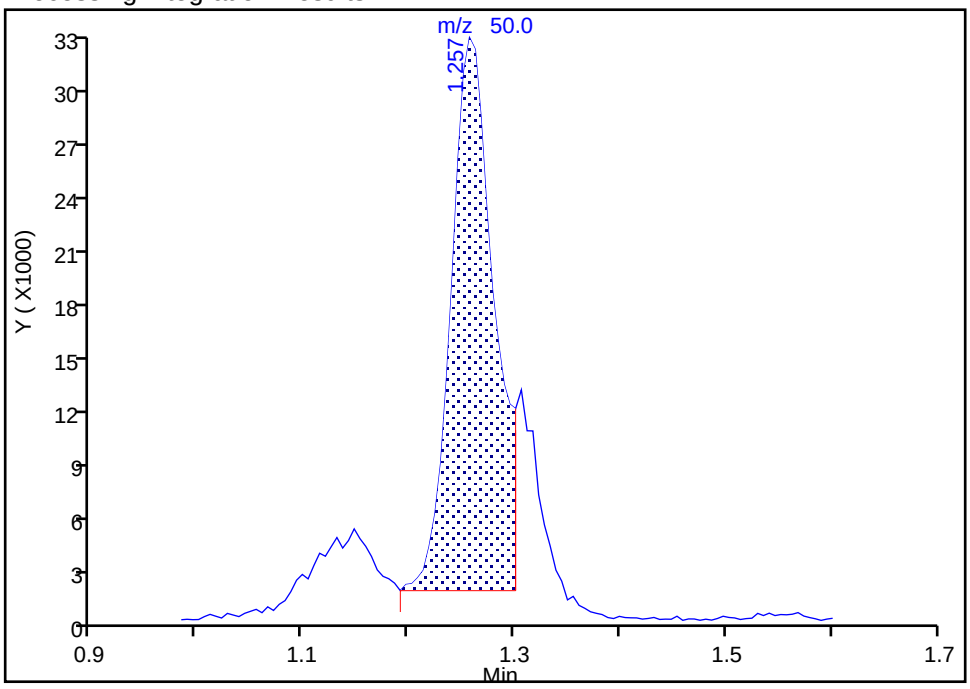
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34598.D
Injection Date: 02-Jun-2022 05:01:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

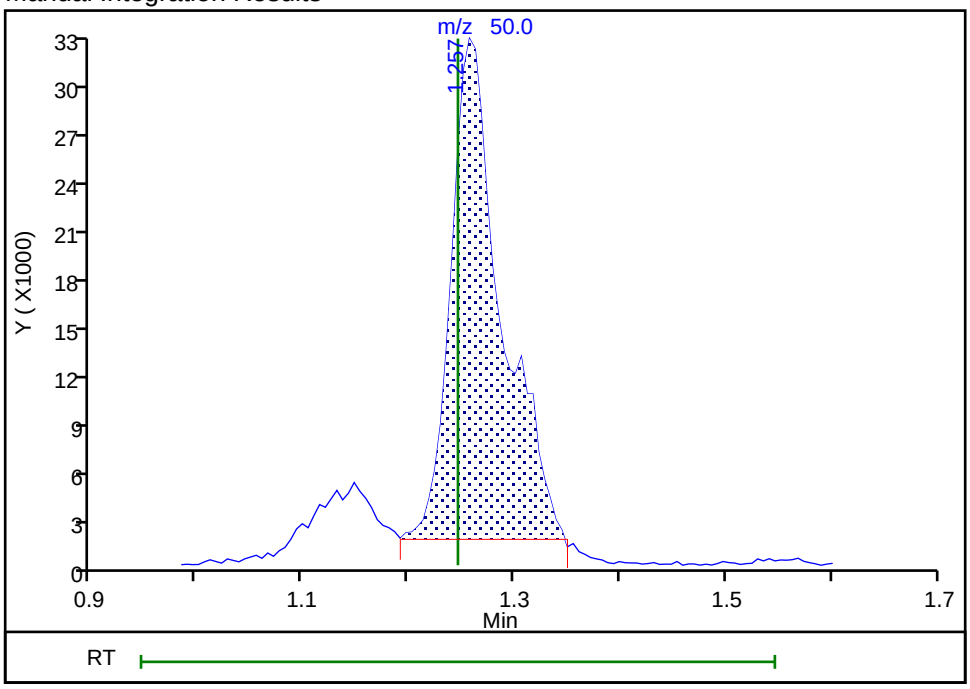
Processing Integration Results

RT: 1.26
Area: 86675
Amount: 17.446087
Amount Units: ug/l



Manual Integration Results

RT: 1.26
Area: 100616
Amount: 20.252155
Amount Units: ug/l



Reviewer: delpolitov, 02-Jun-2022 10:34:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

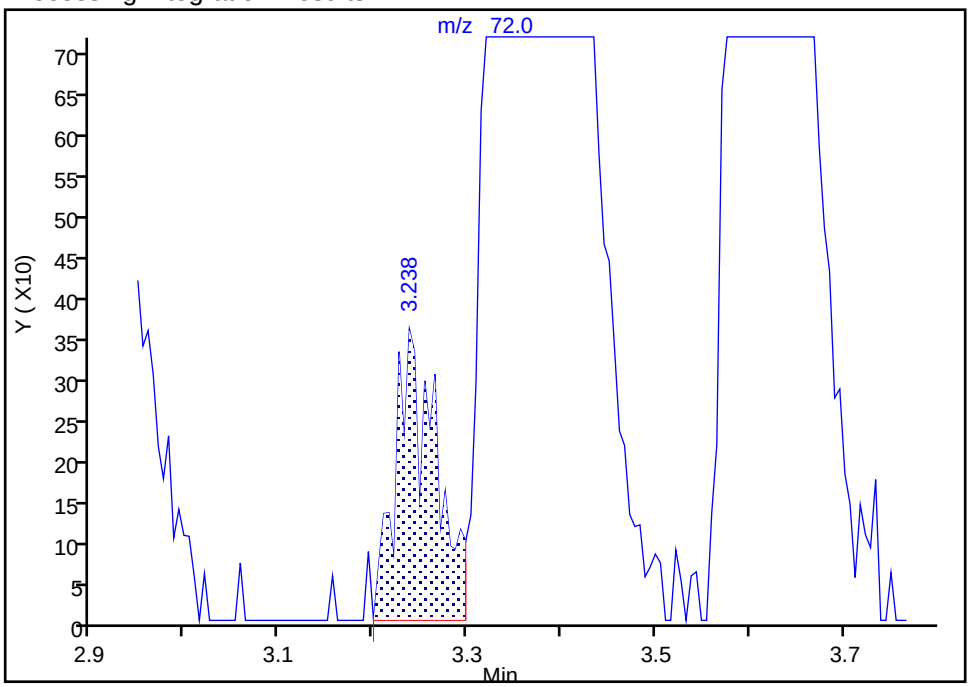
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20220602-146026.b\K34598.D
Injection Date: 02-Jun-2022 05:01:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

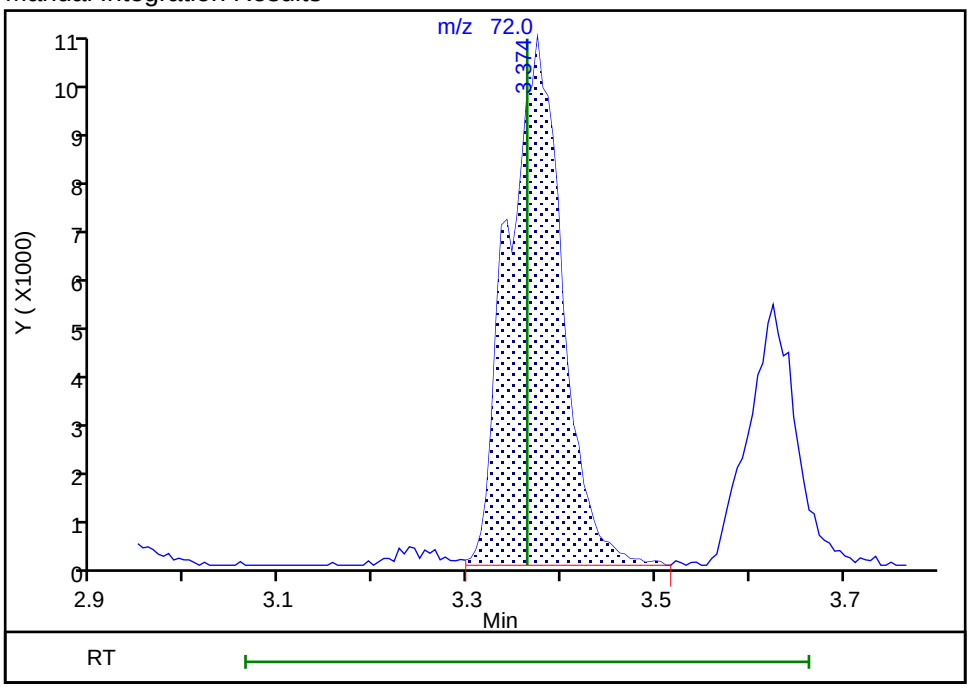
Processing Integration Results

RT: 3.24
Area: 1072
Amount: -1.190434
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 41724
Amount: 125.2234
Amount Units: ug/l



Reviewer: tupayachia, 02-Jun-2022 05:20:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/18/2022 11:35

Analysis Batch Number: 845196 End Date: 05/18/2022 17:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-845196/1		05/18/2022 11:35	1	B87418.D	DB-624 0.18(mm)
STD1 460-845196/4 IC		05/18/2022 12:48	1	B87421.D	DB-624 0.18(mm)
STD5 460-845196/5 IC		05/18/2022 13:10	1	B87422.D	DB-624 0.18(mm)
STD20 460-845196/6 ICIS		05/18/2022 13:32	1	B87423.D	DB-624 0.18(mm)
STD50 460-845196/7 IC		05/18/2022 13:54	1	B87424.D	DB-624 0.18(mm)
STD200 460-845196/8 IC		05/18/2022 14:16	1	B87425.D	DB-624 0.18(mm)
STD500 460-845196/9 IC		05/18/2022 14:38	1	B87426.D	DB-624 0.18(mm)
ICV 460-845196/16		05/18/2022 17:13	1	B87433.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/31/2022 04:49

Analysis Batch Number: 847356 End Date: 05/31/2022 15:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/31/2022 04:49	1		DB-624 0.18(mm)
CCVIS 460-847356/3		05/31/2022 05:57	1	B88096.D	DB-624 0.18(mm)
LCS 460-847356/4		05/31/2022 06:20	1	B88097.D	DB-624 0.18(mm)
LCSD 460-847356/5		05/31/2022 07:08	1	B88098.D	DB-624 0.18(mm)
MB 460-847356/8		05/31/2022 08:31	1	B88101.D	DB-624 0.18(mm)
ZZZZZ		05/31/2022 09:35	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 09:58	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 11:26	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 11:49	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 12:12	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 12:34	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 12:57	1		DB-624 0.18(mm)
460-258917-2	UST-1-B	05/31/2022 13:19	1	B88112.D	DB-624 0.18(mm)
460-258917-1	UST-1-A	05/31/2022 13:42	1	B88113.D	DB-624 0.18(mm)
ZZZZZ		05/31/2022 14:26	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 14:49	1		DB-624 0.18(mm)
ZZZZZ		05/31/2022 15:34	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 05/25/2022 10:41

Analysis Batch Number: 846571 End Date: 05/25/2022 16:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-846571/1		05/25/2022 10:41	1	K34448.D	Rtx-624 0.25(mm)
STD1 460-846571/3 IC		05/25/2022 11:48	1	K34450.D	Rtx-624 0.25(mm)
STD5 460-846571/4 IC		05/25/2022 12:10	1	K34451.D	Rtx-624 0.25(mm)
STD20 460-846571/5 ICIS		05/25/2022 12:31	1	K34452.D	Rtx-624 0.25(mm)
STD50 460-846571/6 IC		05/25/2022 12:53	1	K34453.D	Rtx-624 0.25(mm)
STD200 460-846571/7 IC		05/25/2022 13:15	1	K34454.D	Rtx-624 0.25(mm)
STD500 460-846571/8 IC		05/25/2022 13:37	1	K34455.D	Rtx-624 0.25(mm)
ICV 460-846571/17		05/25/2022 16:55	1	K34464.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 06/02/2022 04:16

Analysis Batch Number: 847741 End Date: 06/02/2022 14:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-847741/2		06/02/2022 04:16	1	K34596.D	Rtx-624 0.25(mm)
LCS 460-847741/3		06/02/2022 04:38	1	K34597.D	Rtx-624 0.25(mm)
LCSD 460-847741/4		06/02/2022 05:01	1	K34598.D	Rtx-624 0.25(mm)
MB 460-847741/7		06/02/2022 06:26	1	K34601.D	Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 07:10	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 07:32	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 07:53	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 08:38	1		Rtx-624 0.25(mm)
LB3 460-846946/1-A		06/02/2022 09:44	1	K34610.D	Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 11:32	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 11:54	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 12:16	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 12:38	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 14:28	1		Rtx-624 0.25(mm)
ZZZZZ		06/02/2022 14:50	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 845196 Batch Start Date: 05/18/22 11:35 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00052	8260 SP 00154	8260ISNEW 00119	8260MIX1COMB 00154
BFB 460-845196/1		8260D		5 mL	5 mL				
STD1 460-845196/4 IC		8260D		5 mL	5 mL	1 uL		1 uL	1 uL
STD5 460-845196/5 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD20 460-845196/6 ICIS		8260D		5 mL	5 mL	2 uL		1 uL	2 uL
STD50 460-845196/7 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD200 460-845196/8 IC		8260D		5 mL	5 mL			1 uL	
STD500 460-845196/9 IC		8260D		5 mL	5 mL			1 uL	
ICV 460-845196/16		8260D		5 mL	5 mL		2 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00227	8FreonHi 00044	8FreonsSS 00045	ACROLEIN SP 00137	ACROLEIN W 00140	BFB 00031
BFB 460-845196/1		8260D							1 uL
STD1 460-845196/4 IC		8260D		1 uL				10 uL	
STD5 460-845196/5 IC		8260D		1 uL				20 uL	
STD20 460-845196/6 ICIS		8260D		1 uL				3 uL	
STD50 460-845196/7 IC		8260D		1 uL				4 uL	
STD200 460-845196/8 IC		8260D		1 uL	2 uL			5 uL	
STD500 460-845196/9 IC		8260D		1 uL	5 uL			6 uL	
ICV 460-845196/16		8260D		1 uL		2 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00064	GAS C SP 00462	GAS Hi 00414	GASES Li 00476	MIX 2 Hi 00123	MIX I Hi 00150

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.: 460-258917-1

SDG No.:

Batch Number: 845196 Batch Start Date: 05/18/22 11:35 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00064	GAS C SP 00462	GAS Hi 00414	GASES Li 00476	MIX 2 Hi 00123	MIX I Hi 00150
BFB 460-845196/1		8260D							
STD1 460-845196/4 IC		8260D					1 uL		
STD5 460-845196/5 IC		8260D					5 uL		
STD20 460-845196/6 ICIS		8260D					2 uL		
STD50 460-845196/7 IC		8260D					5 uL		
STD200 460-845196/8 IC		8260D		2 uL		2 uL		2 uL	2 uL
STD500 460-845196/9 IC		8260D		5 uL		5 uL		5 uL	5 uL
ICV 460-845196/16		8260D			2 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 846571 Batch Start Date: 05/25/22 10:41 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00052	8260 SP 00154	8260ISNEW 00120	8260MIX1COMB 00154
BFB 460-846571/1		8260D		5 mL	5 mL				
STD1 460-846571/3 IC		8260D		5 mL	5 mL	1 uL		1 uL	1 uL
STD5 460-846571/4 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD20 460-846571/5 ICIS		8260D		5 mL	5 mL	2 uL		1 uL	2 uL
STD50 460-846571/6 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD200 460-846571/7 IC		8260D		5 mL	5 mL			1 uL	
STD500 460-846571/8 IC		8260D		5 mL	5 mL			1 uL	
ICV 460-846571/17		8260D		5 mL	5 mL		2 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00228	8FreonHi 00045	8FreonsSS 00045	ACROLEIN SP 00137	ACROLEIN W 00140	BFB 00031
BFB 460-846571/1		8260D							1 uL
STD1 460-846571/3 IC		8260D		1 uL				10 uL	
STD5 460-846571/4 IC		8260D		1 uL				20 uL	
STD20 460-846571/5 ICIS		8260D		1 uL				3 uL	
STD50 460-846571/6 IC		8260D		1 uL				4 uL	
STD200 460-846571/7 IC		8260D		1 uL	2 uL			5 uL	
STD500 460-846571/8 IC		8260D		1 uL	5 uL			6 uL	
ICV 460-846571/17		8260D		1 uL		2 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00064	GAS C SP 00463	GAS Hi 00415	GASES Li 00477	MIX 2 Hi 00123	MIX I Hi 00150

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.: 460-258917-1

SDG No.:

Batch Number: 846571 Batch Start Date: 05/25/22 10:41 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00064	GAS C SP 00463	GAS Hi 00415	GASES Li 00477	MIX 2 Hi 00123	MIX I Hi 00150
BFB 460-846571/1		8260D							
STD1 460-846571/3 IC		8260D					1 uL		
STD5 460-846571/4 IC		8260D					5 uL		
STD20 460-846571/5 ICIS		8260D					2 uL		
STD50 460-846571/6 IC		8260D					5 uL		
STD200 460-846571/7 IC		8260D		2 uL		2 uL		2 uL	2 uL
STD500 460-846571/8 IC		8260D		5 uL		5 uL		5 uL	5 uL
ICV 460-846571/17		8260D			2 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 846946 Batch Start Date: 05/26/22 23:51 Batch Analyst: Cho, Jordan J

Batch Method: 5035 Batch End Date: 05/26/22 23:58

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-846946/1		5035, 8260D		5 g	5 mL				
460-258917-D-1	UST-1-A	5035, 8260D	T	4.74 g	5 mL				
460-258917-E-2	UST-1-B	5035, 8260D	T	4.60 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0128701G

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 847356 Batch Start Date: 05/31/22 04:49 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00052	8260ISNEW 00119	8260MIX1COMB 00154	8260SURR250 00226
CCVIS 460-847356/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-847356/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-847356/5		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-847356/8		8260D		5 mL	5 mL		1 uL		1 uL
460-258917-E-2-A	UST-1-B	8260D	T	5 mL	5 mL		1 uL		1 uL
460-258917-D-1-A	UST-1-A	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00140	GASES Li 00477				
CCVIS 460-847356/3		8260D		3 uL	2 uL				
LCS 460-847356/4		8260D		3 uL	2 uL				
LCSD 460-847356/5		8260D		3 uL	2 uL				
MB 460-847356/8		8260D							
460-258917-E-2-A	UST-1-B	8260D	T						
460-258917-D-1-A	UST-1-A	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 847741 Batch Start Date: 06/02/22 04:16 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00052	8260ISNEW 00123	8260MIX1COMB 00154	8260SURR250 00228
CCVIS 460-847741/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-847741/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-847741/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-847741/7		8260D		5 mL	5 mL		1 uL		1 uL
LB3 460-846946/1-A		8260D		5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00140	GASES Li 00478				
CCVIS 460-847741/2		8260D		3 uL	2 uL				
LCS 460-847741/3		8260D		3 uL	2 uL				
LCSD 460-847741/4		8260D		3 uL	2 uL				
MB 460-847741/7		8260D							
LB3 460-846946/1-A		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHL #
UST-1-A	460-258917-1	68	70	65	82	96	99
UST-1-B	460-258917-2	67	71	70	89	98	99
	MB 460-847011/1-A	73	78	75	92	105	95
	LCS 460-847011/2-A	68	69	68	81	100	83
	LCSD 460-847011/3-A	67	67	67	80	103	84
	180-138294-B-45-A MS	64	64	64	76	94	93
	180-138294-B-45-B MSD	64	64	63	80	96	95

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	18-123
PHL = Phenol-d5 (Surr)	23-120
NBZ = Nitrobenzene-d5 (Surr)	16-125
FBP = 2-Fluorobiphenyl	22-122
TBP = 2,4,6-Tribromophenol (Surr)	10-123
TPHL = Terphenyl-d14 (Surr)	25-126

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41847.d

Lab ID: LCS 460-847011/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	3.33	2.99	90	59-120	
1,2,4,5-Tetrachlorobenzene	3.33	3.19	96	60-120	
1,4-Dioxane	3.33	2.02	61	21-120	
2,2'-oxybis[1-chloropropane]	3.33	1.67	50	49-126	
2,3,4,6-Tetrachlorophenol	3.33	2.72	81	54-120	
2,4,5-Trichlorophenol	3.33	3.02	91	59-120	
2,4,6-Trichlorophenol	3.33	2.85	86	58-120	
2,4-Dichlorophenol	3.33	3.17	95	66-120	
2,4-Dimethylphenol	3.33	2.73	82	67-120	
2,4-Dinitrophenol	6.67	5.61	84	36-129	
2,4-Dinitrotoluene	3.33	3.13	94	65-124	
2,6-Dinitrotoluene	3.33	3.16	95	67-121	
2-Chloronaphthalene	3.33	2.92	88	60-120	
2-Chlorophenol	3.33	2.70	81	63-120	
2-Methylnaphthalene	3.33	2.81	84	64-120	
2-Methylphenol	3.33	2.59	78	63-120	
2-Nitroaniline	3.33	1.95	58	48-120	
2-Nitrophenol	3.33	2.90	87	64-120	
3,3'-Dichlorobenzidine	3.33	2.97	89	13-136	
3-Nitroaniline	3.33	2.81	84	39-122	
4,6-Dinitro-2-methylphenol	6.67	5.73	86	50-136	
4-Bromophenyl phenyl ether	3.33	3.12	94	67-120	
4-Chloro-3-methylphenol	3.33	2.86	86	66-120	
4-Chloroaniline	3.33	2.68	80	15-128	
4-Chlorophenyl phenyl ether	3.33	3.07	92	62-120	
4-Methylphenol	3.33	2.50	75	61-120	
4-Nitroaniline	3.33	2.78	84	55-120	
4-Nitrophenol	6.67	3.67	55	52-123	
Acenaphthene	3.33	2.55	76	49-120	
Acenaphthylene	3.33	2.77	83	64-120	
Acetophenone	3.33	2.57	77	61-120	
Anthracene	3.33	2.93	88	67-120	
Atrazine	1.33	1.28	96	29-150	
Benzaldehyde	1.33	0.950	71	34-150	
Benzo[a]anthracene	3.33	2.81	84	62-120	
Benzo[a]pyrene	3.33	2.68	80	73-123	
Benzo[b]fluoranthene	3.33	2.96	89	70-125	
Benzo[g,h,i]perylene	3.33	2.98	89	66-120	
Benzo[k]fluoranthene	3.33	2.77	83	67-122	
Bis(2-chloroethoxy)methane	3.33	2.49	75	62-120	
Bis(2-chloroethyl)ether	3.33	2.60	78	60-120	
Bis(2-ethylhexyl) phthalate	3.33	2.76	83	59-125	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41847.d

Lab ID: LCS 460-847011/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Butyl benzyl phthalate	3.33	2.86	86	62-127	
Caprolactam	1.33	1.31	98	36-150	
Carbazole	3.33	2.87	86	64-120	
Chrysene	3.33	2.76	83	63-120	
Dibenz(a,h)anthracene	3.33	3.16	95	66-128	
Dibenzofuran	3.33	3.06	92	61-120	
Diethyl phthalate	3.33	2.95	88	63-120	
Dimethyl phthalate	3.33	3.09	93	65-120	
Di-n-butyl phthalate	3.33	2.82	84	66-120	
Di-n-octyl phthalate	3.33	2.60	78	65-133	
Fluoranthene	3.33	2.95	88	61-120	
Fluorene	3.33	3.03	91	60-120	
Hexachlorobenzene	3.33	3.21	96	66-120	
Hexachlorobutadiene	3.33	3.17	95	62-120	
Hexachlorocyclopentadiene	3.33	2.09	63	38-120	
Hexachloroethane	3.33	2.62	78	61-120	
Indeno[1,2,3-cd]pyrene	3.33	3.87	116	62-130	
Isophorone	3.33	2.49	75	67-120	
Naphthalene	3.33	2.89	87	63-120	
Nitrobenzene	3.33	2.76	83	63-120	
N-Nitrosodi-n-propylamine	3.33	2.38	71	61-120	
N-Nitrosodiphenylamine	3.33	2.81	84	63-120	
Pentachlorophenol	6.67	3.80	57	37-126	
Phenanthrene	3.33	2.84	85	66-120	
Phenol	3.33	2.66	80	63-120	
Pyrene	3.33	2.87	86	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41848.d

Lab ID: LCSD 460-847011/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	3.33	2.93	88	2	30	59-120	
1,2,4,5-Tetrachlorobenzene	3.33	3.09	93	3	30	60-120	
1,4-Dioxane	3.33	2.00	60	1	30	21-120	
2,2'-oxybis[1-chloropropane]	3.33	1.70	51	2	30	49-126	
2,3,4,6-Tetrachlorophenol	3.33	2.69	81	1	30	54-120	
2,4,5-Trichlorophenol	3.33	2.87	86	5	30	59-120	
2,4,6-Trichlorophenol	3.33	2.72	82	5	30	58-120	
2,4-Dichlorophenol	3.33	3.12	94	2	30	66-120	
2,4-Dimethylphenol	3.33	2.72	82	1	30	67-120	
2,4-Dinitrophenol	6.67	5.41	81	4	30	36-129	
2,4-Dinitrotoluene	3.33	3.11	93	0	30	65-124	
2,6-Dinitrotoluene	3.33	3.10	93	2	30	67-121	
2-Chloronaphthalene	3.33	2.94	88	1	30	60-120	
2-Chlorophenol	3.33	2.68	80	1	30	63-120	
2-Methylnaphthalene	3.33	2.80	84	0	30	64-120	
2-Methylphenol	3.33	2.61	78	1	30	63-120	
2-Nitroaniline	3.33	1.93	58	1	30	48-120	
2-Nitrophenol	3.33	2.98	90	3	30	64-120	
3,3'-Dichlorobenzidine	3.33	2.89	87	3	30	13-136	
3-Nitroaniline	3.33	2.79	84	1	30	39-122	
4,6-Dinitro-2-methylphenol	6.67	5.74	86	0	30	50-136	
4-Bromophenyl phenyl ether	3.33	3.07	92	2	30	67-120	
4-Chloro-3-methylphenol	3.33	2.75	83	4	30	66-120	
4-Chloroaniline	3.33	2.69	81	1	30	15-128	
4-Chlorophenyl phenyl ether	3.33	3.04	91	1	30	62-120	
4-Methylphenol	3.33	2.46	74	2	30	61-120	
4-Nitroaniline	3.33	2.77	83	0	30	55-120	
4-Nitrophenol	6.67	3.79	57	3	30	52-123	
Acenaphthene	3.33	2.47	74	3	30	49-120	
Acenaphthylene	3.33	2.72	81	2	30	64-120	
Acetophenone	3.33	2.54	76	1	30	61-120	
Anthracene	3.33	2.89	87	1	30	67-120	
Atrazine	1.33	1.38	103	8	30	29-150	
Benzaldehyde	1.33	0.963	72	1	30	34-150	
Benzo[a]anthracene	3.33	2.86	86	2	30	62-120	
Benzo[a]pyrene	3.33	2.66	80	1	30	73-123	
Benzo[b]fluoranthene	3.33	3.05	92	3	30	70-125	
Benzo[g,h,i]perylene	3.33	2.93	88	2	30	66-120	
Benzo[k]fluoranthene	3.33	2.78	83	0	30	67-122	
Bis(2-chloroethoxy)methane	3.33	2.47	74	1	30	62-120	
Bis(2-chloroethyl)ether	3.33	2.51	75	3	30	60-120	
Bis(2-ethylhexyl) phthalate	3.33	2.79	84	1	30	59-125	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41848.d

Lab ID: LCSD 460-847011/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Butyl benzyl phthalate	3.33	2.90	87	2	30	62-127	
Caprolactam	1.33	1.39	104	6	30	36-150	
Carbazole	3.33	2.93	88	2	30	64-120	
Chrysene	3.33	2.75	82	0	30	63-120	
Dibenz(a,h)anthracene	3.33	3.05	91	4	30	66-128	
Dibenzofuran	3.33	2.96	89	3	30	61-120	
Diethyl phthalate	3.33	2.92	88	1	30	63-120	
Dimethyl phthalate	3.33	3.09	93	0	30	65-120	
Di-n-butyl phthalate	3.33	2.84	85	1	30	66-120	
Di-n-octyl phthalate	3.33	2.69	81	3	30	65-133	
Fluoranthene	3.33	3.02	91	2	30	61-120	
Fluorene	3.33	2.92	88	4	30	60-120	
Hexachlorobenzene	3.33	3.24	97	1	30	66-120	
Hexachlorobutadiene	3.33	3.20	96	1	30	62-120	
Hexachlorocyclopentadiene	3.33	2.11	63	1	30	38-120	
Hexachloroethane	3.33	2.64	79	1	30	61-120	
Indeno[1,2,3-cd]pyrene	3.33	3.77	113	3	30	62-130	
Isophorone	3.33	2.45	73	2	30	67-120	
Naphthalene	3.33	2.84	85	2	30	63-120	
Nitrobenzene	3.33	2.68	80	3	30	63-120	
N-Nitrosodi-n-propylamine	3.33	2.37	71	0	30	61-120	
N-Nitrosodiphenylamine	3.33	2.86	86	2	30	63-120	
Pentachlorophenol	6.67	3.98	60	5	30	37-126	
Phenanthrene	3.33	2.83	85	0	30	66-120	
Phenol	3.33	2.57	77	3	30	63-120	
Pyrene	3.33	2.89	87	1	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41867.d

Lab ID: 180-138294-B-45-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	3.65	0.045 J	3.31	90	59-120	
1,2,4,5-Tetrachlorobenzene	3.65	0.011 U	3.36	92	60-120	
1,4-Dioxane	3.65	32 U	1.41	39	21-120	
2,2'-oxybis[1-chloropropane]	3.65	0.0065 U	1.83	50	49-126	
2,3,4,6-Tetrachlorophenol	3.65	0.025 U	3.15	86	54-120	
2,4,5-Trichlorophenol	3.65	0.037 U	3.21	88	59-120	
2,4,6-Trichlorophenol	3.65	0.046 U	3.08	84	58-120	
2,4-Dichlorophenol	3.65	0.023 U	3.28	90	66-120	
2,4-Dimethylphenol	3.65	0.043 U	2.82	77	67-120	
2,4-Dinitrophenol	7.30	0.18 U	2.92	40	36-129	
2,4-Dinitrotoluene	3.65	0.039 U	3.29	90	65-124	
2,6-Dinitrotoluene	3.65	0.026 U	3.22	88	67-121	
2-Chloronaphthalene	3.65	0.017 U	3.13	86	60-120	
2-Chlorophenol	3.65	0.013 U	2.83	78	63-120	
2-Methylnaphthalene	3.65	0.21 J	3.46	89	64-120	
2-Methylphenol	3.65	0.014 U	2.64	72	63-120	
2-Nitroaniline	3.65	0.028 U	2.18	60	48-120	
2-Nitrophenol	3.65	0.036 U	3.05	84	64-120	
3,3'-Dichlorobenzidine	3.65	0.055 U	2.70	74	13-136	
3-Nitroaniline	3.65	0.086 U	2.92	80	39-122	
4,6-Dinitro-2-methylphenol	7.30	0.15 U	4.84	66	50-136	
4-Bromophenyl phenyl ether	3.65	0.014 U	3.48	95	67-120	
4-Chloro-3-methylphenol	3.65	0.020 U	3.03	83	66-120	
4-Chloroaniline	3.65	0.064 U	2.51	69	15-128	
4-Chlorophenyl phenyl ether	3.65	0.013 U	3.25	89	62-120	
4-Methylphenol	3.65	0.023 U	2.55	70	61-120	
4-Nitroaniline	3.65	0.042 U	2.78	76	55-120	
4-Nitrophenol	7.30	0.059 U	4.45	61	52-123	
Acenaphthene	3.65	0.010 U	2.75	75	49-120	
Acenaphthylene	3.65	0.010 U	2.94	81	64-120	
Acetophenone	3.65	0.018 U	2.59	71	61-120	
Anthracene	3.65	0.014 J	3.17	87	67-120	
Atrazine	1.46	0.021 U	1.88	129	29-150	
Benzaldehyde	1.46	0.060 U	1.30	89	34-150	E
Benzo[a]anthracene	3.65	0.040	3.07	83	62-120	
Benzo[a]pyrene	3.65	0.029 J	2.83	77	73-123	
Benzo[b]fluoranthene	3.65	0.051	3.20	86	70-125	
Benzo[g,h,i]perylene	3.65	0.028 J	3.34	91	66-120	
Benzo[k]fluoranthene	3.65	0.017 J	3.11	85	67-122	
Bis(2-chloroethoxy)methane	3.65	0.028 U	2.62	72	62-120	
Bis(2-chloroethyl)ether	3.65	0.013 U	2.61	72	60-120	
Bis(2-ethylhexyl) phthalate	3.65	0.019 U	3.41	94	59-125	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41867.d

Lab ID: 180-138294-B-45-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Butyl benzyl phthalate	3.65	0.017 U	3.51	96	62-127	
Caprolactam	1.46	0.056 U	1.87	128	36-150	
Carbazole	3.65	0.014 U	3.00	82	64-120	
Chrysene	3.65	0.050 J	3.10	84	63-120	
Dibenz(a,h)anthracene	3.65	0.016 U	3.36	92	66-128	
Dibenzofuran	3.65	0.047 J	3.31	89	61-120	
Diethyl phthalate	3.65	0.012 U	3.15	86	63-120	
Dimethyl phthalate	3.65	0.082 U	3.30	91	65-120	
Di-n-butyl phthalate	3.65	0.014 U	3.07	84	66-120	
Di-n-octyl phthalate	3.65	0.019 U	3.30	90	65-133	
Fluoranthene	3.65	0.064 J	3.20	86	61-120	
Fluorene	3.65	0.011 U	3.26	89	60-120	
Hexachlorobenzene	3.65	0.017 U	3.49	96	66-120	
Hexachlorobutadiene	3.65	0.0077 U	3.22	88	62-120	
Hexachlorocyclopentadiene	3.65	0.032 U	2.14	59	38-120	
Hexachloroethane	3.65	0.012 U	2.62	72	61-120	
Indeno[1,2,3-cd]pyrene	3.65	0.032 J	4.21	115	62-130	
Isophorone	3.65	0.10 U	2.59	71	67-120	
Naphthalene	3.65	0.71	4.40	101	63-120	
Nitrobenzene	3.65	0.020 U	2.73	75	63-120	
N-Nitrosodi-n-propylamine	3.65	0.026 U	2.38	65	61-120	
N-Nitrosodiphenylamine	3.65	0.030 U	3.16	87	63-120	
Pentachlorophenol	7.30	0.074 U	3.83	52	37-126	
Phenanthrene	3.65	0.12 J	3.34	88	66-120	
Phenol	3.65	0.013 U	2.74	75	63-120	
Pyrene	3.65	0.069 J	3.70	99	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41868.d

Lab ID: 180-138294-B-45-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	3.65	3.30	89	0	30	59-120	
1,2,4,5-Tetrachlorobenzene	3.65	3.36	92	0	30	60-120	
1,4-Dioxane	3.65	1.42	39	0	30	21-120	
2,2'-oxybis[1-chloropropane]	3.65	1.81	50	1	30	49-126	
2,3,4,6-Tetrachlorophenol	3.65	3.15	86	0	30	54-120	
2,4,5-Trichlorophenol	3.65	3.35	92	4	30	59-120	
2,4,6-Trichlorophenol	3.65	3.16	86	2	30	58-120	
2,4-Dichlorophenol	3.65	3.31	91	1	30	66-120	
2,4-Dimethylphenol	3.65	2.81	77	0	30	67-120	
2,4-Dinitrophenol	7.30	2.70	37	8	30	36-129	
2,4-Dinitrotoluene	3.65	3.44	94	4	30	65-124	
2,6-Dinitrotoluene	3.65	3.45	94	7	30	67-121	
2-Chloronaphthalene	3.65	3.28	90	5	30	60-120	
2-Chlorophenol	3.65	2.77	76	2	30	63-120	
2-Methylnaphthalene	3.65	3.09	79	11	30	64-120	
2-Methylphenol	3.65	2.71	74	3	30	63-120	
2-Nitroaniline	3.65	2.19	60	0	30	48-120	
2-Nitrophenol	3.65	3.03	83	1	30	64-120	
3,3'-Dichlorobenzidine	3.65	2.99	82	10	30	13-136	
3-Nitroaniline	3.65	3.03	83	4	30	39-122	
4,6-Dinitro-2-methylphenol	7.30	4.60	63	5	30	50-136	
4-Bromophenyl phenyl ether	3.65	3.67	101	6	30	67-120	
4-Chloro-3-methylphenol	3.65	3.11	85	3	30	66-120	
4-Chloroaniline	3.65	2.67	73	6	30	15-128	
4-Chlorophenyl phenyl ether	3.65	3.39	93	4	30	62-120	
4-Methylphenol	3.65	2.51	69	1	30	61-120	
4-Nitroaniline	3.65	2.84	78	2	30	55-120	
4-Nitrophenol	7.30	4.51	62	1	30	52-123	
Acenaphthene	3.65	2.85	78	4	30	49-120	
Acenaphthylene	3.65	3.04	83	3	30	64-120	
Acetophenone	3.65	2.49	68	4	30	61-120	
Anthracene	3.65	3.30	90	4	30	67-120	
Atrazine	1.46	2.02	138	8	30	29-150	
Benzaldehyde	1.46	1.31	90	1	30	34-150	E
Benzo[a]anthracene	3.65	3.11	84	1	30	62-120	
Benzo[a]pyrene	3.65	3.00	81	6	30	73-123	
Benzo[b]fluoranthene	3.65	3.38	91	5	30	70-125	
Benzo[g,h,i]perylene	3.65	3.48	95	4	30	66-120	
Benzo[k]fluoranthene	3.65	3.21	88	3	30	67-122	
Bis(2-chloroethoxy)methane	3.65	2.67	73	2	30	62-120	
Bis(2-chloroethyl)ether	3.65	2.59	71	1	30	60-120	
Bis(2-ethylhexyl) phthalate	3.65	3.39	93	0	30	59-125	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X41868.d

Lab ID: 180-138294-B-45-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Butyl benzyl phthalate	3.65	3.47	95	1	30	62-127	
Caprolactam	1.46	1.87	128	0	30	36-150	
Carbazole	3.65	3.16	86	5	30	64-120	
Chrysene	3.65	3.23	87	4	30	63-120	
Dibenz(a,h)anthracene	3.65	3.46	95	3	30	66-128	
Dibenzofuran	3.65	3.41	92	3	30	61-120	
Diethyl phthalate	3.65	3.33	91	6	30	63-120	
Dimethyl phthalate	3.65	3.49	95	5	30	65-120	
Di-n-butyl phthalate	3.65	3.17	87	3	30	66-120	
Di-n-octyl phthalate	3.65	3.35	92	2	30	65-133	
Fluoranthene	3.65	3.28	88	2	30	61-120	
Fluorene	3.65	3.35	92	3	30	60-120	
Hexachlorobenzene	3.65	3.69	101	6	30	66-120	
Hexachlorobutadiene	3.65	3.18	87	2	30	62-120	
Hexachlorocyclopentadiene	3.65	2.16	59	1	30	38-120	
Hexachloroethane	3.65	2.56	70	2	30	61-120	
Indeno[1,2,3-cd]pyrene	3.65	4.38	119	4	30	62-130	
Isophorone	3.65	2.58	71	0	30	67-120	
Naphthalene	3.65	3.52	77	22	30	63-120	
Nitrobenzene	3.65	2.68	73	2	30	63-120	
N-Nitrosodi-n-propylamine	3.65	2.39	65	0	30	61-120	
N-Nitrosodiphenylamine	3.65	3.28	90	4	30	63-120	
Pentachlorophenol	7.30	4.43	61	15	30	37-126	
Phenanthrene	3.65	3.43	91	3	30	66-120	
Phenol	3.65	2.77	76	1	30	63-120	
Pyrene	3.65	3.79	102	3	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab File ID: X41846.d Lab Sample ID: MB 460-847011/1-A

Matrix: Solid Date Extracted: 05/27/2022 11:26

Instrument ID: CBNAMS5 Date Analyzed: 05/27/2022 19:07

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-847011/2-A	X41847.d	05/27/2022 19:31
	LCSD 460-847011/3-A	X41848.d	05/27/2022 19:54
UST-1-A	460-258917-1	X41861.d	05/28/2022 01:03
UST-1-B	460-258917-2	X41862.d	05/28/2022 01:27
	180-138294-B-45-A MS	X41867.d	05/28/2022 03:26
	180-138294-B-45-B MSD	X41868.d	05/28/2022 03:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab File ID: X40639.d DFTPP Injection Date: 03/29/2022

Instrument ID: CBNAMS5 DFTPP Injection Time: 09:43

Analysis Batch No.: 836125

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.7) 1
69	Present	39.3
70	Less than 2% of m/z 69	0.1 (0.4) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.9
365	Greater than 1% of Base Peak	4.8
441	Less than 150% of m/z 443	26.5 (81.4) 3
442	Present	168.8
443	15-24% of m/z 442	32.5 (19.3) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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
	ICIS 460-836125/2	X40640.d	03/29/2022	9:55
	STD120 460-836125/3	X40641.d	03/29/2022	10:19
	STD80 460-836125/4	X40642.d	03/29/2022	10:49
	STD20 460-836125/5	X40643.d	03/29/2022	11:13
	STD10 460-836125/6	X40644.d	03/29/2022	11:37
	STD5 460-836125/7	X40645.d	03/29/2022	12:02
	STD2 460-836125/8	X40646.d	03/29/2022	12:26
	STD1 460-836125/9	X40647.d	03/29/2022	12:51
	STD05 460-836125/10	X40648.d	03/29/2022	13:15
	ICV 460-836125/11	X40649.d	03/29/2022	13:39

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: ICIS 460-836125/2 Date Analyzed: 03/29/2022 09:55

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X40640.d Heated Purge: (Y/N) N

Calibration ID: 90137

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		52689	4.61	201594	5.83	103785	7.49
UPPER LIMIT		105378	5.11	403188	6.33	207570	7.99
LOWER LIMIT		26345	4.11	100797	5.33	51893	6.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836125/11		64365	4.62	241922	5.82	125586	7.49

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 8270E

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: ICIS 460-836125/2 Date Analyzed: 03/29/2022 09:55

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X40640.d Heated Purge: (Y/N) N

Calibration ID: 90137

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		194214	8.90	182708	11.59	215770	13.58
UPPER LIMIT		388428	9.40	365416	12.09	431540	14.08
LOWER LIMIT		97107	8.40	91354	11.09	107885	13.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-836125/11		228237	8.89	213678	11.59	253216	13.58

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 8270E

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: CCVIS 460-847119/2 Date Analyzed: 05/27/2022 18:11

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X41844.d Heated Purge: (Y/N) N

Calibration ID: 90137

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		47517	4.30	173137	5.52	91448	7.19
UPPER LIMIT		95034	4.80	346274	6.02	182896	7.69
LOWER LIMIT		23759	3.80	86569	5.02	45724	6.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-847011/1-A		37313	4.30	137808	5.52	74578	7.19
LCS 460-847011/2-A		40159	4.30	145803	5.52	81046	7.19
LCSD 460-847011/3-A		42024	4.30	152399	5.52	84782	7.19
460-258917-1	UST-1-A	46456	4.30	165968	5.52	90087	7.19
460-258917-2	UST-1-B	54667	4.30	190704	5.52	102489	7.19
180-138294-B-45-A MS		53223	4.30	188797	5.52	102583	7.19
180-138294-B-45-B MSD		49149	4.30	171424	5.52	91755	7.19

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 8270E

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

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Sample No.: CCVIS 460-847119/2 Date Analyzed: 05/27/2022 18:11

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X41844.d Heated Purge: (Y/N) N

Calibration ID: 90137

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		173787	8.60	161771	11.26	201984	13.17
UPPER LIMIT		347574	9.10	323542	11.76	403968	13.67
LOWER LIMIT		86894	8.10	80886	10.76	100992	12.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-847011/1-A		150982	8.60	151008	11.25	185096	13.17
LCS 460-847011/2-A		162251	8.60	161293	11.25	203129	13.17
LCSD 460-847011/3-A		167923	8.60	167431	11.25	207394	13.17
460-258917-1	UST-1-A	169685	8.60	143089	11.25	167582	13.16
460-258917-2	UST-1-B	195103	8.60	166208	11.25	178011	13.16
180-138294-B-45-A MS		199238	8.60	159419	11.25	180046	13.16
180-138294-B-45-B MSD		175804	8.60	144479	11.25	163053	13.16

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-A | Lab Sample ID: 460-258917-1

Matrix: Solid | Lab File ID: X41861.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:45

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 23.0 % Solids: 77.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.015	U	0.43	0.015
95-94-3	1,2,4,5-Tetrachlorobenzene	0.013	U	0.43	0.013
123-91-1	1,4-Dioxane	0.038	U	0.043	0.038
108-60-1	2,2'-oxybis[1-chloropropane]	0.0078	U	0.43	0.0078
58-90-2	2,3,4,6-Tetrachlorophenol	0.029	U	0.43	0.029
95-95-4	2,4,5-Trichlorophenol	0.044	U	0.43	0.044
88-06-2	2,4,6-Trichlorophenol	0.055	U	0.17	0.055
120-83-2	2,4-Dichlorophenol	0.028	U	0.17	0.028
105-67-9	2,4-Dimethylphenol	0.051	U	0.43	0.051
51-28-5	2,4-Dinitrophenol	0.21	U	0.35	0.21
121-14-2	2,4-Dinitrotoluene	0.046	U	0.087	0.046
606-20-2	2,6-Dinitrotoluene	0.031	U	0.087	0.031
91-58-7	2-Chloronaphthalene	0.020	U	0.43	0.020
95-57-8	2-Chlorophenol	0.015	U	0.43	0.015
91-57-6	2-Methylnaphthalene	0.012	U	0.43	0.012
95-48-7	2-Methylphenol	0.016	U	0.43	0.016
88-74-4	2-Nitroaniline	0.033	U	0.43	0.033
88-75-5	2-Nitrophenol	0.043	U	0.43	0.043
91-94-1	3,3'-Dichlorobenzidine	0.065	U	0.17	0.065
99-09-2	3-Nitroaniline	0.10	U	0.43	0.10
534-52-1	4,6-Dinitro-2-methylphenol	0.18	U	0.35	0.18
101-55-3	4-Bromophenyl phenyl ether	0.017	U	0.43	0.017
59-50-7	4-Chloro-3-methylphenol	0.024	U	0.43	0.024
106-47-8	4-Chloroaniline	0.076	U	0.43	0.076
7005-72-3	4-Chlorophenyl phenyl ether	0.015	U	0.43	0.015
106-44-5	4-Methylphenol	0.027	U	0.43	0.027
100-01-6	4-Nitroaniline	0.049	U	0.43	0.049
100-02-7	4-Nitrophenol	0.070	U	0.87	0.070
83-32-9	Acenaphthene	0.012	U	0.43	0.012
208-96-8	Acenaphthylene	0.012	U	0.43	0.012
98-86-2	Acetophenone	0.021	U	0.43	0.021
120-12-7	Anthracene	0.013	U	0.43	0.013

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-A | Lab Sample ID: 460-258917-1

Matrix: Solid | Lab File ID: X41861.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:45

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 23.0 % Solids: 77.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.025	U	0.17	0.025
100-52-7	Benzaldehyde	0.071	U	0.43	0.071
56-55-3	Benzo[a]anthracene	0.017	J	0.043	0.015
50-32-8	Benzo[a]pyrene	0.011	J	0.043	0.011
205-99-2	Benzo[b]fluoranthene	0.014	J	0.043	0.011
191-24-2	Benzo[g,h,i]perylene	0.013	U	0.43	0.013
207-08-9	Benzo[k]fluoranthene	0.011	J	0.043	0.0084
111-91-1	Bis(2-chloroethoxy)methane	0.033	U	0.43	0.033
111-44-4	Bis(2-chloroethyl)ether	0.015	U	0.043	0.015
117-81-7	Bis(2-ethylhexyl) phthalate	0.023	U	0.43	0.023
85-68-7	Butyl benzyl phthalate	0.020	U	0.43	0.020
105-60-2	Caprolactam	0.067	U	0.43	0.067
86-74-8	Carbazole	0.016	U	0.43	0.016
218-01-9	Chrysene	0.013	J	0.43	0.0073
53-70-3	Dibenz(a,h)anthracene	0.019	U	0.043	0.019
132-64-9	Dibenzofuran	0.014	U	0.43	0.014
84-66-2	Diethyl phthalate	0.014	U	0.43	0.014
131-11-3	Dimethyl phthalate	0.098	U	0.43	0.098
84-74-2	Di-n-butyl phthalate	0.016	U	0.43	0.016
117-84-0	Di-n-octyl phthalate	0.023	U	0.43	0.023
206-44-0	Fluoranthene	0.015	U	0.43	0.015
86-73-7	Fluorene	0.013	U	0.43	0.013
118-74-1	Hexachlorobenzene	0.020	U	0.043	0.020
87-68-3	Hexachlorobutadiene	0.0091	U	0.087	0.0091
77-47-4	Hexachlorocyclopentadiene	0.038	U	0.43	0.038
67-72-1	Hexachloroethane	0.015	U	0.043	0.015
193-39-5	Indeno[1,2,3-cd]pyrene	0.017	U	0.043	0.017
78-59-1	Isophorone	0.12	U	0.17	0.12
91-20-3	Naphthalene	0.0074	U	0.43	0.0074
98-95-3	Nitrobenzene	0.024	U	0.043	0.024
621-64-7	N-Nitrosodi-n-propylamine	0.031	U	0.043	0.031
86-30-6	N-Nitrosodiphenylamine	0.035	U	0.43	0.035

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-A | Lab Sample ID: 460-258917-1

Matrix: Solid | Lab File ID: X41861.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:45

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 23.0 % Solids: 77.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.088	U	0.35	0.088
85-01-8	Phenanthrene	0.0075	U	0.43	0.0075
108-95-2	Phenol	0.016	U	0.43	0.016
129-00-0	Pyrene	0.022	J	0.43	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	96		10-123
321-60-8	2-Fluorobiphenyl	82		22-122
367-12-4	2-Fluorophenol (Surr)	68		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	65		16-125
4165-62-2	Phenol-d5 (Surr)	70		23-120
1718-51-0	Terphenyl-d14 (Surr)	99		25-126

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-A | Lab Sample ID: 460-258917-1

Matrix: Solid | Lab File ID: X41861.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:45

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 23.0 % Solids: 77.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

Number TICs Found: 1 | TIC Result Total: 0.56

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.75	0.56	A J	

Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d
Lims ID: 460-258917-A-1-A
Client ID: UST-1-A
Sample Type: Client
Inject. Date: 28-May-2022 01:03:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-019
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:20:41 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: nimerd Date: 31-May-2022 16:39:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.069	3.063	0.006	94	54478	34.0	
$ 6 Phenol-d5	99	3.981	4.063	0.006	96	66752	35.0	
* 14 1,4-Dichlorobenzene-d4	152	4.298	4.299	-0.001	95	46456	40.0	
$ 26 Nitrobenzene-d5	82	4.845	4.846	-0.001	89	55808	32.4	
* 38 Naphthalene-d8	136	5.516	5.522	-0.006	99	165968	40.0	
$ 51 2-Fluorobiphenyl	172	6.545	6.551	-0.006	97	141304	40.8	
* 65 Acenaphthene-d10	164	7.186	7.192	-0.006	95	90087	40.0	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	88	36626	48.0	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	169685	40.0	
95 Pyrene	202	9.992	9.981	0.011	68	1127	0.2553	
$ 96 Terphenyl-d14	244	10.122	10.122	0.000	96	193110	49.3	
101 Benzo[a]anthracene	228	11.239	11.245	-0.006	11	880	0.2002	
* 102 Chrysene-d12	240	11.251	11.257	-0.006	99	143089	40.0	
103 Chrysene	228	11.280	11.280	-0.006	1	612	0.1497	a
106 Benzo[b]fluoranthene	252	12.657	12.639	0.024	39	763	0.1650	a
107 Benzo[k]fluoranthene	252	12.668	12.674	-0.001	1	621	0.1311	M
108 Benzo[a]pyrene	252	13.098	13.092	0.006	48	542	0.1219	
* 109 Perylene-d12	264	13.162	13.174	-0.012	99	167582	40.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d
Lims ID: 460-258917-A-1-A
Client ID: UST-1-A
Sample Type: Client
Inject. Date: 28-May-2022 01:03:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-019
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:20:41 Calib Date: 29-Mar-2022 13:15:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: nimerd Date: 31-May-2022 16:39:47

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.746	44466	6.50	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.298	273534	40.0

QC Flag Legend

Processing Flags

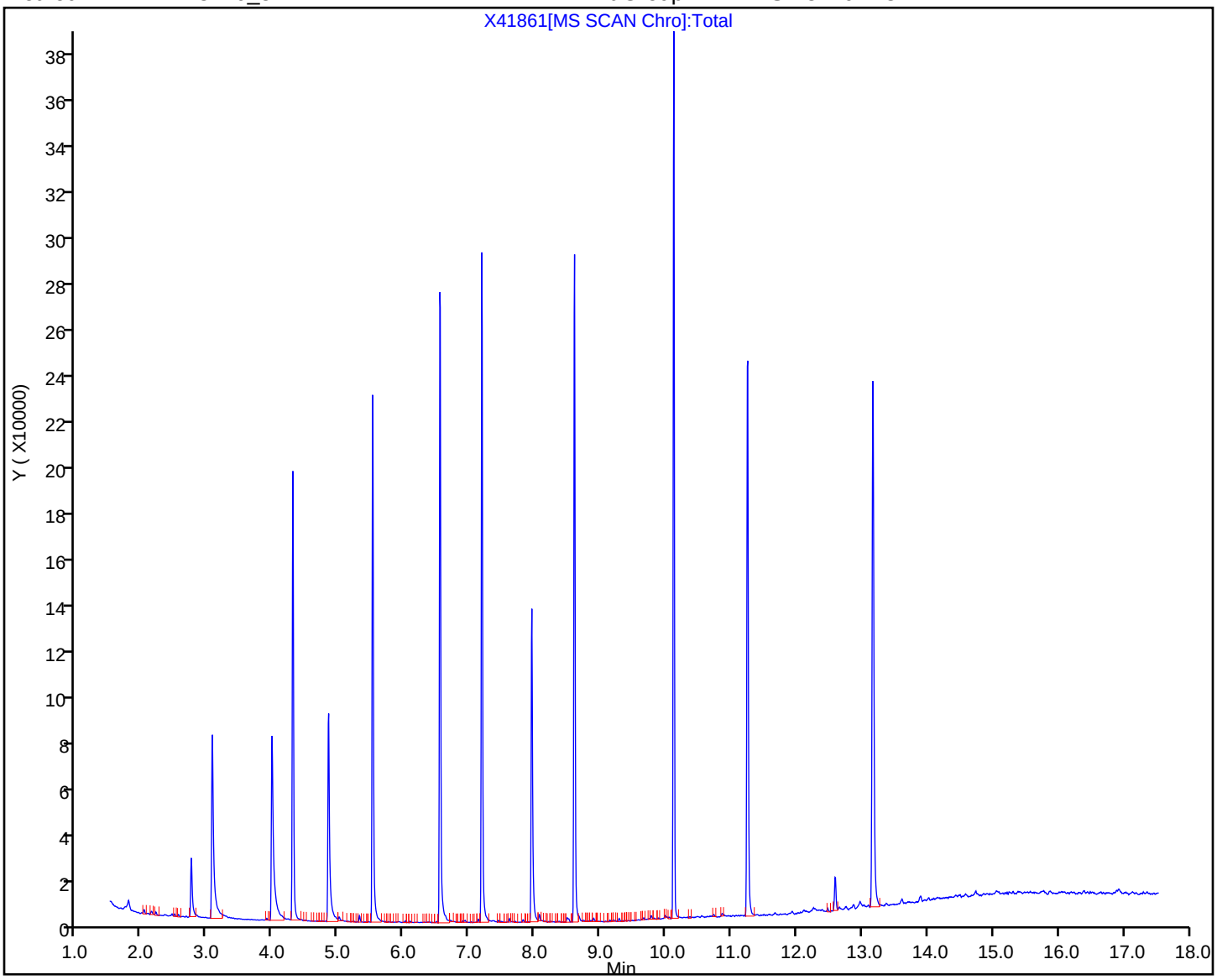
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d				
Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d
Lims ID: 460-258917-A-1-A
Client ID: UST-1-A
Sample Type: Client
Inject. Date: 28-May-2022 01:03:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-019
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:20:41 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: nimerd Date: 31-May-2022 16:39:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	50.0	34.0	67.96
$ 6 Phenol-d5	50.0	35.0	70.06
$ 26 Nitrobenzene-d5	50.0	32.4	64.78
$ 51 2-Fluorobiphenyl	50.0	40.8	81.56
$ 80 2,4,6-Tribromophenol	50.0	48.0	96.00
$ 96 Terphenyl-d14	50.0	49.3	98.62

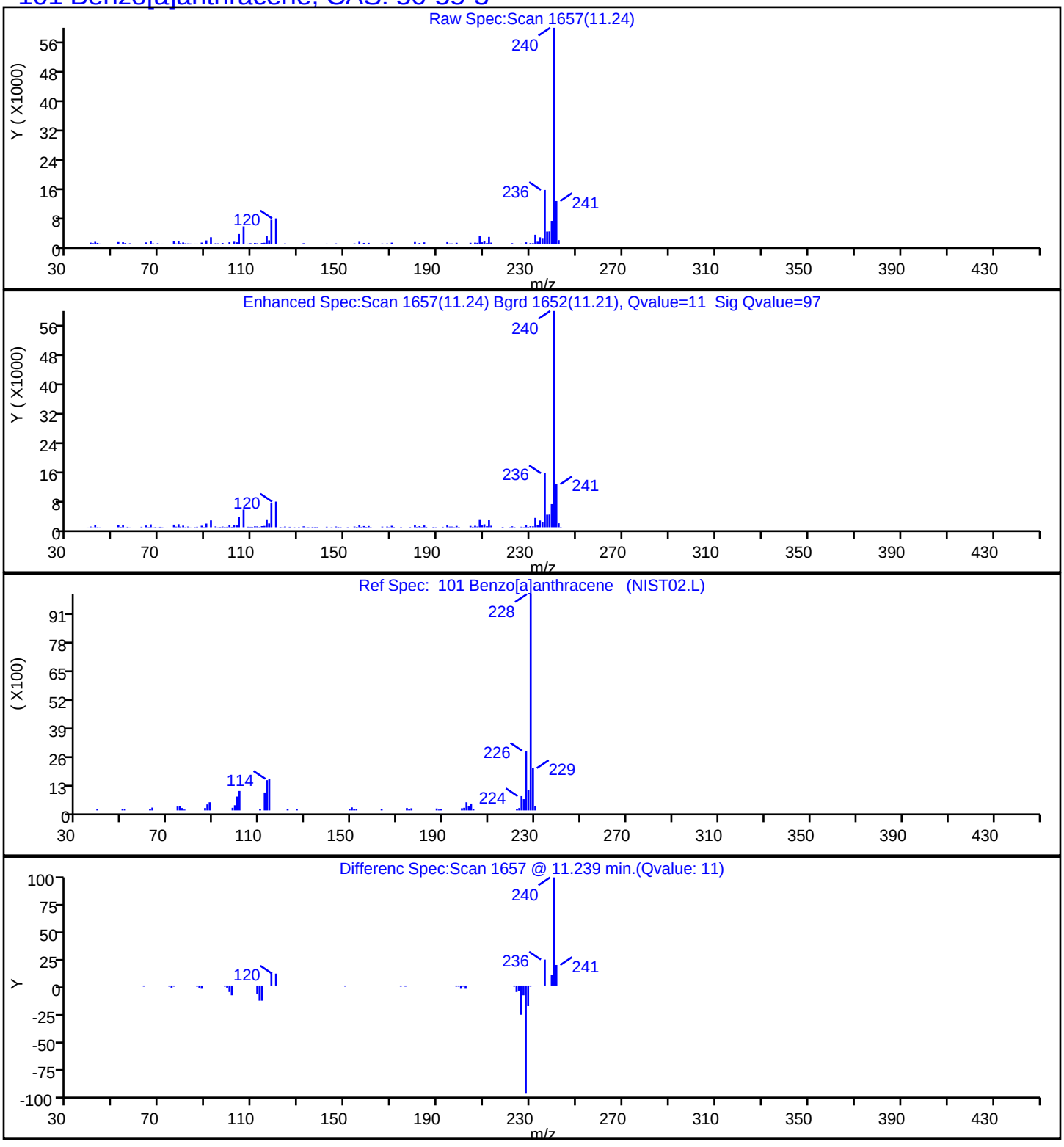
Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d

Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3



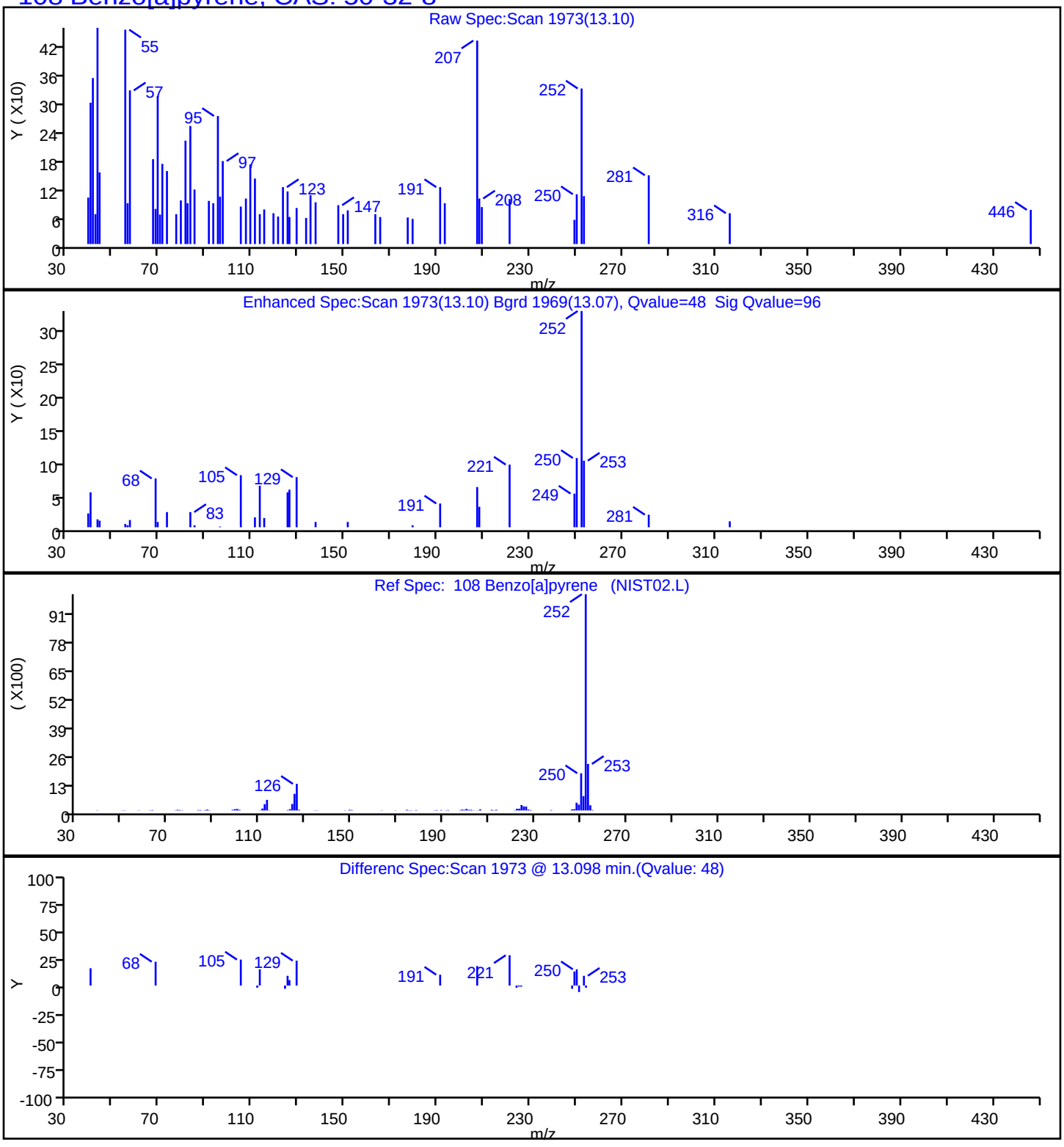
Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d

Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8



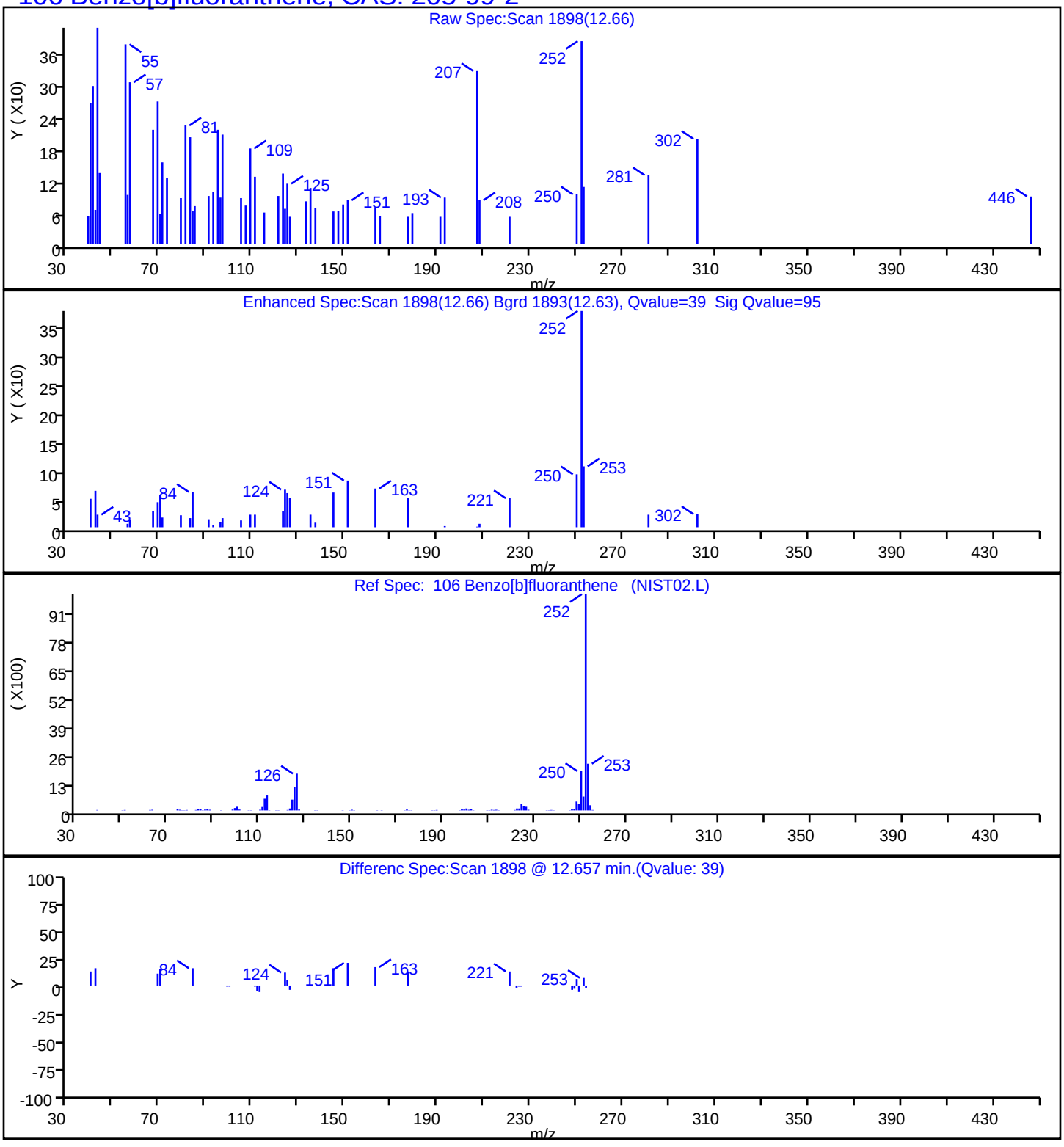
Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d

Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2



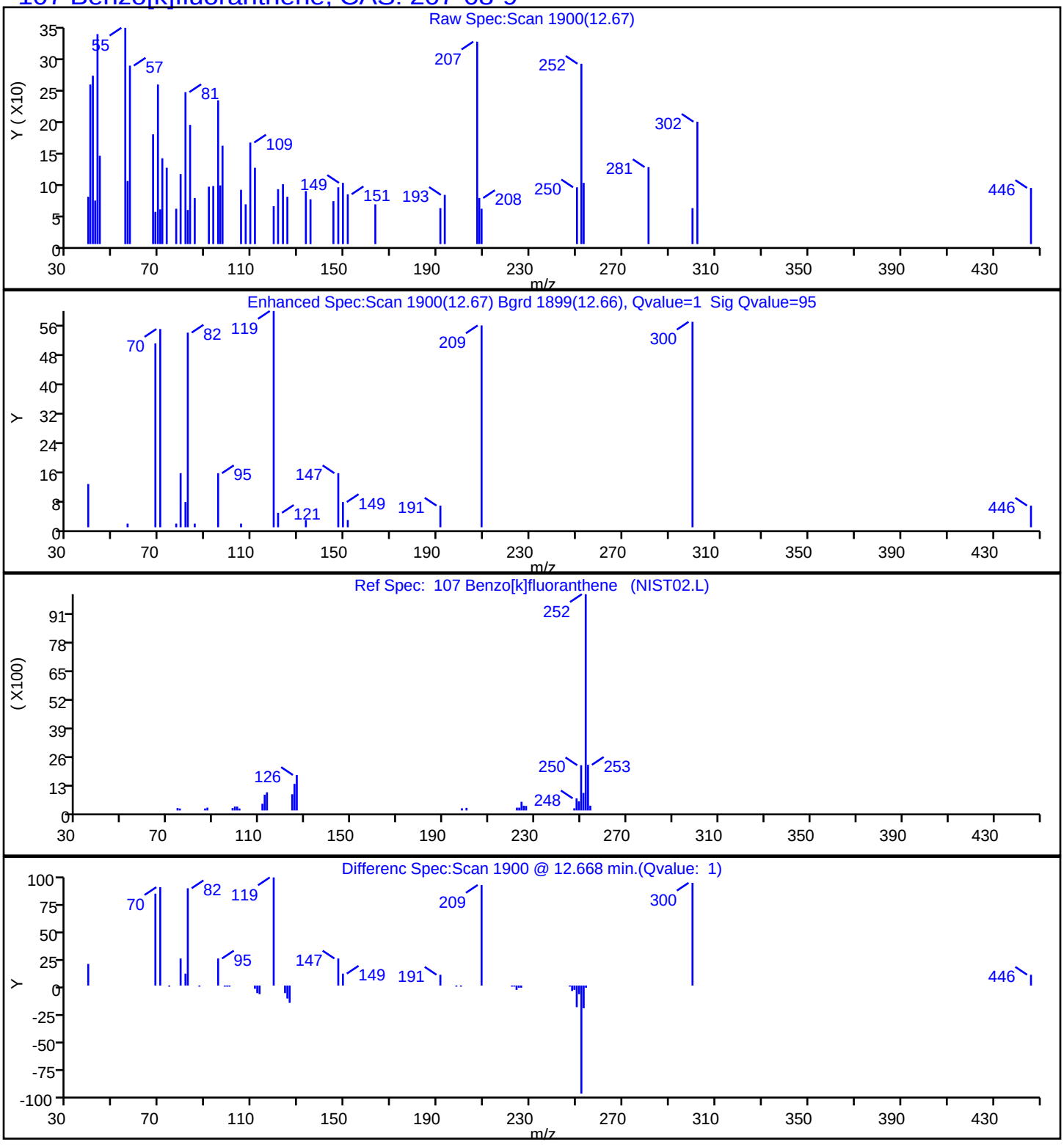
Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d

Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9



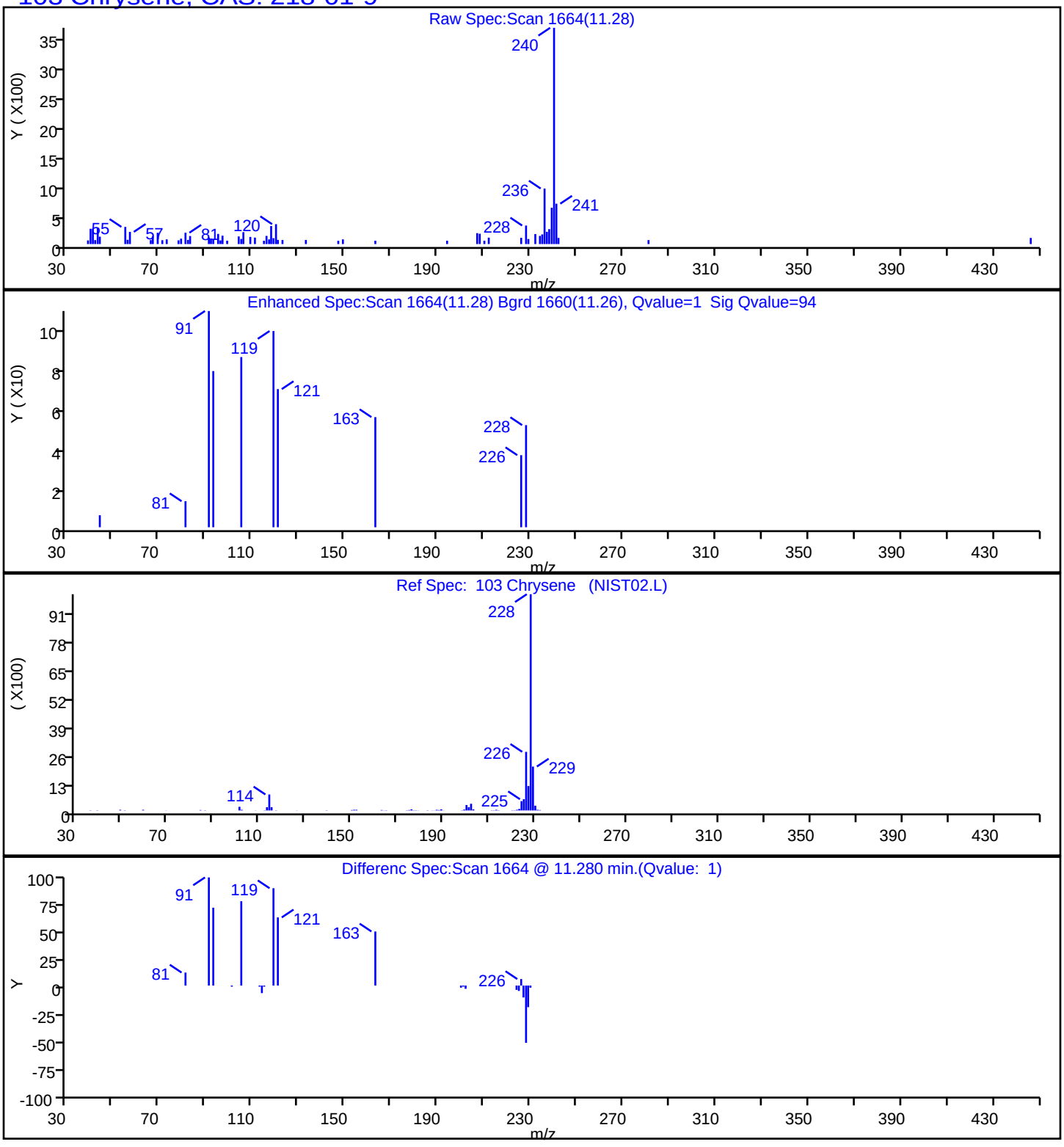
Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d

Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9



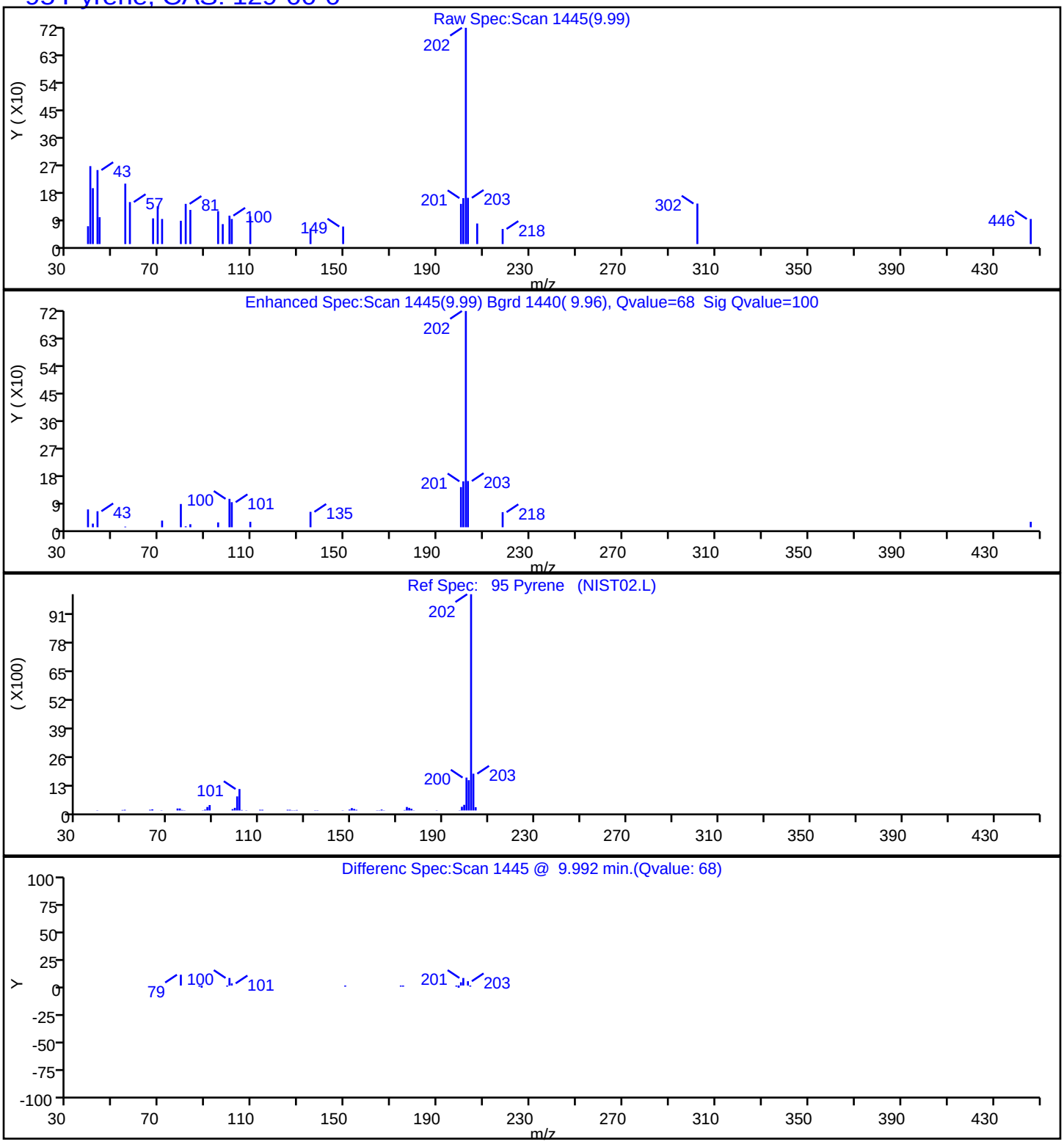
Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d

Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

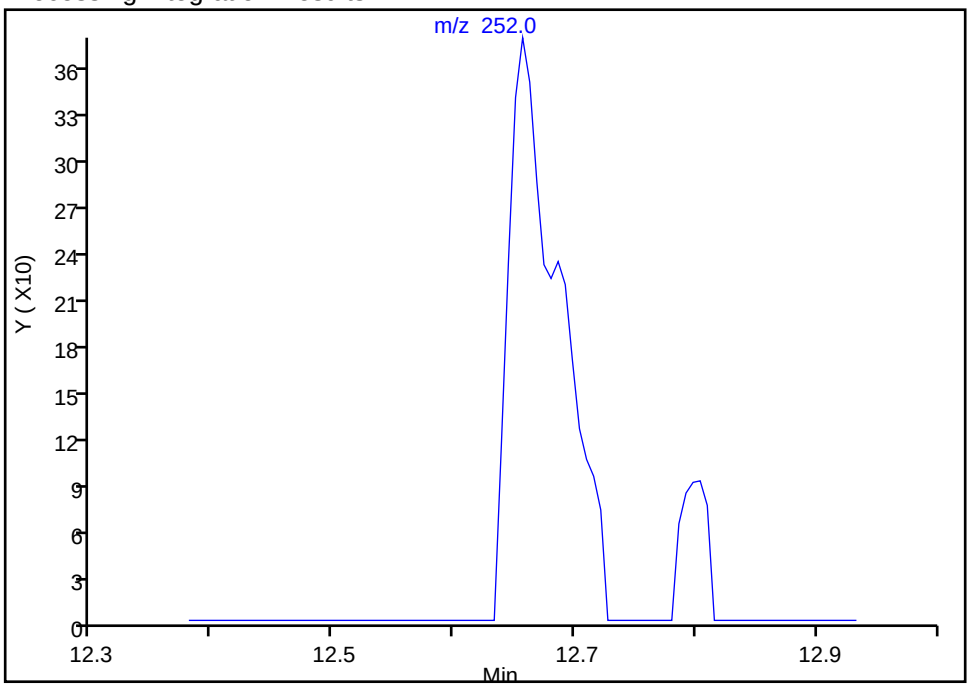
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d				
Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

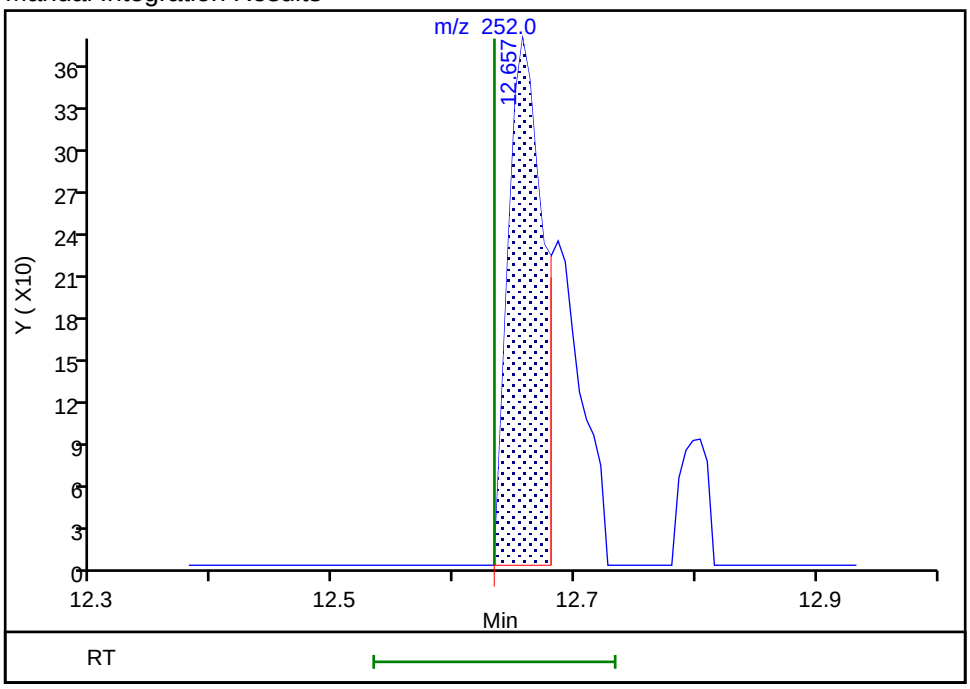
Not Detected
Expected RT: 12.63

Processing Integration Results



Manual Integration Results

RT: 12.66
Area: 763
Amount: 0.165007
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-May-2022 13:07:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

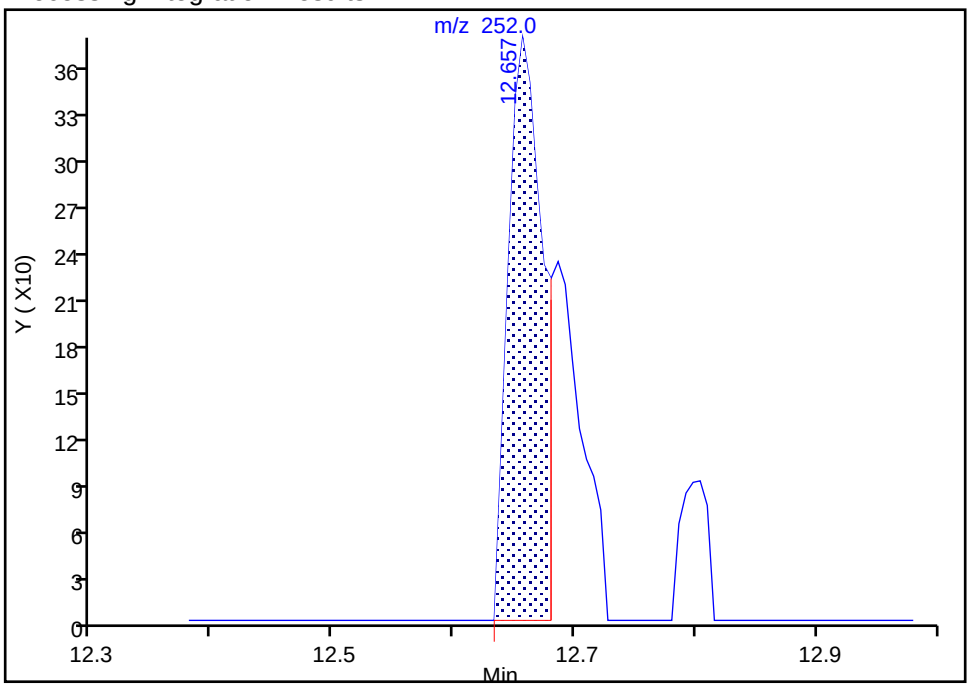
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d				
Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

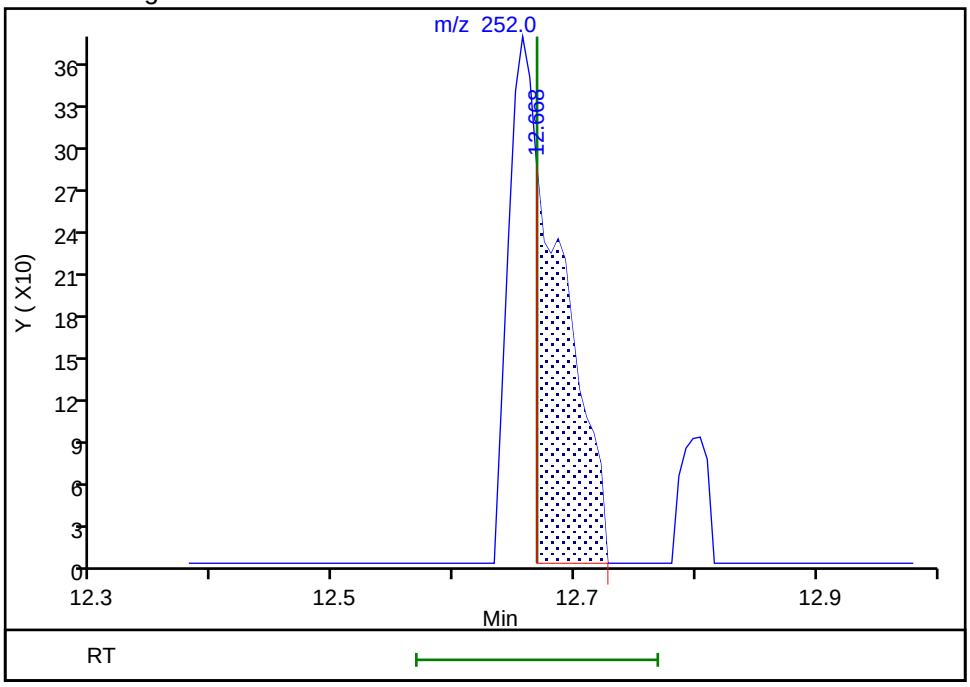
Processing Integration Results

RT: 12.66
Area: 763
Amount: 0.161018
Amount Units: ug/ml



Manual Integration Results

RT: 12.67
Area: 621
Amount: 0.131052
Amount Units: ug/ml



Reviewer: hamziy, 28-May-2022 17:55:52

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

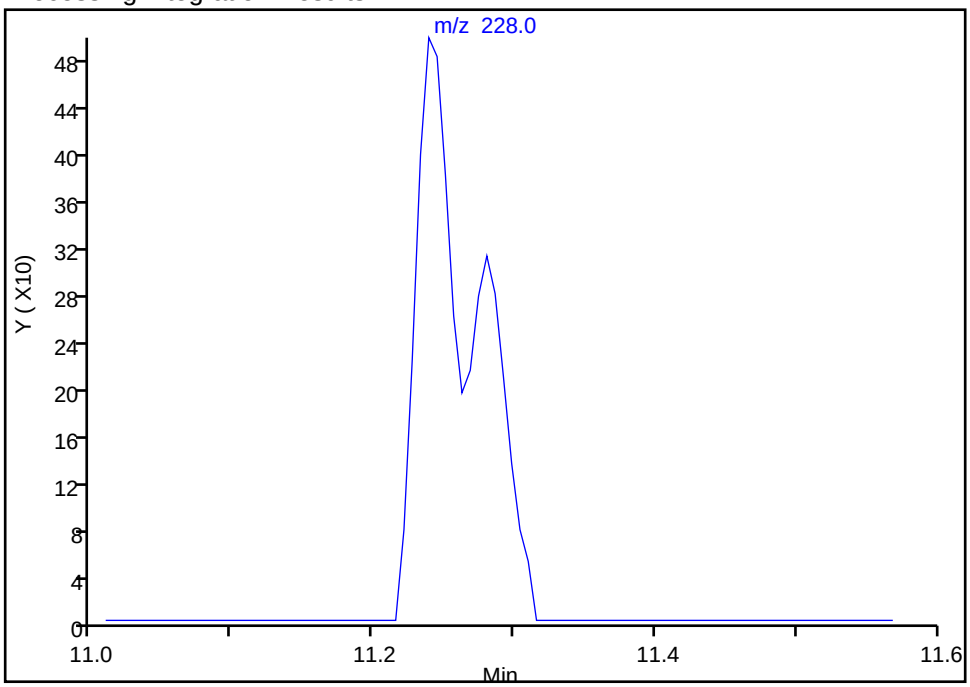
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d				
Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Signal: 1

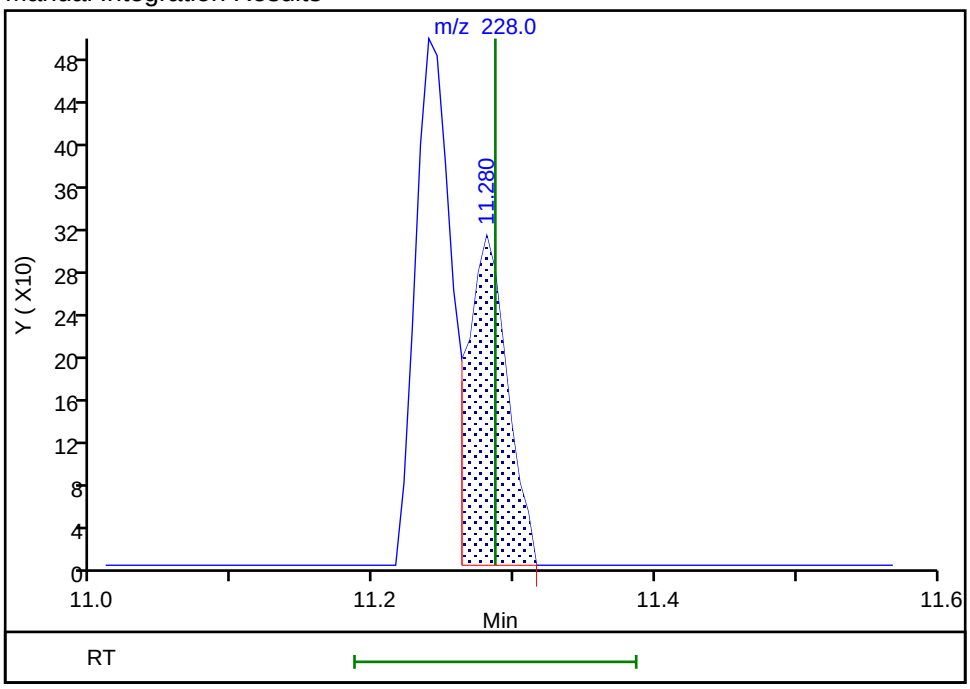
Not Detected
Expected RT: 11.29

Processing Integration Results



Manual Integration Results

RT: 11.28
Area: 612
Amount: 0.149661
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-May-2022 13:07:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

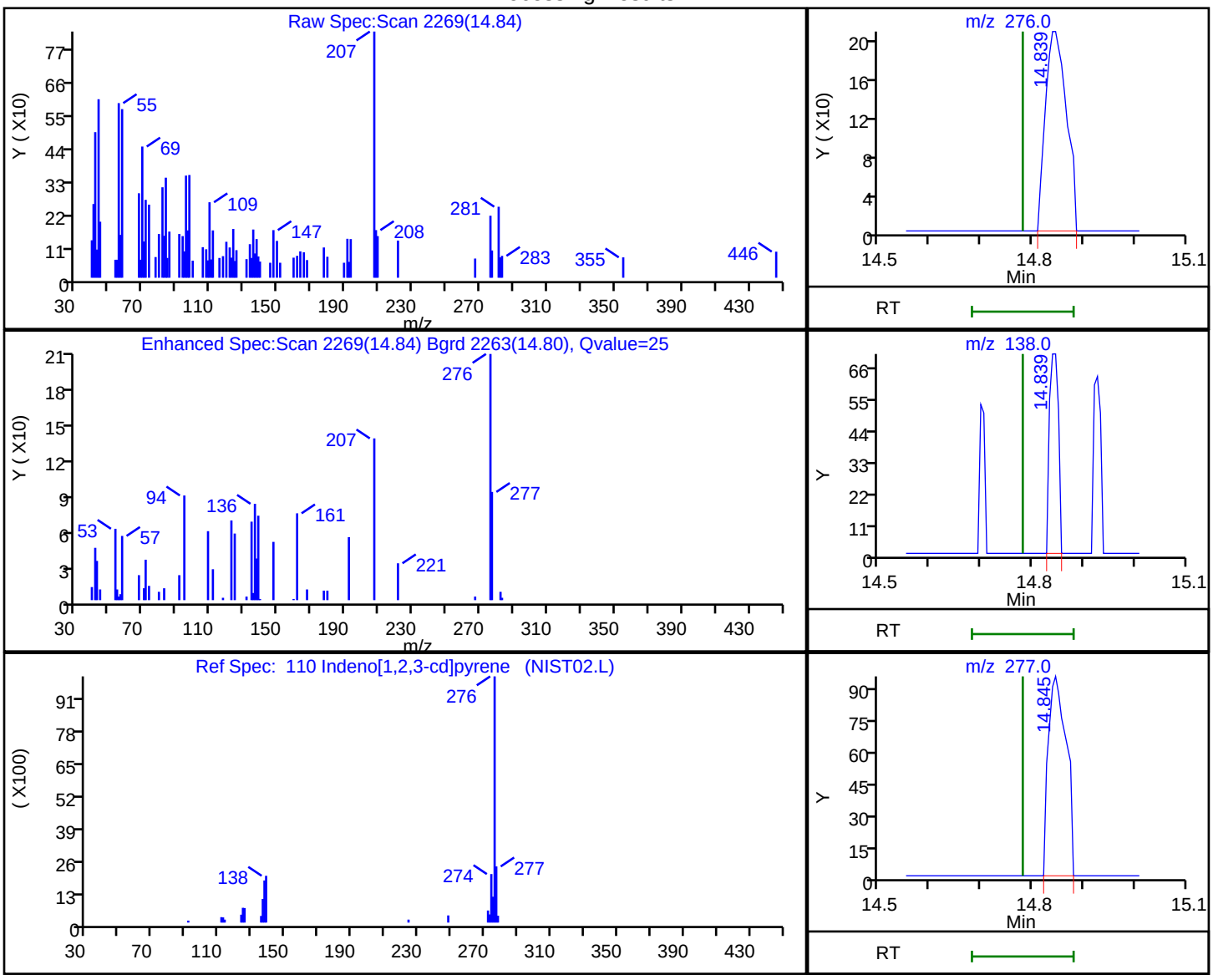
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d				
Injection Date:	28-May-2022 01:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-1-A	Lab Sample ID:	460-258917-1		
Client ID:	UST-1-A				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Processing Results



RT	Mass	Response	Amount
14.84	276.00	594	0.135051
14.84	138.00	88	
14.84	277.00	234	

Reviewer: hamziy, 28-May-2022 17:55:47

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

Report Date: 31-May-2022 16:39:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41861.d

Injection Date: 28-May-2022 01:03:30 Instrument ID: CBNAMS5

Lims ID: 460-258917-A-1-A Lab Sample ID: 460-258917-1

Client ID: UST-1-A

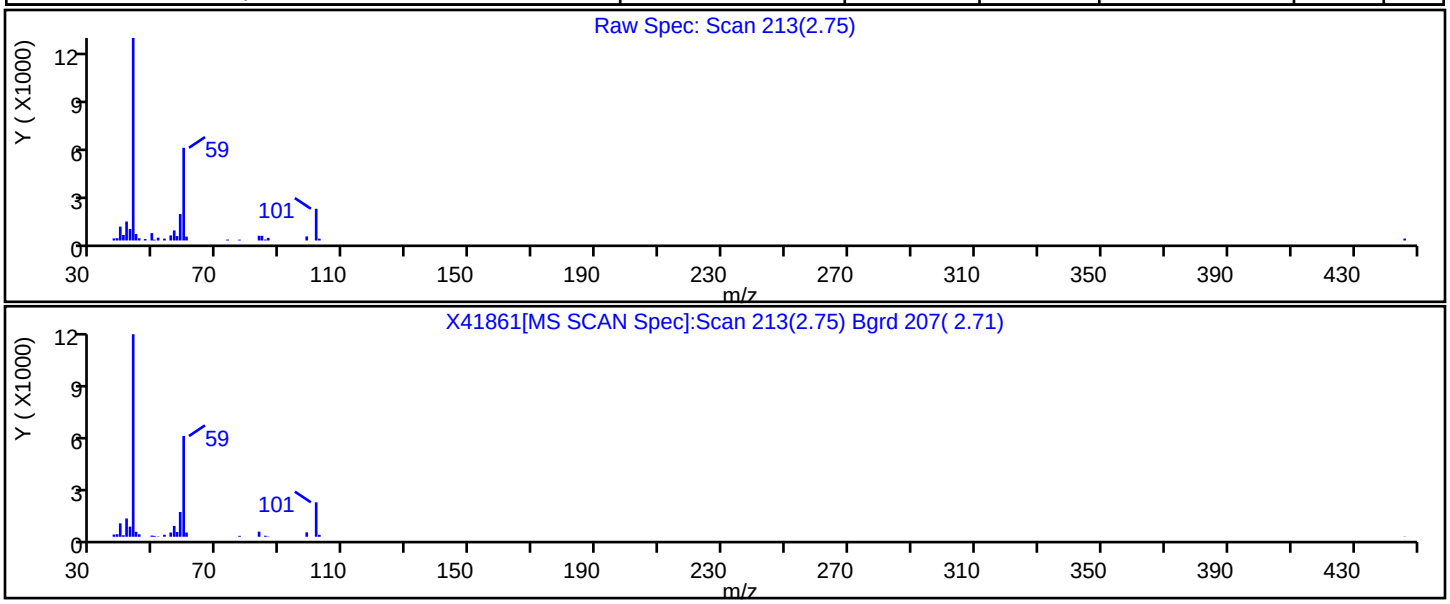
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-B | Lab Sample ID: 460-258917-2

Matrix: Solid | Lab File ID: X41862.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:55

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 13.3 % Solids: 86.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.013	U	0.38	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	0.012	U	0.38	0.012
123-91-1	1,4-Dioxane	0.033	U	0.038	0.033
108-60-1	2,2'-oxybis[1-chloropropane]	0.0069	U	0.38	0.0069
58-90-2	2,3,4,6-Tetrachlorophenol	0.026	U	0.38	0.026
95-95-4	2,4,5-Trichlorophenol	0.039	U	0.38	0.039
88-06-2	2,4,6-Trichlorophenol	0.049	U	0.15	0.049
120-83-2	2,4-Dichlorophenol	0.024	U	0.15	0.024
105-67-9	2,4-Dimethylphenol	0.045	U	0.38	0.045
51-28-5	2,4-Dinitrophenol	0.19	U	0.31	0.19
121-14-2	2,4-Dinitrotoluene	0.041	U	0.077	0.041
606-20-2	2,6-Dinitrotoluene	0.028	U	0.077	0.028
91-58-7	2-Chloronaphthalene	0.018	U	0.38	0.018
95-57-8	2-Chlorophenol	0.014	U	0.38	0.014
91-57-6	2-Methylnaphthalene	0.011	U	0.38	0.011
95-48-7	2-Methylphenol	0.014	U	0.38	0.014
88-74-4	2-Nitroaniline	0.029	U	0.38	0.029
88-75-5	2-Nitrophenol	0.038	U	0.38	0.038
91-94-1	3,3'-Dichlorobenzidine	0.058	U	0.15	0.058
99-09-2	3-Nitroaniline	0.090	U	0.38	0.090
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.31	0.16
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.38	0.015
59-50-7	4-Chloro-3-methylphenol	0.021	U	0.38	0.021
106-47-8	4-Chloroaniline	0.068	U	0.38	0.068
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.38	0.013
106-44-5	4-Methylphenol	0.024	U	0.38	0.024
100-01-6	4-Nitroaniline	0.044	U	0.38	0.044
100-02-7	4-Nitrophenol	0.062	U	0.77	0.062
83-32-9	Acenaphthene	0.011	U	0.38	0.011
208-96-8	Acenaphthylene	0.011	U	0.38	0.011
98-86-2	Acetophenone	0.019	U	0.38	0.019
120-12-7	Anthracene	0.016	J	0.38	0.012

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-B | Lab Sample ID: 460-258917-2

Matrix: Solid | Lab File ID: X41862.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:55

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 13.3 % Solids: 86.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.022	U	0.15	0.022
100-52-7	Benzaldehyde	0.063	U	0.38	0.063
56-55-3	Benzo[a]anthracene	0.055		0.038	0.013
50-32-8	Benzo[a]pyrene	0.053		0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.061		0.038	0.0099
191-24-2	Benzo[g,h,i]perylene	0.036	J	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.035	J	0.038	0.0075
111-91-1	Bis(2-chloroethoxy)methane	0.030	U	0.38	0.030
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.020	U	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.018	U	0.38	0.018
105-60-2	Caprolactam	0.059	U	0.38	0.059
86-74-8	Carbazole	0.015	U	0.38	0.015
218-01-9	Chrysene	0.062	J	0.38	0.0064
53-70-3	Dibenz(a,h)anthracene	0.017	U	0.038	0.017
132-64-9	Dibenzofuran	0.013	U	0.38	0.013
84-66-2	Diethyl phthalate	0.012	U	0.38	0.012
131-11-3	Dimethyl phthalate	0.087	U	0.38	0.087
84-74-2	Di-n-butyl phthalate	0.014	U	0.38	0.014
117-84-0	Di-n-octyl phthalate	0.020	U	0.38	0.020
206-44-0	Fluoranthene	0.10	J	0.38	0.013
86-73-7	Fluorene	0.011	U	0.38	0.011
118-74-1	Hexachlorobenzene	0.018	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.0081	U	0.077	0.0081
77-47-4	Hexachlorocyclopentadiene	0.033	U	0.38	0.033
67-72-1	Hexachloroethane	0.013	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.040		0.038	0.015
78-59-1	Isophorone	0.11	U	0.15	0.11
91-20-3	Naphthalene	0.0066	U	0.38	0.0066
98-95-3	Nitrobenzene	0.021	U	0.038	0.021
621-64-7	N-Nitrosodi-n-propylamine	0.028	U	0.038	0.028
86-30-6	N-Nitrosodiphenylamine	0.031	U	0.38	0.031

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-B | Lab Sample ID: 460-258917-2

Matrix: Solid | Lab File ID: X41862.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:55

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 13.3 % Solids: 86.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.078	U	0.31	0.078
85-01-8	Phenanthrene	0.069	J	0.38	0.0067
108-95-2	Phenol	0.014	U	0.38	0.014
129-00-0	Pyrene	0.11	J	0.38	0.0095

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	98		10-123
321-60-8	2-Fluorobiphenyl	89		22-122
367-12-4	2-Fluorophenol (Surr)	67		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	70		16-125
4165-62-2	Phenol-d5 (Surr)	71		23-120
1718-51-0	Terphenyl-d14 (Surr)	99		25-126

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: UST-1-B | Lab Sample ID: 460-258917-2

Matrix: Solid | Lab File ID: X41862.d

Analysis Method: 8270E | Date Collected: 05/25/2022 11:55

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 01:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 13.3 % Solids: 86.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

Number TICs Found: 1 | TIC Result Total: 0.55

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.75	0.55	A J	

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d
Lims ID: 460-258917-A-2-A
Client ID: UST-1-B
Sample Type: Client
Inject. Date: 28-May-2022 01:27:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-020
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:20:41 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: hamziy Date: 28-May-2022 17:56:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.069	3.063	0.006	94	63012	33.4	
$ 6 Phenol-d5	99	3.975	4.063	0.000	96	80058	35.7	
* 14 1,4-Dichlorobenzene-d4	152	4.299	4.299	0.000	95	54667	40.0	
$ 26 Nitrobenzene-d5	82	4.840	4.846	-0.006	90	69254	35.0	
* 38 Naphthalene-d8	136	5.516	5.522	-0.006	99	190704	40.0	
$ 51 2-Fluorobiphenyl	172	6.546	6.551	-0.005	98	174755	44.3	
* 65 Acenaphthene-d10	164	7.187	7.192	-0.005	96	102489	40.0	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	89	42421	48.9	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	195103	40.0	
89 Phenanthrene	178	8.628	8.675	0.000	45	4570	0.9003	
90 Anthracene	178	8.692	8.681	0.011	21	1110	0.2139	
93 Fluoranthene	202	9.769	9.763	0.006	93	7435	1.31	
95 Pyrene	202	9.986	9.981	0.005	93	7349	1.43	
$ 96 Terphenyl-d14	244	10.122	10.122	0.000	97	224041	49.3	
101 Benzo[a]anthracene	228	11.239	11.245	-0.006	41	3626	0.7103	
* 102 Chrysene-d12	240	11.245	11.257	-0.012	99	166208	40.0	
103 Chrysene	228	11.280	11.280	-0.006	66	3859	0.8124	
106 Benzo[b]fluoranthene	252	12.651	12.639	0.018	81	3900	0.7940	a
107 Benzo[k]fluoranthene	252	12.669	12.674	0.000	1	2324	0.4617	M
108 Benzo[a]pyrene	252	13.098	13.092	0.006	81	3251	0.6884	
* 109 Perylene-d12	264	13.163	13.174	-0.011	99	178011	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.827	14.767	0.047	84	2455	0.5255	
111 Dibenz(a,h)anthracene	278	14.833	14.790	0.029	20	672	0.1361	
112 Benzo[g,h,i]perylene	276	15.274	15.214	0.047	67	2423	0.4650	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d
Lims ID: 460-258917-A-2-A
Client ID: UST-1-B
Sample Type: Client
Inject. Date: 28-May-2022 01:27:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-020
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:20:41 Calib Date: 29-Mar-2022 13:15:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: hamziy Date: 28-May-2022 17:56:24

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.746	57188	7.11	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.299	321888	40.0

QC Flag Legend

Processing Flags

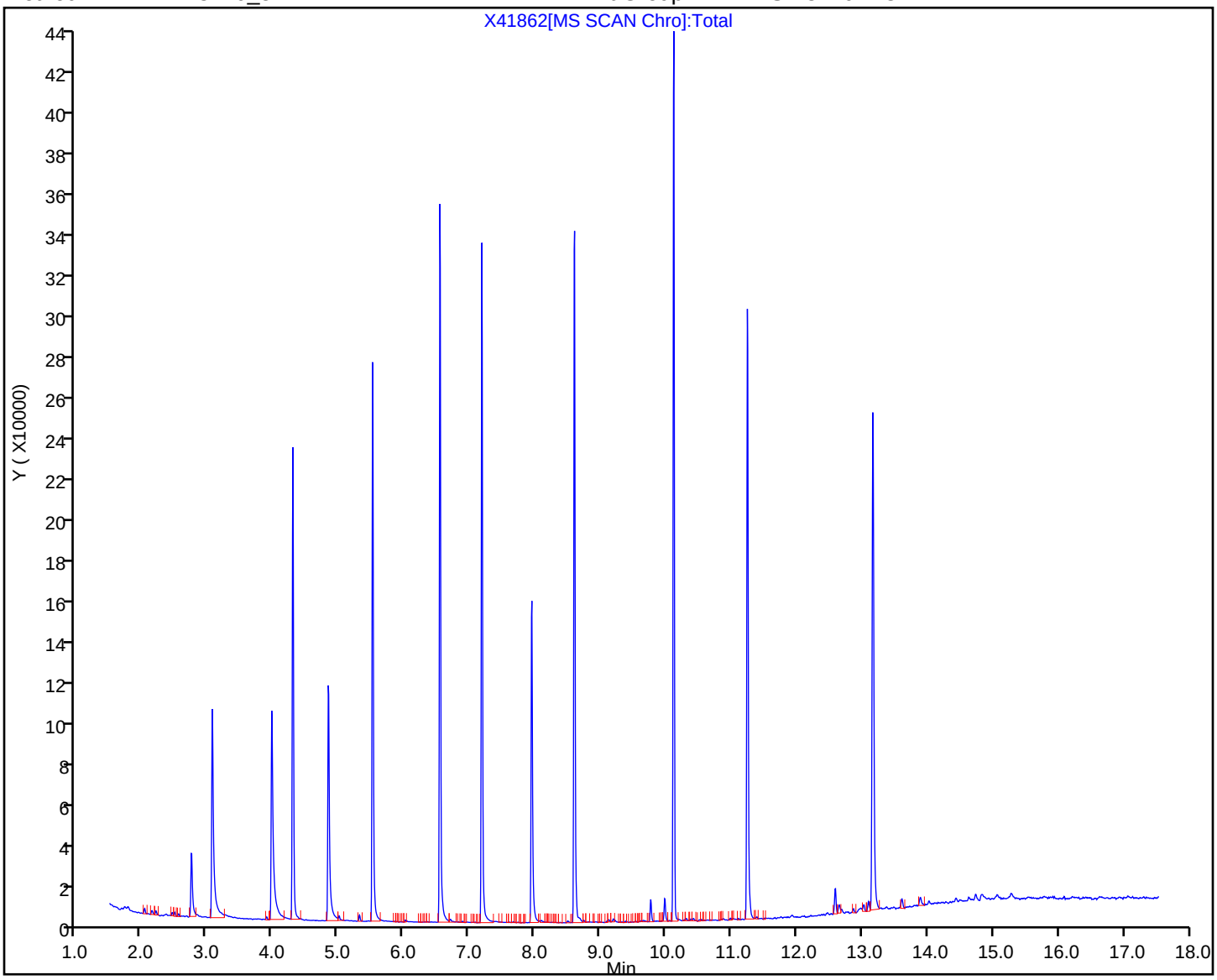
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-May-2022 16:39:54 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d				
Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Report Date: 31-May-2022 16:39:54 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d
Lims ID: 460-258917-A-2-A
Client ID: UST-1-B
Sample Type: Client
Inject. Date: 28-May-2022 01:27:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-020
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:20:41 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: hamziy Date: 28-May-2022 17:56:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	50.0	33.4	66.80
$ 6 Phenol-d5	50.0	35.7	71.40
$ 26 Nitrobenzene-d5	50.0	35.0	69.96
$ 51 2-Fluorobiphenyl	50.0	44.3	88.66
$ 80 2,4,6-Tribromophenol	50.0	48.9	97.74
$ 96 Terphenyl-d14	50.0	49.3	98.50

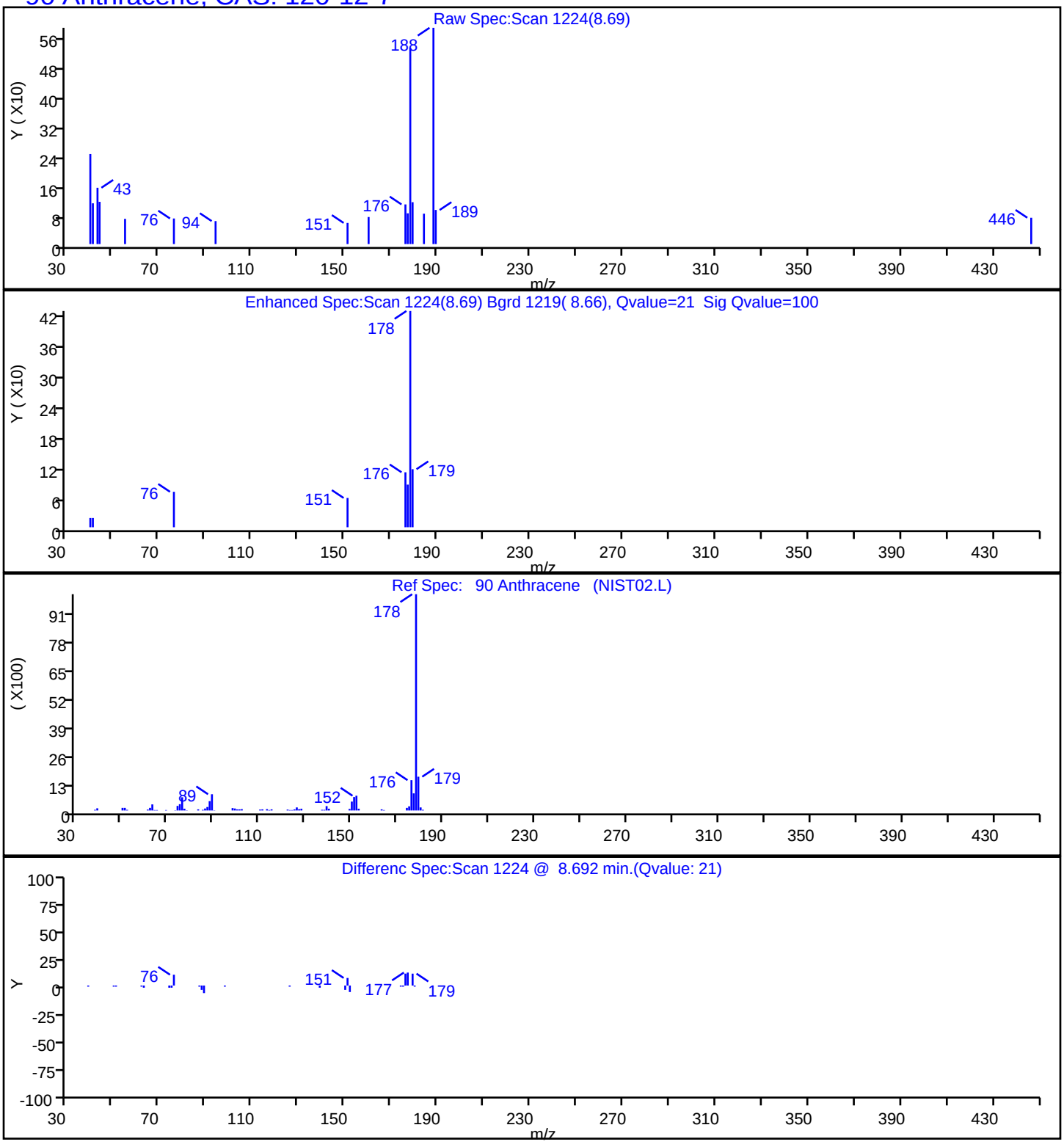
Report Date: 31-May-2022 16:39:54 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7



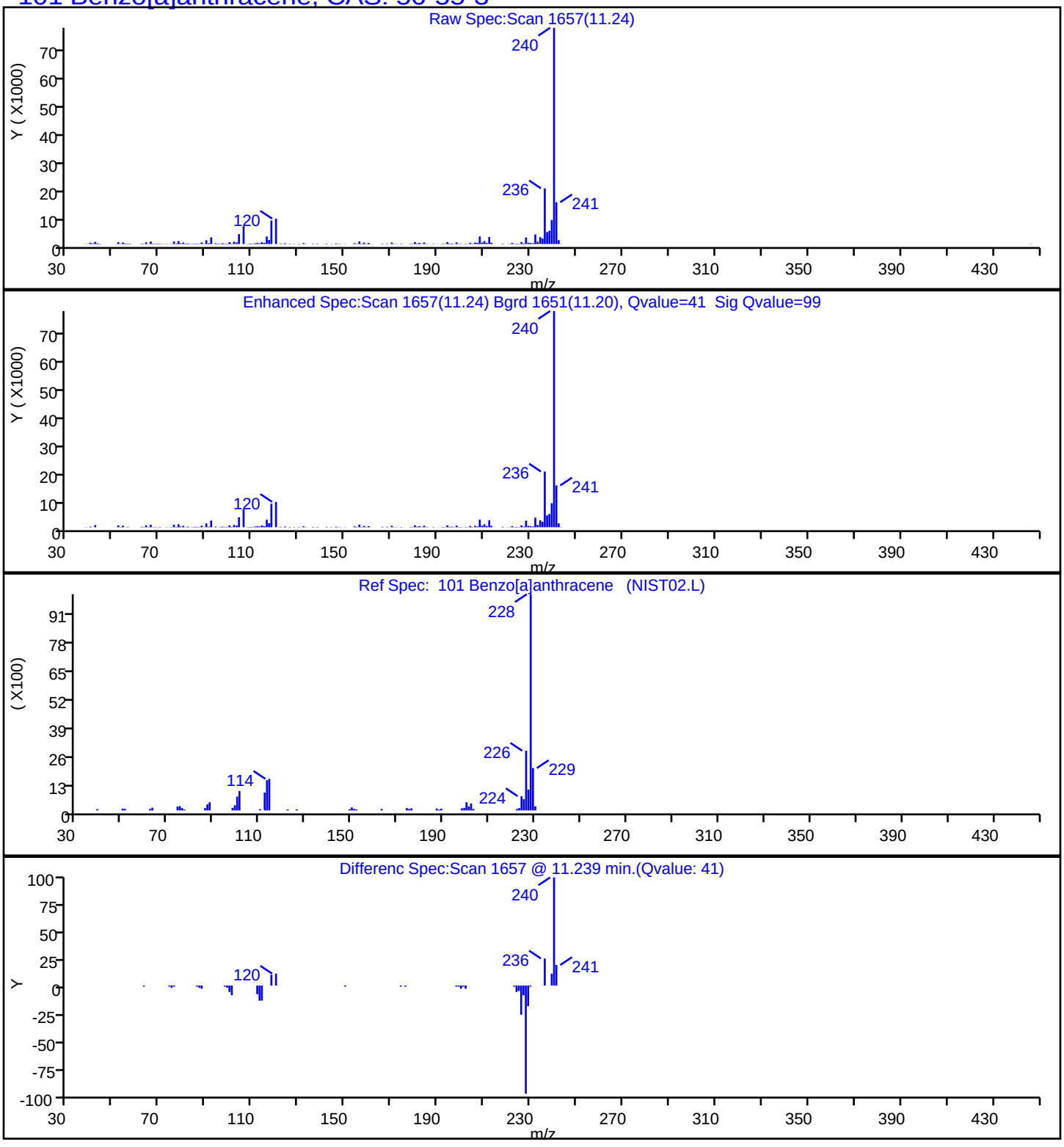
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3



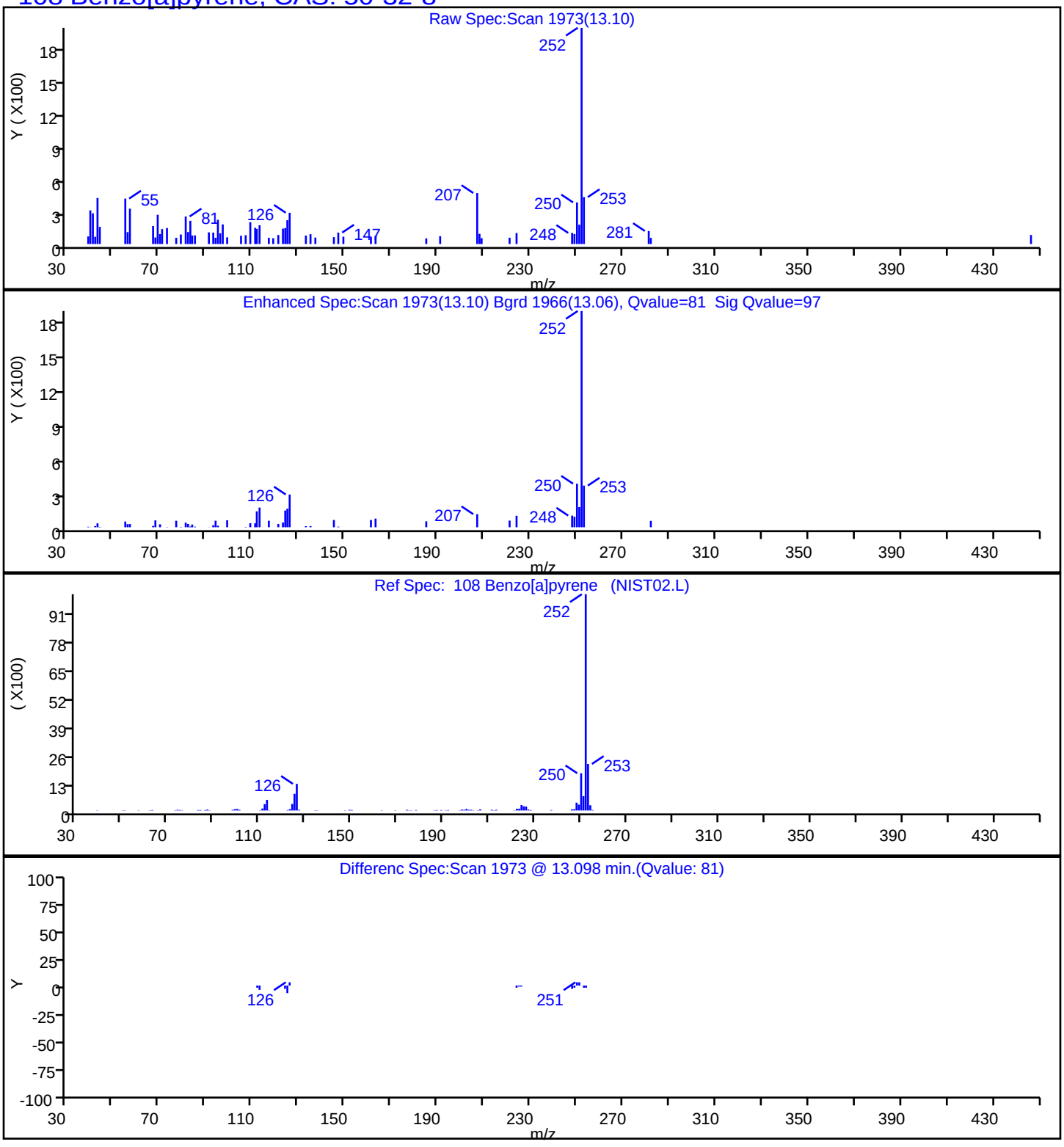
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8



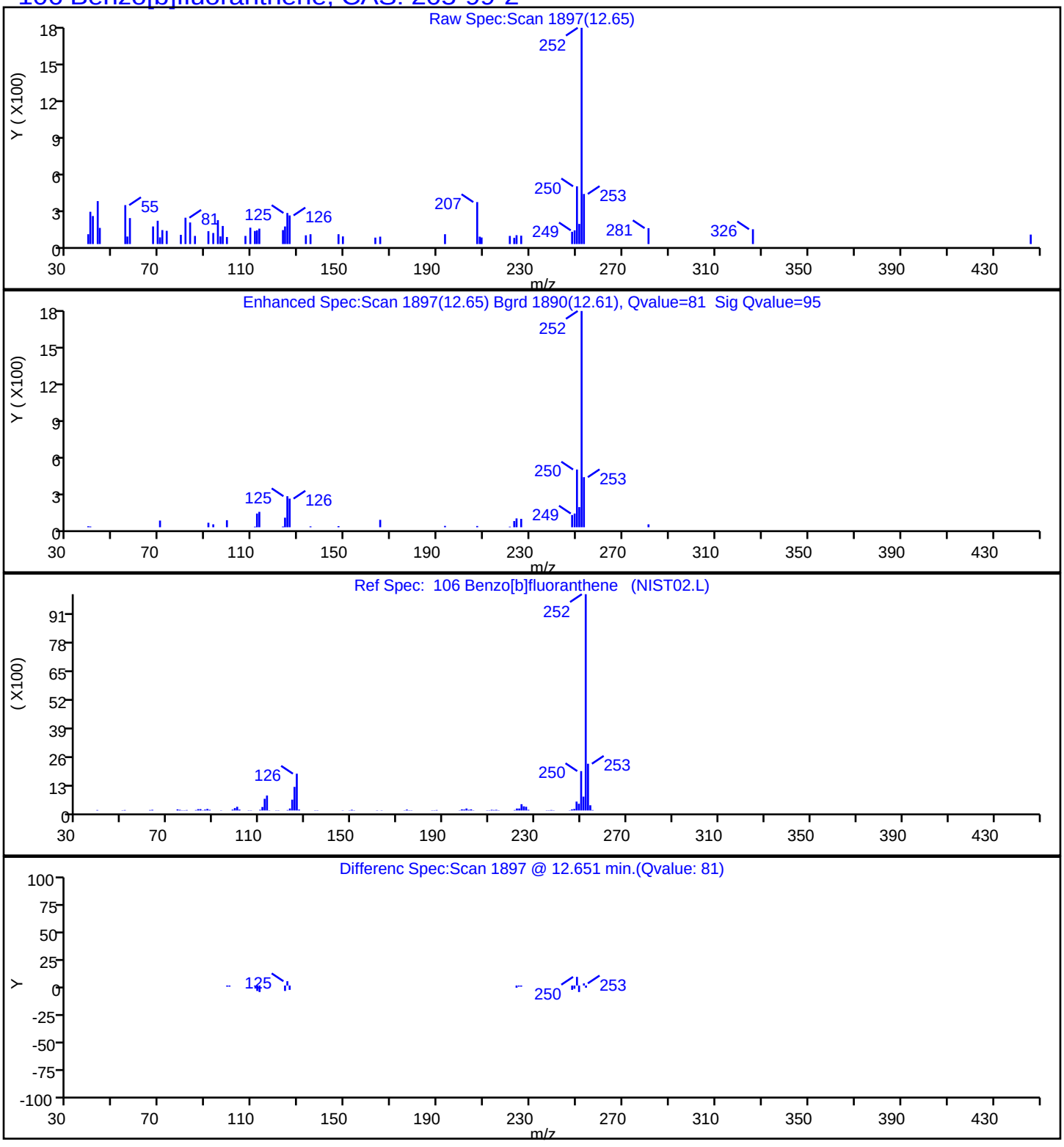
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2



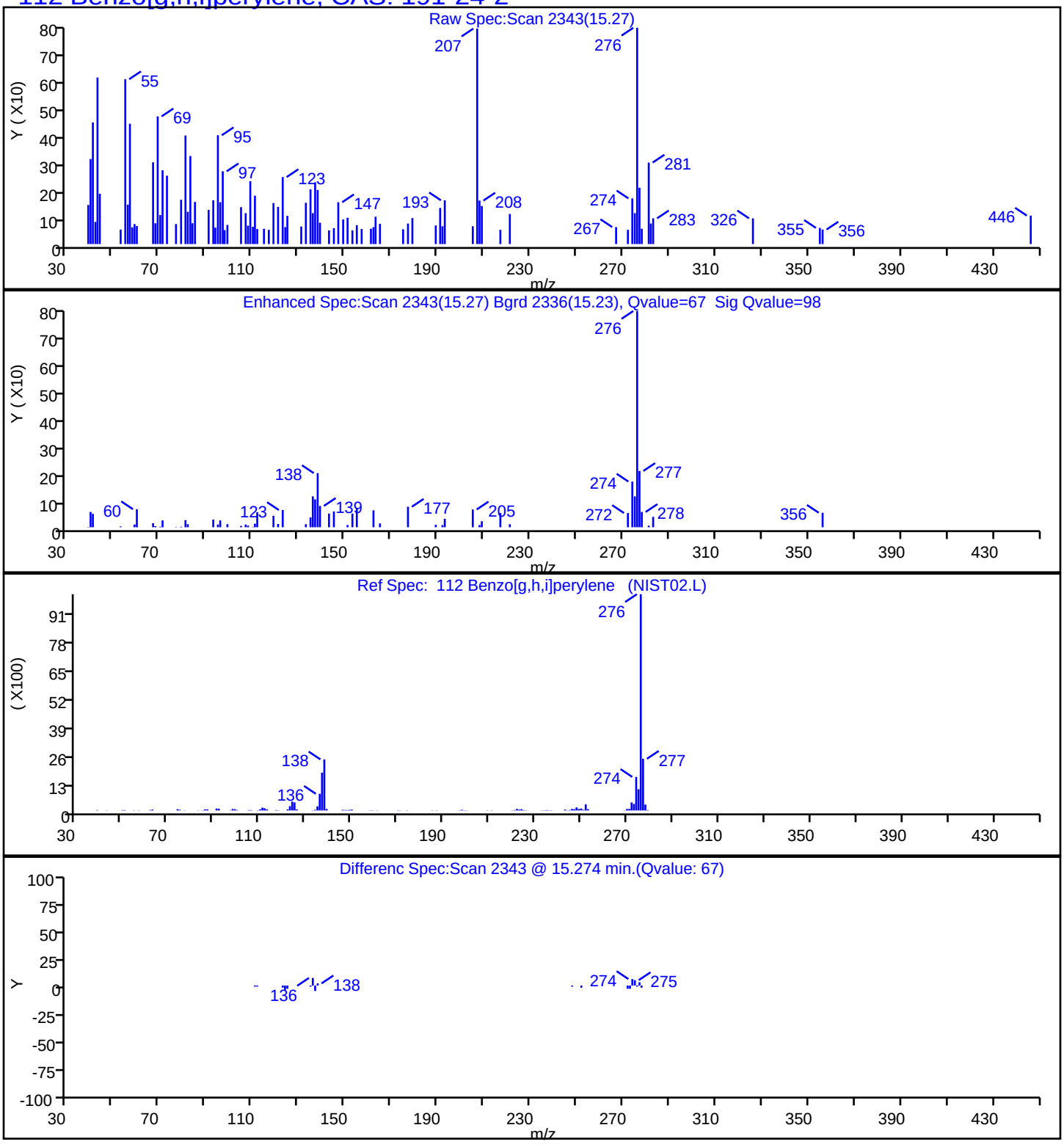
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



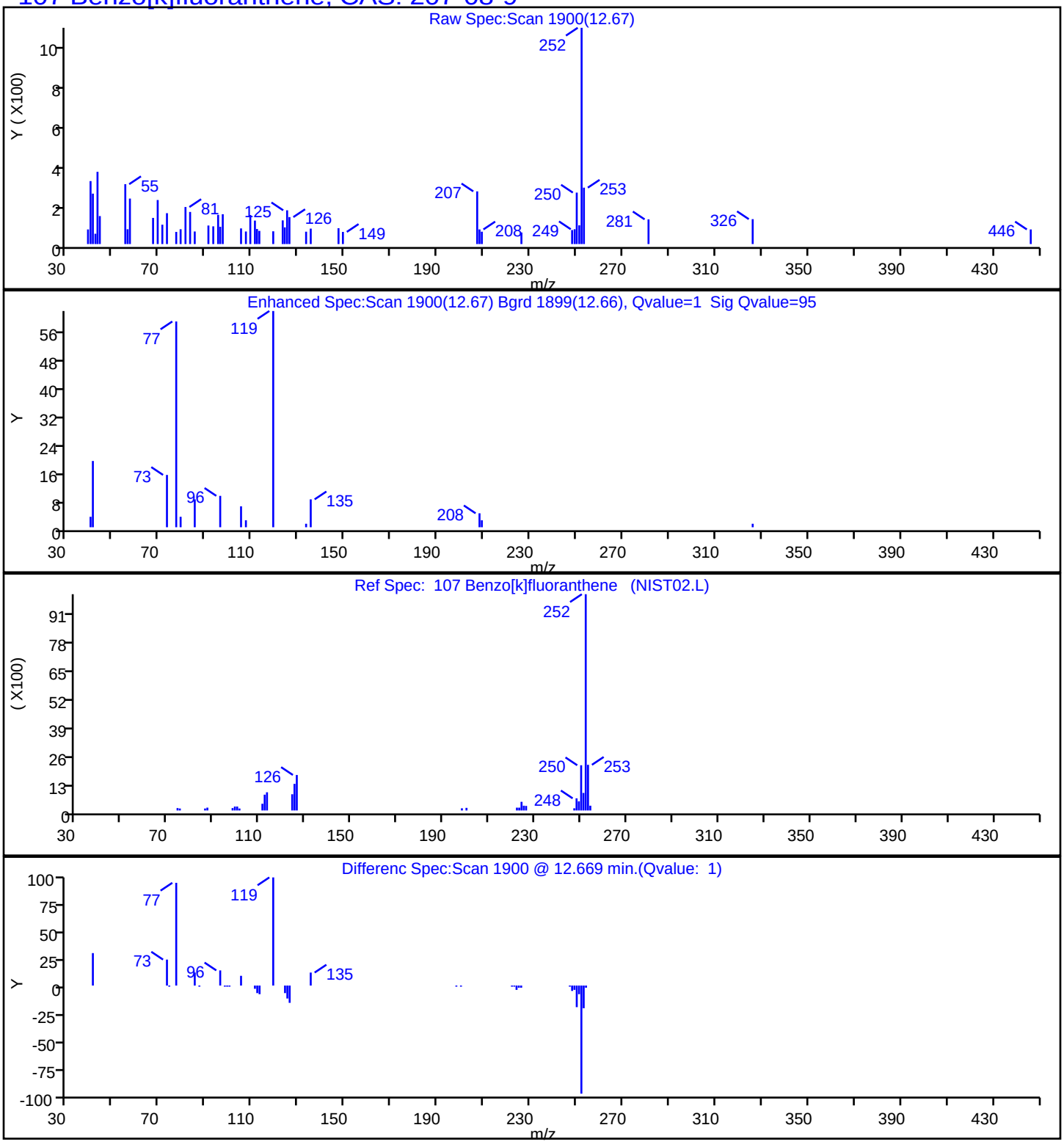
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9



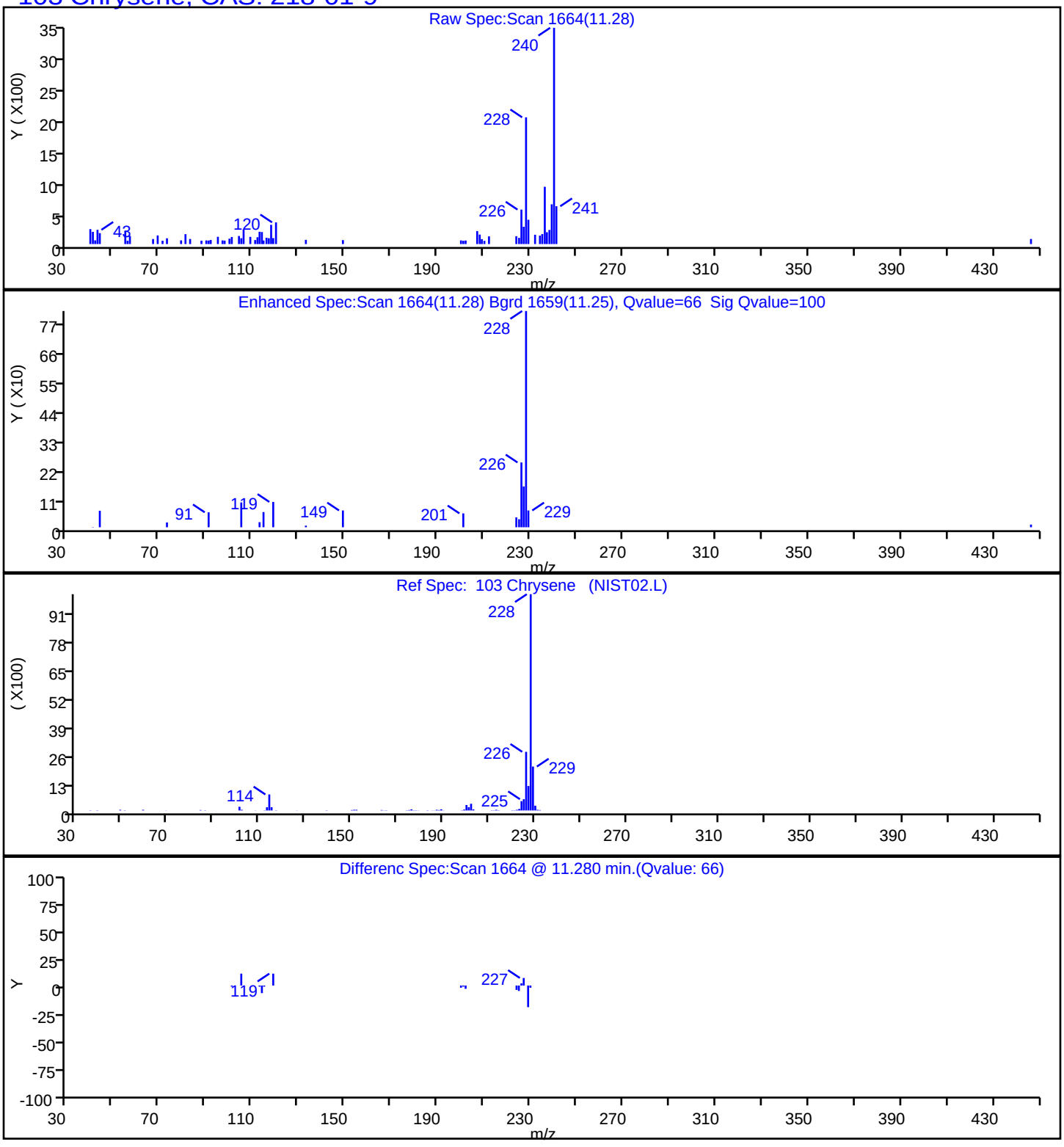
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9



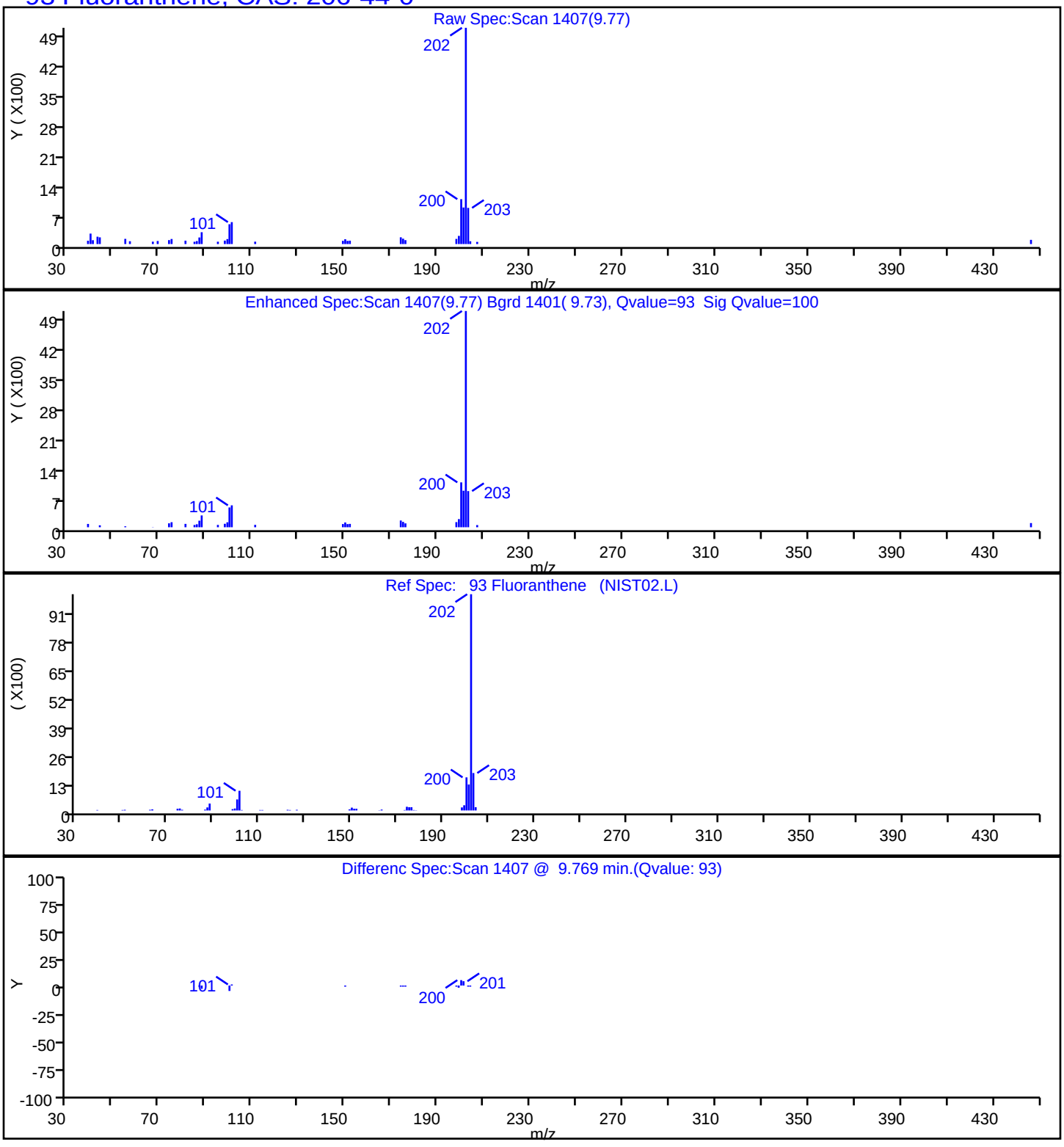
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Eurofins Edison

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Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0



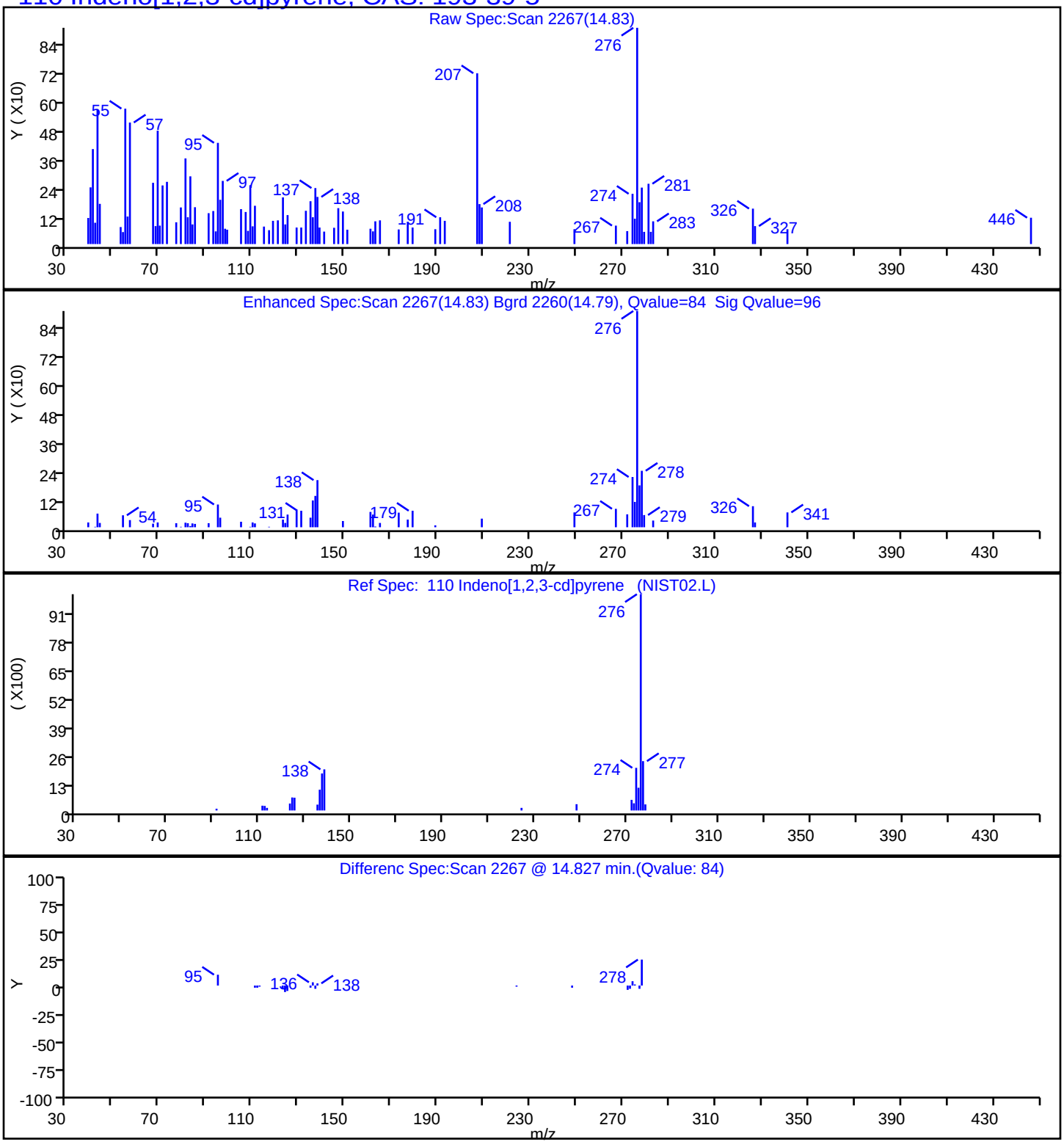
Report Date: 31-May-2022 16:39:55 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



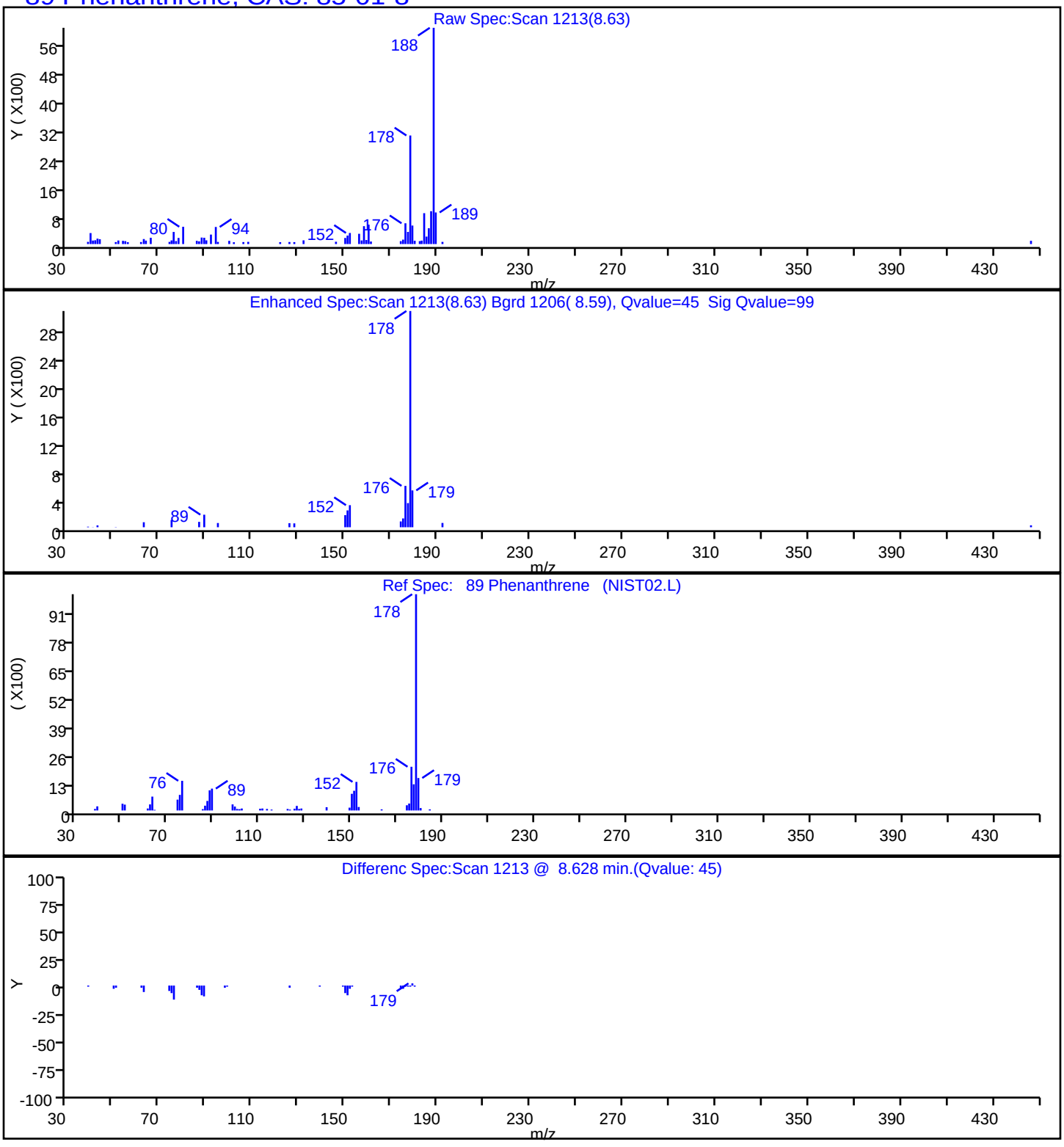
Report Date: 31-May-2022 16:39:54 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



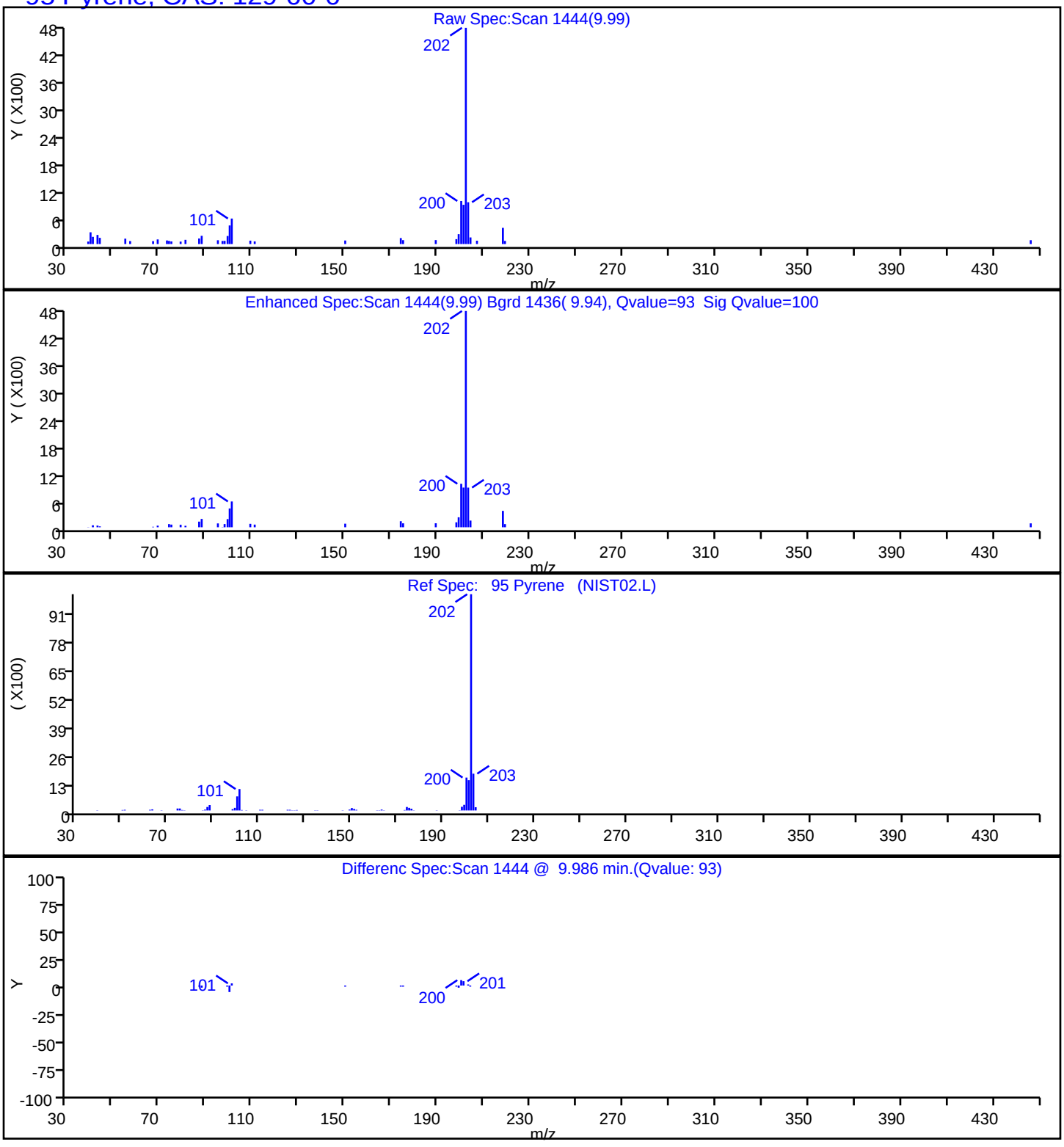
Report Date: 31-May-2022 16:39:54 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



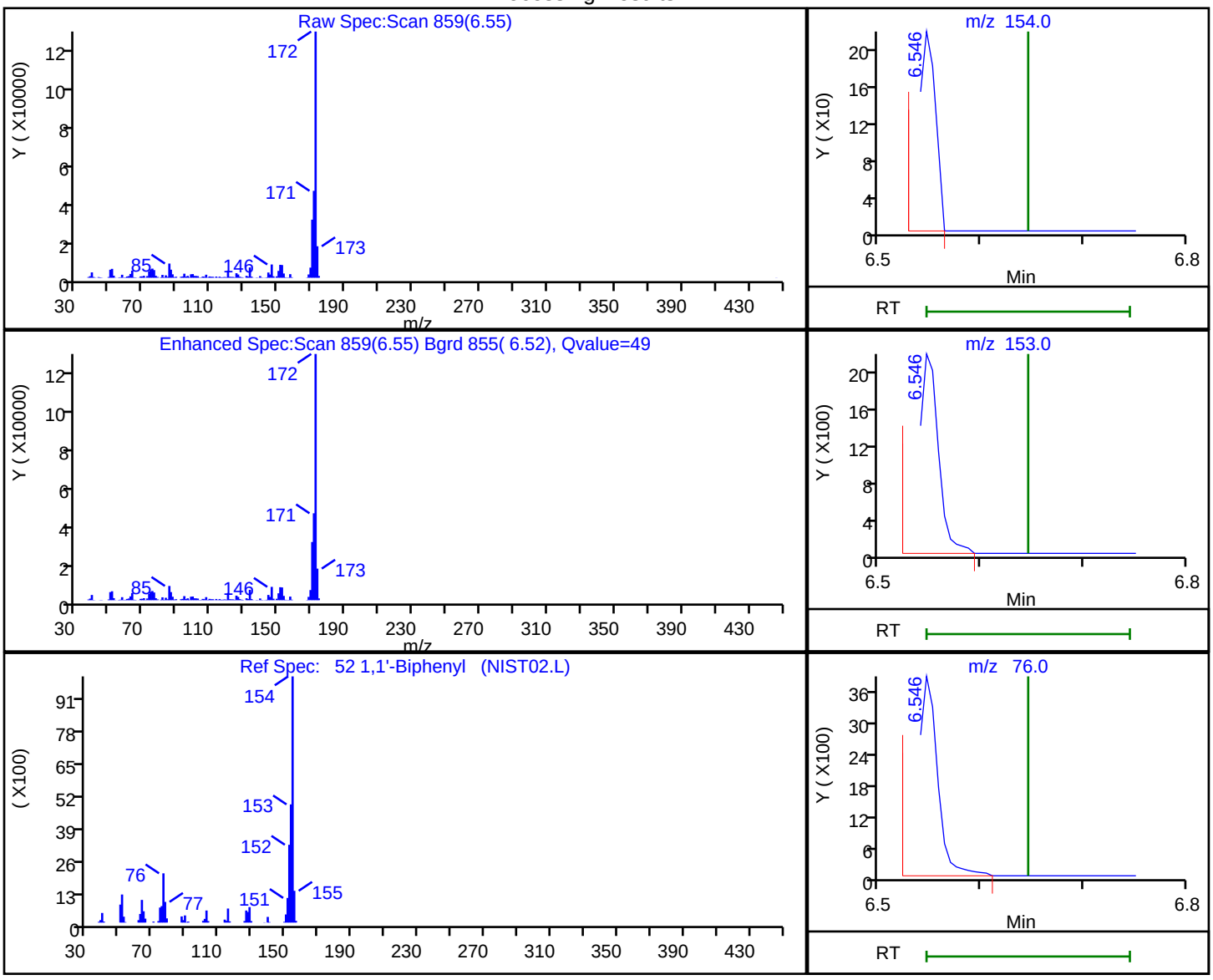
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d				
Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.55	154.00	243	0.063188
6.55	153.00	2782	
6.55	76.00	5065	

Reviewer: khlungprakhons, 30-May-2022 13:08:26

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

Manual Integration/User Assign Peak Report

Eurofins Edison

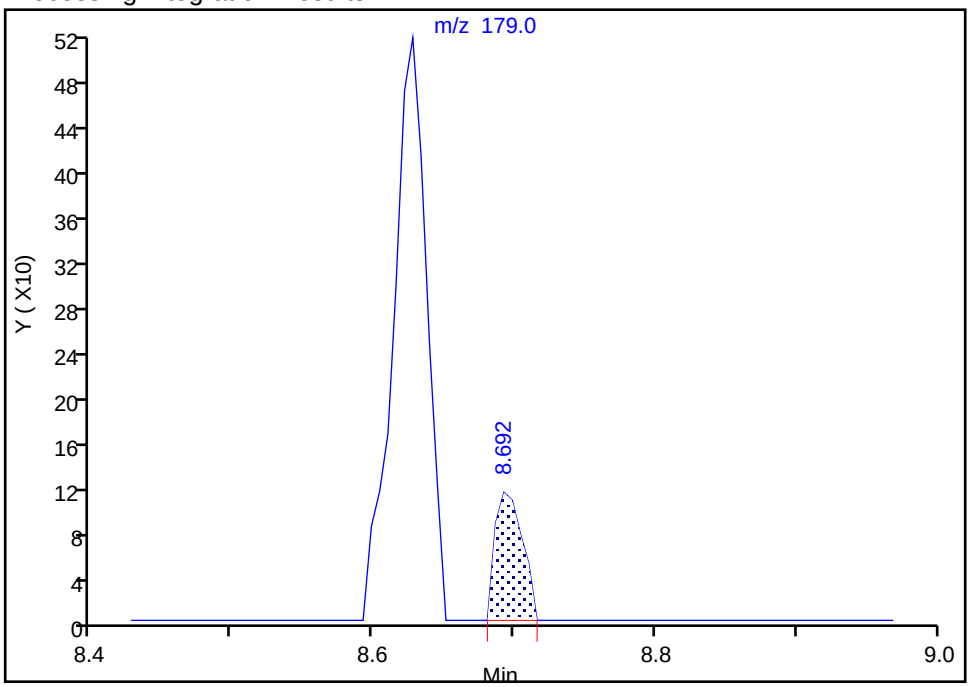
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d				
Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

Signal: 2

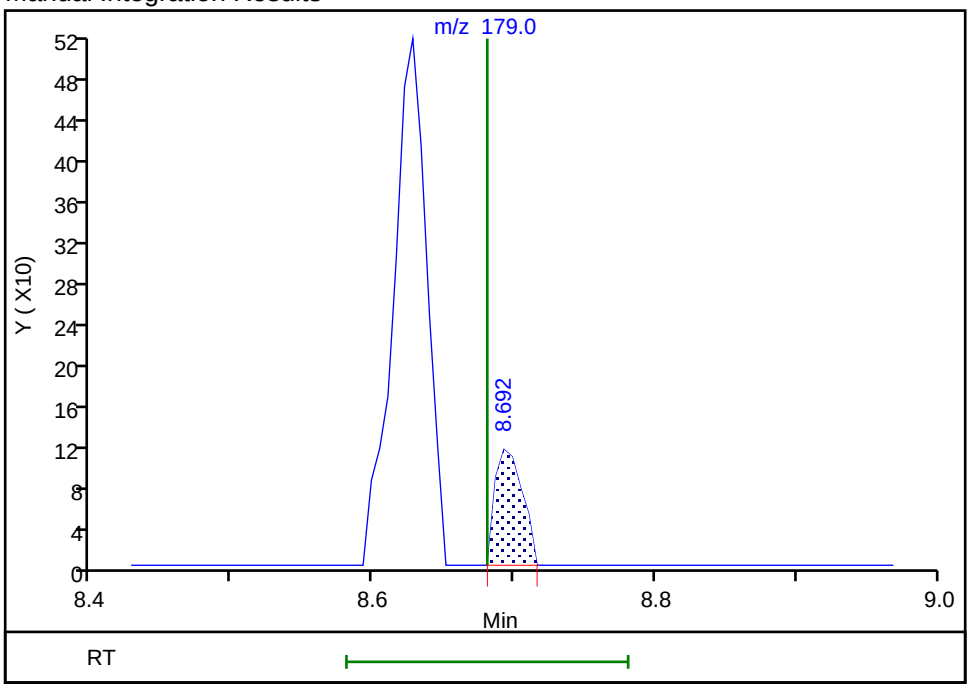
Processing Integration Results

RT: 8.69
Area: 152
Amount: 0.213924
Amount Units: ug/ml



Manual Integration Results

RT: 8.69
Area: 152
Amount: 0.213924
Amount Units: ug/ml



Reviewer: hamziy, 28-May-2022 17:56:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

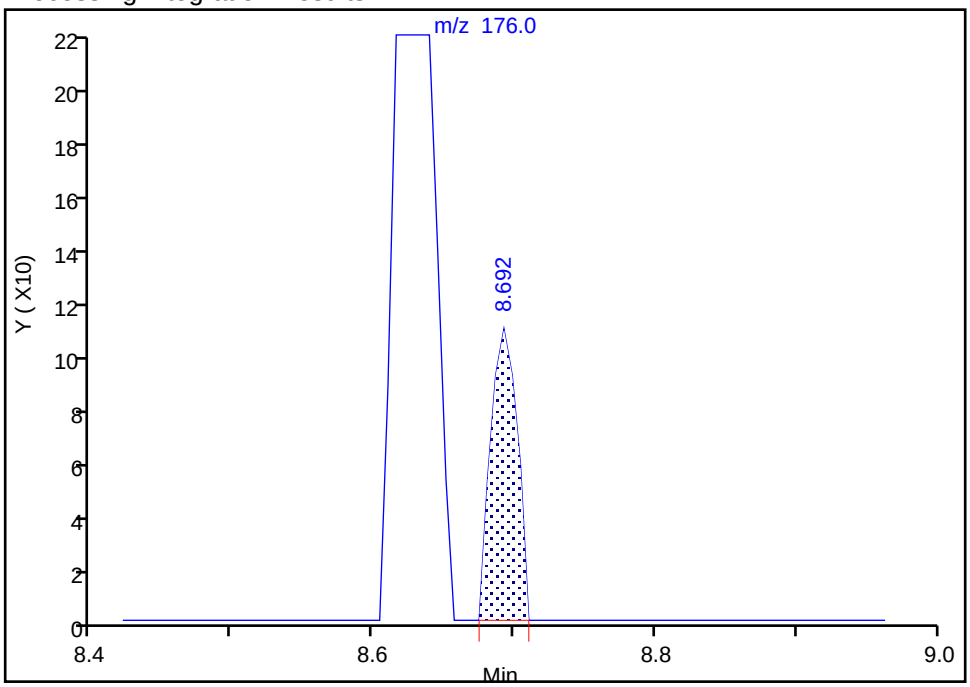
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Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

Signal: 3

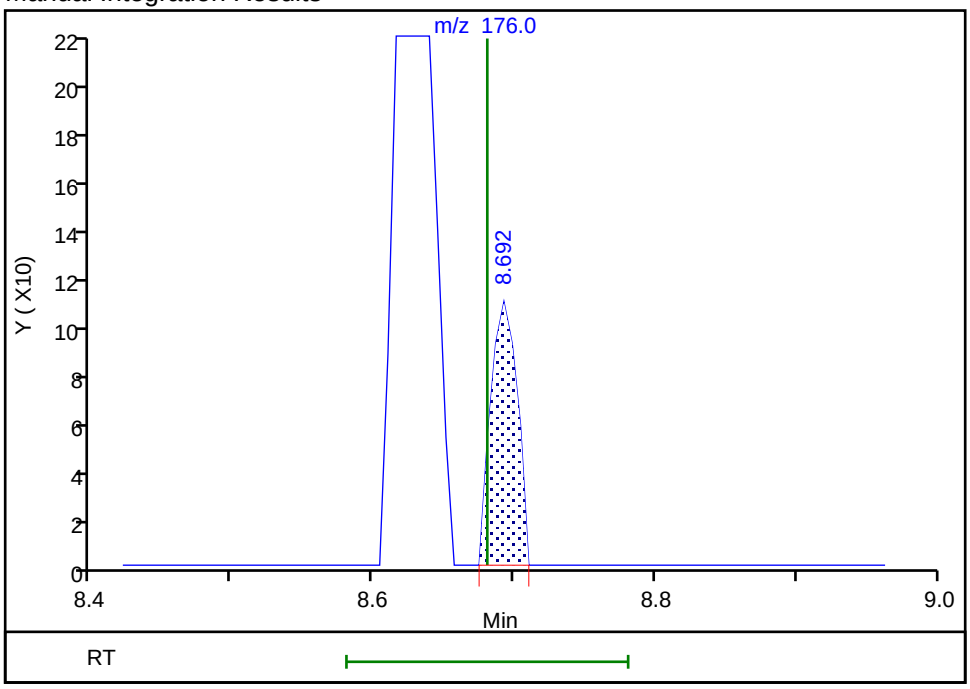
Processing Integration Results

RT: 8.69
Area: 139
Amount: 0.213924
Amount Units: ug/ml



Manual Integration Results

RT: 8.69
Area: 139
Amount: 0.213924
Amount Units: ug/ml



Reviewer: hamziy, 28-May-2022 17:56:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

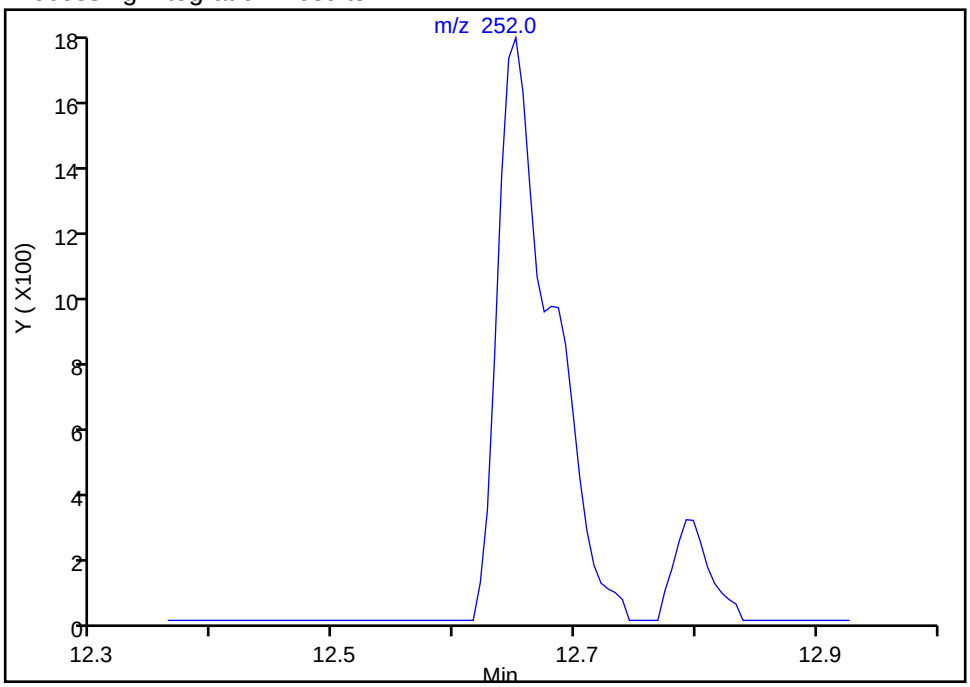
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d				
Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

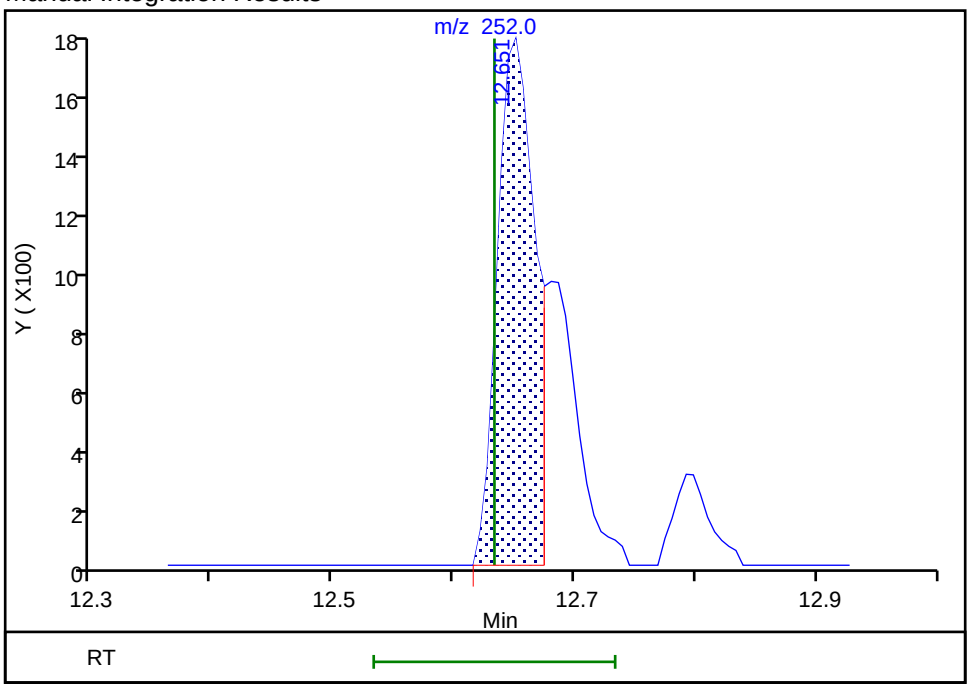
Not Detected
Expected RT: 12.63

Processing Integration Results



Manual Integration Results

RT: 12.65
Area: 3900
Amount: 0.794002
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-May-2022 13:08:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

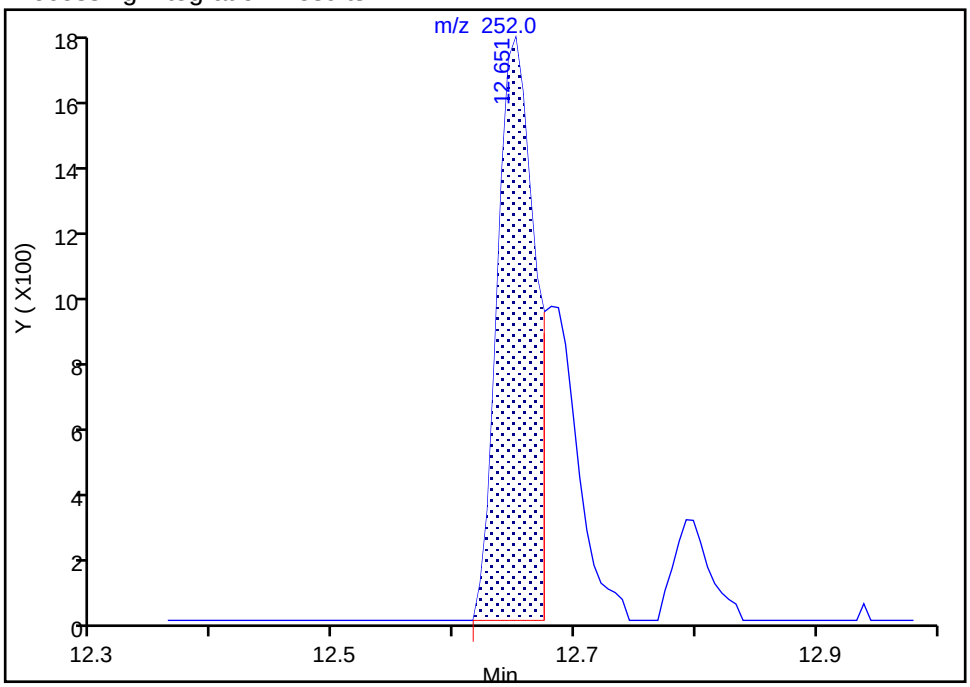
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d				
Injection Date:	28-May-2022 01:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-258917-A-2-A	Lab Sample ID:	460-258917-2		
Client ID:	UST-1-B				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

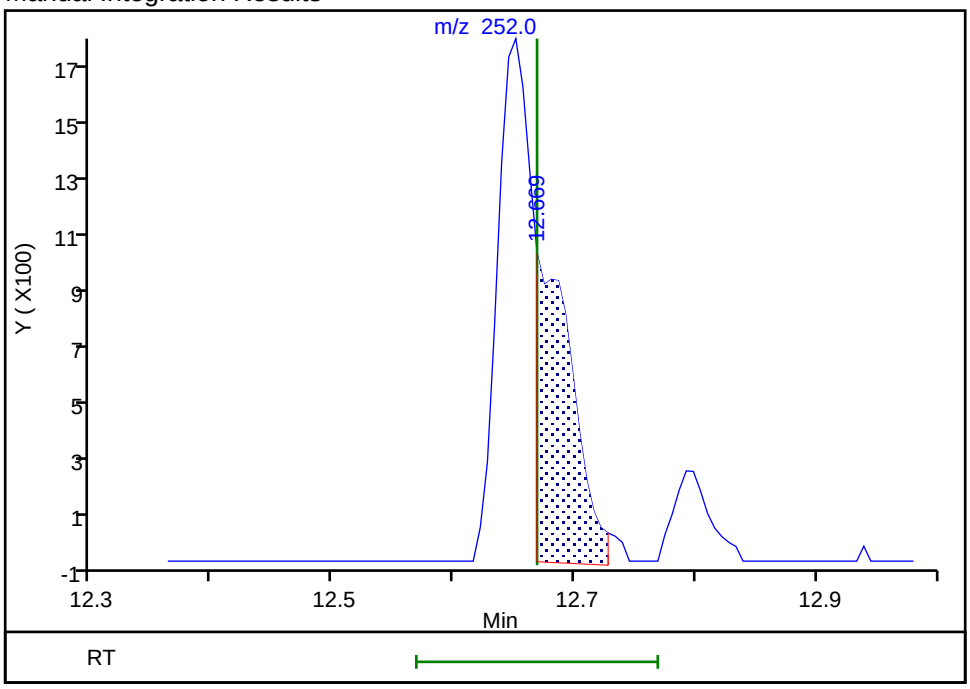
Processing Integration Results

RT: 12.65
Area: 3900
Amount: 0.774811
Amount Units: ug/ml



Manual Integration Results

RT: 12.67
Area: 2324
Amount: 0.461708
Amount Units: ug/ml



Reviewer: hamziy, 28-May-2022 17:56:18

Audit Action: Manually Integrated Audit Reason: Baseline

Report Date: 31-May-2022 16:39:55 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41862.d

Injection Date: 28-May-2022 01:27:30 Instrument ID: CBNAMS5

Lims ID: 460-258917-A-2-A Lab Sample ID: 460-258917-2

Client ID: UST-1-B

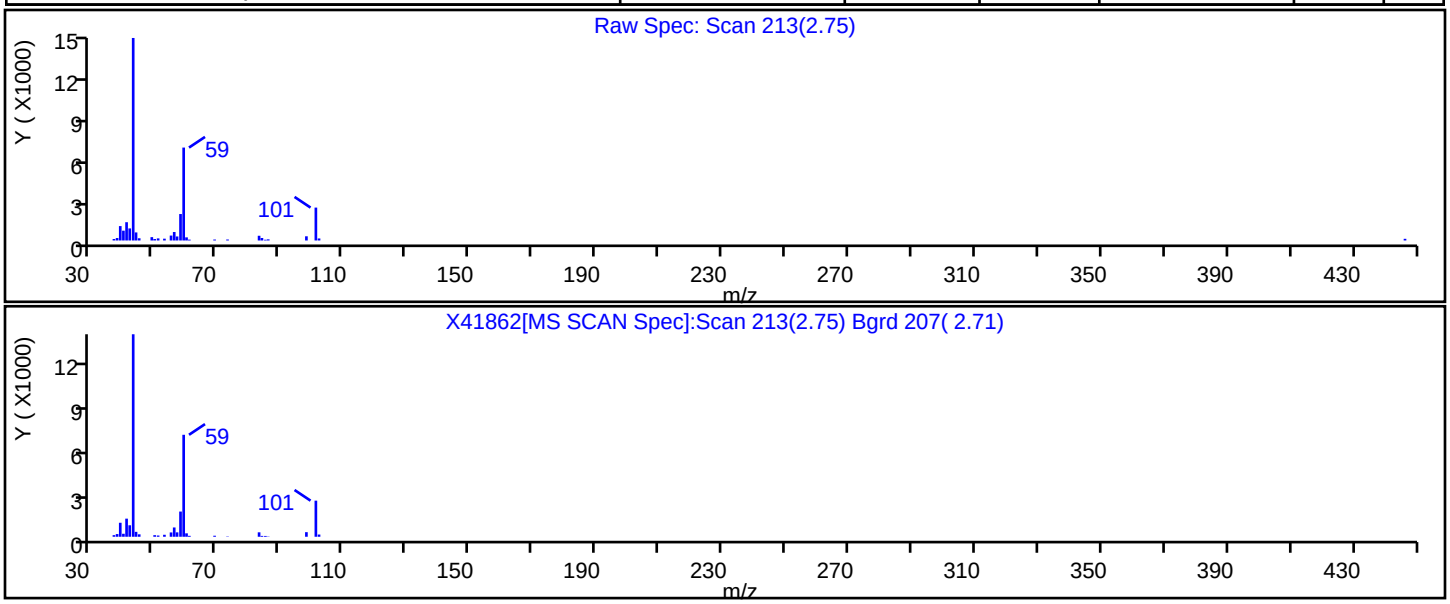
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836125/10	X40648.d
Level 2	STD1 460-836125/9	X40647.d
Level 3	STD2 460-836125/8	X40646.d
Level 4	STD5 460-836125/7	X40645.d
Level 5	STD10 460-836125/6	X40644.d
Level 6	STD20 460-836125/5	X40643.d
Level 7	ICIS 460-836125/2	X40640.d
Level 8	STD80 460-836125/4	X40642.d
Level 9	STD120 460-836125/3	X40641.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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5589 0.4724	0.4451 0.4865	0.4536 0.4736	0.4964 0.4639	0.4966	Ave		0.4830			0.0100	6.9		20.0			
N-Nitrosodimethylamine	0.7364	0.8051	0.8085	0.6695 0.7866	0.6993	Ave		0.7509			0.0100	7.8		20.0			
Pyridine	1.2326	0.8818 1.2531	1.0123 1.3107	1.1965 1.2636	1.2526	Ave		1.1754			0.0100	12.6		20.0			
Benzaldehyde	1.0961	1.2289 +++++	1.1334 +++++	1.1806 +++++	1.1174	Ave		1.1513			0.0100	4.6		20.0			
Phenol	1.6110	1.6646	1.6223	1.7291 1.5860	1.6971	Ave		1.6517			0.8000	3.3		20.0			
Aniline	1.9646	1.9784	1.9942	2.0082 1.9424	2.0076	Ave		1.9826			0.0100	1.3		20.0			
Bis(2-chloroethyl)ether	1.0008 1.2083	1.1408 1.2386	1.2222 1.1973	1.1870 1.1752	1.2378	Ave		1.1787			0.7000	6.2		20.0			
2-Chlorophenol	1.3912	1.4293	1.4097	1.4247 1.3541	1.4699	Ave		1.4132			0.8000	2.8		20.0			
n-Decane	1.9543	2.0206	1.9499	2.0583 1.9324	2.0443	Ave		1.9933			0.0100	2.7		20.0			
1,3-Dichlorobenzene	1.5102	1.5179	1.4937	1.5722 1.4466	1.5735	Ave		1.5190			0.0100	3.2		20.0			
1,4-Dichlorobenzene	1.5393	1.5098	1.5078	1.6012 1.4739	1.5869	Ave		1.5365			0.0100	3.2		20.0			
Benzyl alcohol	0.8486	0.8707	0.8625	0.8850 0.8357	0.8785	Ave		0.8635			0.0100	2.2		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4414	1.4556	1.4250	1.5381 1.3991	1.4838	Ave		1.4572			0.0100	3.3		20.0			
2-Methylphenol	1.1942	1.1923	1.1715	1.2001 1.1422	1.2224	Ave		1.1871			0.7000	2.3		20.0			
2,2'-oxybis[1-chloropropane]	2.4649	2.5714	2.4172	2.4601 2.4166	2.5060	Ave		2.4727			0.0100	2.4		20.0			
3 & 4 Methylphenol	1.3466	1.3538	1.2917	1.3811 1.2523	1.3592	Ave		1.3308			0.0100	3.6		20.0			
4-Methylphenol	1.3466	1.3538	1.2917	1.3811 1.2523	1.3592	Ave		1.3308			0.6000	3.6		20.0			
N-Methylaniline	2.1647	2.0168	2.0657	2.1205 2.0429	2.1062	Ave		2.0861			0.0100	2.6		20.0			
N-Nitrosodi-n-propylamine	0.8735 1.0315	0.9324 1.0349	0.9250 0.9975	1.0569 0.9797	1.0305	Ave		0.9846			0.5000	6.3		20.0			
Acetophenone	1.9409	1.8928	1.7986	1.9986 1.7332	1.9705	Ave		1.8891			0.0100	5.5		20.0			
Hexachloroethane	0.6028 0.5846	0.5769 0.5874	0.5420 0.5779	0.6107 0.5717	0.5737	Ave		0.5809			0.3000	3.4		20.0			
Nitrobenzene	0.6262 0.6508	0.6091 0.6590	0.6200 0.6396	0.6661 0.6089	0.6600	Ave		0.6378			0.2000	3.5		20.0			
n,n'-Dimethylaniline	2.1186 2.1267	2.0333 2.0839	1.9447 2.0327	2.0913 1.9896	2.0631	Ave		2.0538			0.0100	2.9		20.0			
Isophorone	0.6736	0.6806	0.6297 0.6641	0.6745 0.6530	0.6802	Ave		0.6651			0.4000	2.8		20.0			
2-Nitrophenol	0.1935	0.1998	0.1989	0.1934 0.1926	0.2054	Ave		0.1973			0.1000	2.5		20.0			
2,4-Dimethylphenol	0.3296	0.3249	0.2905	0.3525 0.2856	0.3483	Ave		0.3219			0.2000	8.8		20.0			
Benzoic acid	0.1873	0.2193	0.2162	0.0873 0.2206	0.1143	Lin2	-0.755	0.2234			0.0100				0.9910		0.9900
Bis(2-chloroethoxy)methane	0.3991	0.3966	0.3987	0.4149 0.3869	0.4005	Ave		0.3994			0.3000	2.3		20.0			
2,4-Dichlorophenol	0.2902	0.2924	0.2765 0.2970	0.2966 0.2876	0.2980	Ave		0.2912			0.2000	2.6		20.0			
1,2,4-Trichlorobenzene	0.3181 0.3150	0.3213 0.3286	0.3245 0.3143	0.3357 0.3039	0.3334	Ave		0.3217			0.0100	3.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0096	1.0120	1.0068	1.0844 0.9578	1.0781	Ave		1.0248			0.7000	4.7		20.0			
4-Chloroaniline	0.4438	0.4441	0.4388	0.4634 0.4187	0.4715	Ave		0.4467			0.0100	4.2		20.0			
2,6-Dichlorophenol	0.2910	0.2879	0.2816 0.2830	0.3026 0.2753	0.2880	Ave		0.2870				3.0		20.0			
Hexachlorobutadiene	0.1994	0.2191 0.2017	0.2043 0.2012	0.2109 0.1956	0.2050	Ave		0.2046			0.0100	3.6		20.0			
Caprolactam	0.0882	0.0561 0.0924	0.0703 0.0895	0.0793 0.0748	0.0790	Ave		0.0787			0.0100	15.1		20.0			
4-Chloro-3-methylphenol	0.2826	0.2909	0.2897	0.2956 0.2817	0.2977	Ave		0.2897			0.2000	2.3		20.0			
2-Methylnaphthalene	0.6883	0.6786	0.6730	0.7334 0.6447	0.7154	Ave		0.6889			0.4000	4.6		20.0			
1-Methylnaphthalene	0.6277	0.6420	0.6107	0.6536 0.5928	0.6548	Ave		0.6303			0.0100	3.9		20.0			
Hexachlorocyclopentadiene	0.4883	0.5283	0.5091	0.5073 0.4861	0.5193	Ave		0.5064			0.0500	3.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.6322	0.6754	0.6247	0.6445 0.6021	0.6571	Ave		0.6393			0.0100	4.0		20.0			
2-tertbutyl-4-methylphenol	0.4258	0.4284	0.4305	0.4221 0.4158	0.4166	Ave		0.4232			0.0100	1.4		20.0			
2,4,6-Trichlorophenol	0.4207	0.4734	0.3967 0.4128	0.4409 0.3925	0.4462	Ave		0.4262			0.2000	6.8		20.0			
2,4,5-Trichlorophenol	0.4524	0.4684	0.4731	0.4491 0.4529	0.4660	Ave		0.4603			0.2000	2.2		20.0			
1,1'-Biphenyl	1.4939	1.5688	1.4495	1.5298 1.3951	1.5683	Ave		1.5009			0.0100	4.6		20.0			
2-Chloronaphthalene	1.1927	1.2527	1.1335	1.2120 1.0649	1.2084	Ave		1.1773			0.8000	5.7		20.0			
Phenyl ether	0.8492	0.8375	0.8372	0.8299 0.8069	0.7946	Ave		0.8259			0.0100	2.5		20.0			
2-Nitroaniline	0.4767	0.5022	0.4664	0.4754 0.4555	0.4625	Ave		0.4731			0.0100	3.4		20.0			
1,3-Dimethylnaphthalene	0.9484	1.0045	0.9097	0.9334 0.8919	0.9223	Ave		0.9350			0.0100	4.2		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.3266	1.3936	1.2752	1.3877 1.2260	1.3511	Ave		1.3267			0.0100	5.0		20.0			
Coumarin	0.2535	0.2497	0.2442	0.2648 0.2442	0.2486	Ave		0.2508			0.0100	3.1		20.0			
2,6-Dinitrotoluene	0.2969	0.2825 0.3141	0.2654 0.2937	0.3014 0.2802	0.3138	Ave		0.2935			0.2000	5.8		20.0			
Acenaphthylene	1.9150	1.8782	1.8513	1.9921 1.7739	2.0065	Ave		1.9028			0.9000	4.6		20.0			
3-Nitroaniline	0.3466	0.3665	0.3373	0.3515 0.3261	0.3559	Ave		0.3473			0.0100	4.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0841	1.0975	1.0562	1.0640 1.0374	1.0459	Ave		1.0642			0.0100	2.2		20.0			
Acenaphthene	1.2244	1.3162	1.2462	1.2565 1.0155	1.2754	Ave		1.2224			0.9000	8.7		20.0			
2,4-Dinitrophenol	0.1847	0.2005	0.0678 0.2052	0.1346 0.1985	0.1572	Lin2	-0.5500	0.1990			0.0100				0.9970		0.9900
4-Nitrophenol	0.2525	0.2677	0.2666	0.2331 0.2603	0.2456	Ave		0.2543			0.0100	5.3		20.0			
2,4-Dinitrotoluene	0.4105	0.3705 0.4294	0.3869 0.3951	0.3985 0.3861	0.4183	Ave		0.3994			0.2000	4.8		20.0			
Dibenzofuran	1.6134	1.6870	1.5593	1.7284 1.4775	1.6985	Ave		1.6273			0.8000	5.9		20.0			
2,3,4,6-Tetrachlorophenol	0.3731	0.4088	0.3752	0.3792 0.3706	0.3856	Ave		0.3821			0.0100	3.7		20.0			
Diethyl phthalate	1.3475	1.3962	1.2954	1.4002 1.2378	1.3954	Ave		1.3454			0.0100	4.9		20.0			
4-Chlorophenyl phenyl ether	0.6465	0.6700	0.6128	0.6738 0.5811	0.6662	Ave		0.6417			0.4000	5.8		20.0			
Fluorene	1.3171	1.3582	1.2555	1.3464 1.1976	1.3374	Ave		1.3021			0.9000	4.8		20.0			
4-Nitroaniline	0.3483	0.3742	0.3443	0.3394 0.3337	0.3524	Ave		0.3487			0.0100	4.0		20.0			
4,6-Dinitro-2-methylphenol	0.1298	0.1394	0.1002 0.1360	0.1235 0.1281	0.1292	Ave		0.1266			0.0100	10.1		20.0			
N-Nitrosodiphenylamine	0.5062	0.5200	0.5071	0.5431 0.4767	0.5119	Ave		0.5108			0.0100	4.2		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.7018	0.7550	0.7196	0.7029 0.6776	0.7201	Ave		0.7128			0.0100	3.6		20.0			
4-Bromophenyl phenyl ether	0.2174	0.2345	0.2250	0.2227 0.2163	0.2277	Ave		0.2239			0.1000	3.0		20.0			
Hexachlorobenzene	0.2794 0.2848	0.2977 0.3060	0.2782 0.3020	0.3009 0.2863	0.3029	Ave		0.2931			0.1000	3.7		20.0			
Atrazine	0.2060	0.2059 0.2263	0.1977 0.2159	0.2007 0.2053	0.1901	Ave		0.2060			0.0100	5.4		20.0			
Pentachlorophenol	0.1775	0.1924	0.1472 0.1847	0.1747 0.1792	0.1818	Ave		0.1768			0.0500	8.1		20.0			
Pentachloronitrobenzene	0.1129	0.1173	0.1156	0.1152 0.1116	0.1040	Ave		0.1128			0.0100	4.2		20.0			
n-Octadecane	0.5138	0.5436	0.5082	0.5160 0.4827	0.5024	Ave		0.5111			0.0100	3.9		20.0			
Phenanthrene	1.0277	1.0716	1.0180	1.1081 0.9517	1.0673	Ave		1.0407			0.7000	5.2		20.0			
Anthracene	1.0448	1.0939	1.0505	1.1002 0.9876	1.1058	Ave		1.0638			0.7000	4.3		20.0			
Carbazole	0.9487	0.9944	0.9760	1.0358 0.9085	1.0004	Ave		0.9773			0.0100	4.5		20.0			
Di-n-butyl phthalate	1.2103	1.2613	1.2004	1.2069 1.1303	1.2364	Ave		1.2076			0.0100	3.7		20.0			
Fluoranthene	1.1215	1.2039	1.1476	1.2084 1.0934	1.1989	Ave		1.1623			0.6000	4.2		20.0			
Benzidine	0.6745	0.7348	0.7162	0.7003 0.6907	0.6848	Ave		0.7002			0.0100	3.2		20.0			
Pyrene	1.2105	1.3149	1.2245	1.2470 1.1468	1.2601	Ave		1.2340			0.6000	4.5		20.0			
Bisphenol-A	0.5939	0.6751	0.6066	0.5688 0.6084	0.5979	Ave		0.6085				5.9		20.0			
Butyl benzyl phthalate	0.5148	0.5787	0.5317	0.4895 0.5069	0.5080	Ave		0.5216			0.0100	6.0		20.0			
2,3,7,8-TCDD		0.2141				Ave		0.2141			0.0100			20.0			
Carbamazepine	0.4720	0.5435	0.5333	0.3809 0.5258	0.4285	Ave		0.4807			0.0100	13.6		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4669	0.5511	0.4217 0.4747	0.4458 0.4529	0.4599	Ave		0.4676			0.0100	8.7		20.0			
Benzo[a]anthracene	1.3712 1.1671	1.2654 1.2697	1.1983 1.1825	1.2132 1.1334	1.2558	Ave		1.2285			0.8000	5.8		20.0			
Chrysene	1.1602	1.1929	1.0870	1.1930 1.0209	1.2047	Ave		1.1431			0.7000	6.4		20.0			
Bis(2-ethylhexyl) phthalate	0.7619	0.8439	0.7788	0.7318 0.7267	0.7664	Ave		0.7683			0.0100	5.5		20.0			
Di-n-octyl phthalate	1.1375	1.2639	1.1625	1.0447 1.1499	1.1268	Ave		1.1476			0.0100	6.1		20.0			
Benzo[b]fluoranthene	1.0307 1.1262	1.0716 1.1533	1.0557 1.1350	1.1413 1.0986	1.1210	Ave		1.1037			0.7000	3.8		20.0			
Benzo[k]fluoranthene	1.1352 1.0925	1.1447 1.2418	1.0154 1.1462	1.1383 1.1179	1.1474	Ave		1.1311			0.7000	5.2		20.0			
Benzo[a]pyrene	0.9662 1.0804	1.0500 1.1579	0.9997 1.0915	1.0574 1.0665	1.0805	Ave		1.0611			0.7000	5.2		20.0			
Indeno[1,2,3-cd]pyrene	0.9711 1.0657	0.9281 1.2278	0.9519 1.1231	1.0402 1.0979	1.0426	Ave		1.0498			0.5000	8.9		20.0			
Dibenz(a,h)anthracene	0.9685 1.1450	1.0621 1.2170	1.0126 1.1728	1.1113 1.1537	1.1441	Ave		1.1097			0.4000	7.2		20.0			
Benzo[g,h,i]perylene	1.1355	1.2529	1.1771	1.1491 1.1541	1.1566	Ave		1.1709			0.5000	3.6		20.0			
2-Fluorophenol (Surr)	1.3678	1.4442 1.3408	1.5732 1.3743	1.3448 1.3391	1.2596	Ave		1.3805			0.0100	6.7		20.0			
Phenol-d5 (Surr)	1.5392 1.6752	1.6932 1.6643	1.8436 1.6372	1.5799 1.6162	1.5182	Ave		1.6408			0.0100	5.9		20.0			
Nitrobenzene-d5 (Surr)	0.4346 0.4052	0.4192 0.4067	0.4896 0.4047	0.4012 0.3932	0.3830	Ave		0.4153			0.0100	7.6		20.0			
2-Fluorobiphenyl	1.7494 1.4784	1.6138 1.4933	1.8448 1.4070	1.5126 1.3612	1.3863	Ave		1.5385			0.0100	10.8		20.0			
2,4,6-Tribromophenol (Surr)	0.3369	0.3539 0.3482	0.3761 0.3379	0.3218 0.3341	0.3015	Ave		0.3388			0.0100	6.5		20.0			
Terphenyl-d14 (Surr)	1.1430 1.0674	1.1842 1.1003	1.2746 1.0461	1.0403 1.0085	0.9885	Ave		1.0948			0.0100	8.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836125/10	X40648.d
Level 2	STD1 460-836125/9	X40647.d
Level 3	STD2 460-836125/8	X40646.d
Level 4	STD5 460-836125/7	X40645.d
Level 5	STD10 460-836125/6	X40644.d
Level 6	STD20 460-836125/5	X40643.d
Level 7	ICIS 460-836125/2	X40640.d
Level 8	STD80 460-836125/4	X40642.d
Level 9	STD120 460-836125/3	X40641.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	382	581	1221	3502	6521	0.500	1.00	2.00	5.00	10.0
			12603	32039	51698	74878		20.0	50.0	80.0	120	
N-Nitrosodimethylamine	DCBd 4	Ave				4724	9182				5.00	10.0
			19644	53027	88252	126985		20.0	50.0	80.0	120	
Pyridine	DCBd 4	Ave		2302	5450	16884	32897		2.00	4.00	10.0	20.0
			65763	165064	286134	407971		40.0	100	160	240	
Benzaldehyde	DCBd 4	Ave		1604	3051	8330	14673		1.00	2.00	5.00	10.0
			23393	+++++	+++++	+++++		16.0	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				12200	22284				5.00	10.0
			42977	109633	177079	256030		20.0	50.0	80.0	120	
Aniline	DCBd 4	Ave				14169	26362				5.00	10.0
			52410	130301	217670	313548		20.0	50.0	80.0	120	
Bis(2-chloroethyl)ether	DCBd 4	Ave	684	1489	3290	8375	16253	0.500	1.00	2.00	5.00	10.0
			32234	81576	130687	189712		20.0	50.0	80.0	120	
2-Chlorophenol	DCBd 4	Ave				10052	19301				5.00	10.0
			37114	94134	153872	218593		20.0	50.0	80.0	120	

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	52135	133077	212833	14522 311945	26844	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	40288	99974	163037	11093 233513	20662	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	41065	99439	164583	11297 237931	20838	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	22639	57346	94145	6244 134897	11535	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	38454	95867	155543	10852 225855	19484	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	31859	78526	127872	8467 184387	16051	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	65758	169358	263843	17357 390111	32906	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	35923	89164	140995	9744 202156	17847	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	35923	89164	140995	9744 202156	17847	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	57749	132829	225475	14961 329778	27656	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	597 27517	1217 68161	2490 108874	7457 158156	13531	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	51779	124664	196325	14101 279782	25875	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	412 15597	753 38684	1459 63078	4309 92292	7533	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	428 17363	795 43403	1669 69819	4700 98287	8666	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	1448 56735	2654 137249	5235 221878	14755 321175	27090	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	68603	171498	6415 271094	18049 396220	33631	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	19707	50340	81179	5176 116869	10154	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	33571	81883	118571	9432 173285	17220	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	19079	55259	88260	2336 133878	5649	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	40648	99937	162757	11102 234748	19803	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	29559	73695	2817 121230	7938 174491	14735	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	806 32078	1593 82796	3306 128300	8984 184427	16485	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	102830	255018	411017	29018 581180	53303	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	45203	111906	179134	12400 254056	23313	20.0	50.0	80.0	5.00 120	10.0
2,6-Dichlorophenol	NPT	Ave	29637	72546	2869 115512	8098 167033	14238	20.0	50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	20304	1086 50815	2081 82156	5644 118680	10136	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	7187	278 9312	716 10966	2121 12098	3904	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	28783	73315	118277	7910 170938	14717	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave				19626	35368				5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			70100	170999	274746	391206		20.0	50.0	80.0	120	
1-Methylnaphthalene	NPT	Ave	63928	161780	249291	17491 359681	32376	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	27185	68541	113140	7602 162884	13945	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	35200	87621	138836	9658 201726	17647	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	43370	107959	175758	11295 252326	20596	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	23422	61409	2217 91739	6607 131524	11982	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	25189	60771	105148	6730 151751	12515	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	83174	203520	322145	22925 467445	42116	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	66401	162512	251909	18162 356795	32451	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	47278	108656	186072	12436 270373	21339	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	26540	65146	103654	7124 152611	12420	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	52802	130317	202165	13988 298830	24769	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	73859	180789	283411	20795 410779	36284	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	25818	62933	99710	7085 148149	12293	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	16532	783 40753	1483 65262	4516 93886	8426	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	106618	243657	411429	29852 594351	53885	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	19295	47551	74955	5268 109272	9559	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	60354	142374	234741	15945 347573	28087	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave				18830	34250				5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			68168	170746	276965	340238		20.0	50.0	80.0	120	
2,4-Dinitrophenol	ANT	Lin2			758	4033	8445			4.00	10.0	20.0
			20568	52021	91193	133007		40.0	100	160	240	
4-Nitrophenol	ANT	Ave				6987	13192				10.0	20.0
			28115	69453	118481	174425		40.0	100	160	240	
2,4-Dinitrotoluene	ANT	Ave		1027	2162	5971	11234		1.00	2.00	5.00	10.0
			22852	55706	87798	129372		20.0	50.0	80.0	120	
Dibenzofuran	ANT	Ave				25901	45613				5.00	10.0
			89823	218863	346533	495046		20.0	50.0	80.0	120	
2,3,4,6-Tetrachlorophenol	ANT	Ave				5682	10355				5.00	10.0
			20770	53030	83391	124158		20.0	50.0	80.0	120	
Diethyl phthalate	ANT	Ave				20983	37474				5.00	10.0
			75020	181137	287887	414742		20.0	50.0	80.0	120	
4-Chlorophenyl phenyl ether	ANT	Ave				10097	17891				5.00	10.0
			35991	86922	136188	194690		20.0	50.0	80.0	120	
Fluorene	ANT	Ave				20177	35917				5.00	10.0
			73331	176201	279031	401263		20.0	50.0	80.0	120	
4-Nitroaniline	ANT	Ave				5086	9463				5.00	10.0
			19392	48540	76513	111805		20.0	50.0	80.0	120	
4,6-Dinitro-2-methylphenol	PHN	Ave			2139	6957	13020			4.00	10.0	20.0
			26978	67694	109670	158612		40.0	100	160	240	
N-Nitrosodiphenylamine	PHN	Ave				15299	25786				5.00	10.0
			52621	126241	204479	295029		20.0	50.0	80.0	120	
1,2-Diphenylhydrazine	PHN	Ave				19798	36276				5.00	10.0
			72955	183278	290178	419433		20.0	50.0	80.0	120	
4-Bromophenyl phenyl ether	PHN	Ave				6272	11470				5.00	10.0
			22597	56928	90725	133885		20.0	50.0	80.0	120	
Hexachlorobenzene	PHN	Ave	761	1550	2970	8477	15259	0.500	1.00	2.00	5.00	10.0
			29602	74291	121782	177204		20.0	50.0	80.0	120	
Atrazine	PHN	Ave		1072	2110	5652	9575		1.00	2.00	5.00	10.0
			17132	21980	26115	33891		16.0	20.0	24.0	32.0	
Pentachlorophenol	PHN	Ave			3143	9841	18313			4.00	10.0	20.0
			36913	93404	148987	221887		40.0	100	160	240	
Pentachloronitrobenzene	PHN	Ave				3244	5240				5.00	10.0
			11740	28474	46609	69045		20.0	50.0	80.0	120	
n-Octadecane	PHN	Ave				14535	25308				5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			53405	131957	204955	298753		20.0	50.0	80.0	120	
Phenanthrene	PHN	Ave				31213	53762				5.00	10.0
			106833	260159	410540	589038		20.0	50.0	80.0	120	
Anthracene	PHN	Ave				30991	55702				5.00	10.0
			108604	265568	423632	611284		20.0	50.0	80.0	120	
Carbazole	PHN	Ave				29177	50395				5.00	10.0
			98616	241400	393600	562318		20.0	50.0	80.0	120	
Di-n-butyl phthalate	PHN	Ave				33995	62284				5.00	10.0
			125811	306210	484073	699620		20.0	50.0	80.0	120	
Fluoranthene	PHN	Ave				34039	60394				5.00	10.0
			116581	292275	462768	676779		20.0	50.0	80.0	120	
Benzidine	PHN	Ave				19725	34495				5.00	10.0
			70116	178384	288814	427518		20.0	50.0	80.0	120	
Pyrene	CRY	Ave				34859	61390				5.00	10.0
			121195	300307	483087	689822		20.0	50.0	80.0	120	
Bisphenol-A	CRY	Ave				15901	29130				5.00	10.0
			59458	154182	239294	365967		20.0	50.0	80.0	120	
Butyl benzyl phthalate	CRY	Ave				13685	24748				5.00	10.0
			51539	132168	209741	304881		20.0	50.0	80.0	120	
2,3,7,8-TCDD	CRY	Ave										
				489					0.500			
Carbamazepine	CRY	Ave				10648	20874				5.00	10.0
			47260	124125	210405	316298		20.0	50.0	80.0	120	
3,3'-Dichlorobenzidine	CRY	Ave			4356	12463	22403			2.00	5.00	10.0
			46747	125853	187259	272415		20.0	50.0	80.0	120	
Benzo[a]anthracene	CRY	Ave	3551	6557	12379	33915	61180	0.500	1.00	2.00	5.00	10.0
			116851	289984	466513	681738		20.0	50.0	80.0	120	
Chrysene	CRY	Ave				33352	58691				5.00	10.0
			116158	272445	428809	614095		20.0	50.0	80.0	120	
Bis(2-ethylhexyl) phthalate	CRY	Ave				20459	37336				5.00	10.0
			76282	192745	307247	437140		20.0	50.0	80.0	120	
Di-n-octyl phthalate	PRY	Ave				33527	65011				5.00	10.0
			130590	340897	533758	795694		20.0	50.0	80.0	120	
Benzo[b]fluoranthene	PRY	Ave	3148	6506	12767	36627	64671	0.500	1.00	2.00	5.00	10.0
			129292	311060	521124	760206		20.0	50.0	80.0	120	
Benzo[k]fluoranthene	PRY	Ave	3467	6950	12279	36532	66197	0.500	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			125422	334934	526298	773524		20.0	50.0	80.0	120	
Benzo[a]pyrene	PRY	Ave	2951	6375	12090	33937	62338	0.500	1.00	2.00	5.00	10.0
			124028	312309	501174	737988		20.0	50.0	80.0	120	
Indeno[1,2,3-cd]pyrene	PRY	Ave	2966	5635	11512	33384	60153	0.500	1.00	2.00	5.00	10.0
			122338	331146	515696	759664		20.0	50.0	80.0	120	
Dibenz(a,h)anthracene	PRY	Ave	2958	6448	12246	35664	66006	0.500	1.00	2.00	5.00	10.0
			131447	328244	538500	798311		20.0	50.0	80.0	120	
Benzo[g,h,i]perylene	PRY	Ave				36879	66730				5.00	10.0
			130355	337924	540484	798566		20.0	50.0	80.0	120	
2-Fluorophenol (Surr)	DCBd 4	Ave		1885	4235	9488	16540		1.00	2.00	5.00	10.0
			36490	88304	150009	216165		20.0	50.0	80.0	120	
Phenol-d5 (Surr)	DCBd 4	Ave	1052	2210	4963	11147	19936	0.500	1.00	2.00	5.00	10.0
			44690	109612	178699	260897		20.0	50.0	80.0	120	
Nitrobenzene-d5 (Surr)	NPT	Ave	1101	2078	4987	10736	18936	0.500	1.00	2.00	5.00	10.0
			41269	102477	165222	238583		20.0	50.0	80.0	120	
2-Fluorobiphenyl	ANT	Ave	2470	4473	10310	22667	37229	0.500	1.00	2.00	5.00	10.0
			82308	193733	312684	456076		20.0	50.0	80.0	120	
2,4,6-Tribromophenol (Surr)	ANT	Ave		981	2102	4822	8096		1.00	2.00	5.00	10.0
			18755	45172	75088	111944		20.0	50.0	80.0	120	
Terphenyl-d14 (Surr)	CRY	Ave	2960	6136	13167	29082	48155	0.500	1.00	2.00	5.00	10.0
			106870	251302	412708	606619		20.0	50.0	80.0	120	

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

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

Lab Name: Eurofins Edison Job No.: 460-258917-1 Analy Batch No.: 836125

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2022 09:55 Calibration End Date: 03/29/2022 13:15 Calibration ID: 90137

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-836125/10	X40648.d
Level 2	STD1 460-836125/9	X40647.d
Level 3	STD2 460-836125/8	X40646.d
Level 4	STD5 460-836125/7	X40645.d
Level 5	STD10 460-836125/6	X40644.d
Level 6	STD20 460-836125/5	X40643.d
Level 7	ICIS 460-836125/2	X40640.d
Level 8	STD80 460-836125/4	X40642.d
Level 9	STD120 460-836125/3	X40641.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Benzoic acid				6.7						30		
2,4-Dinitrophenol			3.1						30			

Report Date: 29-Mar-2022 13:53:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40640.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 29-Mar-2022 09:55:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:25 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 10:16:39

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.960	1.960	0.000	98	32039	50.0	50.4	
	2 N-Nitrosodimethylamine	74	2.201	2.201	0.000	74	53027	50.0	53.6	
	3 Pyridine	79	2.237	2.237	0.000	83	165064	100.0	106.6	
$	4 2-Fluorophenol	112	3.360	3.360	0.000	91	88304	50.0	48.6	
	5 Benzaldehyde	77	4.207	4.207	0.000	89	18391	20.0	12.1	
$	6 Phenol-d5	99	4.237	4.237	0.000	91	109612	50.0	50.7	
	7 Phenol	94	4.248	4.248	0.000	89	109633	50.0	50.4	
	8 Aniline	93	4.301	4.301	0.000	90	130301	50.0	49.9	
	9 Bis(2-chloroethyl)ether	93	4.360	4.360	0.000	87	81576	50.0	52.5	
	11 2-Chlorophenol	128	4.413	4.413	0.000	90	94134	50.0	50.6	
	12 n-Decane	43	4.448	4.448	0.000	92	133077	50.0	50.7	
	13 1,3-Dichlorobenzene	146	4.560	4.560	0.000	94	99974	50.0	50.0	
*	14 1,4-Dichlorobenzene-d4	152	4.613	4.613	0.000	97	52689	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.631	4.631	0.000	91	99439	50.0	49.1	
	16 Benzyl alcohol	108	4.737	4.737	0.000	88	57346	50.0	50.4	
	17 1,2-Dichlorobenzene	146	4.778	4.778	0.000	88	95867	50.0	49.9	
	18 2-Methylphenol	108	4.831	4.831	0.000	82	78526	50.0	50.2	
	19 2,2'-oxybis[1-chloropropane]	45	4.866	4.866	0.000	61	169358	50.0	52.0	
	24 4-Methylphenol	108	4.978	4.978	0.000	82	89164	50.0	50.9	
	23 3 & 4 Methylphenol	108	4.978	4.978	0.000	78	89164	50.0	50.9	
	20 N-Methylaniline	106	4.984	4.984	0.000	70	132829	50.0	48.3	
	22 N-Nitrosodi-n-propylamine	70	4.990	4.990	0.000	78	68161	50.0	52.6	
	21 Acetophenone	105	4.995	4.995	0.000	84	124664	50.0	50.1	
	25 Hexachloroethane	117	5.095	5.095	0.000	93	38684	50.0	50.6	
$	26 Nitrobenzene-d5	82	5.142	5.142	0.000	90	102477	50.0	49.0	
	27 n,n'-Dimethylaniline	120	5.160	5.160	0.000	82	137249	50.0	50.7	
	28 Nitrobenzene	123	5.160	5.160	0.000	85	43403	50.0	51.7	
	31 Isophorone	82	5.384	5.384	0.000	96	171498	50.0	51.2	
	32 2-Nitrophenol	139	5.460	5.460	0.000	87	50340	50.0	50.6	
	33 2,4-Dimethylphenol	122	5.484	5.484	0.000	88	81883	50.0	50.5	
	35 Benzoic acid	122	5.572	5.572	0.000	72	55259	50.0	52.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.584	5.584	0.000	94	99937	50.0	49.6	
36 2,4-Dichlorophenol	162	5.678	5.678	0.000	93	73695	50.0	50.2	
37 1,2,4-Trichlorobenzene	180	5.766	5.766	0.000	92	82796	50.0	51.1	
* 38 Naphthalene-d8	136	5.825	5.825	0.000	99	201594	40.0	40.0	
39 Naphthalene	128	5.842	5.842	0.000	99	255018	50.0	49.4	
40 4-Chloroaniline	127	5.889	5.889	0.000	81	111906	50.0	49.7	
130 2,6-Dichlorophenol	162	5.895	5.895	0.000	80	72546	50.0	50.1	
41 Hexachlorobutadiene	225	5.954	5.954	0.000	95	50815	50.0	49.3	
42 Caprolactam	113	6.219	6.219	0.000	85	9312	20.0	23.5	M
43 4-Chloro-3-methylphenol	107	6.342	6.342	0.000	92	73315	50.0	50.2	
44 2-Methylnaphthalene	142	6.501	6.501	0.000	80	170999	50.0	49.3	
45 1-Methylnaphthalene	142	6.595	6.595	0.000	89	161780	50.0	50.9	
46 Hexachlorocyclopentadiene	237	6.648	6.648	0.000	84	68541	50.0	52.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.654	6.654	0.000	96	87621	50.0	52.8	
48 2-tertbutyl-4-methylphenol	149	6.678	6.678	0.000	74	107959	50.0	50.6	
49 2,4,6-Trichlorophenol	196	6.760	6.760	0.000	89	61409	50.0	55.5	
50 2,4,5-Trichlorophenol	196	6.789	6.789	0.000	90	60771	50.0	50.9	
$ 51 2-Fluorobiphenyl	172	6.848	6.848	0.000	97	193733	50.0	48.5	
52 1,1'-Biphenyl	154	6.942	6.942	0.000	96	203520	50.0	52.3	
53 2-Chloronaphthalene	162	6.960	6.960	0.000	96	162512	50.0	53.2	
54 Phenyl ether	170	7.042	7.042	0.000	84	108656	50.0	50.7	
56 2-Nitroaniline	65	7.054	7.054	0.000	92	65146	50.0	53.1	
57 1,3-Dimethylnaphthalene	156	7.166	7.166	0.000	88	130317	50.0	53.7	
58 Dimethyl phthalate	163	7.231	7.231	0.000	98	180789	50.0	52.5	
59 Coumarin	146	7.254	7.254	0.000	71	62933	50.0	49.8	
60 2,6-Dinitrotoluene	165	7.289	7.289	0.000	10	40753	50.0	53.5	
61 Acenaphthylene	152	7.354	7.354	0.000	96	243657	50.0	49.4	
64 3-Nitroaniline	138	7.442	7.442	0.000	92	47551	50.0	52.8	
* 65 Acenaphthene-d10	164	7.489	7.489	0.000	86	103785	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.501	7.501	0.000	97	142374	50.0	51.6	
67 Acenaphthene	154	7.519	7.519	0.000	94	170746	50.0	53.8	
68 2,4-Dinitrophenol	184	7.542	7.542	0.000	70	52021	100.0	103.5	a
69 4-Nitrophenol	65	7.589	7.589	0.000	87	69453	100.0	105.3	
70 2,4-Dinitrotoluene	165	7.666	7.666	0.000	90	55706	50.0	53.8	
71 Dibenzofuran	168	7.683	7.683	0.000	91	218863	50.0	51.8	
72 2,3,4,6-Tetrachlorophenol	232	7.789	7.789	0.000	92	53030	50.0	53.5	
73 Diethyl phthalate	149	7.901	7.901	0.000	97	181137	50.0	51.9	
74 4-Chlorophenyl phenyl ether	204	8.007	8.007	0.000	72	86922	50.0	52.2	
75 Fluorene	166	8.007	8.007	0.000	81	176201	50.0	52.2	
76 4-Nitroaniline	138	8.025	8.025	0.000	93	48540	50.0	53.7	
77 4,6-Dinitro-2-methylphenol	198	8.048	8.048	0.000	58	67694	100.0	110.1	
78 N-Nitrosodiphenylamine	169	8.119	8.119	0.000	96	126241	50.0	50.9	
79 1,2-Diphenylhydrazine	77	8.154	8.154	0.000	92	183278	50.0	53.0	
$ 80 2,4,6-Tribromophenol	330	8.231	8.231	0.000	93	45172	50.0	51.4	
81 4-Bromophenyl phenyl ether	248	8.472	8.472	0.000	92	56928	50.0	52.4	
83 Hexachlorobenzene	284	8.519	8.519	0.000	91	74291	50.0	52.2	
84 Atrazine	200	8.619	8.619	0.000	86	21980	20.0	22.0	
85 Pentachlorophenol	266	8.707	8.707	0.000	88	93404	100.0	108.8	
86 Pentachloronitrobenzene	237	8.719	8.719	0.000	77	28474	50.0	52.0	
87 n-Octadecane	57	8.789	8.789	0.000	97	131957	50.0	53.2	
* 88 Phenanthrene-d10	188	8.895	8.895	0.000	99	194214	40.0	40.0	
89 Phenanthrene	178	8.919	8.919	0.000	98	260159	50.0	51.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.966	8.966	0.000	97	265568	50.0	51.4	
91 Carbazole	167	9.113	9.113	0.000	83	241400	50.0	50.9	
92 Di-n-butyl phthalate	149	9.448	9.448	0.000	99	306210	50.0	52.2	
93 Fluoranthene	202	10.042	10.042	0.000	97	292275	50.0	51.8	
94 Benzidine	184	10.177	10.177	0.000	99	178384	50.0	52.5	
95 Pyrene	202	10.266	10.266	0.000	97	300307	50.0	53.3	
82 Bisphenol-A	213	10.307	10.307	0.000	86	154182	50.0	55.5	
$ 96 Terphenyl-d14	244	10.419	10.419	0.000	98	251302	50.0	50.3	
97 Butyl benzyl phthalate	149	10.942	10.942	0.000	97	132168	50.0	55.5	
98 2,3,7,8-TCDD	320	11.030	11.030	0.000	1	489	0.5000	0.5000	
99 Carbamazepine	193	11.060	11.060	0.000	91	124125	50.0	56.5	
100 3,3'-Dichlorobenzidine	252	11.548	11.548	0.000	99	125853	50.0	58.9	
101 Benzo[a]anthracene	228	11.577	11.577	0.000	99	289984	50.0	51.7	
* 102 Chrysene-d12	240	11.589	11.589	0.000	97	182708	40.0	40.0	
103 Chrysene	228	11.619	11.619	0.000	95	272445	50.0	52.2	
104 Bis(2-ethylhexyl) phthalate	149	11.624	11.624	0.000	86	192745	50.0	54.9	
105 Di-n-octyl phthalate	149	12.518	12.518	0.000	94	340897	50.0	55.1	
106 Benzo[b]fluoranthene	252	13.024	13.024	0.000	97	311060	50.0	52.2	
107 Benzo[k]fluoranthene	252	13.065	13.065	0.000	99	334934	50.0	54.9	
108 Benzo[a]pyrene	252	13.501	13.501	0.000	97	312309	50.0	54.6	
* 109 Perylene-d12	264	13.577	13.577	0.000	98	215770	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.277	15.277	0.000	95	331146	50.0	58.5	
111 Dibenz(a,h)anthracene	278	15.330	15.330	0.000	96	328244	50.0	54.8	
112 Benzo[g,h,i]perylene	276	15.771	15.771	0.000	91	337924	50.0	53.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:27 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40640.d

Injection Date: 29-Mar-2022 09:55:30 Instrument ID: CBNAMS5

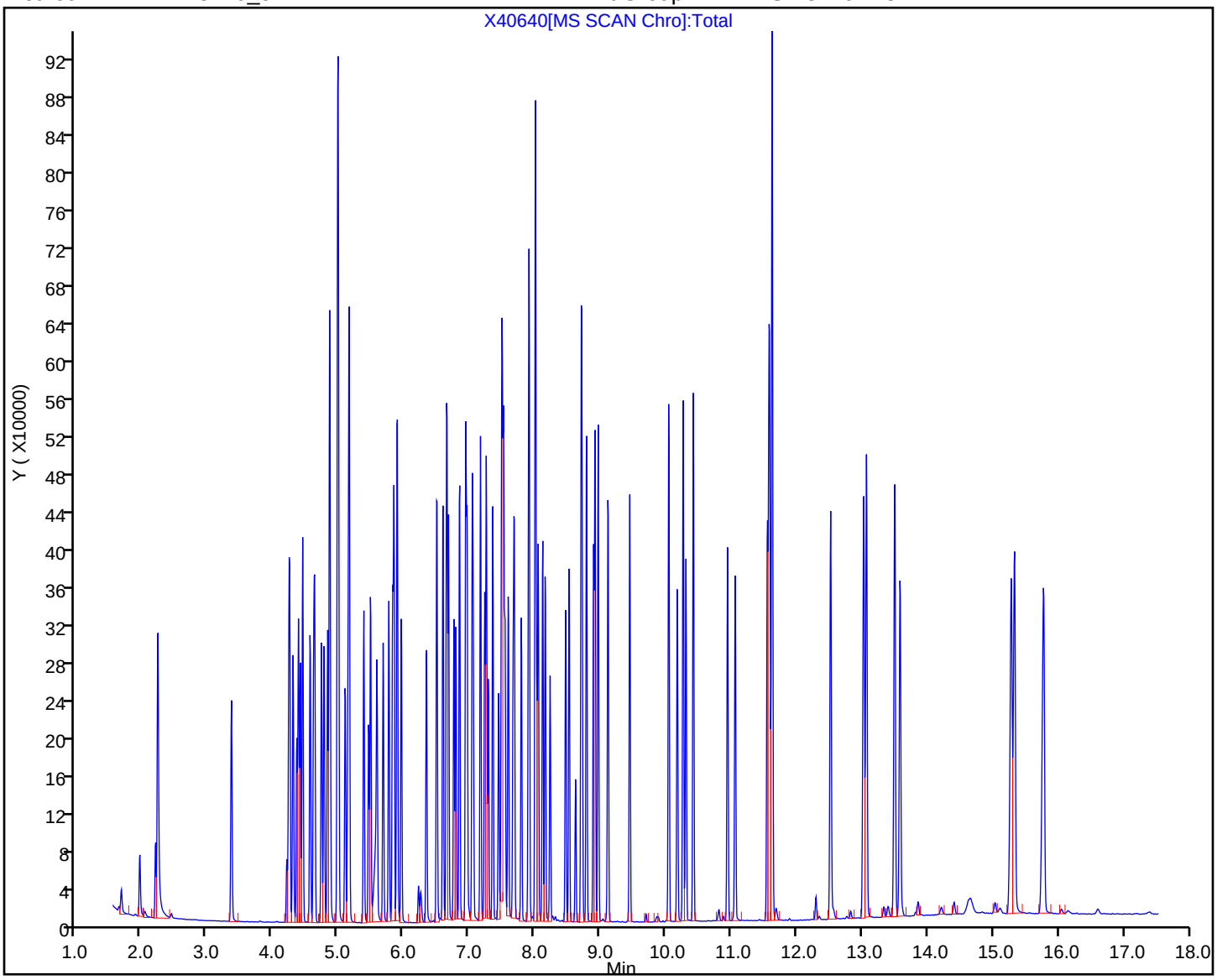
Lims ID: ICIS

Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

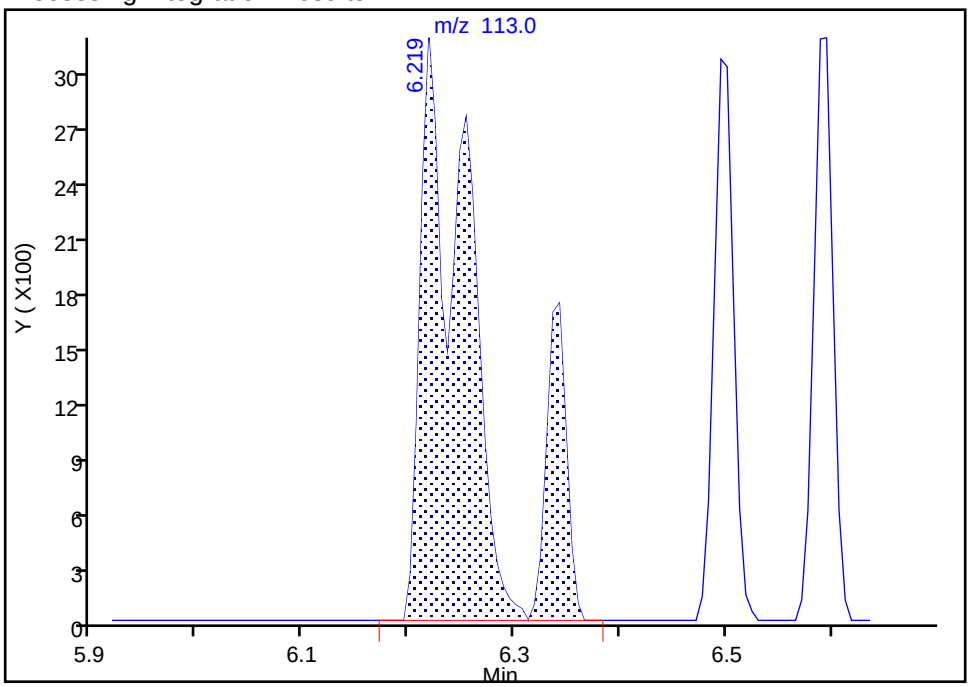
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40640.d
Injection Date: 29-Mar-2022 09:55:30 Instrument ID: CBNAMS5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

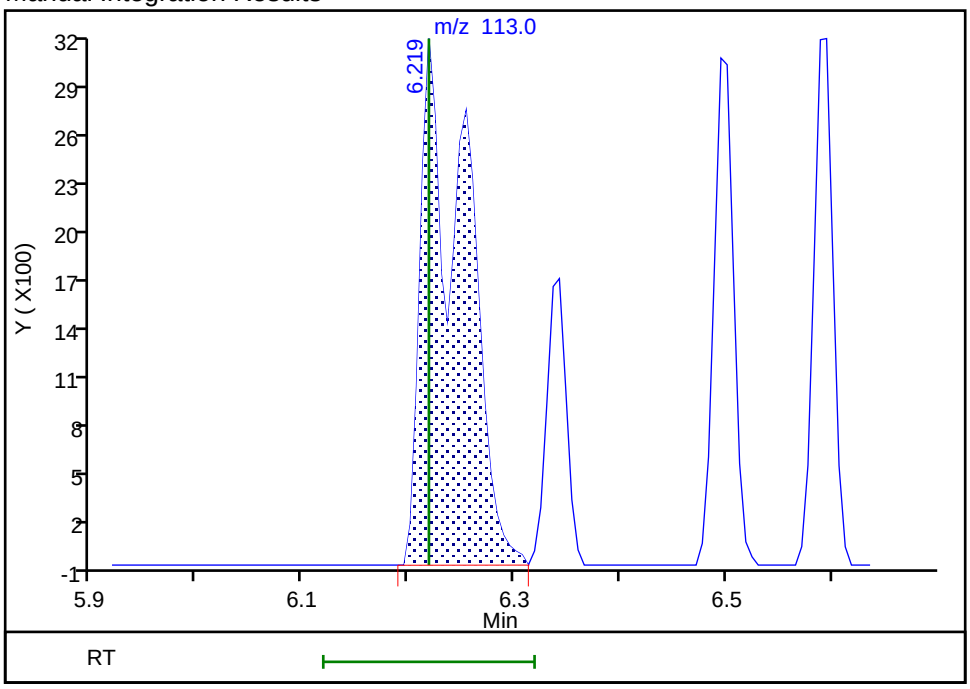
Processing Integration Results

RT: 6.22
Area: 11577
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.22
Area: 9312
Amount: 23.481713
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 10:16:13
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

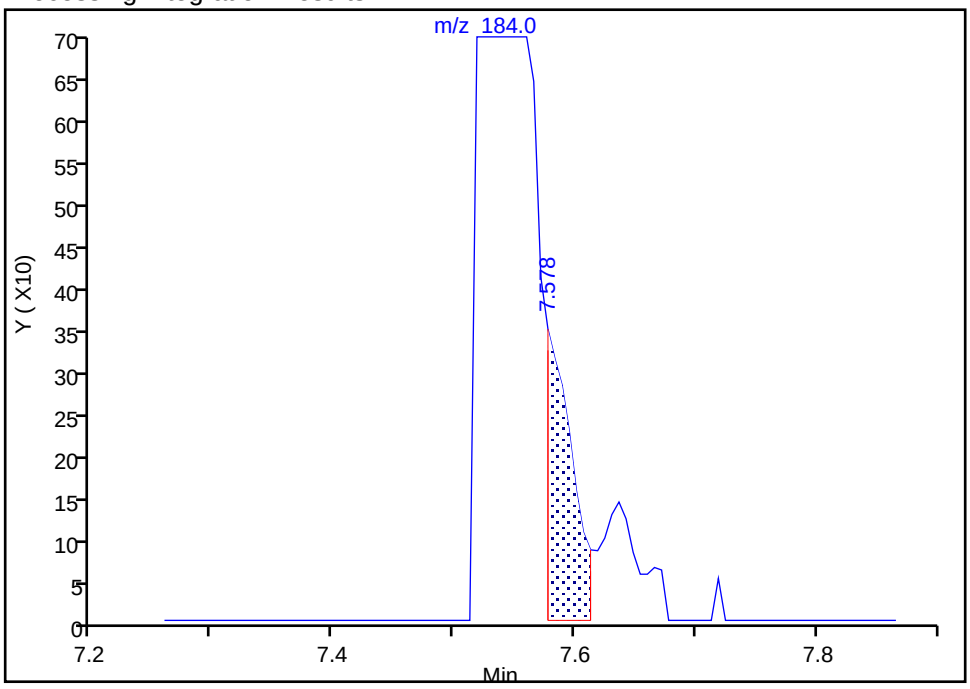
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Injection Date: 29-Mar-2022 09:55:30 Instrument ID: CBNAMS5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

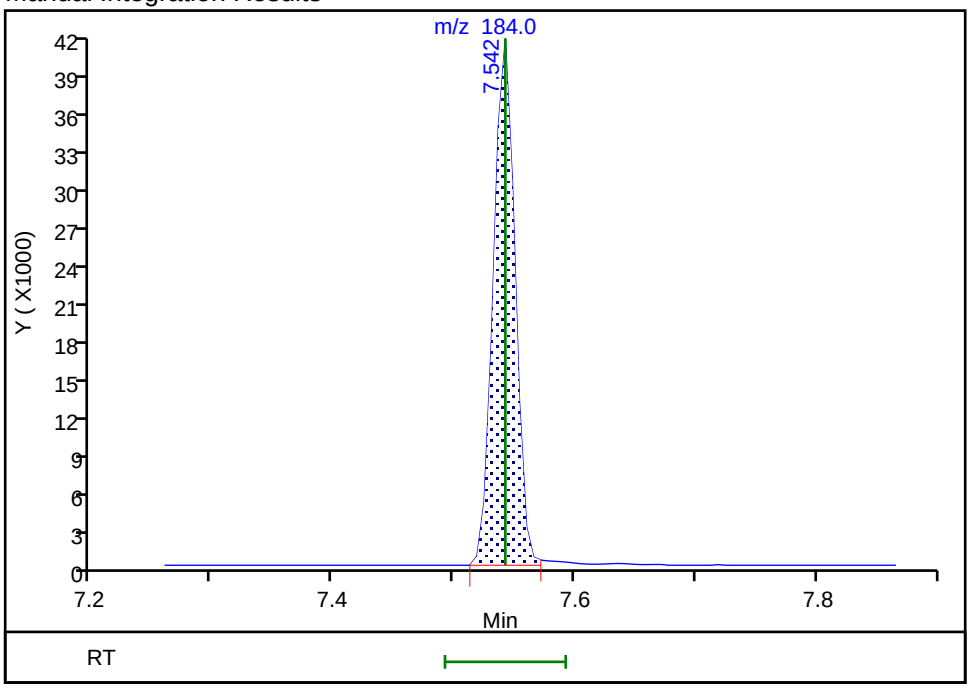
Processing Integration Results

RT: 7.58
Area: 532
Amount: 100.0000
Amount Units: ug/ml



Manual Integration Results

RT: 7.54
Area: 52021
Amount: 103.4918
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 10:15:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 29-Mar-2022 13:53:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40641.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 29-Mar-2022 10:19:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:30 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 10:59:13

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.955	1.960	-0.005	97	74878	120.0	115.2	
	2 N-Nitrosodimethylamine	74	2.202	2.201	0.001	75	126985	120.0	125.7	
	3 Pyridine	79	2.231	2.237	-0.006	82	407971	240.0	258.0	
$	4 2-Fluorophenol	112	3.360	3.360	0.000	90	216165	120.0	116.4	
	5 Benzaldehyde	77	4.207	4.207	0.000	89	21879	32.0	14.1	
$	6 Phenol-d5	99	4.249	4.237	0.012	91	260897	120.0	118.2	
	7 Phenol	94	4.260	4.248	0.012	95	256030	120.0	115.2	
	8 Aniline	93	4.307	4.301	0.006	19	313548	120.0	117.6	
	9 Bis(2-chloroethyl)ether	93	4.366	4.360	0.006	86	189712	120.0	119.7	
	11 2-Chlorophenol	128	4.419	4.413	0.006	68	218593	120.0	115.0	
	12 n-Decane	43	4.449	4.448	0.001	91	311945	120.0	116.3	
	13 1,3-Dichlorobenzene	146	4.566	4.560	0.006	94	233513	120.0	114.3	
*	14 1,4-Dichlorobenzene-d4	152	4.619	4.613	0.006	85	53809	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.637	4.631	0.006	93	237931	120.0	115.1	
	16 Benzyl alcohol	108	4.743	4.737	0.006	88	134897	120.0	116.1	
	17 1,2-Dichlorobenzene	146	4.778	4.778	0.000	89	225855	120.0	115.2	
	18 2-Methylphenol	108	4.837	4.831	0.006	83	184387	120.0	115.5	
	19 2,2'-oxybis[1-chloropropane]	45	4.866	4.866	0.000	74	390111	120.0	117.3	
	24 4-Methylphenol	108	4.990	4.978	0.012	74	202156	120.0	112.9	
	23 3 & 4 Methylphenol	108	4.990	4.978	0.012	72	202156	120.0	112.9	
	20 N-Methylaniline	106	4.990	4.984	0.006	72	329778	120.0	117.5	
	22 N-Nitrosodi-n-propylamine	70	5.001	4.990	0.011	71	158156	120.0	119.4	
	21 Acetophenone	105	5.001	4.995	0.006	82	279782	120.0	110.1	
	25 Hexachloroethane	117	5.101	5.095	0.006	91	92292	120.0	118.1	
$	26 Nitrobenzene-d5	82	5.149	5.142	0.006	92	238583	120.0	113.6	
	28 Nitrobenzene	123	5.166	5.160	0.006	83	98287	120.0	114.6	
	27 n,n'-Dimethylaniline	120	5.166	5.160	0.006	83	321175	120.0	116.3	
	31 Isophorone	82	5.396	5.384	0.012	96	396220	120.0	117.8	
	32 2-Nitrophenol	139	5.460	5.460	0.000	85	116869	120.0	117.2	
	33 2,4-Dimethylphenol	122	5.496	5.484	0.012	61	173285	120.0	106.5	
	35 Benzoic acid	122	5.619	5.572	0.047	87	133878	120.0	121.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.590	5.584	0.006	94	234748	120.0	116.2	
36 2,4-Dichlorophenol	162	5.684	5.678	0.006	93	174491	120.0	118.5	
37 1,2,4-Trichlorobenzene	180	5.766	5.766	0.000	92	184427	120.0	113.4	
* 38 Naphthalene-d8	136	5.825	5.825	0.000	99	202261	40.0	40.0	
39 Naphthalene	128	5.848	5.842	0.006	98	581180	120.0	112.2	
40 4-Chloroaniline	127	5.896	5.889	0.007	80	254056	120.0	112.5	
130 2,6-Dichlorophenol	162	5.901	5.895	0.006	79	167033	120.0	115.1	
41 Hexachlorobutadiene	225	5.960	5.954	0.006	95	118680	120.0	114.7	
42 Caprolactam	113	6.331	6.219	0.112	47	12098	32.0	30.4	M
43 4-Chloro-3-methylphenol	107	6.343	6.342	0.001	97	170938	120.0	116.7	
44 2-Methylnaphthalene	142	6.501	6.501	0.000	83	391206	120.0	112.3	
45 1-Methylnaphthalene	142	6.595	6.595	0.000	89	359681	120.0	112.9	
46 Hexachlorocyclopentadiene	237	6.648	6.648	0.000	85	162884	120.0	115.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.660	6.654	0.006	97	201726	120.0	113.0	
48 2-tertbutyl-4-methylphenol	149	6.684	6.678	0.006	75	252326	120.0	117.9	
49 2,4,6-Trichlorophenol	196	6.766	6.760	0.006	89	131524	120.0	110.5	
50 2,4,5-Trichlorophenol	196	6.795	6.789	0.006	86	151751	120.0	118.1	
$ 51 2-Fluorobiphenyl	172	6.848	6.848	0.000	97	456076	120.0	106.2	
52 1,1'-Biphenyl	154	6.948	6.942	0.006	97	467445	120.0	111.5	
53 2-Chloronaphthalene	162	6.966	6.960	0.006	95	356795	120.0	108.5	
54 Phenyl ether	170	7.043	7.042	0.000	86	270373	120.0	117.2	
56 2-Nitroaniline	65	7.060	7.054	0.006	93	152611	120.0	115.5	
57 1,3-Dimethylnaphthalene	156	7.172	7.166	0.006	88	298830	120.0	114.5	
58 Dimethyl phthalate	163	7.242	7.231	0.011	98	410779	120.0	110.9	
59 Coumarin	146	7.266	7.254	0.012	70	148149	120.0	116.8	
60 2,6-Dinitrotoluene	165	7.295	7.289	0.006	7	93886	120.0	114.6	
61 Acenaphthylene	152	7.360	7.354	0.006	96	594351	120.0	111.9	
64 3-Nitroaniline	138	7.454	7.442	0.012	92	109272	120.0	112.7	
* 65 Acenaphthene-d10	164	7.490	7.489	0.001	80	111686	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.507	7.501	0.006	94	347573	120.0	117.0	
67 Acenaphthene	154	7.525	7.519	0.006	93	340238	120.0	99.7	
68 2,4-Dinitrophenol	184	7.554	7.542	0.012	66	133007	240.0	242.1	a
69 4-Nitrophenol	65	7.601	7.589	0.012	56	174425	240.0	245.7	
70 2,4-Dinitrotoluene	165	7.672	7.666	0.006	89	129372	120.0	116.0	
71 Dibenzofuran	168	7.690	7.683	0.007	91	495046	120.0	109.0	
72 2,3,4,6-Tetrachlorophenol	232	7.795	7.789	0.006	93	124158	120.0	116.4	
73 Diethyl phthalate	149	7.907	7.901	0.006	97	414742	120.0	110.4	
74 4-Chlorophenyl phenyl ether	204	8.007	8.007	0.000	74	194690	120.0	108.7	
75 Fluorene	166	8.013	8.007	0.006	81	401263	120.0	110.4	
76 4-Nitroaniline	138	8.048	8.025	0.023	88	111805	120.0	114.8	
77 4,6-Dinitro-2-methylphenol	198	8.060	8.048	0.012	64	158612	240.0	242.9	
78 N-Nitrosodiphenylamine	169	8.125	8.119	0.006	96	295029	120.0	112.0	
79 1,2-Diphenylhydrazine	77	8.160	8.154	0.006	92	419433	120.0	114.1	
$ 80 2,4,6-Tribromophenol	330	8.237	8.231	0.007	93	111944	120.0	118.3	
81 4-Bromophenyl phenyl ether	248	8.472	8.472	0.000	90	133885	120.0	115.9	
83 Hexachlorobenzene	284	8.525	8.519	0.006	89	177204	120.0	117.2	
84 Atrazine	200	8.625	8.619	0.006	87	33891	32.0	31.9	
85 Pentachlorophenol	266	8.713	8.707	0.006	91	221887	240.0	243.3	
86 Pentachloronitrobenzene	237	8.725	8.719	0.006	80	69045	120.0	118.7	
87 n-Octadecane	57	8.789	8.789	0.000	96	298753	120.0	113.3	
* 88 Phenanthrene-d10	188	8.895	8.895	0.000	99	206318	40.0	40.0	
89 Phenanthrene	178	8.925	8.919	0.006	98	589038	120.0	109.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.972	8.966	0.006	97	611284	120.0	111.4	
91 Carbazole	167	9.119	9.113	0.006	83	562318	120.0	111.6	
92 Di-n-butyl phthalate	149	9.448	9.448	0.000	99	699620	120.0	112.3	
93 Fluoranthene	202	10.048	10.042	0.006	97	676779	120.0	112.9	
94 Benzidine	184	10.178	10.177	0.001	99	427518	120.0	118.4	
95 Pyrene	202	10.272	10.266	0.006	97	689822	120.0	111.5	
82 Bisphenol-A	213	10.313	10.307	0.006	86	365967	120.0	120.0	
$ 96 Terphenyl-d14	244	10.425	10.419	0.006	98	606619	120.0	110.5	
97 Butyl benzyl phthalate	149	10.948	10.942	0.006	97	304881	120.0	116.6	
99 Carbamazepine	193	11.072	11.060	0.012	91	316298	120.0	131.3	
100 3,3'-Dichlorobenzidine	252	11.560	11.548	0.012	98	272415	120.0	116.2	
101 Benzo[a]anthracene	228	11.583	11.577	0.006	99	681738	120.0	110.7	
* 102 Chrysene-d12	240	11.595	11.589	0.006	92	200500	40.0	40.0	
103 Chrysene	228	11.630	11.619	0.011	95	614095	120.0	107.2	
104 Bis(2-ethylhexyl) phthalate	149	11.630	11.624	0.006	87	437140	120.0	113.5	
105 Di-n-octyl phthalate	149	12.519	12.518	0.001	96	795694	120.0	120.2	
106 Benzo[b]fluoranthene	252	13.036	13.024	0.012	97	760206	120.0	119.4	
107 Benzo[k]fluoranthene	252	13.077	13.065	0.012	99	773524	120.0	118.6	
108 Benzo[a]pyrene	252	13.513	13.501	0.012	96	737988	120.0	120.6	
* 109 Perylene-d12	264	13.583	13.577	0.006	98	230652	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.301	15.277	0.024	99	759664	120.0	125.5	
111 Dibenz(a,h)anthracene	278	15.354	15.330	0.024	96	798311	120.0	124.8	
112 Benzo[g,h,i]perylene	276	15.801	15.771	0.030	97	798566	120.0	118.3	
S 119 Total Cresols	1				0			228.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:32 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40641.d

Injection Date: 29-Mar-2022 10:19:30 Instrument ID: CBNAMS5

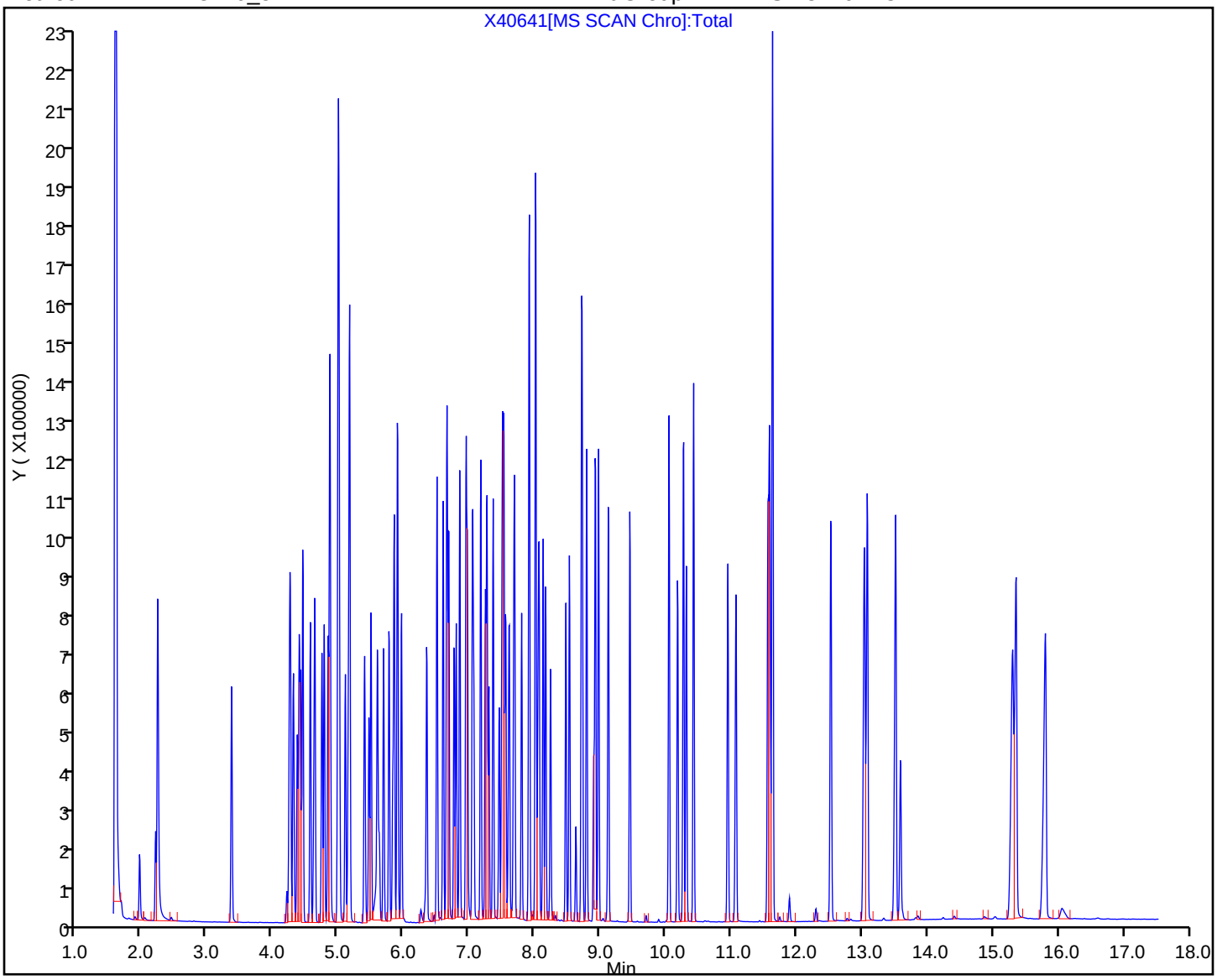
Lims ID: STD120

Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

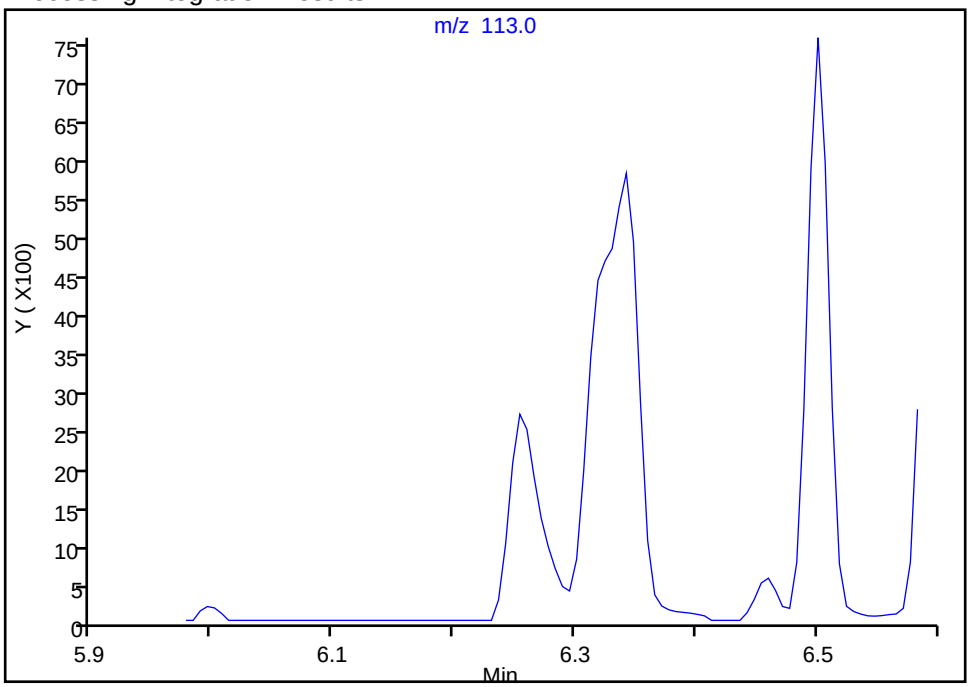
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Injection Date: 29-Mar-2022 10:19:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

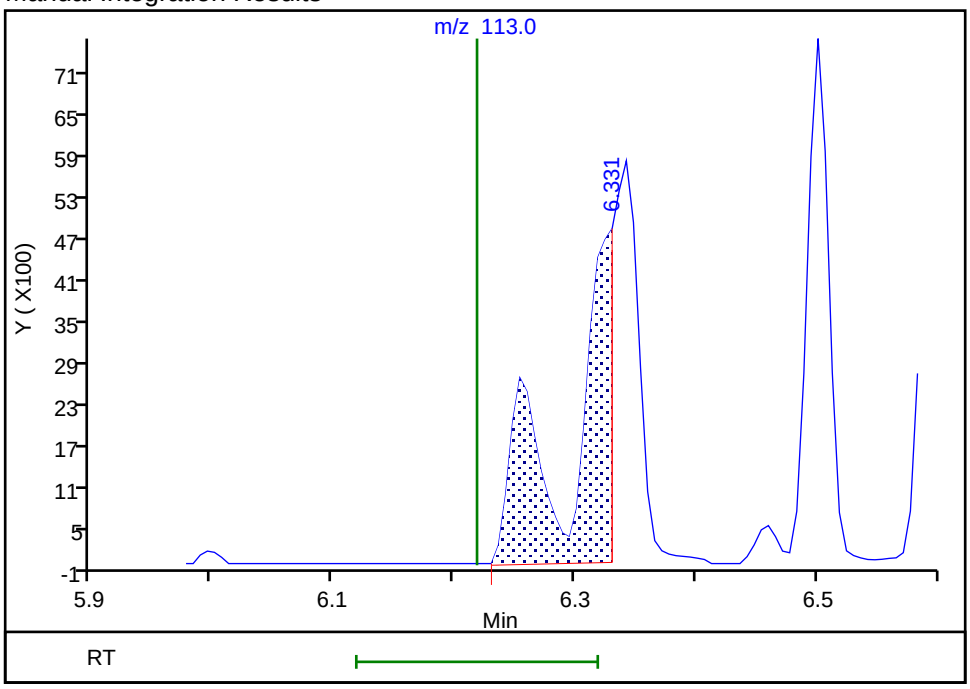
Not Detected
Expected RT: 6.22

Processing Integration Results



Manual Integration Results

RT: 6.33
Area: 12098
Amount: 30.406458
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 11:13:08
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

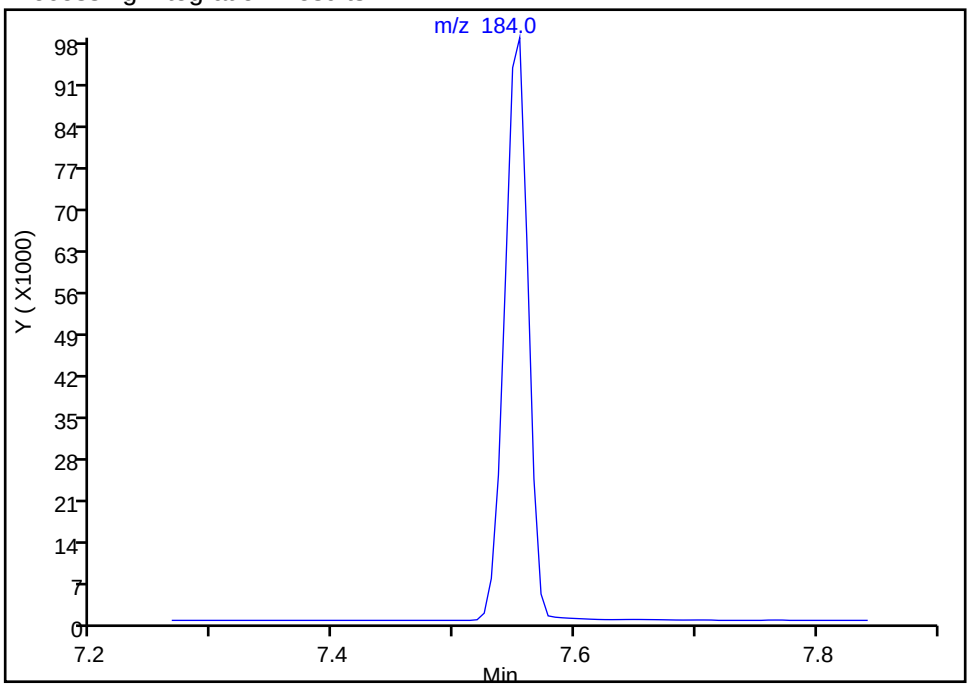
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40641.d
Injection Date: 29-Mar-2022 10:19:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

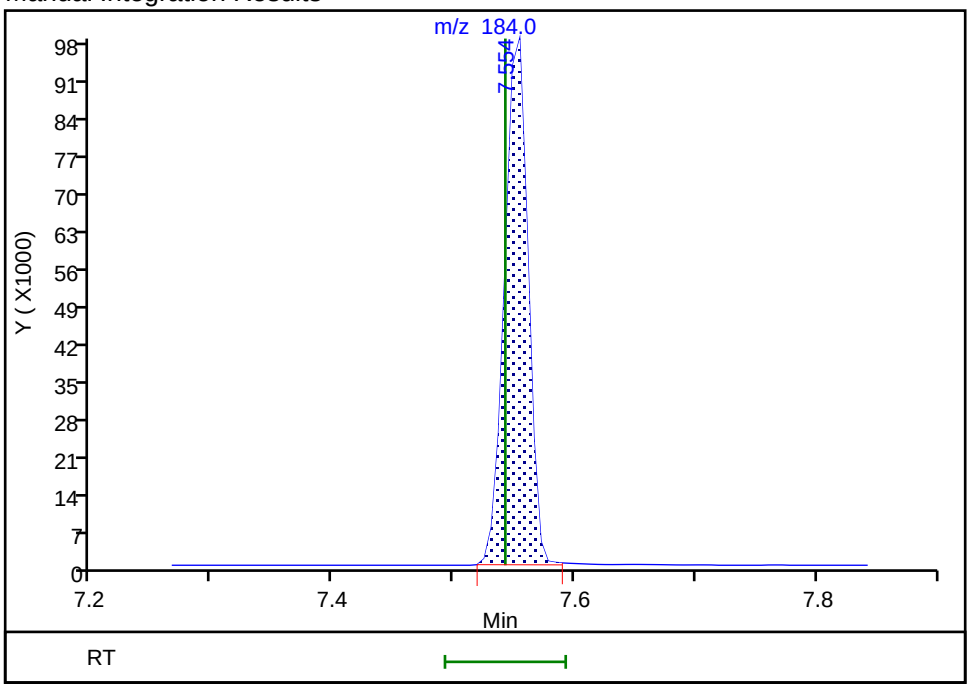
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.55
Area: 133007
Amount: 242.0887
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 10:58:28
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Report Date: 29-Mar-2022 13:53:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40642.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Mar-2022 10:49:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-004
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:35 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 11:11:34

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.958	1.960	-0.002	97	51698	80.0	78.4	
	2 N-Nitrosodimethylamine	74	2.199	2.201	-0.002	75	88252	80.0	86.1	
	3 Pyridine	79	2.234	2.237	-0.003	83	286134	160.0	178.4	
$	4 2-Fluorophenol	112	3.357	3.360	-0.003	91	150009	80.0	79.6	
	5 Benzaldehyde	77	4.204	4.207	-0.003	89	21395	24.0	13.6	
$	6 Phenol-d5	99	4.240	4.237	0.003	94	178699	80.0	79.8	
	7 Phenol	94	4.257	4.248	0.009	96	177079	80.0	78.6	
	8 Aniline	93	4.304	4.301	0.003	73	217670	80.0	80.5	
	9 Bis(2-chloroethyl)ether	93	4.363	4.360	0.003	89	130687	80.0	81.3	
	11 2-Chlorophenol	128	4.416	4.413	0.003	90	153872	80.0	79.8	
	12 n-Decane	43	4.446	4.448	-0.002	91	212833	80.0	78.3	
	13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	94	163037	80.0	78.7	
*	14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	96	54576	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.634	4.631	0.003	93	164583	80.0	78.5	
	16 Benzyl alcohol	108	4.740	4.737	0.003	88	94145	80.0	79.9	
	17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	90	155543	80.0	78.2	
	18 2-Methylphenol	108	4.834	4.831	0.003	84	127872	80.0	78.9	
	19 2,2'-oxybis[1-chloropropane]	45	4.869	4.866	0.003	63	263843	80.0	78.2	
	24 4-Methylphenol	108	4.987	4.978	0.009	74	140995	80.0	77.7	
	23 3 & 4 Methylphenol	108	4.987	4.978	0.009	72	140995	80.0	77.7	
	20 N-Methylaniline	106	4.987	4.984	0.003	70	225475	80.0	79.2	
	22 N-Nitrosodi-n-propylamine	70	4.998	4.990	0.008	76	108874	80.0	81.0	
	21 Acetophenone	105	4.998	4.995	0.003	84	196325	80.0	76.2	
	25 Hexachloroethane	117	5.098	5.095	0.003	91	63078	80.0	79.6	
$	26 Nitrobenzene-d5	82	5.140	5.142	-0.002	92	165222	80.0	78.0	
	27 n,n'-Dimethylaniline	120	5.163	5.160	0.003	83	221878	80.0	79.2	
	28 Nitrobenzene	123	5.163	5.160	0.003	85	69819	80.0	80.2	
	31 Isophorone	82	5.387	5.384	0.003	96	271094	80.0	79.9	
	32 2-Nitrophenol	139	5.457	5.460	-0.003	86	81179	80.0	80.6	
	33 2,4-Dimethylphenol	122	5.487	5.484	0.003	62	118571	80.0	72.2	
	35 Benzoic acid	122	5.593	5.572	0.021	43	88260	80.0	80.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.587	5.584	0.003	95	162757	80.0	79.8	
36 2,4-Dichlorophenol	162	5.681	5.678	0.003	94	121230	80.0	81.6	
37 1,2,4-Trichlorobenzene	180	5.769	5.766	0.003	91	128300	80.0	78.2	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	99	204116	40.0	40.0	
39 Naphthalene	128	5.845	5.842	0.003	99	411017	80.0	78.6	
40 4-Chloroaniline	127	5.893	5.889	0.004	81	179134	80.0	78.6	
130 2,6-Dichlorophenol	162	5.898	5.895	0.003	81	115512	80.0	78.9	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	96	82156	80.0	78.7	
42 Caprolactam	113	6.287	6.219	0.068	85	10966	24.0	27.3	M
43 4-Chloro-3-methylphenol	107	6.340	6.342	-0.002	90	118277	80.0	80.0	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	77	274746	80.0	78.2	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	82	249291	80.0	77.5	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	84	113140	80.0	80.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.657	6.654	0.003	97	138836	80.0	78.2	
48 2-tertbutyl-4-methylphenol	149	6.681	6.678	0.003	76	175758	80.0	81.4	
49 2,4,6-Trichlorophenol	196	6.763	6.760	0.003	90	91739	80.0	77.5	
50 2,4,5-Trichlorophenol	196	6.792	6.789	0.003	81	105148	80.0	82.2	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	97	312684	80.0	73.2	
52 1,1'-Biphenyl	154	6.945	6.942	0.003	97	322145	80.0	77.3	
53 2-Chloronaphthalene	162	6.963	6.960	0.003	96	251909	80.0	77.0	
54 Phenyl ether	170	7.040	7.042	-0.002	85	186072	80.0	81.1	
56 2-Nitroaniline	65	7.057	7.054	0.003	94	103654	80.0	78.9	
57 1,3-Dimethylnaphthalene	156	7.169	7.166	0.003	88	202165	80.0	77.8	
58 Dimethyl phthalate	163	7.234	7.231	0.003	98	283411	80.0	76.9	
59 Coumarin	146	7.257	7.254	0.003	71	99710	80.0	77.9	
60 2,6-Dinitrotoluene	165	7.292	7.289	0.003	16	65262	80.0	80.0	
61 Acenaphthylene	152	7.357	7.354	0.003	96	411429	80.0	77.8	
64 3-Nitroaniline	138	7.445	7.442	0.003	92	74955	80.0	77.7	
* 65 Acenaphthene-d10	164	7.487	7.489	-0.002	87	111121	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.504	7.501	0.003	95	234741	80.0	79.4	
67 Acenaphthene	154	7.522	7.519	0.003	93	276965	80.0	81.6	
68 2,4-Dinitrophenol	184	7.545	7.542	0.003	69	91193	160.0	167.7	a
69 4-Nitrophenol	65	7.598	7.589	0.009	84	118481	160.0	167.7	
70 2,4-Dinitrotoluene	165	7.669	7.666	0.003	90	87798	80.0	79.1	
71 Dibenzofuran	168	7.687	7.683	0.004	91	346533	80.0	76.7	
72 2,3,4,6-Tetrachlorophenol	232	7.792	7.789	0.003	93	83391	80.0	78.6	
73 Diethyl phthalate	149	7.904	7.901	0.003	97	287887	80.0	77.0	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	73	136188	80.0	76.4	
75 Fluorene	166	8.010	8.007	0.003	81	279031	80.0	77.1	
76 4-Nitroaniline	138	8.034	8.025	0.009	93	76513	80.0	79.0	
77 4,6-Dinitro-2-methylphenol	198	8.057	8.048	0.009	62	109670	160.0	171.9	
78 N-Nitrosodiphenylamine	169	8.122	8.119	0.003	96	204479	80.0	79.4	
79 1,2-Diphenylhydrazine	77	8.157	8.154	0.003	92	290178	80.0	80.8	
$ 80 2,4,6-Tribromophenol	330	8.234	8.231	0.004	93	75088	80.0	79.8	
81 4-Bromophenyl phenyl ether	248	8.469	8.472	-0.003	89	90725	80.0	80.4	
83 Hexachlorobenzene	284	8.522	8.519	0.003	93	121782	80.0	82.4	
84 Atrazine	200	8.622	8.619	0.003	87	26115	24.0	25.2	
85 Pentachlorophenol	266	8.710	8.707	0.003	91	148987	160.0	167.2	
86 Pentachloronitrobenzene	237	8.722	8.719	0.003	79	46609	80.0	82.0	
87 n-Octadecane	57	8.786	8.789	-0.003	96	204955	80.0	79.6	
* 88 Phenanthrene-d10	188	8.898	8.895	0.003	99	201632	40.0	40.0	
89 Phenanthrene	178	8.922	8.919	0.003	98	410540	80.0	78.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.969	8.966	0.003	97	423632	80.0	79.0	
91 Carbazole	167	9.116	9.113	0.003	83	393600	80.0	79.9	
92 Di-n-butyl phthalate	149	9.451	9.448	0.003	99	484073	80.0	79.5	
93 Fluoranthene	202	10.045	10.042	0.003	97	462768	80.0	79.0	
94 Benzidine	184	10.181	10.177	0.003	99	288814	80.0	81.8	
95 Pyrene	202	10.269	10.266	0.003	97	483087	80.0	79.4	
82 Bisphenol-A	213	10.310	10.307	0.003	86	239294	80.0	79.8	
$ 96 Terphenyl-d14	244	10.422	10.419	0.003	98	412708	80.0	76.4	
97 Butyl benzyl phthalate	149	10.945	10.942	0.003	97	209741	80.0	81.5	
99 Carbamazepine	193	11.069	11.060	0.009	92	210405	80.0	88.8	
100 3,3'-Dichlorobenzidine	252	11.557	11.548	0.009	98	187259	80.0	81.2	
101 Benzo[a]anthracene	228	11.580	11.577	0.003	99	466513	80.0	77.0	
* 102 Chrysene-d12	240	11.592	11.589	0.003	97	197251	40.0	40.0	
103 Chrysene	228	11.627	11.619	0.008	95	428809	80.0	76.1	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	87	307247	80.0	81.1	
105 Di-n-octyl phthalate	149	12.522	12.518	0.004	96	533758	80.0	81.0	
106 Benzo[b]fluoranthene	252	13.033	13.024	0.009	97	521124	80.0	82.3	
107 Benzo[k]fluoranthene	252	13.074	13.065	0.009	95	526298	80.0	81.1	
108 Benzo[a]pyrene	252	13.504	13.501	0.003	96	501174	80.0	82.3	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	229577	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.286	15.277	0.009	99	515696	80.0	85.6	
111 Dibenz(a,h)anthracene	278	15.339	15.330	0.009	96	538500	80.0	84.6	
112 Benzo[g,h,i]perylene	276	15.786	15.771	0.015	90	540484	80.0	80.4	
S 119 Total Cresols	1				0			156.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:37 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40642.d

Injection Date: 29-Mar-2022 10:49:30 Instrument ID: CBNAMS5

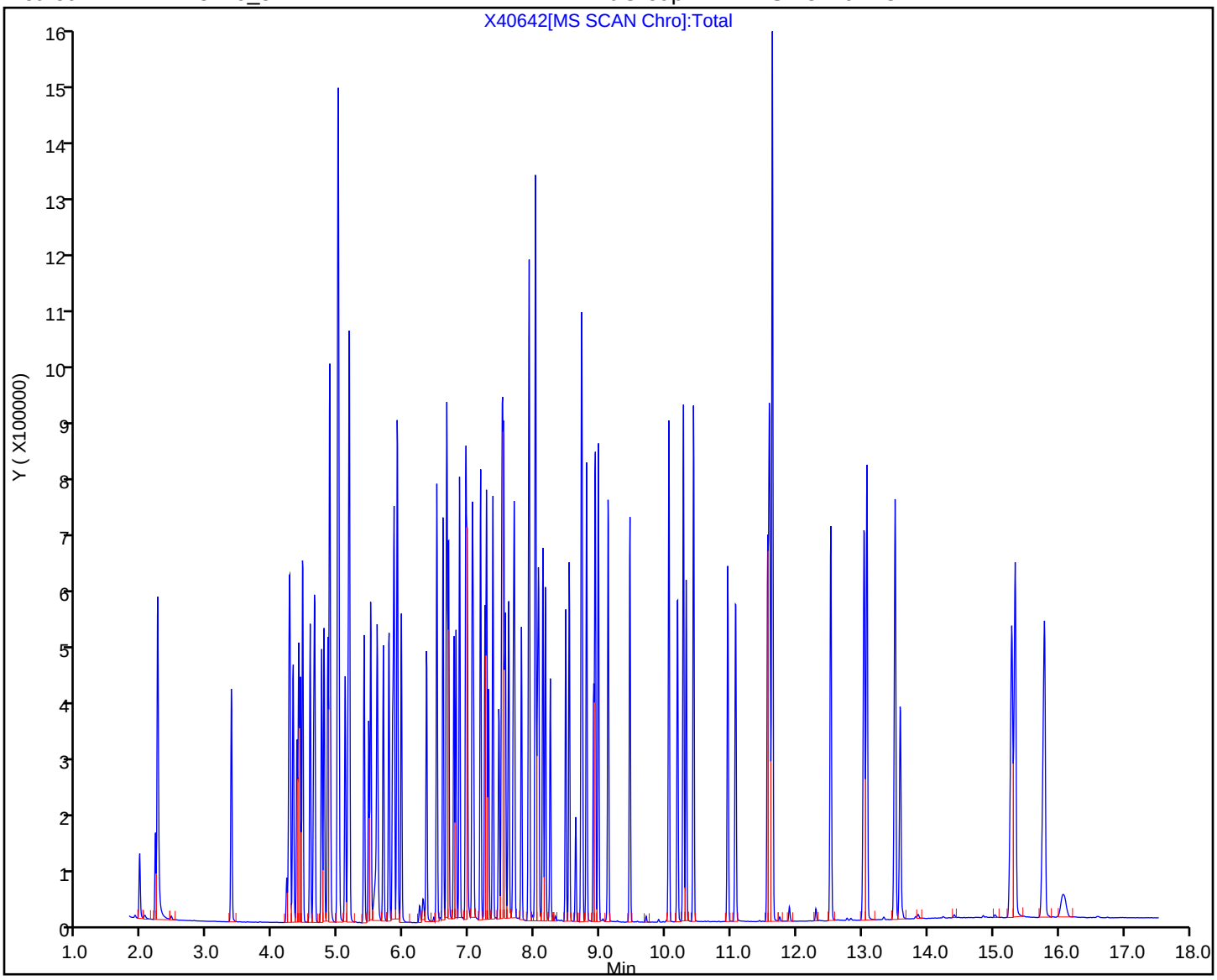
Lims ID: STD80

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

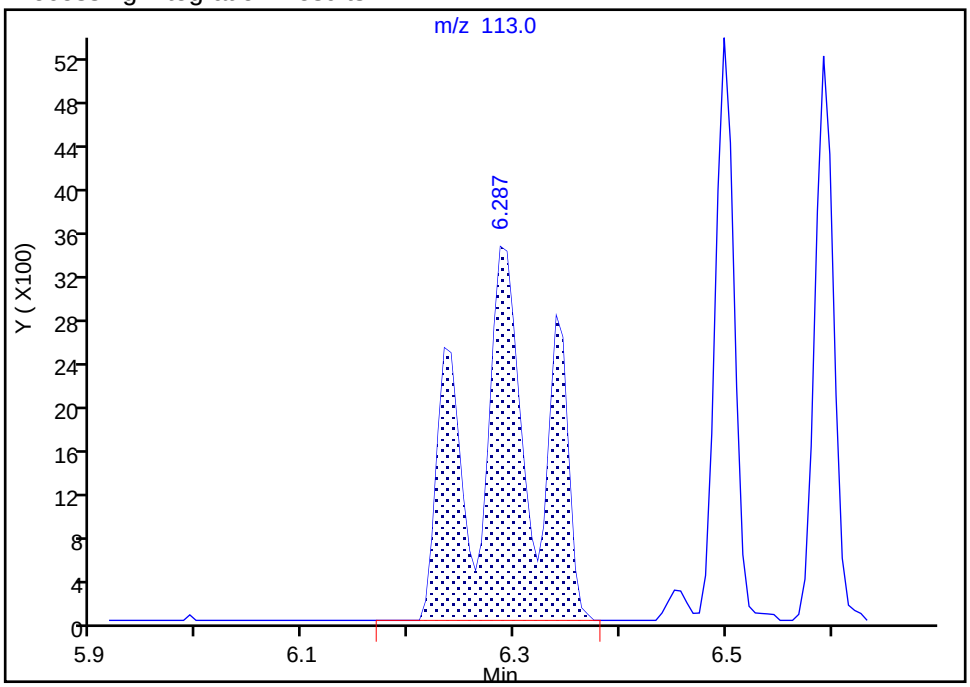
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Injection Date: 29-Mar-2022 10:49:30 Instrument ID: CBNAMS5
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

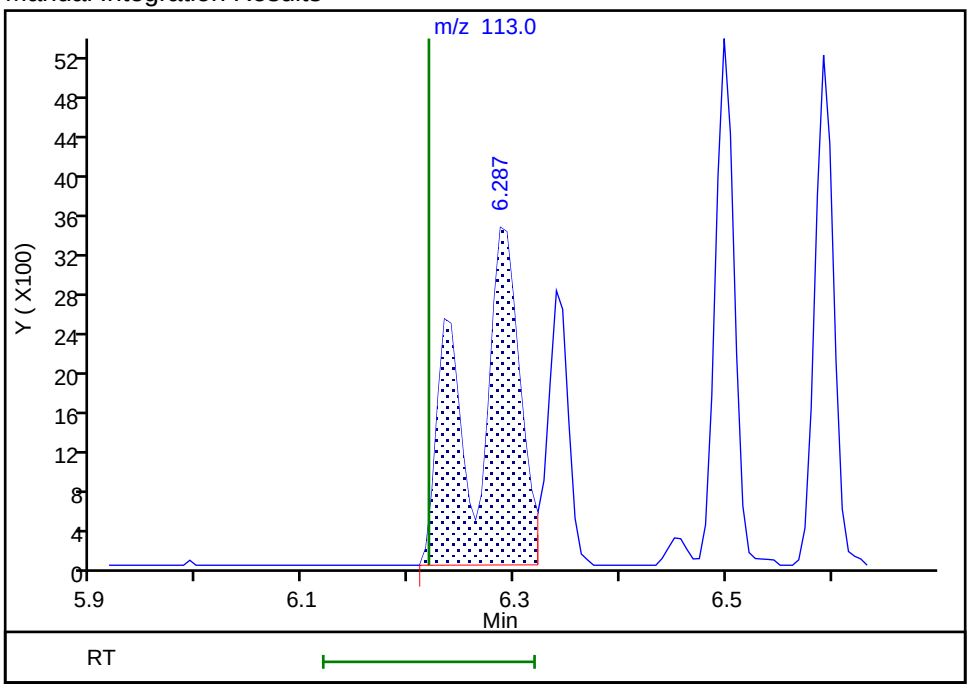
Processing Integration Results

RT: 6.29
Area: 14621
Amount: 25.850977
Amount Units: ug/ml



Manual Integration Results

RT: 6.29
Area: 10966
Amount: 27.310874
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 11:11:15
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

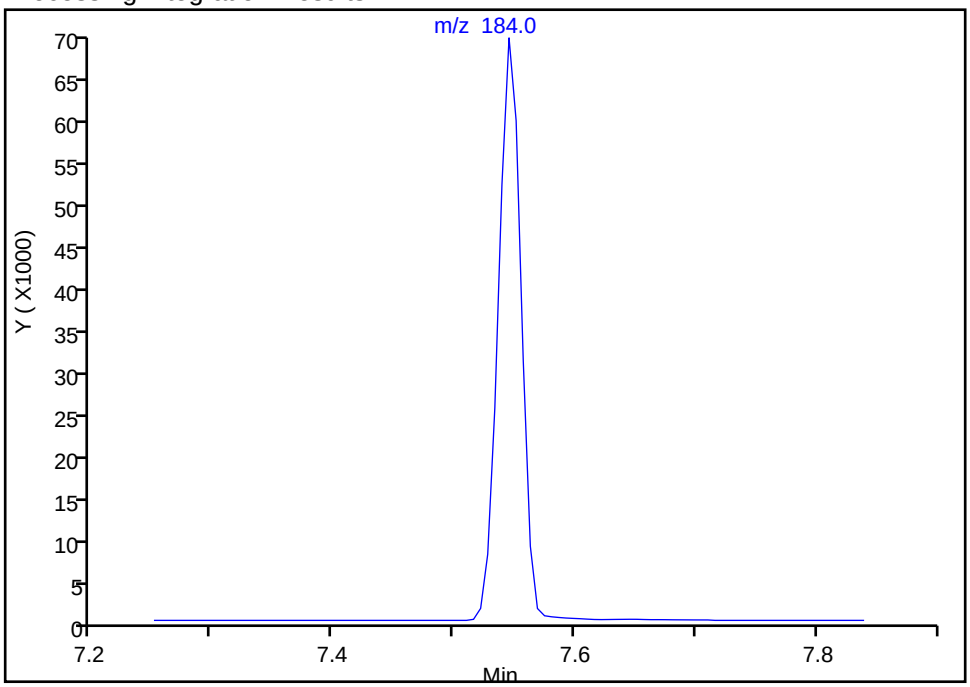
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Injection Date: 29-Mar-2022 10:49:30 Instrument ID: CBNAMS5
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

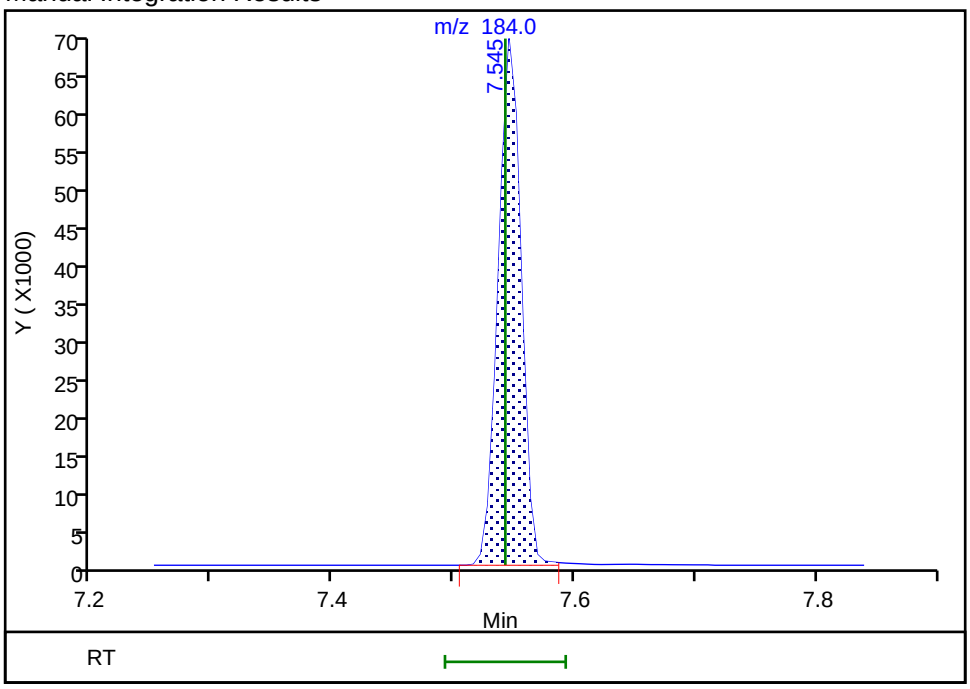
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.55
Area: 91193
Amount: 167.6847
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 11:10:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 29-Mar-2022 13:53:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40643.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Mar-2022 11:13:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-005
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:40 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 11:34:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.957	1.960	-0.003	97	12603	20.0	19.6	
2 N-Nitrosodimethylamine	74	2.199	2.201	-0.002	75	19644	20.0	19.6	
3 Pyridine	79	2.234	2.237	-0.003	85	65763	40.0	41.9	
$ 4 2-Fluorophenol	112	3.357	3.360	-0.003	92	36490	20.0	19.8	
5 Benzaldehyde	77	4.204	4.207	-0.003	89	23393	16.0	15.2	
$ 6 Phenol-d5	99	4.234	4.237	-0.003	92	44690	20.0	20.4	
7 Phenol	94	4.246	4.248	-0.002	79	42977	20.0	19.5	
8 Aniline	93	4.298	4.301	-0.003	90	52410	20.0	19.8	
9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	87	32234	20.0	20.5	
11 2-Chlorophenol	128	4.410	4.413	-0.003	86	37114	20.0	19.7	
12 n-Decane	43	4.445	4.448	-0.003	91	52135	20.0	19.6	
13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	95	40288	20.0	19.9	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	53355	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.634	4.631	0.003	92	41065	20.0	20.0	
16 Benzyl alcohol	108	4.734	4.737	-0.003	88	22639	20.0	19.7	
17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	90	38454	20.0	19.8	
18 2-Methylphenol	108	4.828	4.831	-0.003	84	31859	20.0	20.1	
19 2,2'-oxybis[1-chloropropane]	45	4.863	4.866	-0.003	61	65758	20.0	19.9	
24 4-Methylphenol	108	4.975	4.978	-0.003	81	35923	20.0	20.2	
23 3 & 4 Methylphenol	108	4.975	4.978	-0.003	77	35923	20.0	20.2	
20 N-Methylaniline	106	4.981	4.984	-0.003	73	57749	20.0	20.8	
22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	81	27517	20.0	21.0	
21 Acetophenone	105	4.993	4.995	-0.003	88	51779	20.0	20.5	
25 Hexachloroethane	117	5.098	5.095	0.003	90	15597	20.0	20.1	
$ 26 Nitrobenzene-d5	82	5.134	5.142	-0.008	91	41269	20.0	19.5	
28 Nitrobenzene	123	5.157	5.160	-0.003	85	17363	20.0	20.4	
27 n,n'-Dimethylaniline	120	5.157	5.160	-0.003	84	56735	20.0	20.7	
31 Isophorone	82	5.381	5.384	-0.003	96	68603	20.0	20.3	
32 2-Nitrophenol	139	5.457	5.460	-0.003	87	19707	20.0	19.6	
33 2,4-Dimethylphenol	122	5.487	5.484	0.003	90	33571	20.0	20.5	
35 Benzoic acid	122	5.540	5.572	-0.032	57	19079	20.0	20.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.581	5.584	-0.003	89	40648	20.0	20.0	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	93	29559	20.0	19.9	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	91	32078	20.0	19.6	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	203702	40.0	40.0	
39 Naphthalene	128	5.840	5.842	-0.002	99	102830	20.0	19.7	
40 4-Chloroaniline	127	5.887	5.889	-0.002	81	45203	20.0	19.9	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	80	29637	20.0	20.3	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	96	20304	20.0	19.5	
42 Caprolactam	113	6.204	6.219	-0.015	85	7187	16.0	17.9	
43 4-Chloro-3-methylphenol	107	6.339	6.342	-0.003	91	28783	20.0	19.5	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	83	70100	20.0	20.0	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	82	63928	20.0	19.9	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	87	27185	20.0	19.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.651	6.654	-0.003	95	35200	20.0	19.8	
48 2-tertbutyl-4-methylphenol	149	6.675	6.678	-0.003	74	43370	20.0	20.1	
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	88	23422	20.0	19.7	
50 2,4,5-Trichlorophenol	196	6.792	6.789	0.003	89	25189	20.0	19.7	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	97	82308	20.0	19.2	
52 1,1'-Biphenyl	154	6.939	6.942	-0.003	96	83174	20.0	19.9	
53 2-Chloronaphthalene	162	6.957	6.960	-0.003	96	66401	20.0	20.3	
54 Phenyl ether	170	7.039	7.042	-0.003	84	47278	20.0	20.6	
56 2-Nitroaniline	65	7.051	7.054	-0.003	92	26540	20.0	20.2	
57 1,3-Dimethylnaphthalene	156	7.163	7.166	-0.003	88	52802	20.0	20.3	
58 Dimethyl phthalate	163	7.228	7.231	-0.003	98	73859	20.0	20.0	
59 Coumarin	146	7.251	7.254	-0.003	73	25818	20.0	20.2	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	15	16532	20.0	20.2	
61 Acenaphthylene	152	7.351	7.354	-0.003	96	106618	20.0	20.1	
64 3-Nitroaniline	138	7.439	7.442	-0.003	93	19295	20.0	20.0	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	111349	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.501	-0.003	95	60354	20.0	20.4	
67 Acenaphthene	154	7.516	7.519	-0.003	90	68168	20.0	20.0	
68 2,4-Dinitrophenol	184	7.539	7.542	-0.003	62	20568	40.0	39.9	a
69 4-Nitrophenol	65	7.586	7.589	-0.003	87	28115	40.0	39.7	
70 2,4-Dinitrotoluene	165	7.663	7.666	-0.003	91	22852	20.0	20.6	
71 Dibenzofuran	168	7.681	7.683	-0.002	92	89823	20.0	19.8	
72 2,3,4,6-Tetrachlorophenol	232	7.786	7.789	-0.003	91	20770	20.0	19.5	
73 Diethyl phthalate	149	7.892	7.901	-0.009	97	75020	20.0	20.0	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	71	35991	20.0	20.1	
75 Fluorene	166	8.004	8.007	-0.003	81	73331	20.0	20.2	
76 4-Nitroaniline	138	8.016	8.025	-0.009	90	19392	20.0	20.0	
77 4,6-Dinitro-2-methylphenol	198	8.045	8.048	-0.003	46	26978	40.0	41.0	
78 N-Nitrosodiphenylamine	169	8.116	8.119	-0.003	96	52621	20.0	19.8	
79 1,2-Diphenylhydrazine	77	8.151	8.154	-0.003	95	72955	20.0	19.7	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	93	18755	20.0	19.9	
81 4-Bromophenyl phenyl ether	248	8.469	8.472	-0.003	90	22597	20.0	19.4	
83 Hexachlorobenzene	284	8.522	8.519	0.003	93	29602	20.0	19.4	
84 Atrazine	200	8.616	8.619	-0.003	86	17132	16.0	16.0	
85 Pentachlorophenol	266	8.704	8.707	-0.003	91	36913	40.0	40.2	
86 Pentachloronitrobenzene	237	8.716	8.719	-0.003	84	11740	20.0	20.0	
87 n-Octadecane	57	8.786	8.789	-0.003	95	53405	20.0	20.1	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	207902	40.0	40.0	
89 Phenanthrene	178	8.916	8.919	-0.003	96	106833	20.0	19.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.963	8.966	-0.003	97	108604	20.0	19.6	
91 Carbazole	167	9.110	9.113	-0.003	83	98616	20.0	19.4	
92 Di-n-butyl phthalate	149	9.445	9.448	-0.003	99	125811	20.0	20.0	
93 Fluoranthene	202	10.039	10.042	-0.003	97	116581	20.0	19.3	
94 Benzidine	184	10.169	10.177	-0.008	99	70116	20.0	19.3	
95 Pyrene	202	10.263	10.266	-0.003	97	121195	20.0	19.6	
82 Bisphenol-A	213	10.304	10.307	-0.003	91	59458	20.0	19.5	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	98	106870	20.0	19.5	
97 Butyl benzyl phthalate	149	10.939	10.942	-0.003	95	51539	20.0	19.7	
99 Carbamazepine	193	11.051	11.060	-0.009	91	47260	20.0	19.6	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	99	46747	20.0	20.0	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	98	116851	20.0	19.0	
* 102 Chrysene-d12	240	11.586	11.589	-0.003	98	200240	40.0	40.0	
103 Chrysene	228	11.616	11.619	-0.003	95	116158	20.0	20.3	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	79	76282	20.0	19.8	
105 Di-n-octyl phthalate	149	12.516	12.518	-0.002	93	130590	20.0	19.8	
106 Benzo[b]fluoranthene	252	13.016	13.024	-0.008	98	129292	20.0	20.4	
107 Benzo[k]fluoranthene	252	13.057	13.065	-0.008	99	125422	20.0	19.3	
108 Benzo[a]pyrene	252	13.492	13.501	-0.009	96	124028	20.0	20.4	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	229599	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.262	15.277	-0.015	99	122338	20.0	20.3	
111 Dibenz(a,h)anthracene	278	15.315	15.330	-0.015	96	131447	20.0	20.6	
112 Benzo[g,h,i]perylene	276	15.751	15.771	-0.020	93	130355	20.0	19.4	
S 119 Total Cresols	1				0			40.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

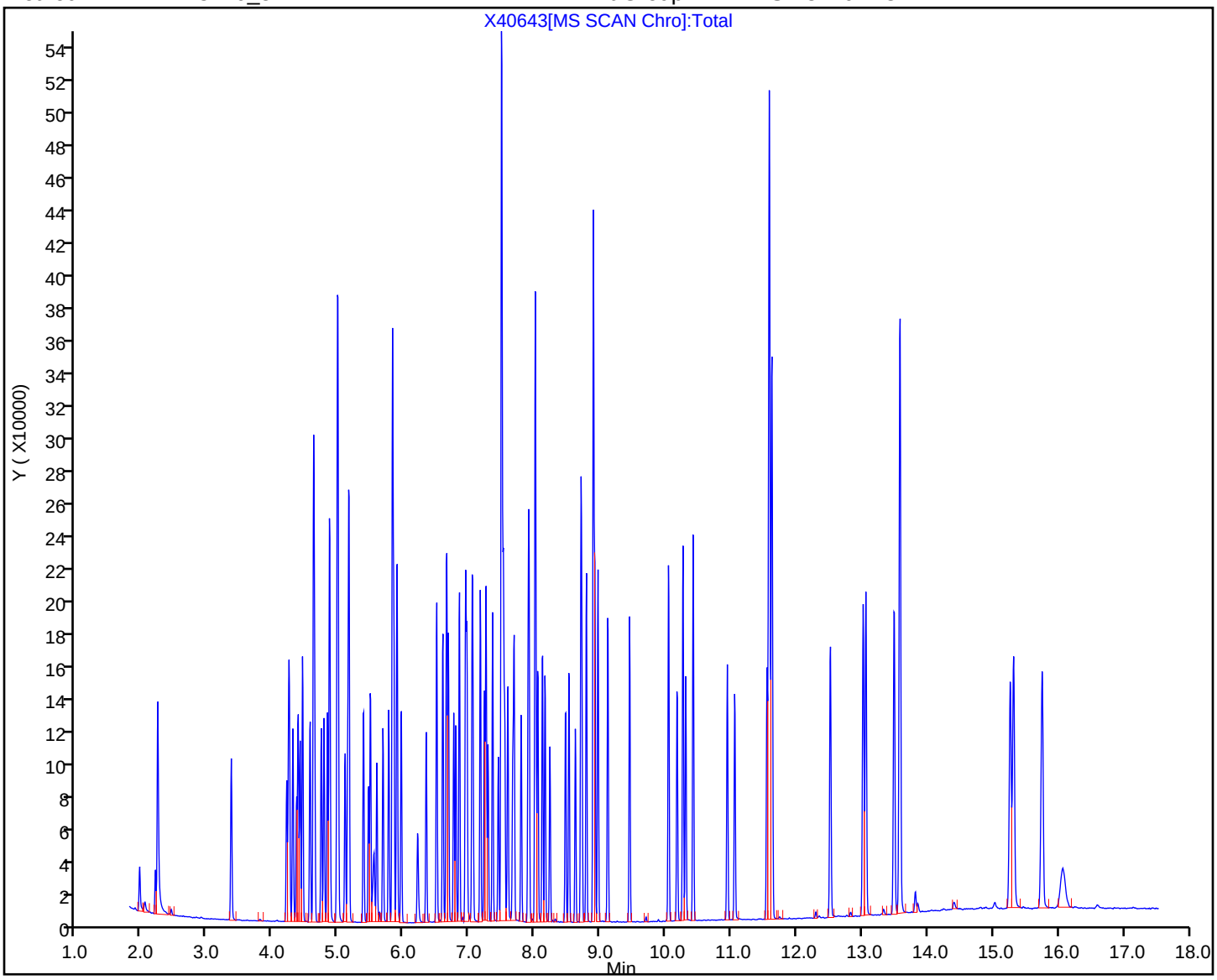
Reagents:

SV_BNA_L6_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:41 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40643.d
Injection Date: 29-Mar-2022 11:13:30 Instrument ID: CBNAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

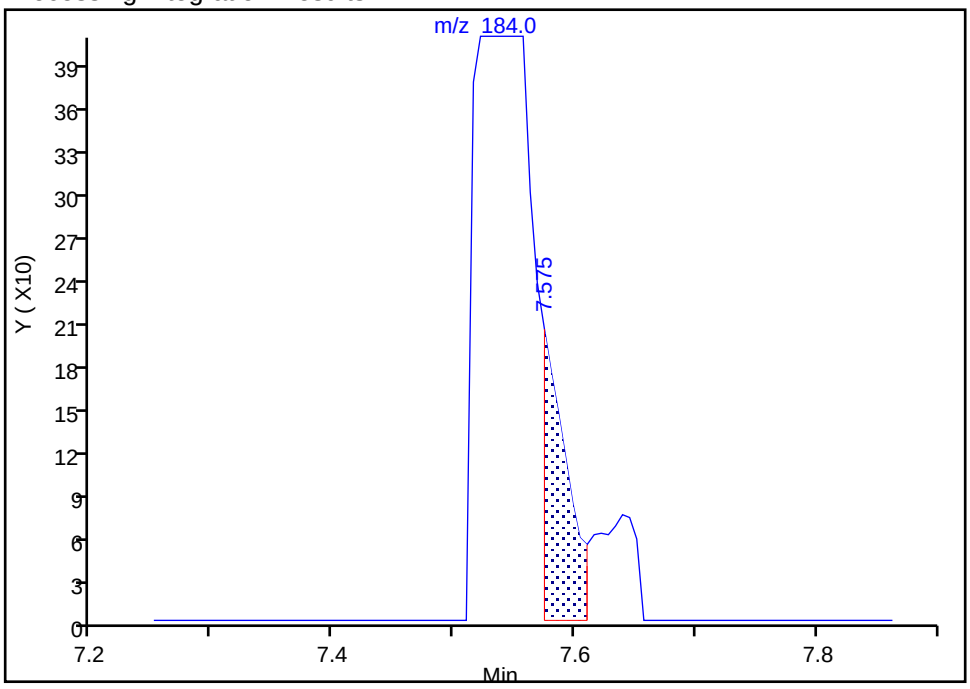
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Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

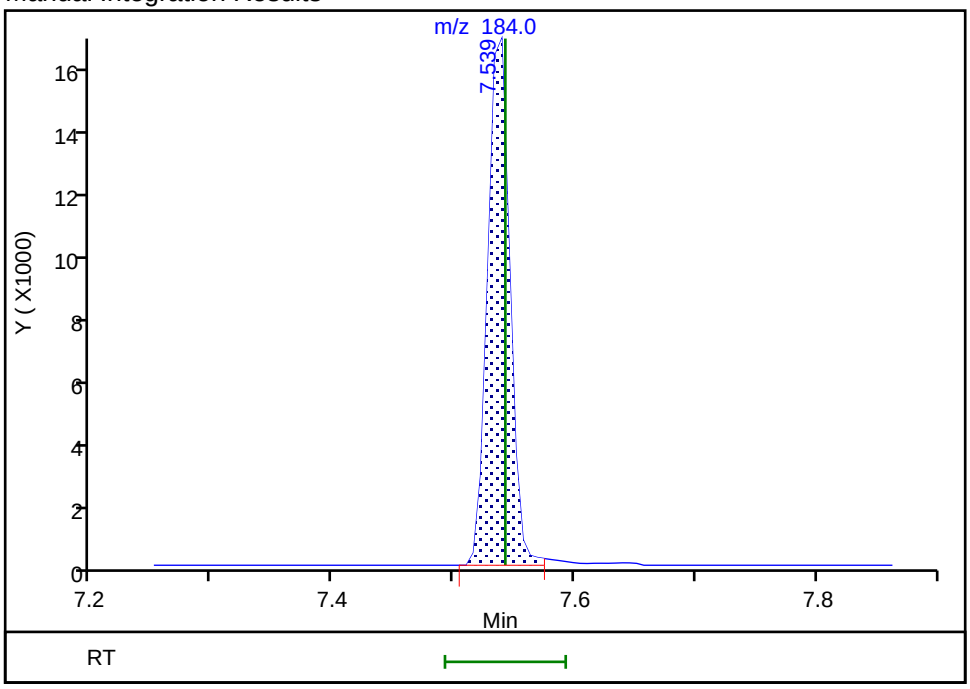
Processing Integration Results

RT: 7.57
Area: 292
Amount: 35.334324
Amount Units: ug/ml



Manual Integration Results

RT: 7.54
Area: 20568
Amount: 39.882641
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 11:34:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 29-Mar-2022 13:53:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40644.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Mar-2022 11:37:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-006
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:44 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 11:58:28

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.957	1.960	-0.003	96	6521	10.0	10.3	
	2 N-Nitrosodimethylamine	74	2.204	2.201	0.003	74	9182	10.0	9.31	
	3 Pyridine	79	2.240	2.237	0.003	84	32897	20.0	21.3	
$	4 2-Fluorophenol	112	3.357	3.360	-0.003	91	16540	10.0	9.12	
	5 Benzaldehyde	77	4.204	4.207	-0.003	89	14673	10.0	9.71	
$	6 Phenol-d5	99	4.234	4.237	-0.003	84	19936	10.0	9.25	
	7 Phenol	94	4.246	4.248	-0.002	80	22284	10.0	10.3	
	8 Aniline	93	4.298	4.301	-0.003	90	26362	10.0	10.1	
	9 Bis(2-chloroethyl)ether	93	4.351	4.360	-0.009	86	16253	10.0	10.5	
	11 2-Chlorophenol	128	4.410	4.413	-0.003	86	19301	10.0	10.4	
	12 n-Decane	43	4.445	4.448	-0.003	91	26844	10.0	10.3	
	13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	95	20662	10.0	10.4	
*	14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	96	52524	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.628	4.631	-0.003	81	20838	10.0	10.3	
	16 Benzyl alcohol	108	4.734	4.737	-0.003	89	11535	10.0	10.2	
	17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	90	19484	10.0	10.2	
	18 2-Methylphenol	108	4.828	4.831	-0.003	85	16051	10.0	10.3	
	19 2,2'-oxybis[1-chloropropane]	45	4.863	4.866	-0.003	61	32906	10.0	10.1	
	24 4-Methylphenol	108	4.975	4.978	-0.003	80	17847	10.0	10.2	
	23 3 & 4 Methylphenol	108	4.975	4.978	-0.003	76	17847	10.0	10.2	
	20 N-Methylaniline	106	4.981	4.984	-0.003	73	27656	10.0	10.1	
	22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	81	13531	10.0	10.5	
	21 Acetophenone	105	4.993	4.995	-0.002	91	25875	10.0	10.4	
	25 Hexachloroethane	117	5.098	5.095	0.003	88	7533	10.0	9.88	
$	26 Nitrobenzene-d5	82	5.134	5.142	-0.008	89	18936	10.0	9.22	
	27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	82	27090	10.0	10.0	
	28 Nitrobenzene	123	5.151	5.160	-0.009	87	8666	10.0	10.3	
	31 Isophorone	82	5.375	5.384	-0.009	96	33631	10.0	10.2	
	32 2-Nitrophenol	139	5.457	5.460	-0.003	89	10154	10.0	10.4	
	33 2,4-Dimethylphenol	122	5.481	5.484	-0.003	89	17220	10.0	10.8	
	35 Benzoic acid	122	5.522	5.572	-0.050	57	5649	10.0	8.50	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.581	5.584	-0.003	93	19803	10.0	10.0	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	93	14735	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	91	16485	10.0	10.4	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	197765	40.0	40.0	
39 Naphthalene	128	5.840	5.842	-0.002	98	53303	10.0	10.5	
40 4-Chloroaniline	127	5.887	5.889	-0.002	81	23313	10.0	10.6	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	81	14238	10.0	10.0	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	94	10136	10.0	10.0	
42 Caprolactam	113	6.198	6.219	-0.021	85	3904	10.0	10.0	
43 4-Chloro-3-methylphenol	107	6.334	6.342	-0.008	92	14717	10.0	10.3	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	76	35368	10.0	10.4	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	91	32376	10.0	10.4	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	86	13945	10.0	10.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.651	6.654	-0.003	96	17647	10.0	10.3	
48 2-tertbutyl-4-methylphenol	149	6.675	6.678	-0.003	74	20596	10.0	9.84	
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	89	11982	10.0	10.5	
50 2,4,5-Trichlorophenol	196	6.787	6.789	-0.002	91	12515	10.0	10.1	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	97	37229	10.0	9.01	
52 1,1'-Biphenyl	154	6.939	6.942	-0.003	96	42116	10.0	10.4	
53 2-Chloronaphthalene	162	6.957	6.960	-0.003	96	32451	10.0	10.3	
54 Phenyl ether	170	7.039	7.042	-0.003	84	21339	10.0	9.62	
56 2-Nitroaniline	65	7.051	7.054	-0.003	93	12420	10.0	9.78	
57 1,3-Dimethylnaphthalene	156	7.163	7.166	-0.003	88	24769	10.0	9.86	
58 Dimethyl phthalate	163	7.222	7.231	-0.009	97	36284	10.0	10.2	
59 Coumarin	146	7.251	7.254	-0.003	74	12293	10.0	9.91	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	7	8426	10.0	10.7	
61 Acenaphthylene	152	7.351	7.354	-0.003	97	53885	10.0	10.5	
64 3-Nitroaniline	138	7.439	7.442	-0.003	93	9559	10.0	10.2	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	107421	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.501	-0.003	93	28087	10.0	9.83	
67 Acenaphthene	154	7.516	7.519	-0.003	85	34250	10.0	10.4	
68 2,4-Dinitrophenol	184	7.534	7.542	-0.008	57	8445	20.0	18.6	a
69 4-Nitrophenol	65	7.581	7.589	-0.008	87	13192	20.0	19.3	
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	90	11234	10.0	10.5	
71 Dibenzofuran	168	7.681	7.683	-0.002	91	45613	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	7.786	7.789	-0.003	90	10355	10.0	10.1	
73 Diethyl phthalate	149	7.892	7.901	-0.009	95	37474	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	71	17891	10.0	10.4	
75 Fluorene	166	8.004	8.007	-0.003	80	35917	10.0	10.3	
76 4-Nitroaniline	138	8.010	8.025	-0.015	71	9463	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	8.039	8.048	-0.009	47	13020	20.0	20.4	
78 N-Nitrosodiphenylamine	169	8.110	8.119	-0.009	95	25786	10.0	10.0	
79 1,2-Diphenylhydrazine	77	8.151	8.154	-0.003	92	36276	10.0	10.1	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	88	8096	10.0	8.90	
81 4-Bromophenyl phenyl ether	248	8.463	8.472	-0.009	87	11470	10.0	10.2	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	93	15259	10.0	10.3	
84 Atrazine	200	8.616	8.619	-0.003	85	9575	10.0	9.23	
85 Pentachlorophenol	266	8.704	8.707	-0.003	89	18313	20.0	20.6	
86 Pentachloronitrobenzene	237	8.716	8.719	-0.003	84	5240	10.0	9.23	
87 n-Octadecane	57	8.786	8.789	-0.003	94	25308	10.0	9.83	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	201496	40.0	40.0	
89 Phenanthrene	178	8.910	8.919	-0.009	97	53762	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.963	8.966	-0.003	98	55702	10.0	10.4	
91 Carbazole	167	9.110	9.113	-0.003	83	50395	10.0	10.2	
92 Di-n-butyl phthalate	149	9.445	9.448	-0.003	99	62284	10.0	10.2	
93 Fluoranthene	202	10.039	10.042	-0.003	97	60394	10.0	10.3	
94 Benzidine	184	10.169	10.177	-0.008	98	34495	10.0	9.78	
95 Pyrene	202	10.263	10.266	-0.003	97	61390	10.0	10.2	
82 Bisphenol-A	213	10.304	10.307	-0.003	91	29130	10.0	9.83	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	98	48155	10.0	9.03	
97 Butyl benzyl phthalate	149	10.939	10.942	-0.003	95	24748	10.0	9.74	
99 Carbamazepine	193	11.051	11.060	-0.009	90	20874	10.0	8.91	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	99	22403	10.0	9.84	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	95	61180	10.0	10.2	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	98	194868	40.0	40.0	
103 Chrysene	228	11.610	11.619	-0.009	91	58691	10.0	10.5	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	67	37336	10.0	9.98	
105 Di-n-octyl phthalate	149	12.510	12.518	-0.008	93	65011	10.0	9.82	
106 Benzo[b]fluoranthene	252	13.016	13.024	-0.008	98	64671	10.0	10.2	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	99	66197	10.0	10.1	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	96	62338	10.0	10.2	
* 109 Perylene-d12	264	13.574	13.577	-0.003	99	230772	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.257	15.277	-0.020	99	60153	10.0	9.93	
111 Dibenz(a,h)anthracene	278	15.309	15.330	-0.021	96	66006	10.0	10.3	
112 Benzo[g,h,i]perylene	276	15.745	15.771	-0.026	92	66730	10.0	9.88	
S 119 Total Cresols	1				0			20.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L5_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:46 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40644.d

Injection Date: 29-Mar-2022 11:37:30 Instrument ID: CBNAMS5

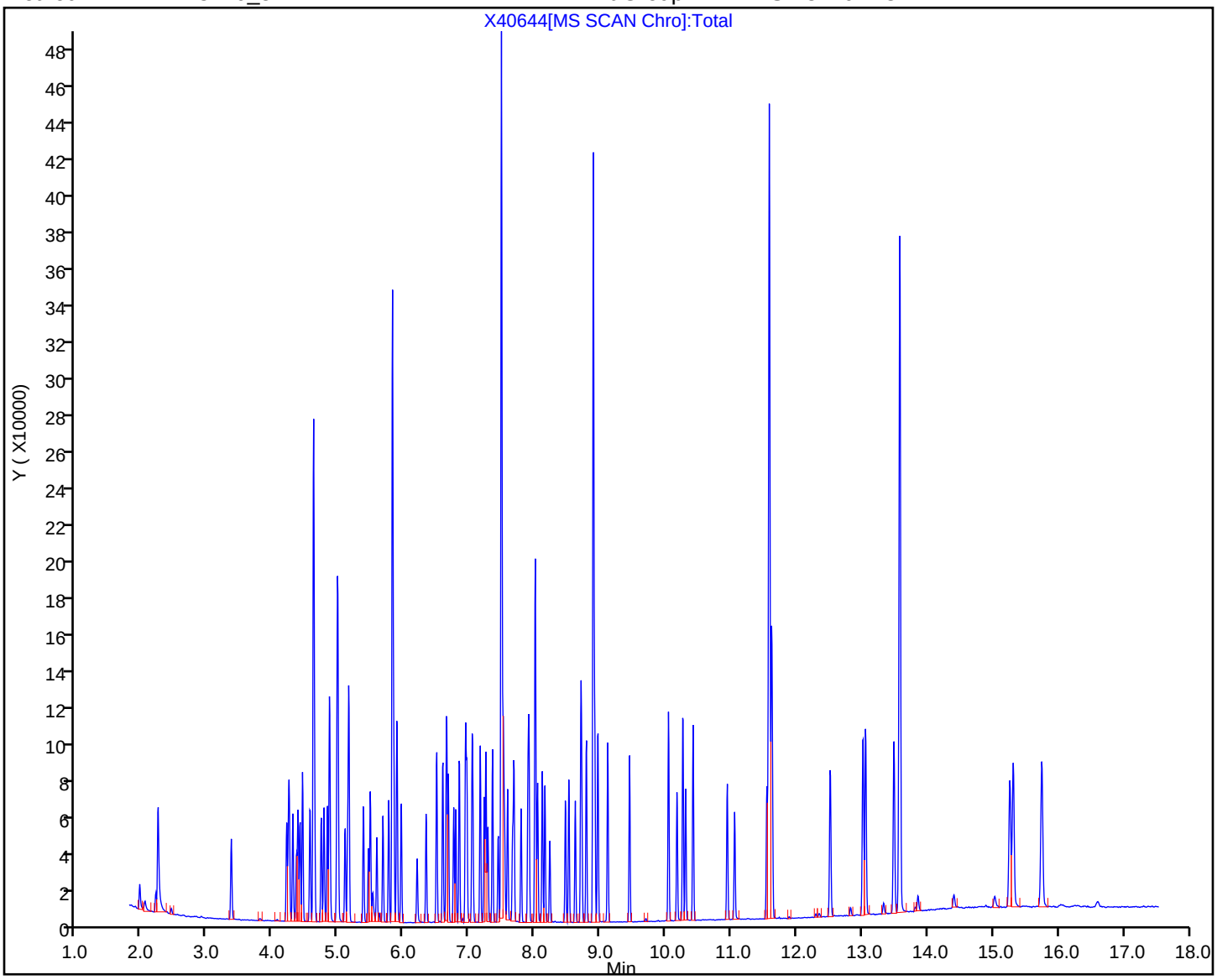
Lims ID: STD10

Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

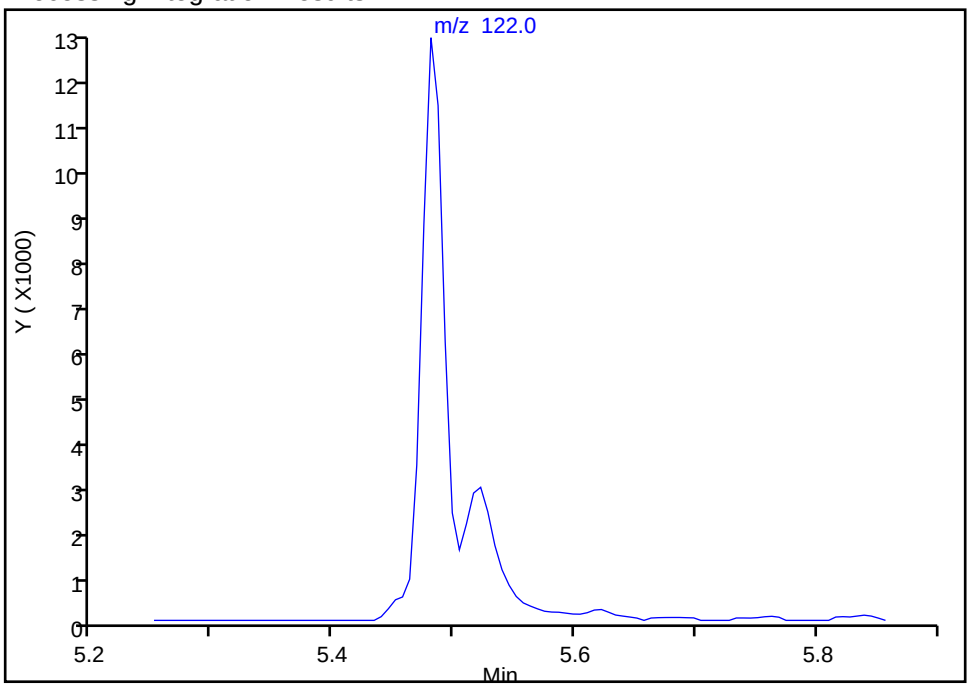
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Injection Date: 29-Mar-2022 11:37:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

35 Benzoic acid, CAS: 65-85-0

Signal: 1

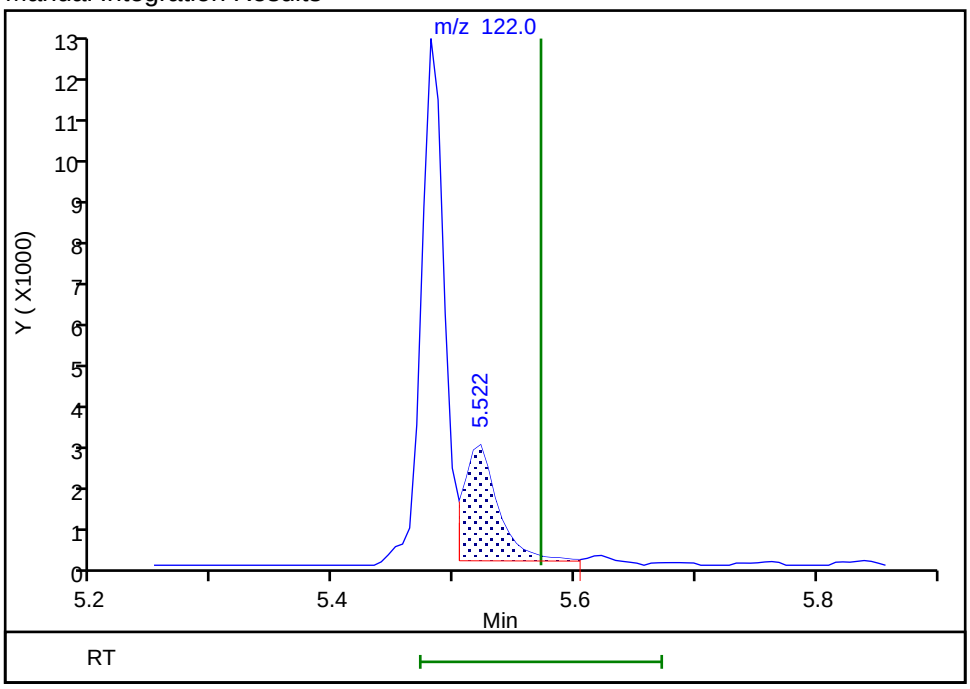
Not Detected
Expected RT: 5.57

Processing Integration Results



Manual Integration Results

RT: 5.52
Area: 5649
Amount: 8.496326
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 11:57:41
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

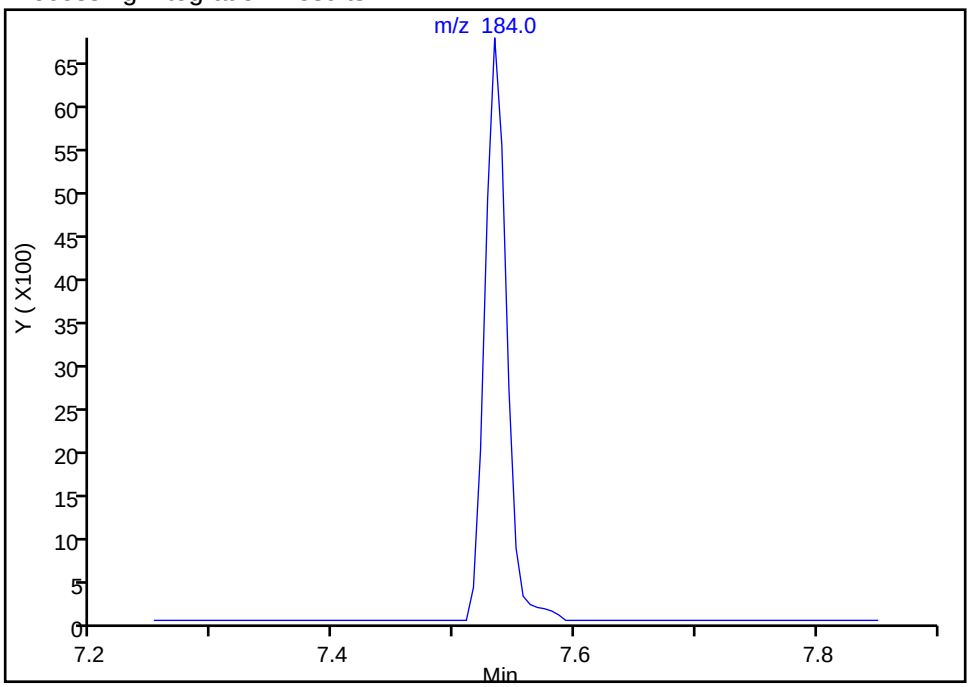
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40644.d
Injection Date: 29-Mar-2022 11:37:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

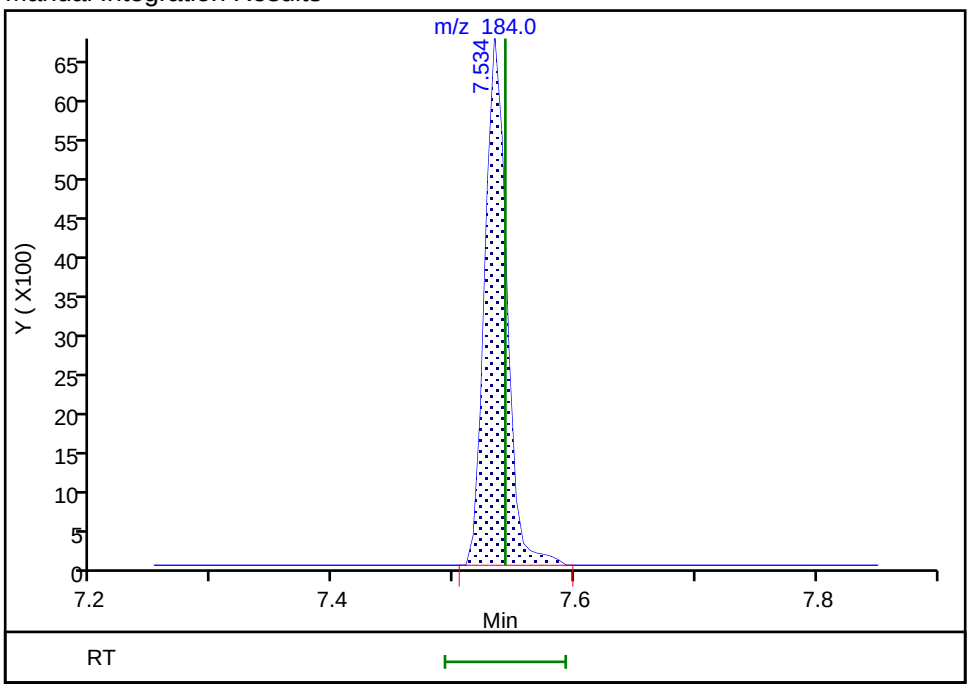
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.53
Area: 8445
Amount: 18.560324
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 11:57:50
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Report Date: 29-Mar-2022 13:53:50 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40645.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Mar-2022 12:02:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-007
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:49 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 12:24:08

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.957	1.960	-0.003	94	3502	5.00	5.14	
	2 N-Nitrosodimethylamine	74	2.210	2.201	0.009	69	4724	5.00	4.46	
	3 Pyridine	79	2.246	2.237	0.009	84	16884	10.0	10.2	
$	4 2-Fluorophenol	112	3.357	3.360	-0.003	92	9488	5.00	4.87	
	5 Benzaldehyde	77	4.204	4.207	-0.003	89	8330	5.00	5.13	
$	6 Phenol-d5	99	4.234	4.237	-0.003	91	11147	5.00	4.81	
	7 Phenol	94	4.246	4.248	-0.002	80	12200	5.00	5.23	
	8 Aniline	93	4.298	4.301	-0.003	98	14169	5.00	5.06	
	9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	85	8375	5.00	5.04	
	11 2-Chlorophenol	128	4.410	4.413	-0.003	86	10052	5.00	5.04	
	12 n-Decane	43	4.446	4.448	-0.002	91	14522	5.00	5.16	
	13 1,3-Dichlorobenzene	146	4.563	4.560	0.003	94	11093	5.00	5.18	
*	14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	56444	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.628	4.631	-0.003	76	11297	5.00	5.21	
	16 Benzyl alcohol	108	4.734	4.737	-0.003	89	6244	5.00	5.12	
	17 1,2-Dichlorobenzene	146	4.775	4.778	-0.003	89	10852	5.00	5.28	
	18 2-Methylphenol	108	4.828	4.831	-0.003	83	8467	5.00	5.05	
	19 2,2'-oxybis[1-chloropropane]	45	4.863	4.866	-0.003	61	17357	5.00	4.97	
	24 4-Methylphenol	108	4.975	4.978	-0.003	80	9744	5.00	5.19	
	23 3 & 4 Methylphenol	108	4.975	4.978	-0.003	76	9744	5.00	5.19	
	20 N-Methylaniline	106	4.981	4.984	-0.003	73	14961	5.00	5.08	
	22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	82	7457	5.00	5.37	
	21 Acetophenone	105	4.993	4.995	-0.002	90	14101	5.00	5.29	
	25 Hexachloroethane	117	5.098	5.095	0.003	89	4309	5.00	5.26	
$	26 Nitrobenzene-d5	82	5.134	5.142	-0.008	88	10736	5.00	4.83	
	28 Nitrobenzene	123	5.151	5.160	-0.009	86	4700	5.00	5.22	
	27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	80	14755	5.00	5.09	
	31 Isophorone	82	5.375	5.384	-0.009	95	18049	5.00	5.07	
	32 2-Nitrophenol	139	5.457	5.460	-0.003	83	5176	5.00	4.90	
	33 2,4-Dimethylphenol	122	5.481	5.484	-0.003	88	9432	5.00	5.48	
	35 Benzoic acid	122	5.510	5.572	-0.062	26	2336	5.00	5.34	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.581	5.584	-0.003	96	11102	5.00	5.19	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	91	7938	5.00	5.09	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	90	8984	5.00	5.22	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	214077	40.0	40.0	
39 Naphthalene	128	5.840	5.842	-0.002	98	29018	5.00	5.29	
40 4-Chloroaniline	127	5.887	5.889	-0.002	81	12400	5.00	5.19	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	80	8098	5.00	5.27	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	91	5644	5.00	5.15	
42 Caprolactam	113	6.192	6.219	-0.027	80	2121	5.00	5.04	a
43 4-Chloro-3-methylphenol	107	6.334	6.342	-0.008	90	7910	5.00	5.10	
44 2-Methylnaphthalene	142	6.498	6.501	-0.003	83	19626	5.00	5.32	
45 1-Methylnaphthalene	142	6.592	6.595	-0.003	83	17491	5.00	5.19	
46 Hexachlorocyclopentadiene	237	6.645	6.648	-0.003	84	7602	5.00	5.01	
47 1,2,4,5-Tetrachlorobenzene	216	6.651	6.654	-0.003	94	9658	5.00	5.04	
48 2-tertbutyl-4-methylphenol	149	6.675	6.678	-0.003	74	11295	5.00	4.99	
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	87	6607	5.00	5.17	
50 2,4,5-Trichlorophenol	196	6.787	6.789	-0.002	86	6730	5.00	4.88	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	96	22667	5.00	4.92	
52 1,1'-Biphenyl	154	6.939	6.942	-0.003	97	22925	5.00	5.10	
53 2-Chloronaphthalene	162	6.957	6.960	-0.003	96	18162	5.00	5.15	
54 Phenyl ether	170	7.039	7.042	-0.003	83	12436	5.00	5.02	
56 2-Nitroaniline	65	7.051	7.054	-0.003	90	7124	5.00	5.02	
57 1,3-Dimethylnaphthalene	156	7.163	7.166	-0.003	87	13988	5.00	4.99	
58 Dimethyl phthalate	163	7.222	7.231	-0.009	97	20795	5.00	5.23	
59 Coumarin	146	7.251	7.254	-0.003	73	7085	5.00	5.28	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	10	4516	5.00	5.13	
61 Acenaphthylene	152	7.351	7.354	-0.003	96	29852	5.00	5.23	
64 3-Nitroaniline	138	7.439	7.442	-0.003	93	5268	5.00	5.06	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	119884	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.501	-0.003	72	15945	5.00	5.00	
67 Acenaphthene	154	7.516	7.519	-0.003	70	18830	5.00	5.14	
68 2,4-Dinitrophenol	184	7.534	7.542	-0.008	36	4033	10.0	9.52	a
69 4-Nitrophenol	65	7.581	7.589	-0.008	86	6987	10.0	9.17	
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	86	5971	5.00	4.99	
71 Dibenzofuran	168	7.681	7.683	-0.002	88	25901	5.00	5.31	
72 2,3,4,6-Tetrachlorophenol	232	7.786	7.789	-0.003	86	5682	5.00	4.96	
73 Diethyl phthalate	149	7.892	7.901	-0.009	95	20983	5.00	5.20	
74 4-Chlorophenyl phenyl ether	204	8.004	8.007	-0.003	71	10097	5.00	5.25	
75 Fluorene	166	8.004	8.007	-0.003	80	20177	5.00	5.17	
76 4-Nitroaniline	138	8.010	8.025	-0.015	70	5086	5.00	4.87	
77 4,6-Dinitro-2-methylphenol	198	8.039	8.048	-0.009	41	6957	10.0	9.75	
78 N-Nitrosodiphenylamine	169	8.110	8.119	-0.009	97	15299	5.00	5.32	
79 1,2-Diphenylhydrazine	77	8.151	8.154	-0.003	95	19798	5.00	4.93	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	81	4822	5.00	4.75	
81 4-Bromophenyl phenyl ether	248	8.463	8.472	-0.009	84	6272	5.00	4.97	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	91	8477	5.00	5.13	
84 Atrazine	200	8.616	8.619	-0.003	82	5652	5.00	4.87	
85 Pentachlorophenol	266	8.704	8.707	-0.003	88	9841	10.0	9.88	
86 Pentachloronitrobenzene	237	8.716	8.719	-0.003	80	3244	5.00	5.11	
87 n-Octadecane	57	8.786	8.789	-0.003	92	14535	5.00	5.05	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	225342	40.0	40.0	
89 Phenanthrene	178	8.916	8.919	-0.003	96	31213	5.00	5.32	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.963	8.966	-0.003	97	30991	5.00	5.17	
91 Carbazole	167	9.110	9.113	-0.003	83	29177	5.00	5.30	
92 Di-n-butyl phthalate	149	9.445	9.448	-0.003	98	33995	5.00	5.00	
93 Fluoranthene	202	10.039	10.042	-0.003	97	34039	5.00	5.20	
94 Benzidine	184	10.169	10.177	-0.008	96	19725	5.00	5.00	
95 Pyrene	202	10.263	10.266	-0.003	97	34859	5.00	5.05	
82 Bisphenol-A	213	10.304	10.307	-0.003	89	15901	5.00	4.67	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	96	29082	5.00	4.75	
97 Butyl benzyl phthalate	149	10.939	10.942	-0.003	94	13685	5.00	4.69	
99 Carbamazepine	193	11.051	11.060	-0.009	89	10648	5.00	3.96	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	96	12463	5.00	4.77	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	72	33915	5.00	4.94	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	98	223642	40.0	40.0	
103 Chrysene	228	11.616	11.619	-0.003	91	33352	5.00	5.22	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.624	0.003	68	20459	5.00	4.76	
105 Di-n-octyl phthalate	149	12.516	12.518	-0.002	90	33527	5.00	4.55	
106 Benzo[b]fluoranthene	252	13.016	13.024	-0.008	97	36627	5.00	5.17	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	99	36532	5.00	5.03	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	96	33937	5.00	4.98	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	256746	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.257	15.277	-0.020	99	33384	5.00	4.95	
111 Dibenz(a,h)anthracene	278	15.310	15.330	-0.020	42	35664	5.00	5.01	
112 Benzo[g,h,i]perylene	276	15.739	15.771	-0.032	91	36879	5.00	4.91	
S 119 Total Cresols	1				0			10.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L4_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:51 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40645.d

Injection Date: 29-Mar-2022 12:02:30 Instrument ID: CBNAMS5

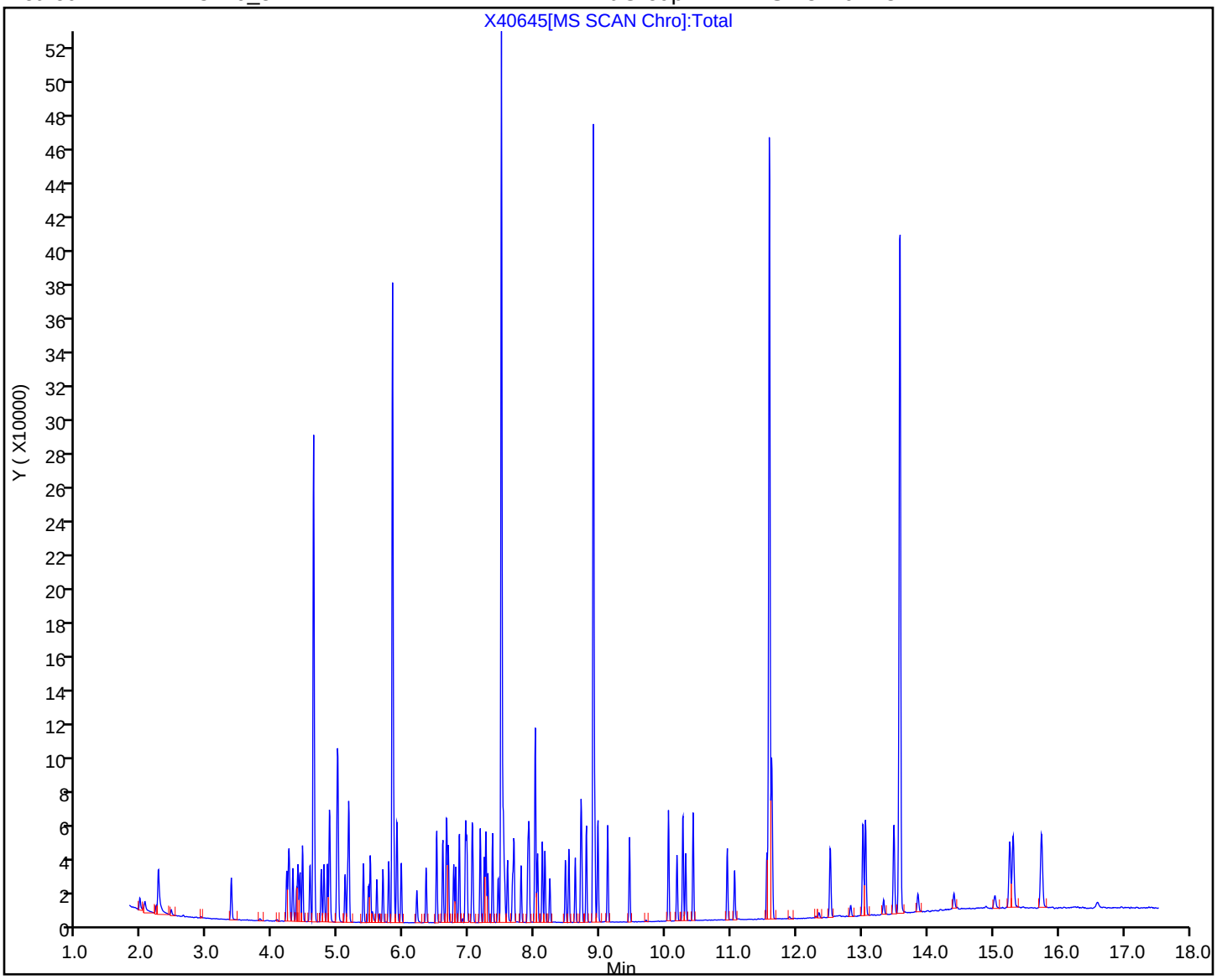
Lims ID: STD5

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

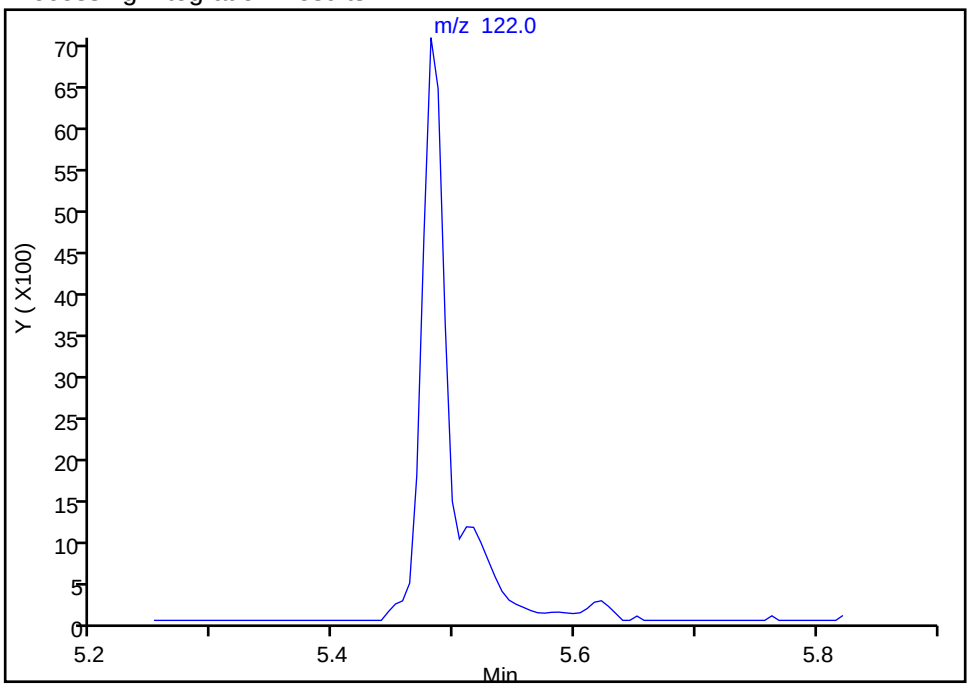
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Injection Date: 29-Mar-2022 12:02:30 Instrument ID: CBNAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

35 Benzoic acid, CAS: 65-85-0

Signal: 1

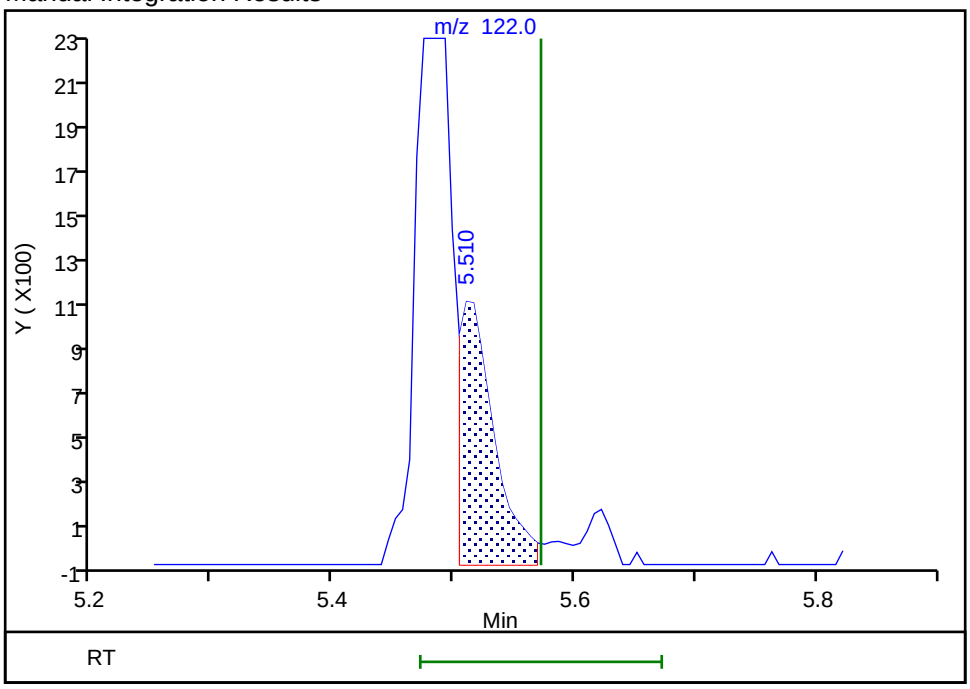
Not Detected
Expected RT: 5.57

Processing Integration Results



Manual Integration Results

RT: 5.51
Area: 2336
Amount: 5.335033
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 12:23:50
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

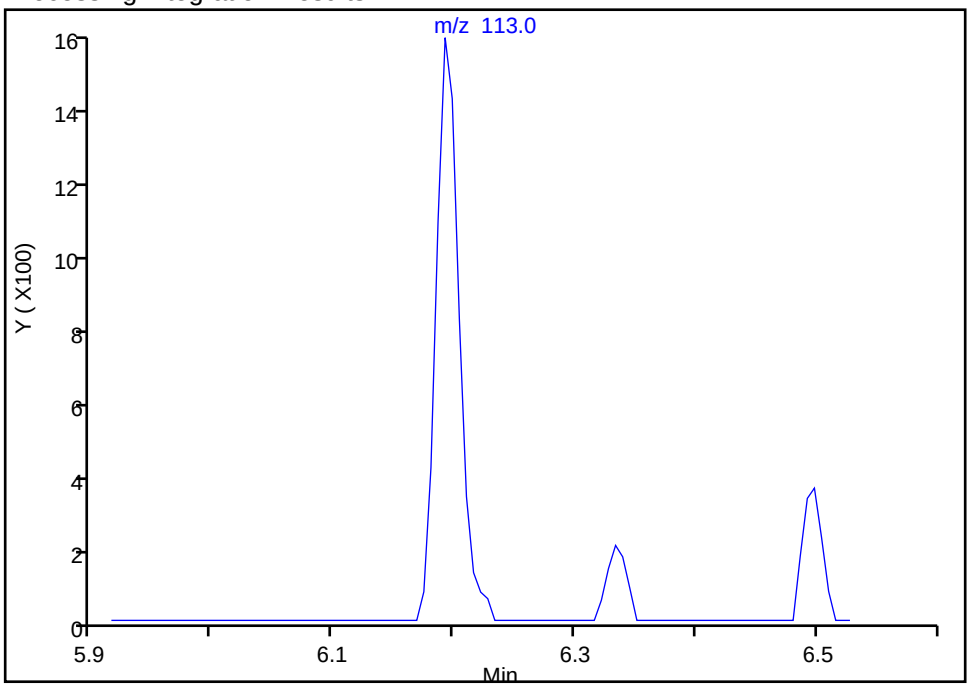
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Injection Date: 29-Mar-2022 12:02:30 Instrument ID: CBNAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

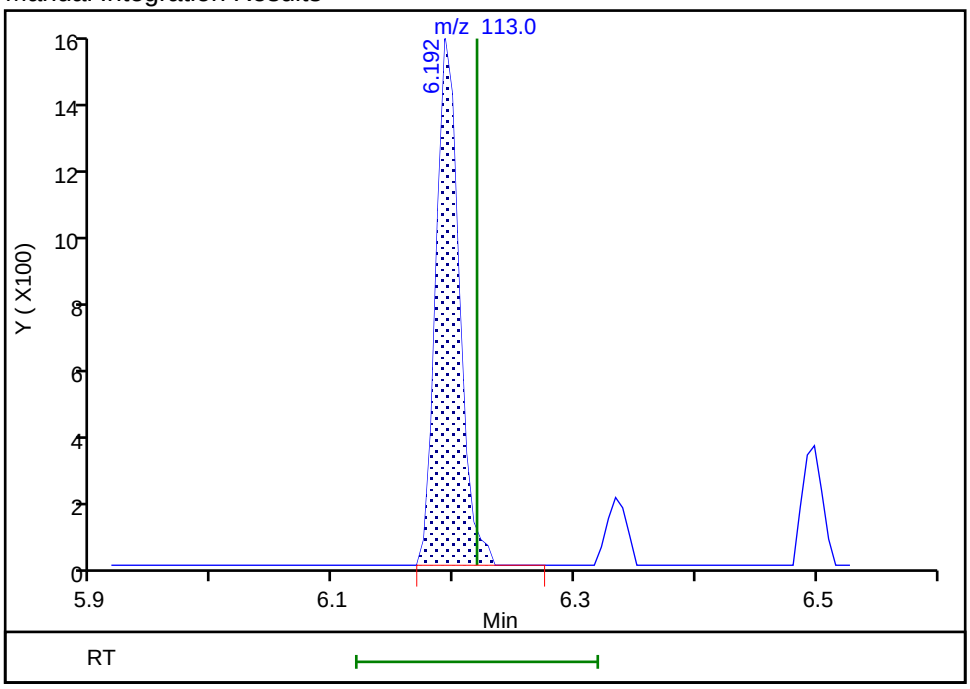
Not Detected
Expected RT: 6.22

Processing Integration Results



Manual Integration Results

RT: 6.19
Area: 2121
Amount: 5.036572
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 12:23:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

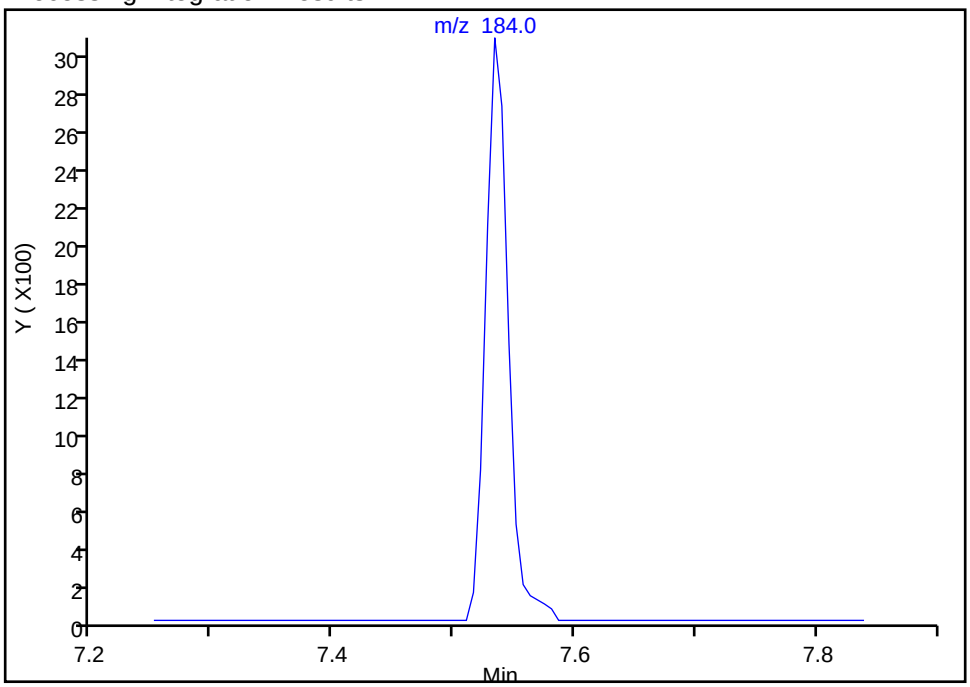
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Injection Date: 29-Mar-2022 12:02:30 Instrument ID: CBNAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

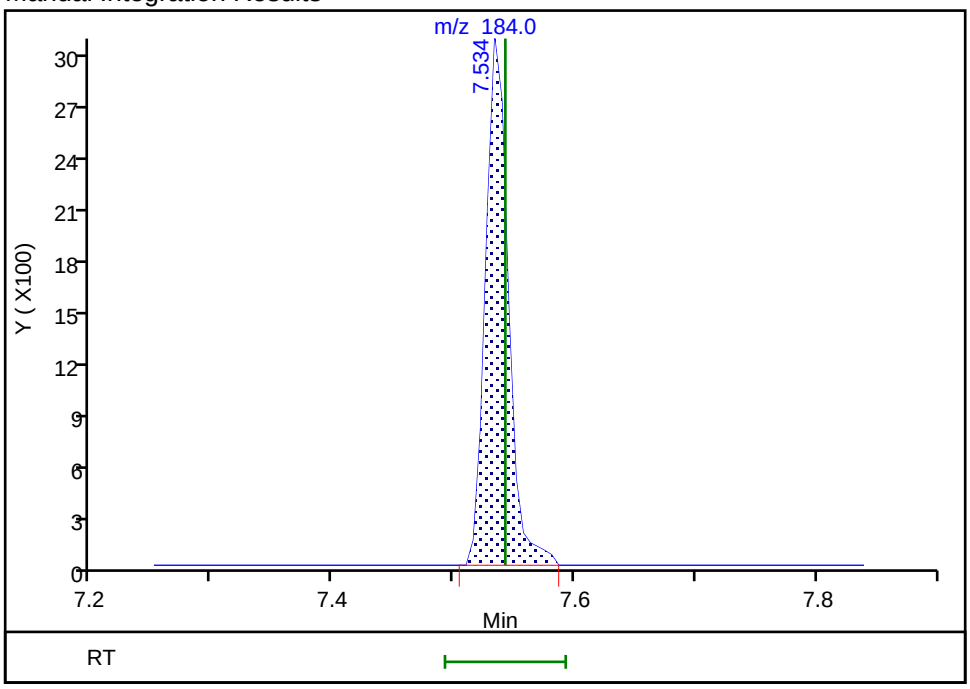
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.53
Area: 4033
Amount: 9.521992
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 12:23:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 29-Mar-2022 13:53:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Mar-2022 12:26:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-008
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:53 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 12:52:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.963	1.960	0.003	83	1221	2.00	1.88	
3 Pyridine	79	2.257	2.237	0.020	81	5450	4.00	3.44	
$ 4 2-Fluorophenol	112	3.357	3.360	-0.003	88	4235	2.00	2.28	
5 Benzaldehyde	77	4.204	4.207	-0.003	84	3051	2.00	1.97	
$ 6 Phenol-d5	99	4.228	4.237	-0.009	90	4963	2.00	2.25	
9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	74	3290	2.00	2.07	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	53839	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	78	2490	2.00	1.88	
25 Hexachloroethane	117	5.098	5.095	0.003	82	1459	2.00	1.87	
$ 26 Nitrobenzene-d5	82	5.134	5.142	-0.008	82	4987	2.00	2.36	
27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	78	5235	2.00	1.89	
28 Nitrobenzene	123	5.151	5.160	-0.009	87	1669	2.00	1.94	
31 Isophorone	82	5.375	5.384	-0.009	91	6415	2.00	1.89	
36 2,4-Dichlorophenol	162	5.675	5.678	-0.003	86	2817	2.00	1.90	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	84	3306	2.00	2.02	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	203733	40.0	40.0	
130 2,6-Dichlorophenol	162	5.892	5.895	-0.003	81	2869	2.00	1.96	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	82	2081	2.00	2.00	
42 Caprolactam	113	6.192	6.219	-0.027	73	716	2.00	1.79	M
49 2,4,6-Trichlorophenol	196	6.757	6.760	-0.003	78	2217	2.00	1.86	
$ 51 2-Fluorobiphenyl	172	6.845	6.848	-0.003	92	10310	2.00	2.40	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	1	1483	2.00	1.81	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	98	111773	40.0	40.0	
68 2,4-Dinitrophenol	184	7.534	7.542	-0.008	14	758	4.00	4.12	a
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	78	2162	2.00	1.94	a
77 4,6-Dinitro-2-methylphenol	198	8.039	8.048	-0.009	30	2139	4.00	3.17	
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	55	2102	2.00	2.22	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	75	2970	2.00	1.90	
84 Atrazine	200	8.616	8.619	-0.003	56	2110	2.00	1.92	
85 Pentachlorophenol	266	8.704	8.707	-0.003	75	3143	4.00	3.33	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	213490	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	91	13167	2.00	2.33	
100 3,3'-Dichlorobenzidine	252	11.545	11.548	-0.003	75	4356	2.00	1.80	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	54	12379	2.00	1.95	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	99	206603	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.010	13.024	-0.014	95	12767	2.00	1.91	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	95	12279	2.00	1.80	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	93	12090	2.00	1.88	
* 109 Perylene-d12	264	13.580	13.577	0.003	99	241864	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.257	15.277	-0.020	98	11512	2.00	1.81	a
111 Dibenz(a,h)anthracene	278	15.304	15.330	-0.026	39	12246	2.00	1.83	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L3_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:54 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d

Injection Date: 29-Mar-2022 12:26:30 Instrument ID: CBNAMS5

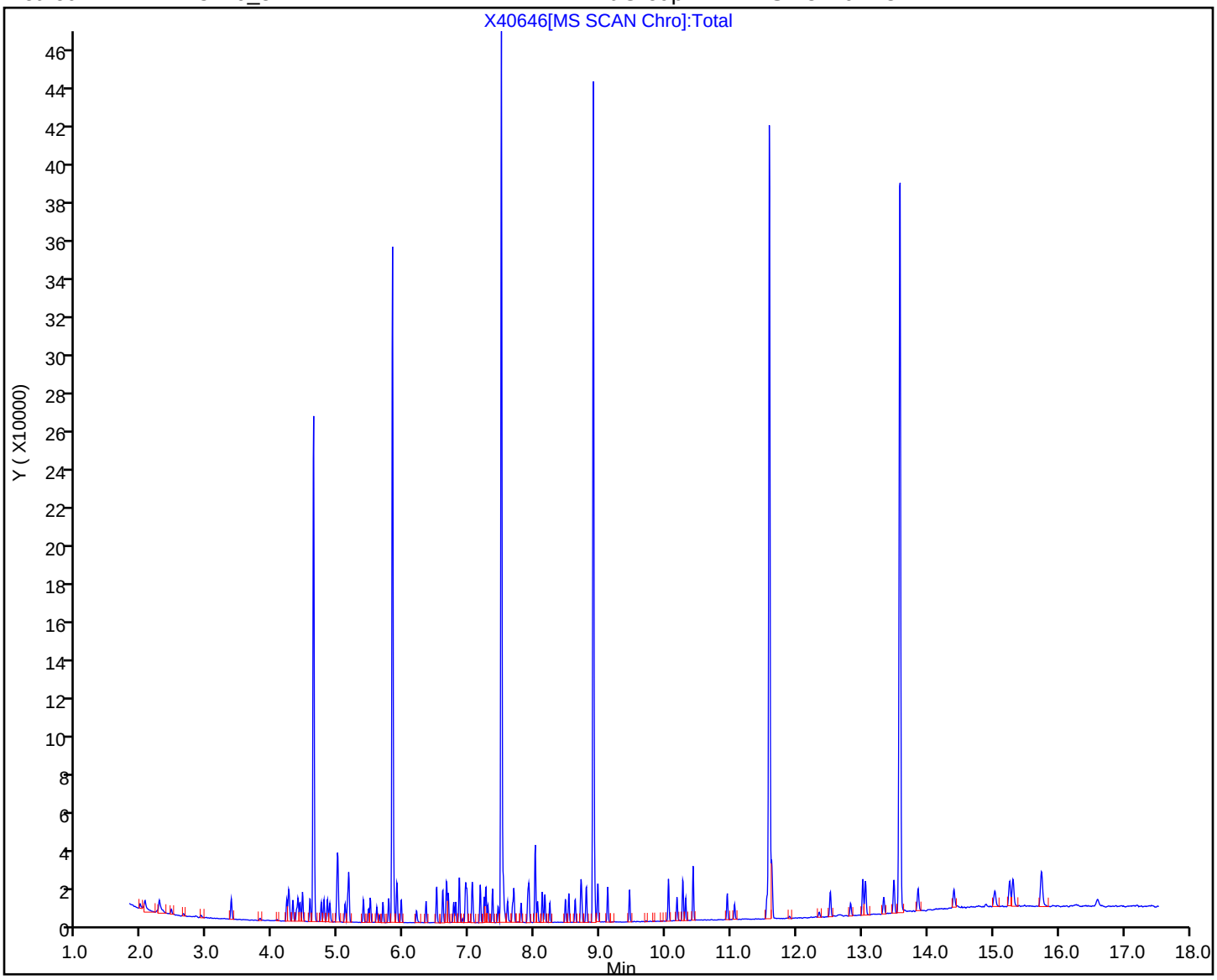
Lims ID: STD2

Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

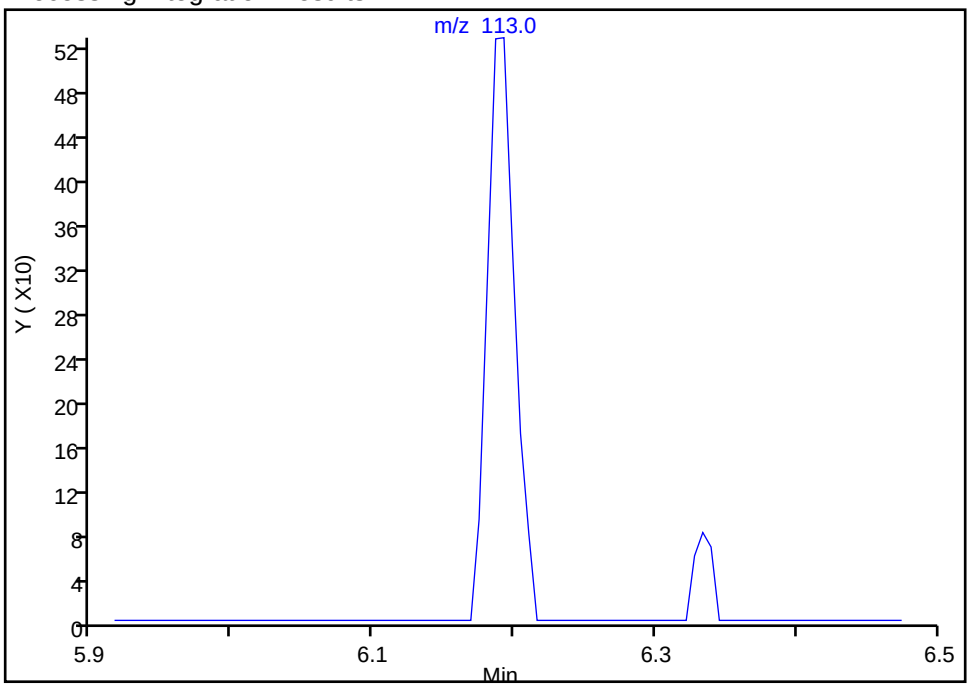
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d
Injection Date: 29-Mar-2022 12:26:30 Instrument ID: CBNAMS5
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

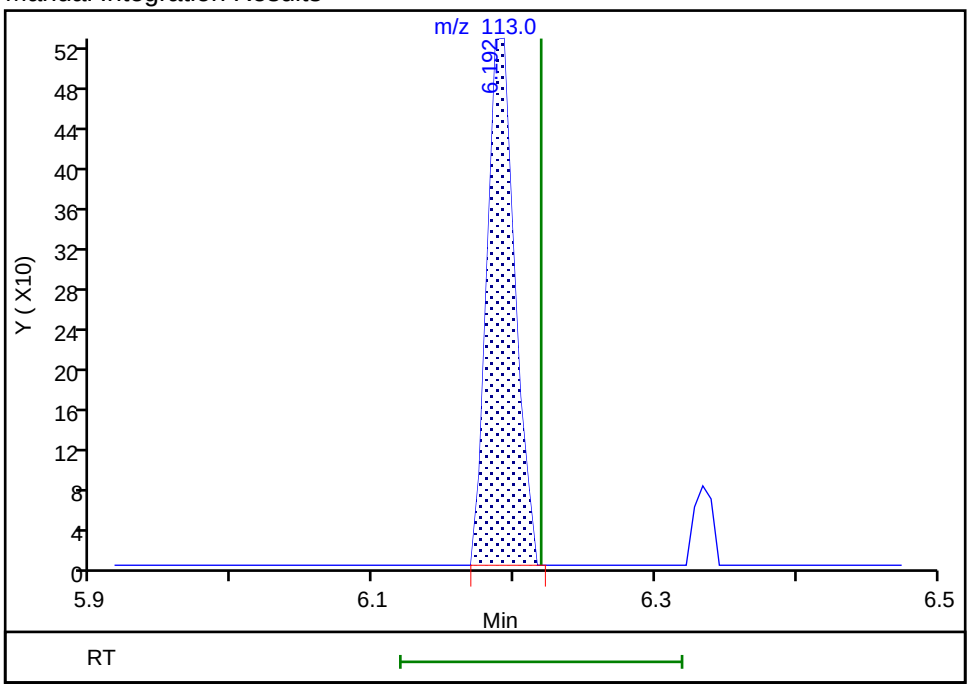
Not Detected
Expected RT: 6.22

Processing Integration Results



Manual Integration Results

RT: 6.19
Area: 716
Amount: 1.786554
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 12:50:13
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

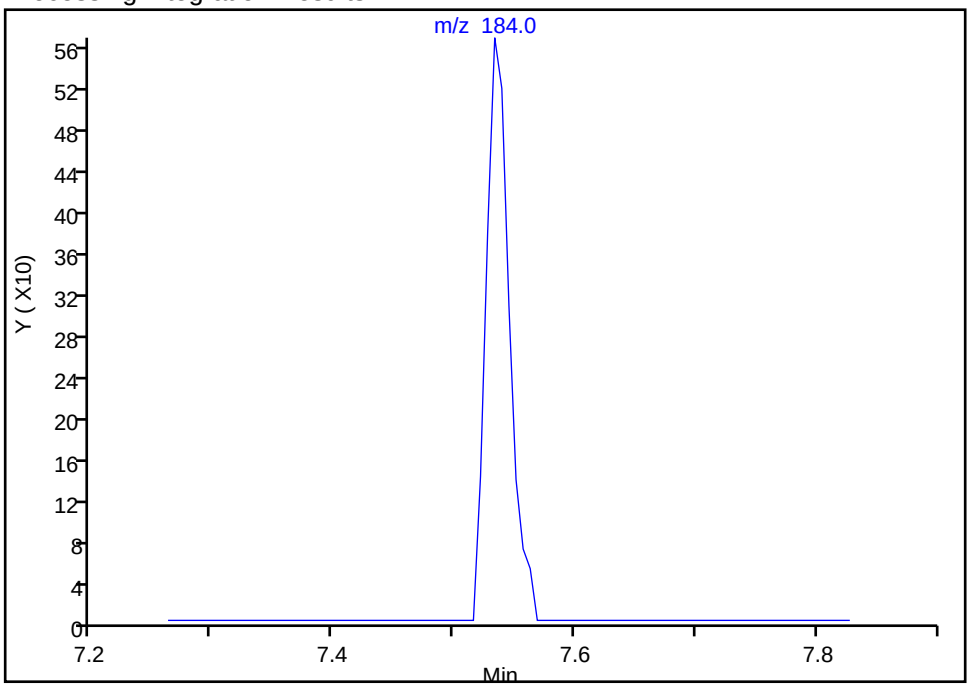
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d
Injection Date: 29-Mar-2022 12:26:30 Instrument ID: CBNAMS5
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

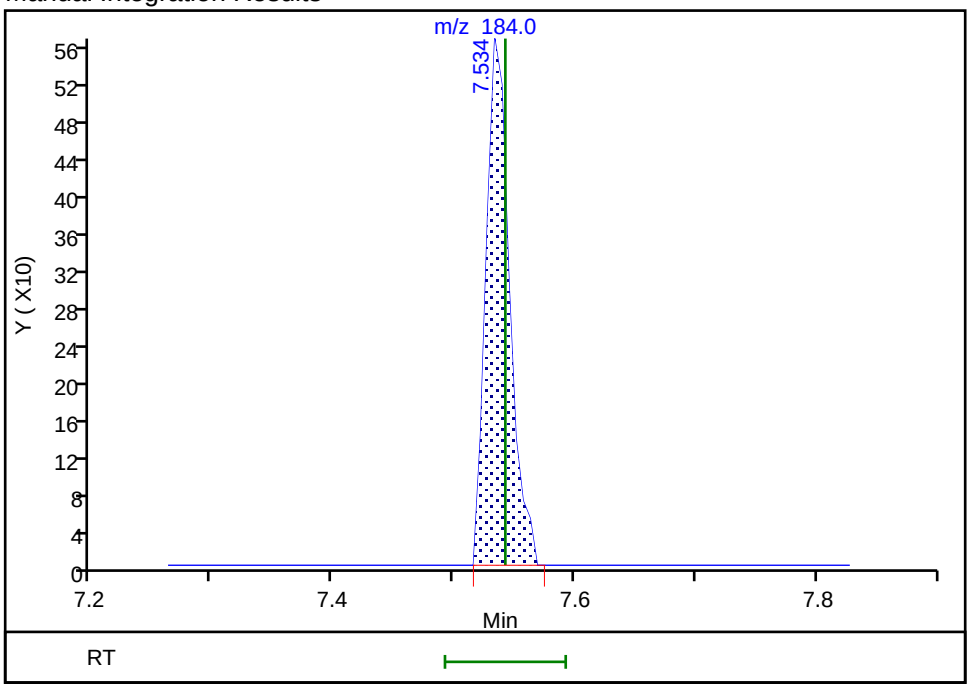
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.53
Area: 758
Amount: 4.124272
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 12:52:11
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

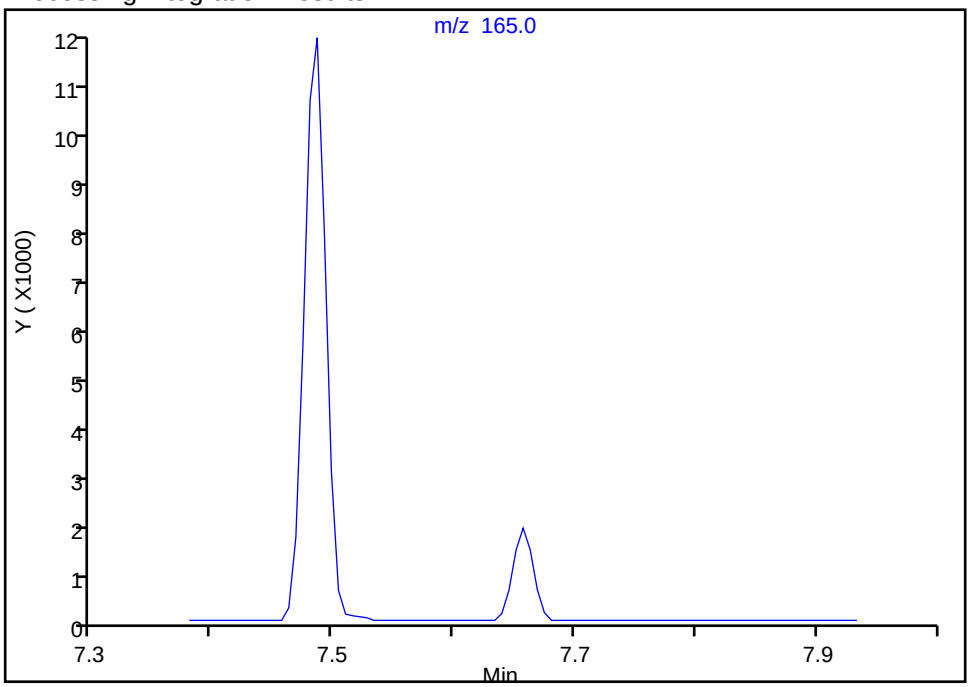
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d
Injection Date: 29-Mar-2022 12:26:30 Instrument ID: CBNAMS5
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

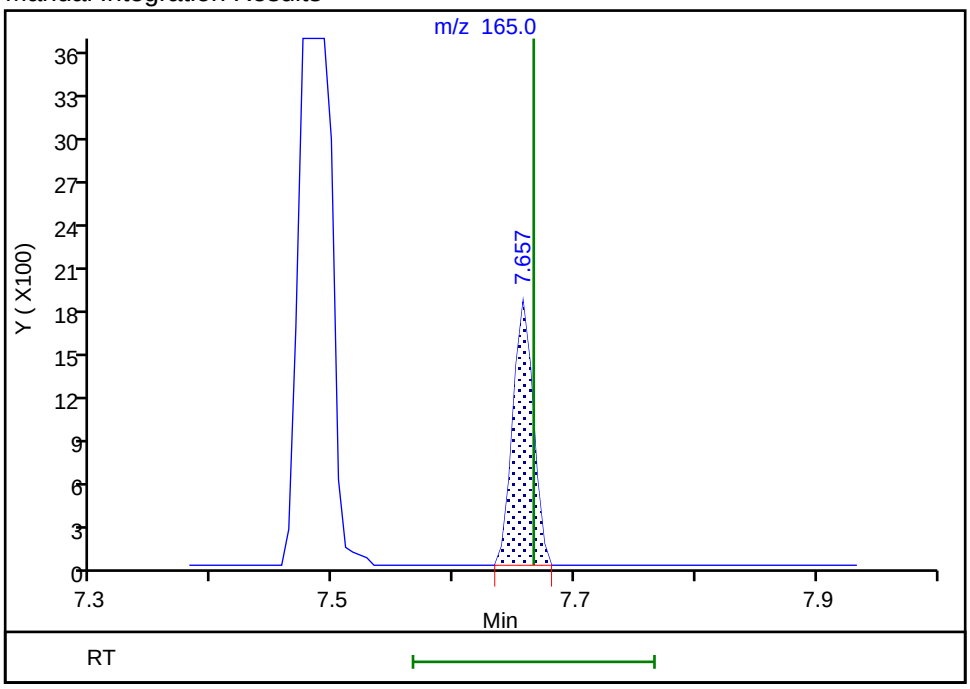
Not Detected
Expected RT: 7.67

Processing Integration Results



Manual Integration Results

RT: 7.66
Area: 2162
Amount: 1.937203
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 12:52:14
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

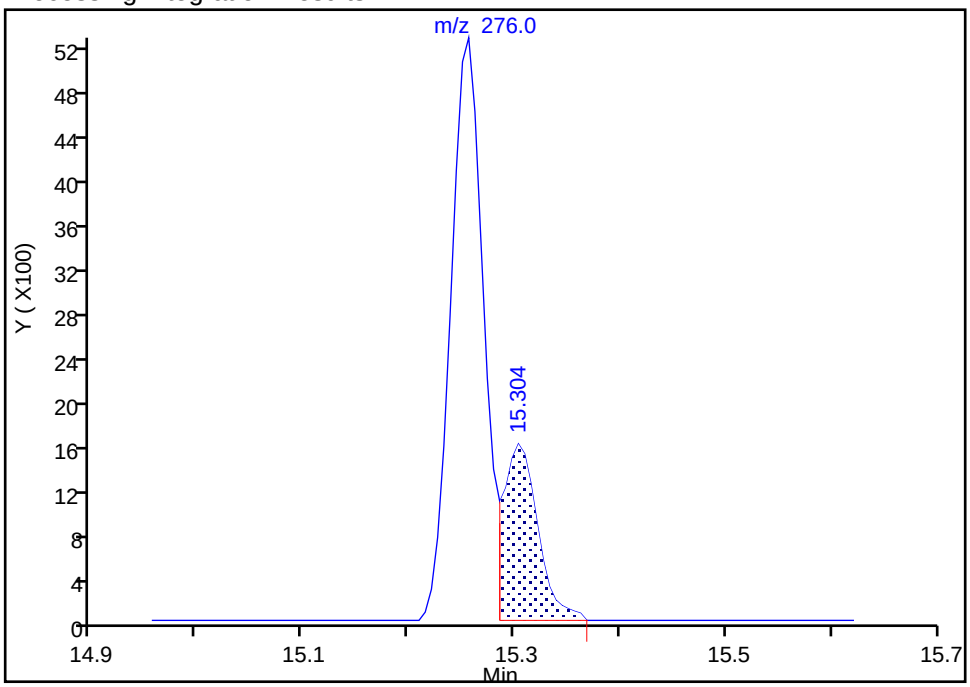
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40646.d				
Injection Date:	29-Mar-2022 12:26:30	Instrument ID:	CBNAMS5		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

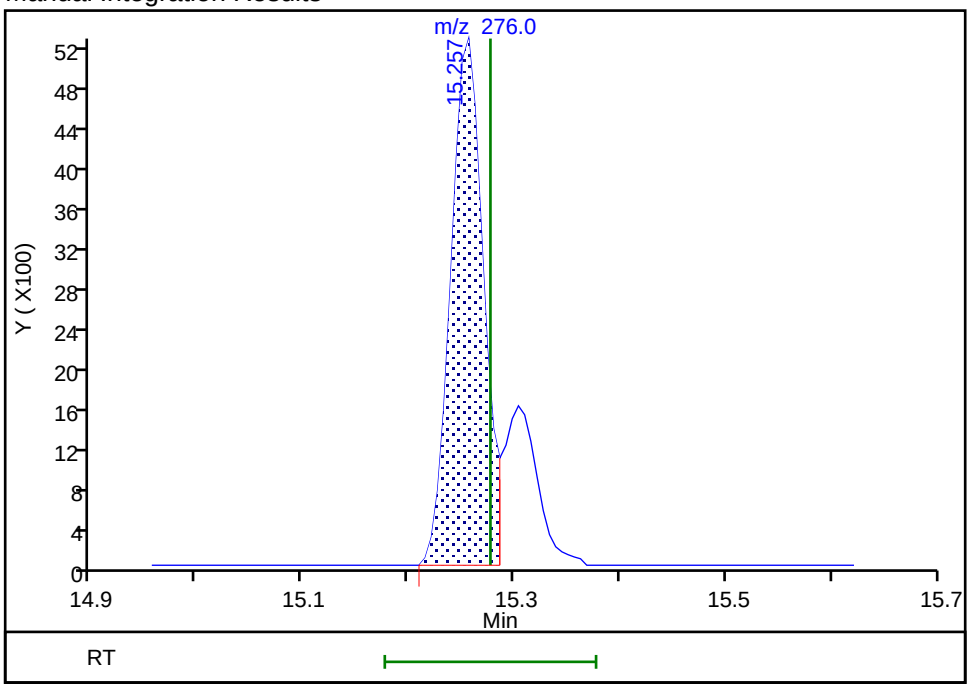
Processing Integration Results

RT: 15.30
Area: 3687
Amount: 1.887783
Amount Units: ug/ml



Manual Integration Results

RT: 15.26
Area: 11512
Amount: 1.813504
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 12:52:18

Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Report Date: 29-Mar-2022 13:53:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40647.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Mar-2022 12:51:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-009
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:56 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 13:11:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.963	1.960	0.003	72	581	1.00	0.9216	
3 Pyridine	79	2.275	2.237	0.038	70	2302	2.00	1.50	
$ 4 2-Fluorophenol	112	3.358	3.360	-0.002	77	1885	1.00	1.05	
5 Benzaldehyde	77	4.205	4.207	-0.003	83	1604	1.00	1.07	
$ 6 Phenol-d5	99	4.228	4.237	-0.009	84	2210	1.00	1.03	
9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	59	1489	1.00	0.9679	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	52210	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	69	1217	1.00	0.9469	
25 Hexachloroethane	117	5.099	5.095	0.004	74	753	1.00	0.99	
$ 26 Nitrobenzene-d5	82	5.134	5.142	-0.008	72	2078	1.00	1.01	
28 Nitrobenzene	123	5.152	5.160	-0.008	76	795	1.00	0.9550	
27 n,n'-Dimethylaniline	120	5.157	5.160	-0.003	71	2654	1.00	0.99	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	57	1593	1.00	1.00	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	198298	40.0	40.0	
41 Hexachlorobutadiene	225	5.957	5.954	0.003	54	1086	1.00	1.07	
42 Caprolactam	113	6.193	6.219	-0.026	55	278	1.00	0.7127	M
$ 51 2-Fluorobiphenyl	172	6.840	6.848	-0.008	78	4473	1.00	1.05	
60 2,6-Dinitrotoluene	165	7.281	7.289	-0.008	1	783	1.00	0.9625	
* 65 Acenaphthene-d10	164	7.487	7.489	-0.002	98	110872	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.657	7.666	-0.009	51	1027	1.00	0.9277	a
$ 80 2,4,6-Tribromophenol	330	8.228	8.231	-0.002	1	981	1.00	1.04	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	58	1550	1.00	1.02	
84 Atrazine	200	8.616	8.619	-0.003	32	1072	1.00	1.00	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	208257	40.0	40.0	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	75	6136	1.00	1.08	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	46	6557	1.00	1.03	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	99	207266	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.010	13.024	-0.014	89	6506	1.00	0.9709	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	88	6950	1.00	1.01	
108 Benzo[a]pyrene	252	13.480	13.501	-0.021	89	6375	1.00	0.9895	
* 109 Perylene-d12	264	13.574	13.577	-0.003	99	242849	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
110 Indeno[1,2,3-cd]pyrene	276	15.251	15.277	-0.026	88	5635	1.00	0.8841	
111 Dibenz(a,h)anthracene	278	15.304	15.330	-0.026	38	6448	1.00	0.9571	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L2_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:53:57 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40647.d

Injection Date: 29-Mar-2022 12:51:30 Instrument ID: CBNAMS5

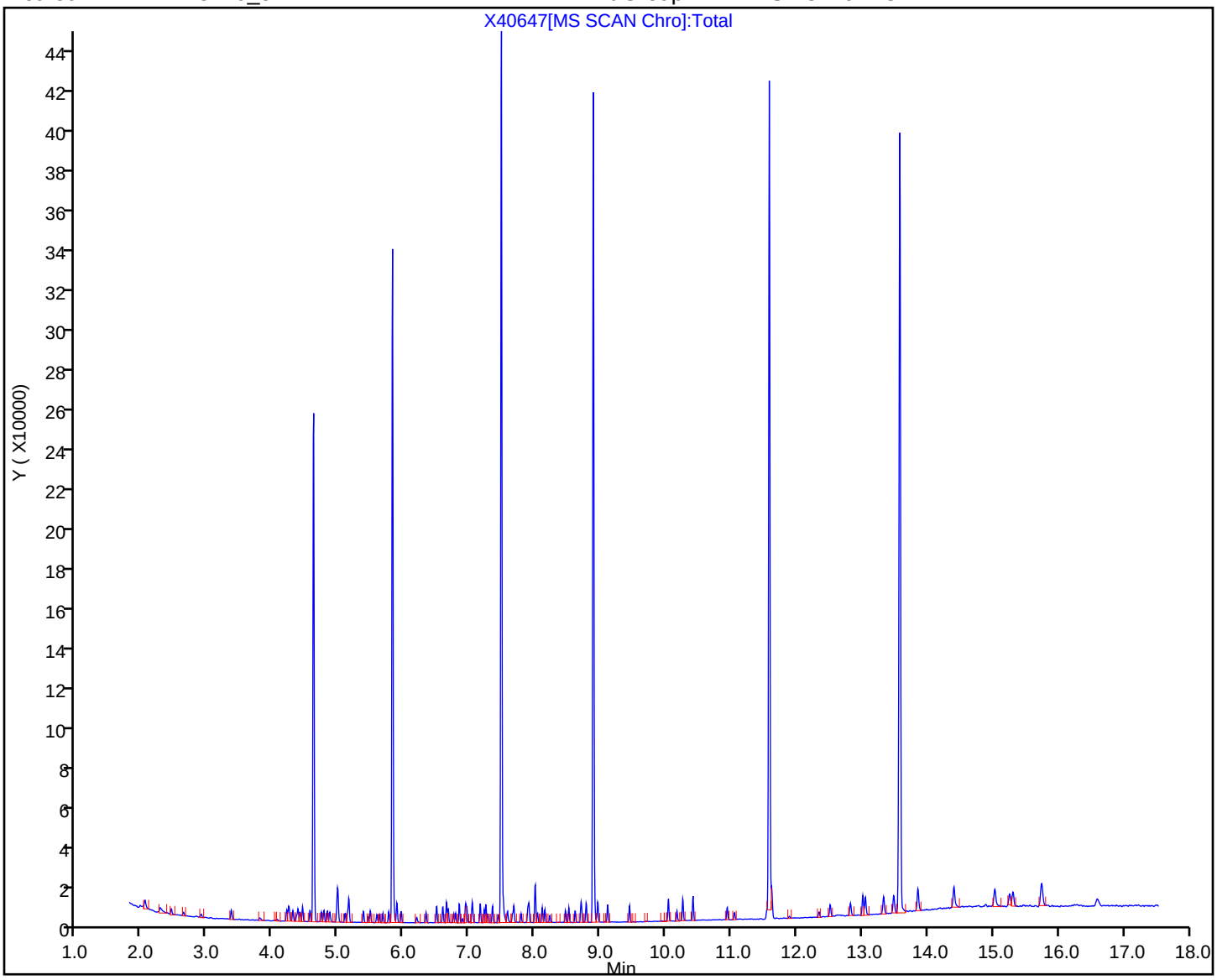
Lims ID: STD1

Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

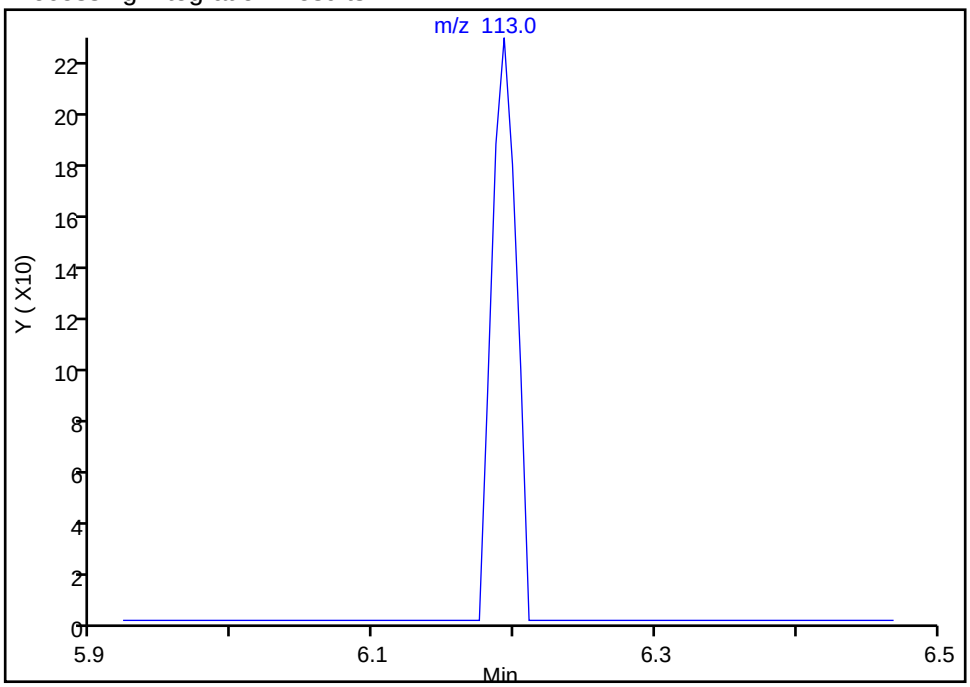
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40647.d
Injection Date: 29-Mar-2022 12:51:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

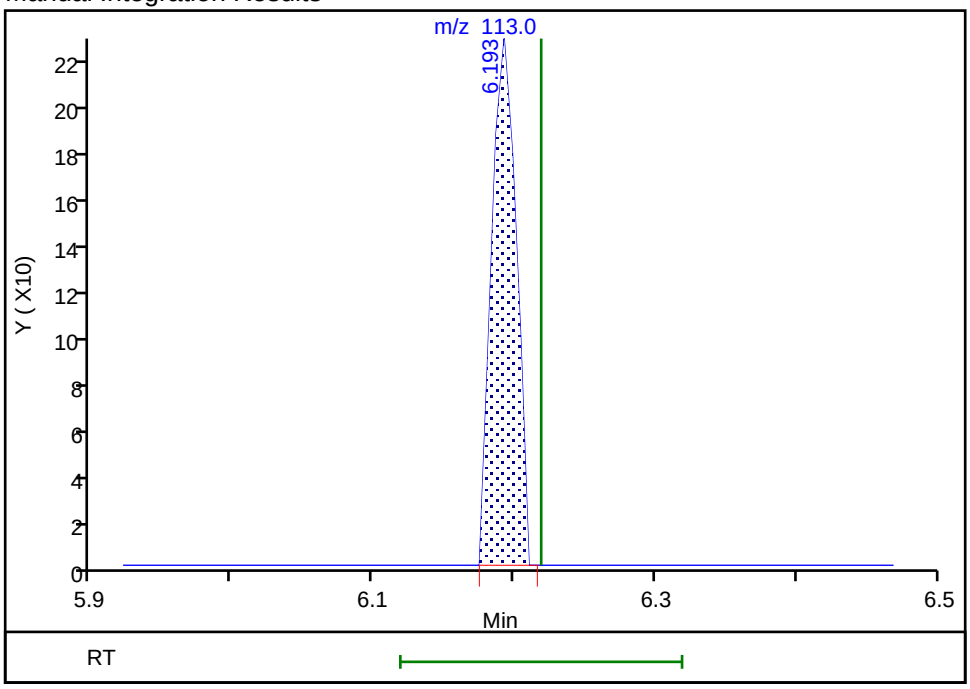
Not Detected
Expected RT: 6.22

Processing Integration Results



Manual Integration Results

RT: 6.19
Area: 278
Amount: 0.712674
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 13:11:06
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

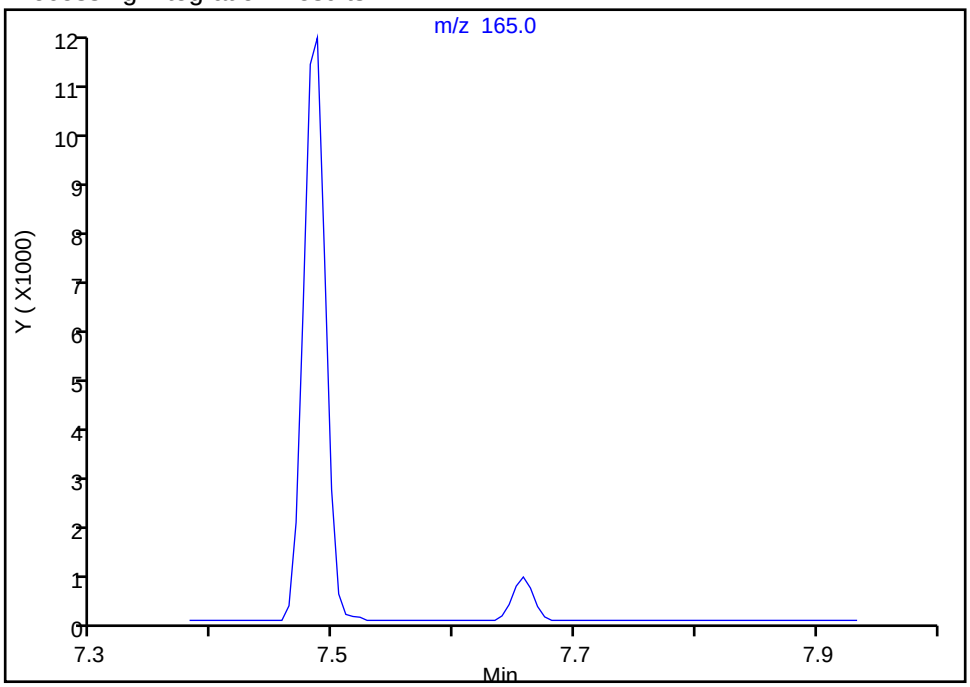
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40647.d
Injection Date: 29-Mar-2022 12:51:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

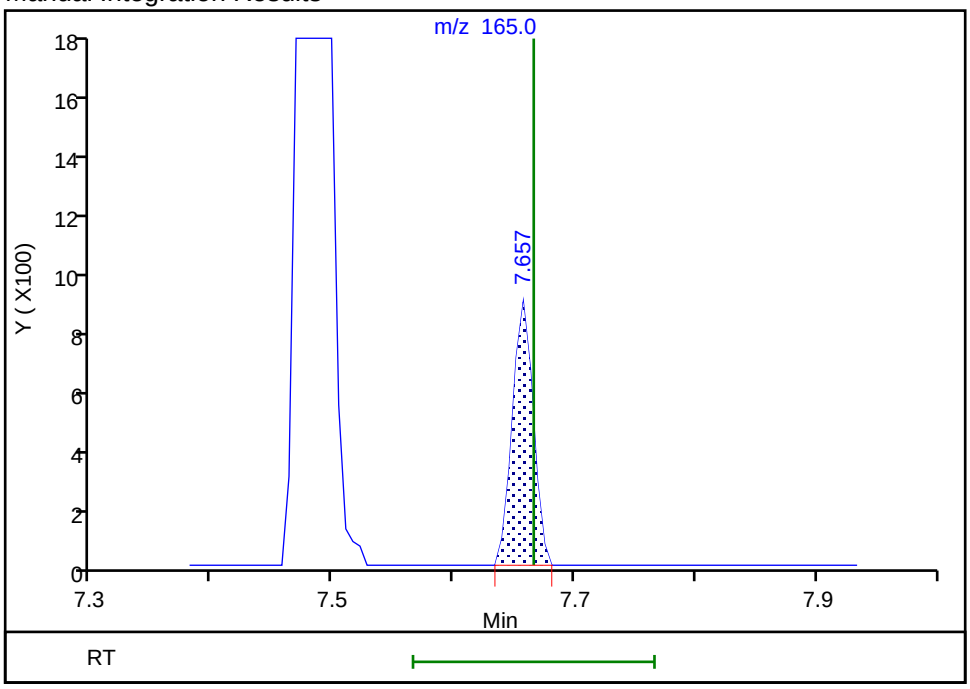
Not Detected
Expected RT: 7.67

Processing Integration Results



Manual Integration Results

RT: 7.66
Area: 1027
Amount: 0.927694
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 13:11:09
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Report Date: 29-Mar-2022 13:54:00 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Mar-2022 13:15:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-010
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 13:53:59 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 13:39:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.969	1.960	0.009	39	382	0.5000	0.5786	a
$ 6 Phenol-d5	99	4.228	4.237	-0.009	72	1052	0.5000	0.4691	
9 Bis(2-chloroethyl)ether	93	4.357	4.360	-0.003	61	684	0.5000	0.4245	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	97	54677	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.987	4.990	-0.003	66	597	0.5000	0.4436	a
25 Hexachloroethane	117	5.093	5.095	-0.002	59	412	0.5000	0.5189	
$ 26 Nitrobenzene-d5	82	5.134	5.142	-0.008	53	1101	0.5000	0.5233	
27 n,n'-Dimethylaniline	120	5.151	5.160	-0.009	57	1448	0.5000	0.5158	a
28 Nitrobenzene	123	5.151	5.160	-0.009	64	428	0.5000	0.4910	
37 1,2,4-Trichlorobenzene	180	5.763	5.766	-0.003	37	806	0.5000	0.4945	
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	202685	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.840	6.848	-0.008	63	2470	0.5000	0.5685	
* 65 Acenaphthene-d10	164	7.487	7.489	-0.002	99	112954	40.0	40.0	
83 Hexachlorobenzene	284	8.516	8.519	-0.003	34	761	0.5000	0.4766	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	217858	40.0	40.0	
$ 96 Terphenyl-d14	244	10.416	10.419	-0.003	40	2960	0.5000	0.5220	
101 Benzo[a]anthracene	228	11.569	11.577	-0.008	39	3551	0.5000	0.5581	
* 102 Chrysene-d12	240	11.580	11.589	-0.009	99	207179	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.010	13.024	-0.014	75	3148	0.5000	0.4669	
107 Benzo[k]fluoranthene	252	13.051	13.065	-0.014	73	3467	0.5000	0.5018	
108 Benzo[a]pyrene	252	13.486	13.501	-0.015	80	2951	0.5000	0.4553	
* 109 Perylene-d12	264	13.574	13.577	-0.003	99	244333	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.251	15.277	-0.026	83	2966	0.5000	0.4625	
111 Dibenz(a,h)anthracene	278	15.304	15.330	-0.026	24	2958	0.5000	0.4364	

QC Flag Legend
Processing Flags

Review Flags
a - User Assigned ID

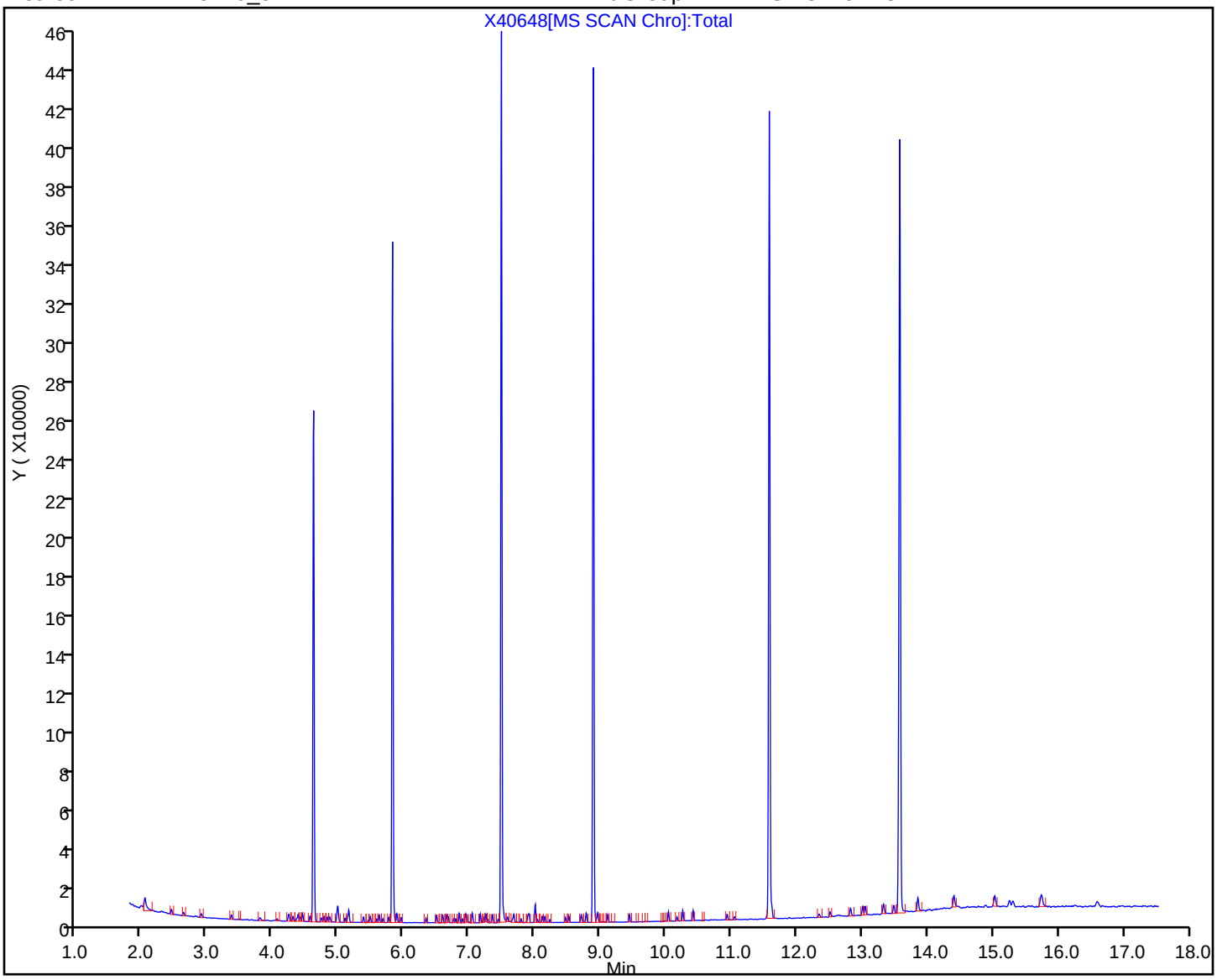
Reagents:

SV_BNA_L1_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 13:54:00 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d
Injection Date: 29-Mar-2022 13:15:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

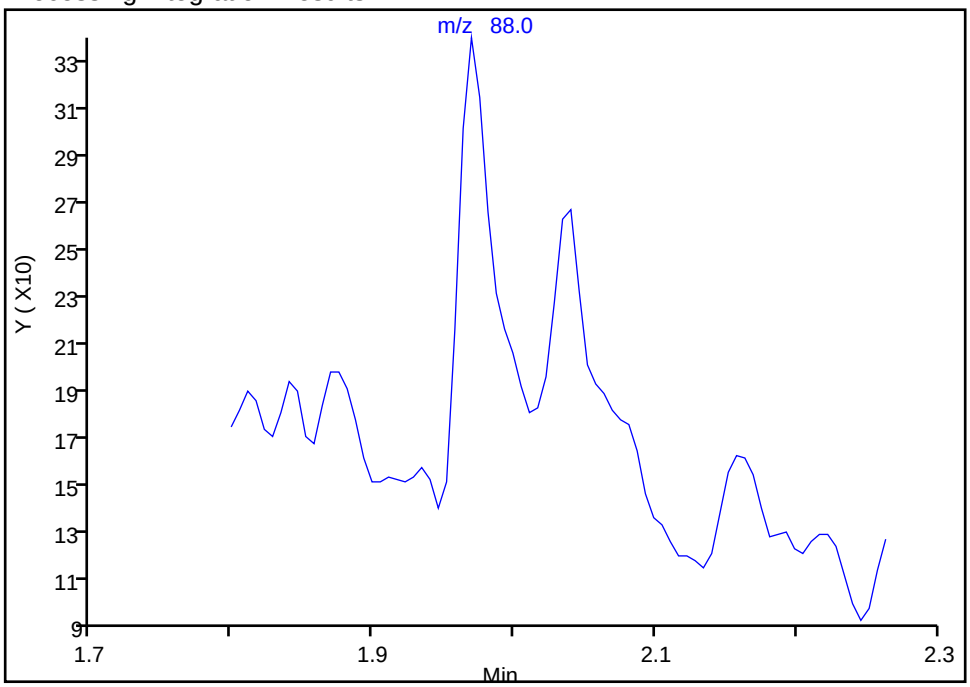
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Injection Date: 29-Mar-2022 13:15:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

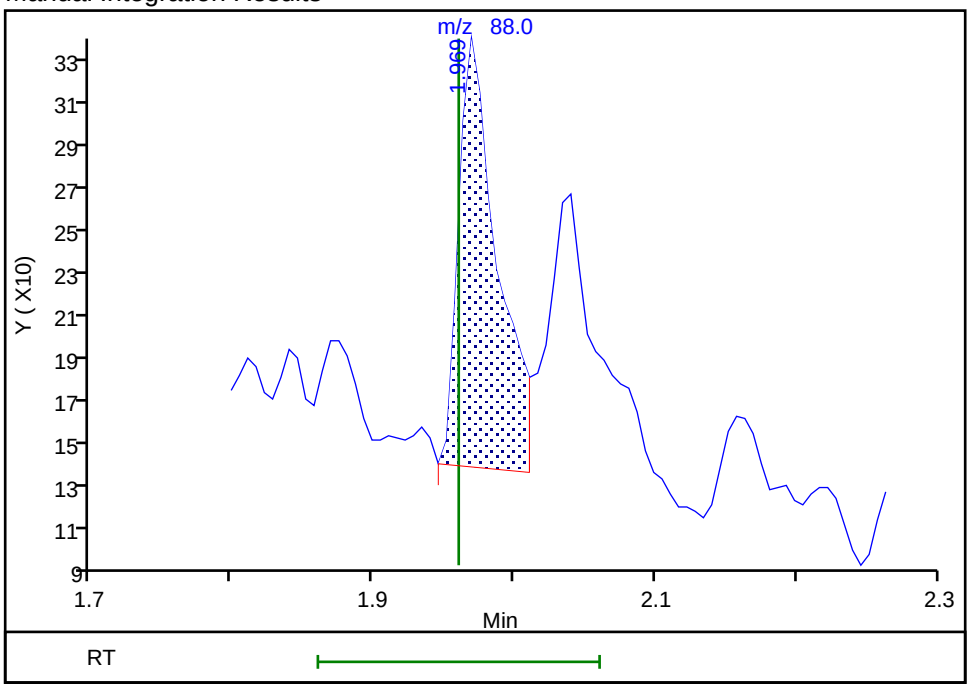
Not Detected
Expected RT: 1.96

Processing Integration Results



Manual Integration Results

RT: 1.97
Area: 382
Amount: 0.578598
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 13:39:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

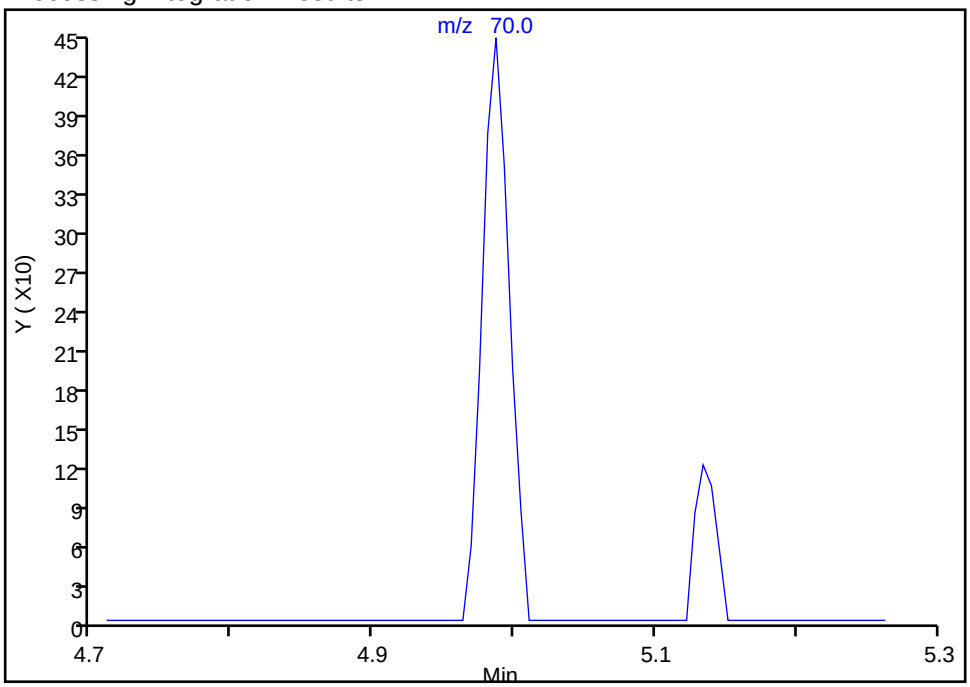
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d
Injection Date: 29-Mar-2022 13:15:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

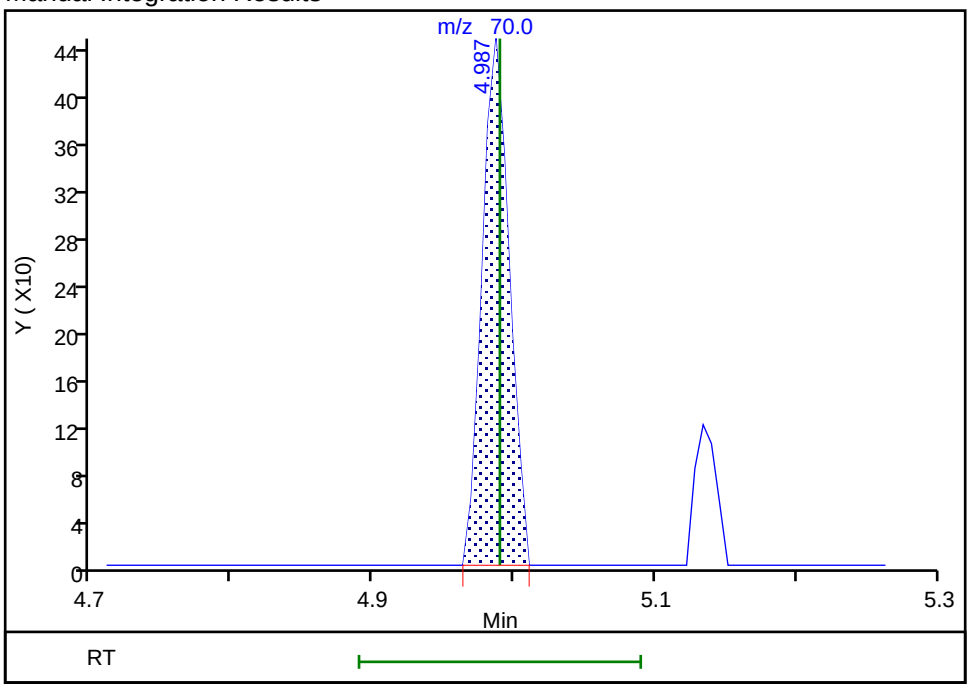
Not Detected
Expected RT: 4.99

Processing Integration Results



Manual Integration Results

RT: 4.99
Area: 597
Amount: 0.443557
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 13:39:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

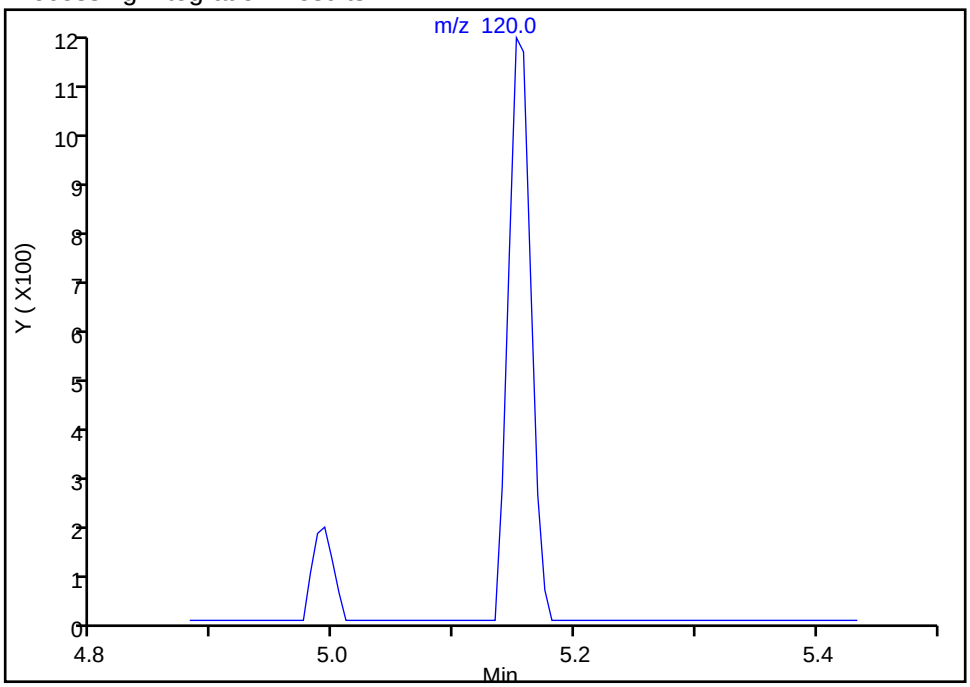
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Injection Date: 29-Mar-2022 13:15:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

27 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

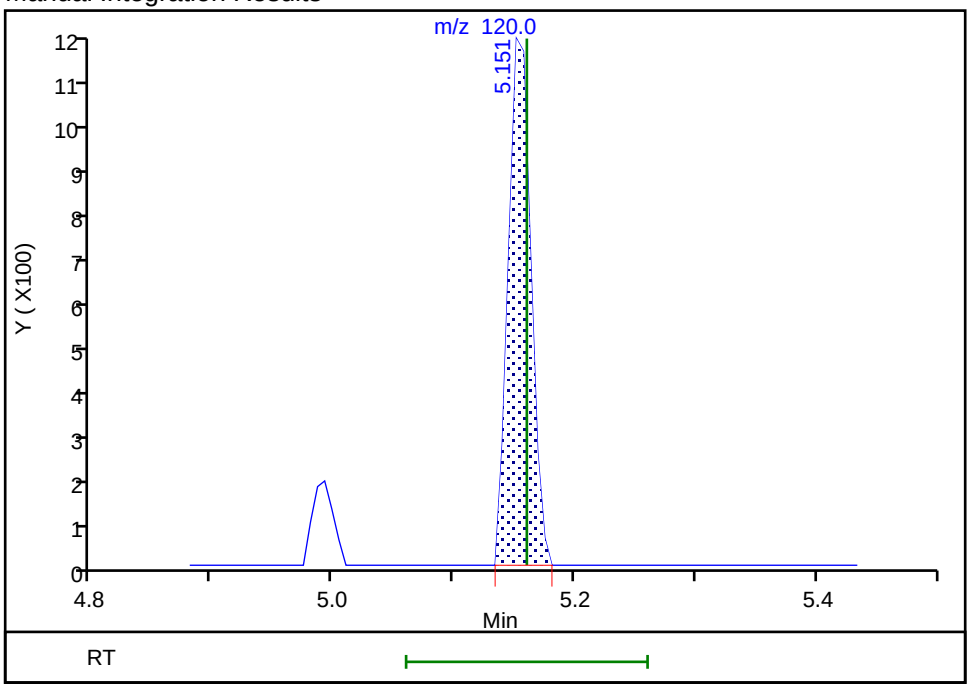
Not Detected
Expected RT: 5.16

Processing Integration Results



Manual Integration Results

RT: 5.15
Area: 1448
Amount: 0.515789
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 13:39:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

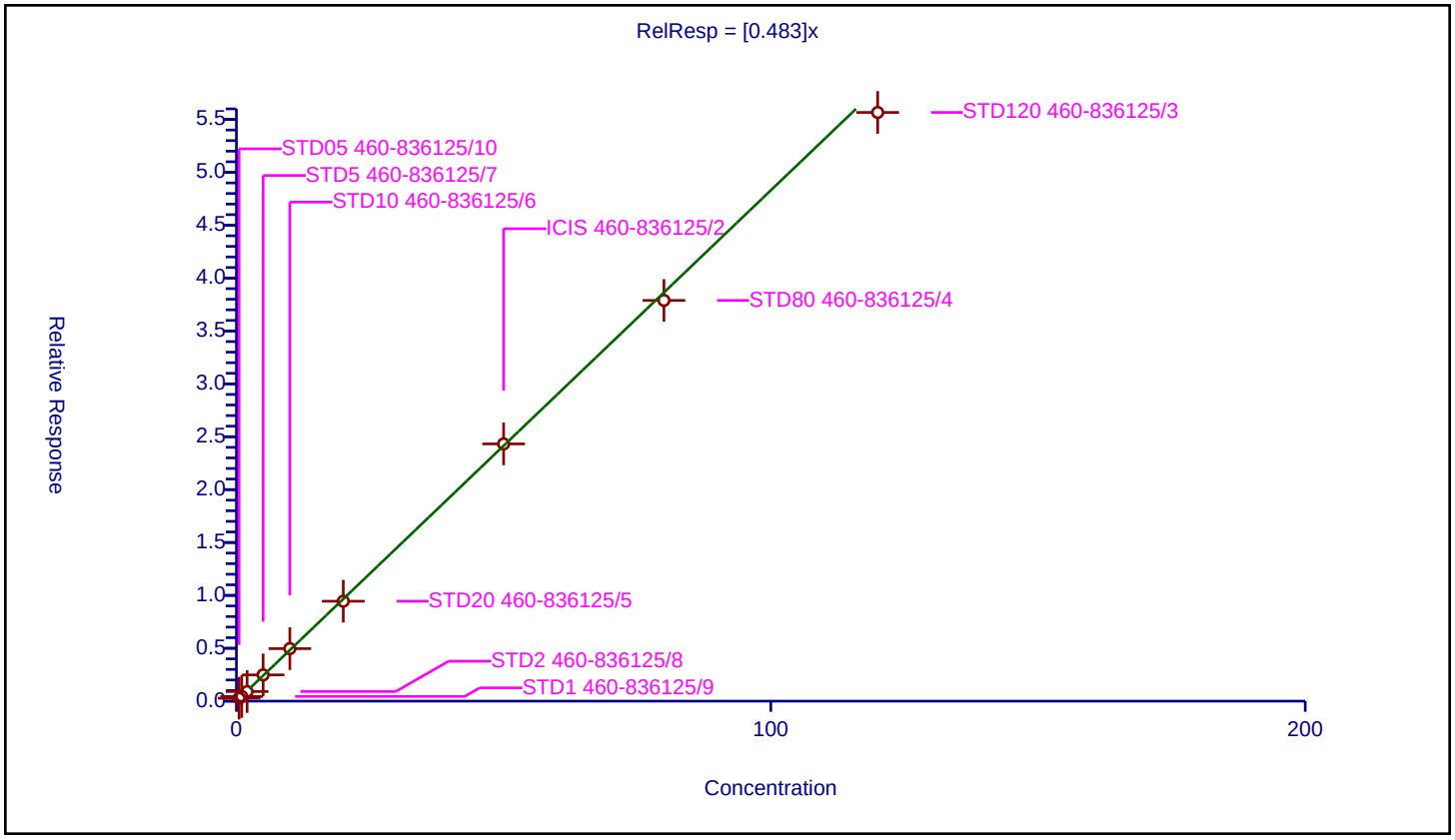
Curve Coefficients

Intercept:	0
Slope:	0.483

Error Coefficients

Standard Error:	34500
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.279459	40.0	54677.0	0.558919	Y
2	STD1 460-836125/9	1.0	0.445125	40.0	52210.0	0.445125	Y
3	STD2 460-836125/8	2.0	0.907149	40.0	53839.0	0.453575	Y
4	STD5 460-836125/7	5.0	2.481752	40.0	56444.0	0.49635	Y
5	STD10 460-836125/6	10.0	4.966111	40.0	52524.0	0.496611	Y
6	STD20 460-836125/5	20.0	9.448412	40.0	53355.0	0.472421	Y
7	ICIS 460-836125/2	50.0	24.323103	40.0	52689.0	0.486462	Y
8	STD80 460-836125/4	80.0	37.890648	40.0	54576.0	0.473633	Y
9	STD120 460-836125/3	120.0	55.662064	40.0	53809.0	0.463851	Y



Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

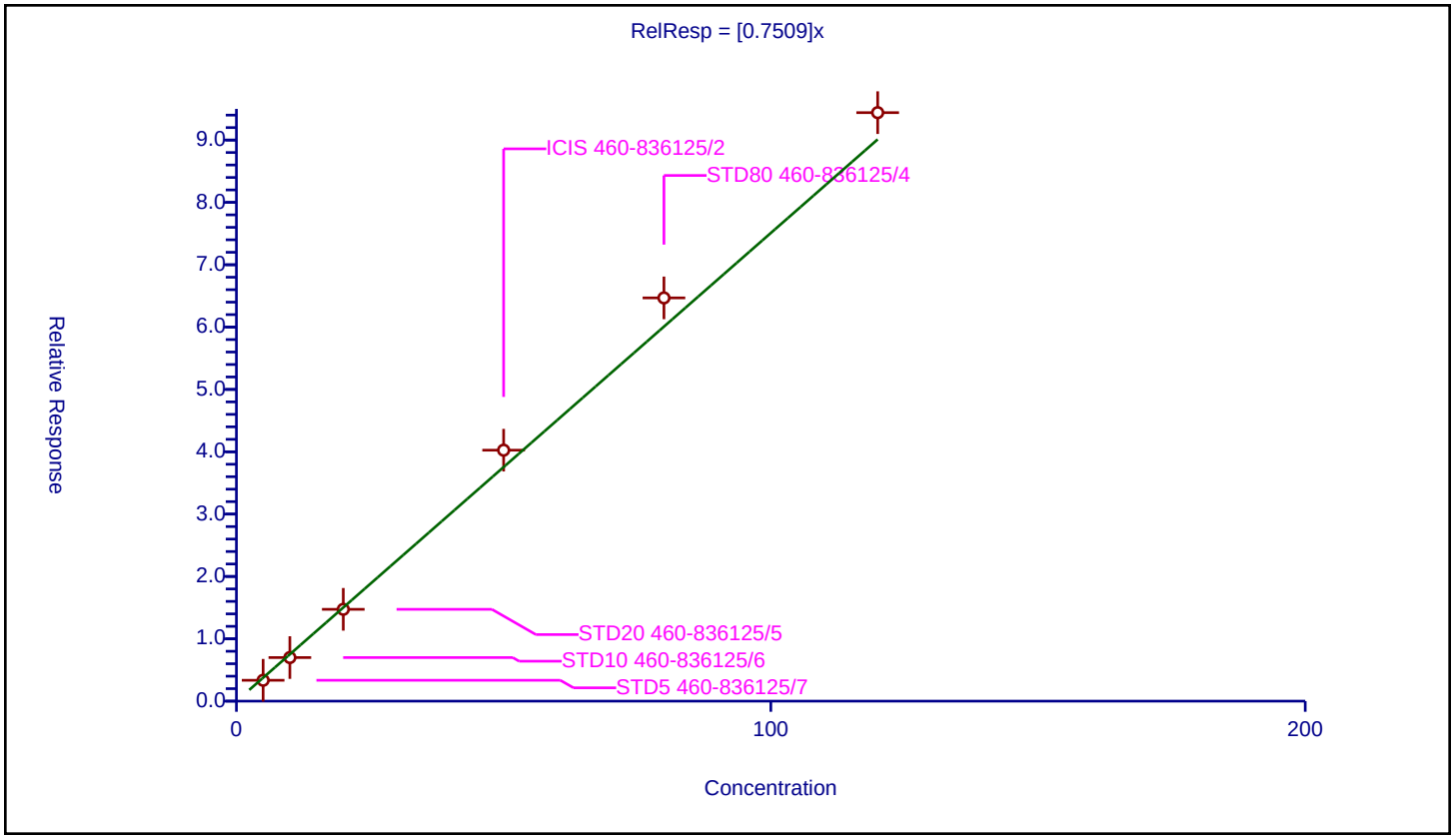
Curve Coefficients

Intercept:	0
Slope:	0.7509

Error Coefficients

Standard Error:	73700
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.347743	40.0	56444.0	0.669549	Y
2	STD10 460-836125/6	10.0	6.992613	40.0	52524.0	0.699261	Y
3	STD20 460-836125/5	20.0	14.727017	40.0	53355.0	0.736351	Y
4	ICIS 460-836125/2	50.0	40.2566	40.0	52689.0	0.805132	Y
5	STD80 460-836125/4	80.0	64.681911	40.0	54576.0	0.808524	Y
6	STD120 460-836125/3	120.0	94.396848	40.0	53809.0	0.78664	Y



Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

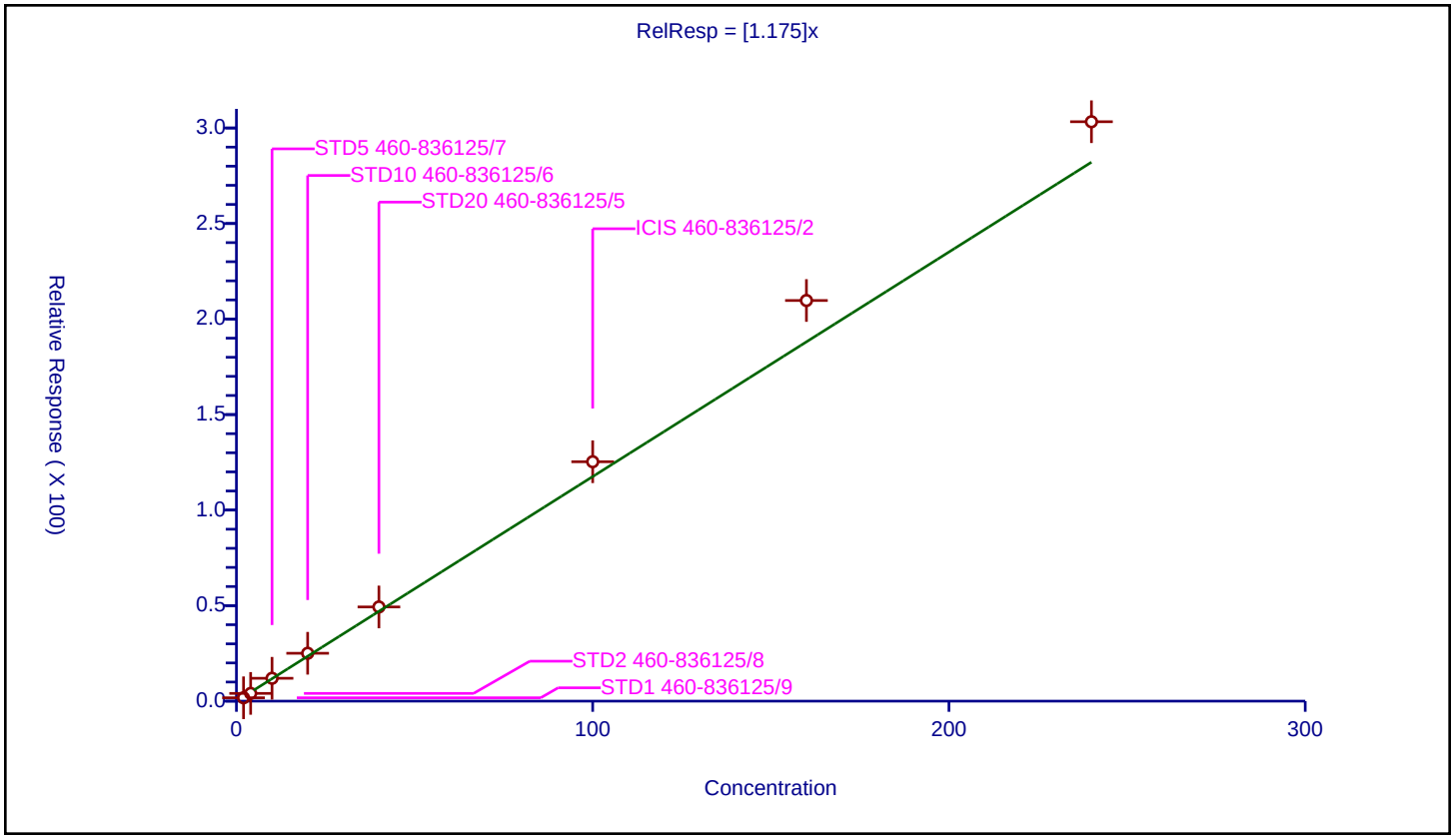
Curve Coefficients

Intercept:	0
Slope:	1.175

Error Coefficients

Standard Error:	200000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	2.0	1.763647	40.0	52210.0	0.881823	Y
2	STD2 460-836125/8	4.0	4.049109	40.0	53839.0	1.012277	Y
3	STD5 460-836125/7	10.0	11.965134	40.0	56444.0	1.196513	Y
4	STD10 460-836125/6	20.0	25.052928	40.0	52524.0	1.252646	Y
5	STD20 460-836125/5	40.0	49.302221	40.0	53355.0	1.232556	Y
6	ICIS 460-836125/2	100.0	125.311925	40.0	52689.0	1.253119	Y
7	STD80 460-836125/4	160.0	209.71416	40.0	54576.0	1.310714	Y
8	STD120 460-836125/3	240.0	303.27343	40.0	53809.0	1.263639	Y



Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

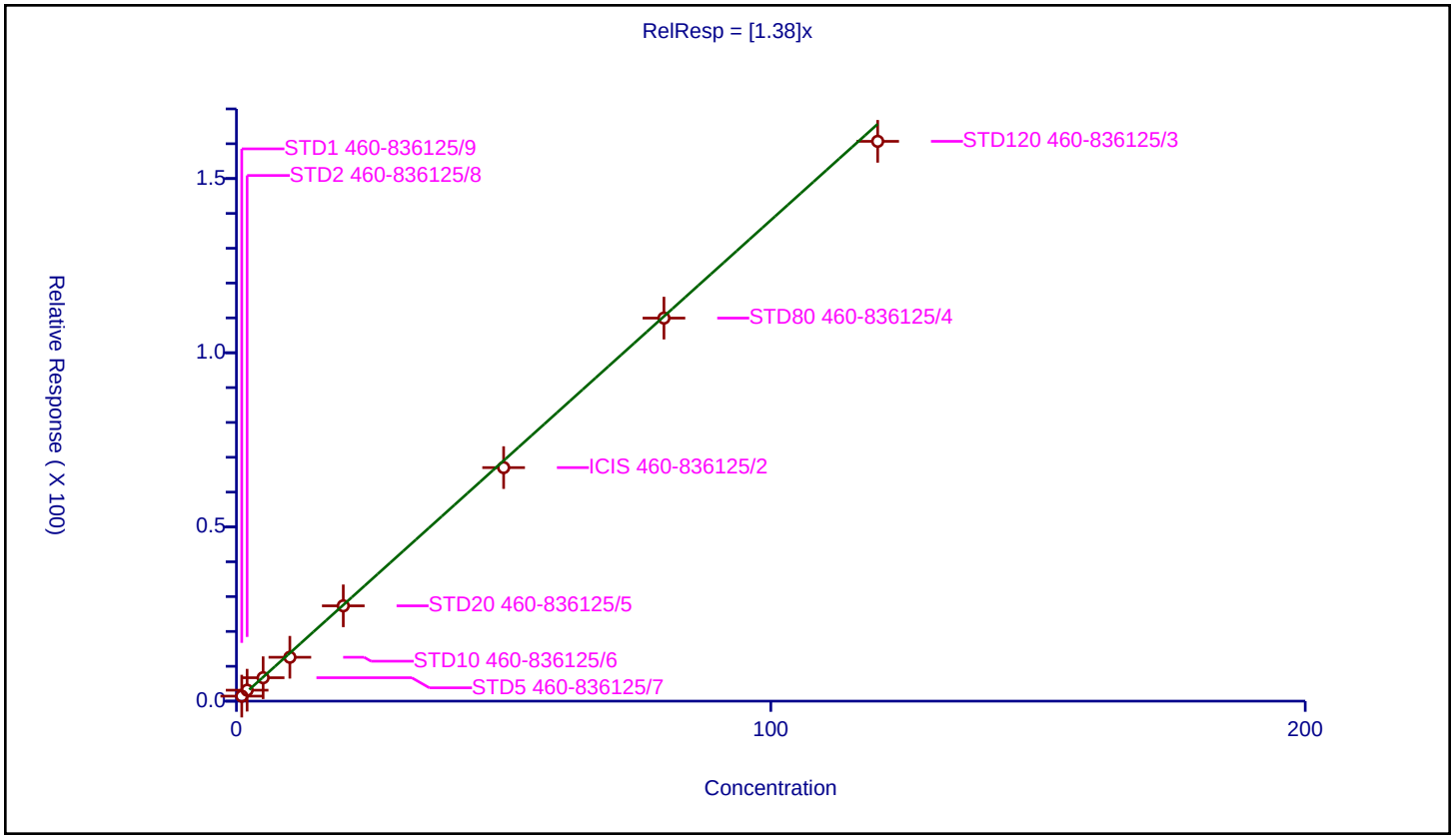
Curve Coefficients

Intercept:	0
Slope:	1.38

Error Coefficients

Standard Error:	106000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	1.0	1.444168	40.0	52210.0	1.444168	Y
2	STD2 460-836125/8	2.0	3.146418	40.0	53839.0	1.573209	Y
3	STD5 460-836125/7	5.0	6.723832	40.0	56444.0	1.344766	Y
4	STD10 460-836125/6	10.0	12.596147	40.0	52524.0	1.259615	Y
5	STD20 460-836125/5	20.0	27.356386	40.0	53355.0	1.367819	Y
6	ICIS 460-836125/2	50.0	67.037902	40.0	52689.0	1.340758	Y
7	STD80 460-836125/4	80.0	109.945031	40.0	54576.0	1.374313	Y
8	STD120 460-836125/3	120.0	160.690591	40.0	53809.0	1.339088	Y



Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

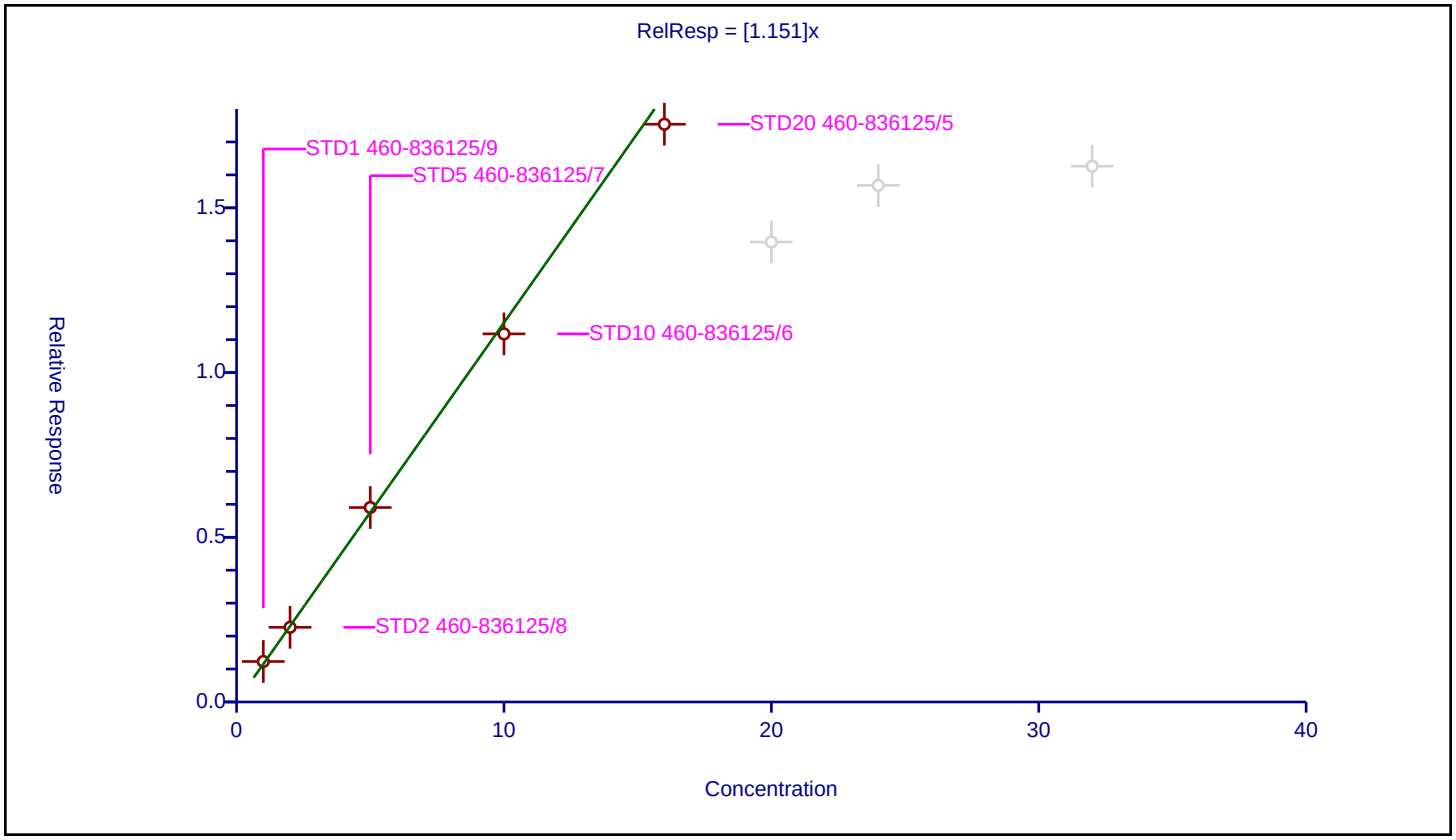
Curve Coefficients

Intercept:	0
Slope:	1.151

Error Coefficients

Standard Error:	14500
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	1.0	1.228883	40.0	52210.0	1.228883	Y
2	STD2 460-836125/8	2.0	2.266758	40.0	53839.0	1.133379	Y
3	STD5 460-836125/7	5.0	5.903196	40.0	56444.0	1.180639	Y
4	STD10 460-836125/6	10.0	11.17432	40.0	52524.0	1.117432	Y
5	STD20 460-836125/5	16.0	17.537625	40.0	53355.0	1.096102	Y
6	ICIS 460-836125/2	20.0	13.961928	40.0	52689.0	0.698096	N
7	STD80 460-836125/4	24.0	15.680885	40.0	54576.0	0.65337	N
8	STD120 460-836125/3	32.0	16.264194	40.0	53809.0	0.508256	N



Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

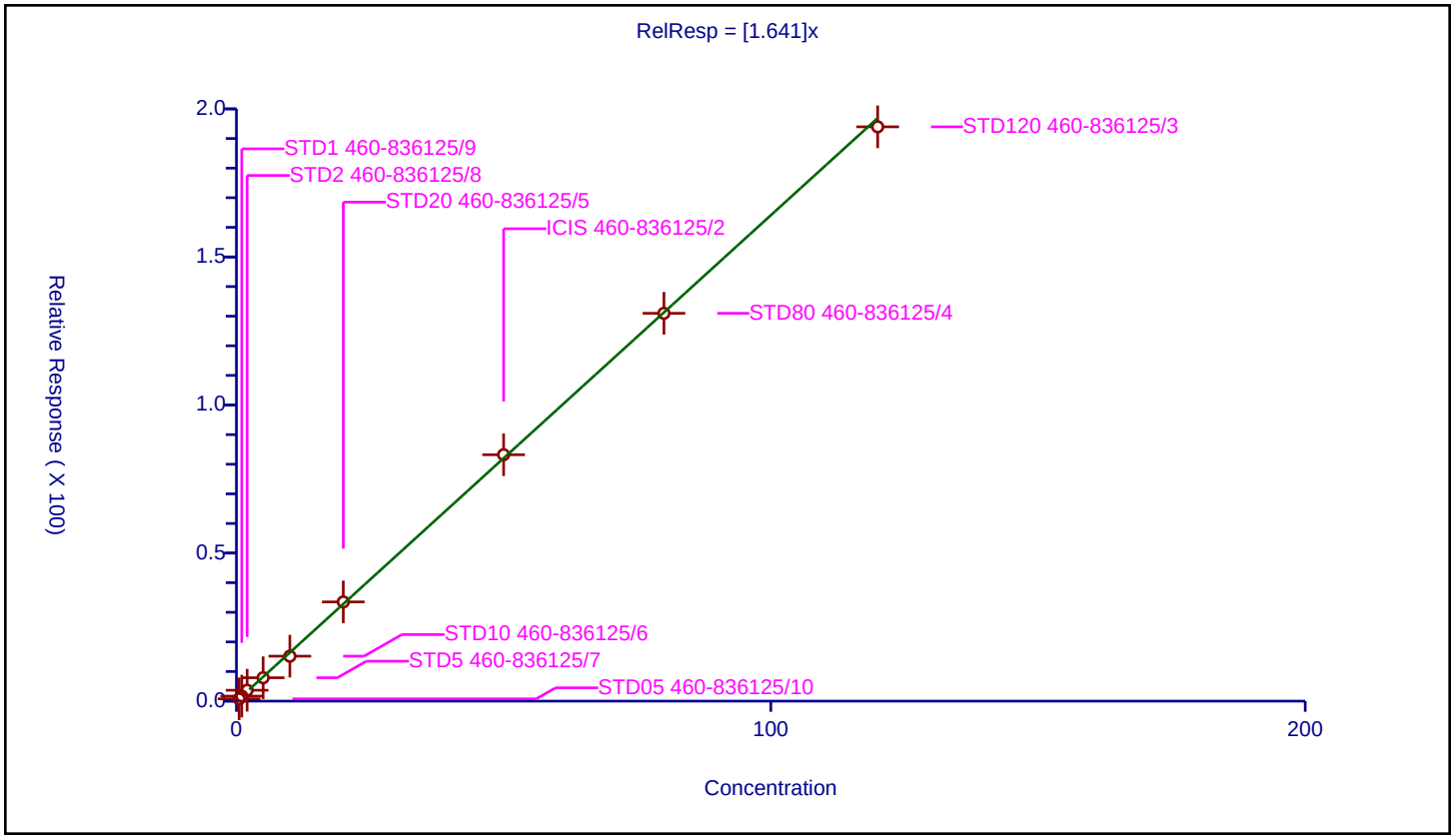
Curve Coefficients

Intercept:	0
Slope:	1.641

Error Coefficients

Standard Error:	120000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.769611	40.0	54677.0	1.539221	Y
2	STD1 460-836125/9	1.0	1.693162	40.0	52210.0	1.693162	Y
3	STD2 460-836125/8	2.0	3.68729	40.0	53839.0	1.843645	Y
4	STD5 460-836125/7	5.0	7.899511	40.0	56444.0	1.579902	Y
5	STD10 460-836125/6	10.0	15.182393	40.0	52524.0	1.518239	Y
6	STD20 460-836125/5	20.0	33.503889	40.0	53355.0	1.675194	Y
7	ICIS 460-836125/2	50.0	83.214333	40.0	52689.0	1.664287	Y
8	STD80 460-836125/4	80.0	130.972589	40.0	54576.0	1.637157	Y
9	STD120 460-836125/3	120.0	193.943021	40.0	53809.0	1.616192	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

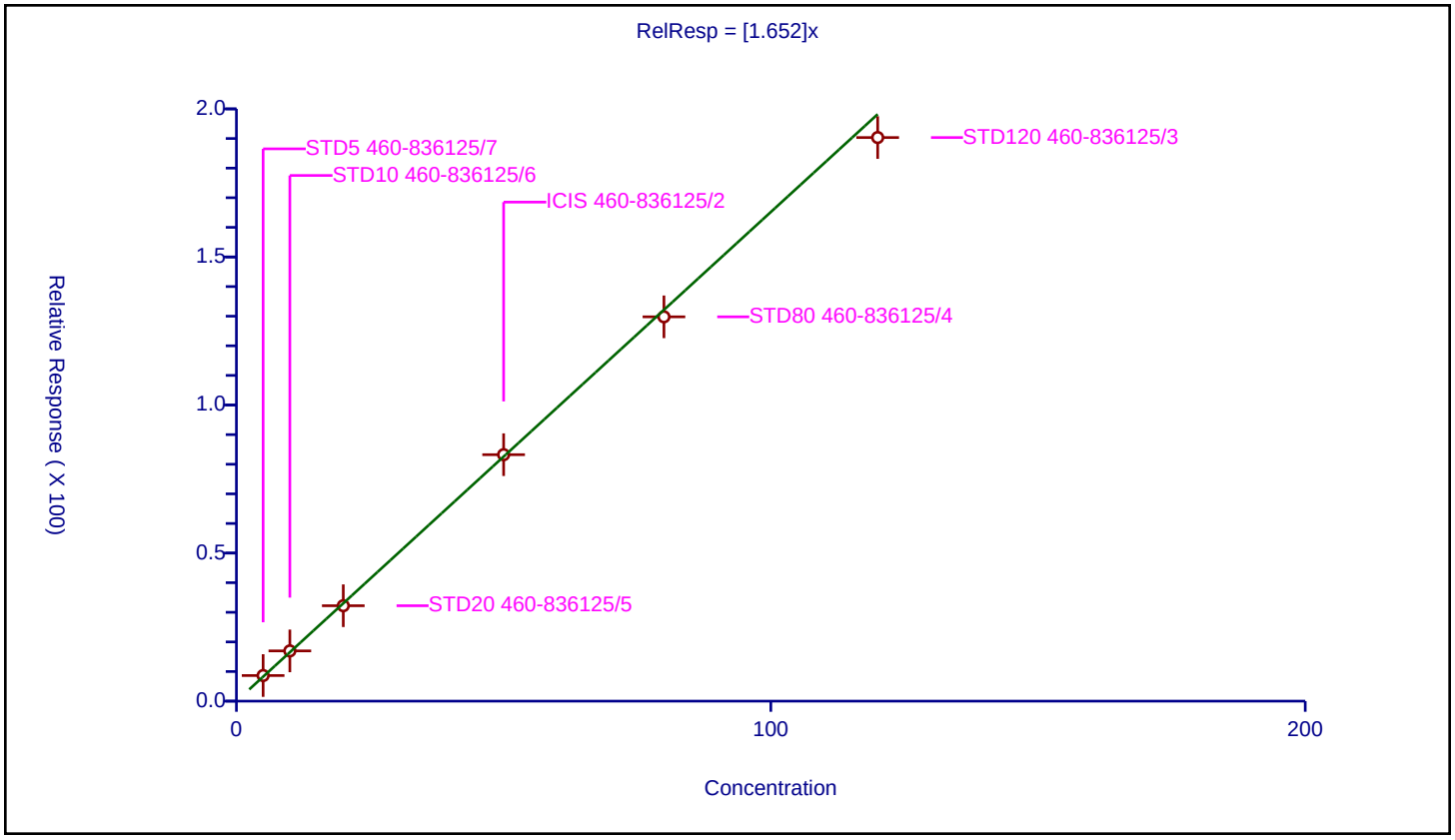
Curve Coefficients

Intercept:	0
Slope:	1.652

Error Coefficients

Standard Error:	149000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	8.645737	40.0	56444.0	1.729147	Y
2	STD10 460-836125/6	10.0	16.970528	40.0	52524.0	1.697053	Y
3	STD20 460-836125/5	20.0	32.219661	40.0	53355.0	1.610983	Y
4	ICIS 460-836125/2	50.0	83.230276	40.0	52689.0	1.664606	Y
5	STD80 460-836125/4	80.0	129.785254	40.0	54576.0	1.622316	Y
6	STD120 460-836125/3	120.0	190.325039	40.0	53809.0	1.586042	Y



Calibration / Aniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

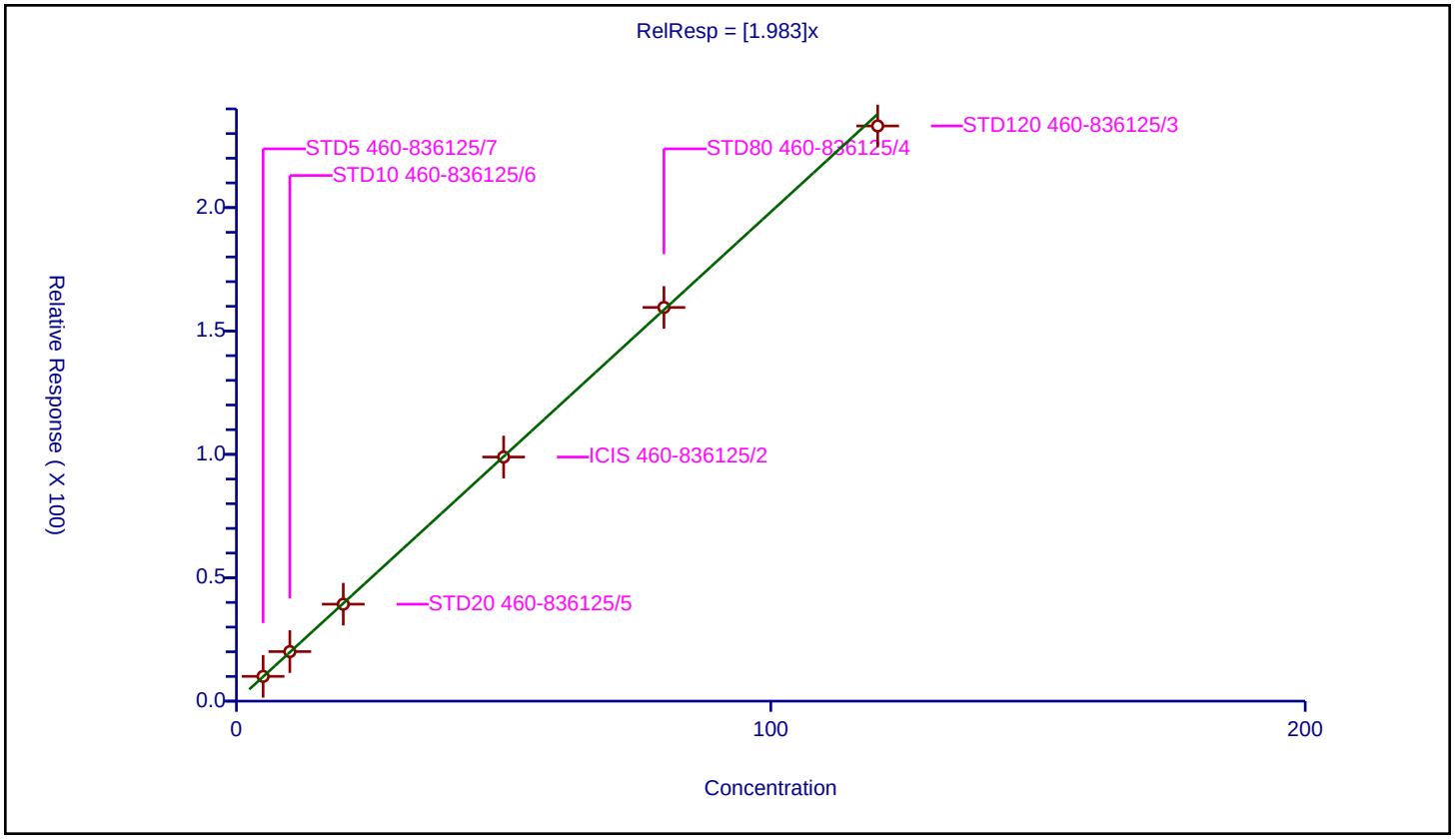
Curve Coefficients

Intercept:	0
Slope:	1.983

Error Coefficients

Standard Error:	182000
Relative Standard Error:	1.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	10.041103	40.0	56444.0	2.008221	Y
2	STD10 460-836125/6	10.0	20.076156	40.0	52524.0	2.007616	Y
3	STD20 460-836125/5	20.0	39.291538	40.0	53355.0	1.964577	Y
4	ICIS 460-836125/2	50.0	98.920837	40.0	52689.0	1.978417	Y
5	STD80 460-836125/4	80.0	159.535327	40.0	54576.0	1.994192	Y
6	STD120 460-836125/3	120.0	233.082198	40.0	53809.0	1.942352	Y



Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

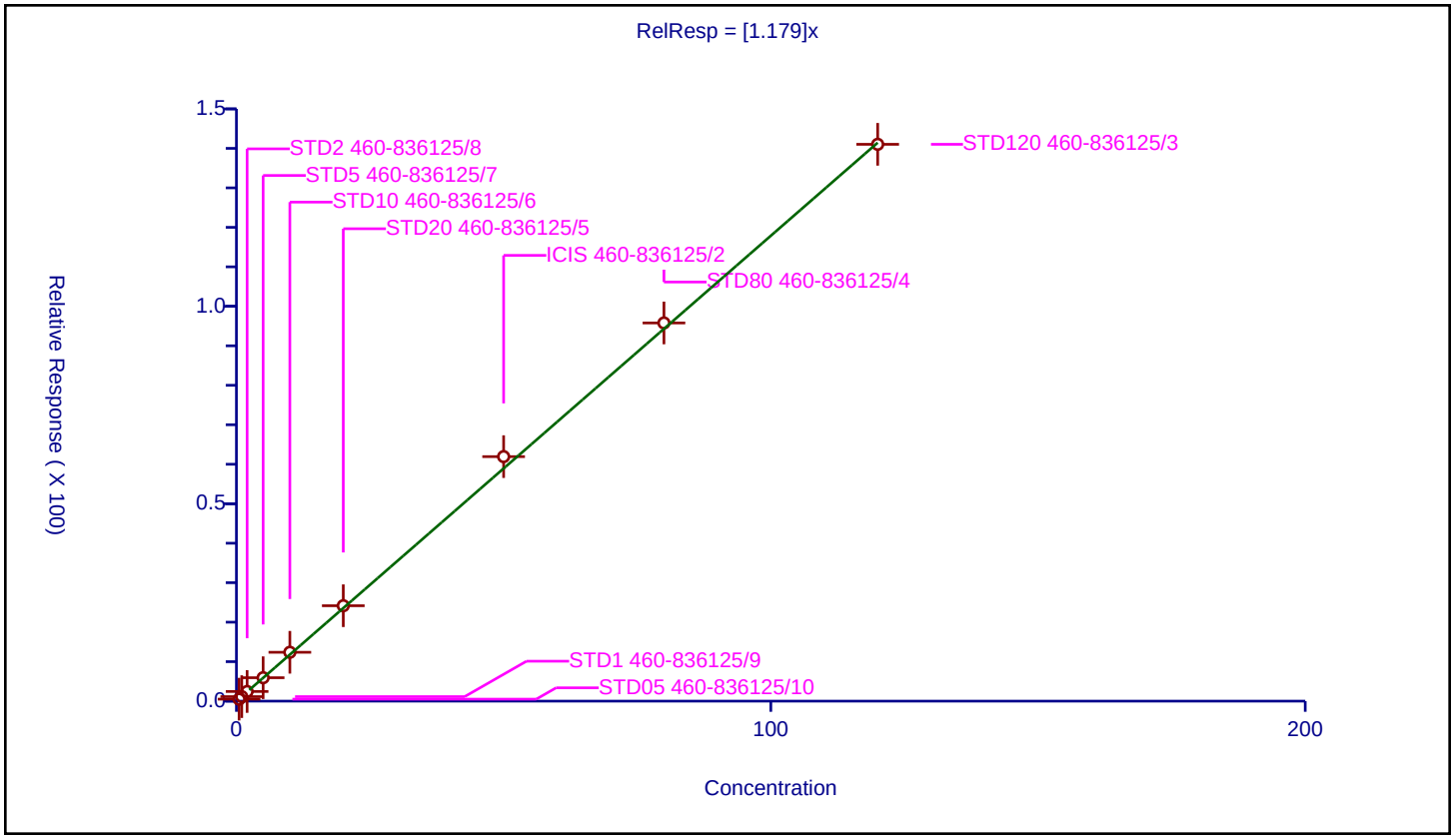
Curve Coefficients

Intercept:	0
Slope:	1.179

Error Coefficients

Standard Error:	87300
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	STD05 460-836125/10	0.5	0.500393	40.0	54677.0	1.000786	Y
2	STD1 460-836125/9	1.0	1.140778	40.0	52210.0	1.140778	Y
3	STD2 460-836125/8	2.0	2.444325	40.0	53839.0	1.222162	Y
4	STD5 460-836125/7	5.0	5.935086	40.0	56444.0	1.187017	Y
5	STD10 460-836125/6	10.0	12.37758	40.0	52524.0	1.237758	Y
6	STD20 460-836125/5	20.0	24.165683	40.0	53355.0	1.208284	Y
7	ICIS 460-836125/2	50.0	61.930194	40.0	52689.0	1.238604	Y
8	STD80 460-836125/4	80.0	95.783495	40.0	54576.0	1.197294	Y
9	STD120 460-836125/3	120.0	141.026222	40.0	53809.0	1.175219	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

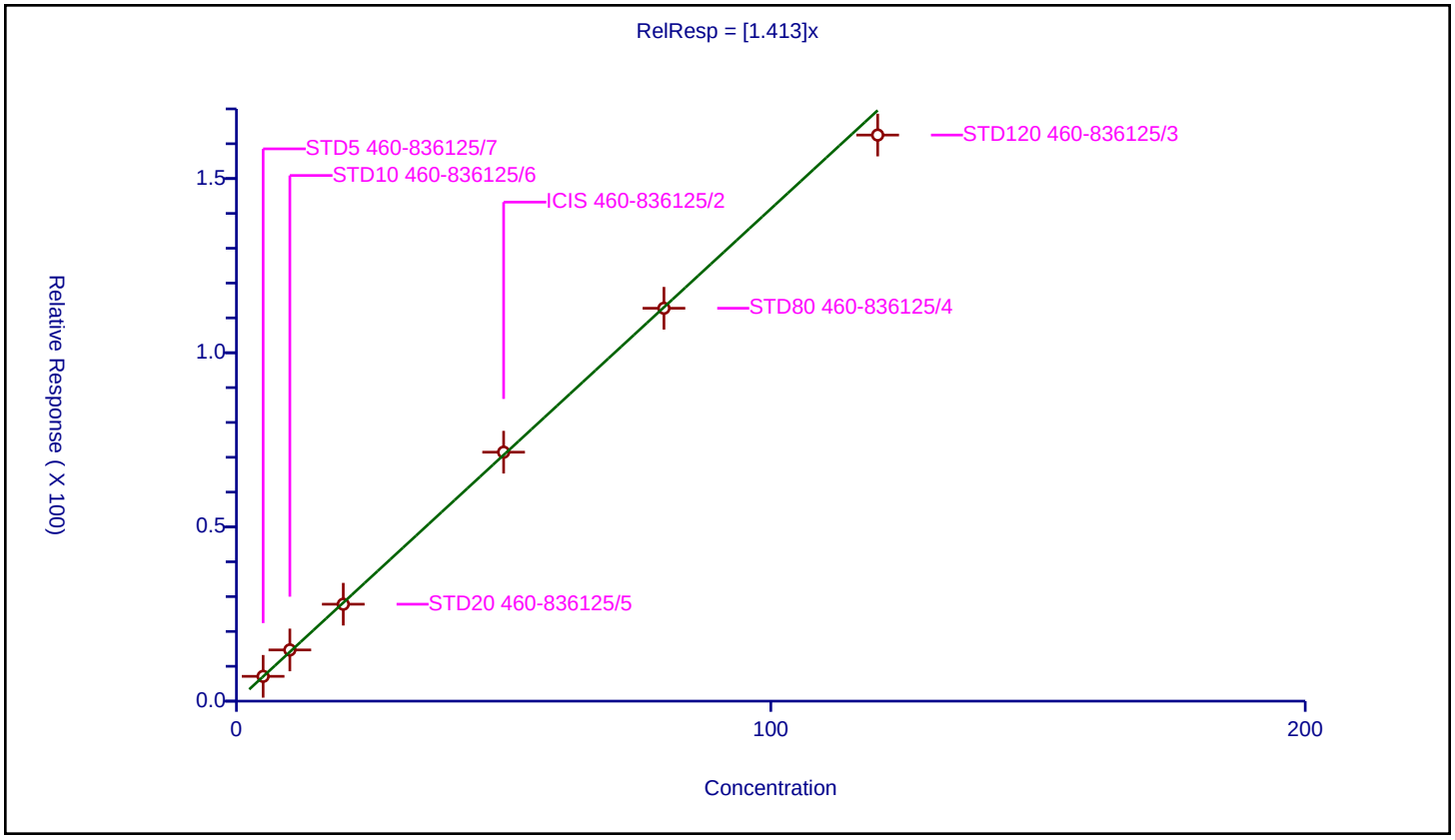
Curve Coefficients

Intercept:	0
Slope:	1.413

Error Coefficients

Standard Error:	128000
Relative Standard Error:	2.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	7.123521	40.0	56444.0	1.424704	Y
2	STD10 460-836125/6	10.0	14.698804	40.0	52524.0	1.46988	Y
3	STD20 460-836125/5	20.0	27.824196	40.0	53355.0	1.39121	Y
4	ICIS 460-836125/2	50.0	71.463873	40.0	52689.0	1.429277	Y
5	STD80 460-836125/4	80.0	112.776312	40.0	54576.0	1.409704	Y
6	STD120 460-836125/3	120.0	162.495493	40.0	53809.0	1.354129	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

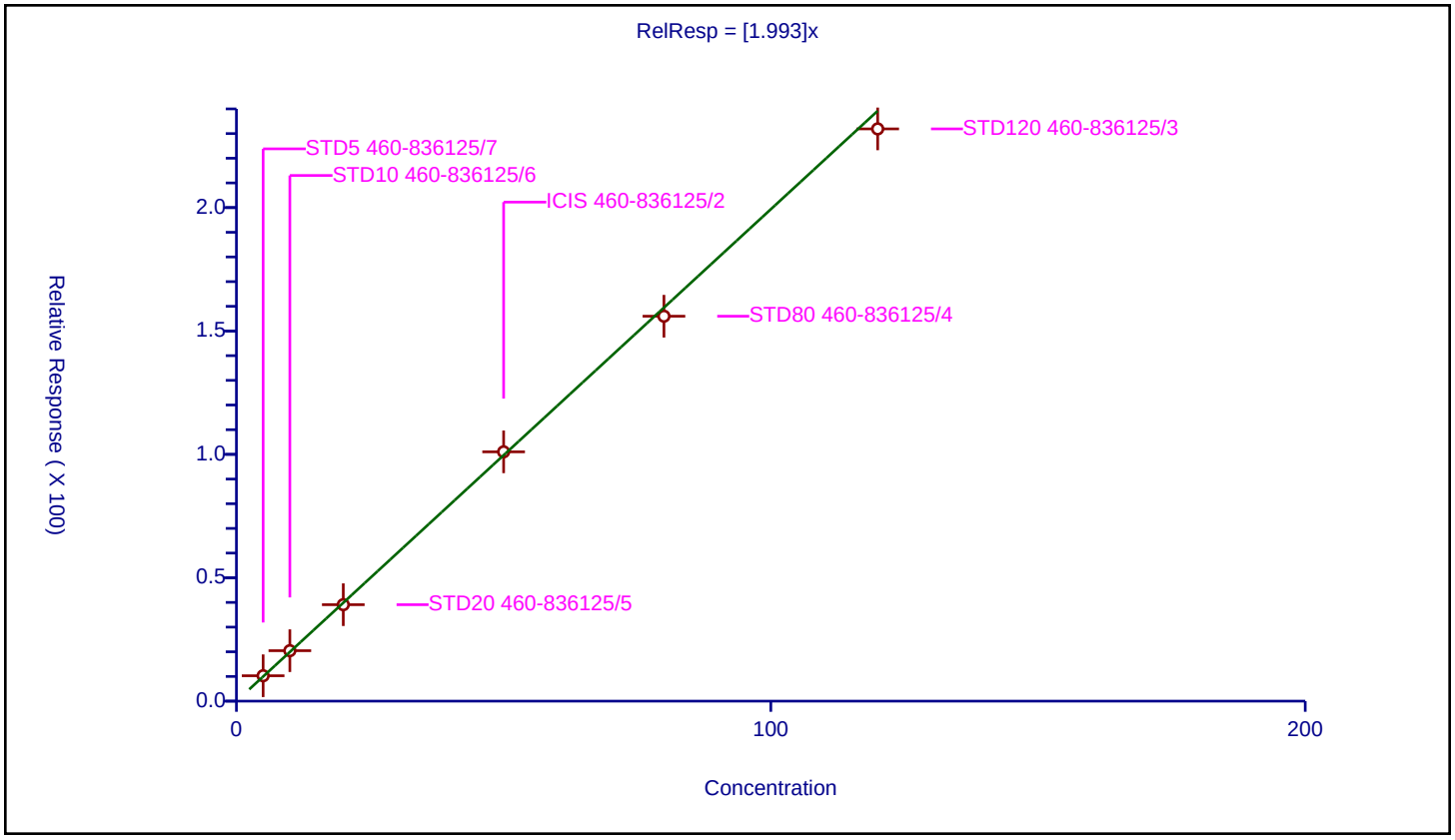
Curve Coefficients

Intercept:	0
Slope:	1.993

Error Coefficients

Standard Error:	181000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	10.291262	40.0	56444.0	2.058252	Y
2	STD10 460-836125/6	10.0	20.443226	40.0	52524.0	2.044323	Y
3	STD20 460-836125/5	20.0	39.085372	40.0	53355.0	1.954269	Y
4	ICIS 460-836125/2	50.0	101.028298	40.0	52689.0	2.020566	Y
5	STD80 460-836125/4	80.0	155.990179	40.0	54576.0	1.949877	Y
6	STD120 460-836125/3	120.0	231.890576	40.0	53809.0	1.932421	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

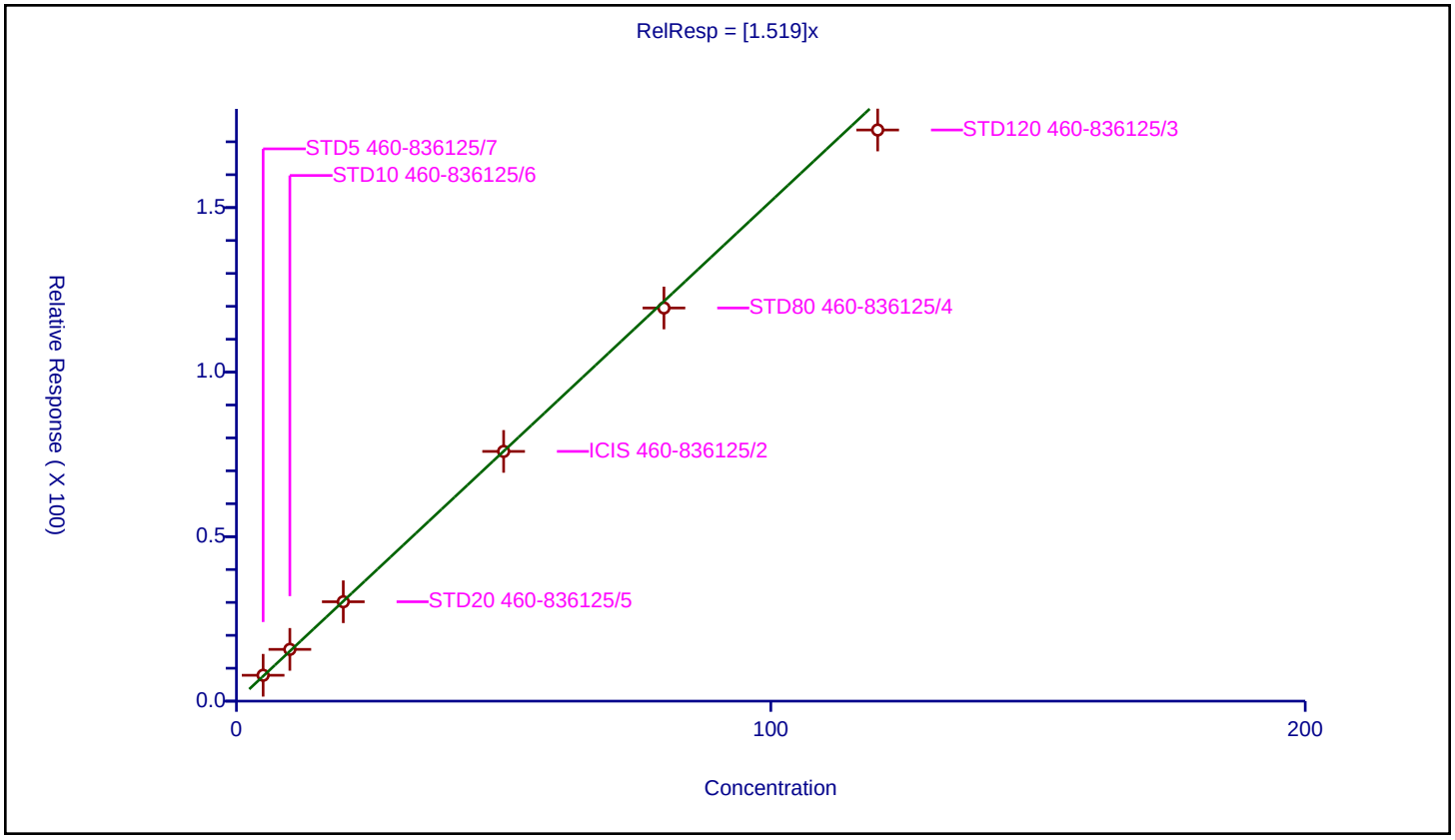
Curve Coefficients

Intercept:	0
Slope:	1.519

Error Coefficients

Standard Error:	136000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	7.861243	40.0	56444.0	1.572249	Y
2	STD10 460-836125/6	10.0	15.735283	40.0	52524.0	1.573528	Y
3	STD20 460-836125/5	20.0	30.20373	40.0	53355.0	1.510186	Y
4	ICIS 460-836125/2	50.0	75.897436	40.0	52689.0	1.517949	Y
5	STD80 460-836125/4	80.0	119.49355	40.0	54576.0	1.493669	Y
6	STD120 460-836125/3	120.0	173.586575	40.0	53809.0	1.446555	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

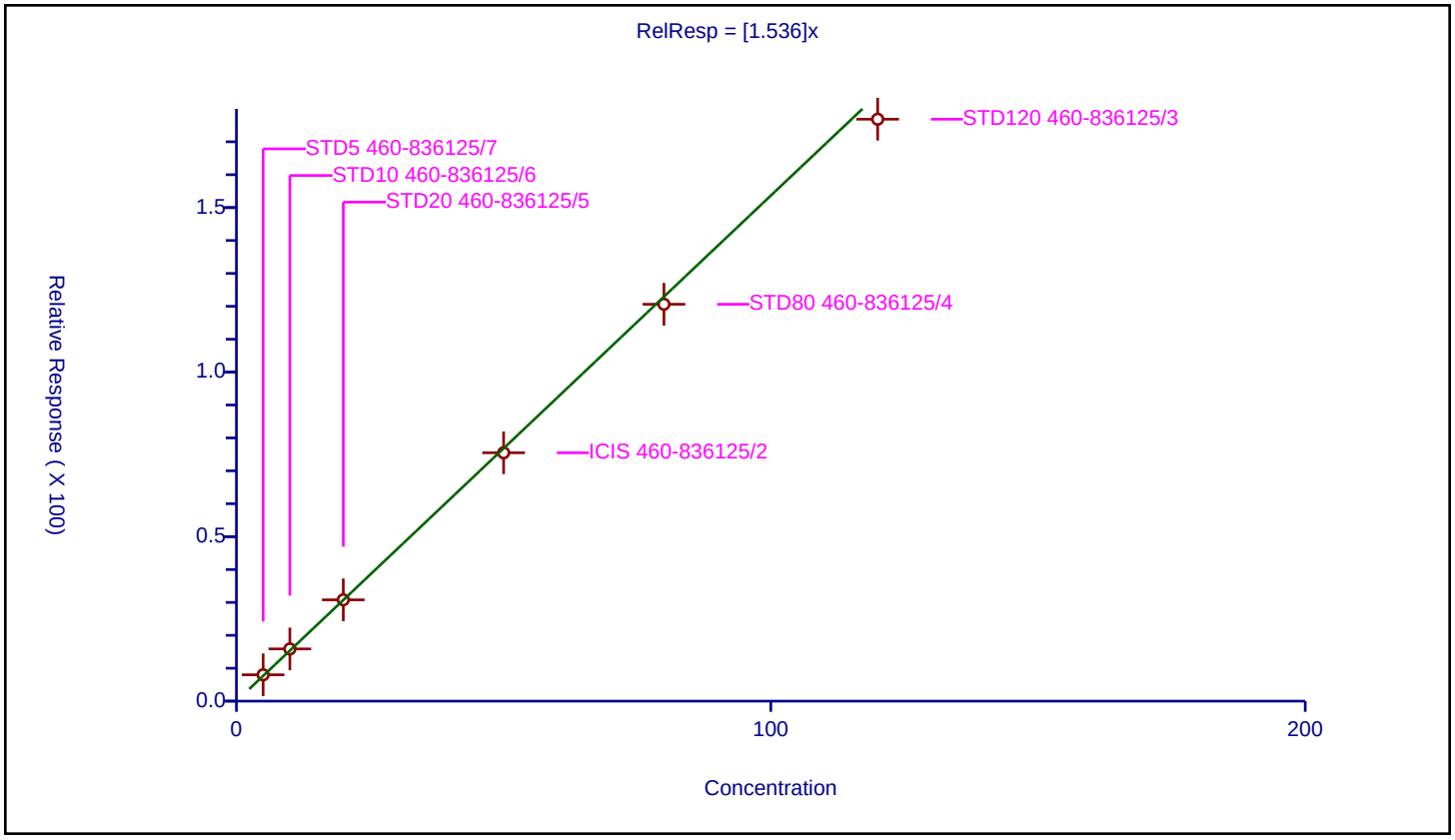
Curve Coefficients

Intercept:	0
Slope:	1.536

Error Coefficients

Standard Error:	138000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	8.005811	40.0	56444.0	1.601162	Y
2	STD10 460-836125/6	10.0	15.869317	40.0	52524.0	1.586932	Y
3	STD20 460-836125/5	20.0	30.786243	40.0	53355.0	1.539312	Y
4	ICIS 460-836125/2	50.0	75.491279	40.0	52689.0	1.509826	Y
5	STD80 460-836125/4	80.0	120.626649	40.0	54576.0	1.507833	Y
6	STD120 460-836125/3	120.0	176.870784	40.0	53809.0	1.473923	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

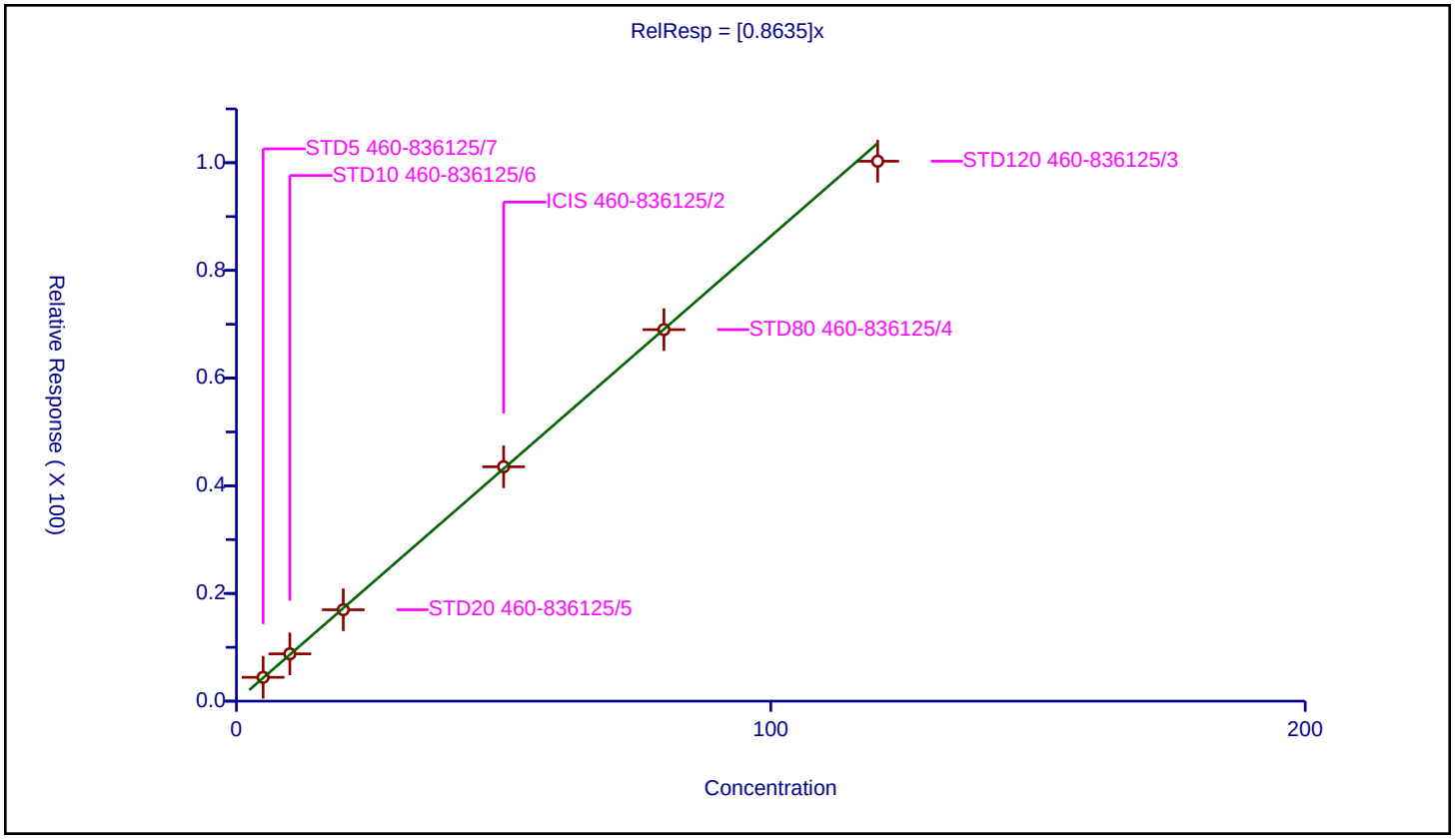
Curve Coefficients

Intercept:	0
Slope:	0.8635

Error Coefficients

Standard Error:	78700
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	4.424917	40.0	56444.0	0.884983	Y
2	STD10 460-836125/6	10.0	8.784556	40.0	52524.0	0.878456	Y
3	STD20 460-836125/5	20.0	16.972355	40.0	53355.0	0.848618	Y
4	ICIS 460-836125/2	50.0	43.535463	40.0	52689.0	0.870709	Y
5	STD80 460-836125/4	80.0	69.001026	40.0	54576.0	0.862513	Y
6	STD120 460-836125/3	120.0	100.278392	40.0	53809.0	0.835653	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

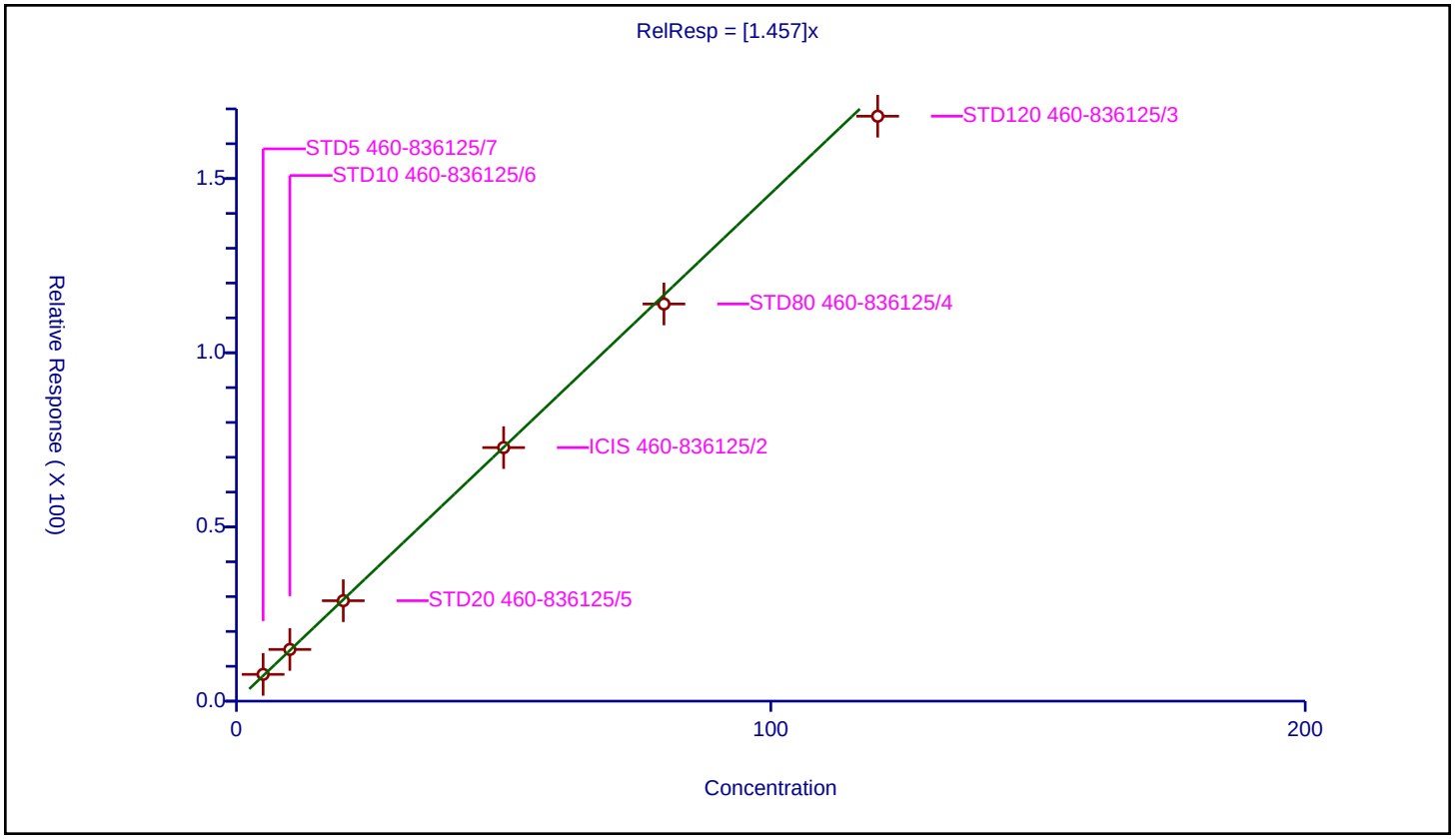
Curve Coefficients

Intercept:	0
Slope:	1.457

Error Coefficients

Standard Error:	131000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	7.690454	40.0	56444.0	1.538091	Y
2	STD10 460-836125/6	10.0	14.838169	40.0	52524.0	1.483817	Y
3	STD20 460-836125/5	20.0	28.828788	40.0	53355.0	1.441439	Y
4	ICIS 460-836125/2	50.0	72.779518	40.0	52689.0	1.45559	Y
5	STD80 460-836125/4	80.0	114.001026	40.0	54576.0	1.425013	Y
6	STD120 460-836125/3	120.0	167.893847	40.0	53809.0	1.399115	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

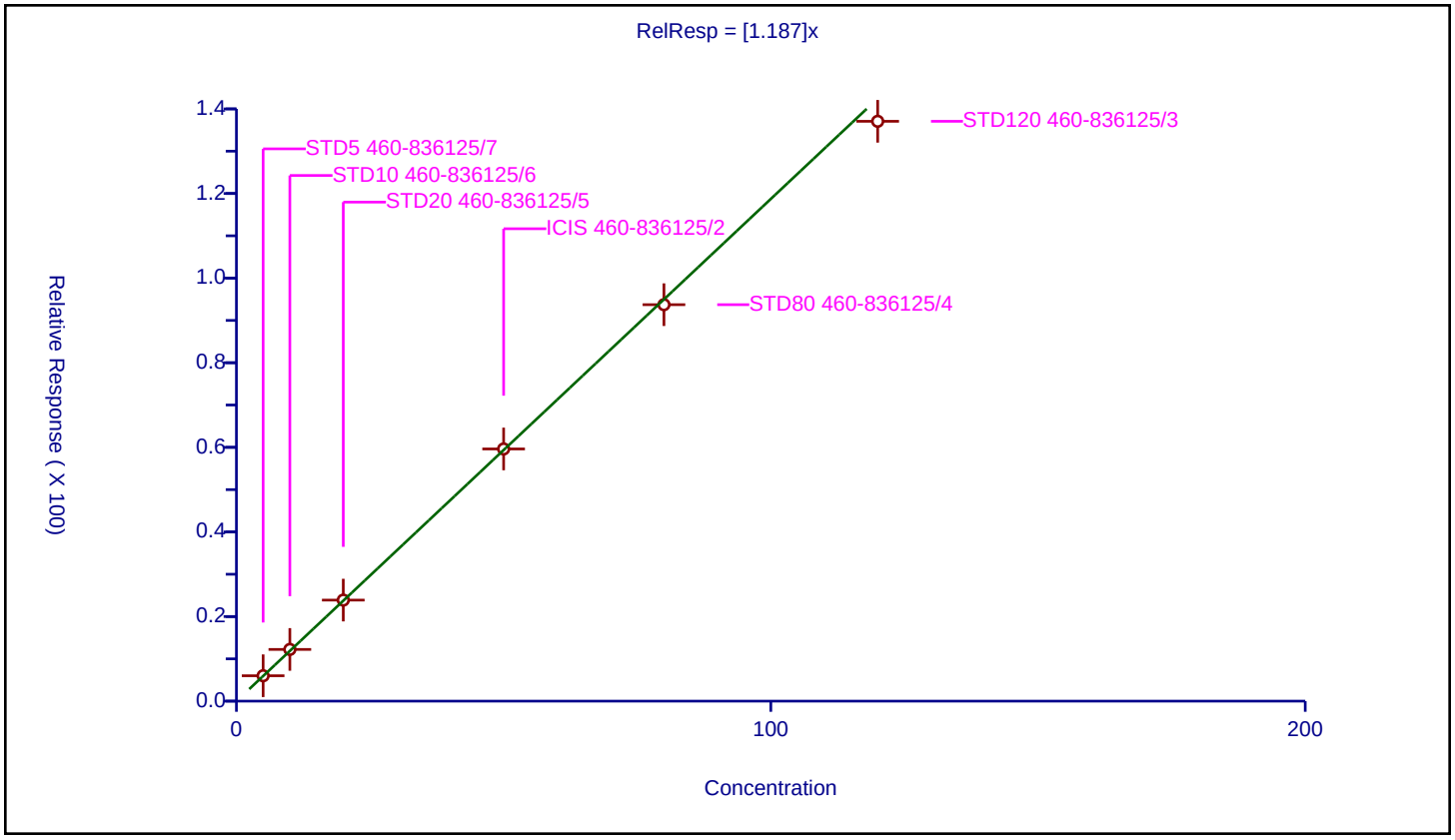
Curve Coefficients

Intercept:	0
Slope:	1.187

Error Coefficients

Standard Error:	107000
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.000283	40.0	56444.0	1.200057	Y
2	STD10 460-836125/6	10.0	12.223745	40.0	52524.0	1.222375	Y
3	STD20 460-836125/5	20.0	23.884547	40.0	53355.0	1.194227	Y
4	ICIS 460-836125/2	50.0	59.61472	40.0	52689.0	1.192294	Y
5	STD80 460-836125/4	80.0	93.720317	40.0	54576.0	1.171504	Y
6	STD120 460-836125/3	120.0	137.067777	40.0	53809.0	1.142231	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

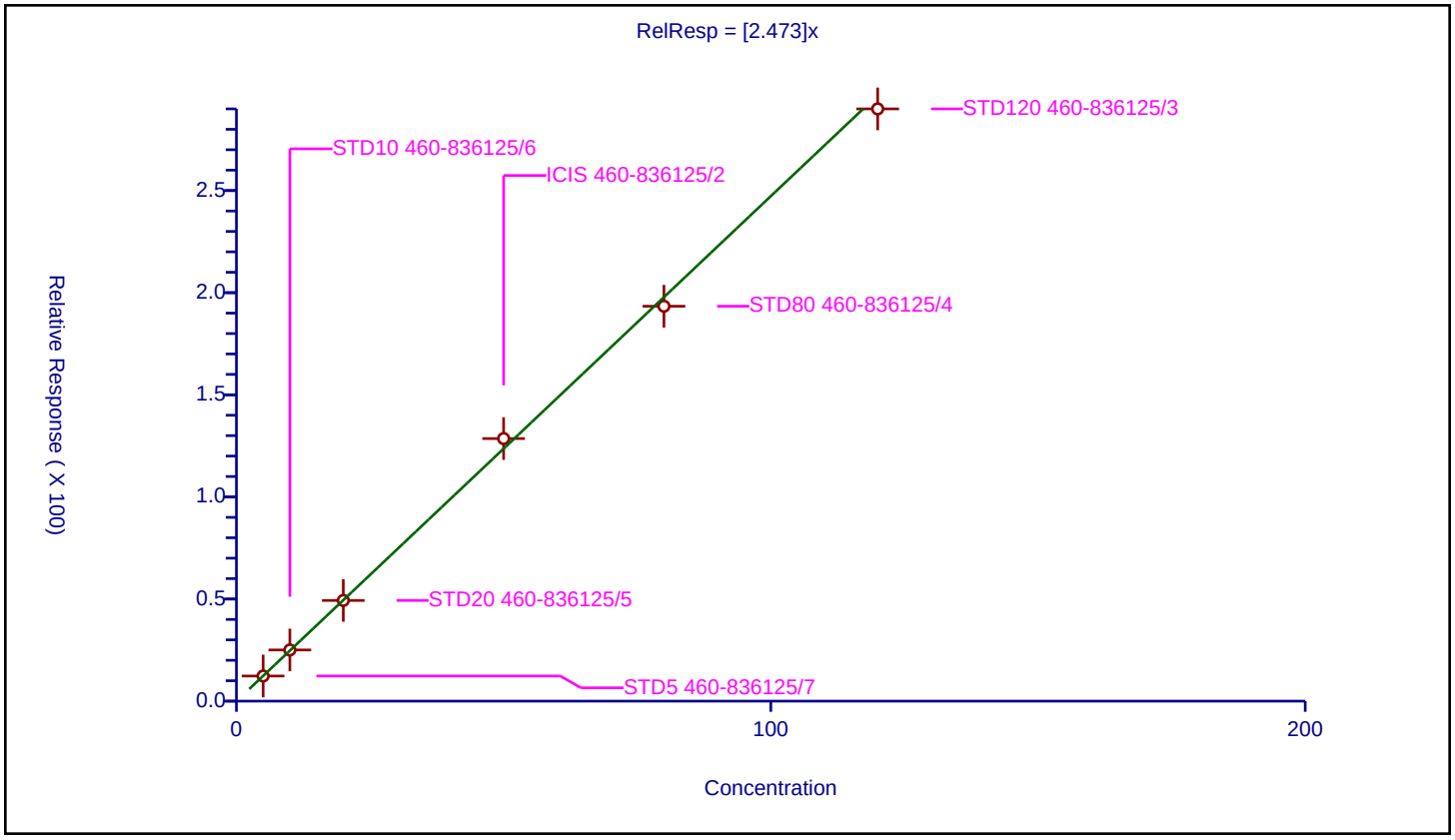
Curve Coefficients

Intercept:	0
Slope:	2.473

Error Coefficients

Standard Error:	226000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	12.300333	40.0	56444.0	2.460067	Y
2	STD10 460-836125/6	10.0	25.059782	40.0	52524.0	2.505978	Y
3	STD20 460-836125/5	20.0	49.298472	40.0	53355.0	2.464924	Y
4	ICIS 460-836125/2	50.0	128.571808	40.0	52689.0	2.571436	Y
5	STD80 460-836125/4	80.0	193.376576	40.0	54576.0	2.417207	Y
6	STD120 460-836125/3	120.0	289.996841	40.0	53809.0	2.41664	Y



Calibration / 3 & 4 Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

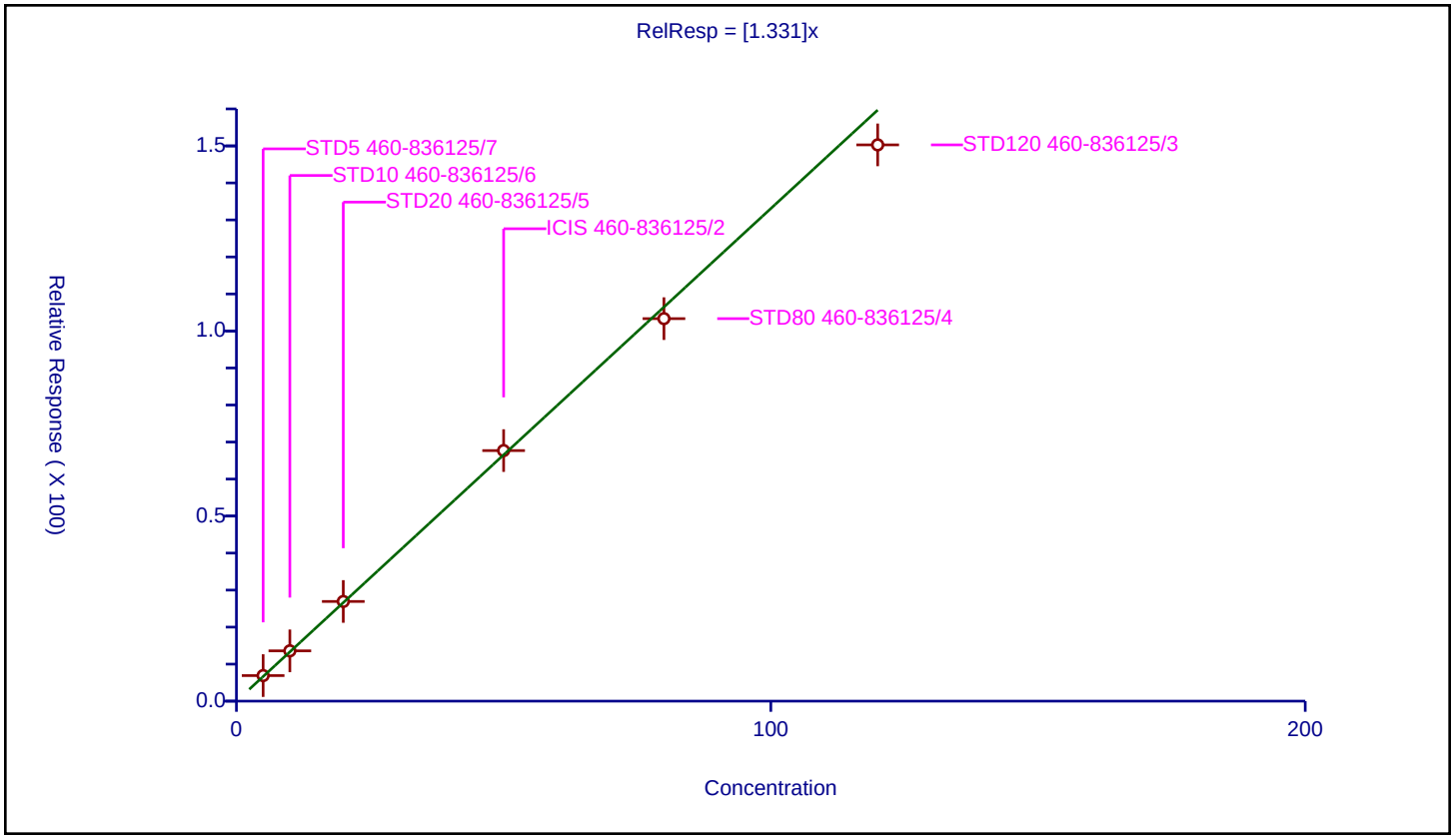
Curve Coefficients

Intercept:	0
Slope:	1.331

Error Coefficients

Standard Error:	119000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.905251	40.0	56444.0	1.38105	Y
2	STD10 460-836125/6	10.0	13.591501	40.0	52524.0	1.35915	Y
3	STD20 460-836125/5	20.0	26.931309	40.0	53355.0	1.346565	Y
4	ICIS 460-836125/2	50.0	67.690789	40.0	52689.0	1.353816	Y
5	STD80 460-836125/4	80.0	103.338464	40.0	54576.0	1.291731	Y
6	STD120 460-836125/3	120.0	150.27672	40.0	53809.0	1.252306	Y



Calibration / 4-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

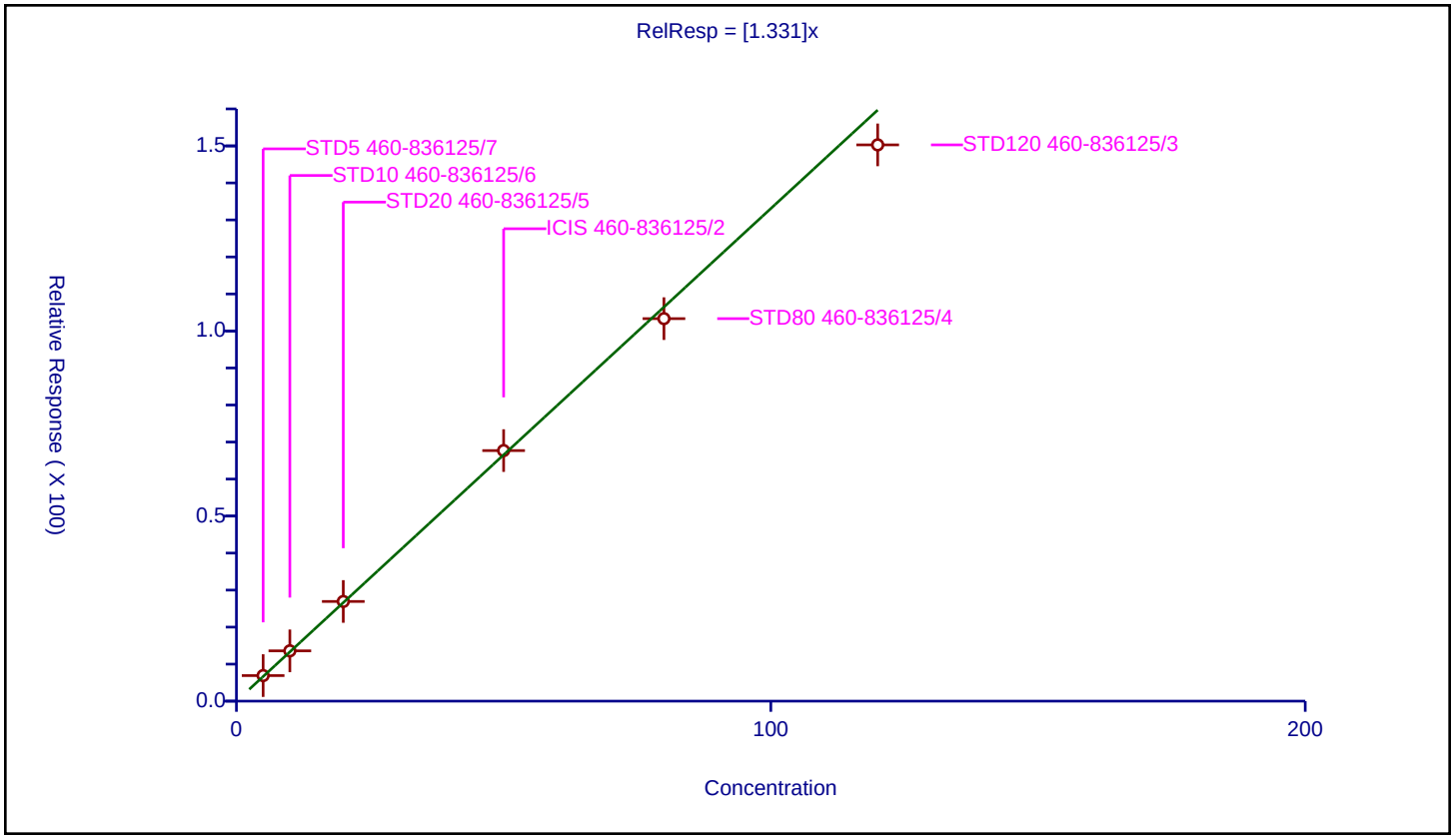
Curve Coefficients

Intercept:	0
Slope:	1.331

Error Coefficients

Standard Error:	119000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.905251	40.0	56444.0	1.38105	Y
2	STD10 460-836125/6	10.0	13.591501	40.0	52524.0	1.35915	Y
3	STD20 460-836125/5	20.0	26.931309	40.0	53355.0	1.346565	Y
4	ICIS 460-836125/2	50.0	67.690789	40.0	52689.0	1.353816	Y
5	STD80 460-836125/4	80.0	103.338464	40.0	54576.0	1.291731	Y
6	STD120 460-836125/3	120.0	150.27672	40.0	53809.0	1.252306	Y



Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

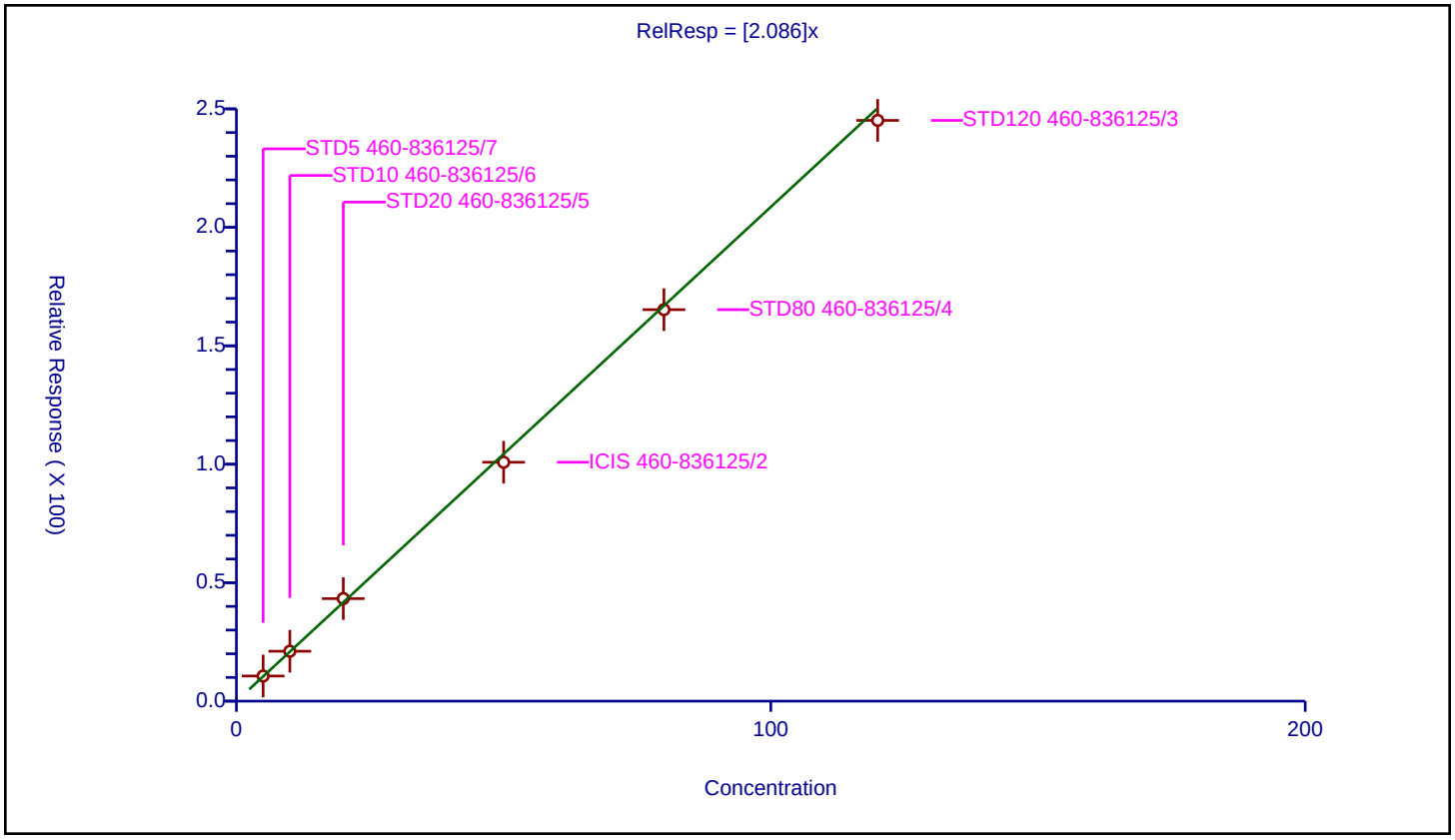
Curve Coefficients

Intercept:	0
Slope:	2.086

Error Coefficients

Standard Error:	190000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	10.602367	40.0	56444.0	2.120473	Y
2	STD10 460-836125/6	10.0	21.06161	40.0	52524.0	2.106161	Y
3	STD20 460-836125/5	20.0	43.294162	40.0	53355.0	2.164708	Y
4	ICIS 460-836125/2	50.0	100.840024	40.0	52689.0	2.0168	Y
5	STD80 460-836125/4	80.0	165.25579	40.0	54576.0	2.065697	Y
6	STD120 460-836125/3	120.0	245.147094	40.0	53809.0	2.042892	Y



Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

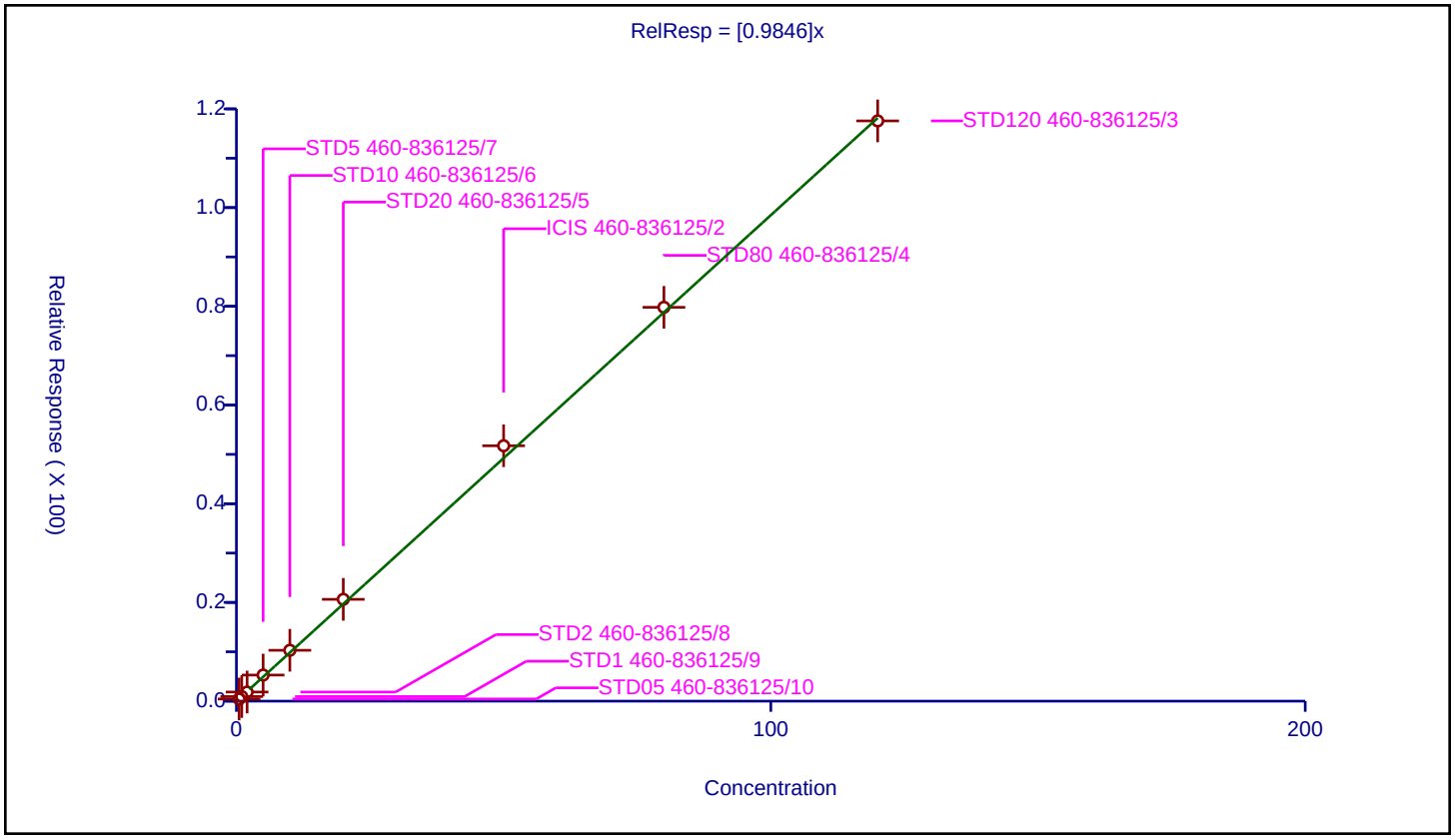
Curve Coefficients

Intercept:	0
Slope:	0.9846

Error Coefficients

Standard Error:	72800
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	STD05 460-836125/10	0.5	0.436747	40.0	54677.0	0.873493	Y
2	STD1 460-836125/9	1.0	0.932388	40.0	52210.0	0.932388	Y
3	STD2 460-836125/8	2.0	1.84996	40.0	53839.0	0.92498	Y
4	STD5 460-836125/7	5.0	5.28453	40.0	56444.0	1.056906	Y
5	STD10 460-836125/6	10.0	10.304623	40.0	52524.0	1.030462	Y
6	STD20 460-836125/5	20.0	20.629369	40.0	53355.0	1.031468	Y
7	ICIS 460-836125/2	50.0	51.745905	40.0	52689.0	1.034918	Y
8	STD80 460-836125/4	80.0	79.796247	40.0	54576.0	0.997453	Y
9	STD120 460-836125/3	120.0	117.568437	40.0	53809.0	0.979737	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

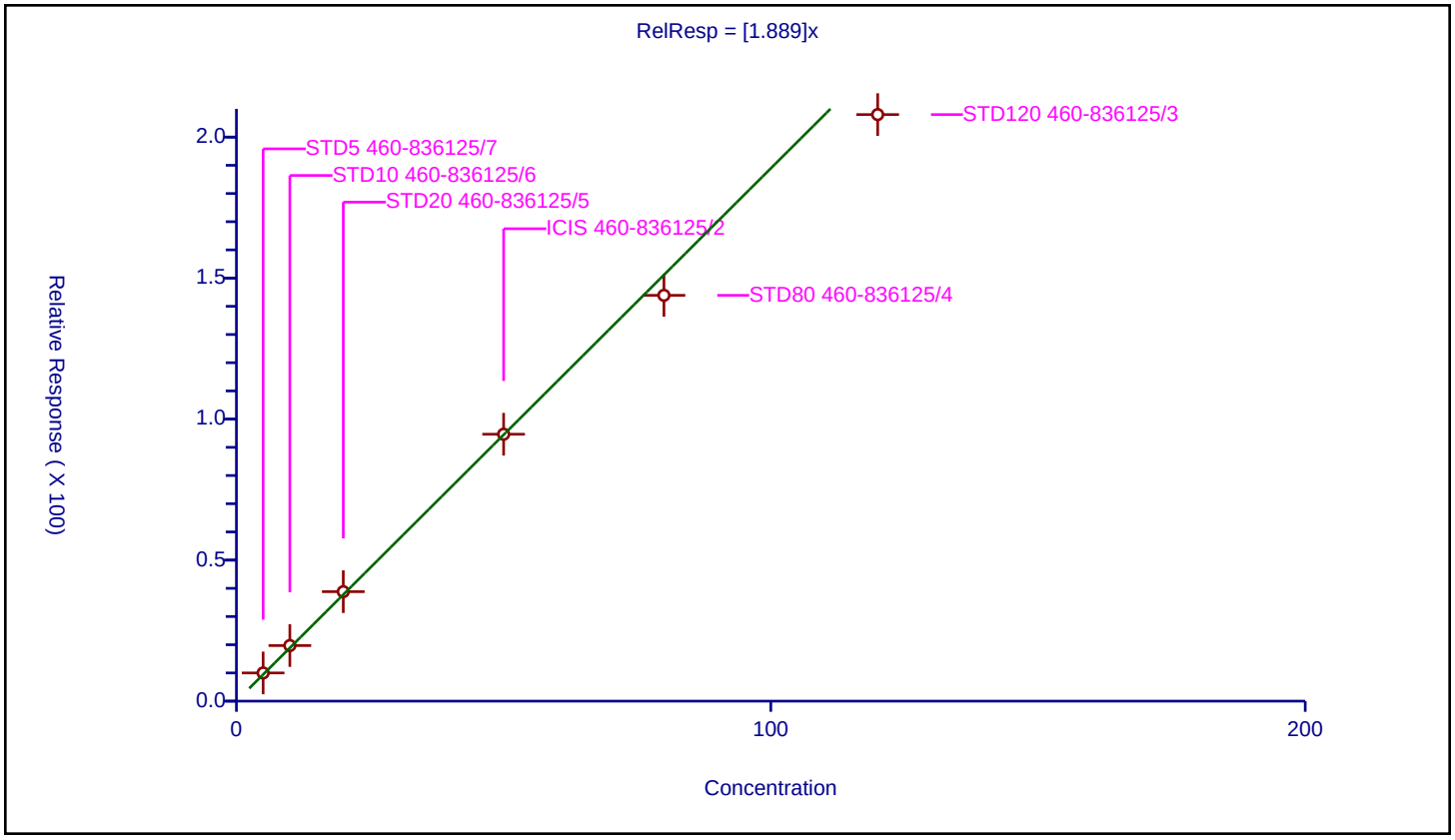
Curve Coefficients

Intercept:	0
Slope:	1.889

Error Coefficients

Standard Error:	165000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	9.992913	40.0	56444.0	1.998583	Y
2	STD10 460-836125/6	10.0	19.705278	40.0	52524.0	1.970528	Y
3	STD20 460-836125/5	20.0	38.81848	40.0	53355.0	1.940924	Y
4	ICIS 460-836125/2	50.0	94.641386	40.0	52689.0	1.892828	Y
5	STD80 460-836125/4	80.0	143.891088	40.0	54576.0	1.798639	Y
6	STD120 460-836125/3	120.0	207.981564	40.0	53809.0	1.73318	Y



Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

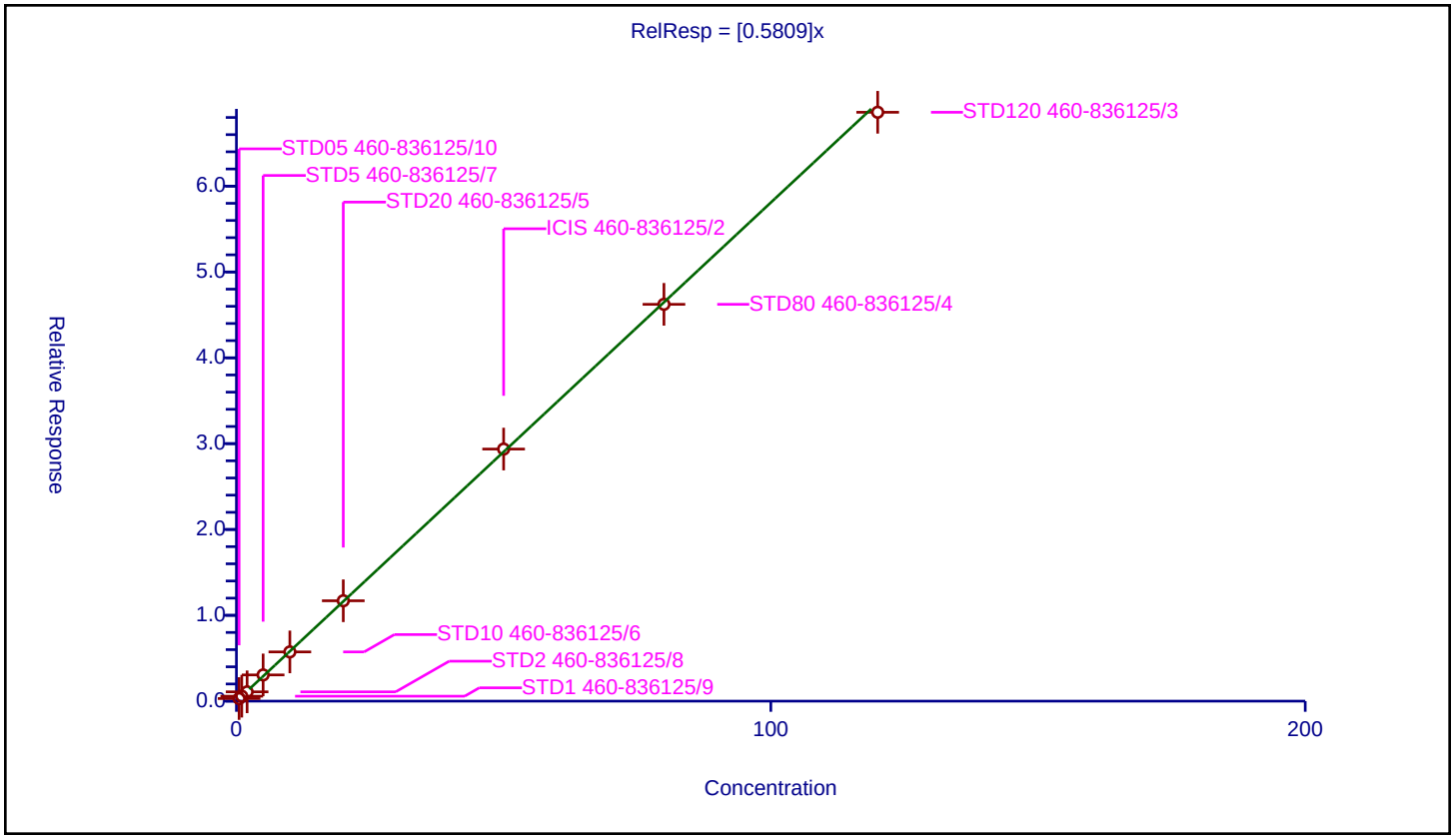
Curve Coefficients

Intercept:	0
Slope:	0.5809

Error Coefficients

Standard Error:	42300
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.301406	40.0	54677.0	0.602813	Y
2	STD1 460-836125/9	1.0	0.576901	40.0	52210.0	0.576901	Y
3	STD2 460-836125/8	2.0	1.083973	40.0	53839.0	0.541986	Y
4	STD5 460-836125/7	5.0	3.053646	40.0	56444.0	0.610729	Y
5	STD10 460-836125/6	10.0	5.736806	40.0	52524.0	0.573681	Y
6	STD20 460-836125/5	20.0	11.693	40.0	53355.0	0.58465	Y
7	ICIS 460-836125/2	50.0	29.3678	40.0	52689.0	0.587356	Y
8	STD80 460-836125/4	80.0	46.23131	40.0	54576.0	0.577891	Y
9	STD120 460-836125/3	120.0	68.60711	40.0	53809.0	0.571726	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

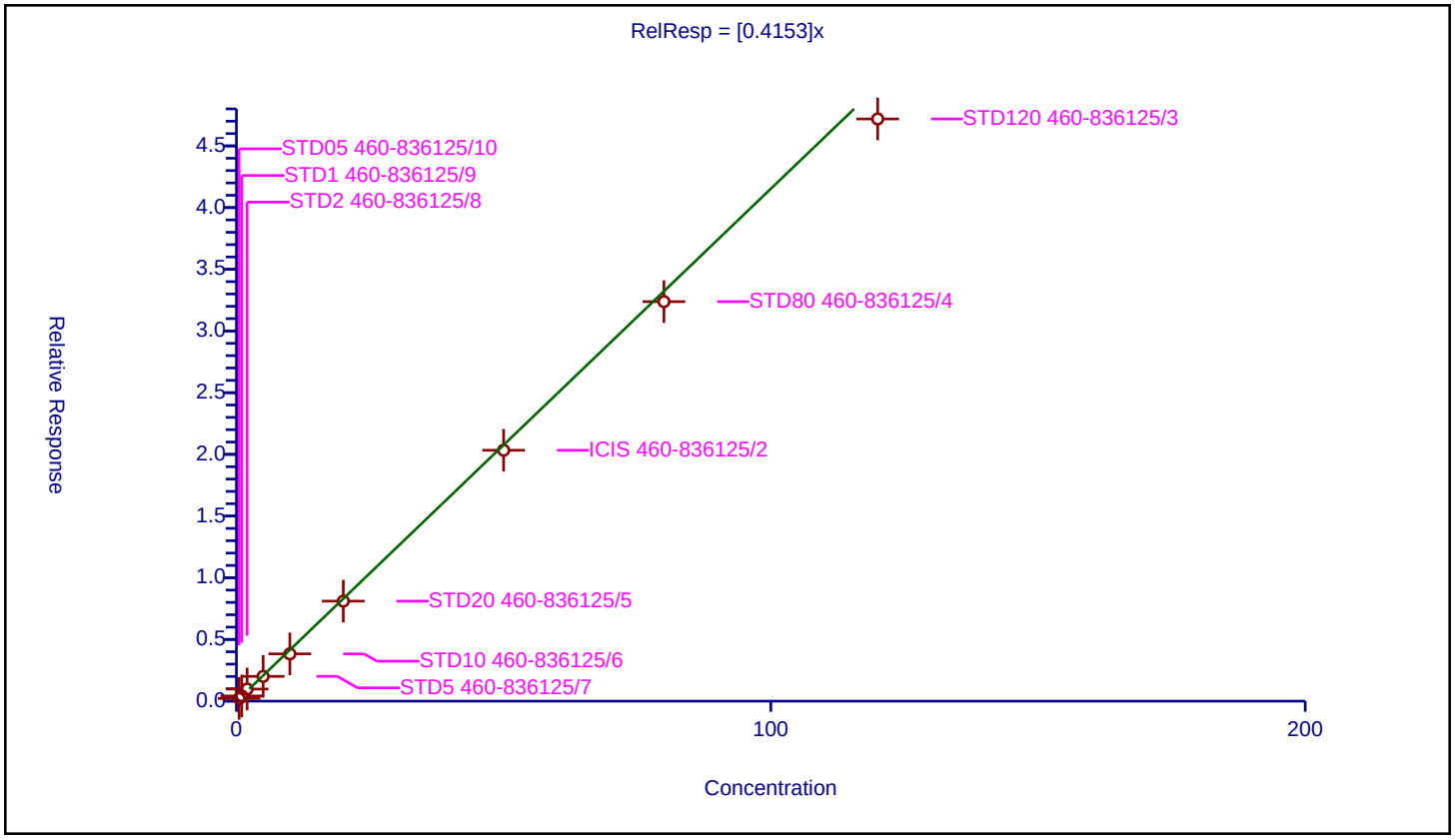
Curve Coefficients

Intercept:	0
Slope:	0.4153

Error Coefficients

Standard Error:	110000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.217283	40.0	202685.0	0.434566	Y
2	STD1 460-836125/9	1.0	0.419167	40.0	198298.0	0.419167	Y
3	STD2 460-836125/8	2.0	0.979125	40.0	203733.0	0.489562	Y
4	STD5 460-836125/7	5.0	2.006007	40.0	214077.0	0.401201	Y
5	STD10 460-836125/6	10.0	3.83	40.0	197765.0	0.383	Y
6	STD20 460-836125/5	20.0	8.103799	40.0	203702.0	0.40519	Y
7	ICIS 460-836125/2	50.0	20.333343	40.0	201594.0	0.406667	Y
8	STD80 460-836125/4	80.0	32.37806	40.0	204116.0	0.404726	Y
9	STD120 460-836125/3	120.0	47.183194	40.0	202261.0	0.393193	Y



Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

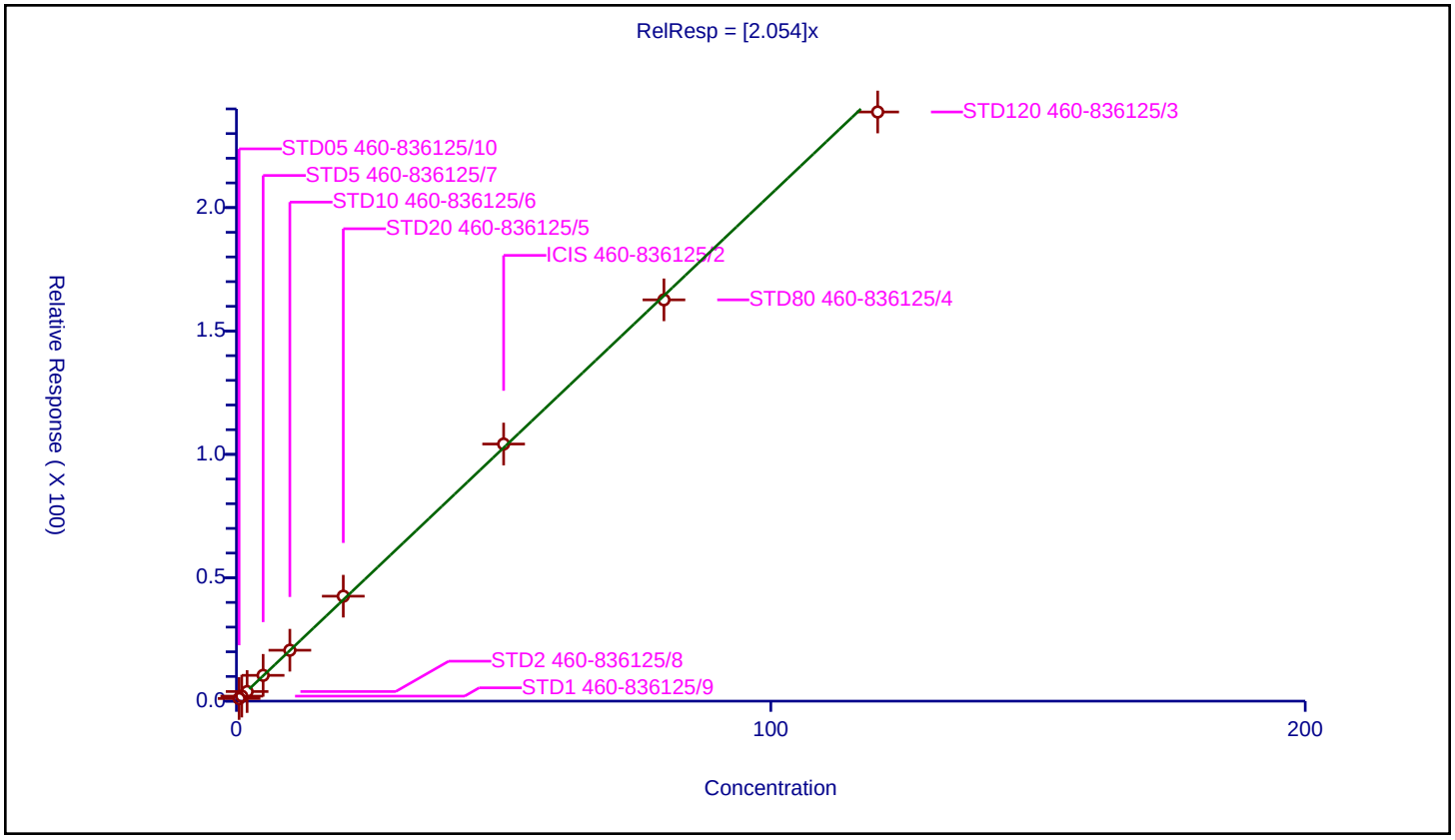
Curve Coefficients

Intercept:	0
Slope:	2.054

Error Coefficients

Standard Error:	148000
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	STD05 460-836125/10	0.5	1.059312	40.0	54677.0	2.118624	Y
2	STD1 460-836125/9	1.0	2.033327	40.0	52210.0	2.033327	Y
3	STD2 460-836125/8	2.0	3.889374	40.0	53839.0	1.944687	Y
4	STD5 460-836125/7	5.0	10.456382	40.0	56444.0	2.091276	Y
5	STD10 460-836125/6	10.0	20.630569	40.0	52524.0	2.063057	Y
6	STD20 460-836125/5	20.0	42.533971	40.0	53355.0	2.126699	Y
7	ICIS 460-836125/2	50.0	104.195563	40.0	52689.0	2.083911	Y
8	STD80 460-836125/4	80.0	162.619466	40.0	54576.0	2.032743	Y
9	STD120 460-836125/3	120.0	238.751882	40.0	53809.0	1.989599	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

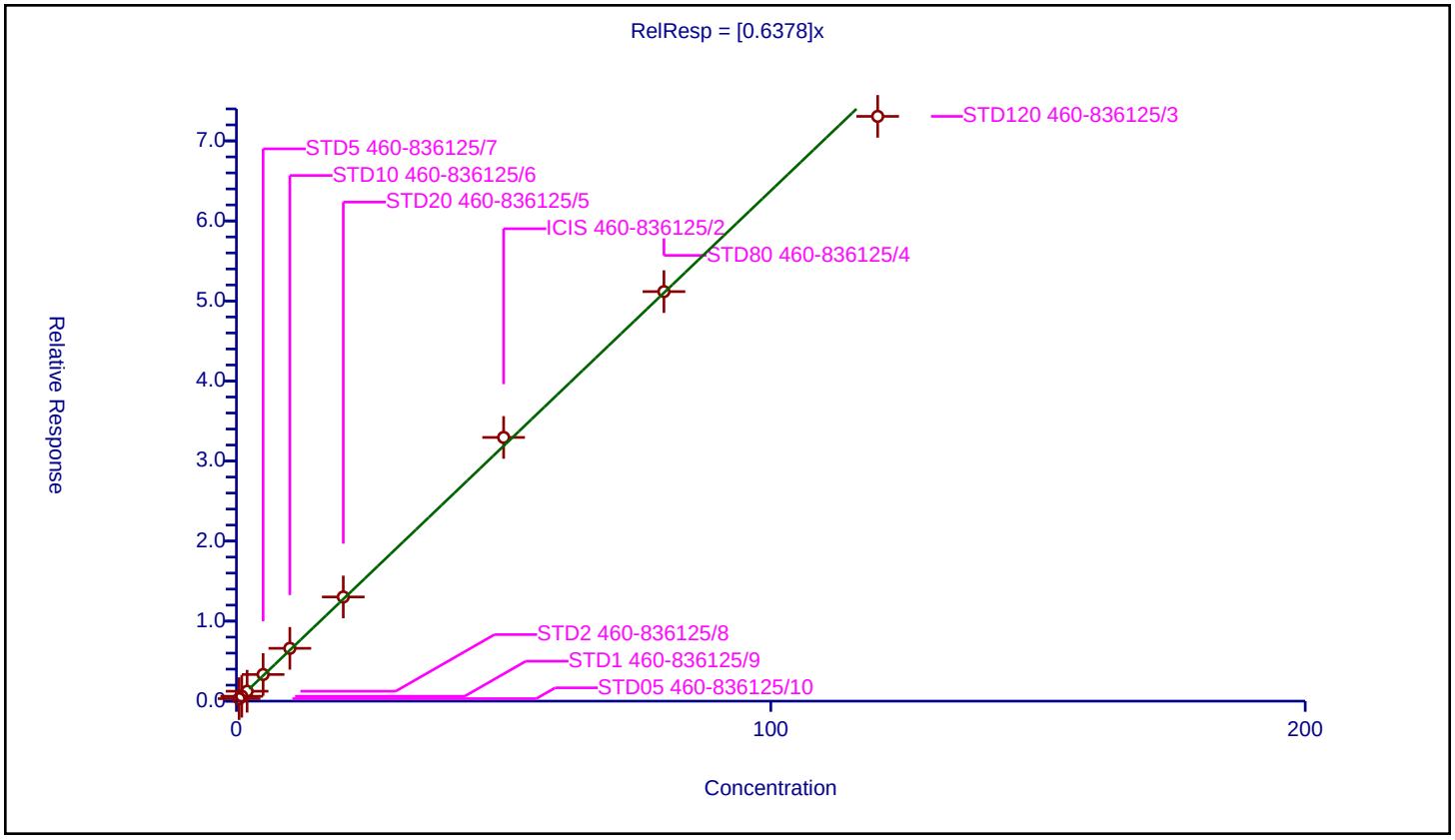
Curve Coefficients

Intercept:	0
Slope:	0.6378

Error Coefficients

Standard Error:	45800
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.313112	40.0	54677.0	0.626223	Y
2	STD1 460-836125/9	1.0	0.609079	40.0	52210.0	0.609079	Y
3	STD2 460-836125/8	2.0	1.239993	40.0	53839.0	0.619997	Y
4	STD5 460-836125/7	5.0	3.330735	40.0	56444.0	0.666147	Y
5	STD10 460-836125/6	10.0	6.59965	40.0	52524.0	0.659965	Y
6	STD20 460-836125/5	20.0	13.016962	40.0	53355.0	0.650848	Y
7	ICIS 460-836125/2	50.0	32.950331	40.0	52689.0	0.659007	Y
8	STD80 460-836125/4	80.0	51.171944	40.0	54576.0	0.639649	Y
9	STD120 460-836125/3	120.0	73.063614	40.0	53809.0	0.608863	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

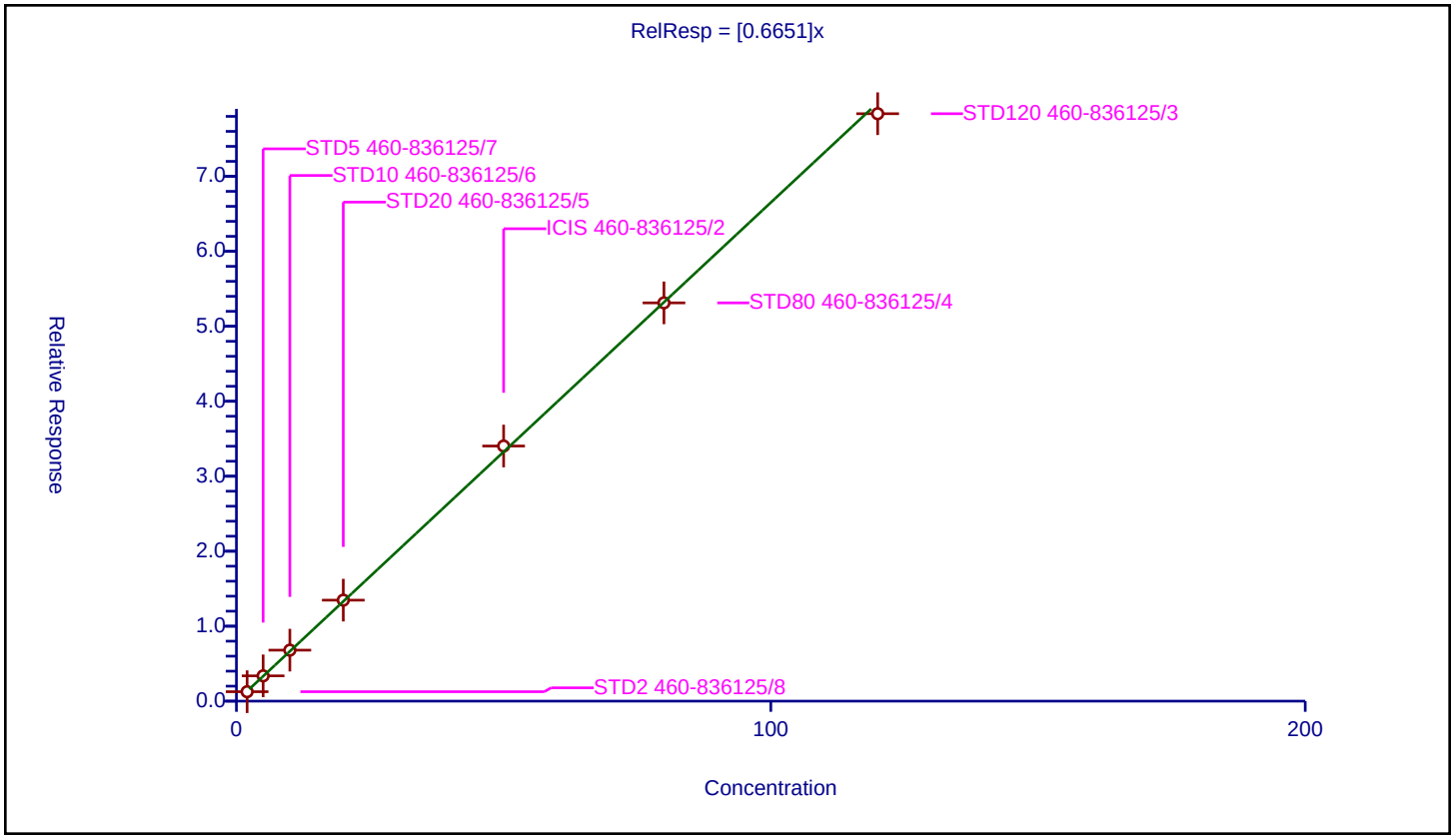
Curve Coefficients

Intercept:	0
Slope:	0.6651

Error Coefficients

Standard Error:	211000
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	STD2 460-836125/8	2.0	1.259492	40.0	203733.0	0.629746	Y
2	STD5 460-836125/7	5.0	3.372431	40.0	214077.0	0.674486	Y
3	STD10 460-836125/6	10.0	6.802215	40.0	197765.0	0.680221	Y
4	STD20 460-836125/5	20.0	13.471247	40.0	203702.0	0.673562	Y
5	ICIS 460-836125/2	50.0	34.028394	40.0	201594.0	0.680568	Y
6	STD80 460-836125/4	80.0	53.125478	40.0	204116.0	0.664068	Y
7	STD120 460-836125/3	120.0	78.358161	40.0	202261.0	0.652985	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

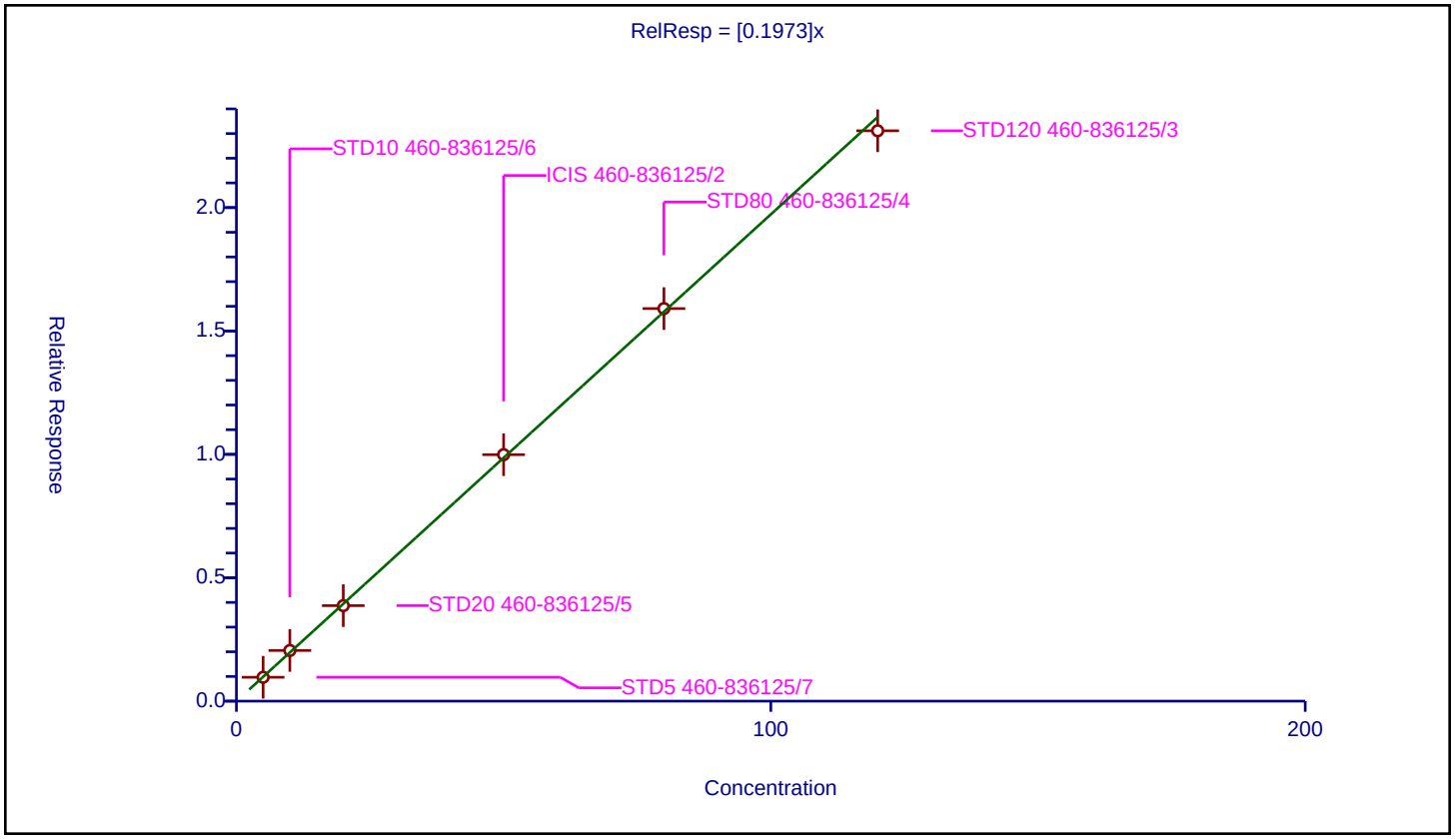
Curve Coefficients

Intercept:	0
Slope:	0.1973

Error Coefficients

Standard Error:	68300
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	0.967129	40.0	214077.0	0.193426	Y
2	STD10 460-836125/6	10.0	2.053751	40.0	197765.0	0.205375	Y
3	STD20 460-836125/5	20.0	3.869771	40.0	203702.0	0.193489	Y
4	ICIS 460-836125/2	50.0	9.988393	40.0	201594.0	0.199768	Y
5	STD80 460-836125/4	80.0	15.908405	40.0	204116.0	0.198855	Y
6	STD120 460-836125/3	120.0	23.112513	40.0	202261.0	0.192604	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

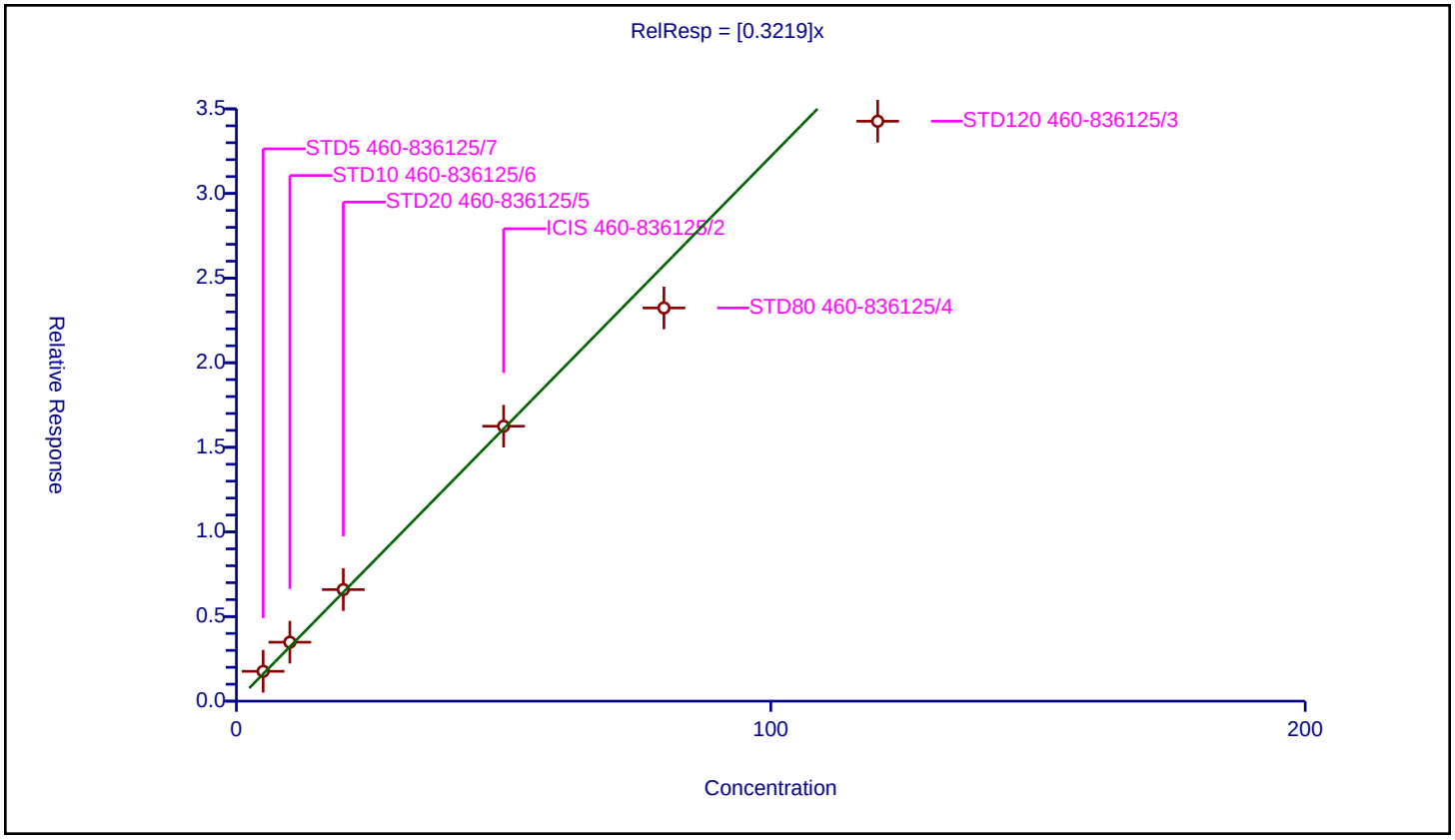
Curve Coefficients

Intercept:	0
Slope:	0.3219

Error Coefficients

Standard Error:	102000
Relative Standard Error:	8.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.762357	40.0	214077.0	0.352471	Y
2	STD10 460-836125/6	10.0	3.482922	40.0	197765.0	0.348292	Y
3	STD20 460-836125/5	20.0	6.592179	40.0	203702.0	0.329609	Y
4	ICIS 460-836125/2	50.0	16.247111	40.0	201594.0	0.324942	Y
5	STD80 460-836125/4	80.0	23.236003	40.0	204116.0	0.29045	Y
6	STD120 460-836125/3	120.0	34.269582	40.0	202261.0	0.28558	Y



Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

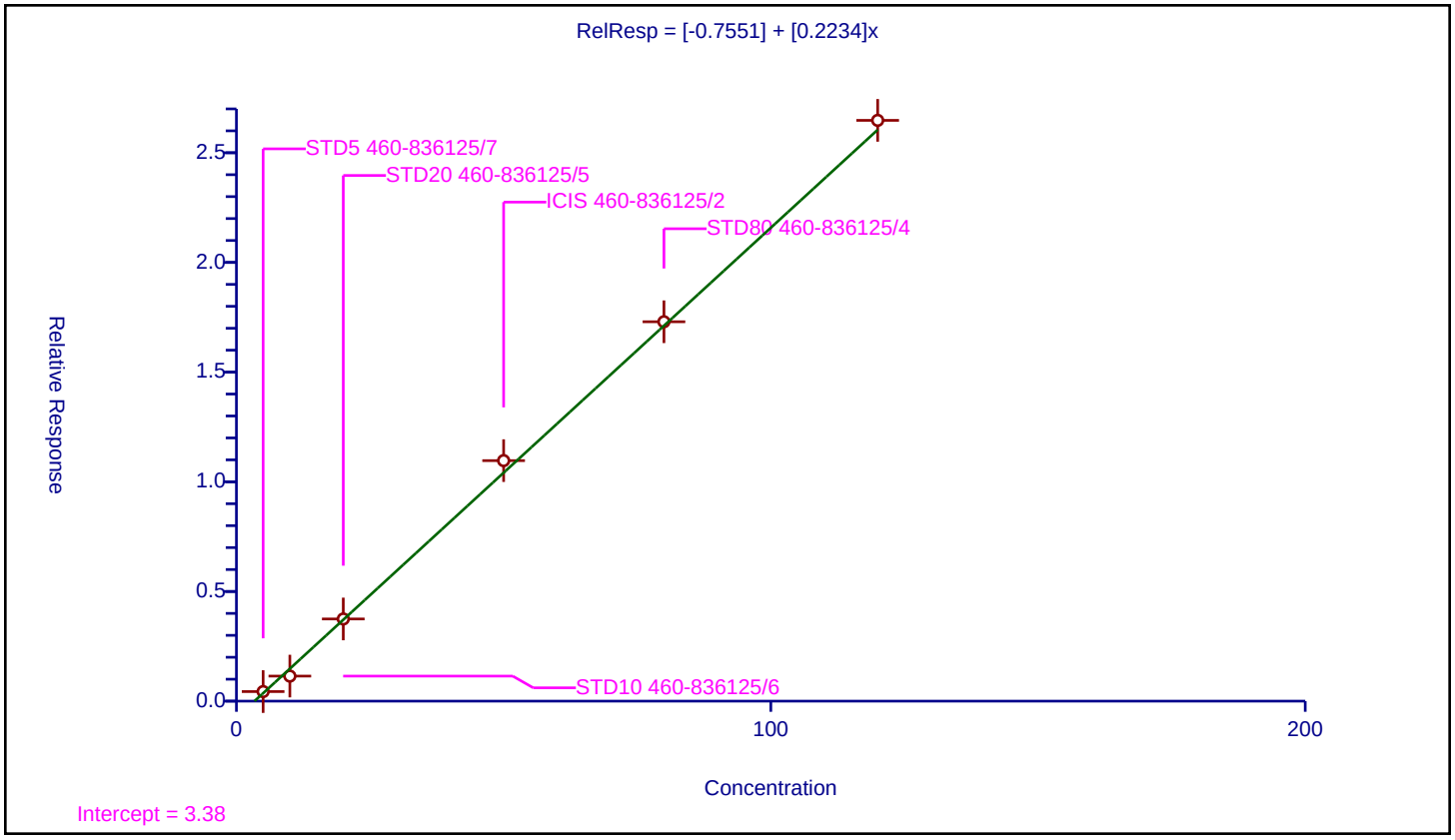
Curve Coefficients

Intercept:	-0.7551
Slope:	0.2234

Error Coefficients

Standard Error:	85400
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	0.436478	40.0	214077.0	0.087296	Y
2	STD10 460-836125/6	10.0	1.142568	40.0	197765.0	0.114257	Y
3	STD20 460-836125/5	20.0	3.746453	40.0	203702.0	0.187323	Y
4	ICIS 460-836125/2	50.0	10.964414	40.0	201594.0	0.219288	Y
5	STD80 460-836125/4	80.0	17.296047	40.0	204116.0	0.216201	Y
6	STD120 460-836125/3	120.0	26.476286	40.0	202261.0	0.220636	Y



Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

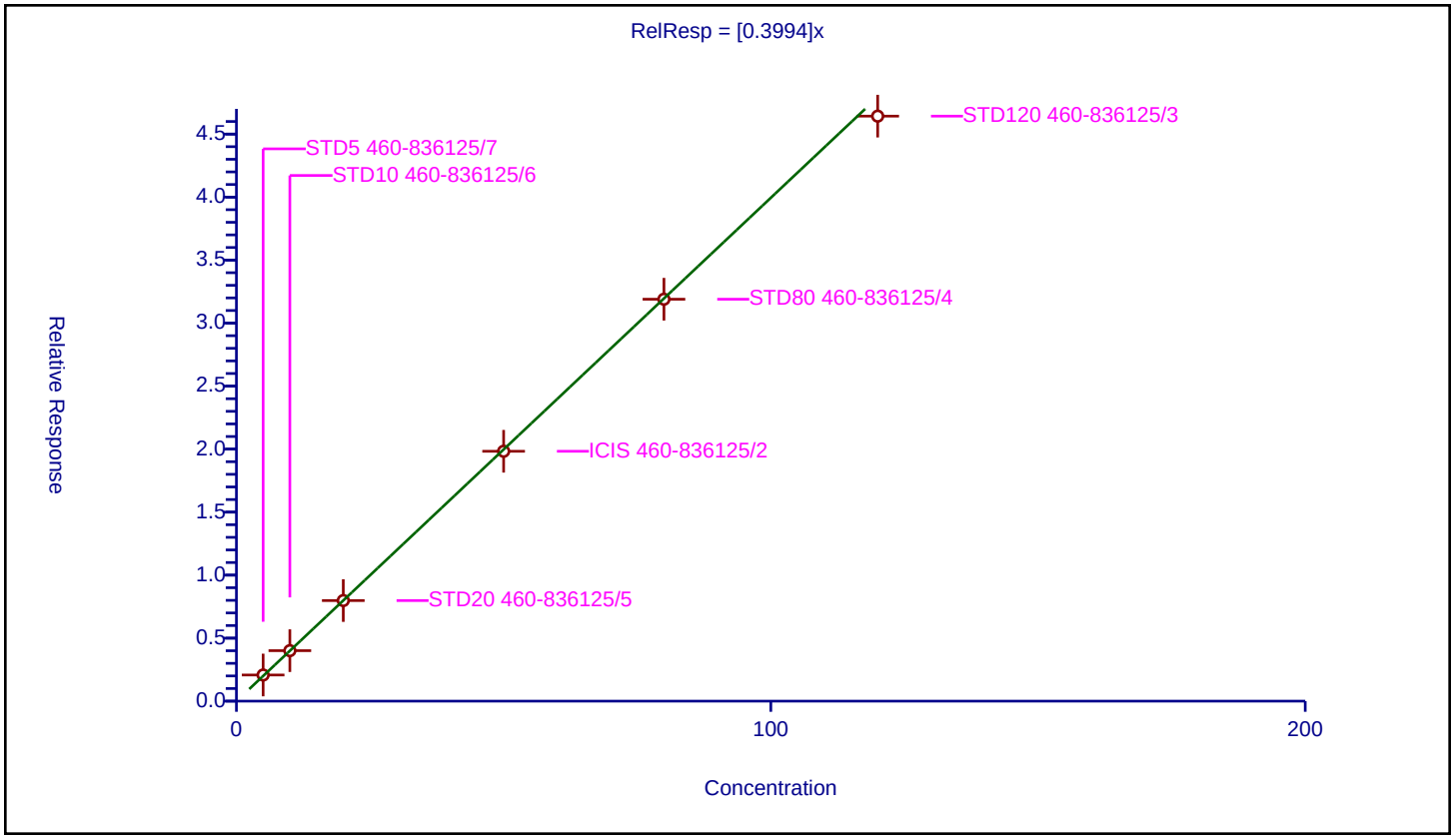
Curve Coefficients

Intercept:	0
Slope:	0.3994

Error Coefficients

Standard Error:	137000
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.074394	40.0	214077.0	0.414879	Y
2	STD10 460-836125/6	10.0	4.00536	40.0	197765.0	0.400536	Y
3	STD20 460-836125/5	20.0	7.981856	40.0	203702.0	0.399093	Y
4	ICIS 460-836125/2	50.0	19.82936	40.0	201594.0	0.396587	Y
5	STD80 460-836125/4	80.0	31.895001	40.0	204116.0	0.398688	Y
6	STD120 460-836125/3	120.0	46.424768	40.0	202261.0	0.386873	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

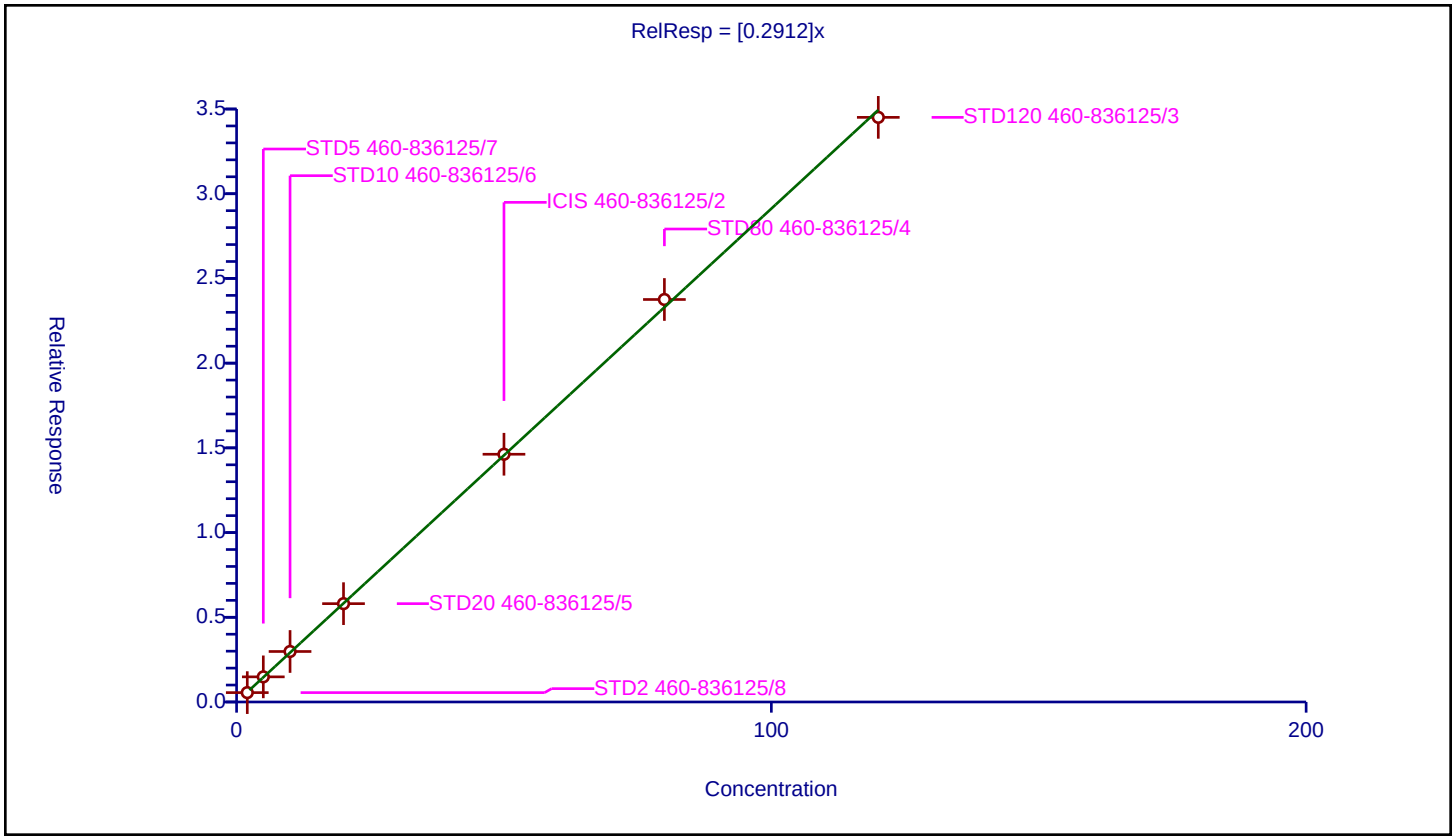
Curve Coefficients

Intercept:	0
Slope:	0.2912

Error Coefficients

Standard Error:	92800
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836125/8	2.0	0.553077	40.0	203733.0	0.276538	Y
2	STD5 460-836125/7	5.0	1.483205	40.0	214077.0	0.296641	Y
3	STD10 460-836125/6	10.0	2.980305	40.0	197765.0	0.29803	Y
4	STD20 460-836125/5	20.0	5.804361	40.0	203702.0	0.290218	Y
5	ICIS 460-836125/2	50.0	14.622459	40.0	201594.0	0.292449	Y
6	STD80 460-836125/4	80.0	23.757079	40.0	204116.0	0.296963	Y
7	STD120 460-836125/3	120.0	34.508086	40.0	202261.0	0.287567	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

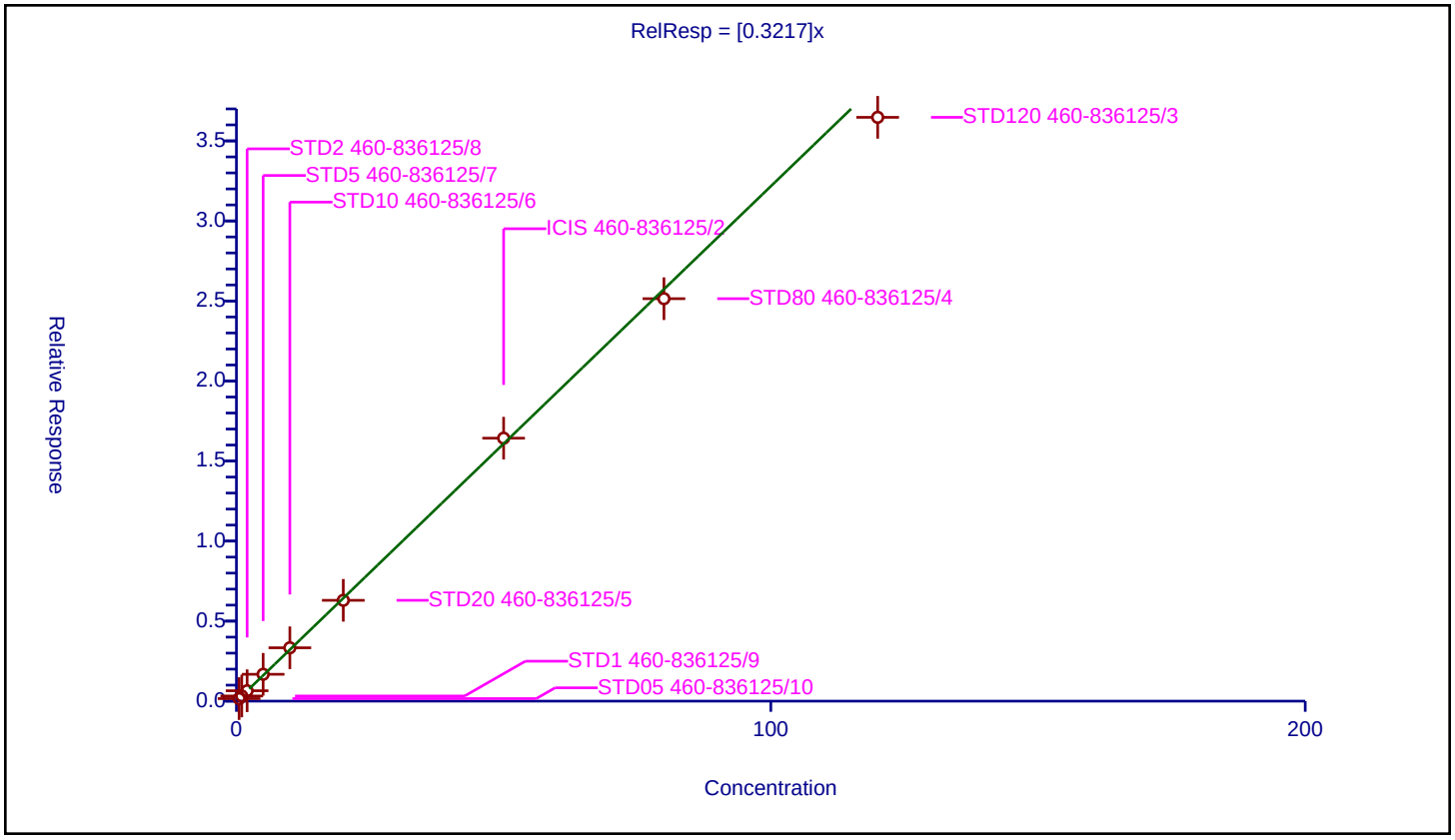
Curve Coefficients

Intercept:	0
Slope:	0.3217

Error Coefficients

Standard Error:	85700
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.159065	40.0	202685.0	0.318129	Y
2	STD1 460-836125/9	1.0	0.321335	40.0	198298.0	0.321335	Y
3	STD2 460-836125/8	2.0	0.649085	40.0	203733.0	0.324542	Y
4	STD5 460-836125/7	5.0	1.678648	40.0	214077.0	0.33573	Y
5	STD10 460-836125/6	10.0	3.33426	40.0	197765.0	0.333426	Y
6	STD20 460-836125/5	20.0	6.299005	40.0	203702.0	0.31495	Y
7	ICIS 460-836125/2	50.0	16.428267	40.0	201594.0	0.328565	Y
8	STD80 460-836125/4	80.0	25.142566	40.0	204116.0	0.314282	Y
9	STD120 460-836125/3	120.0	36.473072	40.0	202261.0	0.303942	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

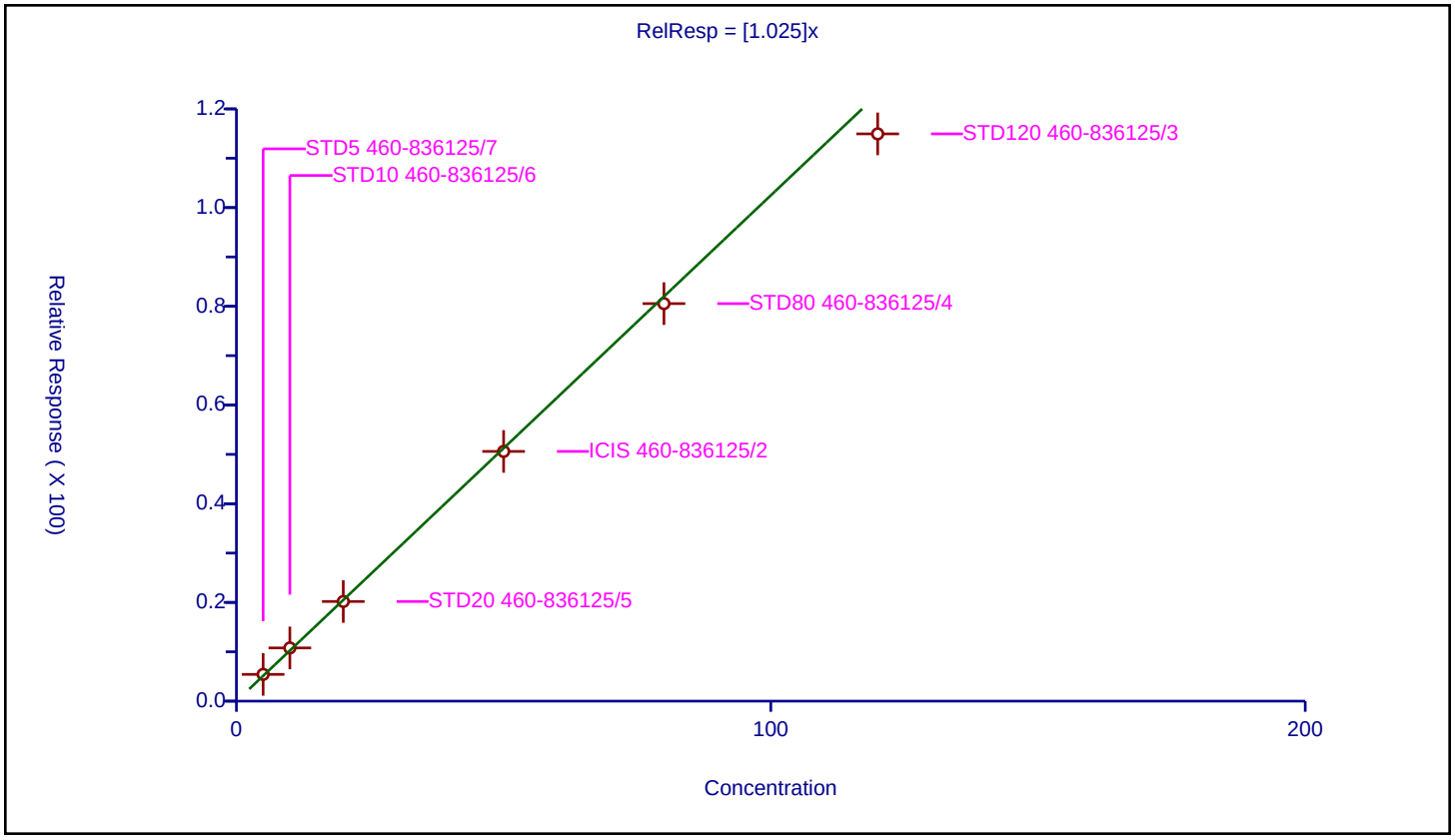
Curve Coefficients

Intercept:	0
Slope:	1.025

Error Coefficients

Standard Error:	342000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.421974	40.0	214077.0	1.084395	Y
2	STD10 460-836125/6	10.0	10.781079	40.0	197765.0	1.078108	Y
3	STD20 460-836125/5	20.0	20.192242	40.0	203702.0	1.009612	Y
4	ICIS 460-836125/2	50.0	50.600315	40.0	201594.0	1.012006	Y
5	STD80 460-836125/4	80.0	80.545768	40.0	204116.0	1.006822	Y
6	STD120 460-836125/3	120.0	114.936641	40.0	202261.0	0.957805	Y



Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

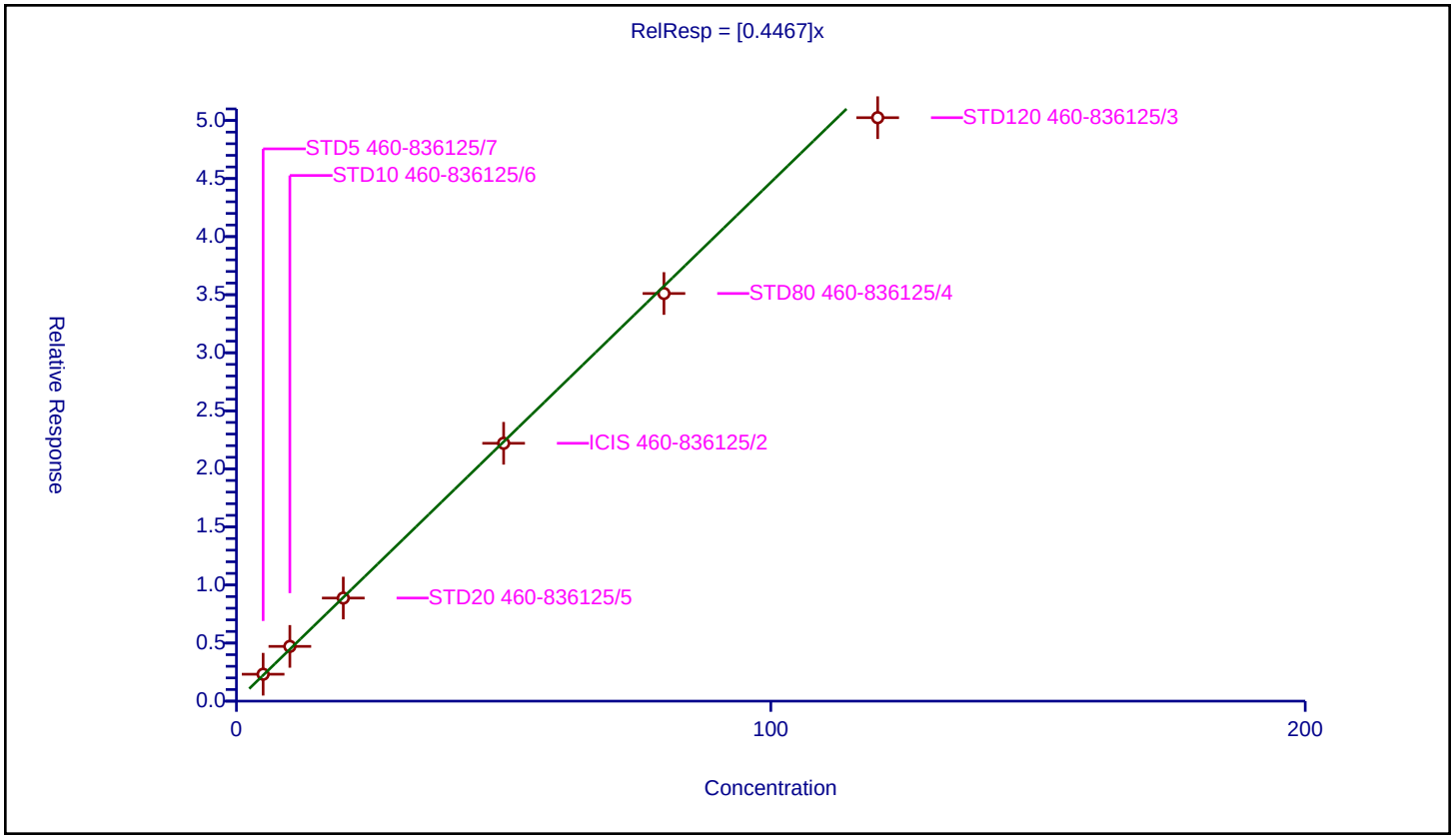
Curve Coefficients

Intercept:	0
Slope:	0.4467

Error Coefficients

Standard Error:	150000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.316923	40.0	214077.0	0.463385	Y
2	STD10 460-836125/6	10.0	4.715293	40.0	197765.0	0.471529	Y
3	STD20 460-836125/5	20.0	8.8763	40.0	203702.0	0.443815	Y
4	ICIS 460-836125/2	50.0	22.204232	40.0	201594.0	0.444085	Y
5	STD80 460-836125/4	80.0	35.104352	40.0	204116.0	0.438804	Y
6	STD120 460-836125/3	120.0	50.243201	40.0	202261.0	0.418693	Y



Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

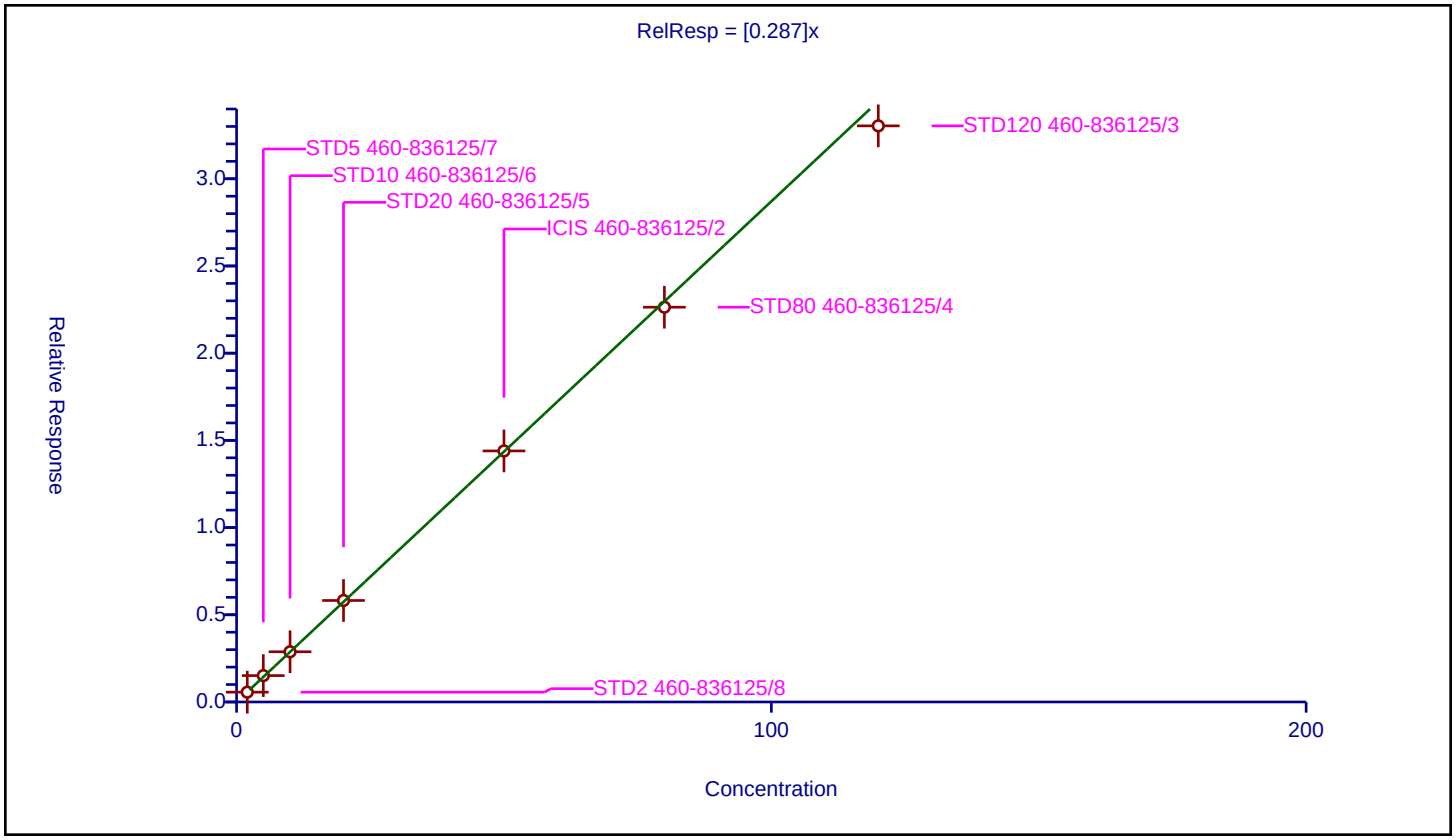
Curve Coefficients

Intercept:	0
Slope:	0.287

Error Coefficients

Standard Error:	89100
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836125/8	2.0	0.563286	40.0	203733.0	0.281643	Y
2	STD5 460-836125/7	5.0	1.5131	40.0	214077.0	0.30262	Y
3	STD10 460-836125/6	10.0	2.879782	40.0	197765.0	0.287978	Y
4	STD20 460-836125/5	20.0	5.819678	40.0	203702.0	0.290984	Y
5	ICIS 460-836125/2	50.0	14.394476	40.0	201594.0	0.28789	Y
6	STD80 460-836125/4	80.0	22.63654	40.0	204116.0	0.282957	Y
7	STD120 460-836125/3	120.0	33.03316	40.0	202261.0	0.275276	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

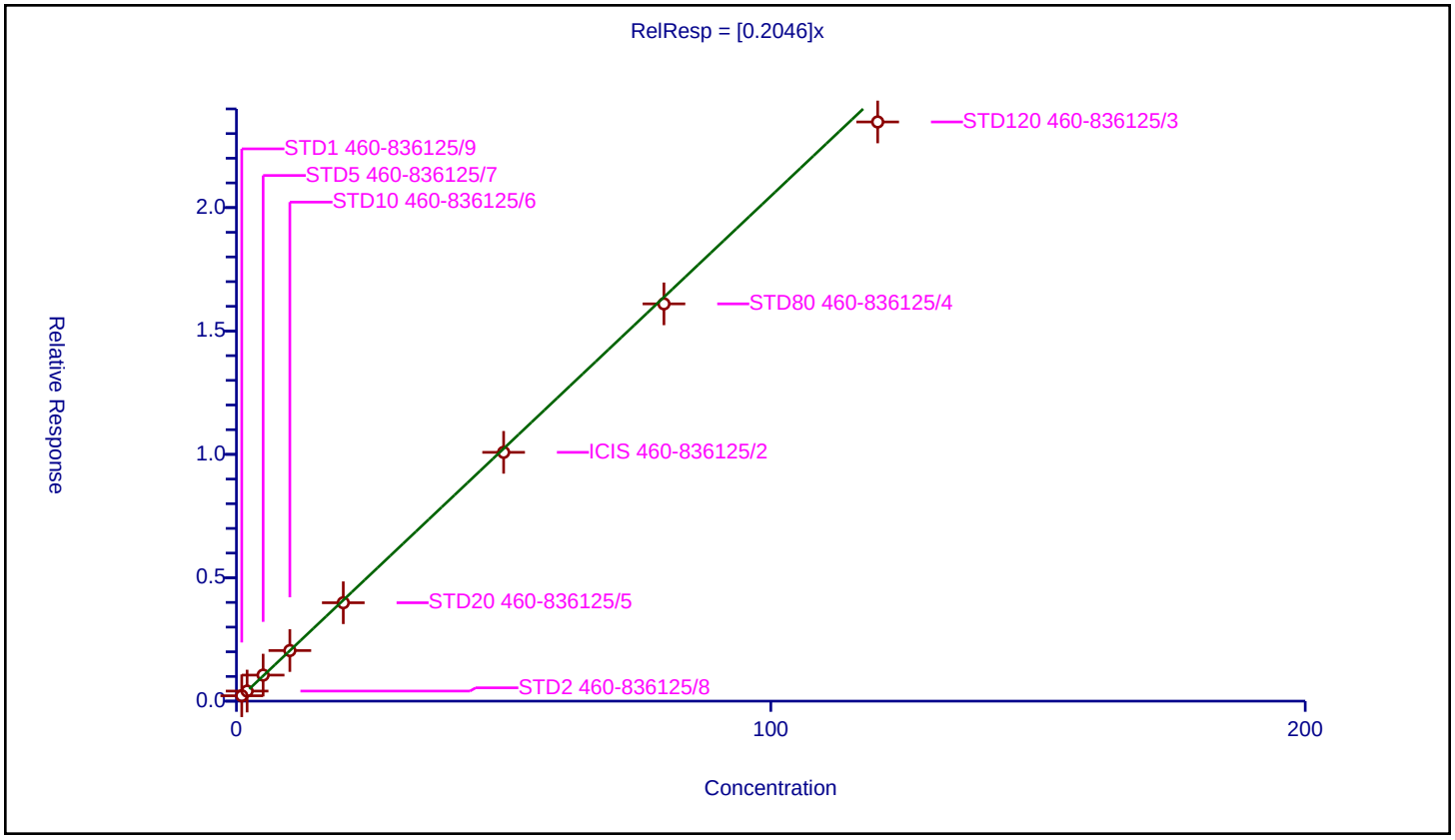
Curve Coefficients

Intercept:	0
Slope:	0.2046

Error Coefficients

Standard Error:	58500
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	1.0	0.219064	40.0	198298.0	0.219064	Y
2	STD2 460-836125/8	2.0	0.408574	40.0	203733.0	0.204287	Y
3	STD5 460-836125/7	5.0	1.054574	40.0	214077.0	0.210915	Y
4	STD10 460-836125/6	10.0	2.05011	40.0	197765.0	0.205011	Y
5	STD20 460-836125/5	20.0	3.987001	40.0	203702.0	0.19935	Y
6	ICIS 460-836125/2	50.0	10.082641	40.0	201594.0	0.201653	Y
7	STD80 460-836125/4	80.0	16.099865	40.0	204116.0	0.201248	Y
8	STD120 460-836125/3	120.0	23.470664	40.0	202261.0	0.195589	Y



Calibration / Caprolactam

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

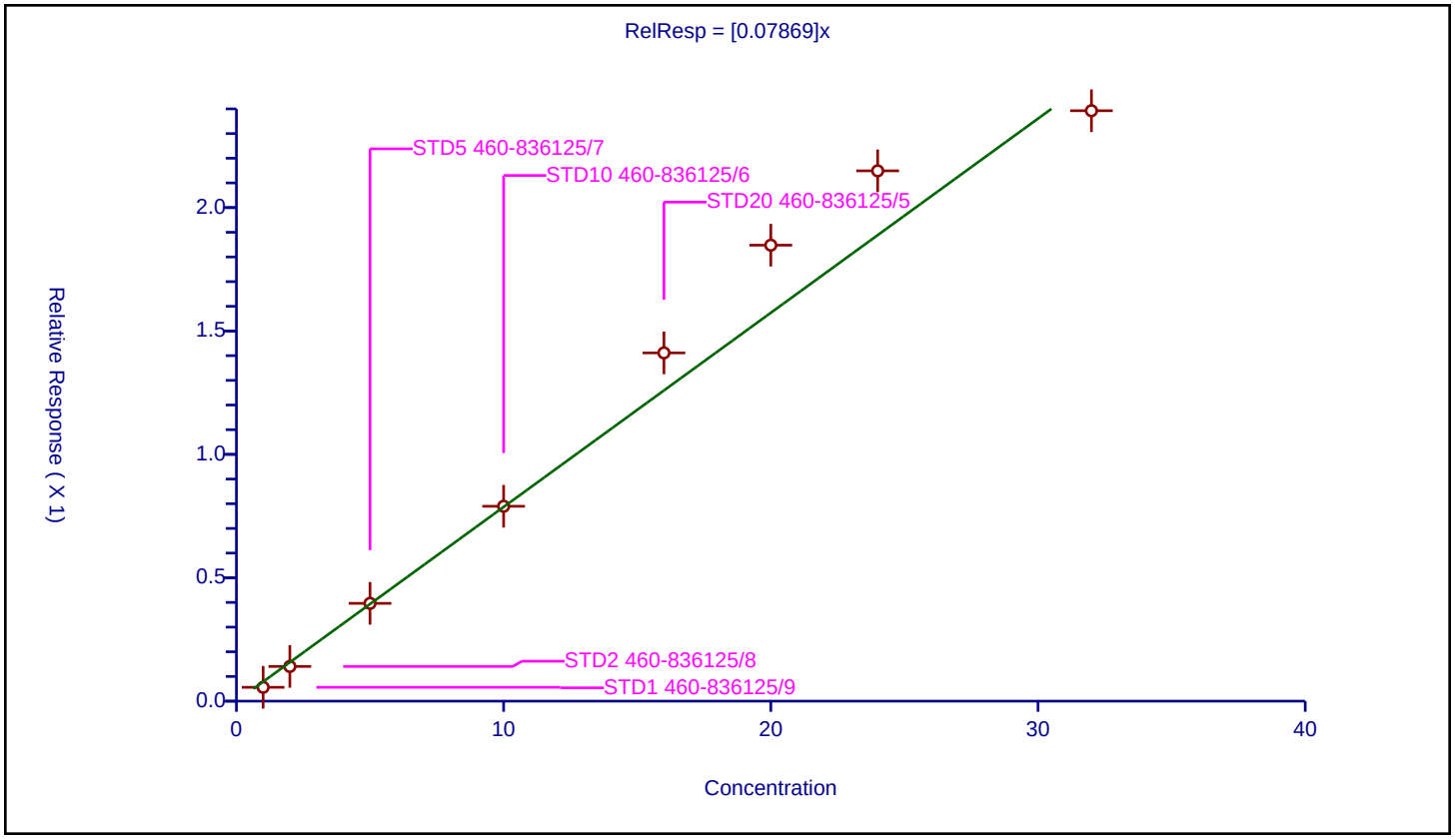
Curve Coefficients

Intercept:	0
Slope:	0.07869

Error Coefficients

Standard Error:	7790
Relative Standard Error:	15.1
Correlation Coefficient:	0.976
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	1.0	0.056077	40.0	198298.0	0.056077	Y
2	STD2 460-836125/8	2.0	0.140576	40.0	203733.0	0.070288	Y
3	STD5 460-836125/7	5.0	0.396306	40.0	214077.0	0.079261	Y
4	STD10 460-836125/6	10.0	0.789624	40.0	197765.0	0.078962	Y
5	STD20 460-836125/5	16.0	1.411277	40.0	203702.0	0.088205	Y
6	ICIS 460-836125/2	20.0	1.847674	40.0	201594.0	0.092384	Y
7	STD80 460-836125/4	24.0	2.148974	40.0	204116.0	0.089541	Y
8	STD120 460-836125/3	32.0	2.392552	40.0	202261.0	0.074767	Y



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

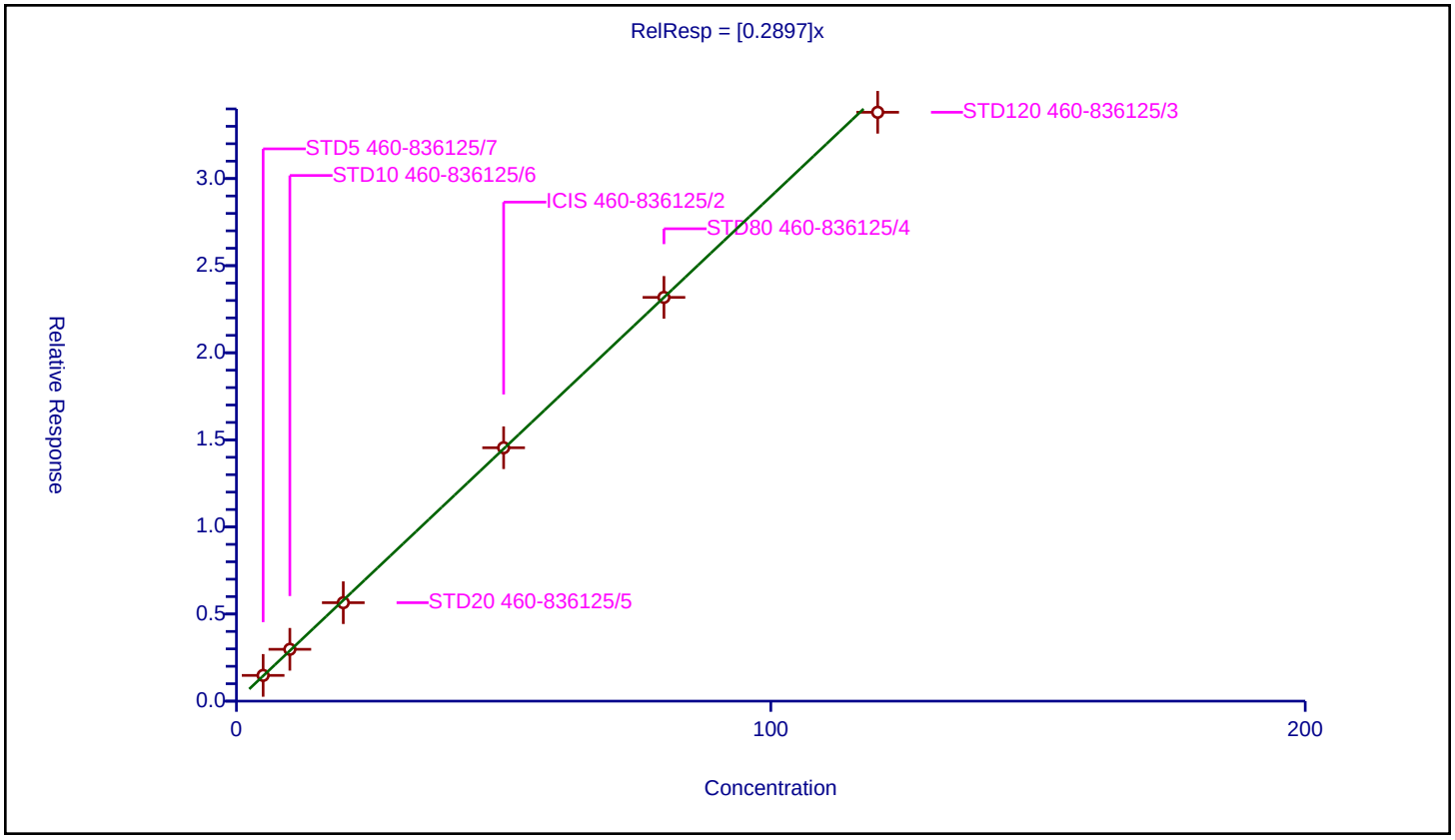
Curve Coefficients

Intercept:	0
Slope:	0.2897

Error Coefficients

Standard Error:	99700
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.477973	40.0	214077.0	0.295595	Y
2	STD10 460-836125/6	10.0	2.976664	40.0	197765.0	0.297666	Y
3	STD20 460-836125/5	20.0	5.651982	40.0	203702.0	0.282599	Y
4	ICIS 460-836125/2	50.0	14.54706	40.0	201594.0	0.290941	Y
5	STD80 460-836125/4	80.0	23.178389	40.0	204116.0	0.28973	Y
6	STD120 460-836125/3	120.0	33.80543	40.0	202261.0	0.281712	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

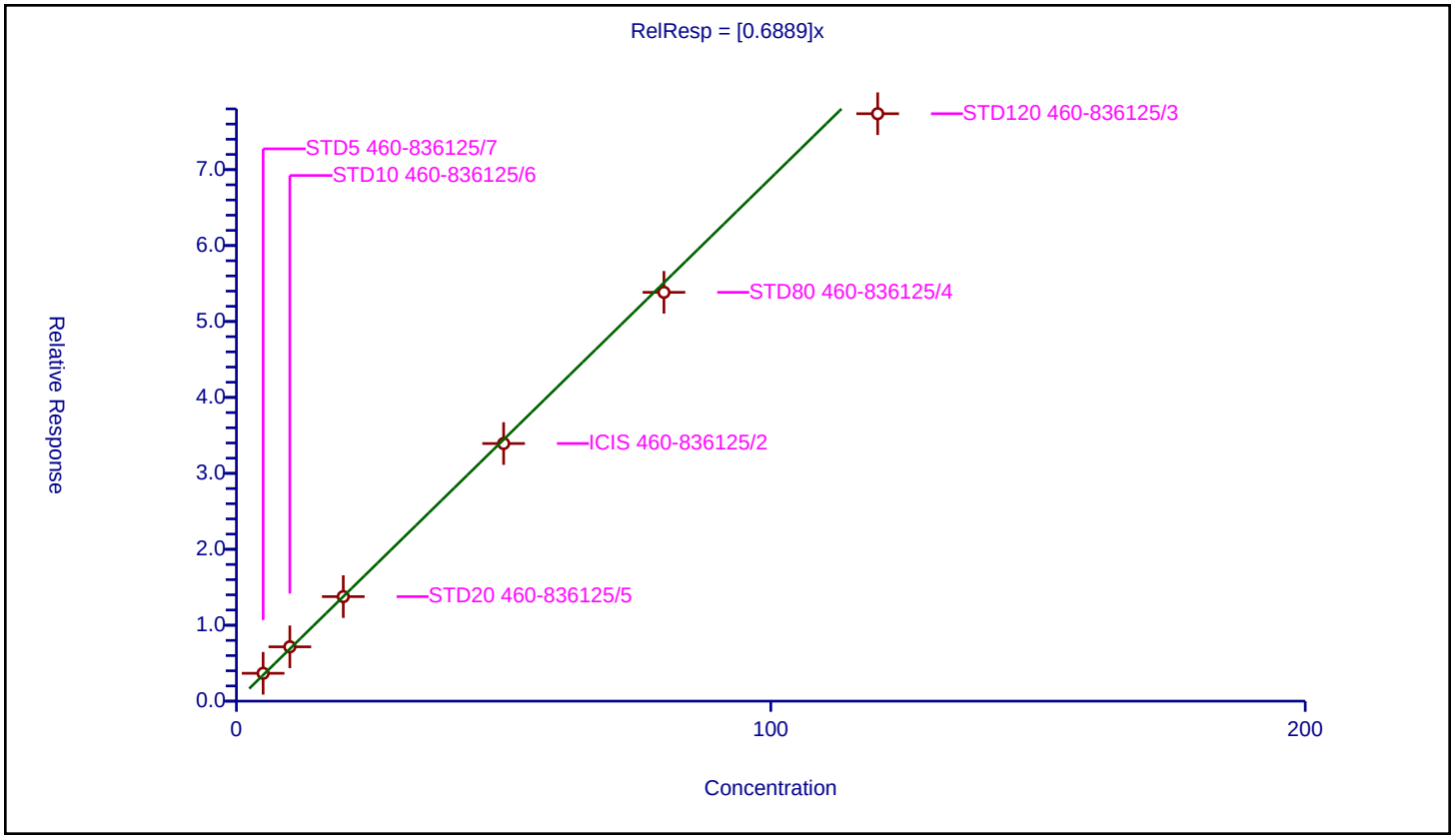
Curve Coefficients

Intercept:	0
Slope:	0.6889

Error Coefficients

Standard Error:	230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.667092	40.0	214077.0	0.733418	Y
2	STD10 460-836125/6	10.0	7.153541	40.0	197765.0	0.715354	Y
3	STD20 460-836125/5	20.0	13.765206	40.0	203702.0	0.68826	Y
4	ICIS 460-836125/2	50.0	33.929383	40.0	201594.0	0.678588	Y
5	STD80 460-836125/4	80.0	53.841149	40.0	204116.0	0.673014	Y
6	STD120 460-836125/3	120.0	77.366571	40.0	202261.0	0.644721	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

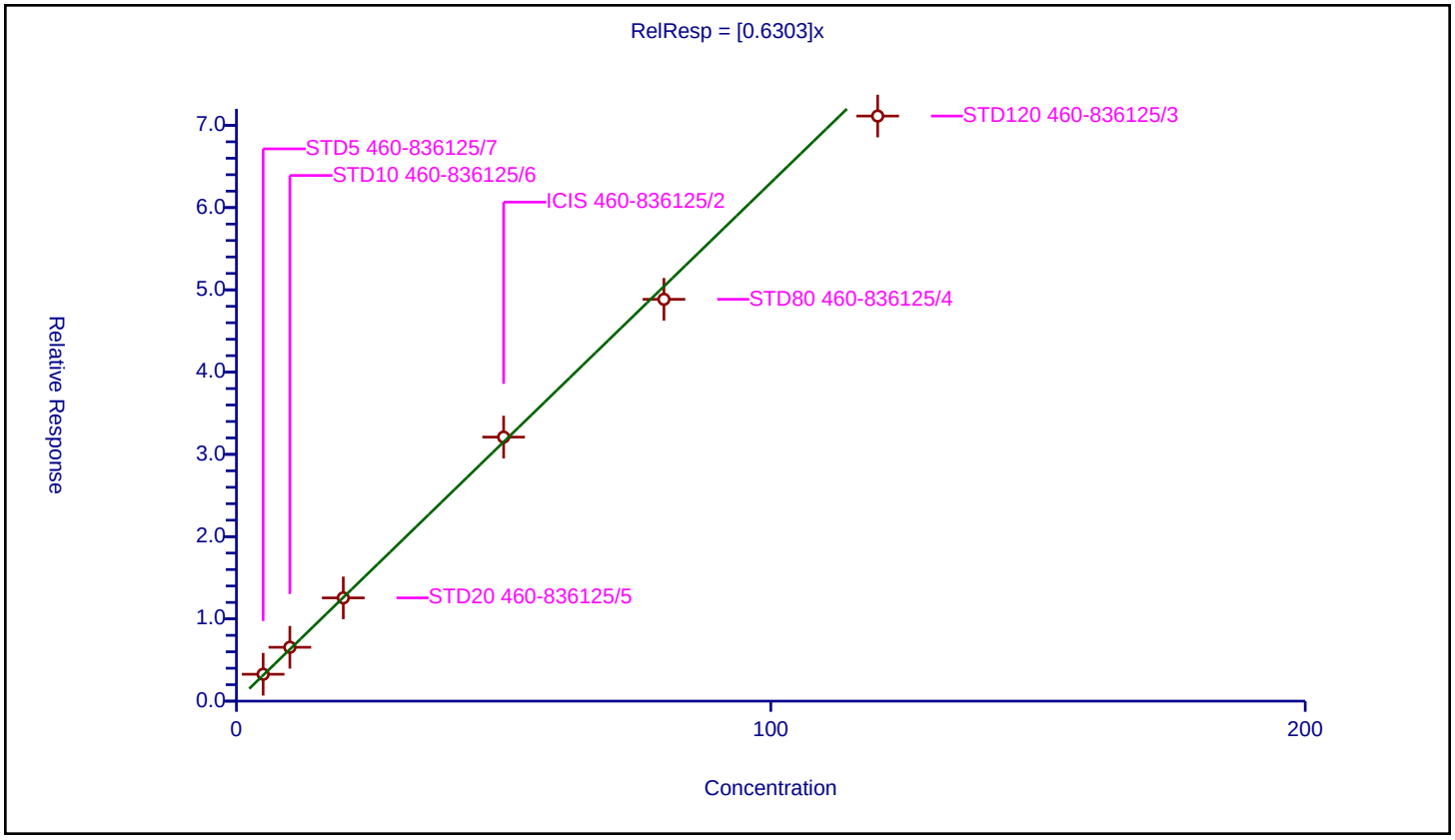
Curve Coefficients

Intercept:	0
Slope:	0.6303

Error Coefficients

Standard Error:	211000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.26817	40.0	214077.0	0.653634	Y
2	STD10 460-836125/6	10.0	6.548378	40.0	197765.0	0.654838	Y
3	STD20 460-836125/5	20.0	12.55324	40.0	203702.0	0.627662	Y
4	ICIS 460-836125/2	50.0	32.100162	40.0	201594.0	0.642003	Y
5	STD80 460-836125/4	80.0	48.852809	40.0	204116.0	0.61066	Y
6	STD120 460-836125/3	120.0	71.132052	40.0	202261.0	0.592767	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

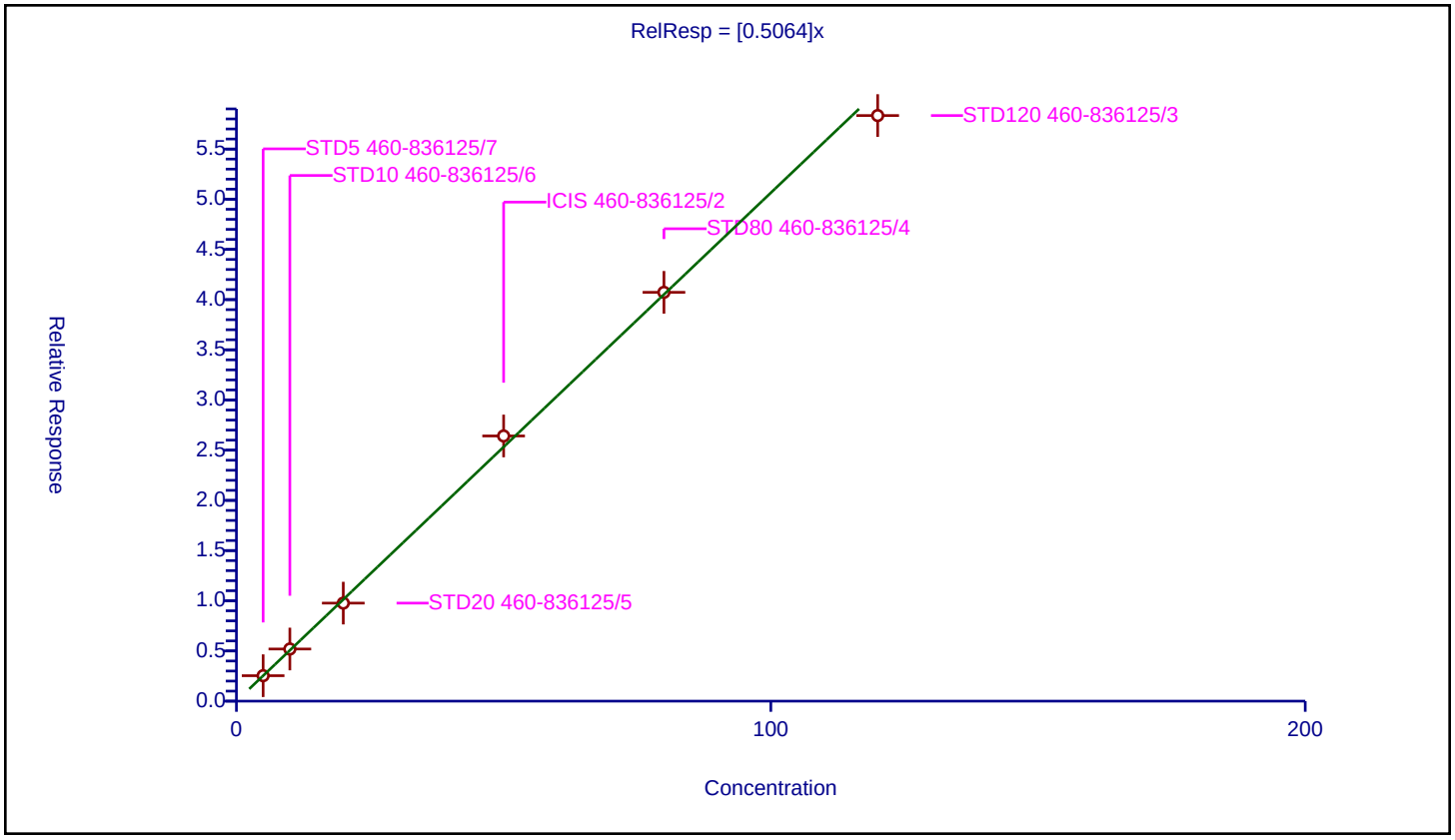
Curve Coefficients

Intercept:	0
Slope:	0.5064

Error Coefficients

Standard Error:	94900
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.536452	40.0	119884.0	0.50729	Y
2	STD10 460-836125/6	10.0	5.192653	40.0	107421.0	0.519265	Y
3	STD20 460-836125/5	20.0	9.765692	40.0	111349.0	0.488285	Y
4	ICIS 460-836125/2	50.0	26.416534	40.0	103785.0	0.528331	Y
5	STD80 460-836125/4	80.0	40.726775	40.0	111121.0	0.509085	Y
6	STD120 460-836125/3	120.0	58.336407	40.0	111686.0	0.486137	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

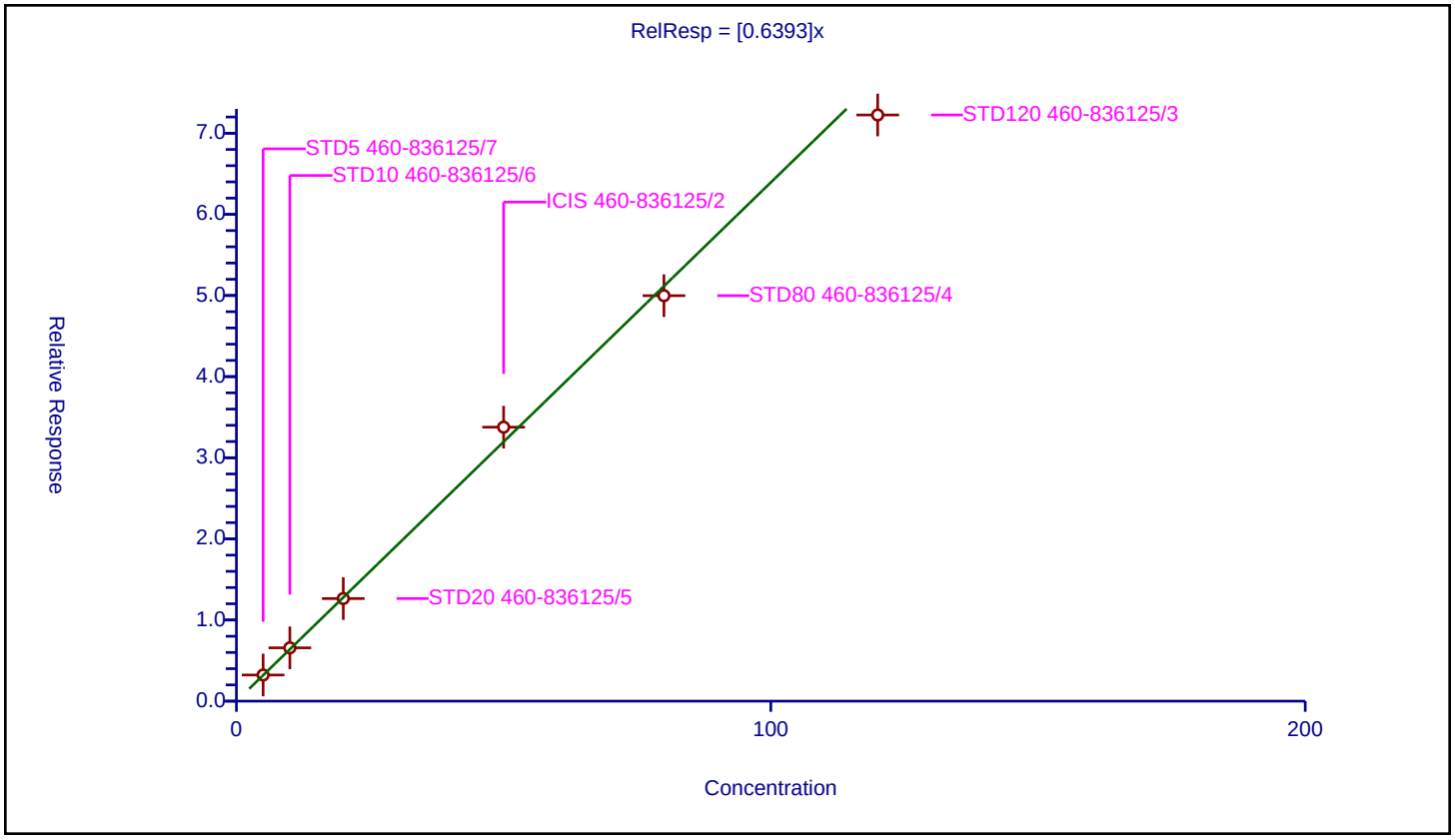
Curve Coefficients

Intercept:	0
Slope:	0.6393

Error Coefficients

Standard Error:	118000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.222448	40.0	119884.0	0.64449	Y
2	STD10 460-836125/6	10.0	6.571155	40.0	107421.0	0.657115	Y
3	STD20 460-836125/5	20.0	12.644927	40.0	111349.0	0.632246	Y
4	ICIS 460-836125/2	50.0	33.770198	40.0	103785.0	0.675404	Y
5	STD80 460-836125/4	80.0	49.976512	40.0	111121.0	0.624706	Y
6	STD120 460-836125/3	120.0	72.247551	40.0	111686.0	0.602063	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

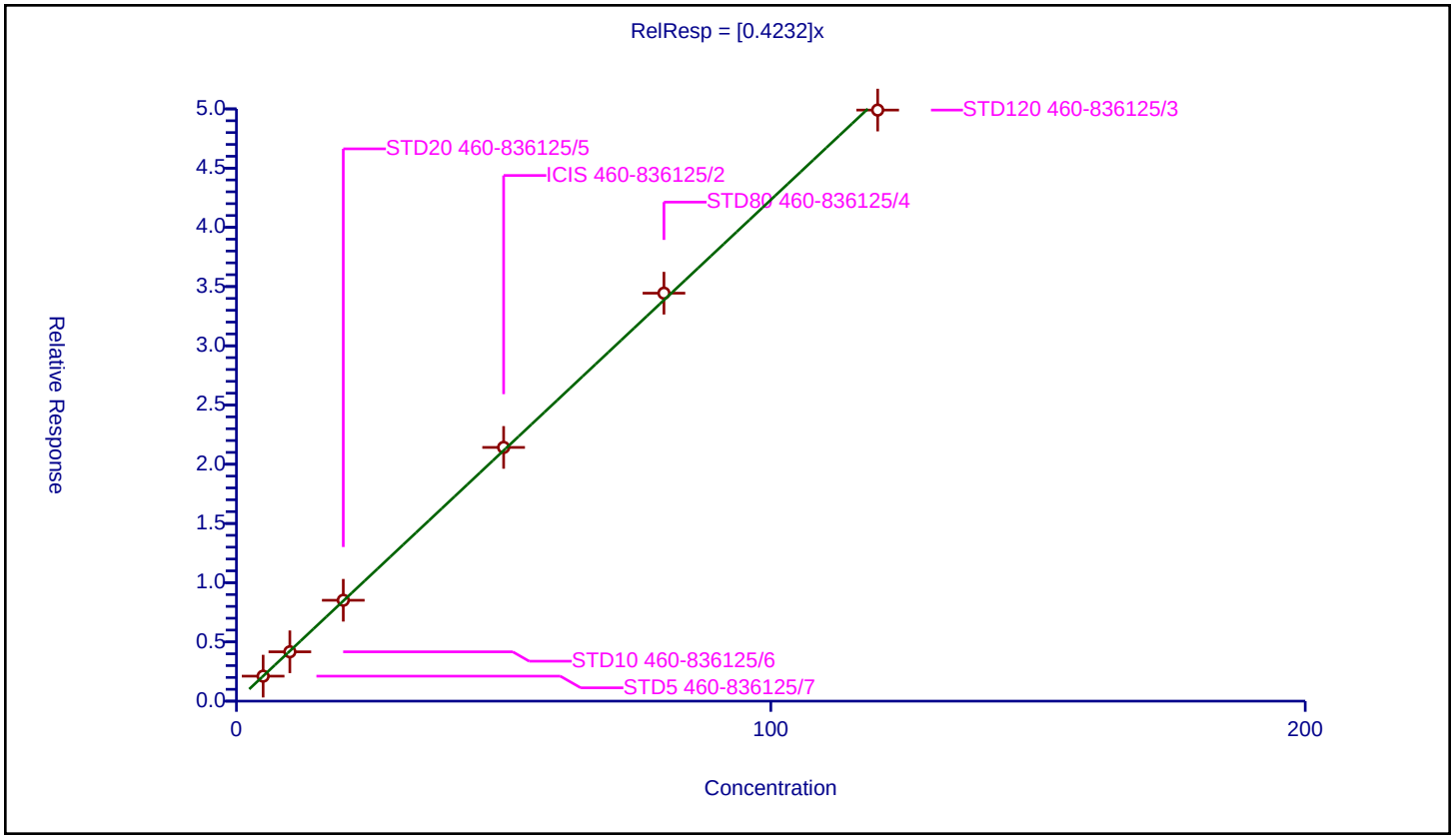
Curve Coefficients

Intercept:	0
Slope:	0.4232

Error Coefficients

Standard Error:	147000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.110456	40.0	214077.0	0.422091	Y
2	STD10 460-836125/6	10.0	4.165752	40.0	197765.0	0.416575	Y
3	STD20 460-836125/5	20.0	8.516362	40.0	203702.0	0.425818	Y
4	ICIS 460-836125/2	50.0	21.421074	40.0	201594.0	0.428421	Y
5	STD80 460-836125/4	80.0	34.442768	40.0	204116.0	0.430535	Y
6	STD120 460-836125/3	120.0	49.901068	40.0	202261.0	0.415842	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

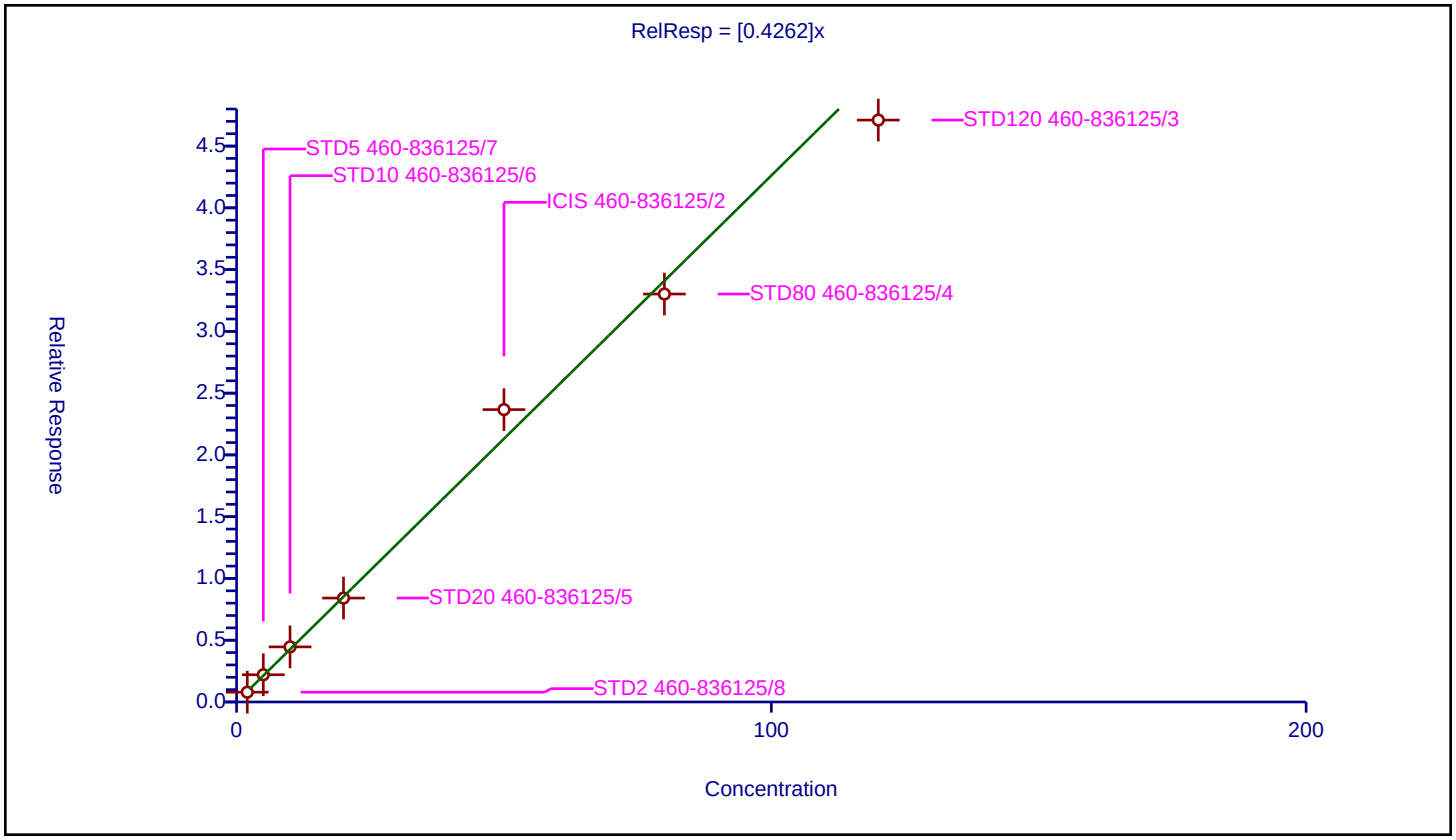
Curve Coefficients

Intercept:	0
Slope:	0.4262

Error Coefficients

Standard Error:	71000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836125/8	2.0	0.793394	40.0	111773.0	0.396697	Y
2	STD5 460-836125/7	5.0	2.204464	40.0	119884.0	0.440893	Y
3	STD10 460-836125/6	10.0	4.461697	40.0	107421.0	0.44617	Y
4	STD20 460-836125/5	20.0	8.413906	40.0	111349.0	0.420695	Y
5	ICIS 460-836125/2	50.0	23.667775	40.0	103785.0	0.473355	Y
6	STD80 460-836125/4	80.0	33.023101	40.0	111121.0	0.412789	Y
7	STD120 460-836125/3	120.0	47.104919	40.0	111686.0	0.392541	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

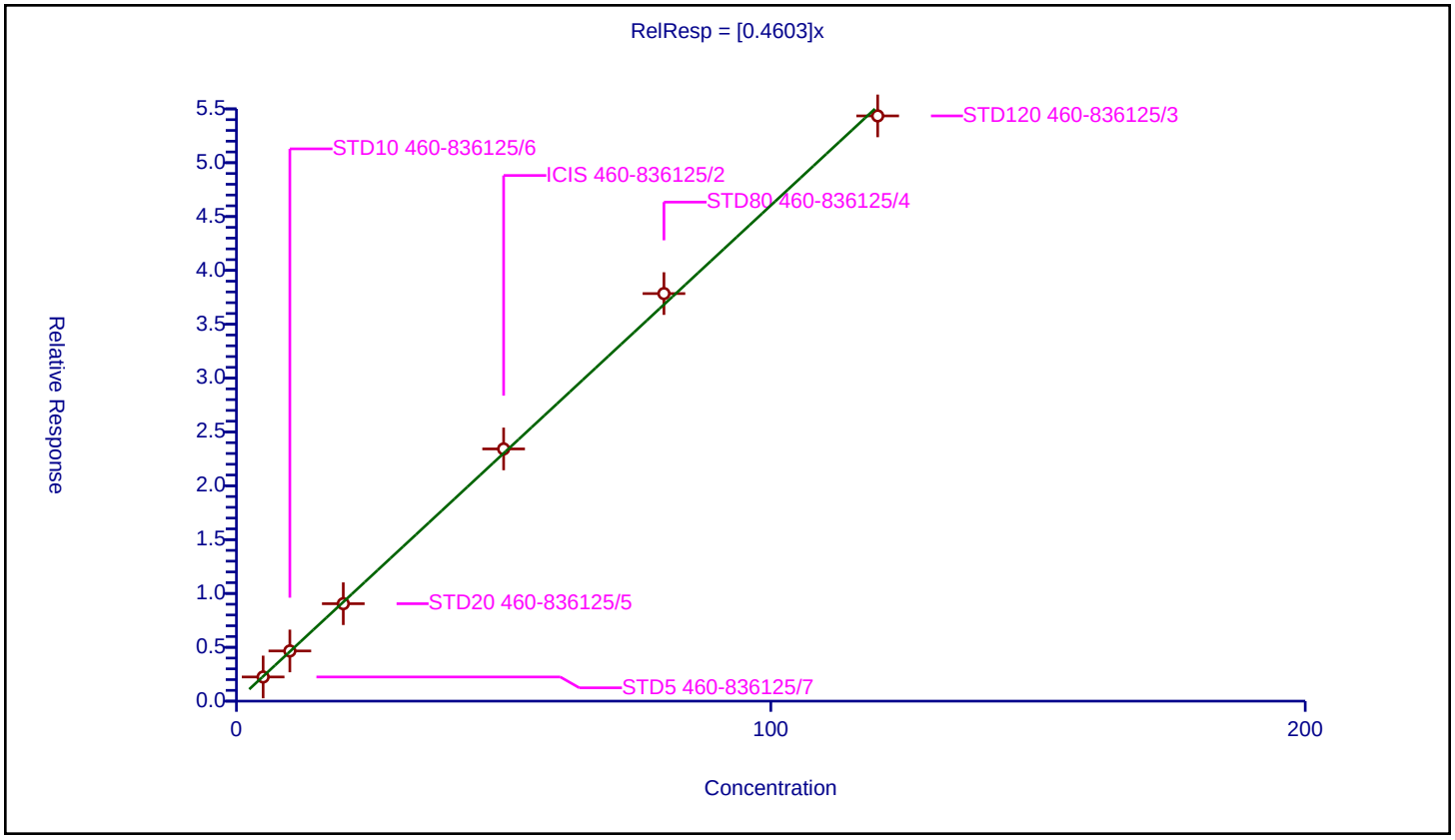
Curve Coefficients

Intercept:	0
Slope:	0.4603

Error Coefficients

Standard Error:	87800
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.245504	40.0	119884.0	0.449101	Y
2	STD10 460-836125/6	10.0	4.660169	40.0	107421.0	0.466017	Y
3	STD20 460-836125/5	20.0	9.048667	40.0	111349.0	0.452433	Y
4	ICIS 460-836125/2	50.0	23.421882	40.0	103785.0	0.468438	Y
5	STD80 460-836125/4	80.0	37.849911	40.0	111121.0	0.473124	Y
6	STD120 460-836125/3	120.0	54.349157	40.0	111686.0	0.45291	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

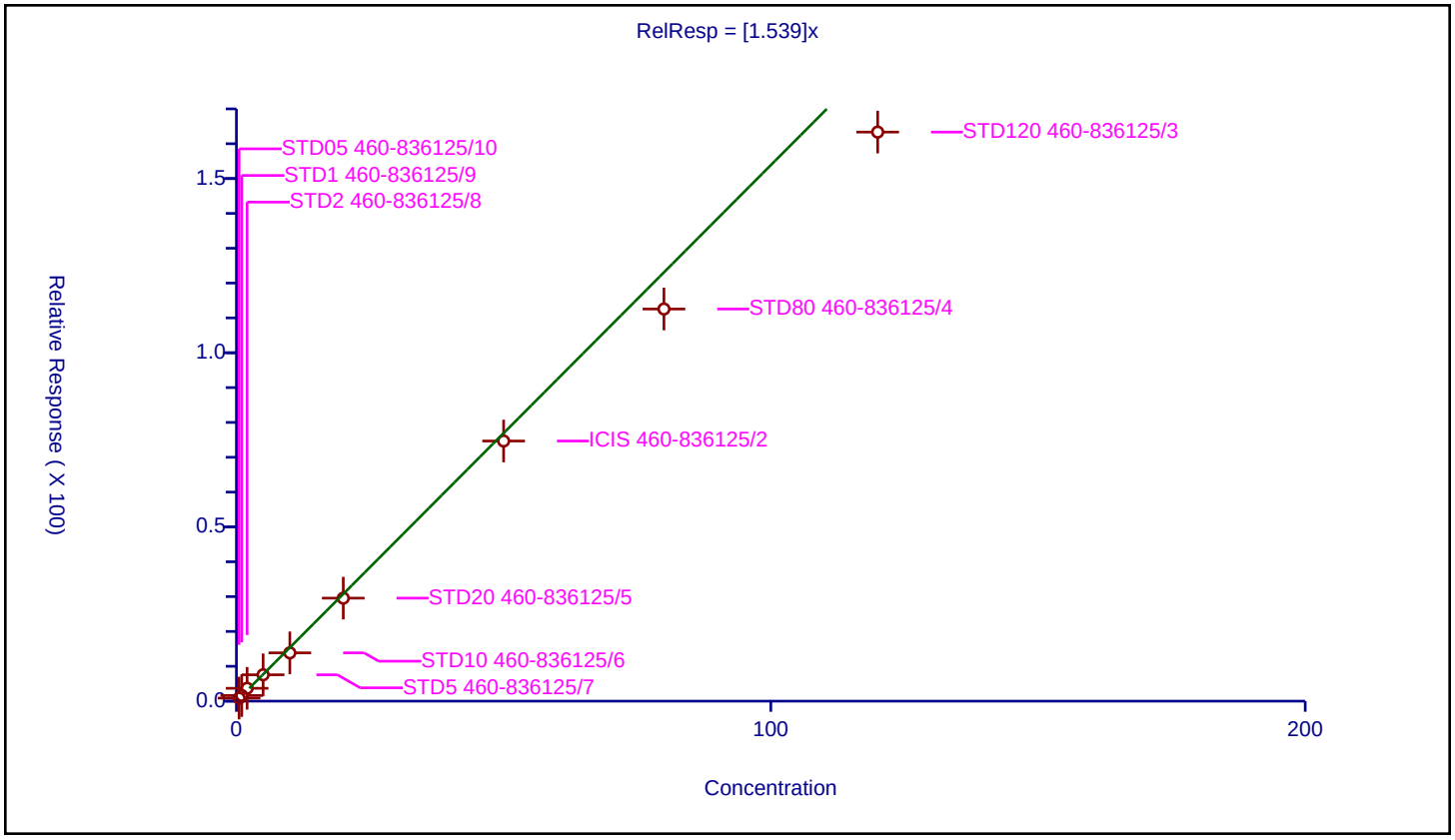
Curve Coefficients

Intercept:	0
Slope:	1.539

Error Coefficients

Standard Error:	210000
Relative Standard Error:	10.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.874692	40.0	112954.0	1.749385	Y
2	STD1 460-836125/9	1.0	1.613753	40.0	110872.0	1.613753	Y
3	STD2 460-836125/8	2.0	3.689621	40.0	111773.0	1.84481	Y
4	STD5 460-836125/7	5.0	7.562978	40.0	119884.0	1.512596	Y
5	STD10 460-836125/6	10.0	13.862839	40.0	107421.0	1.386284	Y
6	STD20 460-836125/5	20.0	29.567576	40.0	111349.0	1.478379	Y
7	ICIS 460-836125/2	50.0	74.667052	40.0	103785.0	1.493341	Y
8	STD80 460-836125/4	80.0	112.556222	40.0	111121.0	1.406953	Y
9	STD120 460-836125/3	120.0	163.342227	40.0	111686.0	1.361185	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

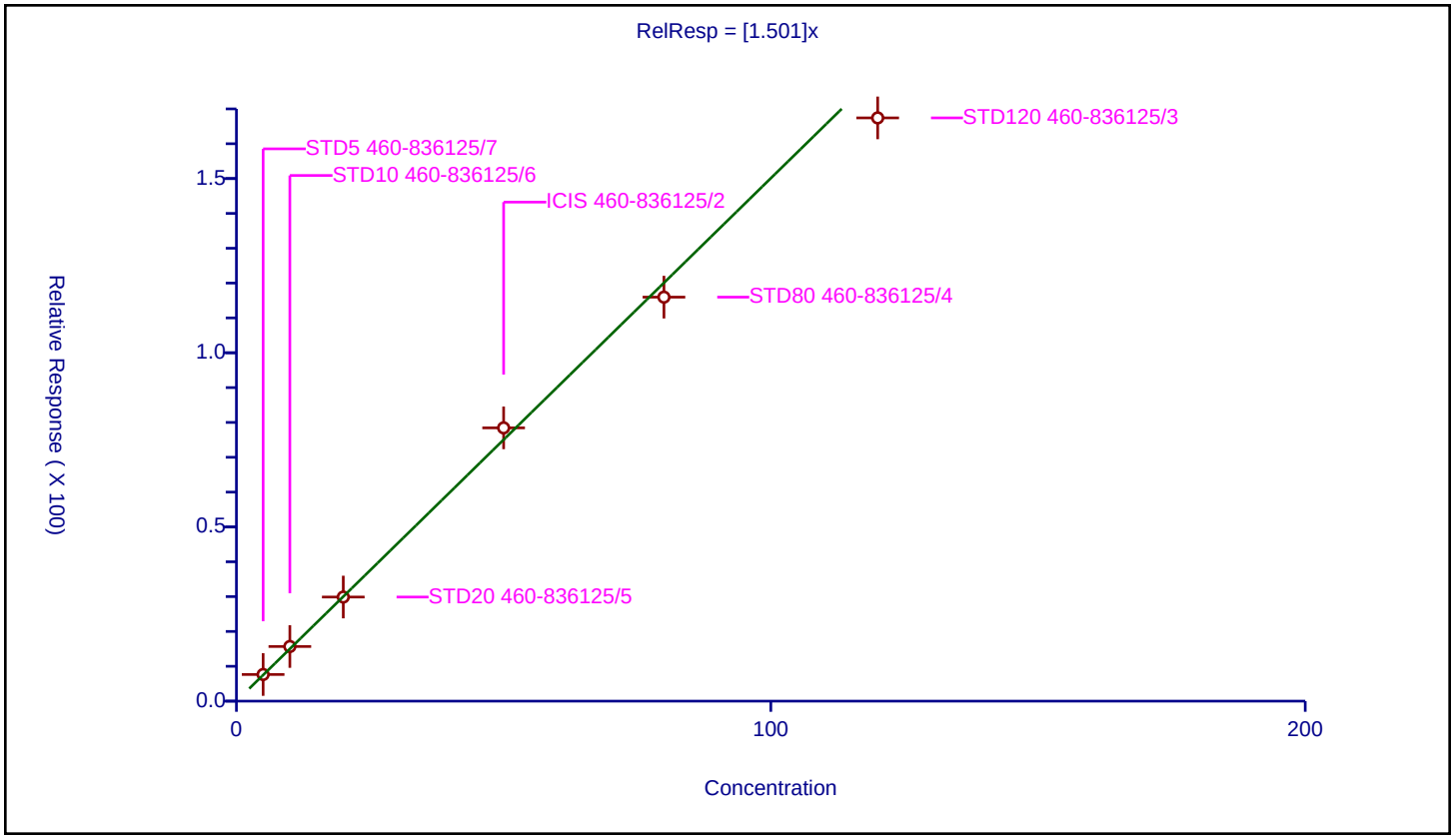
Curve Coefficients

Intercept:	0
Slope:	1.501

Error Coefficients

Standard Error:	273000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	7.649061	40.0	119884.0	1.529812	Y
2	STD10 460-836125/6	10.0	15.682595	40.0	107421.0	1.568259	Y
3	STD20 460-836125/5	20.0	29.87867	40.0	111349.0	1.493933	Y
4	ICIS 460-836125/2	50.0	78.439081	40.0	103785.0	1.568782	Y
5	STD80 460-836125/4	80.0	115.961879	40.0	111121.0	1.449523	Y
6	STD120 460-836125/3	120.0	167.414	40.0	111686.0	1.395117	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

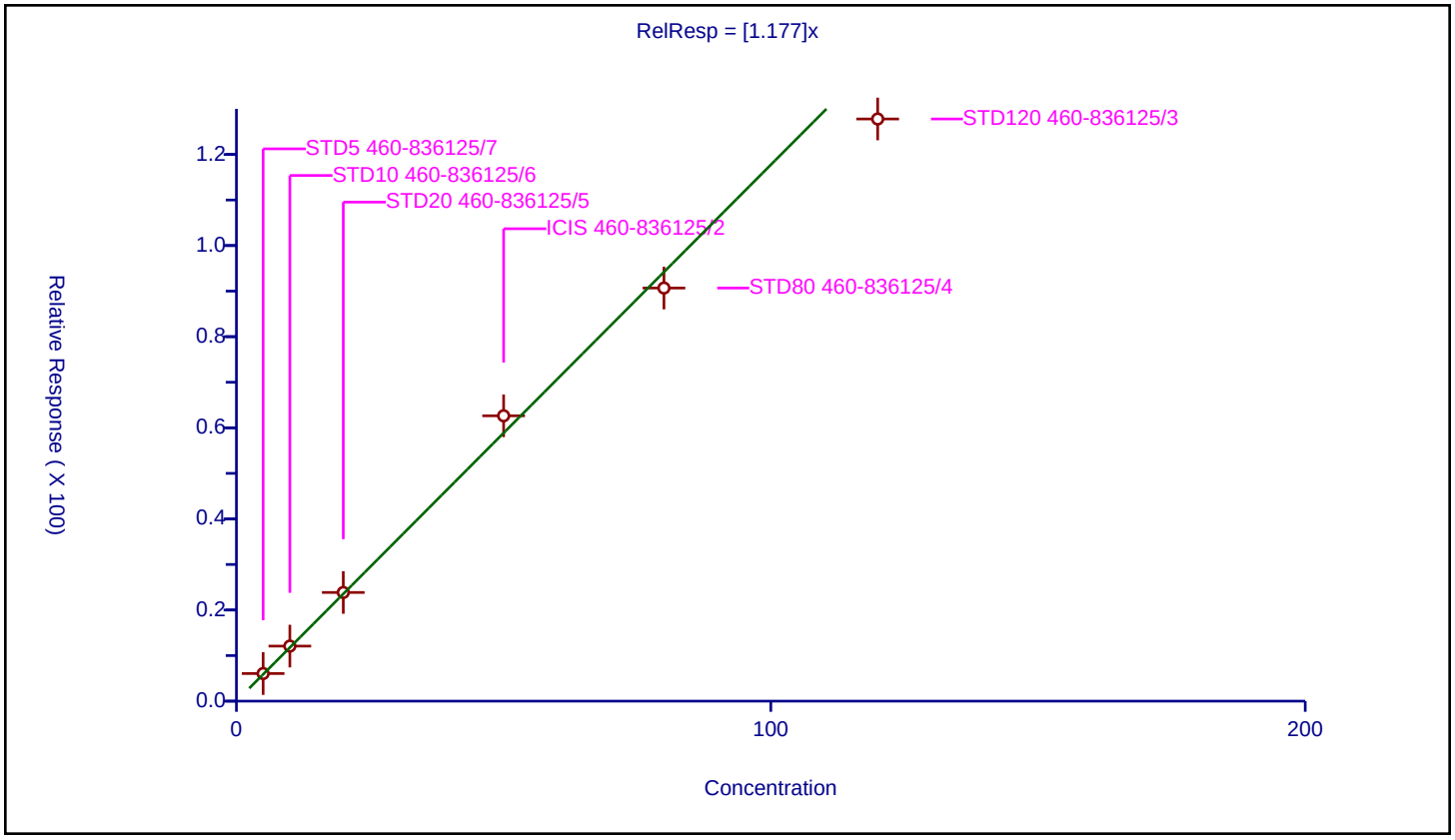
Curve Coefficients

Intercept:	0
Slope:	1.177

Error Coefficients

Standard Error:	211000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.059858	40.0	119884.0	1.211972	Y
2	STD10 460-836125/6	10.0	12.083671	40.0	107421.0	1.208367	Y
3	STD20 460-836125/5	20.0	23.85329	40.0	111349.0	1.192665	Y
4	ICIS 460-836125/2	50.0	62.634099	40.0	103785.0	1.252682	Y
5	STD80 460-836125/4	80.0	90.67917	40.0	111121.0	1.13349	Y
6	STD120 460-836125/3	120.0	127.78504	40.0	111686.0	1.064875	Y



Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

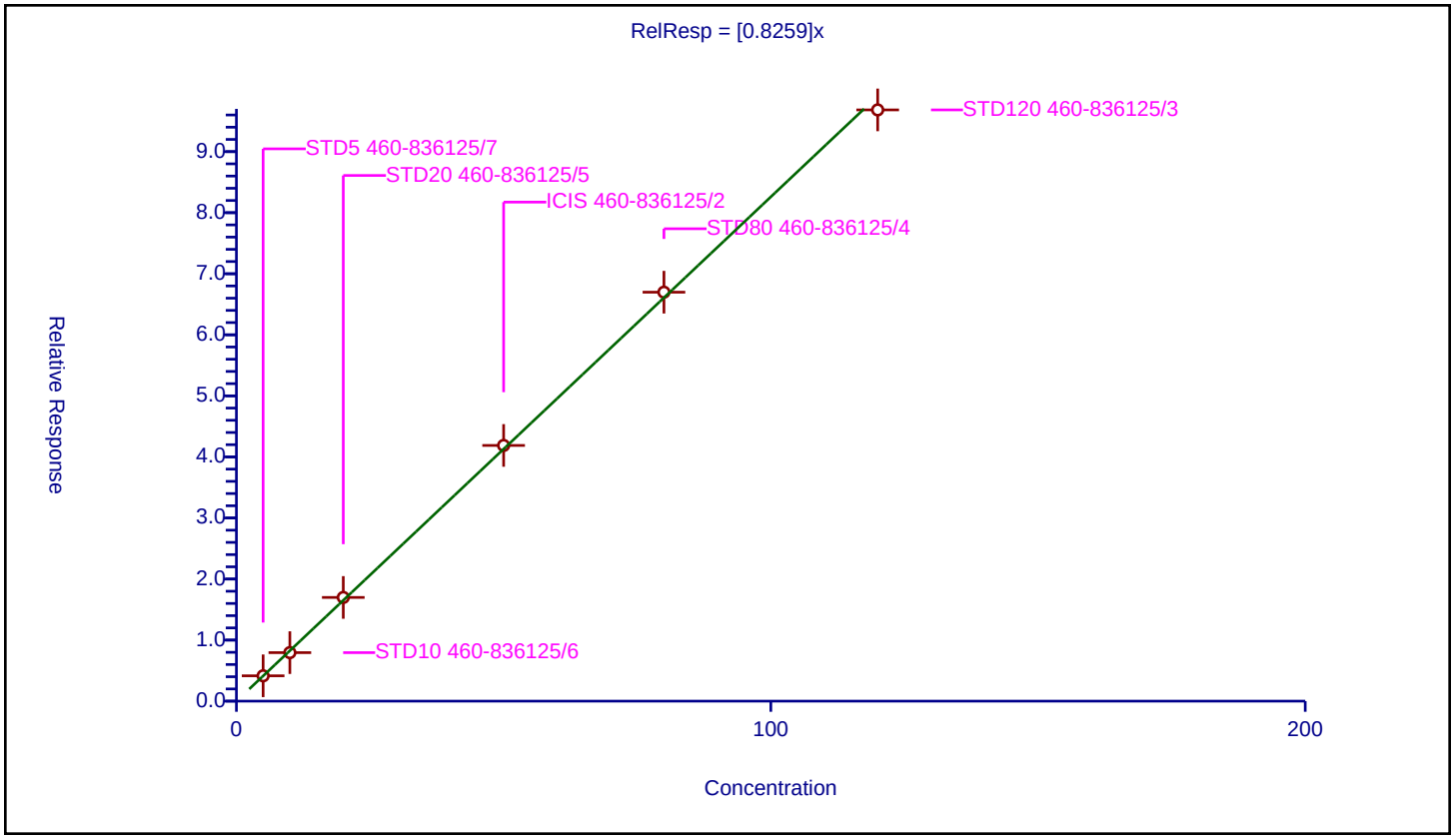
Curve Coefficients

Intercept:	0
Slope:	0.8259

Error Coefficients

Standard Error:	156000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	4.149344	40.0	119884.0	0.829869	Y
2	STD10 460-836125/6	10.0	7.945932	40.0	107421.0	0.794593	Y
3	STD20 460-836125/5	20.0	16.983718	40.0	111349.0	0.849186	Y
4	ICIS 460-836125/2	50.0	41.877343	40.0	103785.0	0.837547	Y
5	STD80 460-836125/4	80.0	66.979959	40.0	111121.0	0.837249	Y
6	STD120 460-836125/3	120.0	96.833265	40.0	111686.0	0.806944	Y



Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

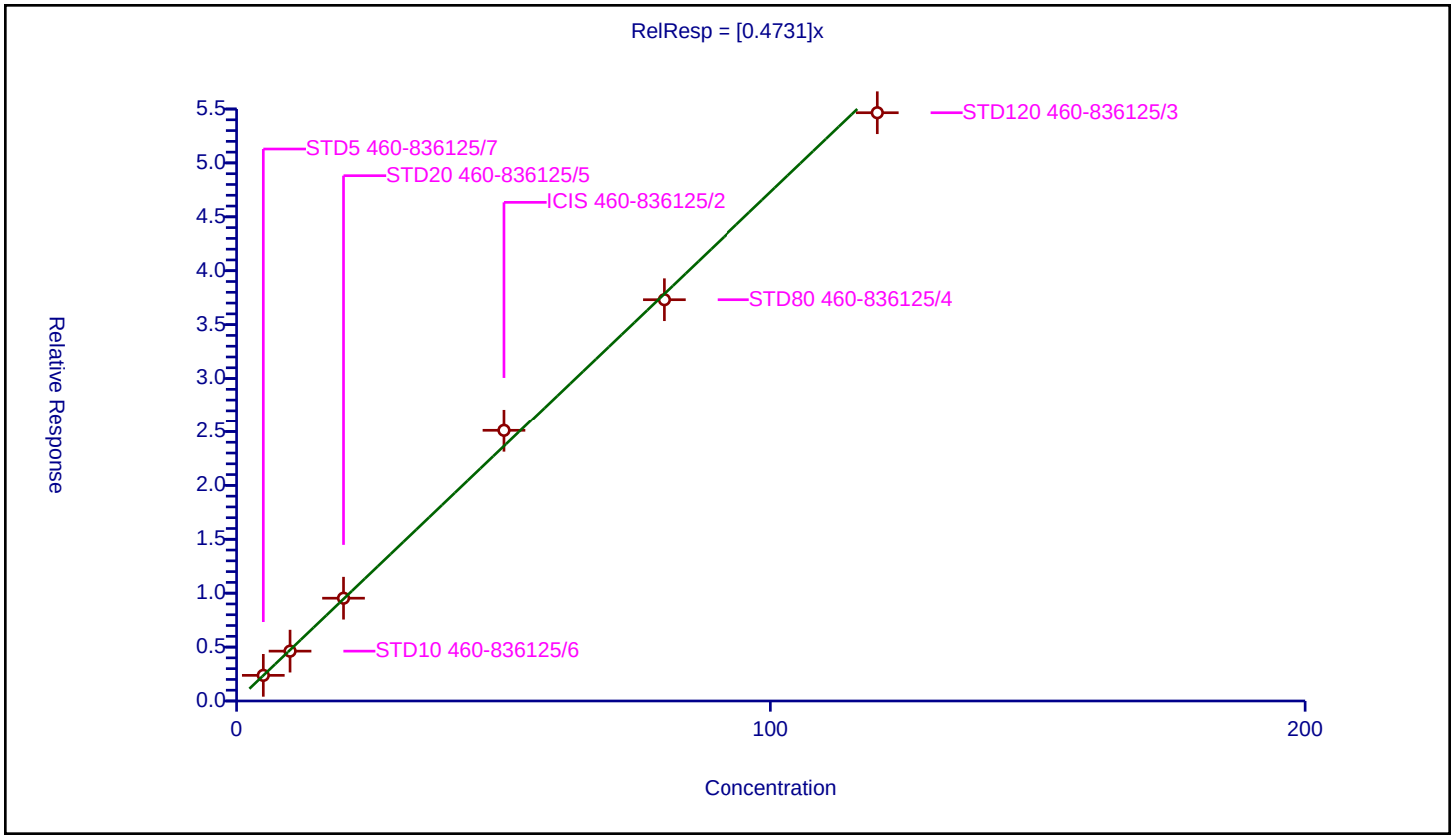
Curve Coefficients

Intercept:	0
Slope:	0.4731

Error Coefficients

Standard Error:	88500
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.376964	40.0	119884.0	0.475393	Y
2	STD10 460-836125/6	10.0	4.624794	40.0	107421.0	0.462479	Y
3	STD20 460-836125/5	20.0	9.533988	40.0	111349.0	0.476699	Y
4	ICIS 460-836125/2	50.0	25.10806	40.0	103785.0	0.502161	Y
5	STD80 460-836125/4	80.0	37.312119	40.0	111121.0	0.466401	Y
6	STD120 460-836125/3	120.0	54.657164	40.0	111686.0	0.455476	Y



Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

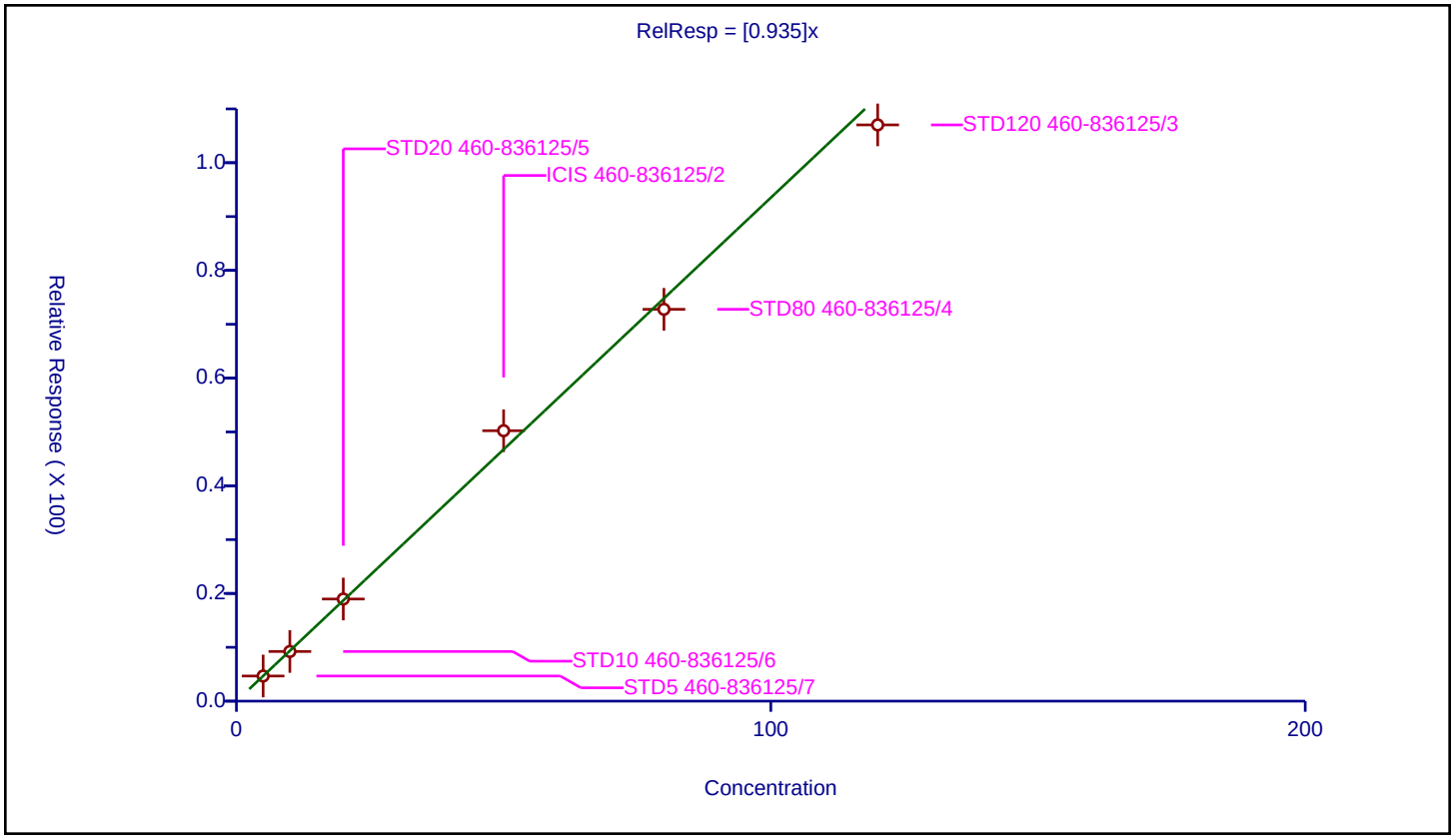
Curve Coefficients

Intercept:	0
Slope:	0.935

Error Coefficients

Standard Error:	174000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	4.667178	40.0	119884.0	0.933436	Y
2	STD10 460-836125/6	10.0	9.22315	40.0	107421.0	0.922315	Y
3	STD20 460-836125/5	20.0	18.968109	40.0	111349.0	0.948405	Y
4	ICIS 460-836125/2	50.0	50.225755	40.0	103785.0	1.004515	Y
5	STD80 460-836125/4	80.0	72.772923	40.0	111121.0	0.909662	Y
6	STD120 460-836125/3	120.0	107.025052	40.0	111686.0	0.891875	Y



Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

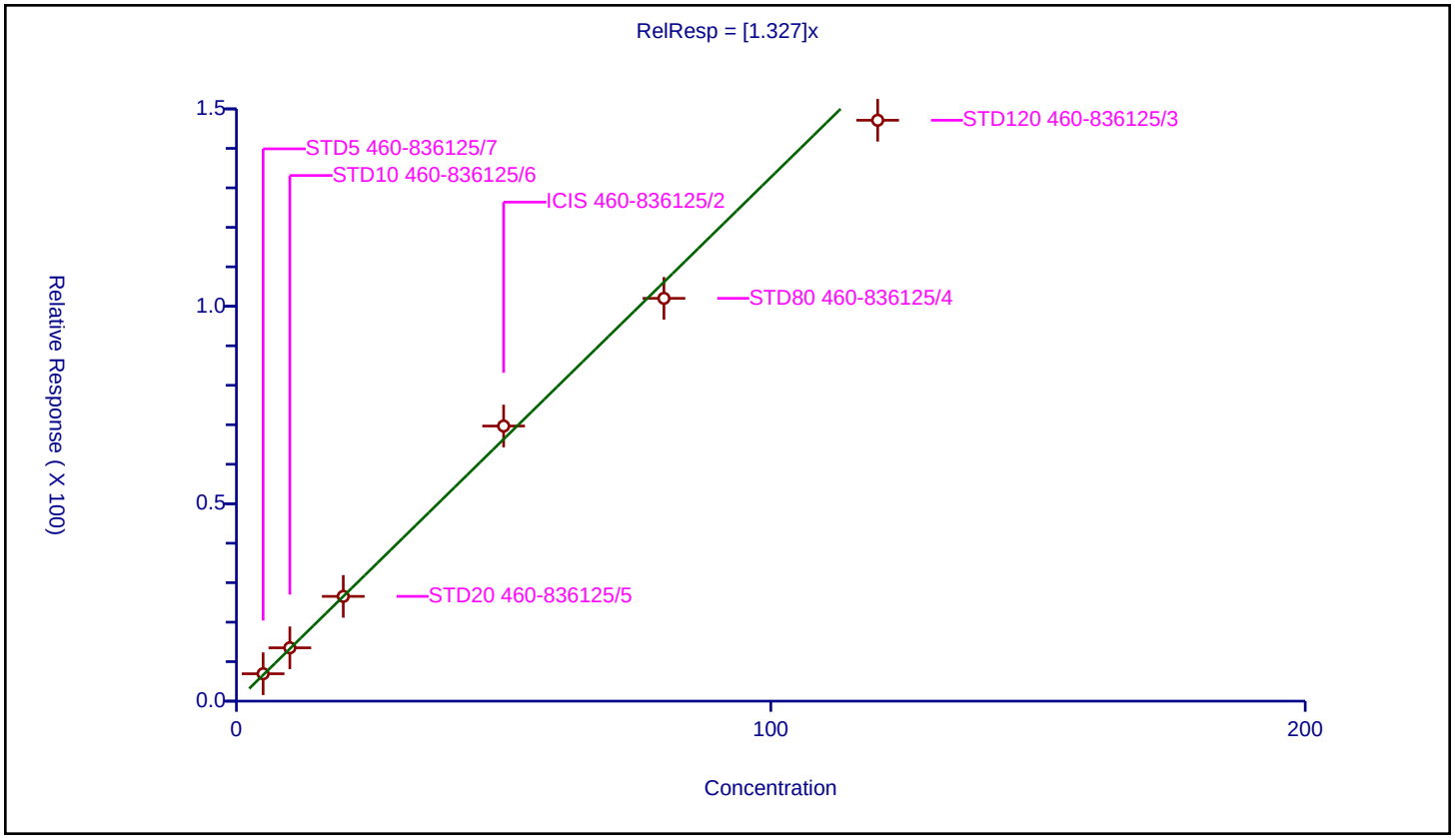
Curve Coefficients

Intercept:	0
Slope:	1.327

Error Coefficients

Standard Error:	240000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.938374	40.0	119884.0	1.387675	Y
2	STD10 460-836125/6	10.0	13.510952	40.0	107421.0	1.351095	Y
3	STD20 460-836125/5	20.0	26.532434	40.0	111349.0	1.326622	Y
4	ICIS 460-836125/2	50.0	69.678277	40.0	103785.0	1.393566	Y
5	STD80 460-836125/4	80.0	102.01888	40.0	111121.0	1.275236	Y
6	STD120 460-836125/3	120.0	147.119245	40.0	111686.0	1.225994	Y



Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

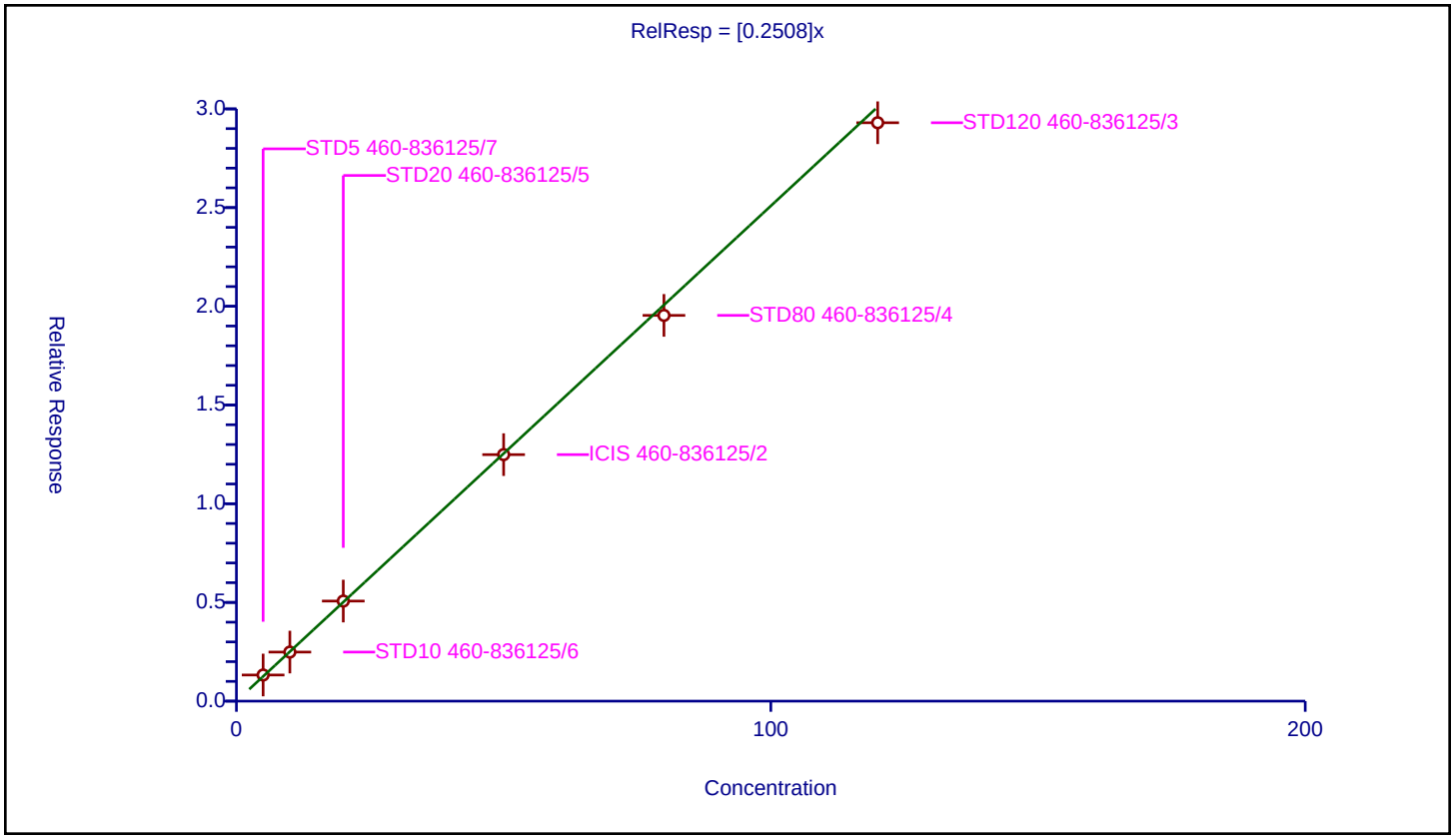
Curve Coefficients

Intercept:	0
Slope:	0.2508

Error Coefficients

Standard Error:	85700
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.323823	40.0	214077.0	0.264765	Y
2	STD10 460-836125/6	10.0	2.486385	40.0	197765.0	0.248639	Y
3	STD20 460-836125/5	20.0	5.069759	40.0	203702.0	0.253488	Y
4	ICIS 460-836125/2	50.0	12.487078	40.0	201594.0	0.249742	Y
5	STD80 460-836125/4	80.0	19.539869	40.0	204116.0	0.244248	Y
6	STD120 460-836125/3	120.0	29.29858	40.0	202261.0	0.244155	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

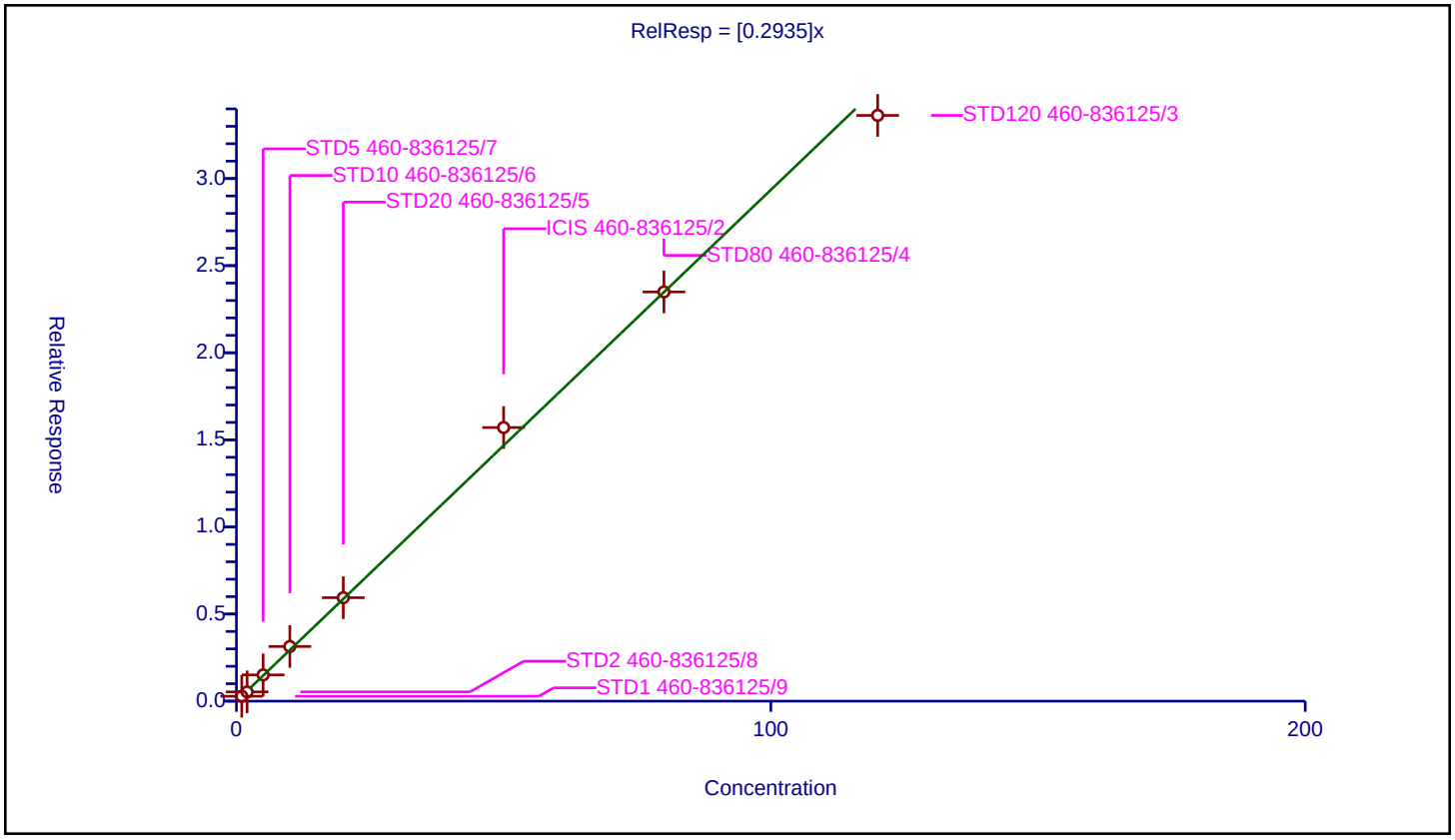
Curve Coefficients

Intercept:	0
Slope:	0.2935

Error Coefficients

Standard Error:	46400
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	STD1 460-836125/9	1.0	0.282488	40.0	110872.0	0.282488	Y
2	STD2 460-836125/8	2.0	0.530719	40.0	111773.0	0.265359	Y
3	STD5 460-836125/7	5.0	1.50679	40.0	119884.0	0.301358	Y
4	STD10 460-836125/6	10.0	3.137562	40.0	107421.0	0.313756	Y
5	STD20 460-836125/5	20.0	5.938805	40.0	111349.0	0.29694	Y
6	ICIS 460-836125/2	50.0	15.706701	40.0	103785.0	0.314134	Y
7	STD80 460-836125/4	80.0	23.492229	40.0	111121.0	0.293653	Y
8	STD120 460-836125/3	120.0	33.624984	40.0	111686.0	0.280208	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

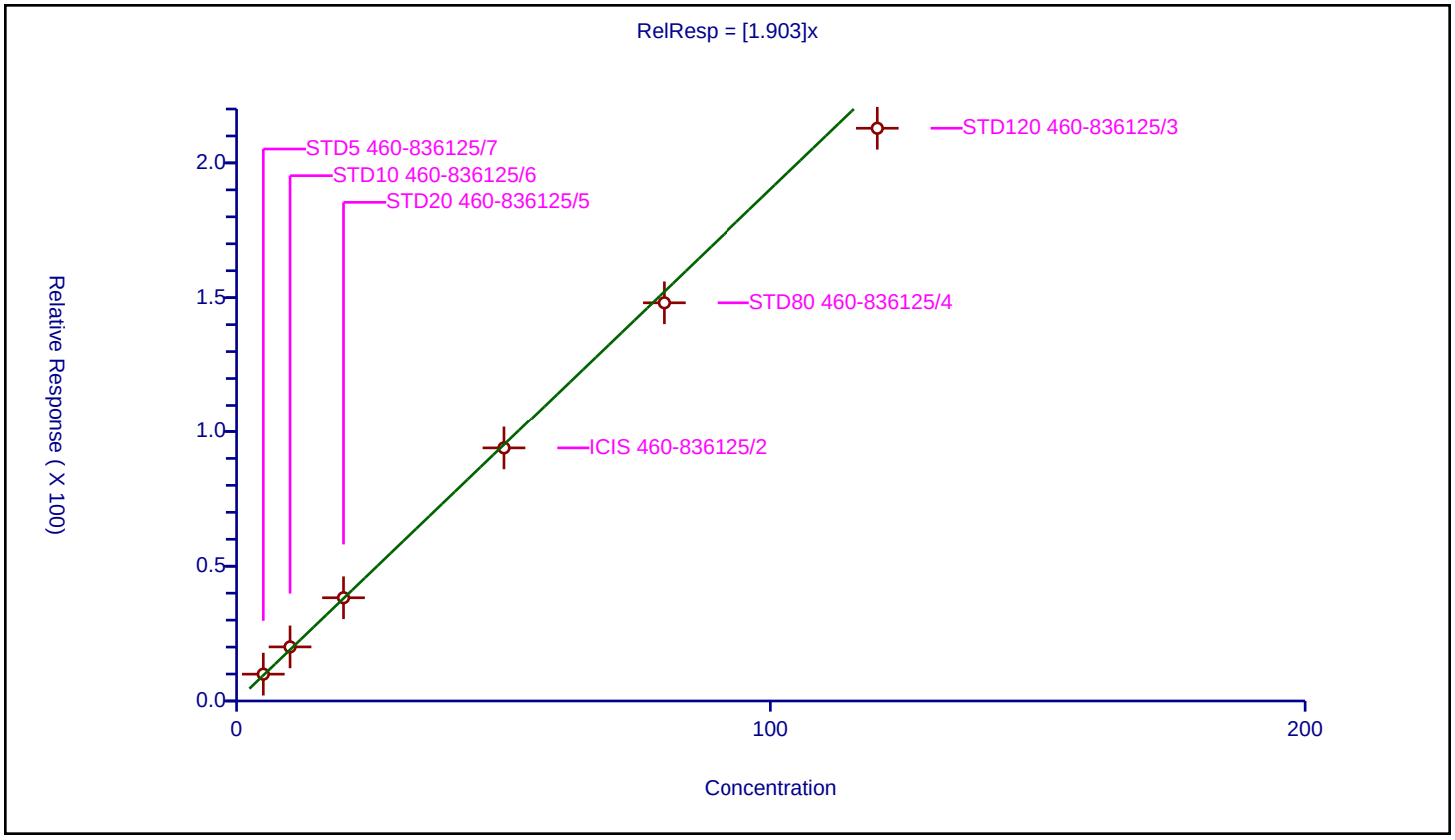
Curve Coefficients

Intercept:	0
Slope:	1.903

Error Coefficients

Standard Error:	345000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	9.960295	40.0	119884.0	1.992059	Y
2	STD10 460-836125/6	10.0	20.064978	40.0	107421.0	2.006498	Y
3	STD20 460-836125/5	20.0	38.300479	40.0	111349.0	1.915024	Y
4	ICIS 460-836125/2	50.0	93.908368	40.0	103785.0	1.878167	Y
5	STD80 460-836125/4	80.0	148.101259	40.0	111121.0	1.851266	Y
6	STD120 460-836125/3	120.0	212.864997	40.0	111686.0	1.773875	Y



Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

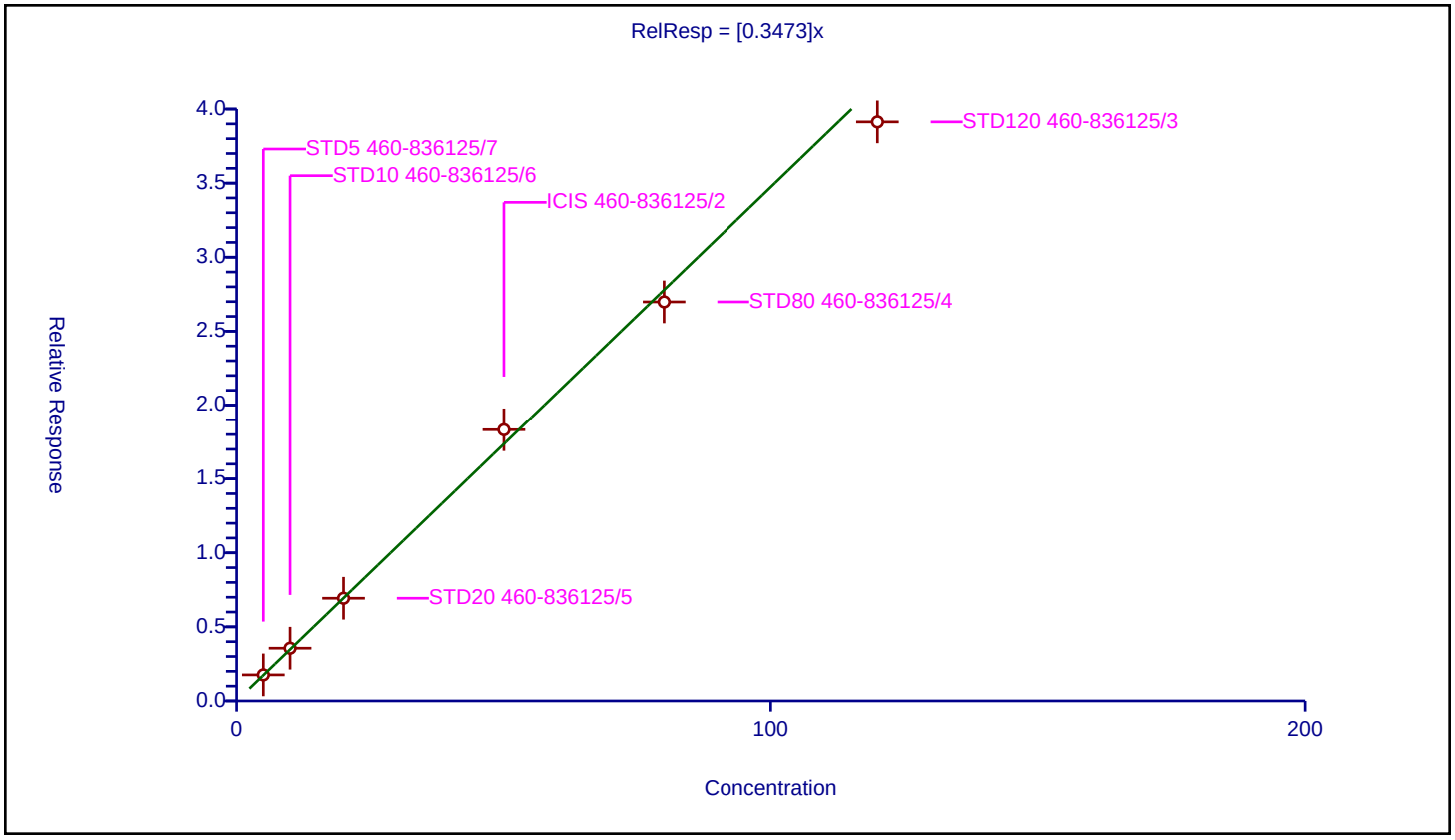
Curve Coefficients

Intercept:	0
Slope:	0.3473

Error Coefficients

Standard Error:	63700
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.757699	40.0	119884.0	0.35154	Y
2	STD10 460-836125/6	10.0	3.559453	40.0	107421.0	0.355945	Y
3	STD20 460-836125/5	20.0	6.93136	40.0	111349.0	0.346568	Y
4	ICIS 460-836125/2	50.0	18.326733	40.0	103785.0	0.366535	Y
5	STD80 460-836125/4	80.0	26.981399	40.0	111121.0	0.337267	Y
6	STD120 460-836125/3	120.0	39.135433	40.0	111686.0	0.326129	Y



Calibration / 3,5-di-tert-butyl-4-hydroxytol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

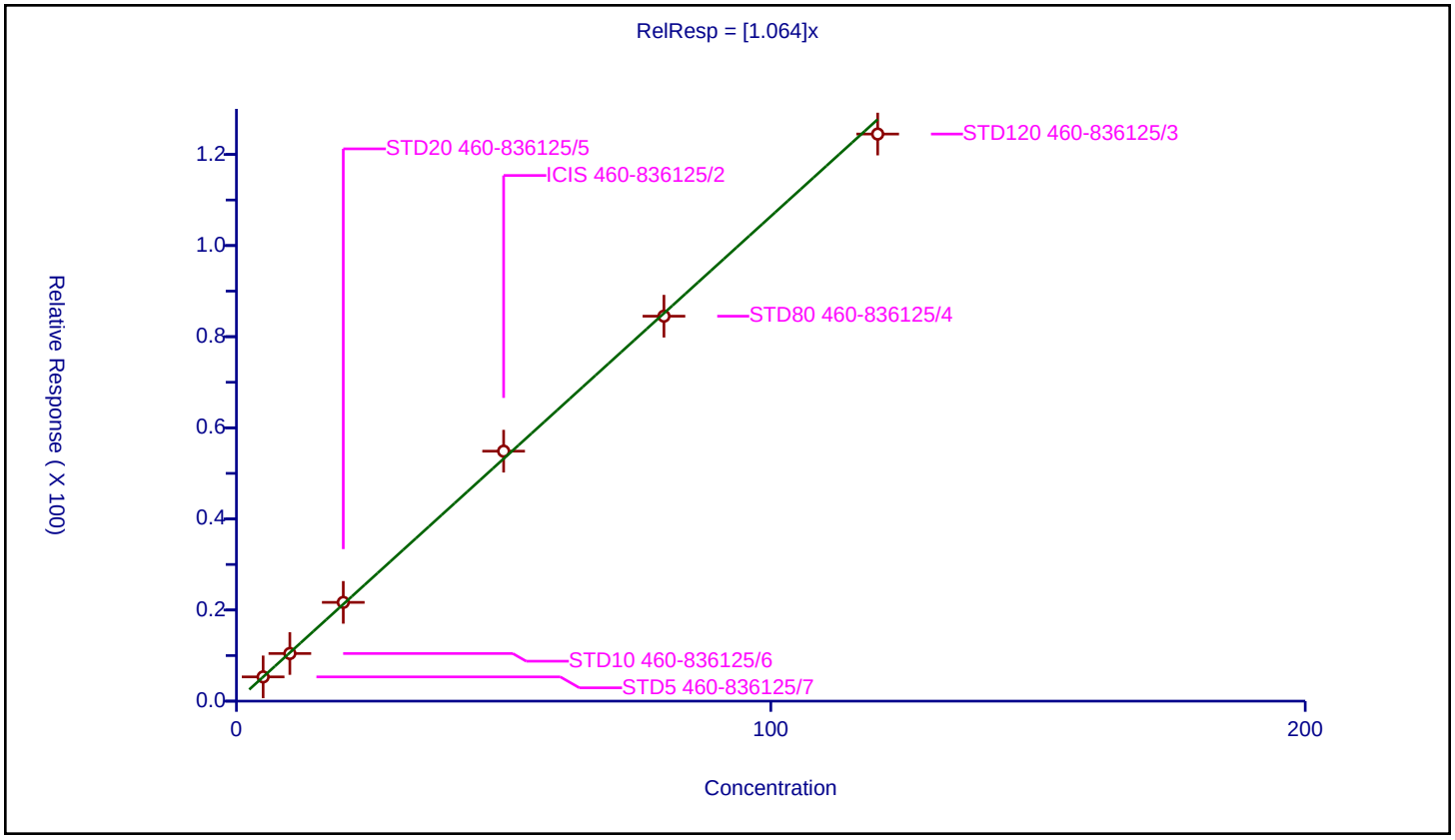
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	200000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.320143	40.0	119884.0	1.064029	Y
2	STD10 460-836125/6	10.0	10.458663	40.0	107421.0	1.045866	Y
3	STD20 460-836125/5	20.0	21.681021	40.0	111349.0	1.084051	Y
4	ICIS 460-836125/2	50.0	54.872669	40.0	103785.0	1.097453	Y
5	STD80 460-836125/4	80.0	84.49924	40.0	111121.0	1.05624	Y
6	STD120 460-836125/3	120.0	124.482209	40.0	111686.0	1.037352	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

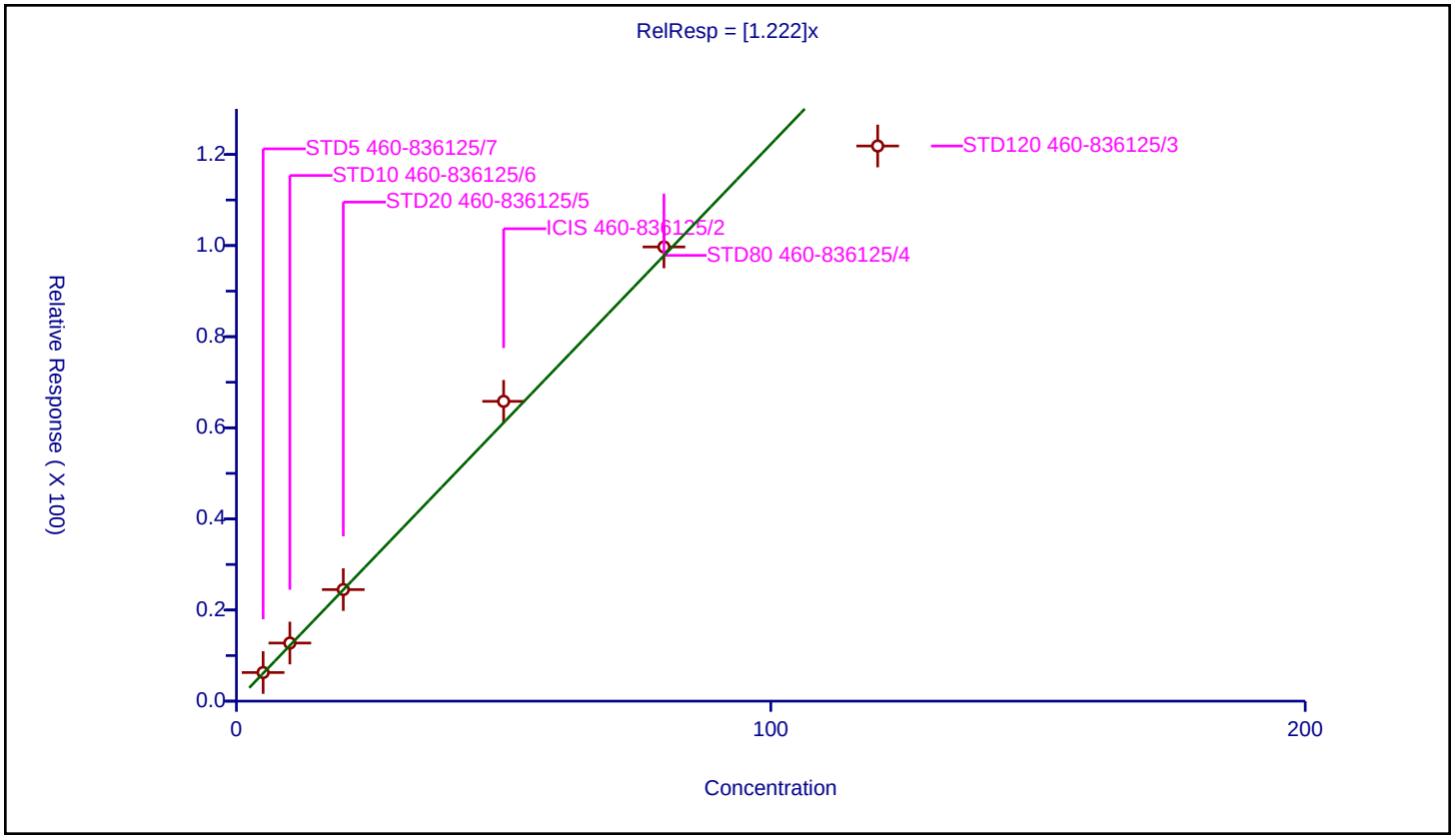
Curve Coefficients

Intercept:	0
Slope:	1.222

Error Coefficients

Standard Error:	213000
Relative Standard Error:	8.7
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.28274	40.0	119884.0	1.256548	Y
2	STD10 460-836125/6	10.0	12.753558	40.0	107421.0	1.275356	Y
3	STD20 460-836125/5	20.0	24.488051	40.0	111349.0	1.224403	Y
4	ICIS 460-836125/2	50.0	65.807583	40.0	103785.0	1.316152	Y
5	STD80 460-836125/4	80.0	99.698527	40.0	111121.0	1.246232	Y
6	STD120 460-836125/3	120.0	121.855201	40.0	111686.0	1.01546	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

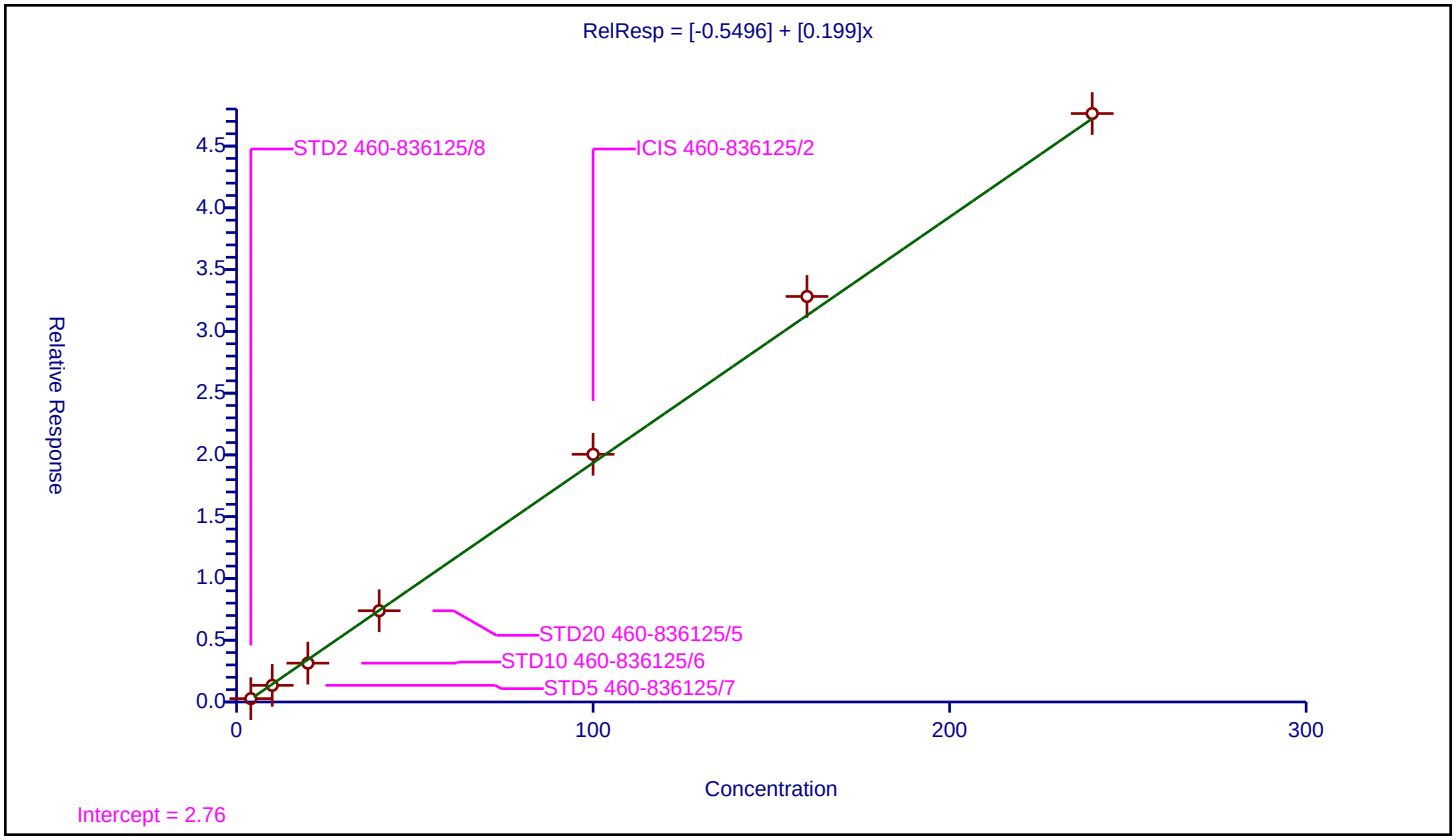
Curve Coefficients

Intercept:	-0.5496
Slope:	0.199

Error Coefficients

Standard Error:	76400
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	STD2 460-836125/8	4.0	0.271264	40.0	111773.0	0.067816	Y
2	STD5 460-836125/7	10.0	1.345634	40.0	119884.0	0.134563	Y
3	STD10 460-836125/6	20.0	3.144637	40.0	107421.0	0.157232	Y
4	STD20 460-836125/5	40.0	7.388661	40.0	111349.0	0.184717	Y
5	ICIS 460-836125/2	100.0	20.049525	40.0	103785.0	0.200495	Y
6	STD80 460-836125/4	160.0	32.826558	40.0	111121.0	0.205166	Y
7	STD120 460-836125/3	240.0	47.636051	40.0	111686.0	0.198484	Y



Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

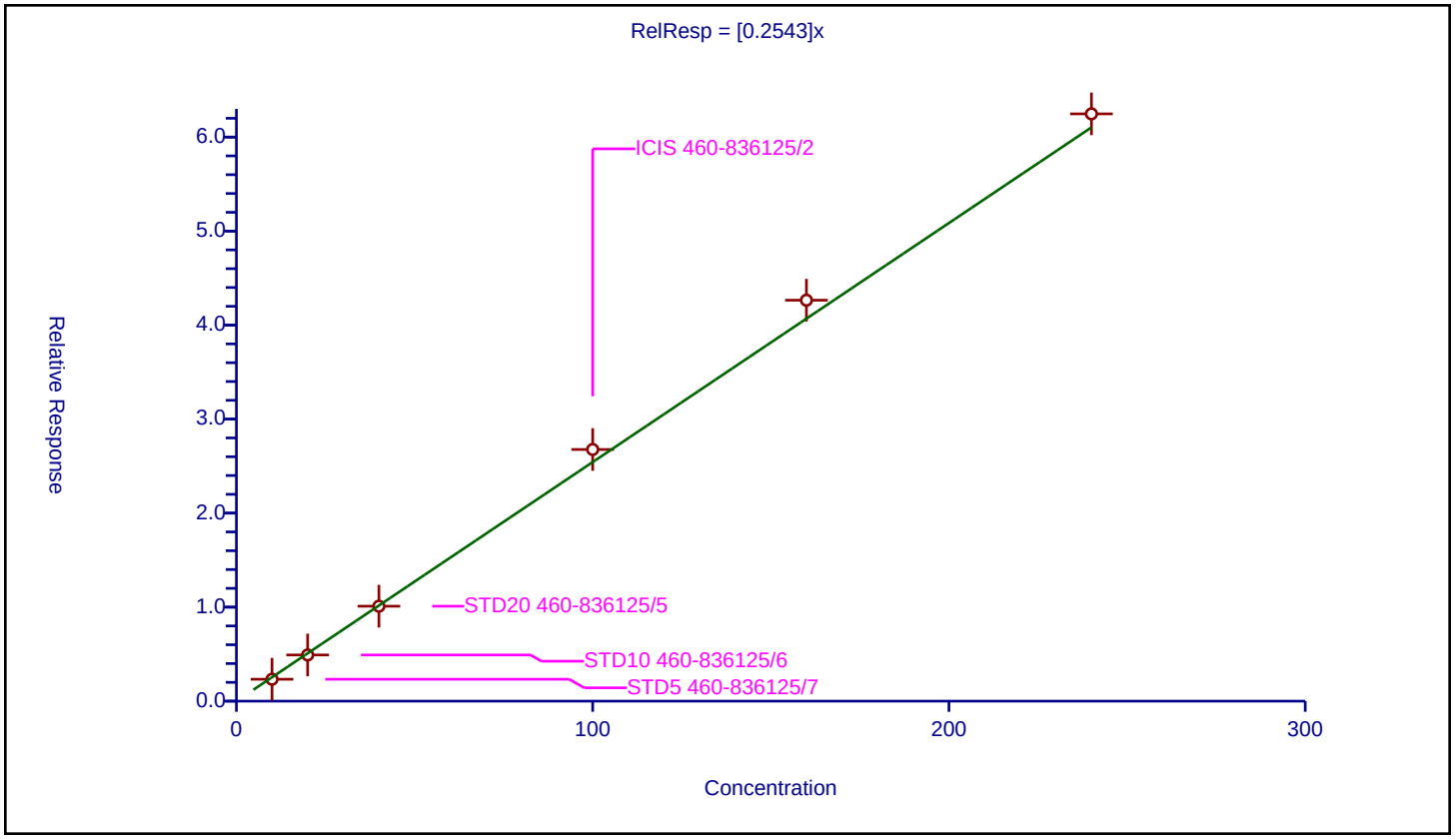
Curve Coefficients

Intercept:	0
Slope:	0.2543

Error Coefficients

Standard Error:	100000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	10.0	2.331254	40.0	119884.0	0.233125	Y
2	STD10 460-836125/6	20.0	4.912261	40.0	107421.0	0.245613	Y
3	STD20 460-836125/5	40.0	10.099776	40.0	111349.0	0.252494	Y
4	ICIS 460-836125/2	100.0	26.76803	40.0	103785.0	0.26768	Y
5	STD80 460-836125/4	160.0	42.649364	40.0	111121.0	0.266559	Y
6	STD120 460-836125/3	240.0	62.469781	40.0	111686.0	0.260291	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

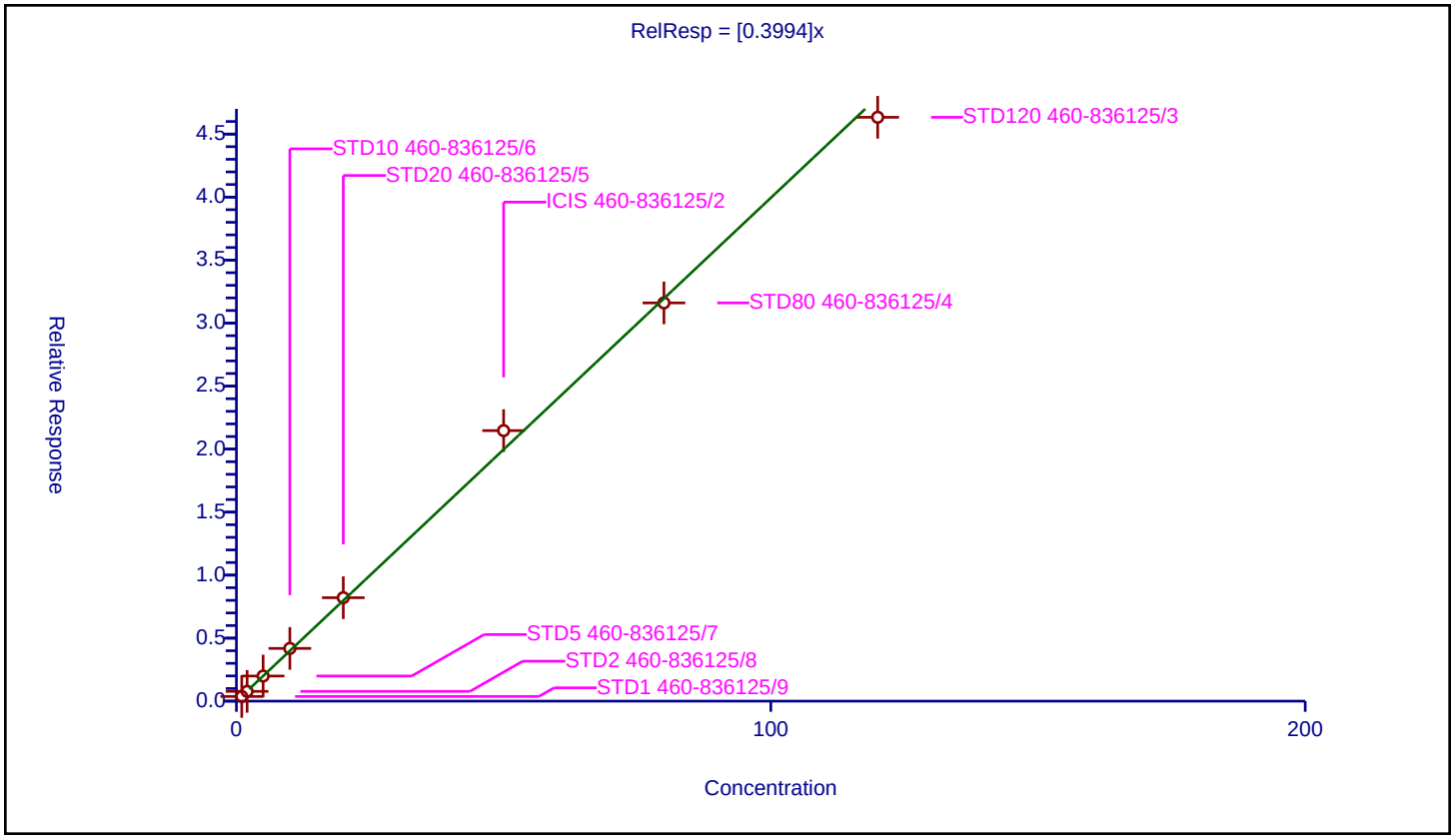
Curve Coefficients

Intercept:	0
Slope:	0.3994

Error Coefficients

Standard Error:	63500
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	1.0	0.370517	40.0	110872.0	0.370517	Y
2	STD2 460-836125/8	2.0	0.773711	40.0	111773.0	0.386856	Y
3	STD5 460-836125/7	5.0	1.992259	40.0	119884.0	0.398452	Y
4	STD10 460-836125/6	10.0	4.183167	40.0	107421.0	0.418317	Y
5	STD20 460-836125/5	20.0	8.209144	40.0	111349.0	0.410457	Y
6	ICIS 460-836125/2	50.0	21.469769	40.0	103785.0	0.429395	Y
7	STD80 460-836125/4	80.0	31.604467	40.0	111121.0	0.395056	Y
8	STD120 460-836125/3	120.0	46.334187	40.0	111686.0	0.386118	Y



Calibration / Dibenzofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

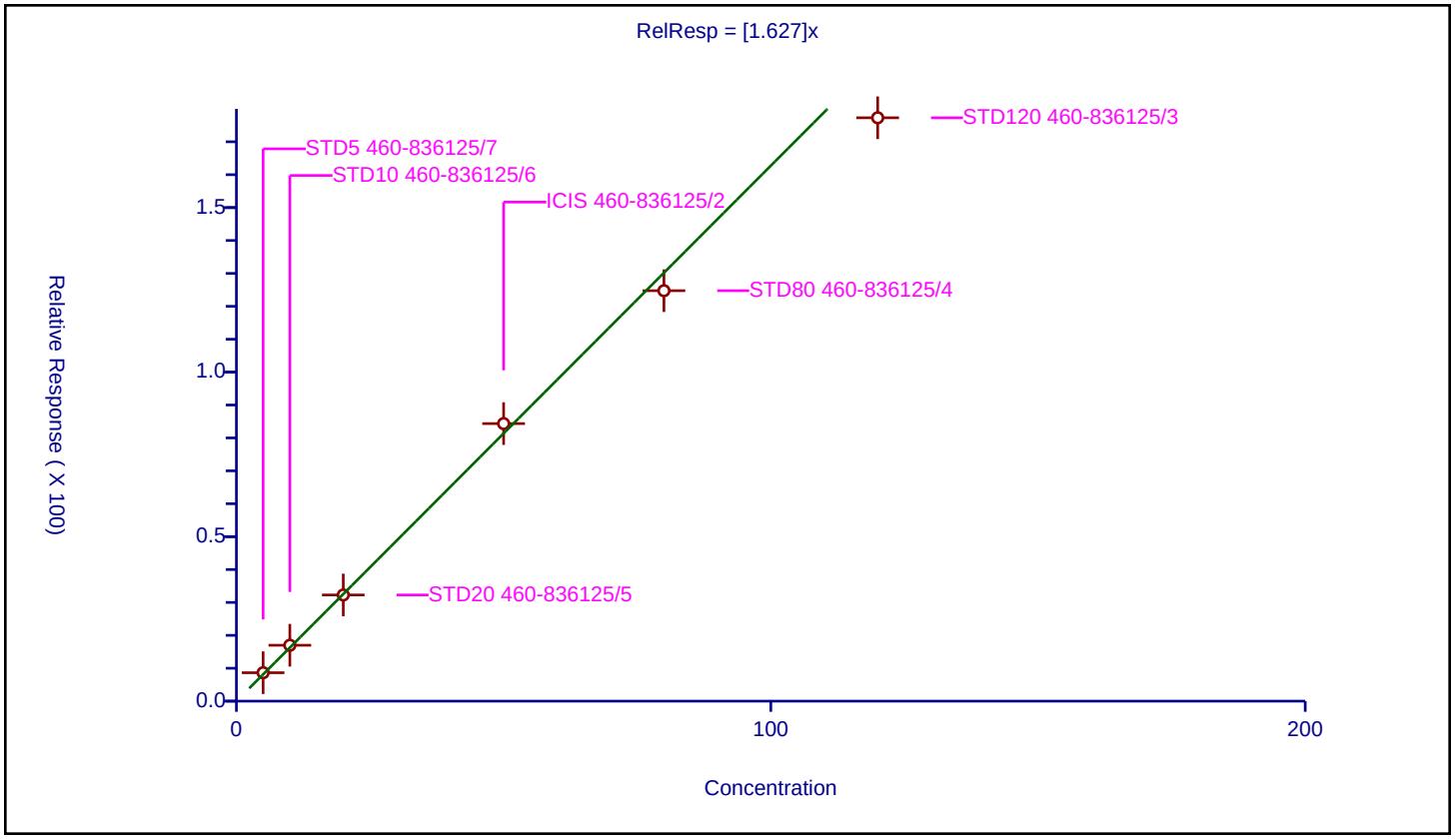
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Standard Error:	291000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	8.642021	40.0	119884.0	1.728404	Y
2	STD10 460-836125/6	10.0	16.984761	40.0	107421.0	1.698476	Y
3	STD20 460-836125/5	20.0	32.267196	40.0	111349.0	1.61336	Y
4	ICIS 460-836125/2	50.0	84.352459	40.0	103785.0	1.687049	Y
5	STD80 460-836125/4	80.0	124.740778	40.0	111121.0	1.55926	Y
6	STD120 460-836125/3	120.0	177.299214	40.0	111686.0	1.477493	Y



Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

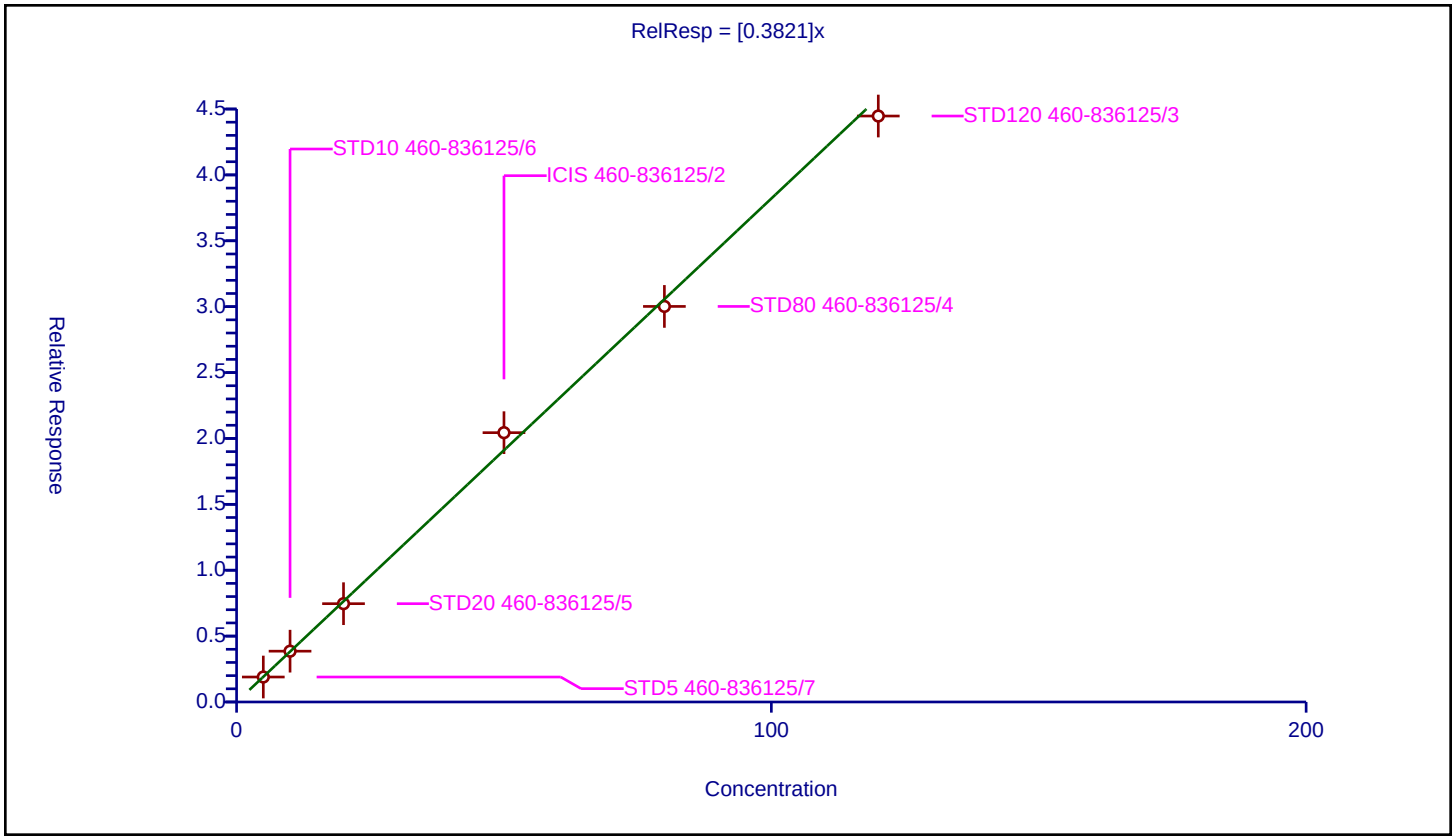
Curve Coefficients

Intercept:	0
Slope:	0.3821

Error Coefficients

Standard Error:	71700
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.895833	40.0	119884.0	0.379167	Y
2	STD10 460-836125/6	10.0	3.855857	40.0	107421.0	0.385586	Y
3	STD20 460-836125/5	20.0	7.461226	40.0	111349.0	0.373061	Y
4	ICIS 460-836125/2	50.0	20.438406	40.0	103785.0	0.408768	Y
5	STD80 460-836125/4	80.0	30.018088	40.0	111121.0	0.375226	Y
6	STD120 460-836125/3	120.0	44.466809	40.0	111686.0	0.370557	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

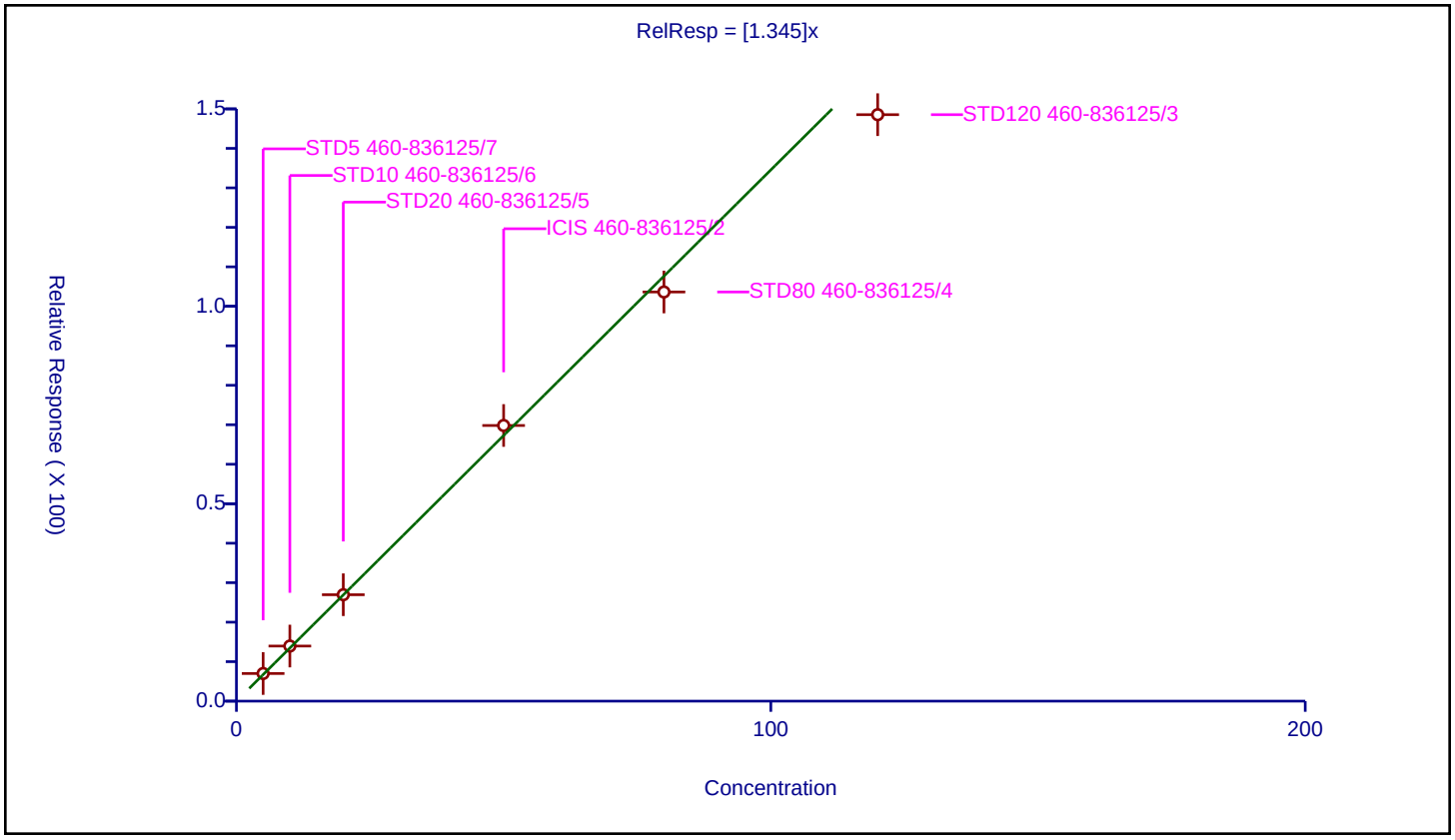
Curve Coefficients

Intercept:	0
Slope:	1.345

Error Coefficients

Standard Error:	243000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	7.001101	40.0	119884.0	1.40022	Y
2	STD10 460-836125/6	10.0	13.954069	40.0	107421.0	1.395407	Y
3	STD20 460-836125/5	20.0	26.949501	40.0	111349.0	1.347475	Y
4	ICIS 460-836125/2	50.0	69.812401	40.0	103785.0	1.396248	Y
5	STD80 460-836125/4	80.0	103.630097	40.0	111121.0	1.295376	Y
6	STD120 460-836125/3	120.0	148.538581	40.0	111686.0	1.237822	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

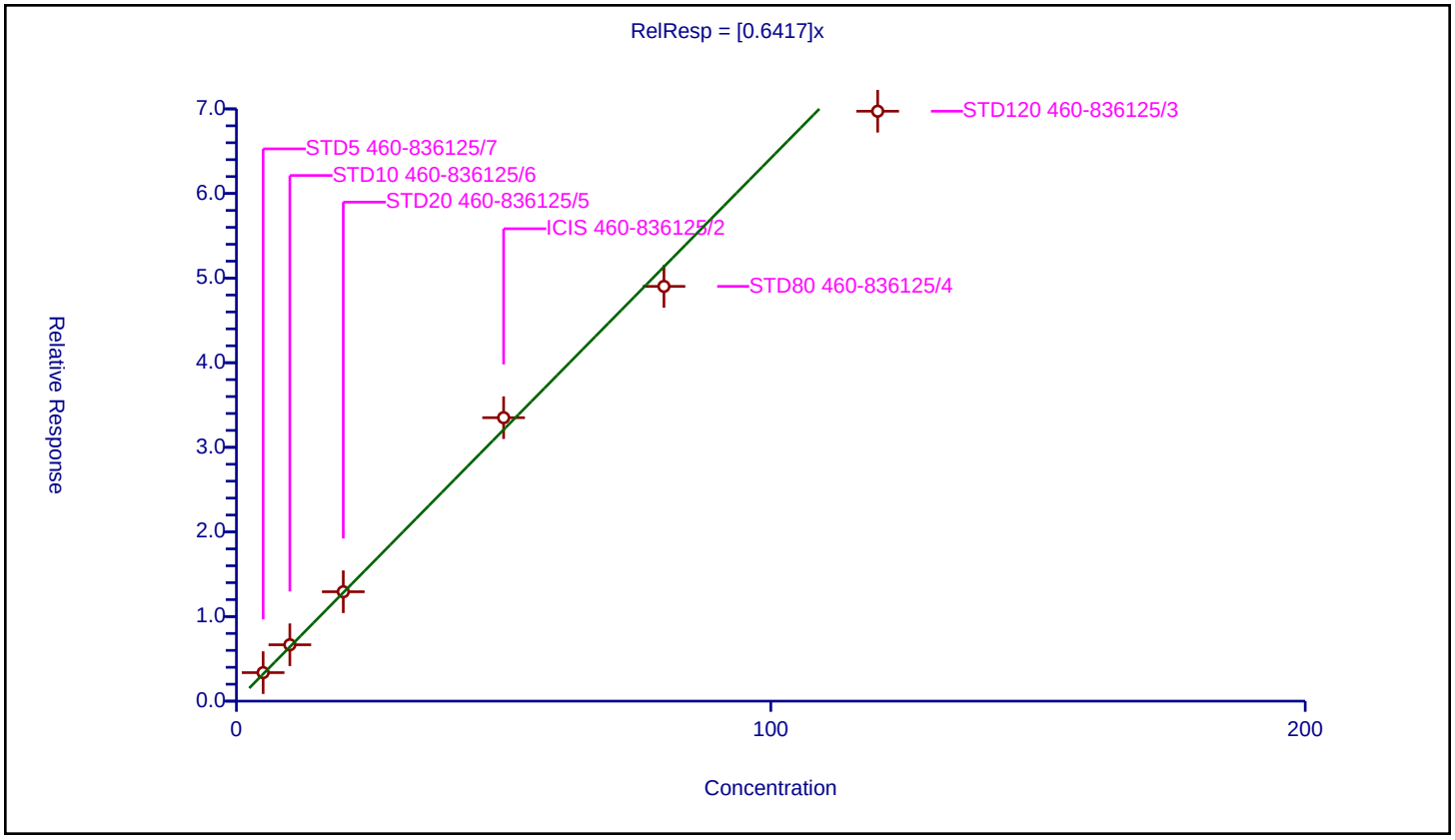
Curve Coefficients

Intercept:	0
Slope:	0.6417

Error Coefficients

Standard Error:	115000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.368923	40.0	119884.0	0.673785	Y
2	STD10 460-836125/6	10.0	6.662012	40.0	107421.0	0.666201	Y
3	STD20 460-836125/5	20.0	12.929079	40.0	111349.0	0.646454	Y
4	ICIS 460-836125/2	50.0	33.500795	40.0	103785.0	0.670016	Y
5	STD80 460-836125/4	80.0	49.023317	40.0	111121.0	0.612791	Y
6	STD120 460-836125/3	120.0	69.727629	40.0	111686.0	0.581064	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

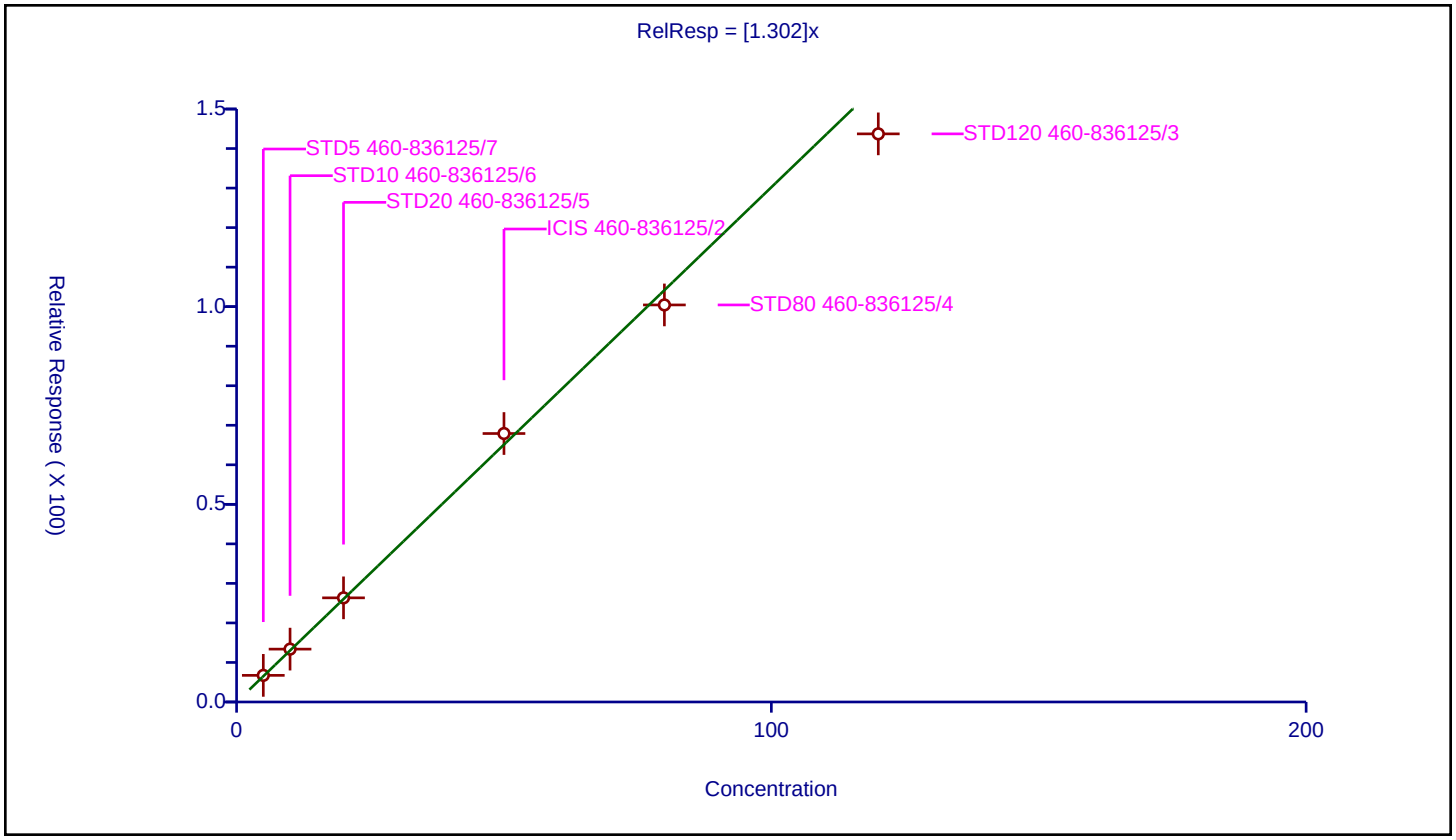
Curve Coefficients

Intercept:	0
Slope:	1.302

Error Coefficients

Standard Error:	235000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.732174	40.0	119884.0	1.346435	Y
2	STD10 460-836125/6	10.0	13.374294	40.0	107421.0	1.337429	Y
3	STD20 460-836125/5	20.0	26.34276	40.0	111349.0	1.317138	Y
4	ICIS 460-836125/2	50.0	67.910006	40.0	103785.0	1.3582	Y
5	STD80 460-836125/4	80.0	100.442221	40.0	111121.0	1.255528	Y
6	STD120 460-836125/3	120.0	143.711119	40.0	111686.0	1.197593	Y



Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

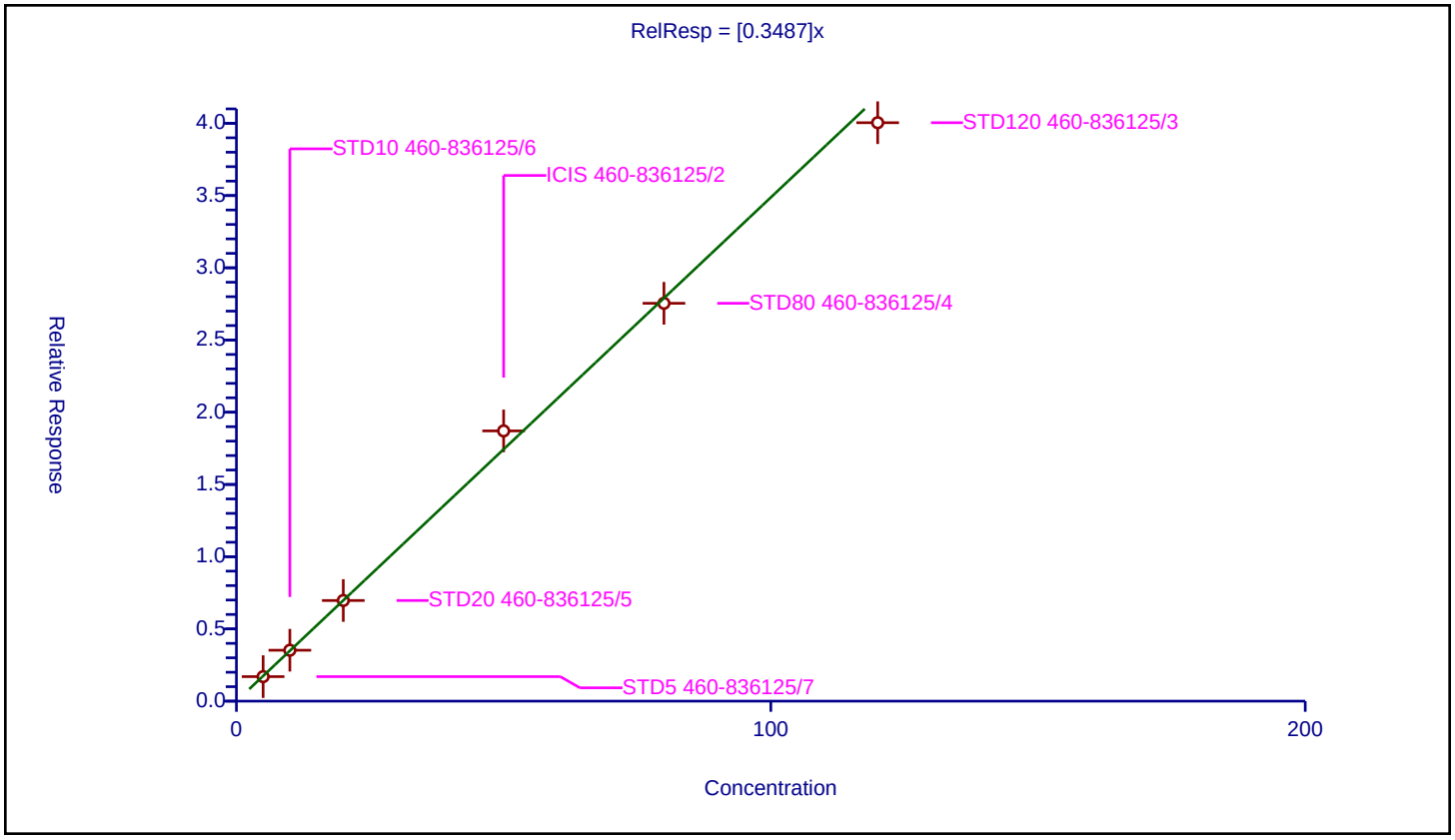
Curve Coefficients

Intercept:	0
Slope:	0.3487

Error Coefficients

Standard Error:	65100
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.696974	40.0	119884.0	0.339395	Y
2	STD10 460-836125/6	10.0	3.523706	40.0	107421.0	0.352371	Y
3	STD20 460-836125/5	20.0	6.966205	40.0	111349.0	0.34831	Y
4	ICIS 460-836125/2	50.0	18.707906	40.0	103785.0	0.374158	Y
5	STD80 460-836125/4	80.0	27.542229	40.0	111121.0	0.344278	Y
6	STD120 460-836125/3	120.0	40.042619	40.0	111686.0	0.333688	Y



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

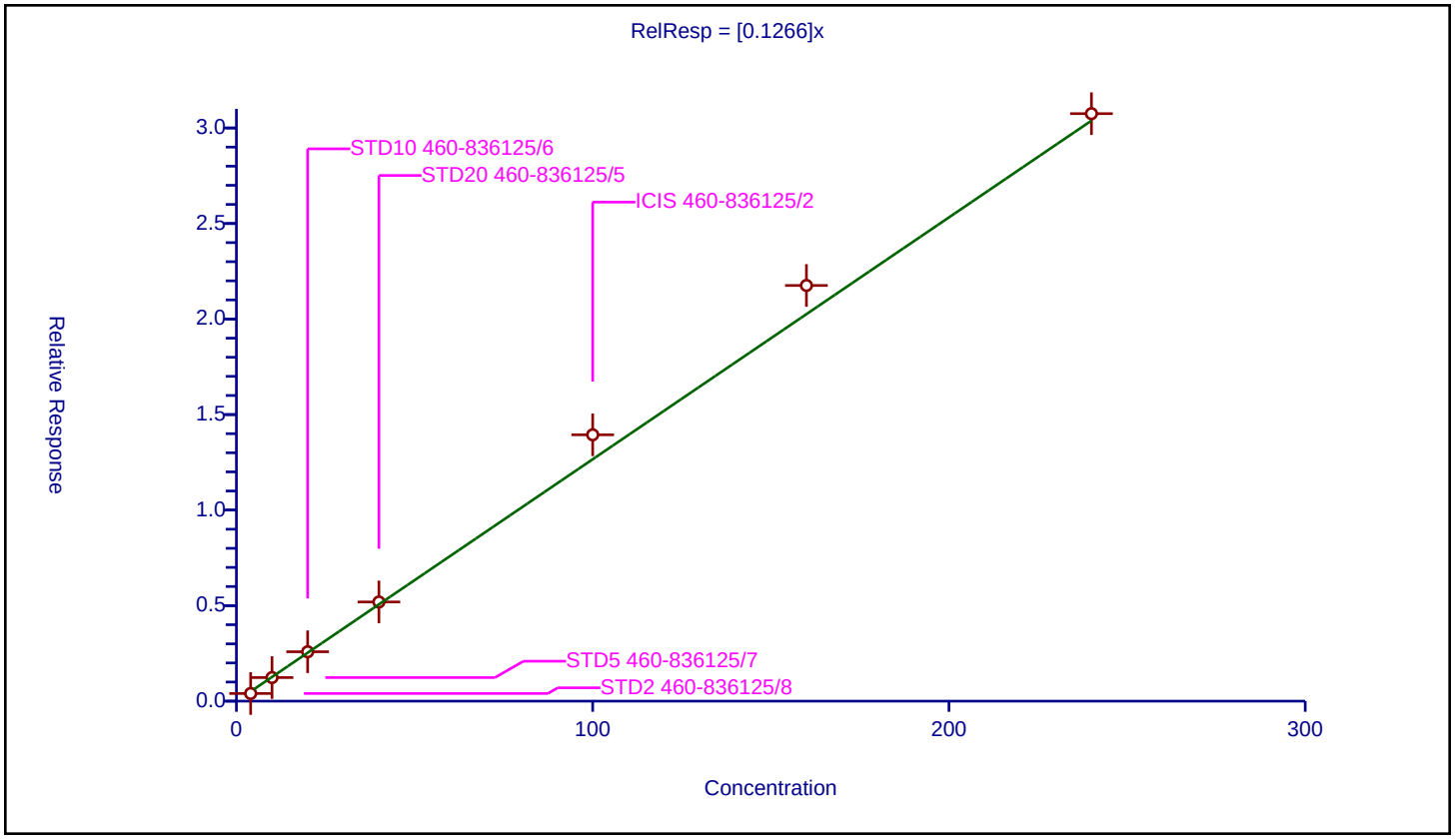
Curve Coefficients

Intercept:	0
Slope:	0.1266

Error Coefficients

Standard Error:	84400
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836125/8	4.0	0.400768	40.0	213490.0	0.100192	Y
2	STD5 460-836125/7	10.0	1.234923	40.0	225342.0	0.123492	Y
3	STD10 460-836125/6	20.0	2.584667	40.0	201496.0	0.129233	Y
4	STD20 460-836125/5	40.0	5.190522	40.0	207902.0	0.129763	Y
5	ICIS 460-836125/2	100.0	13.942146	40.0	194214.0	0.139421	Y
6	STD80 460-836125/4	160.0	21.756467	40.0	201632.0	0.135978	Y
7	STD120 460-836125/3	240.0	30.750977	40.0	206318.0	0.128129	Y



Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

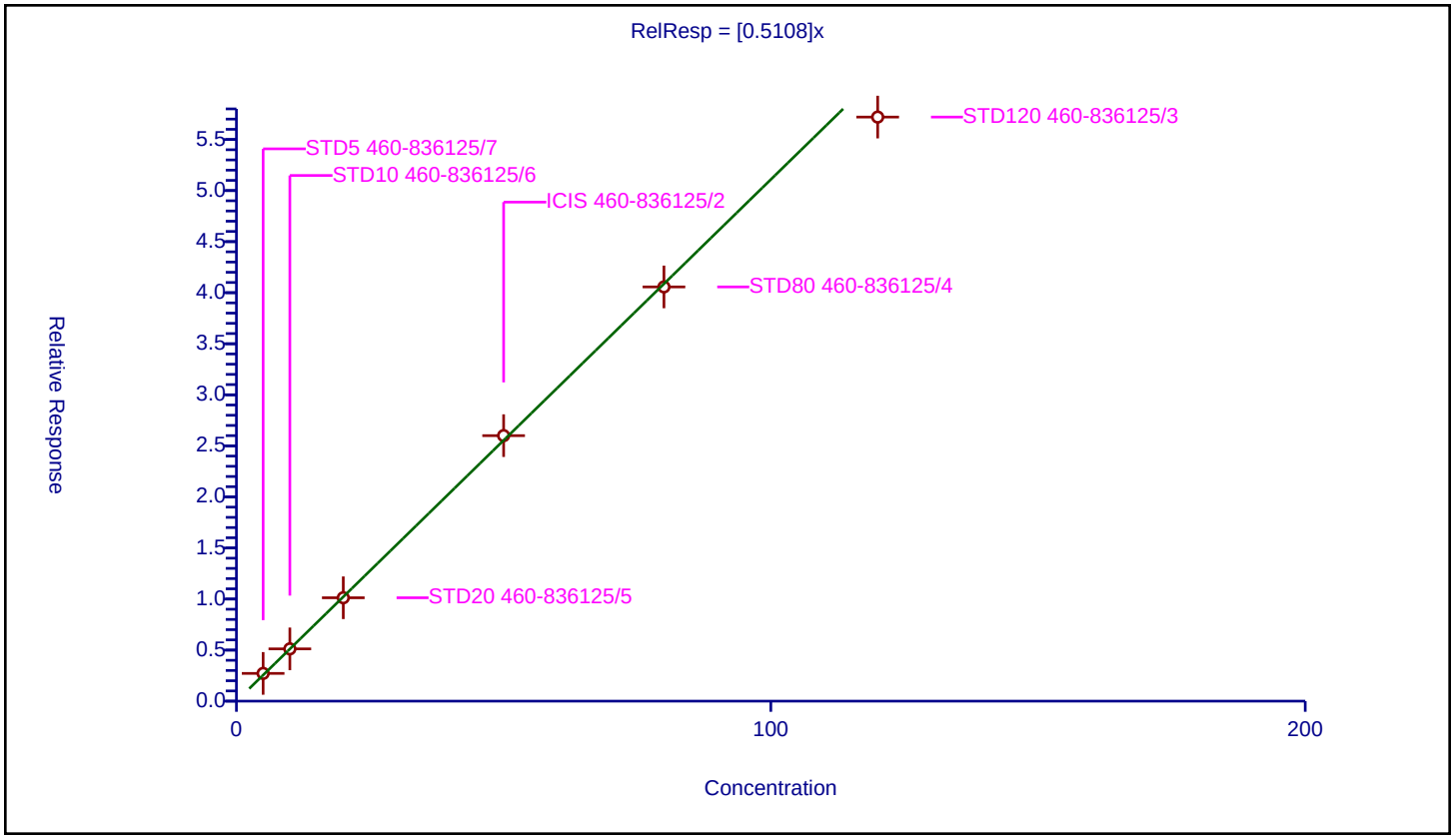
Curve Coefficients

Intercept:	0
Slope:	0.5108

Error Coefficients

Standard Error:	172000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.715694	40.0	225342.0	0.543139	Y
2	STD10 460-836125/6	10.0	5.118911	40.0	201496.0	0.511891	Y
3	STD20 460-836125/5	20.0	10.124193	40.0	207902.0	0.50621	Y
4	ICIS 460-836125/2	50.0	26.000391	40.0	194214.0	0.520008	Y
5	STD80 460-836125/4	80.0	40.564791	40.0	201632.0	0.50706	Y
6	STD120 460-836125/3	120.0	57.198887	40.0	206318.0	0.476657	Y



Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

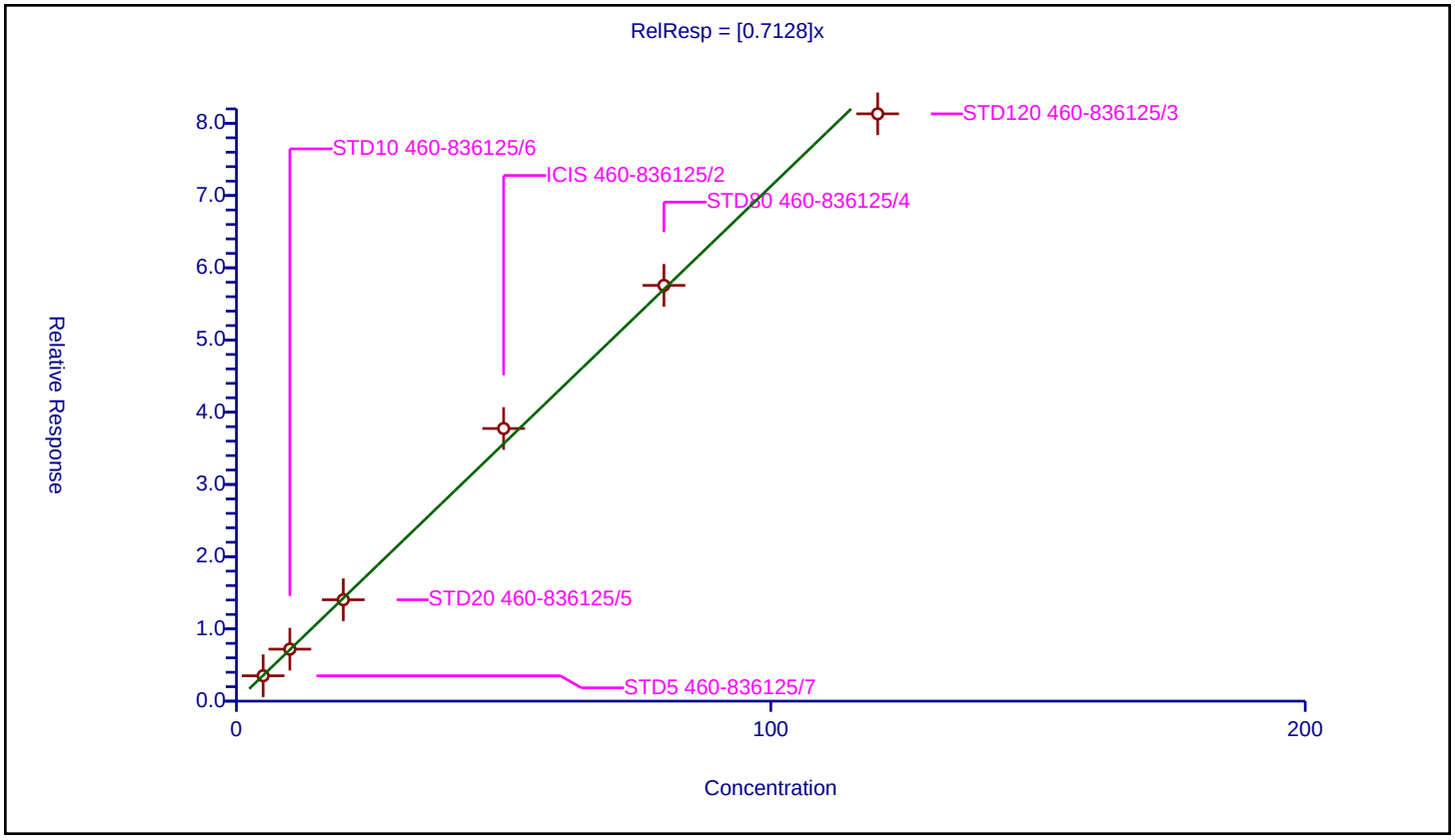
Curve Coefficients

Intercept:	0
Slope:	0.7128

Error Coefficients

Standard Error:	245000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.514303	40.0	225342.0	0.702861	Y
2	STD10 460-836125/6	10.0	7.201334	40.0	201496.0	0.720133	Y
3	STD20 460-836125/5	20.0	14.036421	40.0	207902.0	0.701821	Y
4	ICIS 460-836125/2	50.0	37.747639	40.0	194214.0	0.754953	Y
5	STD80 460-836125/4	80.0	57.565863	40.0	201632.0	0.719573	Y
6	STD120 460-836125/3	120.0	81.317772	40.0	206318.0	0.677648	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

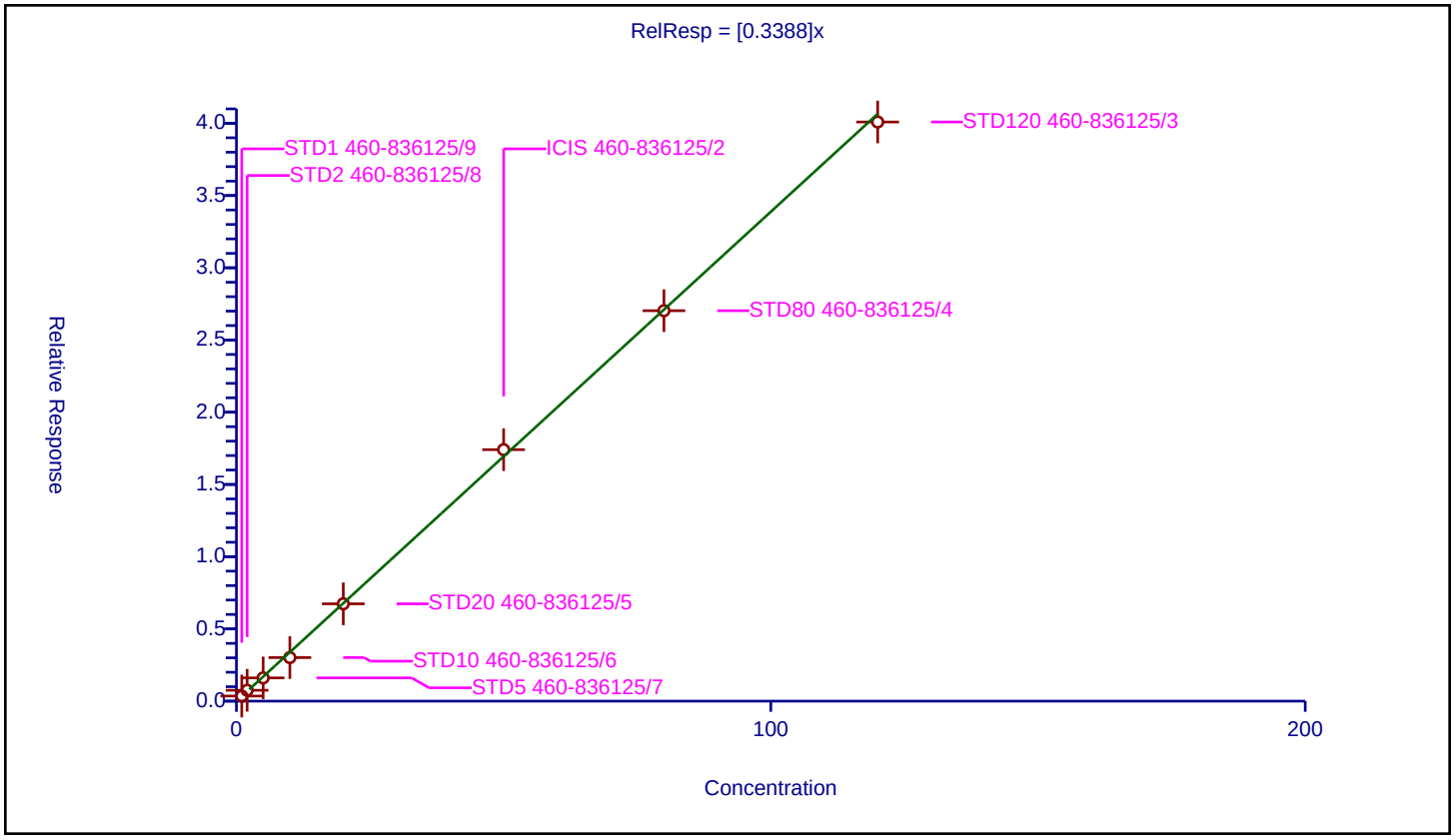
Curve Coefficients

Intercept:	0
Slope:	0.3388

Error Coefficients

Standard Error:	54300
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	1.0	0.353922	40.0	110872.0	0.353922	Y
2	STD2 460-836125/8	2.0	0.752239	40.0	111773.0	0.376119	Y
3	STD5 460-836125/7	5.0	1.608889	40.0	119884.0	0.321778	Y
4	STD10 460-836125/6	10.0	3.014681	40.0	107421.0	0.301468	Y
5	STD20 460-836125/5	20.0	6.737375	40.0	111349.0	0.336869	Y
6	ICIS 460-836125/2	50.0	17.409838	40.0	103785.0	0.348197	Y
7	STD80 460-836125/4	80.0	27.029274	40.0	111121.0	0.337866	Y
8	STD120 460-836125/3	120.0	40.092402	40.0	111686.0	0.334103	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

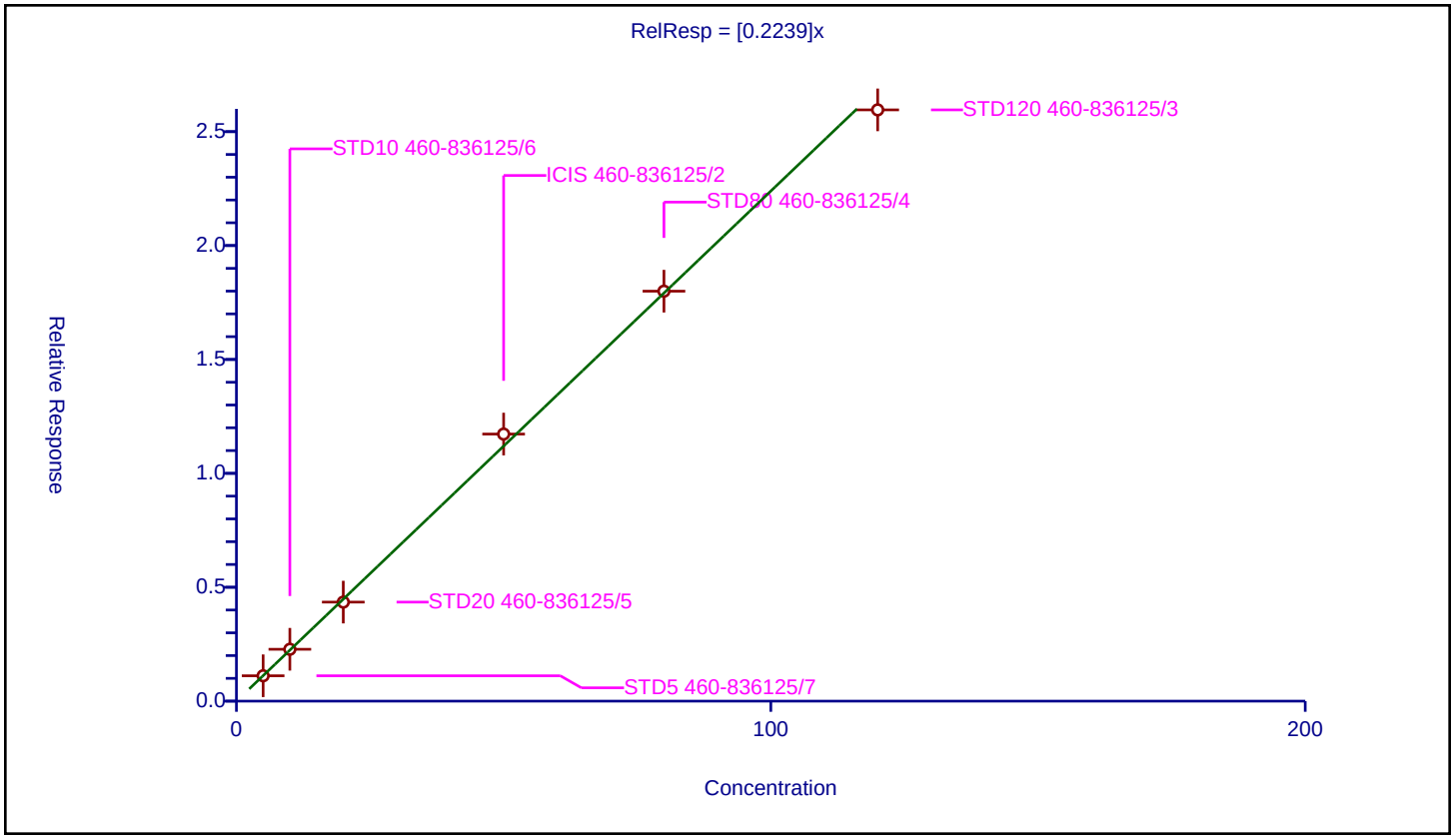
Curve Coefficients

Intercept:	0
Slope:	0.2239

Error Coefficients

Standard Error:	77500
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.11333	40.0	225342.0	0.222666	Y
2	STD10 460-836125/6	10.0	2.276968	40.0	201496.0	0.227697	Y
3	STD20 460-836125/5	20.0	4.347625	40.0	207902.0	0.217381	Y
4	ICIS 460-836125/2	50.0	11.724798	40.0	194214.0	0.234496	Y
5	STD80 460-836125/4	80.0	17.998135	40.0	201632.0	0.224977	Y
6	STD120 460-836125/3	120.0	25.957018	40.0	206318.0	0.216308	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

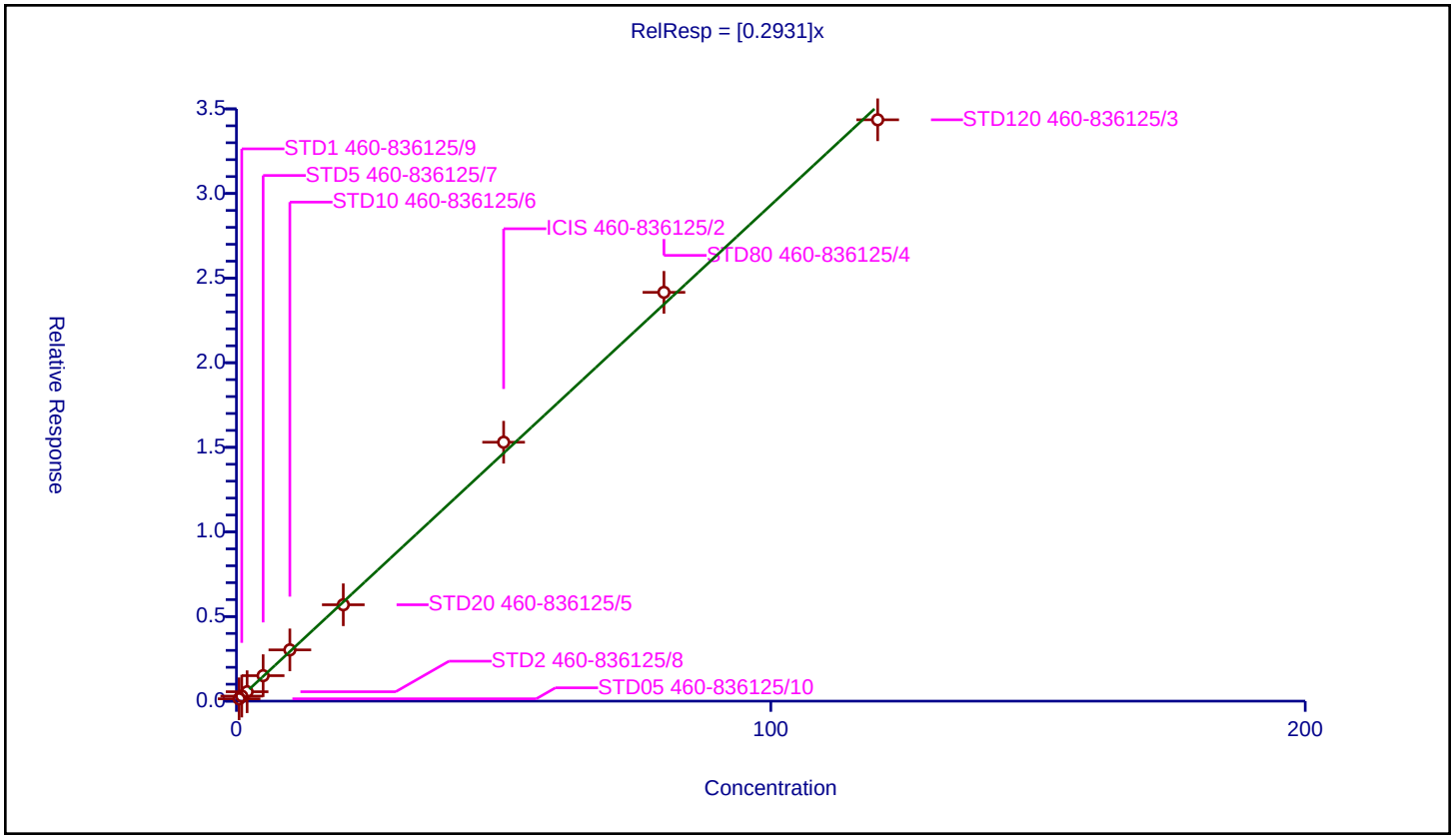
Curve Coefficients

Intercept:	0
Slope:	0.2931

Error Coefficients

Standard Error:	81300
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.139724	40.0	217858.0	0.279448	Y
2	STD1 460-836125/9	1.0	0.297709	40.0	208257.0	0.297709	Y
3	STD2 460-836125/8	2.0	0.556466	40.0	213490.0	0.278233	Y
4	STD5 460-836125/7	5.0	1.504735	40.0	225342.0	0.300947	Y
5	STD10 460-836125/6	10.0	3.029142	40.0	201496.0	0.302914	Y
6	STD20 460-836125/5	20.0	5.695376	40.0	207902.0	0.284769	Y
7	ICIS 460-836125/2	50.0	15.300854	40.0	194214.0	0.306017	Y
8	STD80 460-836125/4	80.0	24.15926	40.0	201632.0	0.301991	Y
9	STD120 460-836125/3	120.0	34.355509	40.0	206318.0	0.286296	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

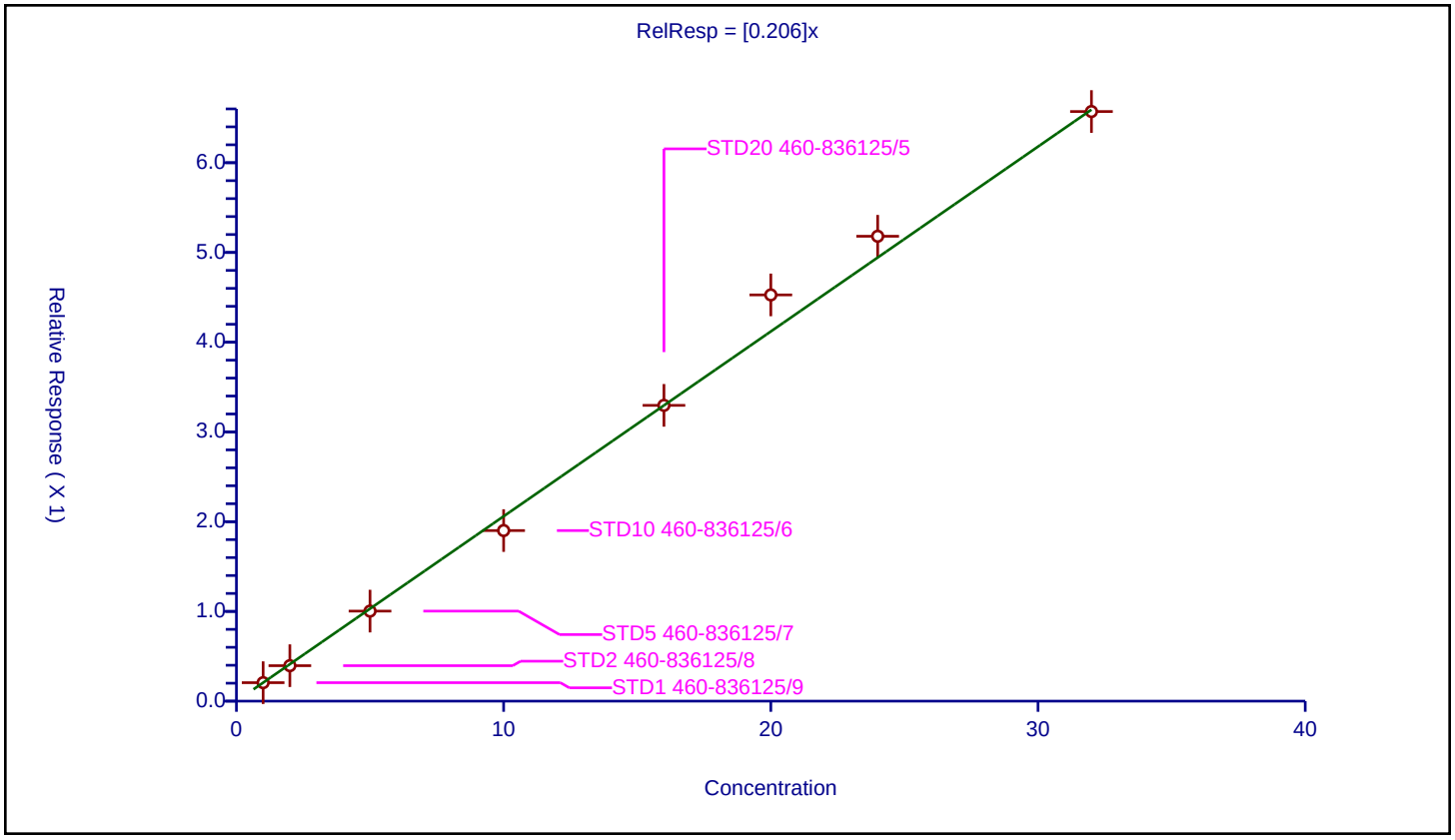
Curve Coefficients

Intercept:	0
Slope:	0.206

Error Coefficients

Standard Error:	19800
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-836125/9	1.0	0.205899	40.0	208257.0	0.205899	Y
2	STD2 460-836125/8	2.0	0.395335	40.0	213490.0	0.197667	Y
3	STD5 460-836125/7	5.0	1.003275	40.0	225342.0	0.200655	Y
4	STD10 460-836125/6	10.0	1.900782	40.0	201496.0	0.190078	Y
5	STD20 460-836125/5	16.0	3.296168	40.0	207902.0	0.206011	Y
6	ICIS 460-836125/2	20.0	4.526965	40.0	194214.0	0.226348	Y
7	STD80 460-836125/4	24.0	5.180725	40.0	201632.0	0.215864	Y
8	STD120 460-836125/3	32.0	6.570634	40.0	206318.0	0.205332	Y



Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

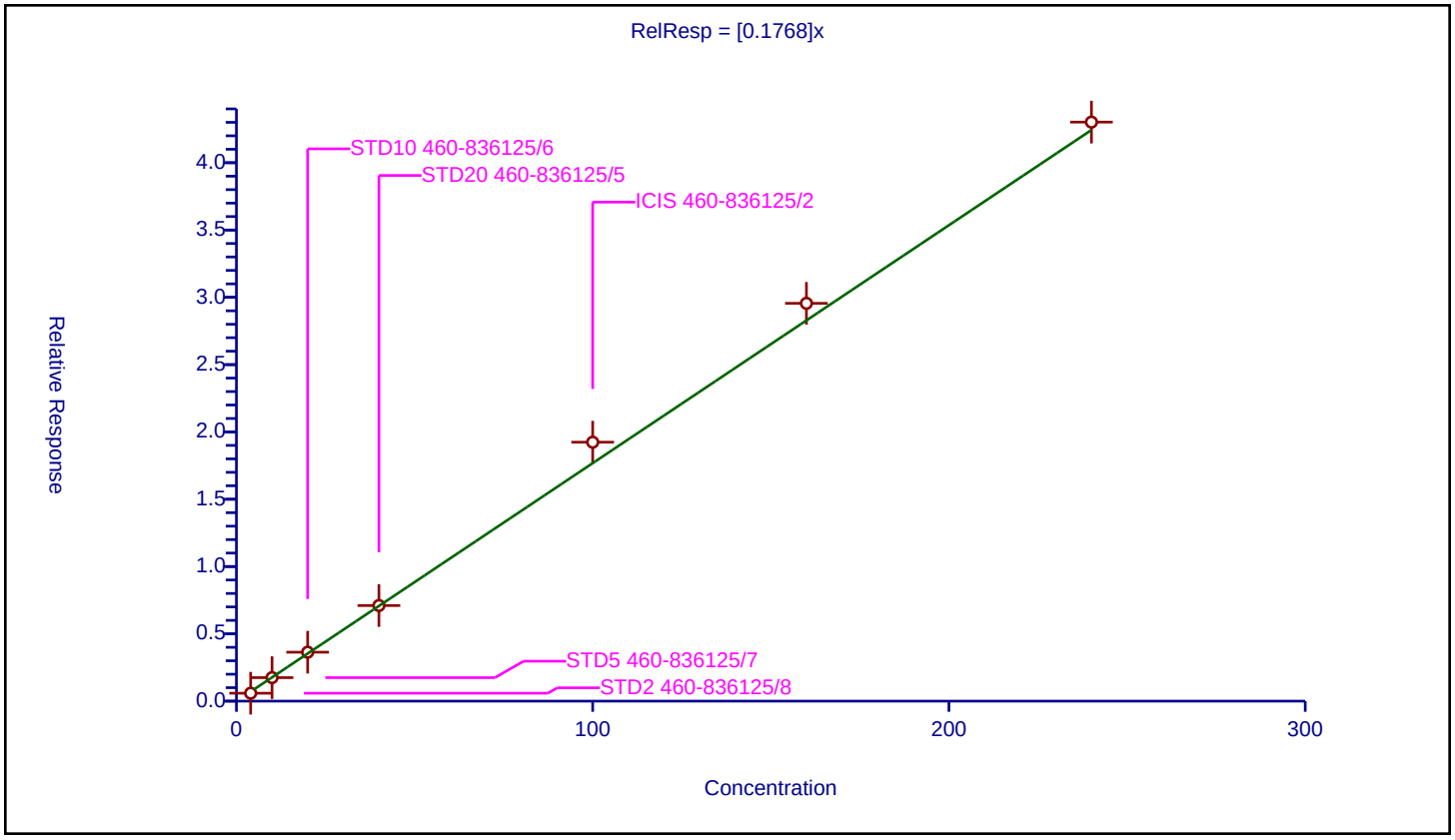
Curve Coefficients

Intercept:	0
Slope:	0.1768

Error Coefficients

Standard Error:	117000
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	STD2 460-836125/8	4.0	0.58888	40.0	213490.0	0.14722	Y
2	STD5 460-836125/7	10.0	1.746856	40.0	225342.0	0.174686	Y
3	STD10 460-836125/6	20.0	3.635407	40.0	201496.0	0.18177	Y
4	STD20 460-836125/5	40.0	7.102	40.0	207902.0	0.17755	Y
5	ICIS 460-836125/2	100.0	19.237336	40.0	194214.0	0.192373	Y
6	STD80 460-836125/4	160.0	29.556221	40.0	201632.0	0.184726	Y
7	STD120 460-836125/3	240.0	43.018447	40.0	206318.0	0.179244	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

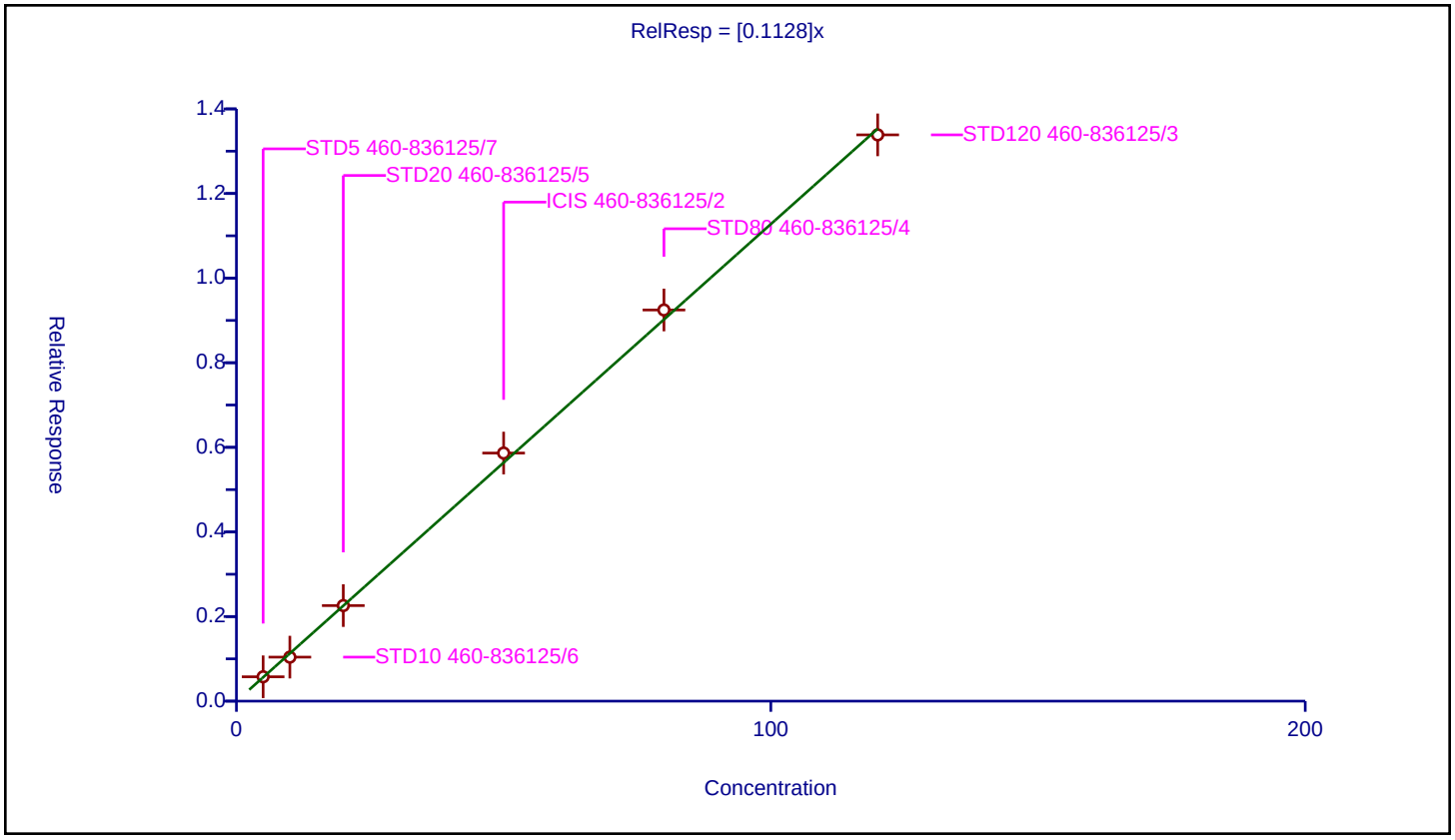
Curve Coefficients

Intercept:	0
Slope:	0.1128

Error Coefficients

Standard Error:	39800
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	0.575836	40.0	225342.0	0.115167	Y
2	STD10 460-836125/6	10.0	1.040219	40.0	201496.0	0.104022	Y
3	STD20 460-836125/5	20.0	2.258757	40.0	207902.0	0.112938	Y
4	ICIS 460-836125/2	50.0	5.864459	40.0	194214.0	0.117289	Y
5	STD80 460-836125/4	80.0	9.24635	40.0	201632.0	0.115579	Y
6	STD120 460-836125/3	120.0	13.386132	40.0	206318.0	0.111551	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

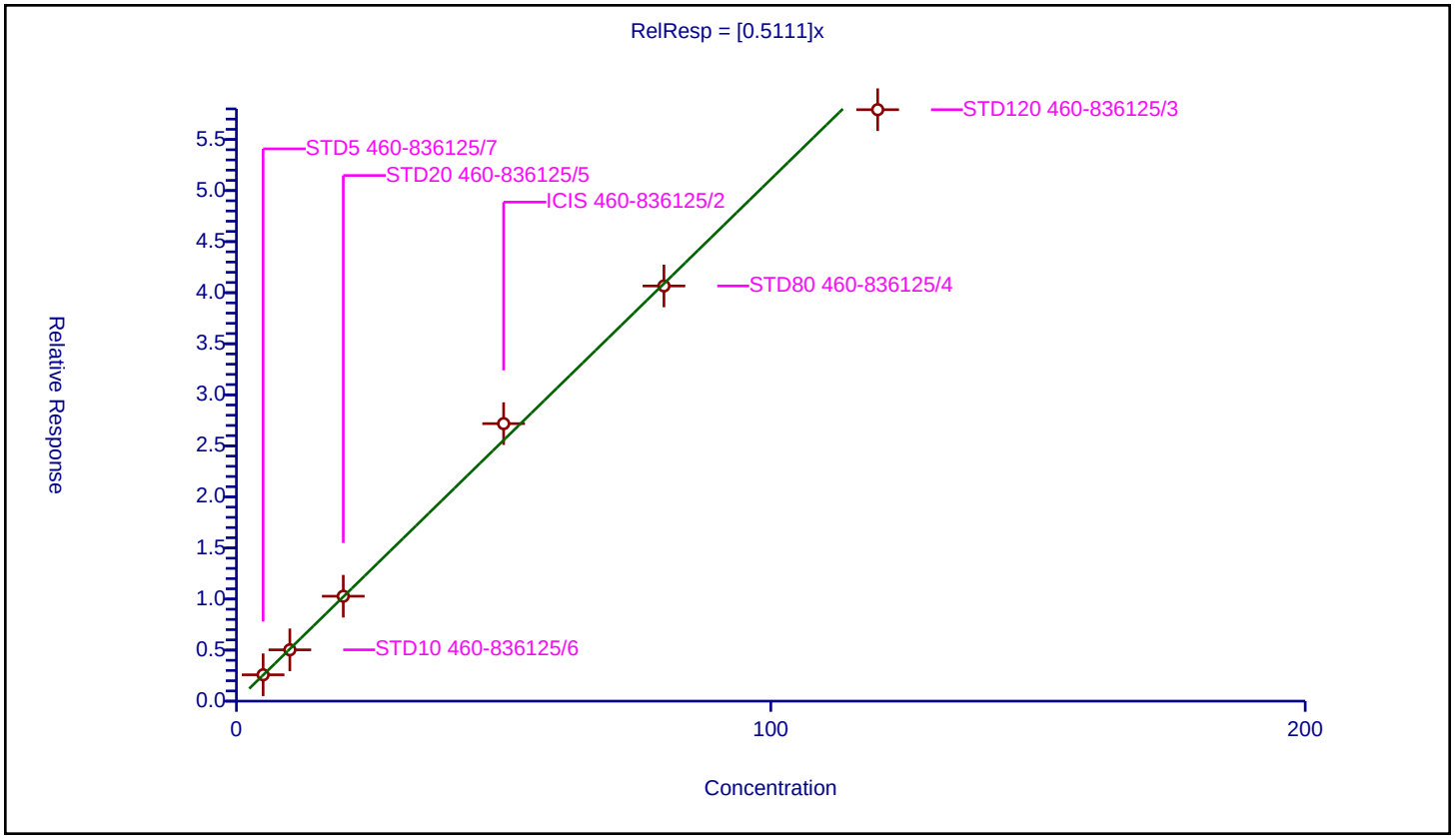
Curve Coefficients

Intercept:	0
Slope:	0.5111

Error Coefficients

Standard Error:	175000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.580078	40.0	225342.0	0.516016	Y
2	STD10 460-836125/6	10.0	5.02402	40.0	201496.0	0.502402	Y
3	STD20 460-836125/5	20.0	10.275033	40.0	207902.0	0.513752	Y
4	ICIS 460-836125/2	50.0	27.177649	40.0	194214.0	0.543553	Y
5	STD80 460-836125/4	80.0	40.659221	40.0	201632.0	0.50824	Y
6	STD120 460-836125/3	120.0	57.920879	40.0	206318.0	0.482674	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

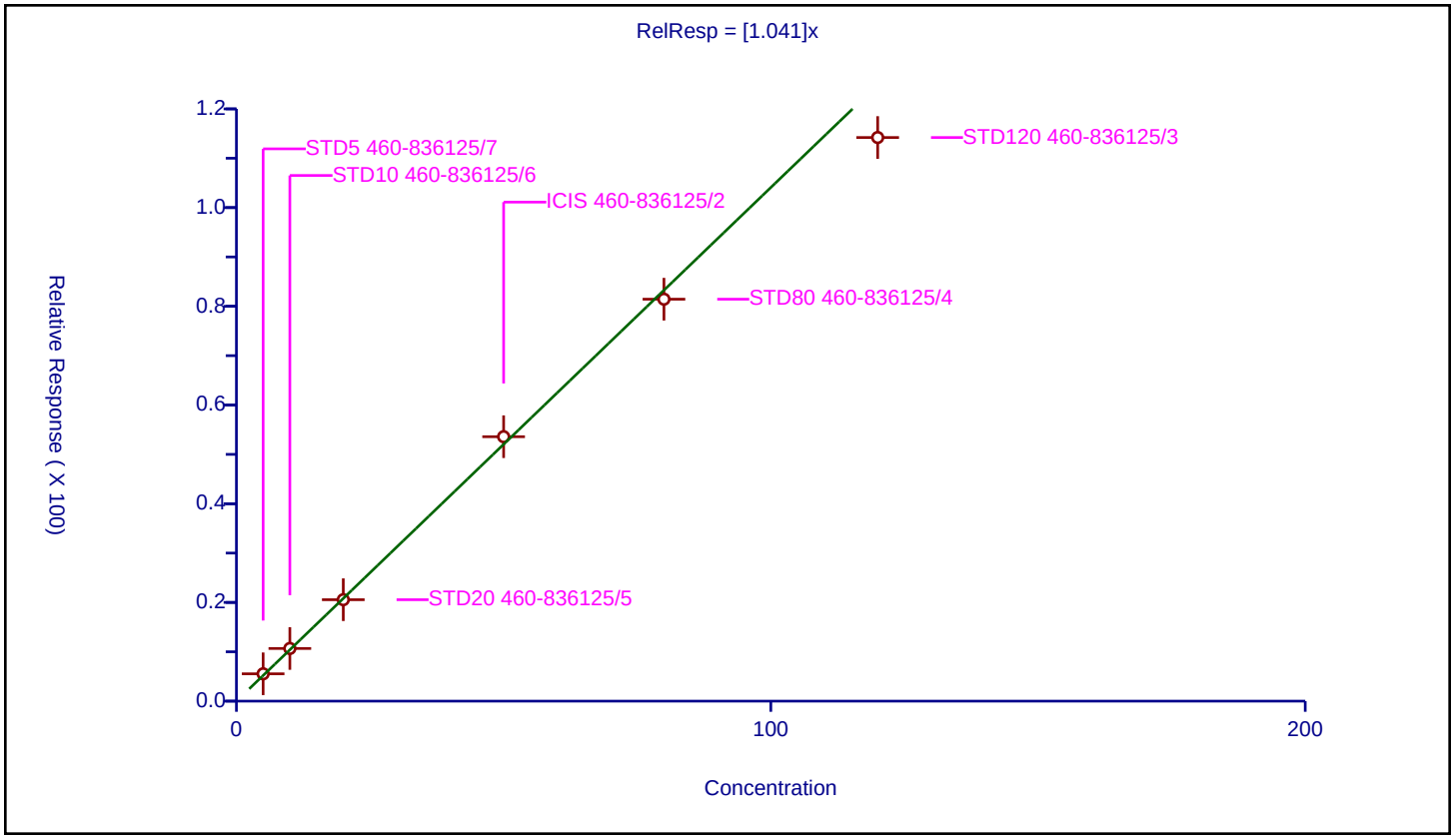
Curve Coefficients

Intercept:	0
Slope:	1.041

Error Coefficients

Standard Error:	346000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.540556	40.0	225342.0	1.108111	Y
2	STD10 460-836125/6	10.0	10.672569	40.0	201496.0	1.067257	Y
3	STD20 460-836125/5	20.0	20.554492	40.0	207902.0	1.027725	Y
4	ICIS 460-836125/2	50.0	53.581925	40.0	194214.0	1.071639	Y
5	STD80 460-836125/4	80.0	81.443422	40.0	201632.0	1.018043	Y
6	STD120 460-836125/3	120.0	114.200021	40.0	206318.0	0.951667	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

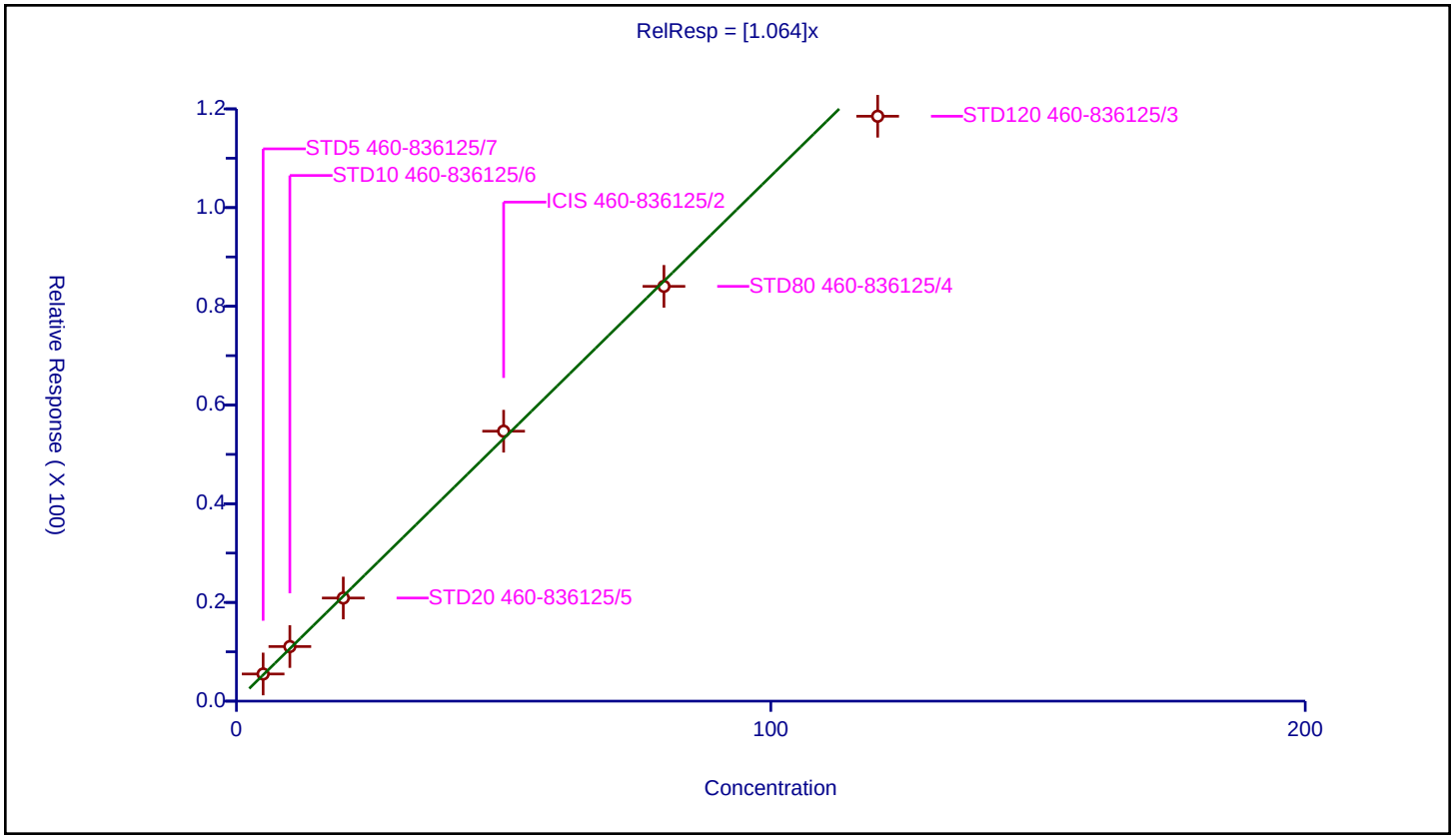
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	358000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.501149	40.0	225342.0	1.10023	Y
2	STD10 460-836125/6	10.0	11.057688	40.0	201496.0	1.105769	Y
3	STD20 460-836125/5	20.0	20.895229	40.0	207902.0	1.044761	Y
4	ICIS 460-836125/2	50.0	54.695954	40.0	194214.0	1.093919	Y
5	STD80 460-836125/4	80.0	84.040628	40.0	201632.0	1.050508	Y
6	STD120 460-836125/3	120.0	118.512975	40.0	206318.0	0.987608	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

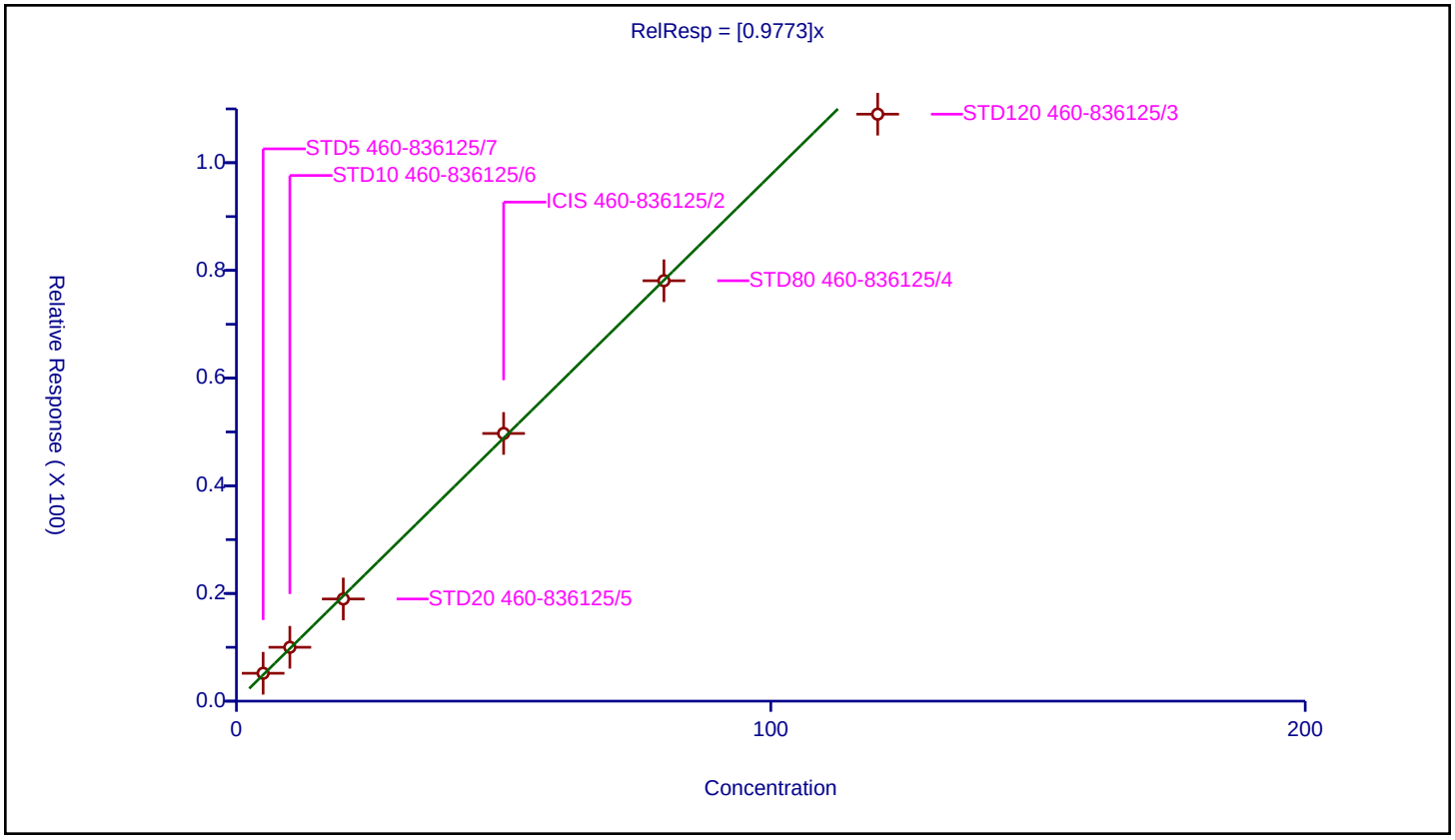
Curve Coefficients

Intercept:	0
Slope:	0.9773

Error Coefficients

Standard Error:	329000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.17915	40.0	225342.0	1.03583	Y
2	STD10 460-836125/6	10.0	10.004169	40.0	201496.0	1.000417	Y
3	STD20 460-836125/5	20.0	18.973555	40.0	207902.0	0.948678	Y
4	ICIS 460-836125/2	50.0	49.718352	40.0	194214.0	0.994367	Y
5	STD80 460-836125/4	80.0	78.082844	40.0	201632.0	0.976036	Y
6	STD120 460-836125/3	120.0	109.019669	40.0	206318.0	0.908497	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

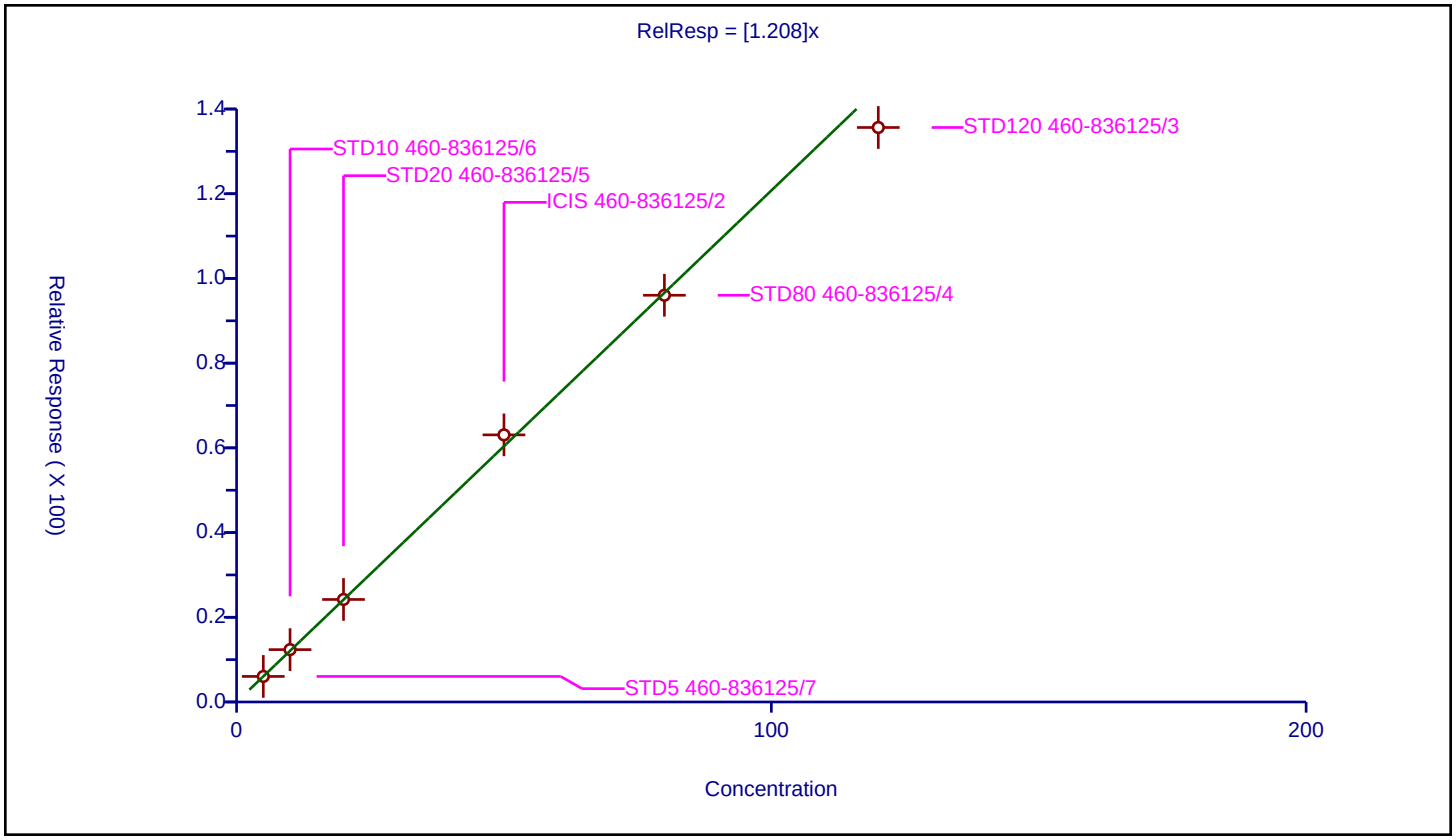
Curve Coefficients

Intercept:	0
Slope:	1.208

Error Coefficients

Standard Error:	409000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.034383	40.0	225342.0	1.206877	Y
2	STD10 460-836125/6	10.0	12.364315	40.0	201496.0	1.236431	Y
3	STD20 460-836125/5	20.0	24.205828	40.0	207902.0	1.210291	Y
4	ICIS 460-836125/2	50.0	63.066514	40.0	194214.0	1.26133	Y
5	STD80 460-836125/4	80.0	96.030987	40.0	201632.0	1.200387	Y
6	STD120 460-836125/3	120.0	135.639159	40.0	206318.0	1.130326	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

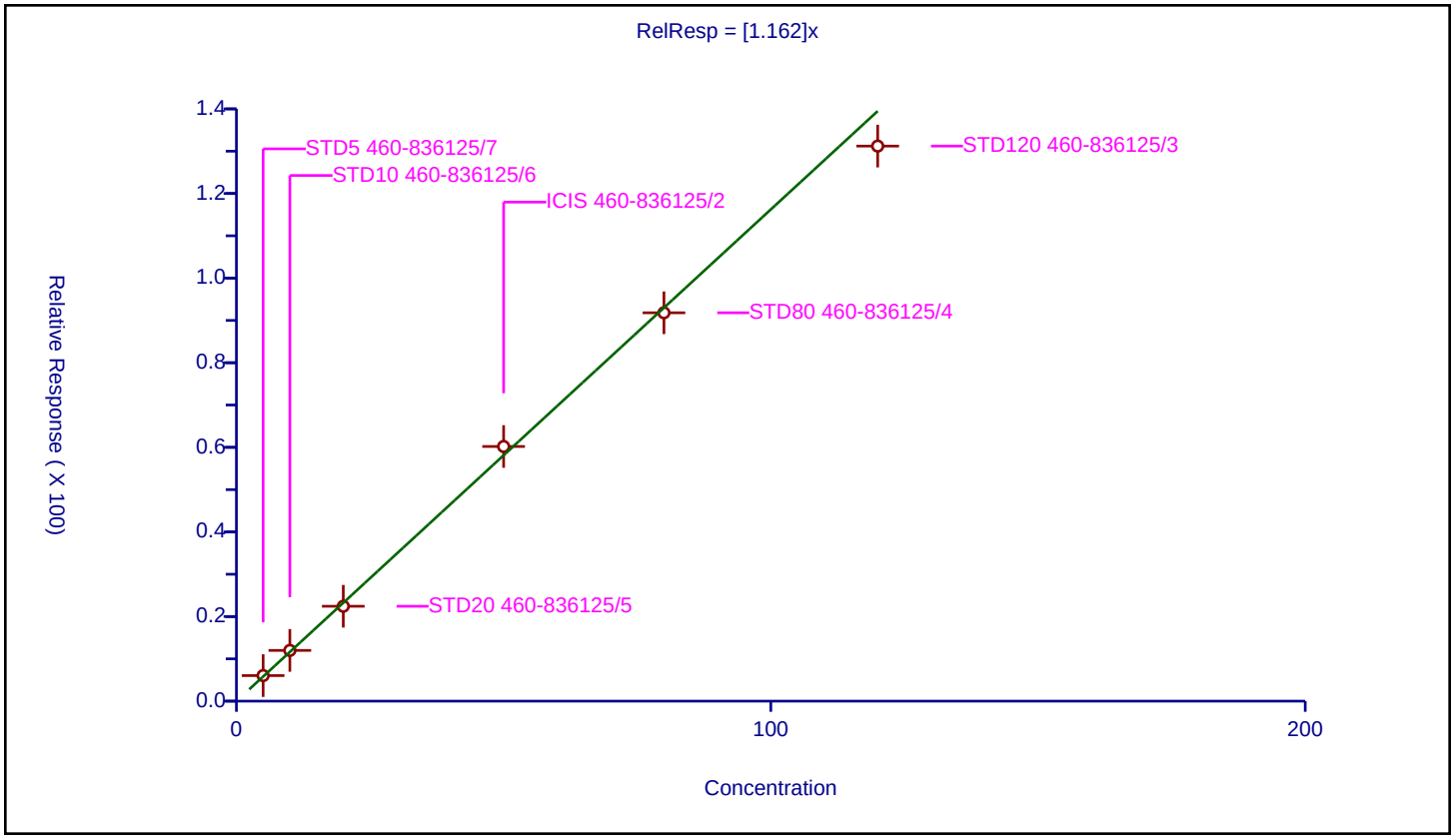
Curve Coefficients

Intercept:	0
Slope:	1.162

Error Coefficients

Standard Error:	394000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.042194	40.0	225342.0	1.208439	Y
2	STD10 460-836125/6	10.0	11.989121	40.0	201496.0	1.198912	Y
3	STD20 460-836125/5	20.0	22.429991	40.0	207902.0	1.1215	Y
4	ICIS 460-836125/2	50.0	60.196484	40.0	194214.0	1.20393	Y
5	STD80 460-836125/4	80.0	91.804475	40.0	201632.0	1.147556	Y
6	STD120 460-836125/3	120.0	131.210849	40.0	206318.0	1.093424	Y



Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

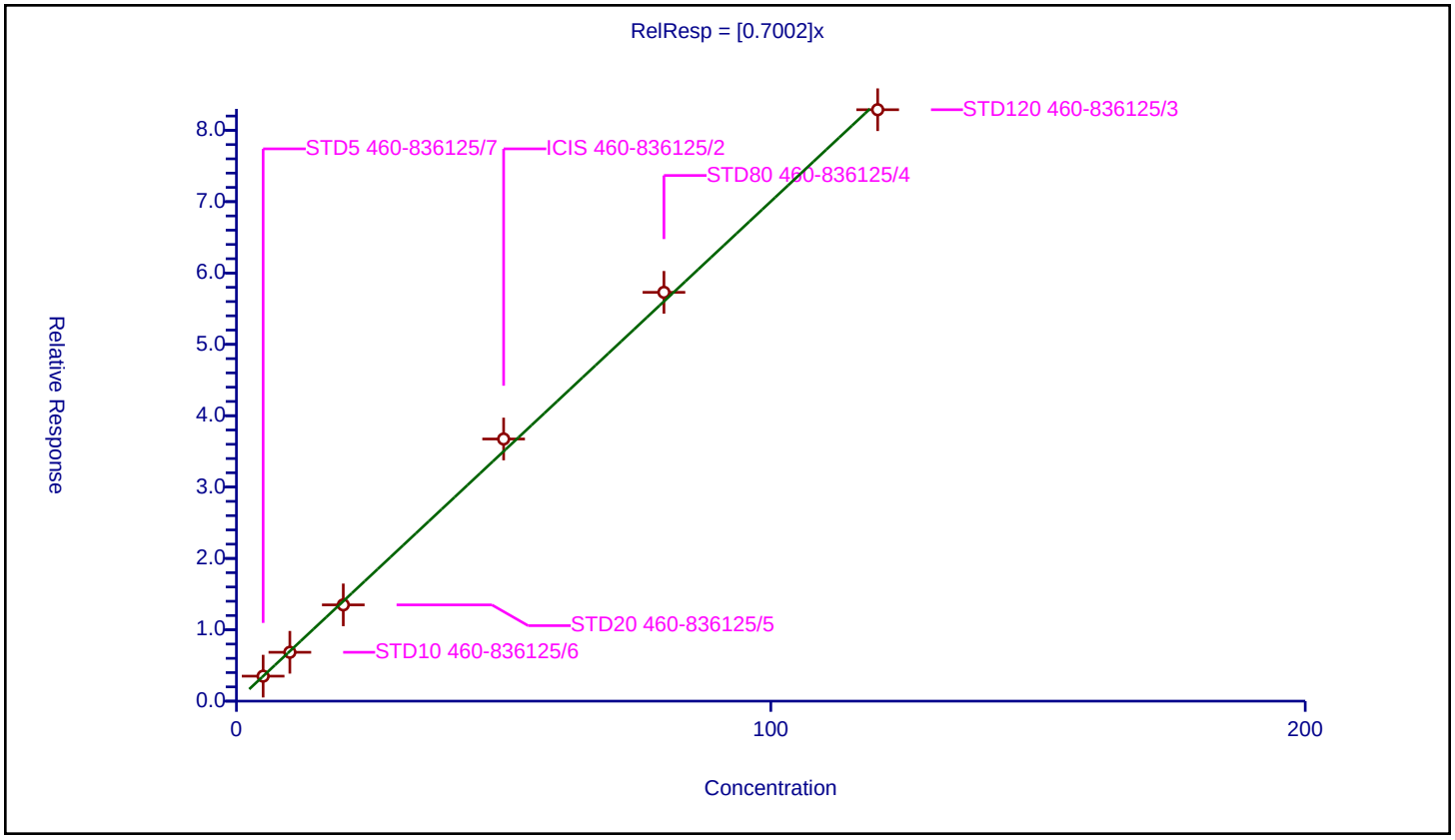
Curve Coefficients

Intercept:	0
Slope:	0.7002

Error Coefficients

Standard Error:	247000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.501345	40.0	225342.0	0.700269	Y
2	STD10 460-836125/6	10.0	6.847779	40.0	201496.0	0.684778	Y
3	STD20 460-836125/5	20.0	13.490202	40.0	207902.0	0.67451	Y
4	ICIS 460-836125/2	50.0	36.739679	40.0	194214.0	0.734794	Y
5	STD80 460-836125/4	80.0	57.295271	40.0	201632.0	0.716191	Y
6	STD120 460-836125/3	120.0	82.885255	40.0	206318.0	0.69071	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

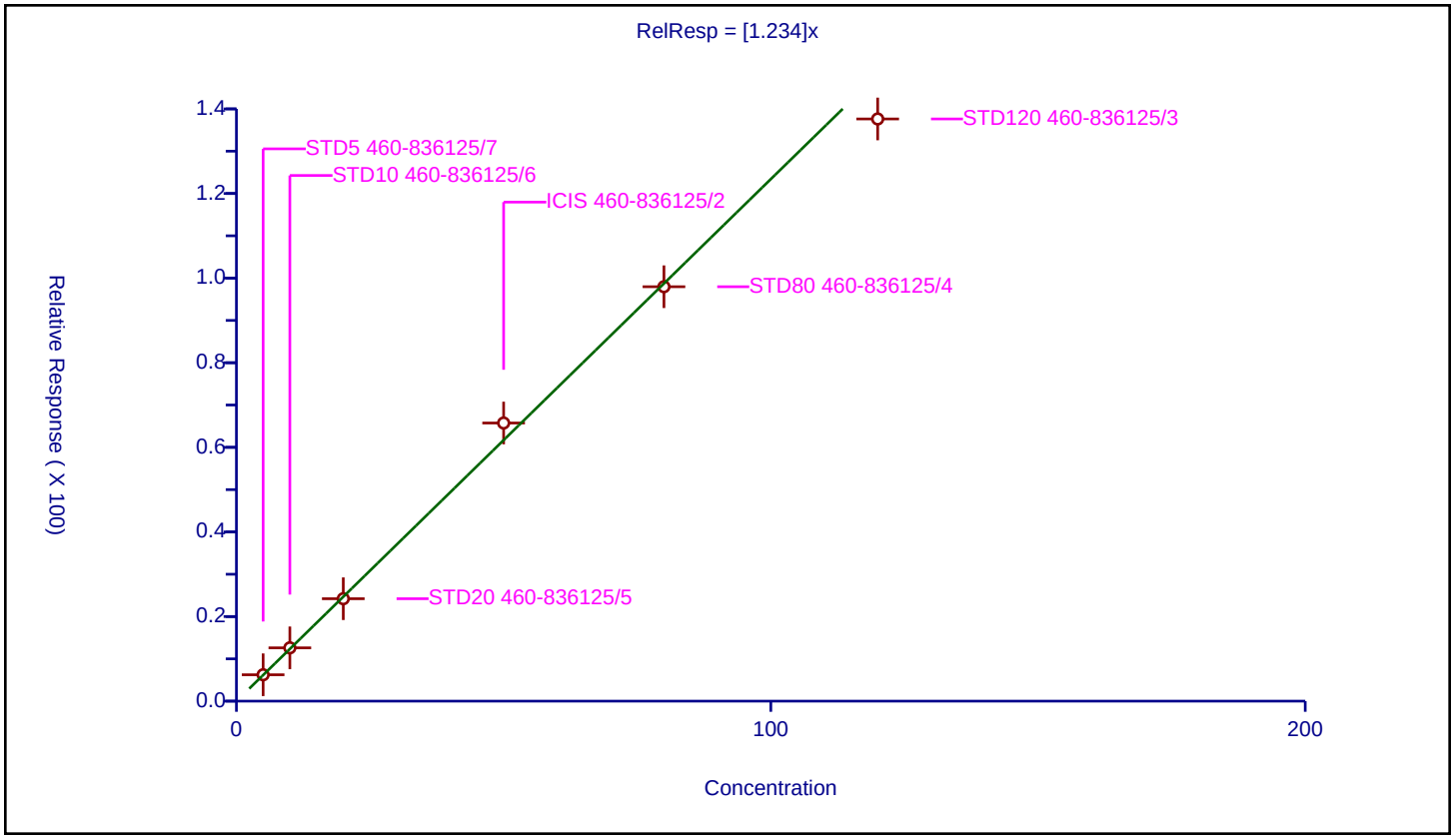
Curve Coefficients

Intercept:	0
Slope:	1.234

Error Coefficients

Standard Error:	405000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	6.234786	40.0	223642.0	1.246957	Y
2	STD10 460-836125/6	10.0	12.601351	40.0	194868.0	1.260135	Y
3	STD20 460-836125/5	20.0	24.209948	40.0	200240.0	1.210497	Y
4	ICIS 460-836125/2	50.0	65.74578	40.0	182708.0	1.314916	Y
5	STD80 460-836125/4	80.0	97.963914	40.0	197251.0	1.224549	Y
6	STD120 460-836125/3	120.0	137.620349	40.0	200500.0	1.146836	Y



Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

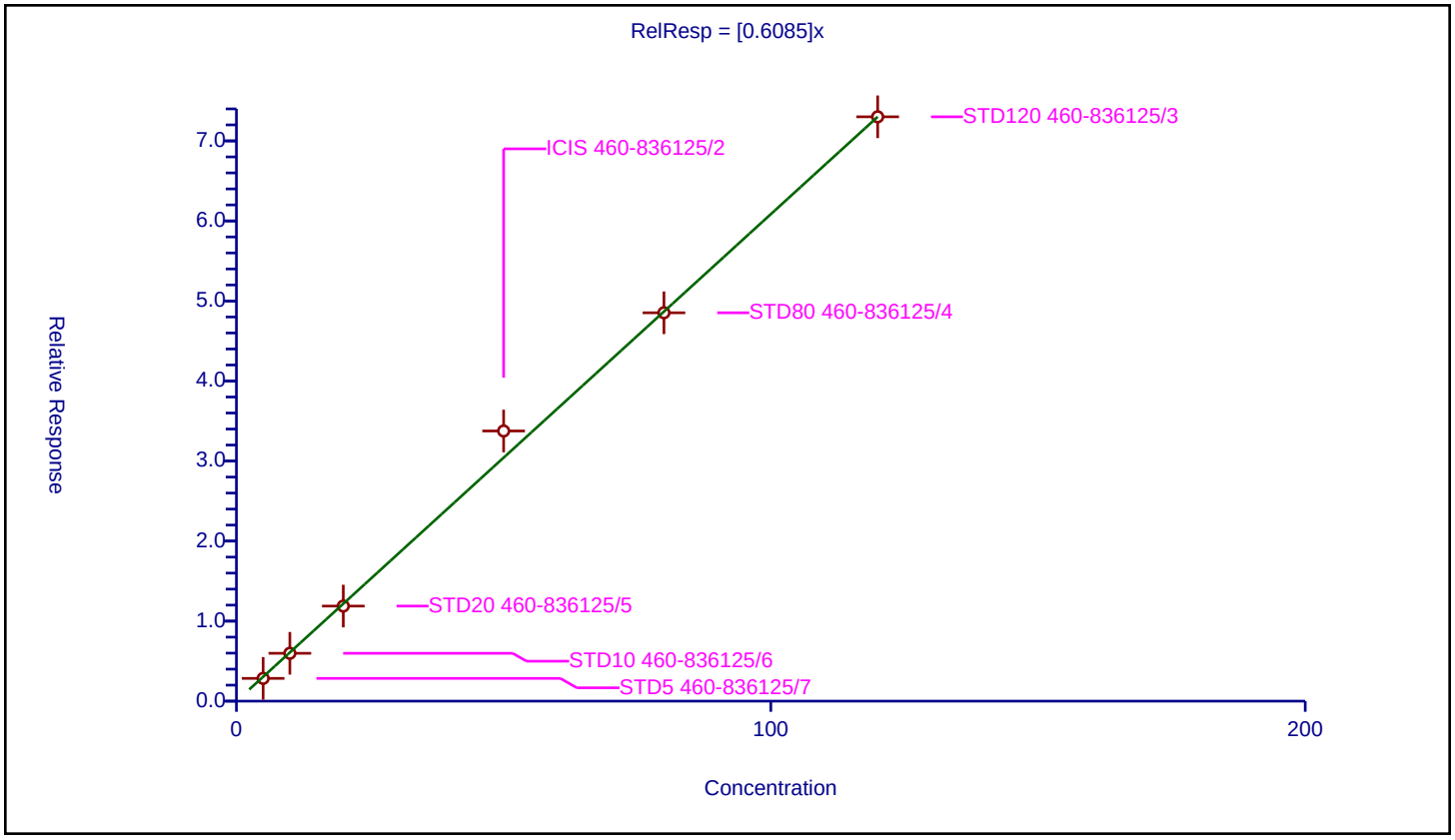
Curve Coefficients

Intercept:	0
Slope:	0.6085

Error Coefficients

Standard Error:	210000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.84401	40.0	223642.0	0.568802	Y
2	STD10 460-836125/6	10.0	5.979432	40.0	194868.0	0.597943	Y
3	STD20 460-836125/5	20.0	11.877347	40.0	200240.0	0.593867	Y
4	ICIS 460-836125/2	50.0	33.754844	40.0	182708.0	0.675097	Y
5	STD80 460-836125/4	80.0	48.525787	40.0	197251.0	0.606572	Y
6	STD120 460-836125/3	120.0	73.010873	40.0	200500.0	0.608424	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

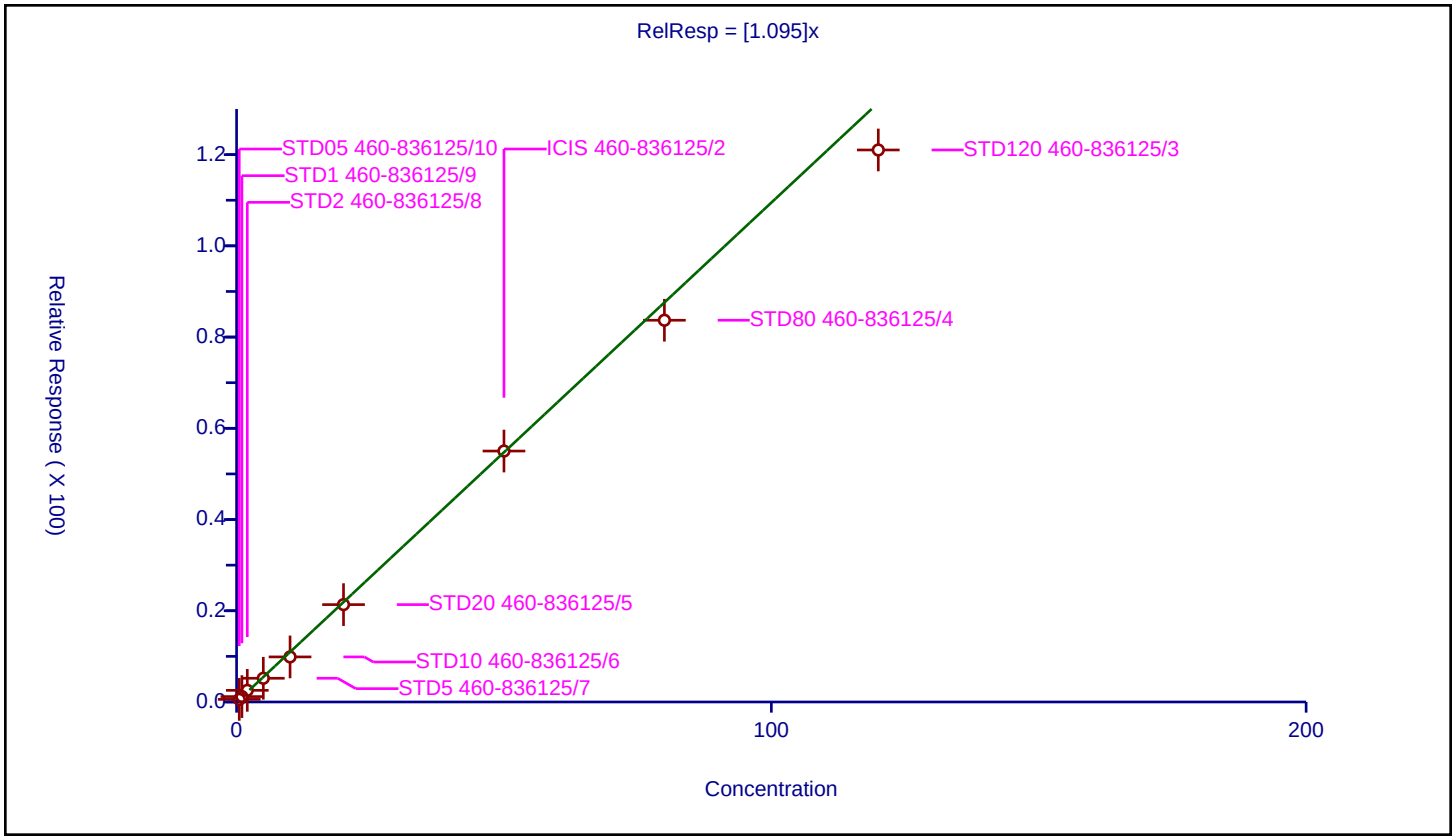
Curve Coefficients

Intercept:	0
Slope:	1.095

Error Coefficients

Standard Error:	277000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.571486	40.0	207179.0	1.142973	Y
2	STD1 460-836125/9	1.0	1.184179	40.0	207266.0	1.184179	Y
3	STD2 460-836125/8	2.0	2.549237	40.0	206603.0	1.274618	Y
4	STD5 460-836125/7	5.0	5.201527	40.0	223642.0	1.040305	Y
5	STD10 460-836125/6	10.0	9.88464	40.0	194868.0	0.988464	Y
6	STD20 460-836125/5	20.0	21.348382	40.0	200240.0	1.067419	Y
7	ICIS 460-836125/2	50.0	55.017186	40.0	182708.0	1.100344	Y
8	STD80 460-836125/4	80.0	83.691946	40.0	197251.0	1.046149	Y
9	STD120 460-836125/3	120.0	121.021247	40.0	200500.0	1.00851	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

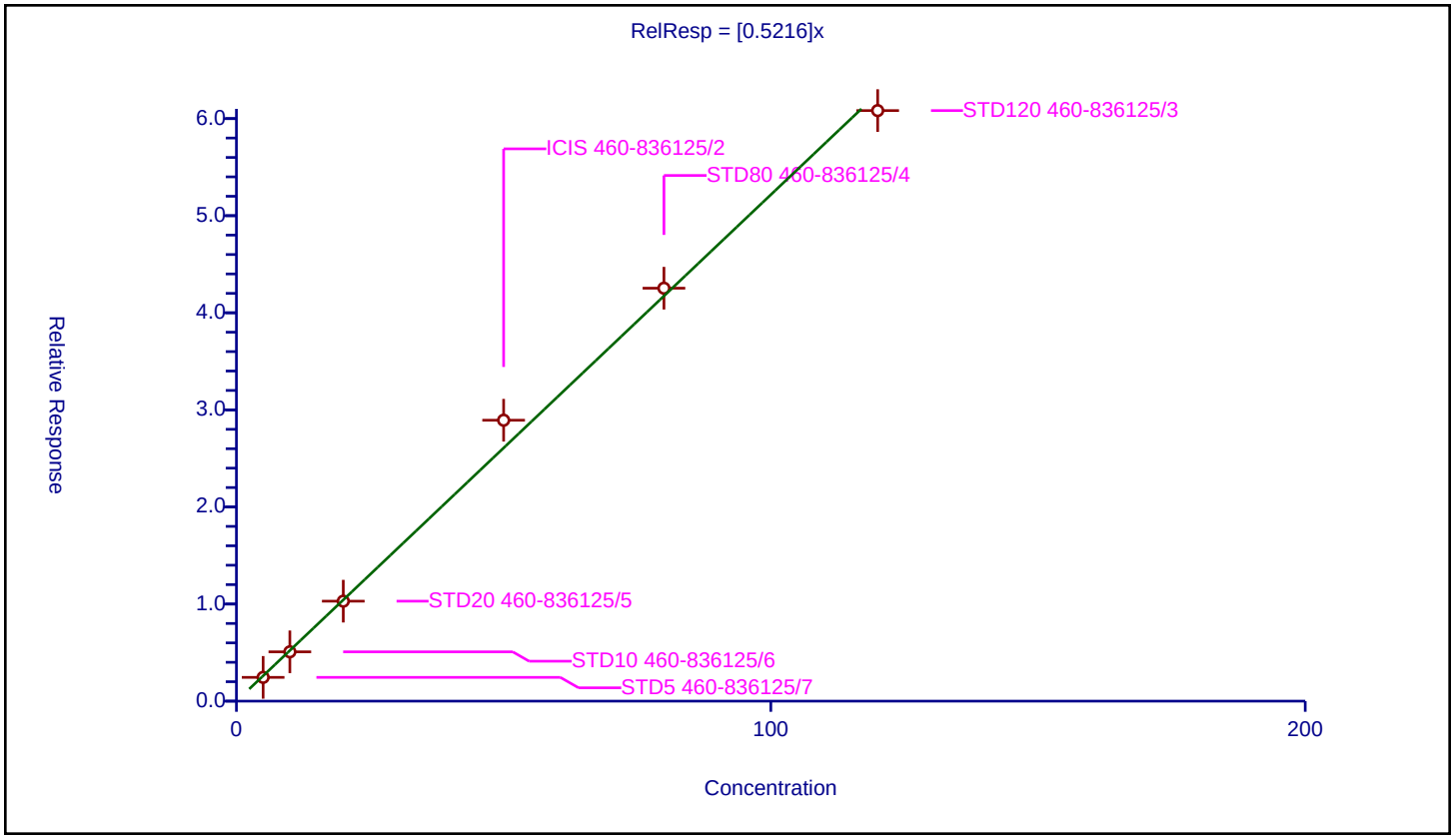
Curve Coefficients

Intercept:	0
Slope:	0.5216

Error Coefficients

Standard Error:	178000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	2.447662	40.0	223642.0	0.489532	Y
2	STD10 460-836125/6	10.0	5.079952	40.0	194868.0	0.507995	Y
3	STD20 460-836125/5	20.0	10.295445	40.0	200240.0	0.514772	Y
4	ICIS 460-836125/2	50.0	28.93535	40.0	182708.0	0.578707	Y
5	STD80 460-836125/4	80.0	42.532814	40.0	197251.0	0.53166	Y
6	STD120 460-836125/3	120.0	60.82414	40.0	200500.0	0.506868	Y



Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

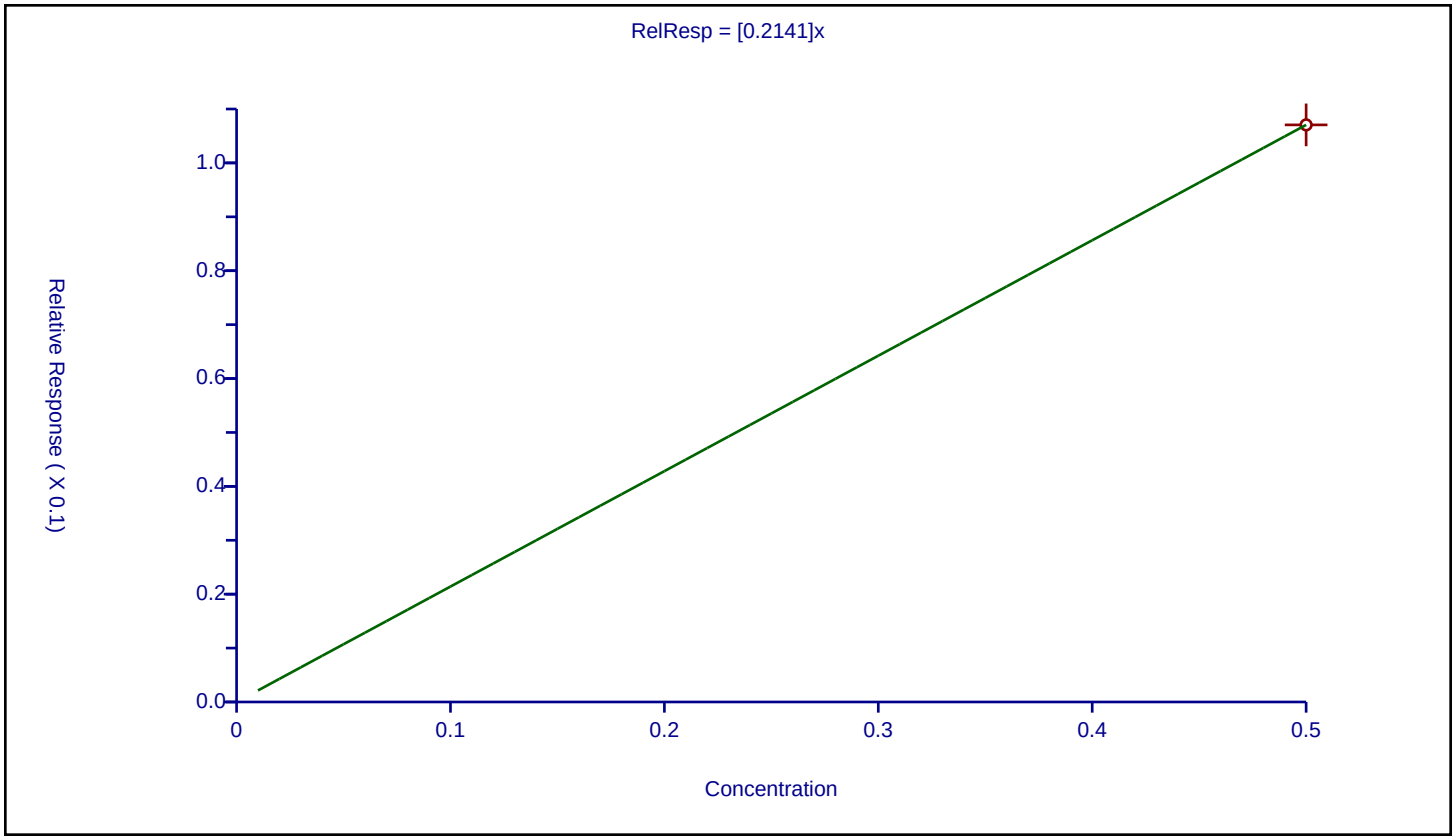
Curve Coefficients

Intercept:	0
Slope:	0.2141

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-836125/2	0.5	0.107056	40.0	182708.0	0.214112	Y



Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

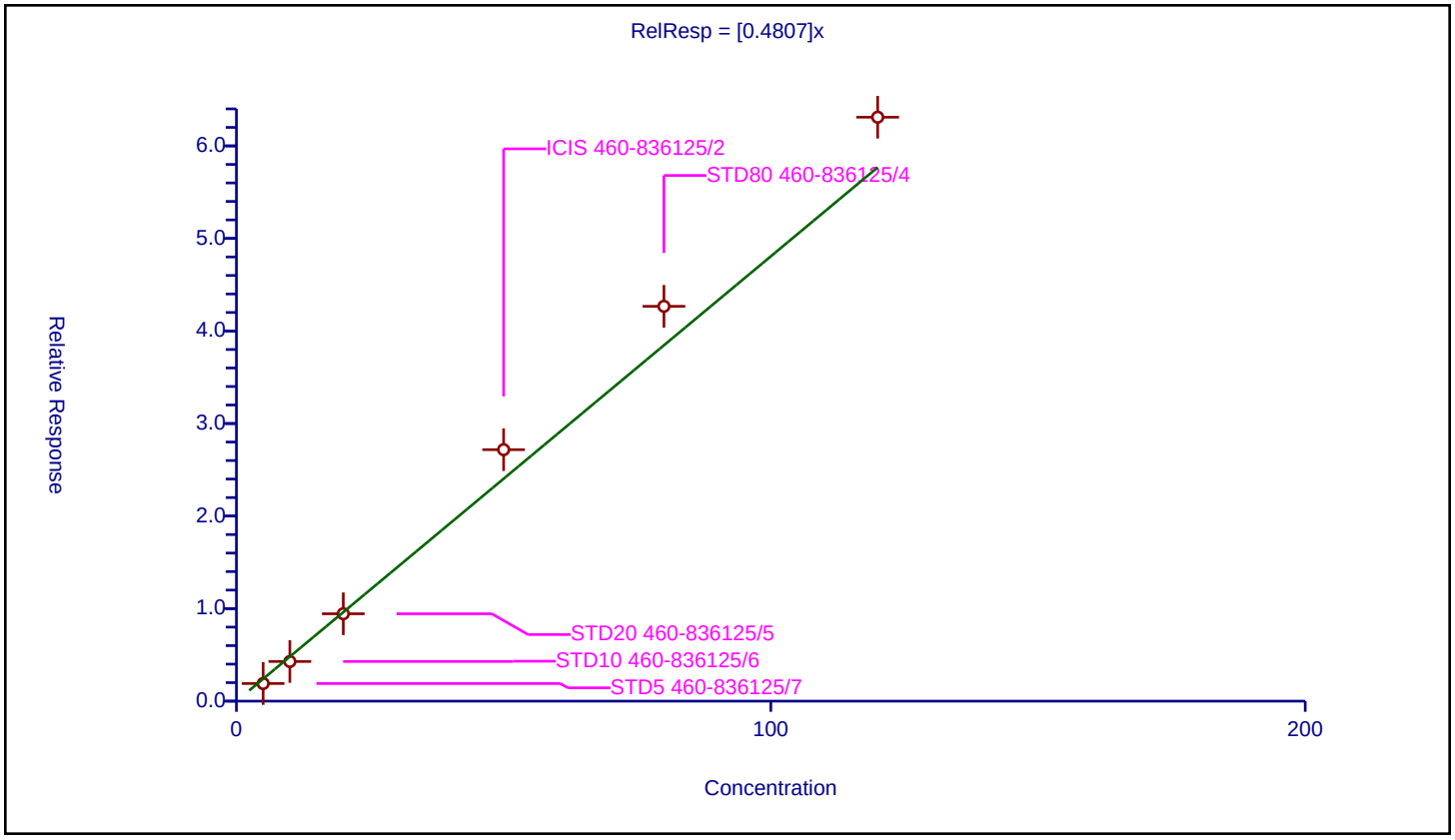
Curve Coefficients

Intercept:	0
Slope:	0.4807

Error Coefficients

Standard Error:	180000
Relative Standard Error:	13.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	1.904472	40.0	223642.0	0.380894	Y
2	STD10 460-836125/6	10.0	4.284747	40.0	194868.0	0.428475	Y
3	STD20 460-836125/5	20.0	9.440671	40.0	200240.0	0.472034	Y
4	ICIS 460-836125/2	50.0	27.174508	40.0	182708.0	0.54349	Y
5	STD80 460-836125/4	80.0	42.667464	40.0	197251.0	0.533343	Y
6	STD120 460-836125/3	120.0	63.101845	40.0	200500.0	0.525849	Y



Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

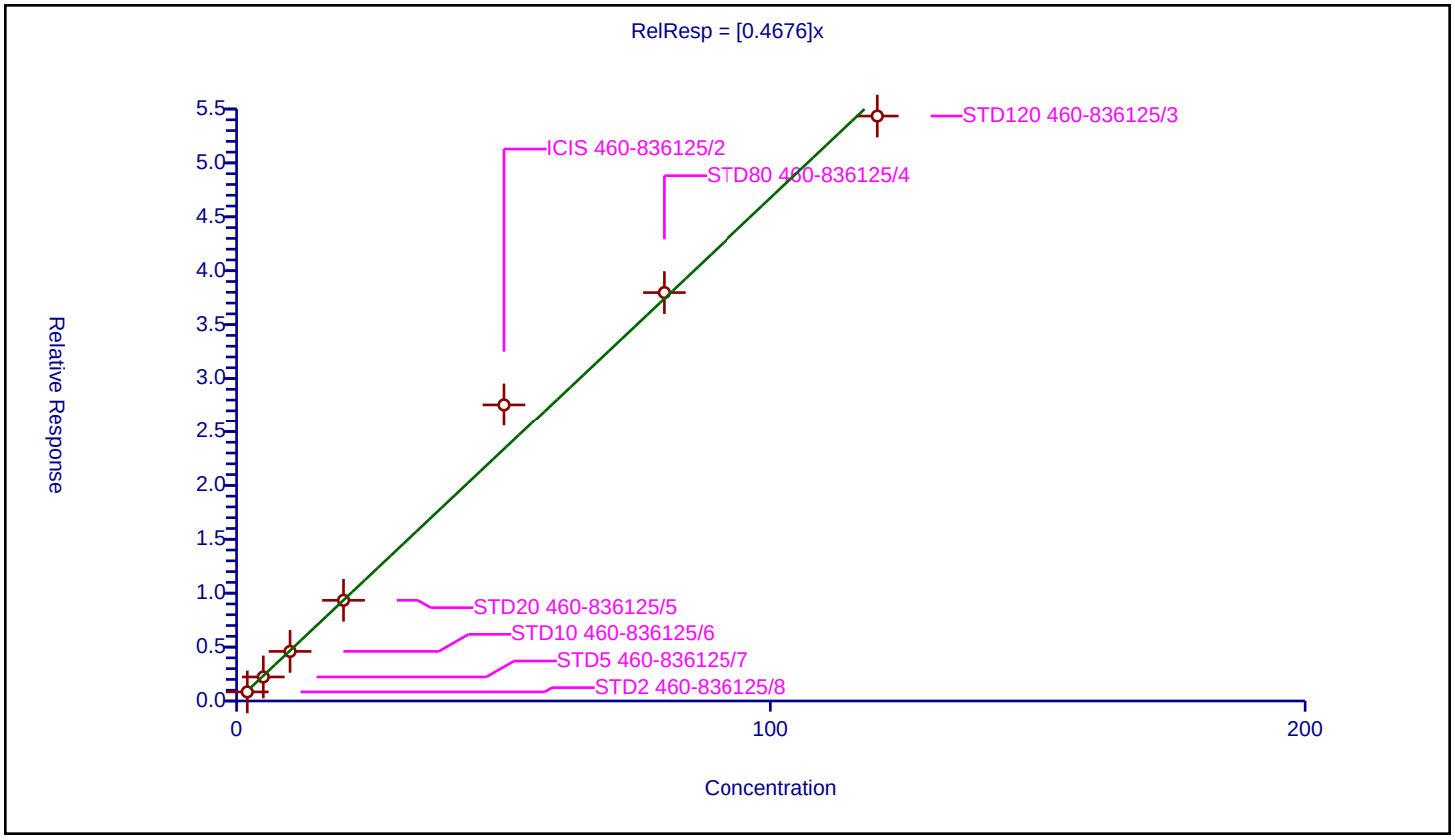
Curve Coefficients

Intercept:	0
Slope:	0.4676

Error Coefficients

Standard Error:	146000
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-836125/8	2.0	0.843357	40.0	206603.0	0.421678	Y
2	STD5 460-836125/7	5.0	2.229098	40.0	223642.0	0.44582	Y
3	STD10 460-836125/6	10.0	4.5986	40.0	194868.0	0.45986	Y
4	STD20 460-836125/5	20.0	9.338194	40.0	200240.0	0.46691	Y
5	ICIS 460-836125/2	50.0	27.552817	40.0	182708.0	0.551056	Y
6	STD80 460-836125/4	80.0	37.973749	40.0	197251.0	0.474672	Y
7	STD120 460-836125/3	120.0	54.347132	40.0	200500.0	0.452893	Y



Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

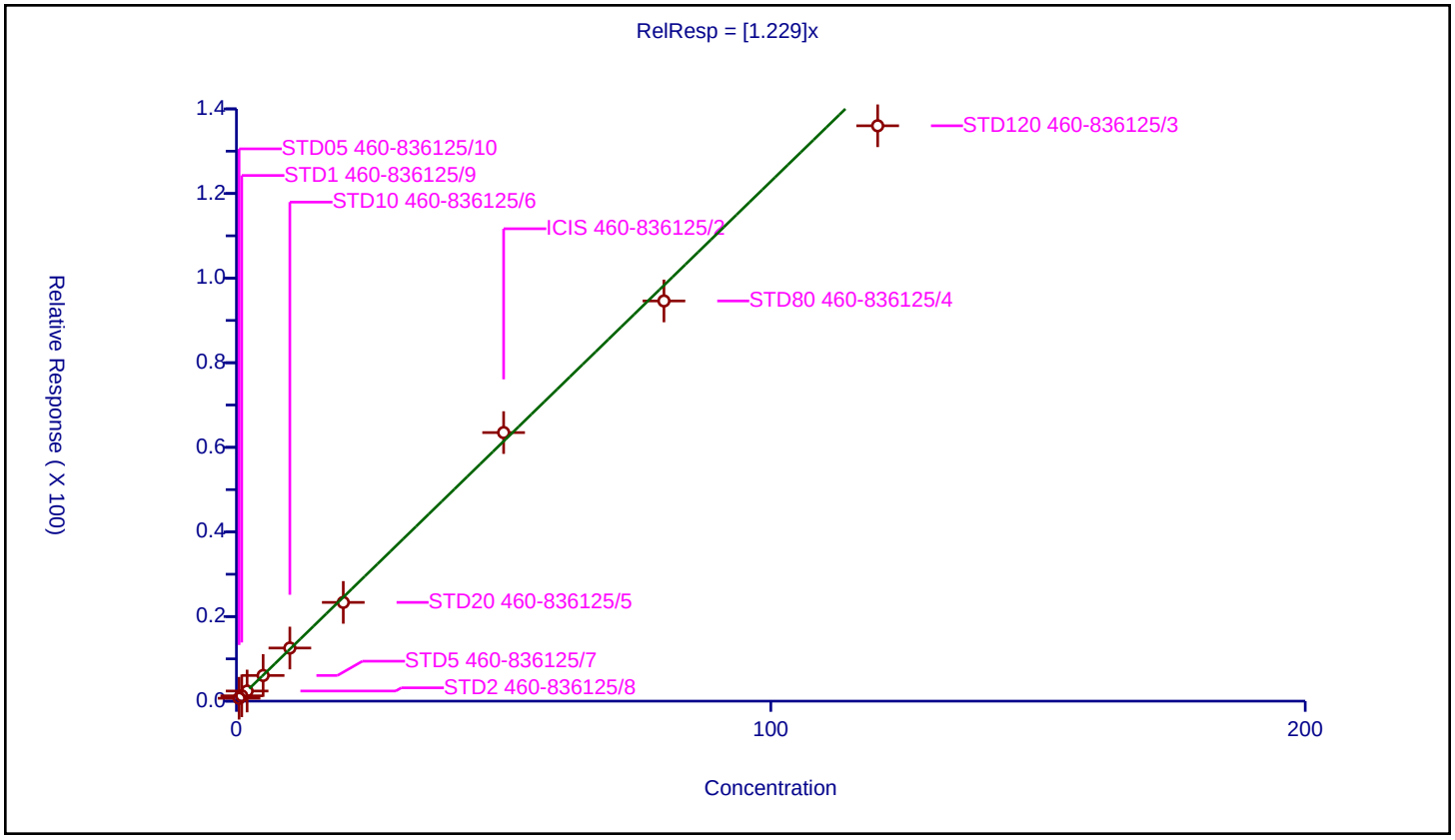
Curve Coefficients

Intercept:	0
Slope:	1.229

Error Coefficients

Standard Error:	313000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.685591	40.0	207179.0	1.371181	Y
2	STD1 460-836125/9	1.0	1.265427	40.0	207266.0	1.265427	Y
3	STD2 460-836125/8	2.0	2.396674	40.0	206603.0	1.198337	Y
4	STD5 460-836125/7	5.0	6.065945	40.0	223642.0	1.213189	Y
5	STD10 460-836125/6	10.0	12.558245	40.0	194868.0	1.255824	Y
6	STD20 460-836125/5	20.0	23.342189	40.0	200240.0	1.167109	Y
7	ICIS 460-836125/2	50.0	63.485781	40.0	182708.0	1.269716	Y
8	STD80 460-836125/4	80.0	94.602917	40.0	197251.0	1.182536	Y
9	STD120 460-836125/3	120.0	136.007581	40.0	200500.0	1.133397	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

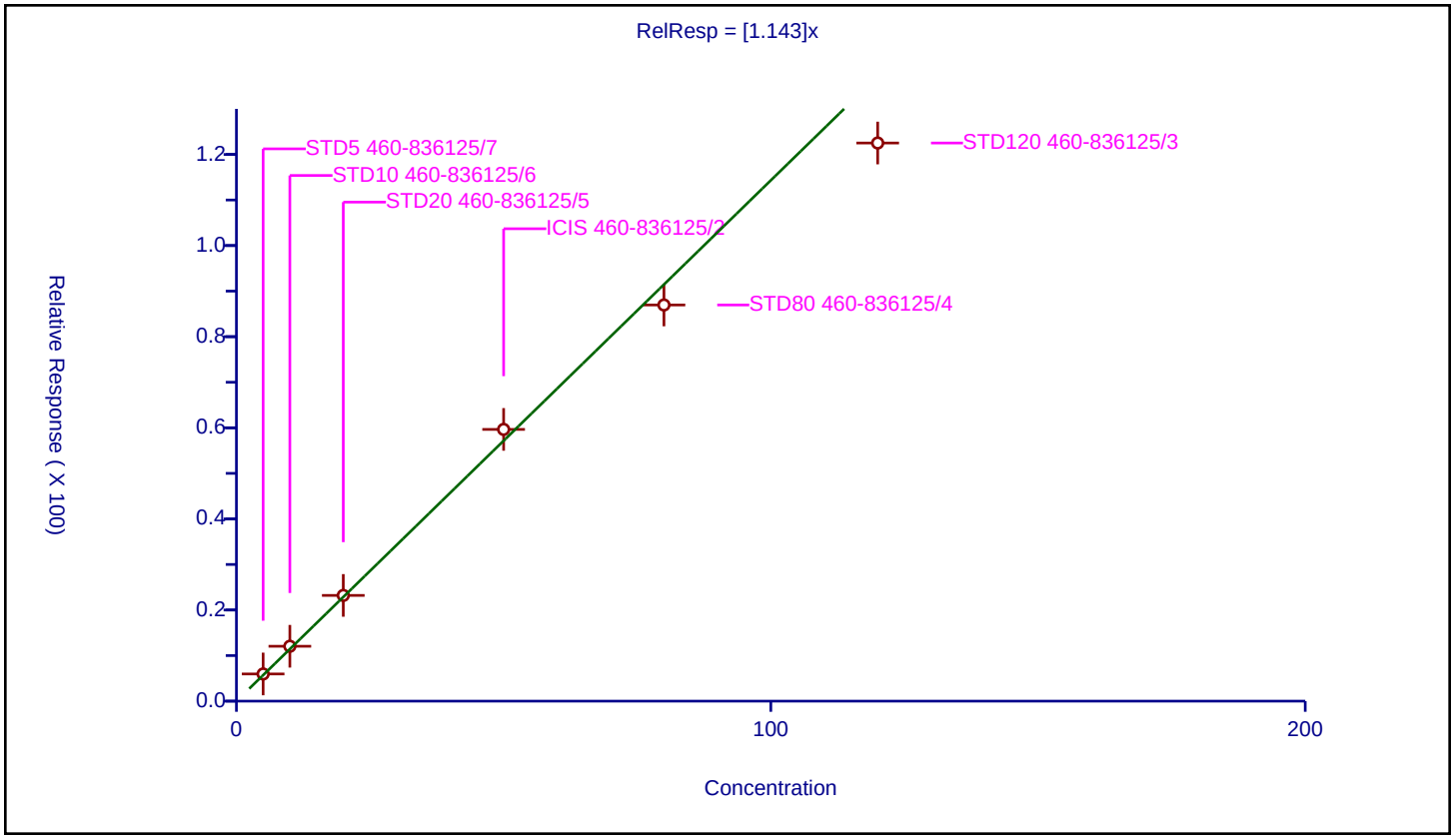
Curve Coefficients

Intercept:	0
Slope:	1.143

Error Coefficients

Standard Error:	361000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.965248	40.0	223642.0	1.19305	Y
2	STD10 460-836125/6	10.0	12.047335	40.0	194868.0	1.204733	Y
3	STD20 460-836125/5	20.0	23.203755	40.0	200240.0	1.160188	Y
4	ICIS 460-836125/2	50.0	59.645993	40.0	182708.0	1.19292	Y
5	STD80 460-836125/4	80.0	86.957024	40.0	197251.0	1.086963	Y
6	STD120 460-836125/3	120.0	122.512718	40.0	200500.0	1.020939	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

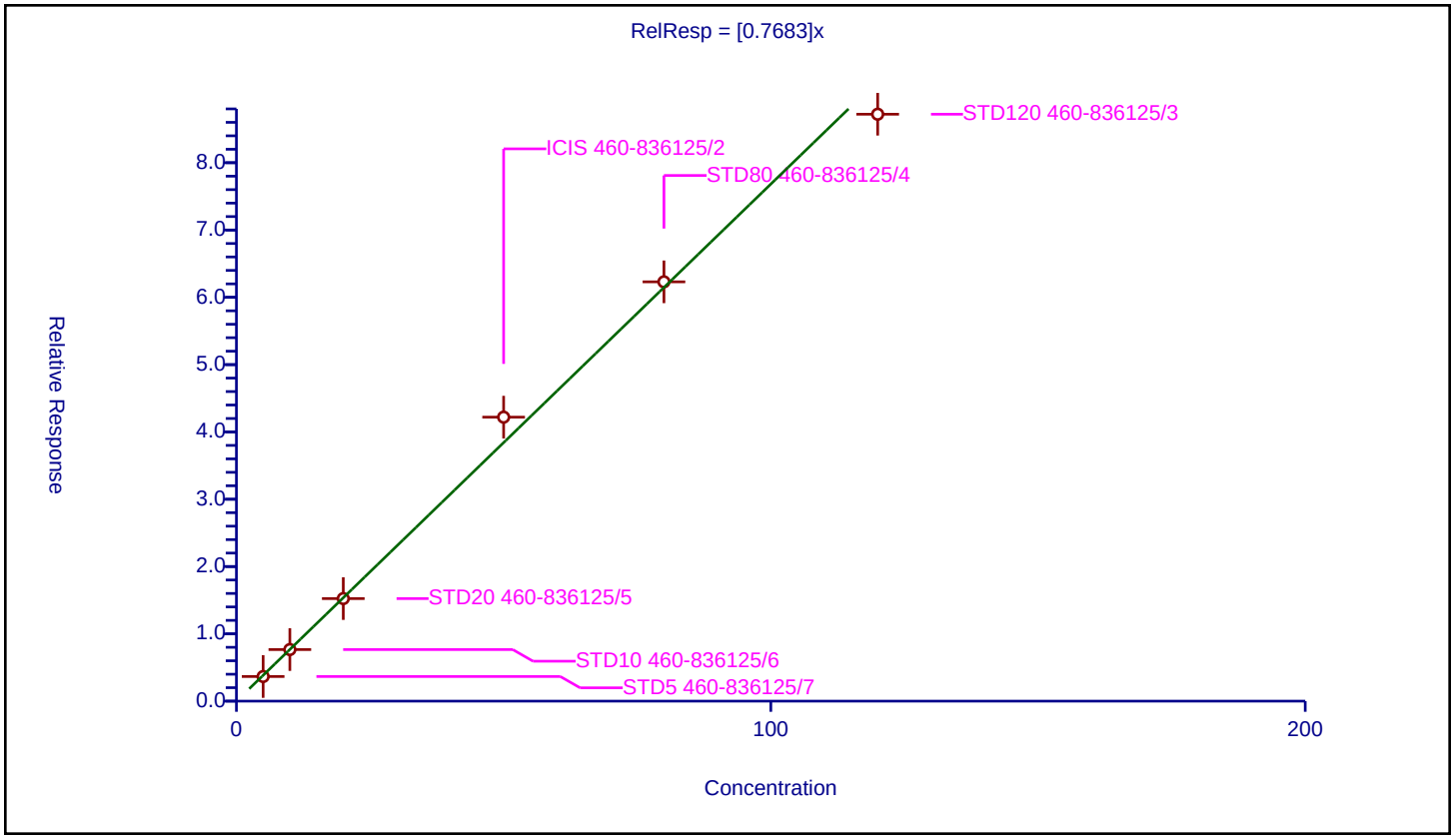
Curve Coefficients

Intercept:	0
Slope:	0.7683

Error Coefficients

Standard Error:	257000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	3.659241	40.0	223642.0	0.731848	Y
2	STD10 460-836125/6	10.0	7.663855	40.0	194868.0	0.766385	Y
3	STD20 460-836125/5	20.0	15.238114	40.0	200240.0	0.761906	Y
4	ICIS 460-836125/2	50.0	42.197386	40.0	182708.0	0.843948	Y
5	STD80 460-836125/4	80.0	62.305793	40.0	197251.0	0.778822	Y
6	STD120 460-836125/3	120.0	87.209975	40.0	200500.0	0.72675	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

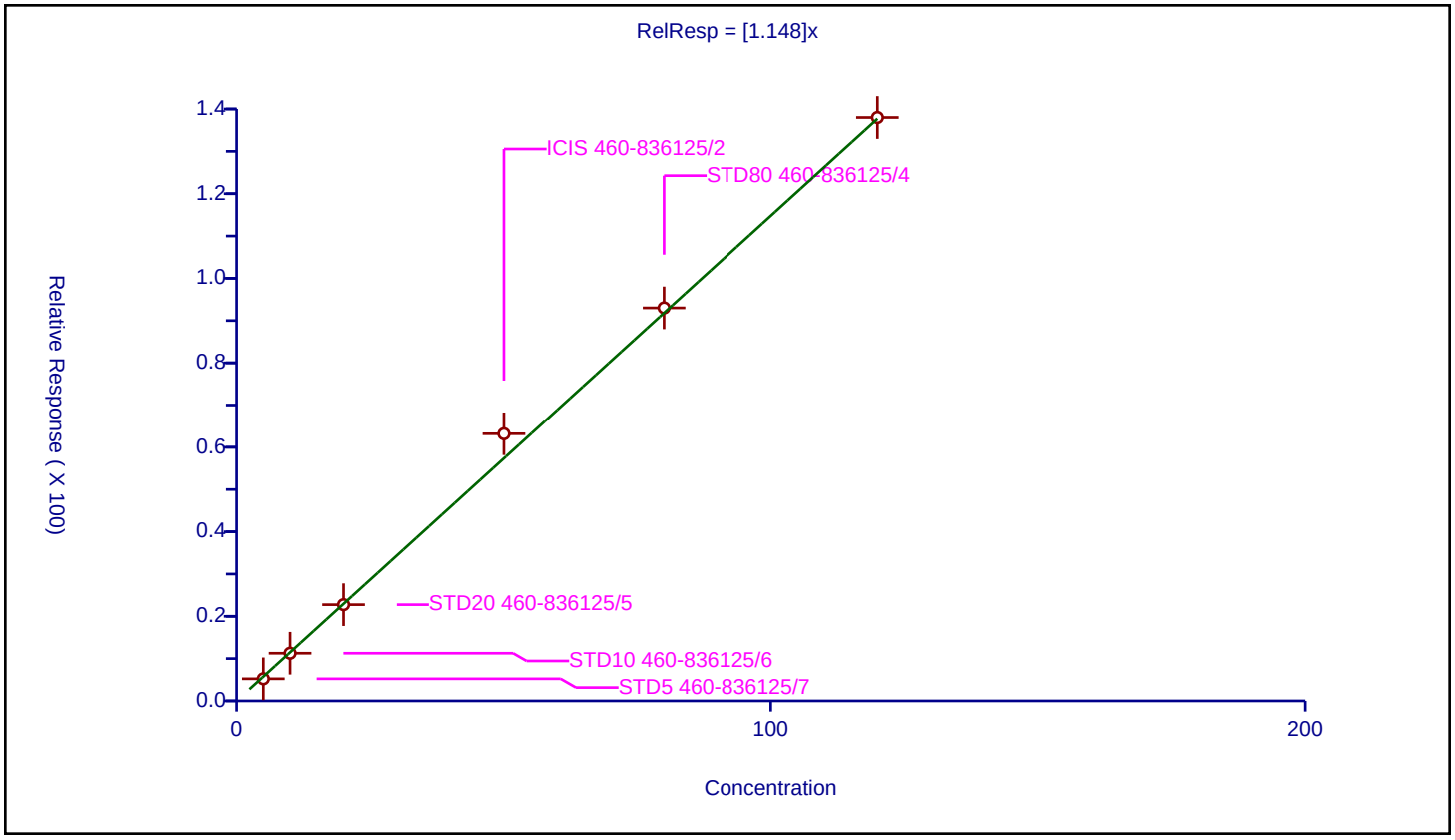
Curve Coefficients

Intercept:	0
Slope:	1.148

Error Coefficients

Standard Error:	460000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.223373	40.0	256746.0	1.044675	Y
2	STD10 460-836125/6	10.0	11.268438	40.0	230772.0	1.126844	Y
3	STD20 460-836125/5	20.0	22.75097	40.0	229599.0	1.137549	Y
4	ICIS 460-836125/2	50.0	63.196367	40.0	215770.0	1.263927	Y
5	STD80 460-836125/4	80.0	92.998515	40.0	229577.0	1.162481	Y
6	STD120 460-836125/3	120.0	137.990392	40.0	230652.0	1.14992	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

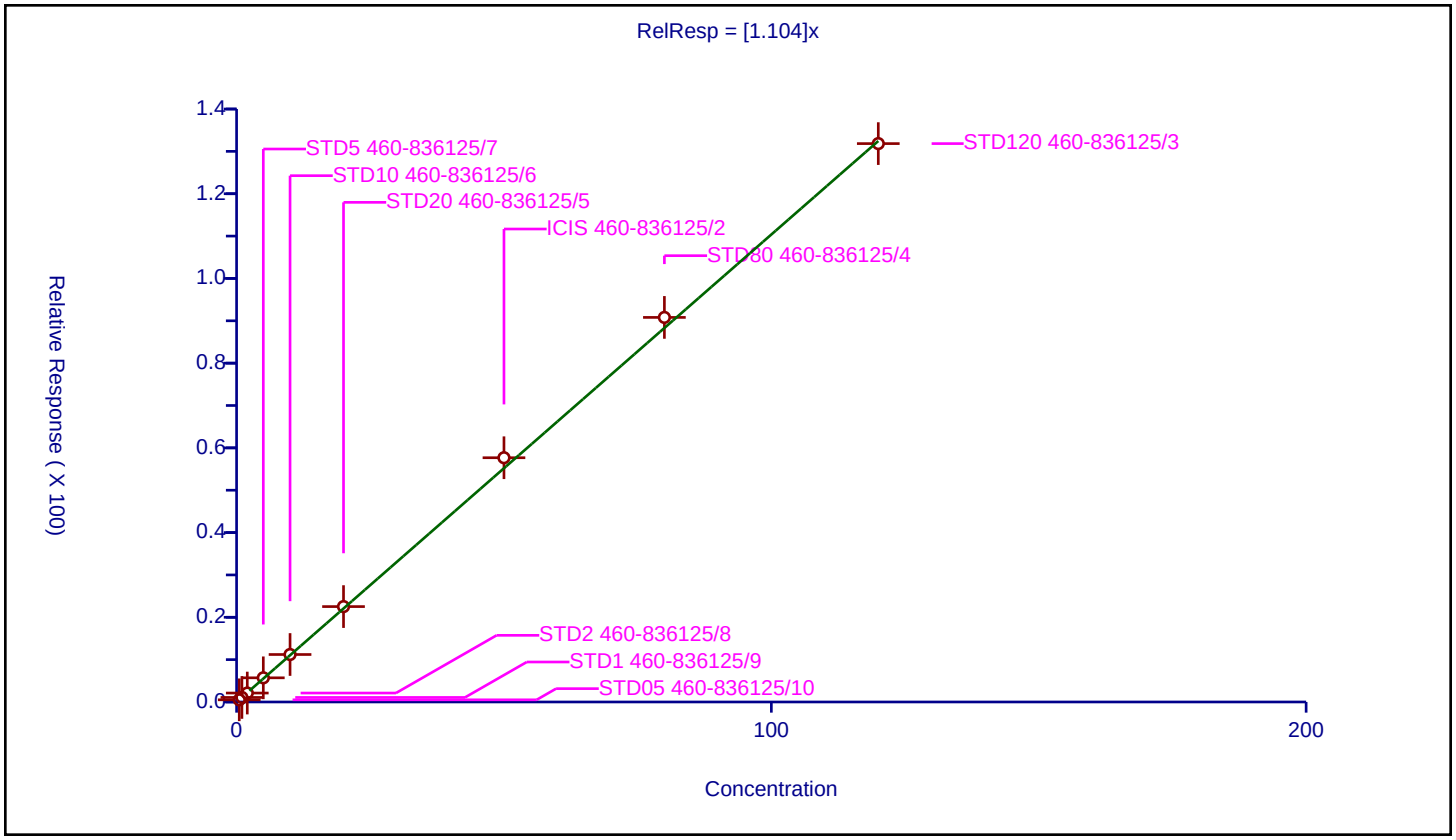
Curve Coefficients

Intercept:	0
Slope:	1.104

Error Coefficients

Standard Error:	348000
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	STD05 460-836125/10	0.5	0.515362	40.0	244333.0	1.030724	Y
2	STD1 460-836125/9	1.0	1.071612	40.0	242849.0	1.071612	Y
3	STD2 460-836125/8	2.0	2.111435	40.0	241864.0	1.055717	Y
4	STD5 460-836125/7	5.0	5.70634	40.0	256746.0	1.141268	Y
5	STD10 460-836125/6	10.0	11.209505	40.0	230772.0	1.120951	Y
6	STD20 460-836125/5	20.0	22.524837	40.0	229599.0	1.126242	Y
7	ICIS 460-836125/2	50.0	57.665106	40.0	215770.0	1.153302	Y
8	STD80 460-836125/4	80.0	90.797249	40.0	229577.0	1.134966	Y
9	STD120 460-836125/3	120.0	131.836013	40.0	230652.0	1.098633	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

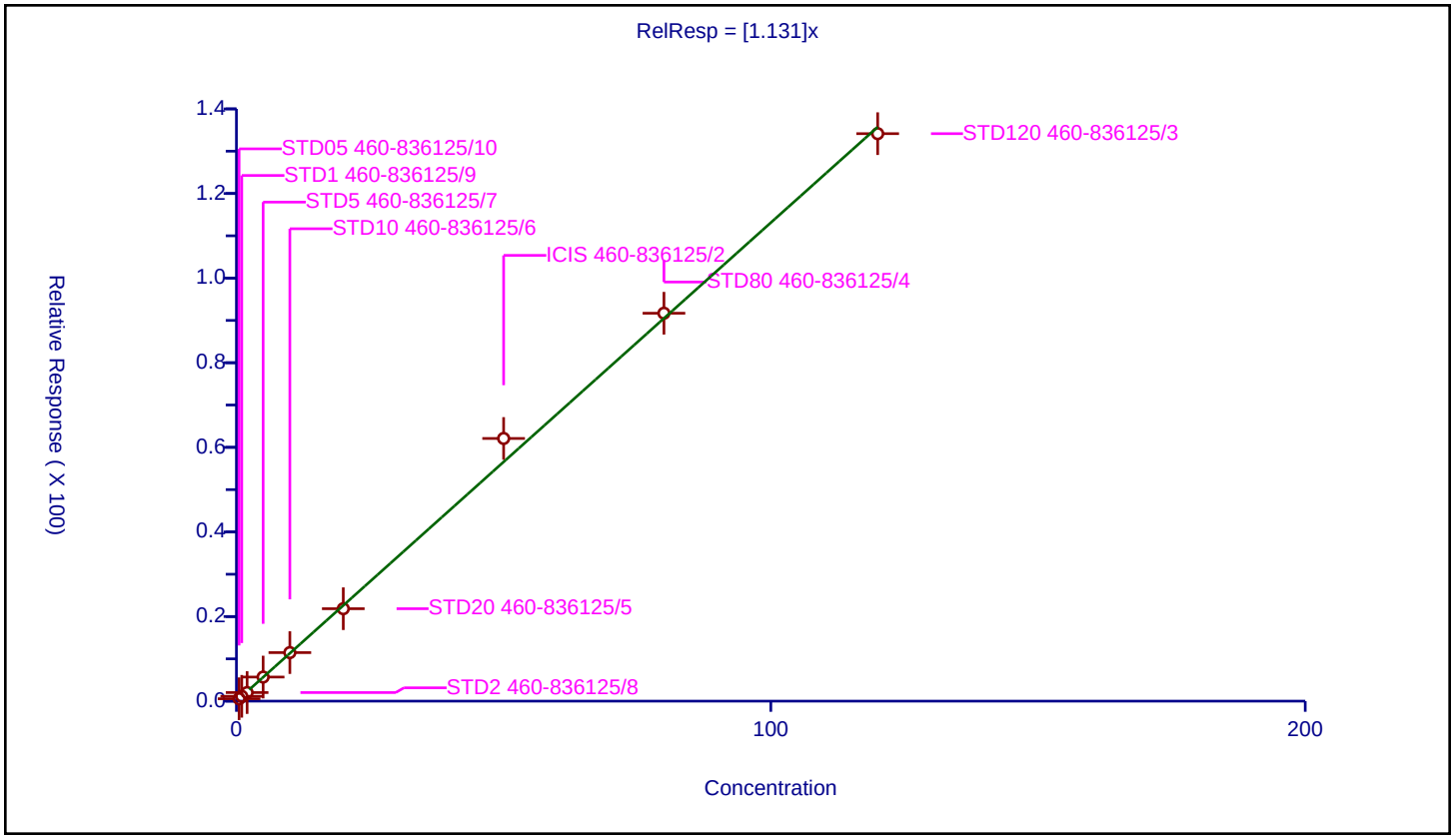
Curve Coefficients

Intercept:	0
Slope:	1.131

Error Coefficients

Standard Error:	355000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.567586	40.0	244333.0	1.135172	Y
2	STD1 460-836125/9	1.0	1.144744	40.0	242849.0	1.144744	Y
3	STD2 460-836125/8	2.0	2.030728	40.0	241864.0	1.015364	Y
4	STD5 460-836125/7	5.0	5.691539	40.0	256746.0	1.138308	Y
5	STD10 460-836125/6	10.0	11.474009	40.0	230772.0	1.147401	Y
6	STD20 460-836125/5	20.0	21.850618	40.0	229599.0	1.092531	Y
7	ICIS 460-836125/2	50.0	62.09093	40.0	215770.0	1.241819	Y
8	STD80 460-836125/4	80.0	91.698733	40.0	229577.0	1.146234	Y
9	STD120 460-836125/3	120.0	134.145639	40.0	230652.0	1.11788	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

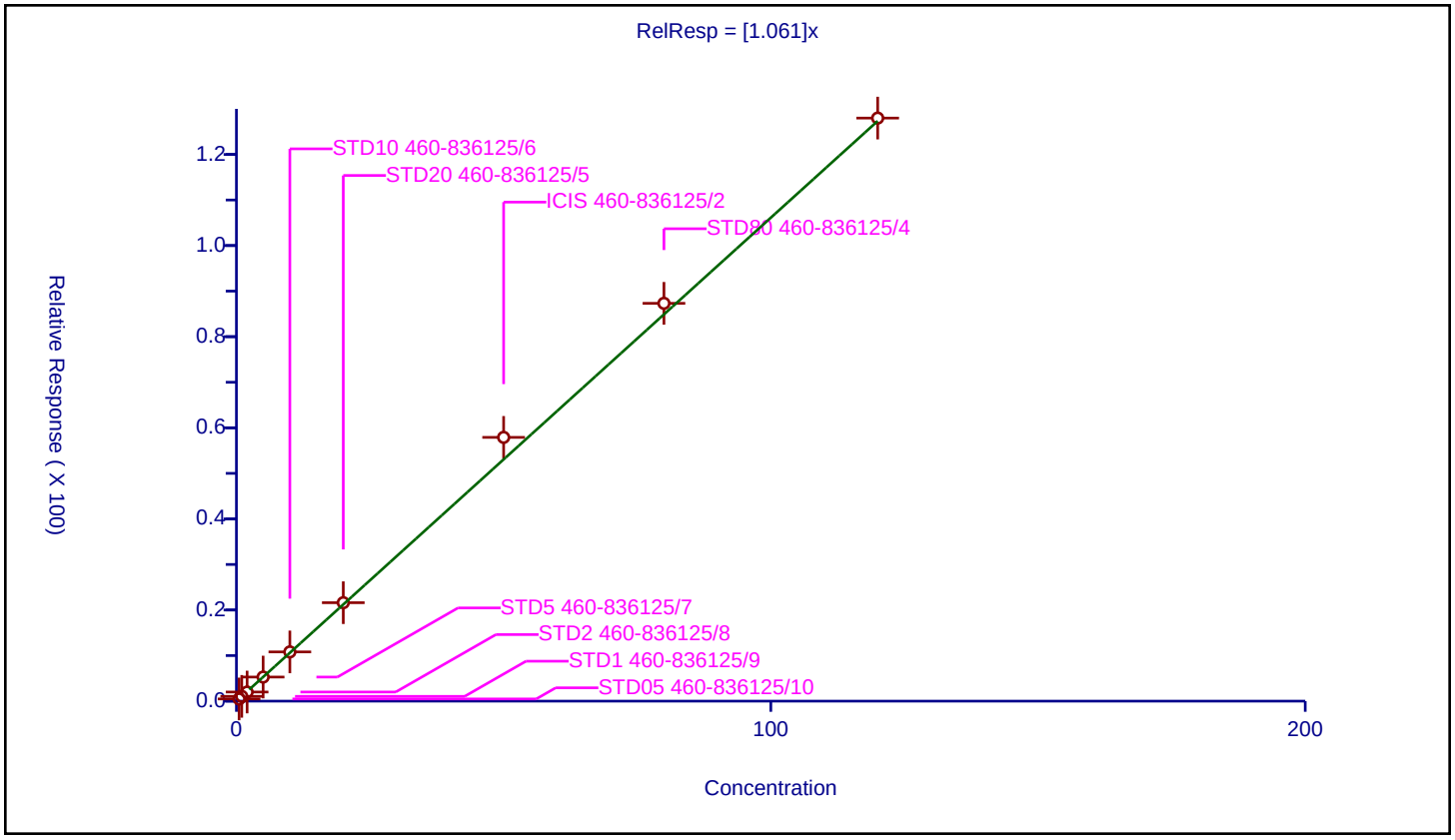
Curve Coefficients

Intercept:	0
Slope:	1.061

Error Coefficients

Standard Error:	338000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.483111	40.0	244333.0	0.966222	Y
2	STD1 460-836125/9	1.0	1.050035	40.0	242849.0	1.050035	Y
3	STD2 460-836125/8	2.0	1.999471	40.0	241864.0	0.999735	Y
4	STD5 460-836125/7	5.0	5.287249	40.0	256746.0	1.05745	Y
5	STD10 460-836125/6	10.0	10.805124	40.0	230772.0	1.080512	Y
6	STD20 460-836125/5	20.0	21.60776	40.0	229599.0	1.080388	Y
7	ICIS 460-836125/2	50.0	57.896649	40.0	215770.0	1.157933	Y
8	STD80 460-836125/4	80.0	87.321291	40.0	229577.0	1.091516	Y
9	STD120 460-836125/3	120.0	127.982935	40.0	230652.0	1.066524	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

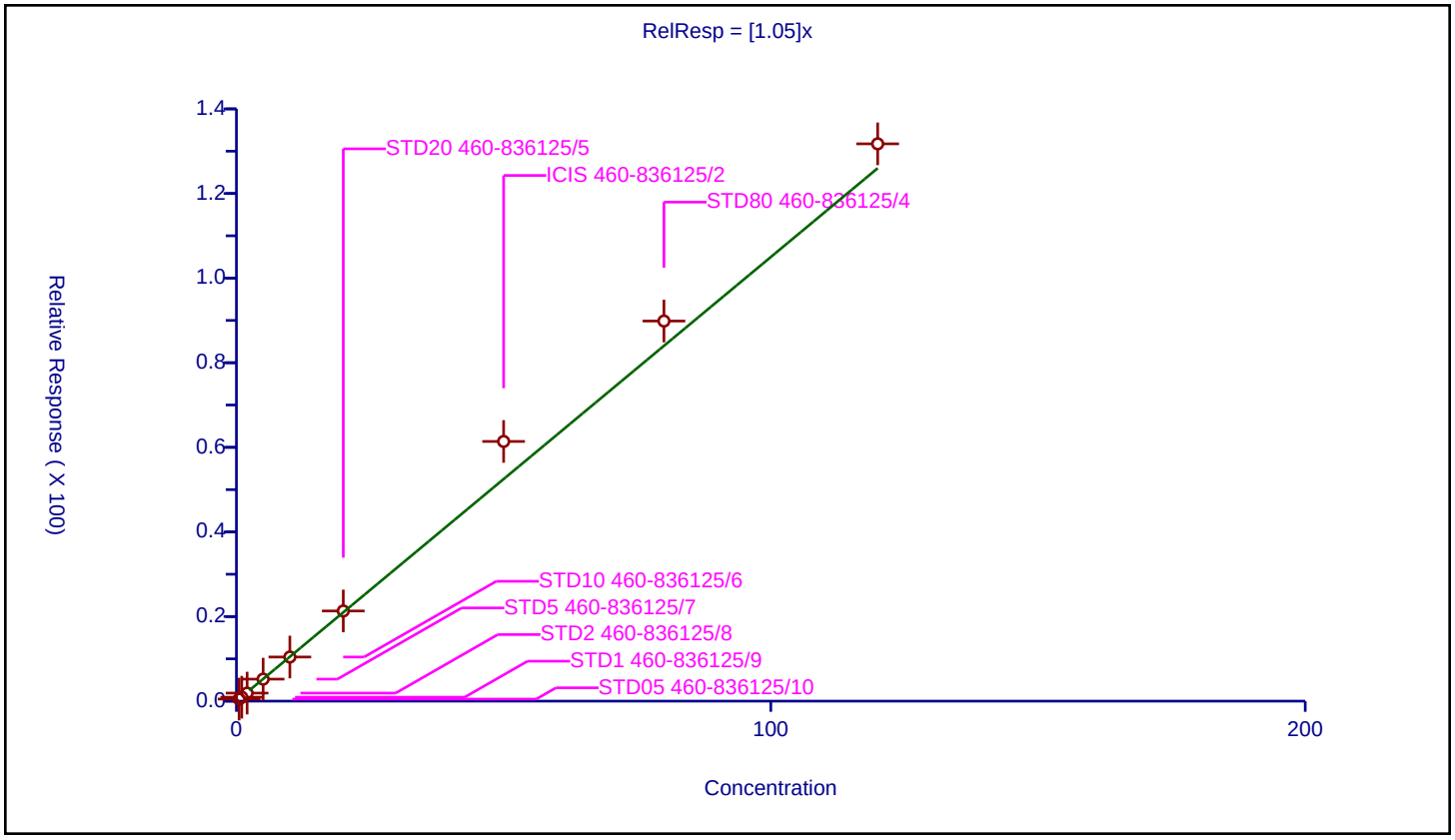
Curve Coefficients

Intercept:	0
Slope:	1.05

Error Coefficients

Standard Error:	349000
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	STD05 460-836125/10	0.5	0.485567	40.0	244333.0	0.971134	Y
2	STD1 460-836125/9	1.0	0.928149	40.0	242849.0	0.928149	Y
3	STD2 460-836125/8	2.0	1.90388	40.0	241864.0	0.95194	Y
4	STD5 460-836125/7	5.0	5.201094	40.0	256746.0	1.040219	Y
5	STD10 460-836125/6	10.0	10.426395	40.0	230772.0	1.042639	Y
6	STD20 460-836125/5	20.0	21.313333	40.0	229599.0	1.065667	Y
7	ICIS 460-836125/2	50.0	61.388701	40.0	215770.0	1.227774	Y
8	STD80 460-836125/4	80.0	89.85151	40.0	229577.0	1.123144	Y
9	STD120 460-836125/3	120.0	131.742018	40.0	230652.0	1.09785	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

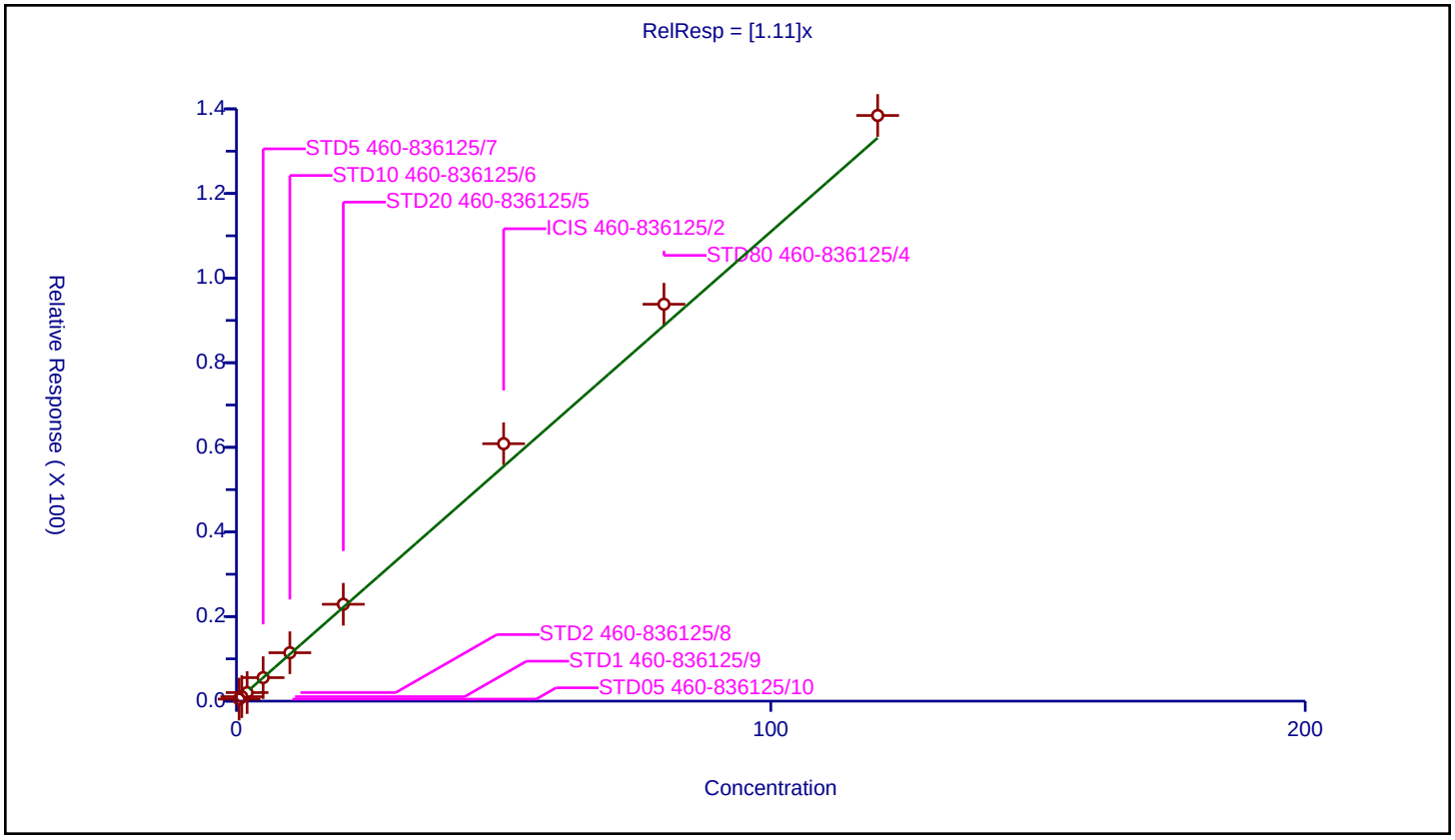
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Standard Error:	364000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-836125/10	0.5	0.484257	40.0	244333.0	0.968514	Y
2	STD1 460-836125/9	1.0	1.062059	40.0	242849.0	1.062059	Y
3	STD2 460-836125/8	2.0	2.02527	40.0	241864.0	1.012635	Y
4	STD5 460-836125/7	5.0	5.556309	40.0	256746.0	1.111262	Y
5	STD10 460-836125/6	10.0	11.440903	40.0	230772.0	1.14409	Y
6	STD20 460-836125/5	20.0	22.900274	40.0	229599.0	1.145014	Y
7	ICIS 460-836125/2	50.0	60.850721	40.0	215770.0	1.217014	Y
8	STD80 460-836125/4	80.0	93.82473	40.0	229577.0	1.172809	Y
9	STD120 460-836125/3	120.0	138.444236	40.0	230652.0	1.153702	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

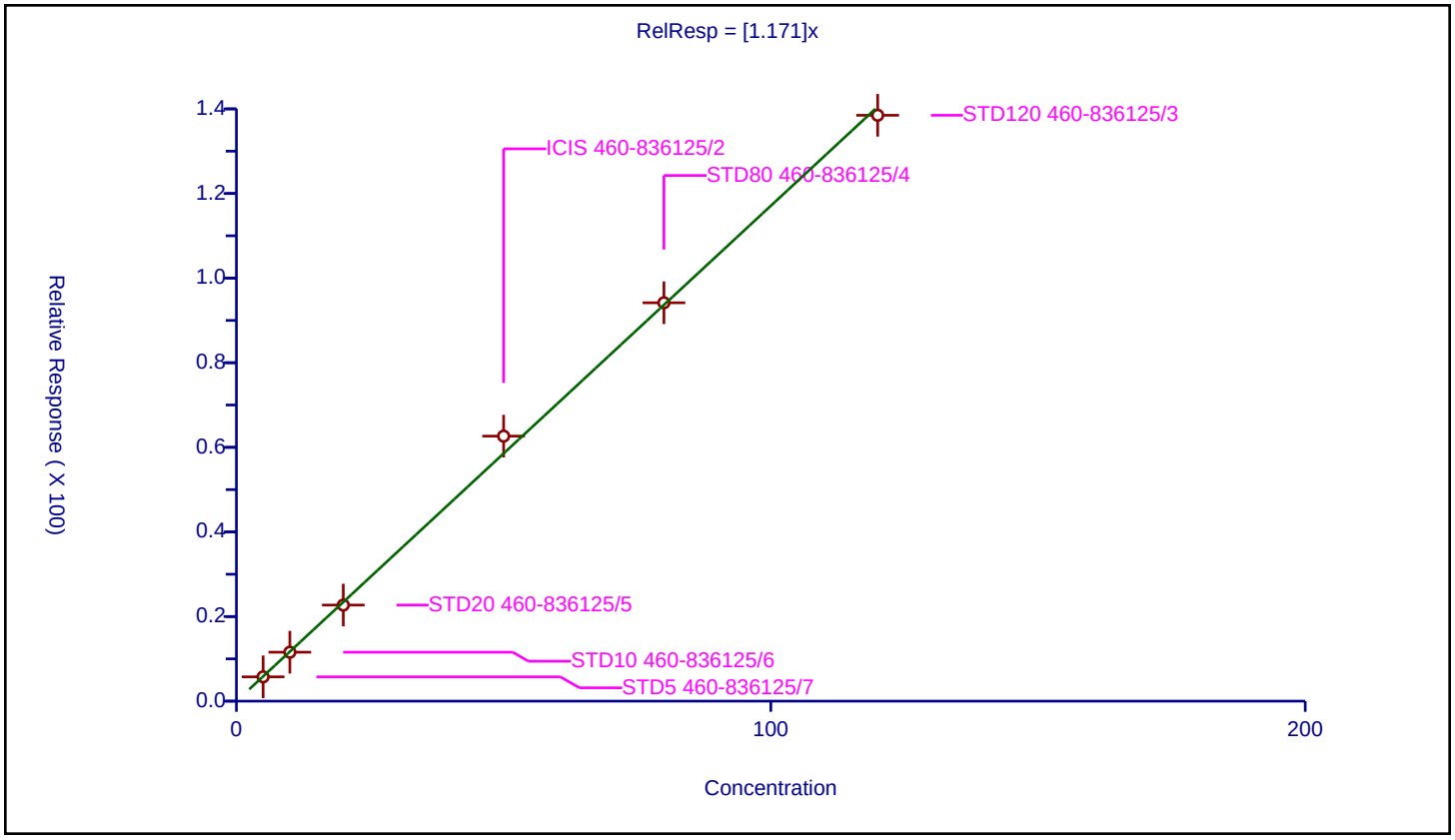
Curve Coefficients

Intercept:	0
Slope:	1.171

Error Coefficients

Standard Error:	462000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-836125/7	5.0	5.745601	40.0	256746.0	1.14912	Y
2	STD10 460-836125/6	10.0	11.566395	40.0	230772.0	1.156639	Y
3	STD20 460-836125/5	20.0	22.710029	40.0	229599.0	1.135501	Y
4	ICIS 460-836125/2	50.0	62.645224	40.0	215770.0	1.252904	Y
5	STD80 460-836125/4	80.0	94.170409	40.0	229577.0	1.17713	Y
6	STD120 460-836125/3	120.0	138.488459	40.0	230652.0	1.15407	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-836125/11 Calibration Date: 03/29/2022 13:39

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X40649.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4830	0.4338		44900	50000	-10.2	30.0
N-Nitrosodimethylamine	Ave	0.7509	0.7204		48000	50000	-4.1	30.0
Pyridine	Ave	1.175	1.135		96500	100000	-3.5	30.0
Benzaldehyde	Ave	1.151	0.5451	0.0100	9470	20000	-52.7*	30.0
Phenol	Ave	1.652	1.532	0.8000	46400	50000	-7.2	30.0
Aniline	Ave	1.983	1.846		46600	50000	-6.9	30.0
Bis(2-chloroethyl)ether	Ave	1.179	1.122	0.7000	47600	50000	-4.8	30.0
2-Chlorophenol	Ave	1.413	1.337	0.8000	47300	50000	-5.4	30.0
n-Decane	Ave	1.993	1.753		44000	50000	-12.0	30.0
1,3-Dichlorobenzene	Ave	1.519	1.433		47200	50000	-5.7	30.0
1,4-Dichlorobenzene	Ave	1.536	1.452		47300	50000	-5.5	30.0
Benzyl alcohol	Ave	0.8635	0.8036		46500	50000	-6.9	30.0
1,2-Dichlorobenzene	Ave	1.457	1.384		47500	50000	-5.0	30.0
2-Methylphenol	Ave	1.187	1.116	0.7000	47000	50000	-6.0	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.473	2.272	0.0100	45900	50000	-8.1	30.0
3 & 4 Methylphenol	Ave	1.331	1.227		46100	50000	-7.8	30.0
4-Methylphenol	Ave	1.331	1.227	0.6000	46100	50000	-7.8	30.0
N-Methylaniline	Ave	2.086	1.891		45300	50000	-9.3	30.0
N-Nitrosodi-n-propylamine	Ave	0.9846	0.9361	0.5000	47500	50000	-4.9	30.0
Acetophenone	Ave	1.889	1.751	0.0100	46300	50000	-7.3	30.0
Hexachloroethane	Ave	0.5809	0.5419	0.3000	46600	50000	-6.7	30.0
n,n'-Dimethylaniline	Ave	2.054	1.991		48500	50000	-3.1	30.0
Nitrobenzene	Ave	0.6378	0.6084	0.2000	47700	50000	-4.6	30.0
Isophorone	Ave	0.6651	0.6368	0.4000	47900	50000	-4.2	30.0
2-Nitrophenol	Ave	0.1973	0.1866	0.1000	47300	50000	-5.4	30.0
2,4-Dimethylphenol	Ave	0.3219	0.2804	0.2000	43600	50000	-12.9	30.0
Benzoic acid	Lin2		0.1892		45700	50000	-8.5	30.0
Bis(2-chloroethoxy)methane	Ave	0.3994	0.3756	0.3000	47000	50000	-6.0	30.0
2,4-Dichlorophenol	Ave	0.2912	0.2821	0.2000	48400	50000	-3.1	30.0
1,2,4-Trichlorobenzene	Ave	0.3217	0.3150		49000	50000	-2.1	30.0
Naphthalene	Ave	1.025	0.9744	0.7000	47500	50000	-4.9	30.0
4-Chloroaniline	Ave	0.4467	0.4218	0.0100	47200	50000	-5.6	30.0
Hexachlorobutadiene	Ave	0.2046	0.1931	0.0100	47200	50000	-5.6	30.0
Caprolactam	Ave	0.0787	0.0836	0.0100	21300	20000	6.3	30.0
4-Chloro-3-methylphenol	Ave	0.2897	0.2687	0.2000	46400	50000	-7.2	30.0
2-Methylnaphthalene	Ave	0.6889	0.6353	0.4000	46100	50000	-7.8	30.0
1-Methylnaphthalene	Ave	0.6303	0.5844		46400	50000	-7.3	30.0
Hexachlorocyclopentadiene	Ave	0.5064	0.4984	0.0500	49200	50000	-1.6	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6393	0.6269	0.0100	49000	50000	-1.9	30.0
2-tertbutyl-4-methylphenol	Ave	0.4232	0.4137		48900	50000	-2.2	30.0
2,4,6-Trichlorophenol	Ave	0.4262	0.4242	0.2000	49800	50000	-0.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-836125/11 Calibration Date: 03/29/2022 13:39

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X40649.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4603	0.4591	0.2000	49900	50000	-0.3	30.0
1,1'-Biphenyl	Ave	1.501	1.480	0.0100	49300	50000	-1.4	30.0
2-Chloronaphthalene	Ave	1.177	1.153	0.8000	49000	50000	-2.1	30.0
Phenyl ether	Ave	0.8259	0.8408		50900	50000	1.8	30.0
2-Nitroaniline	Ave	0.4731	0.4422	0.0100	46700	50000	-6.5	30.0
1,3-Dimethylnaphthalene	Ave	0.9350	0.9556		51100	50000	2.2	30.0
Dimethyl phthalate	Ave	1.327	1.306	0.0100	49200	50000	-1.6	30.0
Coumarin	Ave	0.2508	0.2398		47800	50000	-4.4	30.0
2,6-Dinitrotoluene	Ave	0.2935	0.2968	0.2000	50600	50000	1.1	30.0
Acenaphthylene	Ave	1.903	1.779	0.9000	46700	50000	-6.5	30.0
3-Nitroaniline	Ave	0.3473	0.3364	0.0100	48400	50000	-3.2	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.064	1.063		49900	50000	-0.1	30.0
Acenaphthene	Ave	1.222	1.240	0.9000	50700	50000	1.4	30.0
2,4-Dinitrophenol	Lin2		0.1893	0.0100	97900	100000	-2.1	30.0
4-Nitrophenol	Ave	0.2543	0.2448	0.0100	96300	100000	-3.7	30.0
2,4-Dinitrotoluene	Ave	0.3994	0.4003	0.2000	50100	50000	0.2	30.0
Dibenzofuran	Ave	1.627	1.599	0.8000	49100	50000	-1.8	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3821	0.3852	0.0100	50400	50000	0.8	30.0
Diethyl phthalate	Ave	1.345	1.320	0.0100	49100	50000	-1.9	30.0
4-Chlorophenyl phenyl ether	Ave	0.6417	0.6237	0.4000	48600	50000	-2.8	30.0
Fluorene	Ave	1.302	1.258	0.9000	48300	50000	-3.4	30.0
4-Nitroaniline	Ave	0.3487	0.3421	0.0100	49100	50000	-1.9	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1266	0.1327	0.0100	105000	100000	4.8	30.0
N-Nitrosodiphenylamine	Ave	0.5108	0.5111	0.0100	50000	50000	0.0	30.0
1,2-Diphenylhydrazine	Ave	0.7128	0.7078		49600	50000	-0.7	30.0
4-Bromophenyl phenyl ether	Ave	0.2239	0.2280	0.1000	50900	50000	1.8	30.0
Hexachlorobenzene	Ave	0.2931	0.2948	0.1000	50300	50000	0.6	30.0
Atrazine	Ave	0.2060	0.2144	0.0100	20800	20000	4.1	30.0
Pentachlorophenol	Ave	0.1768	0.1835	0.0500	104000	100000	3.8	30.0
Pentachloronitrobenzene	Ave	0.1128	0.1167	0.0100	51800	50000	3.5	30.0
n-Octadecane	Ave	0.5111	0.4932		48300	50000	-3.5	30.0
Phenanthrene	Ave	1.041	1.023	0.7000	49100	50000	-1.7	30.0
Anthracene	Ave	1.064	1.067	0.7000	50200	50000	0.3	30.0
Carbazole	Ave	0.9773	0.9658	0.0100	49400	50000	-1.2	30.0
Di-n-butyl phthalate	Ave	1.208	1.199	0.0100	49600	50000	-0.7	30.0
Fluoranthene	Ave	1.162	1.166	0.6000	50200	50000	0.4	30.0
Benzidine	Ave	0.7002	0.6857		49000	50000	-2.1	30.0
Pyrene	Ave	1.234	1.267	0.6000	51300	50000	2.7	30.0
Bisphenol-A	Ave	0.6085	0.6461		53100	50000	6.2	30.0
Butyl benzyl phthalate	Ave	0.5216	0.5408	0.0100	51800	50000	3.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: ICV 460-836125/11 Calibration Date: 03/29/2022 13:39

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X40649.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4807	0.5261		54700	50000	9.4	30.0
3,3'-Dichlorobenzidine	Ave	0.4676	0.5151	0.0100	55100	50000	10.2	30.0
Benzo[a]anthracene	Ave	1.229	1.208	0.8000	49200	50000	-1.7	30.0
Chrysene	Ave	1.143	1.163	0.7000	50900	50000	1.7	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7683	0.7922	0.0100	51600	50000	3.1	30.0
Di-n-octyl phthalate	Ave	1.148	1.166	0.0100	50800	50000	1.6	30.0
Benzo[b]fluoranthene	Ave	1.104	1.154		52300	50000	4.6	30.0
Benzo[k]fluoranthene	Ave	1.131	1.143	0.7000	50500	50000	1.0	30.0
Benzo[a]pyrene	Ave	1.061	1.102	0.7000	51900	50000	3.8	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.050	1.155	0.5000	55000	50000	10.0	30.0
Dibenz(a,h)anthracene	Ave	1.110	1.161	0.4000	52300	50000	4.7	30.0
Benzo[g,h,i]perylene	Ave	1.171	1.180	0.5000	50400	50000	0.8	30.0

Report Date: 29-Mar-2022 14:10:15 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40649.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Mar-2022 13:39:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-011
Operator ID: Instrument ID: CBNAMS5
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 14:10:02 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 14:10:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.957	1.962	-0.003	98	34898	50.0	44.9	
2 N-Nitrosodimethylamine	74	2.199	2.203	-0.002	74	57964	50.0	48.0	
3 Pyridine	79	2.234	2.237	-0.003	84	182589	100.0	96.5	
5 Benzaldehyde	77	4.204	4.210	-0.003	89	17542	20.0	9.47	
7 Phenol	94	4.251	4.251	0.003	91	123297	50.0	46.4	
8 Aniline	93	4.298	4.304	-0.003	87	148547	50.0	46.6	
9 Bis(2-chloroethyl)ether	93	4.357	4.363	-0.003	90	90294	50.0	47.6	
11 2-Chlorophenol	128	4.410	4.416	-0.003	90	107582	50.0	47.3	
12 n-Decane	43	4.445	4.451	-0.003	91	141076	50.0	44.0	
13 1,3-Dichlorobenzene	146	4.563	4.563	0.003	95	115292	50.0	47.2	
* 14 1,4-Dichlorobenzene-d4	152	4.616	4.613	0.003	96	64365	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.634	4.634	0.003	93	116829	50.0	47.3	
16 Benzyl alcohol	108	4.740	4.740	0.003	89	64654	50.0	46.5	
17 1,2-Dichlorobenzene	146	4.775	4.781	-0.003	90	111371	50.0	47.5	
18 2-Methylphenol	108	4.834	4.834	0.003	85	89807	50.0	47.0	
19 2,2'-oxybis[1-chloropropane]	45	4.863	4.869	-0.003	59	182828	50.0	45.9	
24 4-Methylphenol	108	4.981	4.981	0.003	77	98723	50.0	46.1	
23 3 & 4 Methylphenol	108	4.981	4.981	0.003	74	98723	50.0	46.1	
20 N-Methylaniline	106	4.987	4.987	0.003	71	152174	50.0	45.3	
22 N-Nitrosodi-n-propylamine	70	4.993	4.993	0.003	80	75316	50.0	47.5	
21 Acetophenone	105	4.998	4.999	0.003	90	140883	50.0	46.3	
25 Hexachloroethane	117	5.098	5.099	0.003	90	43598	50.0	46.6	
28 Nitrobenzene	123	5.157	5.158	-0.003	84	48947	50.0	47.7	
27 n,n'-Dimethylaniline	120	5.157	5.163	-0.003	85	160157	50.0	48.5	
31 Isophorone	82	5.381	5.381	-0.003	96	192579	50.0	47.9	
32 2-Nitrophenol	139	5.457	5.457	-0.003	87	56439	50.0	47.3	
33 2,4-Dimethylphenol	122	5.487	5.481	0.003	62	84787	50.0	43.6	
35 Benzoic acid	122	5.575	5.569	0.003	58	57228	50.0	45.7	
34 Bis(2-chloroethoxy)methane	93	5.587	5.581	0.003	96	113570	50.0	47.0	
36 2,4-Dichlorophenol	162	5.681	5.675	0.003	94	85301	50.0	48.4	
37 1,2,4-Trichlorobenzene	180	5.769	5.763	0.003	92	95267	50.0	49.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 38 Naphthalene-d8	136	5.822	5.825	-0.003	100	241922	40.0	40.0	
39 Naphthalene	128	5.845	5.839	0.003	99	294663	50.0	47.5	
40 4-Chloroaniline	127	5.892	5.887	0.003	75	127539	50.0	47.2	
130 2,6-Dichlorophenol	162	5.898	5.892	0.003	85	82928	50.0	47.8	
41 Hexachlorobutadiene	225	5.957	5.951	0.003	95	58405	50.0	47.2	
42 Caprolactam	113	6.222	6.222	0.003	85	10115	20.0	21.3	M
43 4-Chloro-3-methylphenol	107	6.339	6.339	-0.003	93	81257	50.0	46.4	
44 2-Methylnaphthalene	142	6.498	6.498	-0.003	81	192117	50.0	46.1	
45 1-Methylnaphthalene	142	6.592	6.592	-0.003	89	176714	50.0	46.4	
46 Hexachlorocyclopentadiene	237	6.645	6.646	-0.003	85	78243	50.0	49.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.657	6.652	0.003	97	98420	50.0	49.0	
48 2-tertbutyl-4-methylphenol	149	6.675	6.674	-0.003	75	125109	50.0	48.9	
49 2,4,6-Trichlorophenol	196	6.757	6.757	-0.003	89	66598	50.0	49.8	
50 2,4,5-Trichlorophenol	196	6.792	6.787	0.003	88	72069	50.0	49.9	
52 1,1'-Biphenyl	154	6.939	6.940	-0.003	96	232383	50.0	49.3	
53 2-Chloronaphthalene	162	6.963	6.957	0.003	96	181012	50.0	49.0	
54 Phenyl ether	170	7.039	7.040	-0.003	85	131992	50.0	50.9	
56 2-Nitroaniline	65	7.057	7.051	0.003	96	69411	50.0	46.7	
57 1,3-Dimethylnaphthalene	156	7.169	7.163	0.003	88	150019	50.0	51.1	
58 Dimethyl phthalate	163	7.234	7.228	0.003	98	204968	50.0	49.2	
59 Coumarin	146	7.257	7.250	0.003	72	72528	50.0	47.8	
60 2,6-Dinitrotoluene	165	7.286	7.287	-0.003	7	46597	50.0	50.6	
61 Acenaphthylene	152	7.357	7.351	0.003	96	279277	50.0	46.7	
64 3-Nitroaniline	138	7.445	7.439	0.003	94	52805	50.0	48.4	
* 65 Acenaphthene-d10	164	7.486	7.489	-0.003	90	125586	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.498	-0.003	97	166823	50.0	49.9	
67 Acenaphthene	154	7.516	7.516	-0.003	93	194630	50.0	50.7	
68 2,4-Dinitrophenol	184	7.539	7.539	-0.003	64	59446	100.0	97.9	a
69 4-Nitrophenol	65	7.592	7.586	0.003	84	76847	100.0	96.3	
70 2,4-Dinitrotoluene	165	7.663	7.663	-0.003	92	62834	50.0	50.1	
71 Dibenzofuran	168	7.681	7.681	-0.002	92	250964	50.0	49.1	
72 2,3,4,6-Tetrachlorophenol	232	7.792	7.786	0.003	94	60462	50.0	50.4	
73 Diethyl phthalate	149	7.898	7.898	-0.003	97	207258	50.0	49.1	
74 4-Chlorophenyl phenyl ether	204	8.004	8.004	-0.003	73	97909	50.0	48.6	
75 Fluorene	166	8.004	8.004	-0.003	81	197531	50.0	48.3	
76 4-Nitroaniline	138	8.028	8.022	0.003	92	53708	50.0	49.1	
77 4,6-Dinitro-2-methylphenol	198	8.051	8.046	0.003	55	75738	100.0	104.8	
78 N-Nitrosodiphenylamine	169	8.116	8.116	-0.003	96	145818	50.0	50.0	
79 1,2-Diphenylhydrazine	77	8.157	8.151	0.003	96	201919	50.0	49.6	
81 4-Bromophenyl phenyl ether	248	8.469	8.469	-0.003	92	65039	50.0	50.9	
83 Hexachlorobenzene	284	8.522	8.516	0.003	93	84112	50.0	50.3	
84 Atrazine	200	8.622	8.616	0.003	88	24463	20.0	20.8	
85 Pentachlorophenol	266	8.704	8.704	-0.003	87	104723	100.0	103.8	
86 Pentachloronitrobenzene	237	8.722	8.716	0.003	89	33306	50.0	51.8	
87 n-Octadecane	57	8.786	8.786	-0.003	97	140715	50.0	48.3	
* 88 Phenanthrene-d10	188	8.892	8.895	-0.003	99	228237	40.0	40.0	
89 Phenanthrene	178	8.916	8.916	-0.003	97	291850	50.0	49.1	
90 Anthracene	178	8.963	8.963	-0.003	97	304475	50.0	50.2	
91 Carbazole	167	9.116	9.110	0.003	83	275539	50.0	49.4	
92 Di-n-butyl phthalate	149	9.445	9.445	-0.003	99	342108	50.0	49.6	
93 Fluoranthene	202	10.045	10.039	0.003	97	332774	50.0	50.2	
94 Benzidine	184	10.175	10.175	-0.002	99	195622	50.0	49.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
95 Pyrene	202	10.263	10.263	-0.003	97	338451	50.0	51.3	
82 Bisphenol-A	213	10.304	10.304	-0.003	91	172580	50.0	53.1	
97 Butyl benzyl phthalate	149	10.939	10.939	-0.003	97	144438	50.0	51.8	
99 Carbamazepine	193	11.057	11.057	-0.003	91	140507	50.0	54.7	
100 3,3'-Dichlorobenzidine	252	11.551	11.545	0.003	98	137579	50.0	55.1	
101 Benzo[a]anthracene	228	11.574	11.574	-0.003	99	322663	50.0	49.2	
* 102 Chrysene-d12	240	11.586	11.589	-0.003	97	213678	40.0	40.0	
103 Chrysene	228	11.622	11.616	0.003	95	310621	50.0	50.9	
104 Bis(2-ethylhexyl) phthalate	149	11.627	11.621	0.003	85	211595	50.0	51.6	
105 Di-n-octyl phthalate	149	12.516	12.521	-0.002	94	369112	50.0	50.8	
106 Benzo[b]fluoranthene	252	13.021	13.027	-0.003	98	365418	50.0	52.3	
107 Benzo[k]fluoranthene	252	13.063	13.068	-0.002	99	361682	50.0	50.5	
108 Benzo[a]pyrene	252	13.498	13.504	-0.003	96	348677	50.0	51.9	
* 109 Perylene-d12	264	13.580	13.577	0.003	98	253216	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.274	15.280	-0.003	99	365672	50.0	55.0	
111 Dibenz(a,h)anthracene	278	15.327	15.333	-0.003	96	367617	50.0	52.3	
112 Benzo[g,h,i]perylene	276	15.774	15.775	0.003	93	373404	50.0	50.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_ICV_00006 Amount Added: 1.00 Units: mL

Report Date: 29-Mar-2022 14:10:15 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40649.d

Injection Date: 29-Mar-2022 13:39:30 Instrument ID: CBNAMS5

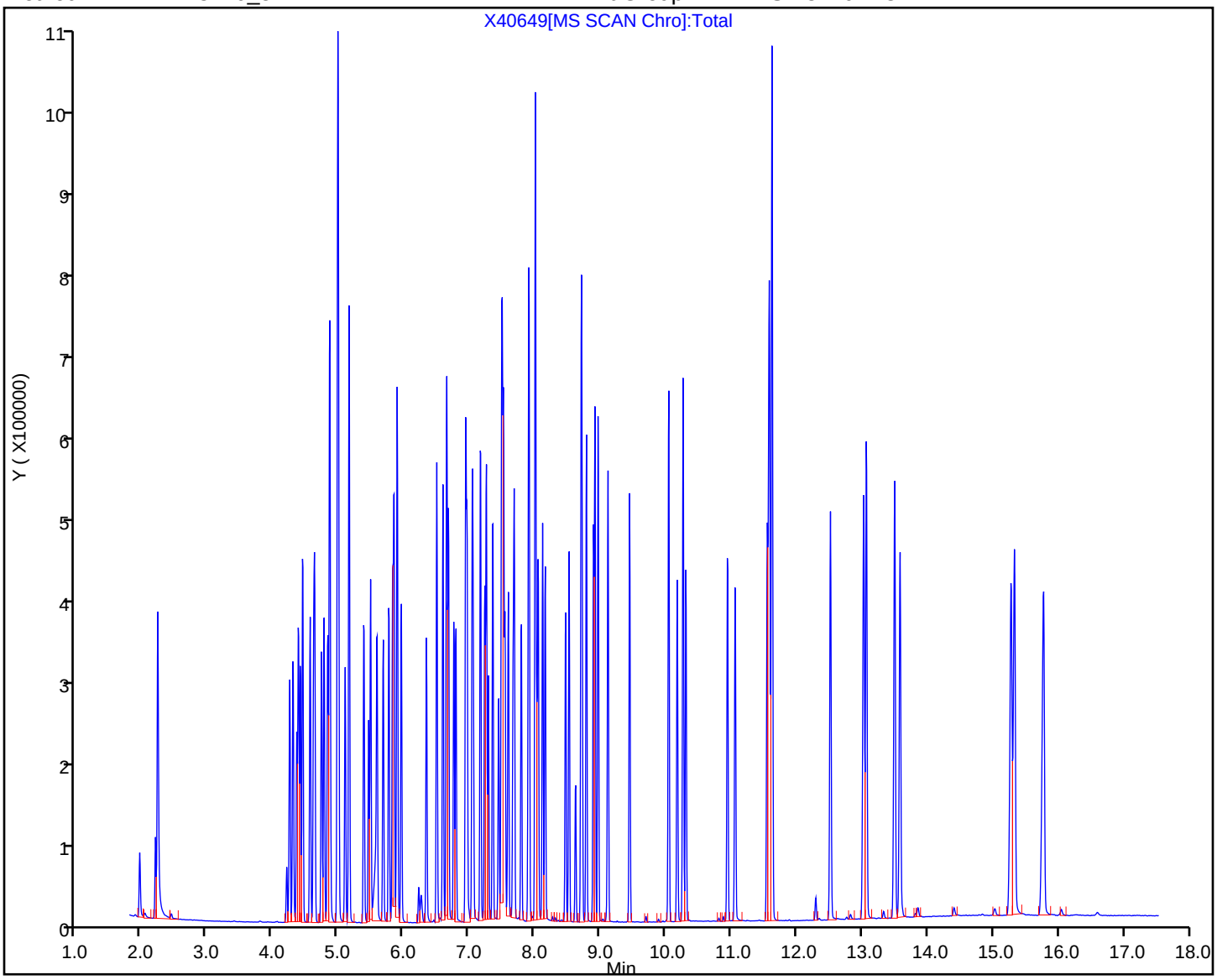
Lims ID: ICV

Client ID:

Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

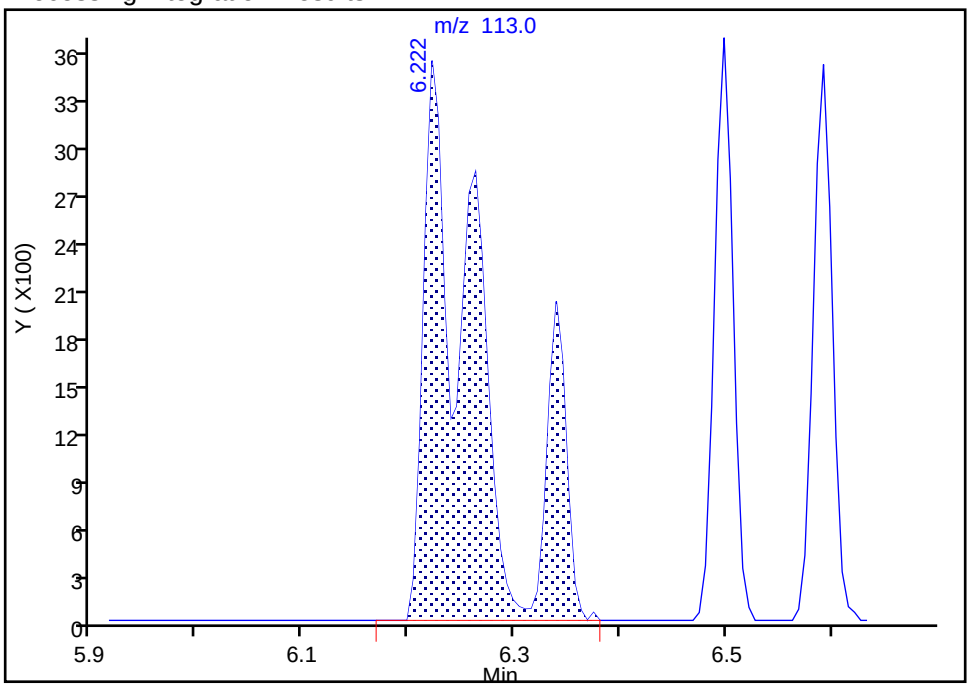
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Injection Date: 29-Mar-2022 13:39:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

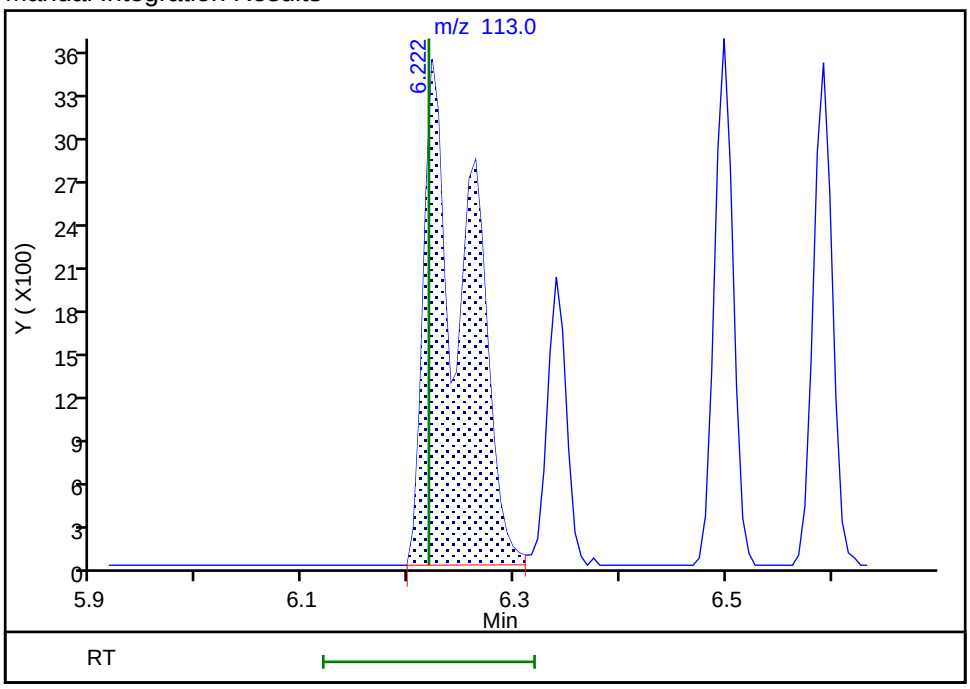
Processing Integration Results

RT: 6.22
Area: 12686
Amount: 26.657152
Amount Units: ug/ml



Manual Integration Results

RT: 6.22
Area: 10115
Amount: 21.254698
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 14:01:06
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

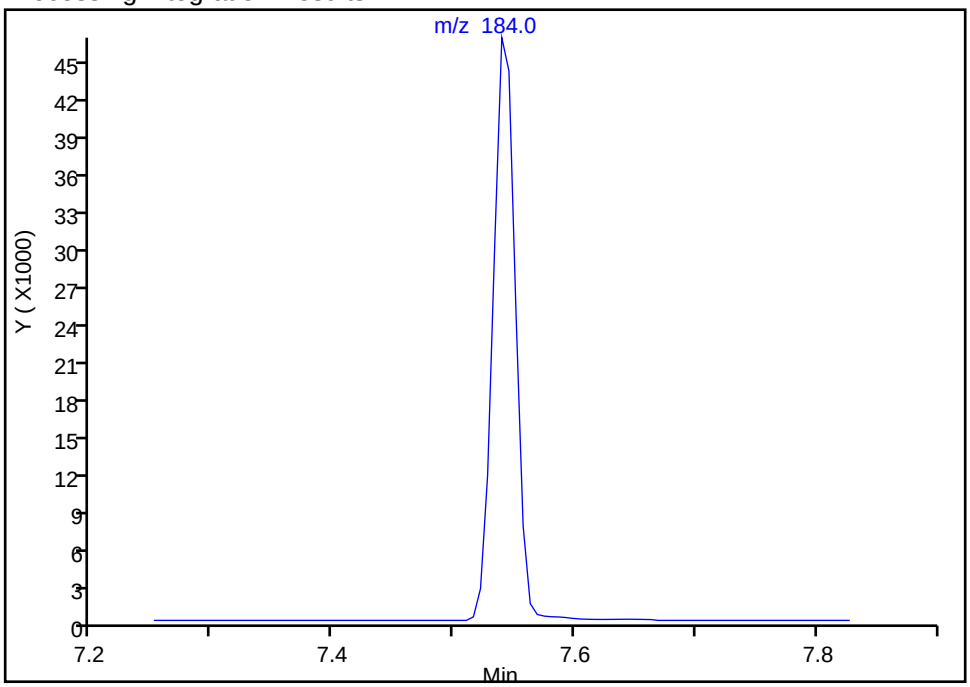
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Injection Date: 29-Mar-2022 13:39:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

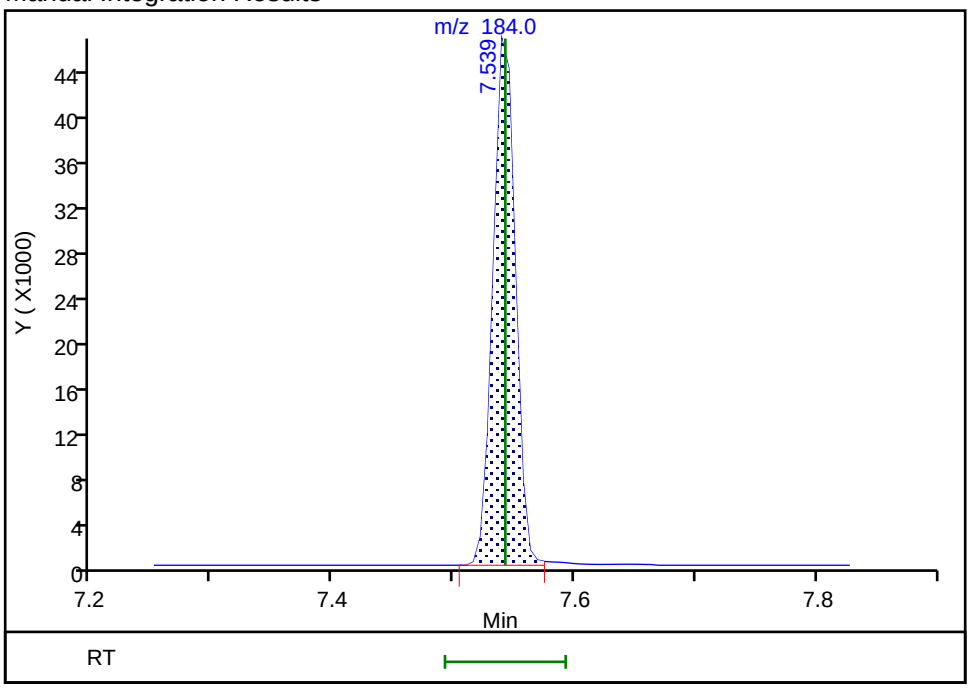
Not Detected
Expected RT: 7.54

Processing Integration Results



Manual Integration Results

RT: 7.54
Area: 59446
Amount: 97.887132
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Mar-2022 14:00:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847119/2 Calibration Date: 05/27/2022 18:11

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X41844.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4830	0.3694		38200	50000	-23.5*	20.0
N-Nitrosodimethylamine	Ave	0.7509	0.5916		39400	50000	-21.2*	20.0
Pyridine	Ave	1.175	0.8868		75500	100000	-24.5*	20.0
Benzaldehyde	Ave	1.151	0.5555	0.0100	9650	20000	-51.7*	20.0
Phenol	Ave	1.652	1.528	0.8000	46300	50000	-7.5	20.0
Aniline	Ave	1.983	1.647		41500	50000	-16.9	20.0
Bis(2-chloroethyl)ether	Ave	1.179	1.031	0.7000	43700	50000	-12.6	20.0
2-Chlorophenol	Ave	1.413	1.349	0.8000	47700	50000	-4.6	20.0
n-Decane	Ave	1.993	1.232		30900	50000	-38.2*	20.0
1,3-Dichlorobenzene	Ave	1.519	1.512		49800	50000	-0.5	20.0
1,4-Dichlorobenzene	Ave	1.536	1.539		50100	50000	0.1	20.0
Benzyl alcohol	Ave	0.8635	0.7542		43700	50000	-12.7	20.0
1,2-Dichlorobenzene	Ave	1.457	1.453		49900	50000	-0.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.473	1.542	0.0100	31200	50000	-37.7*	20.0
2-Methylphenol	Ave	1.187	1.075	0.7000	45300	50000	-9.5	20.0
N-Methylaniline	Ave	2.086	1.820		43600	50000	-12.7	20.0
Acetophenone	Ave	1.889	1.674	0.0100	44300	50000	-11.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9846	0.8125	0.5000	41300	50000	-17.5	20.0
3 & 4 Methylphenol	Ave	1.331	1.139		42800	50000	-14.4	20.0
4-Methylphenol	Ave	1.331	1.139	0.6000	42800	50000	-14.4	20.0
Hexachloroethane	Ave	0.5809	0.5375	0.3000	46300	50000	-7.5	20.0
n,n'-Dimethylaniline	Ave	2.054	1.925		46900	50000	-6.3	20.0
Nitrobenzene	Ave	0.6378	0.6086	0.2000	47700	50000	-4.6	20.0
Isophorone	Ave	0.6651	0.5863	0.4000	44100	50000	-11.9	20.0
2-Nitrophenol	Ave	0.1973	0.2014	0.1000	51100	50000	2.1	20.0
2,4-Dimethylphenol	Ave	0.3219	0.3088	0.2000	48000	50000	-4.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3994	0.3461	0.3000	43300	50000	-13.4	20.0
Benzoic acid	Lin2		0.1690		41200	50000	-17.6	20.0
2,4-Dichlorophenol	Ave	0.2912	0.3258	0.2000	55900	50000	11.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3217	0.3617		56200	50000	12.5	20.0
Naphthalene	Ave	1.025	1.008	0.7000	49200	50000	-1.6	20.0
4-Chloroaniline	Ave	0.4467	0.4320	0.0100	48400	50000	-3.3	20.0
Hexachlorobutadiene	Ave	0.2046	0.2313	0.0100	56500	50000	13.0	20.0
Caprolactam	Ave	0.0787	0.0848	0.0100	21600	20000	7.8	20.0
4-Chloro-3-methylphenol	Ave	0.2897	0.2742	0.2000	47300	50000	-5.4	20.0
2-Methylnaphthalene	Ave	0.6889	0.6775	0.4000	49200	50000	-1.7	20.0
1-Methylnaphthalene	Ave	0.6303	0.6236		49500	50000	-1.1	20.0
Hexachlorocyclopentadiene	Ave	0.5064	0.4283	0.0500	42300	50000	-15.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6393	0.7433	0.0100	58100	50000	16.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4232	0.4391		51900	50000	3.7	20.0
2,4,6-Trichlorophenol	Ave	0.4262	0.4238	0.2000	49700	50000	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847119/2 | Calibration Date: 05/27/2022 18:11

Instrument ID: CBNAMS5 | Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 03/29/2022 13:15

Lab File ID: X41844.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4603	0.4749	0.2000	51600	50000	3.2	20.0
1,1'-Biphenyl	Ave	1.501	1.582	0.0100	52700	50000	5.4	20.0
2-Chloronaphthalene	Ave	1.177	1.250	0.8000	53100	50000	6.1	20.0
Phenyl ether	Ave	0.8259	0.8809		53300	50000	6.7	20.0
2-Nitroaniline	Ave	0.4731	0.3410	0.0100	36000	50000	-27.9*	20.0
1,3-Dimethylnaphthalene	Ave	0.9350	1.008		53900	50000	7.8	20.0
Dimethyl phthalate	Ave	1.327	1.447	0.0100	54500	50000	9.1	20.0
Coumarin	Ave	0.2508	0.2445		48700	50000	-2.5	20.0
2,6-Dinitrotoluene	Ave	0.2935	0.3193	0.2000	54400	50000	8.8	20.0
Acenaphthylene	Ave	1.903	1.930	0.9000	50700	50000	1.4	20.0
3-Nitroaniline	Ave	0.3473	0.3511	0.0100	50500	50000	1.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.064	1.149		54000	50000	8.0	20.0
Acenaphthene	Ave	1.222	1.094	0.9000	44800	50000	-10.5	20.0
2,4-Dinitrophenol	Lin2		0.1876	0.0100	97000	100000	-3.0	20.0
4-Nitrophenol	Ave	0.2543	0.1638	0.0100	64400	100000	-35.6*	20.0
Dibenzofuran	Ave	1.627	1.752	0.8000	53800	50000	7.6	20.0
2,4-Dinitrotoluene	Ave	0.3994	0.4420	0.2000	55300	50000	10.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3821	0.3651	0.0100	47800	50000	-4.4	20.0
Diethyl phthalate	Ave	1.345	1.345	0.0100	50000	50000	-0.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6417	0.6684	0.4000	52100	50000	4.2	20.0
Fluorene	Ave	1.302	1.330	0.9000	51100	50000	2.2	20.0
4-Nitroaniline	Ave	0.3487	0.3259	0.0100	46700	50000	-6.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1266	0.1329	0.0100	105000	100000	5.0	20.0
N-Nitrosodiphenylamine	Ave	0.5108	0.5163	0.0100	50500	50000	1.1	20.0
1,2-Diphenylhydrazine	Ave	0.7128	0.6075		42600	50000	-14.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2239	0.2577	0.1000	57500	50000	15.1	20.0
Hexachlorobenzene	Ave	0.2931	0.3492	0.1000	59600	50000	19.1	20.0
Atrazine	Ave	0.2060	0.2357	0.0100	22900	20000	14.4	20.0
Pentachloronitrobenzene	Ave	0.1128	0.1150	0.0100	51000	50000	2.0	20.0
Pentachlorophenol	Ave	0.1768	0.1268	0.0500	71700	100000	-28.3*	20.0
n-Octadecane	Ave	0.5111	0.3711		36300	50000	-27.4*	20.0
Phenanthrene	Ave	1.041	1.087	0.7000	52200	50000	4.5	20.0
Anthracene	Ave	1.064	1.105	0.7000	51900	50000	3.9	20.0
Carbazole	Ave	0.9773	0.9944	0.0100	50900	50000	1.7	20.0
Di-n-butyl phthalate	Ave	1.208	1.198	0.0100	49600	50000	-0.8	20.0
Fluoranthene	Ave	1.162	1.230	0.6000	52900	50000	5.8	20.0
Benzidine	Ave	0.7002	0.6314		45100	50000	-9.8	20.0
Pyrene	Ave	1.234	1.328	0.6000	53800	50000	7.6	20.0
Bisphenol-A	Ave	0.6085	0.5569		45800	50000	-8.5	20.0
Butyl benzyl phthalate	Ave	0.5216	0.5381	0.0100	51600	50000	3.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Lab Sample ID: CCVIS 460-847119/2 Calibration Date: 05/27/2022 18:11

Instrument ID: CBNAMS5 Calib Start Date: 03/29/2022 09:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/29/2022 13:15

Lab File ID: X41844.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2141	0.3155		737	500	47.4*	20.0
Carbamazepine	Ave	0.4807	0.5090		52900	50000	5.9	20.0
3,3'-Dichlorobenzidine	Ave	0.4676	0.5574	0.0100	59600	50000	19.2	20.0
Benzo[a]anthracene	Ave	1.229	1.219	0.8000	49600	50000	-0.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7683	0.7829	0.0100	51000	50000	1.9	20.0
Chrysene	Ave	1.143	1.211	0.7000	53000	50000	5.9	20.0
Di-n-octyl phthalate	Ave	1.148	1.096	0.0100	47700	50000	-4.5	20.0
Benzo[b]fluoranthene	Ave	1.104	1.110		50300	50000	0.6	20.0
Benzo[k]fluoranthene	Ave	1.131	1.198	0.7000	53000	50000	5.9	20.0
Benzo[a]pyrene	Ave	1.061	1.100	0.7000	51800	50000	3.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.050	1.329	0.5000	63300	50000	26.6*	20.0
Dibenz(a,h)anthracene	Ave	1.110	1.202	0.4000	54200	50000	8.3	20.0
Benzo[g,h,i]perylene	Ave	1.171	1.234	0.5000	52700	50000	5.4	20.0
2-Fluorophenol (Surr)	Ave	1.380	1.171		42400	50000	-15.1	20.0
Phenol-d5 (Surr)	Ave	1.641	1.397		42600	50000	-14.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4153	0.3467		41700	50000	-16.5	20.0
2-Fluorobiphenyl	Ave	1.539	1.576		51200	50000	2.4	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.3388	0.4134		61000	50000	22.0*	20.0
Terphenyl-d14 (Surr)	Ave	1.095	1.182		54000	50000	8.0	20.0

Report Date: 30-May-2022 12:54:24 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41844.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 27-May-2022 18:11:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 12:54:22 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: khlungprakhons Date: 30-May-2022 12:54:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.663	1.663	0.000	94	21939	50.0	38.2	
	2 N-Nitrosodimethylamine	74	1.910	1.910	0.000	74	35137	50.0	39.4	
	3 Pyridine	79	1.928	1.928	0.000	86	105351	100.0	75.5	
$	4 2-Fluorophenol	112	3.063	3.063	0.000	94	69580	50.0	42.4	
	5 Benzaldehyde	77	3.899	3.899	0.000	87	13199	20.0	9.65	
$	6 Phenol-d5	99	3.975	3.975	0.000	92	82950	50.0	42.6	
	7 Phenol	94	3.987	3.987	0.000	73	90758	50.0	46.3	
	8 Aniline	93	3.993	3.993	0.000	80	97842	50.0	41.5	
	9 Bis(2-chloroethyl)ether	93	4.046	4.046	0.000	86	61213	50.0	43.7	
	11 2-Chlorophenol	128	4.110	4.110	0.000	90	80104	50.0	47.7	
	12 n-Decane	43	4.122	4.122	0.000	93	73154	50.0	30.9	
	13 1,3-Dichlorobenzene	146	4.246	4.246	0.000	96	89803	50.0	49.8	
*	14 1,4-Dichlorobenzene-d4	152	4.299	4.299	0.000	95	47517	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.316	4.316	0.000	94	91398	50.0	50.1	
	16 Benzyl alcohol	108	4.446	4.446	0.000	89	44797	50.0	43.7	
	17 1,2-Dichlorobenzene	146	4.463	4.463	0.000	96	86309	50.0	49.9	
	19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	86	91572	50.0	31.2	
	18 2-Methylphenol	108	4.569	4.569	0.000	68	63827	50.0	45.3	
	20 N-Methylaniline	106	4.687	4.687	0.000	84	108124	50.0	43.6	
	22 N-Nitrosodi-n-propylamine	70	4.693	4.693	0.000	79	48258	50.0	41.3	
	21 Acetophenone	105	4.693	4.693	0.000	84	99428	50.0	44.3	
	24 4-Methylphenol	108	4.722	4.722	0.000	11	67637	50.0	42.8	a
	23 3 & 4 Methylphenol	108	4.722	4.722	0.000	15	67637	50.0	42.8	a
	25 Hexachloroethane	117	4.775	4.775	0.000	89	31928	50.0	46.3	
$	26 Nitrobenzene-d5	82	4.846	4.846	0.000	83	75041	50.0	41.7	
	27 n,n'-Dimethylaniline	120	4.851	4.851	0.000	93	114330	50.0	46.9	
	28 Nitrobenzene	123	4.863	4.863	0.000	92	36149	50.0	47.7	
	31 Isophorone	82	5.081	5.081	0.000	96	126877	50.0	44.1	
	32 2-Nitrophenol	139	5.163	5.163	0.000	90	43596	50.0	51.1	
	33 2,4-Dimethylphenol	122	5.216	5.216	0.000	90	66827	50.0	48.0	
	34 Bis(2-chloroethoxy)methane	93	5.293	5.293	0.000	99	74899	50.0	43.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.351	5.351	0.000	67	36574	50.0	41.2	
36 2,4-Dichlorophenol	162	5.410	5.410	0.000	95	70515	50.0	55.9	
37 1,2,4-Trichlorobenzene	180	5.469	5.469	0.000	93	78290	50.0	56.2	
* 38 Naphthalene-d8	136	5.522	5.522	0.000	99	173137	40.0	40.0	
39 Naphthalene	128	5.540	5.540	0.000	99	218245	50.0	49.2	
40 4-Chloroaniline	127	5.610	5.610	0.000	91	93496	50.0	48.4	
130 2,6-Dichlorophenol	162	5.610	5.610	0.000	85	66044	50.0	53.2	
41 Hexachlorobutadiene	225	5.646	5.646	0.000	92	50051	50.0	56.5	
42 Caprolactam	113	5.951	5.951	0.000	88	7342	20.0	21.6	
43 4-Chloro-3-methylphenol	107	6.098	6.098	0.000	95	59334	50.0	47.3	
44 2-Methylnaphthalene	142	6.204	6.204	0.000	79	146626	50.0	49.2	
45 1-Methylnaphthalene	142	6.293	6.293	0.000	83	134967	50.0	49.5	
46 Hexachlorocyclopentadiene	237	6.340	6.340	0.000	73	48954	50.0	42.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.363	6.363	0.000	97	84961	50.0	58.1	
48 2-tertbutyl-4-methylphenol	149	6.398	6.398	0.000	76	95027	50.0	51.9	
49 2,4,6-Trichlorophenol	196	6.487	6.487	0.000	91	48442	50.0	49.7	
50 2,4,5-Trichlorophenol	196	6.540	6.540	0.000	68	54290	50.0	51.6	
$ 51 2-Fluorobiphenyl	172	6.551	6.551	0.000	97	180161	50.0	51.2	
52 1,1'-Biphenyl	154	6.645	6.645	0.000	95	180819	50.0	52.7	
53 2-Chloronaphthalene	162	6.669	6.669	0.000	96	142833	50.0	53.1	
54 Phenyl ether	170	6.745	6.745	0.000	81	100690	50.0	53.3	
56 2-Nitroaniline	65	6.787	6.787	0.000	87	38979	50.0	36.0	
57 1,3-Dimethylnaphthalene	156	6.875	6.875	0.000	89	115191	50.0	53.9	
58 Dimethyl phthalate	163	6.945	6.945	0.000	99	165443	50.0	54.5	
59 Coumarin	146	6.981	6.981	0.000	58	52924	50.0	48.7	
60 2,6-Dinitrotoluene	165	7.010	7.010	0.000	63	36496	50.0	54.4	
61 Acenaphthylene	152	7.057	7.057	0.000	82	220585	50.0	50.7	
64 3-Nitroaniline	138	7.187	7.187	0.000	62	40136	50.0	50.5	
* 65 Acenaphthene-d10	164	7.192	7.192	0.000	96	91448	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.204	7.204	0.000	93	131342	50.0	54.0	
67 Acenaphthene	154	7.222	7.222	0.000	85	125061	50.0	44.8	
68 2,4-Dinitrophenol	184	7.292	7.292	0.000	95	42900	100.0	97.0	
69 4-Nitrophenol	65	7.392	7.392	0.000	52	37456	100.0	64.4	
71 Dibenzofuran	168	7.392	7.392	0.000	87	200223	50.0	53.8	
70 2,4-Dinitrotoluene	165	7.404	7.404	0.000	89	50526	50.0	55.3	
72 2,3,4,6-Tetrachlorophenol	232	7.522	7.522	0.000	96	41739	50.0	47.8	
73 Diethyl phthalate	149	7.610	7.610	0.000	96	153780	50.0	50.0	
74 4-Chlorophenyl phenyl ether	204	7.710	7.710	0.000	76	76406	50.0	52.1	
75 Fluorene	166	7.716	7.716	0.000	81	152069	50.0	51.1	
76 4-Nitroaniline	138	7.775	7.775	0.000	87	37250	50.0	46.7	
77 4,6-Dinitro-2-methylphenol	198	7.798	7.798	0.000	82	57744	100.0	105.0	
78 N-Nitrosodiphenylamine	169	7.834	7.834	0.000	62	112156	50.0	50.5	
79 1,2-Diphenylhydrazine	77	7.863	7.863	0.000	87	131973	50.0	42.6	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	89	47258	50.0	61.0	
81 4-Bromophenyl phenyl ether	248	8.175	8.175	0.000	94	55976	50.0	57.5	
83 Hexachlorobenzene	284	8.234	8.234	0.000	93	75848	50.0	59.6	
84 Atrazine	200	8.345	8.345	0.000	90	20484	20.0	22.9	
86 Pentachloronitrobenzene	237	8.434	8.434	0.000	82	24985	50.0	51.0	
85 Pentachlorophenol	266	8.439	8.439	0.000	91	55080	100.0	71.7	
87 n-Octadecane	57	8.492	8.492	0.000	95	80624	50.0	36.3	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	173787	40.0	40.0	
89 Phenanthrene	178	8.628	8.628	0.000	96	236172	50.0	52.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.681	8.681	0.000	99	240002	50.0	51.9	
91 Carbazole	167	8.845	8.845	0.000	81	216008	50.0	50.9	
92 Di-n-butyl phthalate	149	9.157	9.157	0.000	99	260227	50.0	49.6	
93 Fluoranthene	202	9.763	9.763	0.000	98	267179	50.0	52.9	
94 Benzidine	184	9.904	9.904	0.000	99	137153	50.0	45.1	
95 Pyrene	202	9.981	9.981	0.000	98	268509	50.0	53.8	
82 Bisphenol-A	213	10.039	10.039	0.000	98	112622	50.0	45.8	
$ 96 Terphenyl-d14	244	10.122	10.122	0.000	98	239115	50.0	54.0	
97 Butyl benzyl phthalate	149	10.622	10.622	0.000	93	108805	50.0	51.6	
98 2,3,7,8-TCDD	320	10.733	10.733	0.000	20	638	0.5000	0.7368	
99 Carbamazepine	193	10.745	10.745	0.000	90	102932	50.0	52.9	
100 3,3'-Dichlorobenzidine	252	11.222	11.222	0.000	98	112718	50.0	59.6	
101 Benzo[a]anthracene	228	11.245	11.245	0.000	98	246548	50.0	49.6	
* 102 Chrysene-d12	240	11.257	11.257	0.000	97	161771	40.0	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.269	11.269	0.000	84	158308	50.0	51.0	
103 Chrysene	228	11.286	11.286	0.000	95	244819	50.0	53.0	
105 Di-n-octyl phthalate	149	12.110	12.110	0.000	93	276618	50.0	47.7	
106 Benzo[b]fluoranthene	252	12.633	12.633	0.000	97	280299	50.0	50.3	
107 Benzo[k]fluoranthene	252	12.669	12.669	0.000	99	302514	50.0	53.0	
108 Benzo[a]pyrene	252	13.092	13.092	0.000	97	277704	50.0	51.8	
* 109 Perylene-d12	264	13.174	13.174	0.000	99	201984	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.780	14.780	0.000	98	335650	50.0	63.3	M
111 Dibenz(a,h)anthracene	278	14.804	14.804	0.000	90	303544	50.0	54.2	
112 Benzo[g,h,i]perylene	276	15.227	15.227	0.000	92	311468	50.0	52.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00004 Amount Added: 1.00 Units: mL

Report Date: 30-May-2022 12:54:24 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41844.d

Injection Date: 27-May-2022 18:11:30 Instrument ID: CBNAMS5

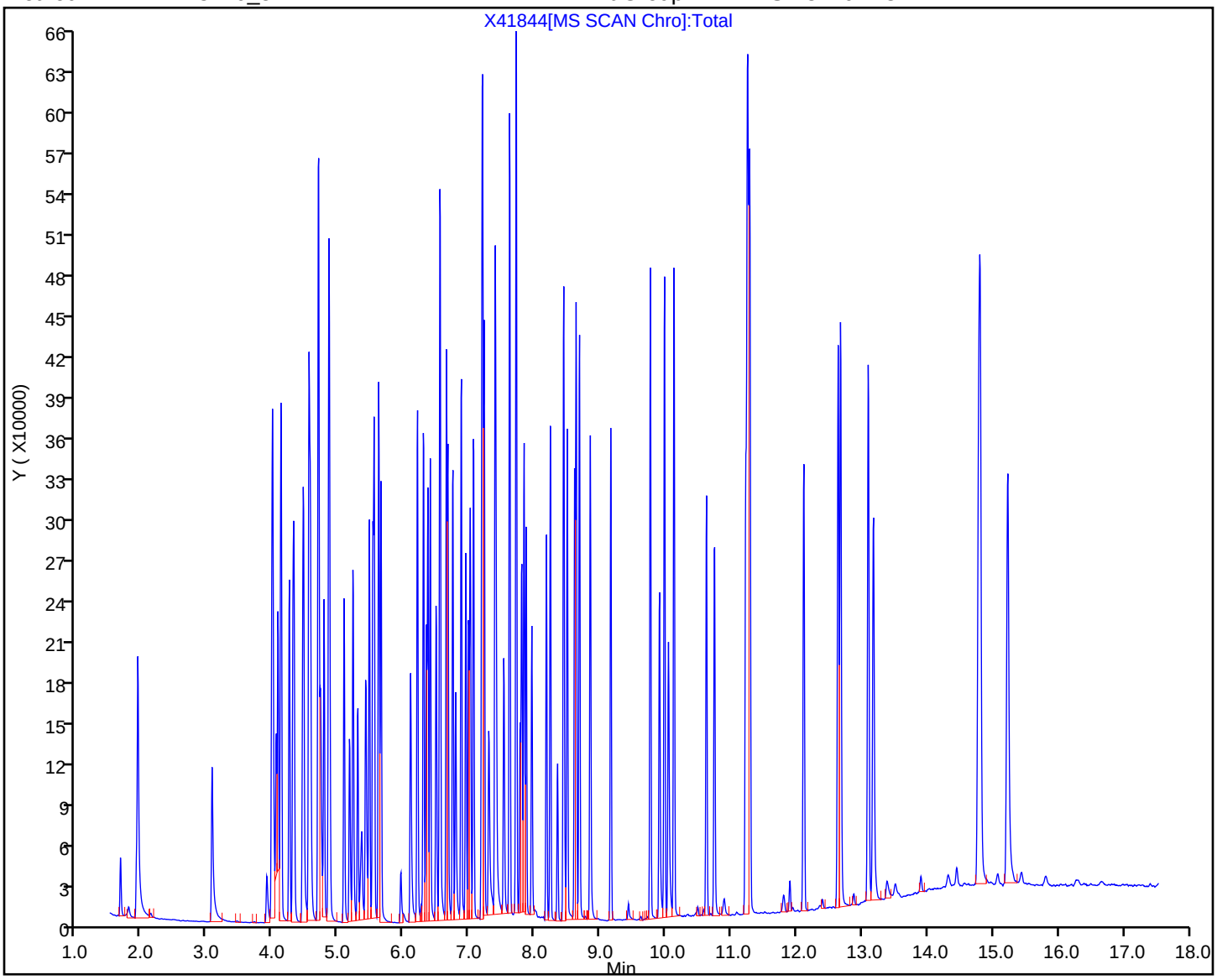
Lims ID: CCVIS

Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Manual Integration/User Assign Peak Report

Eurofins Edison

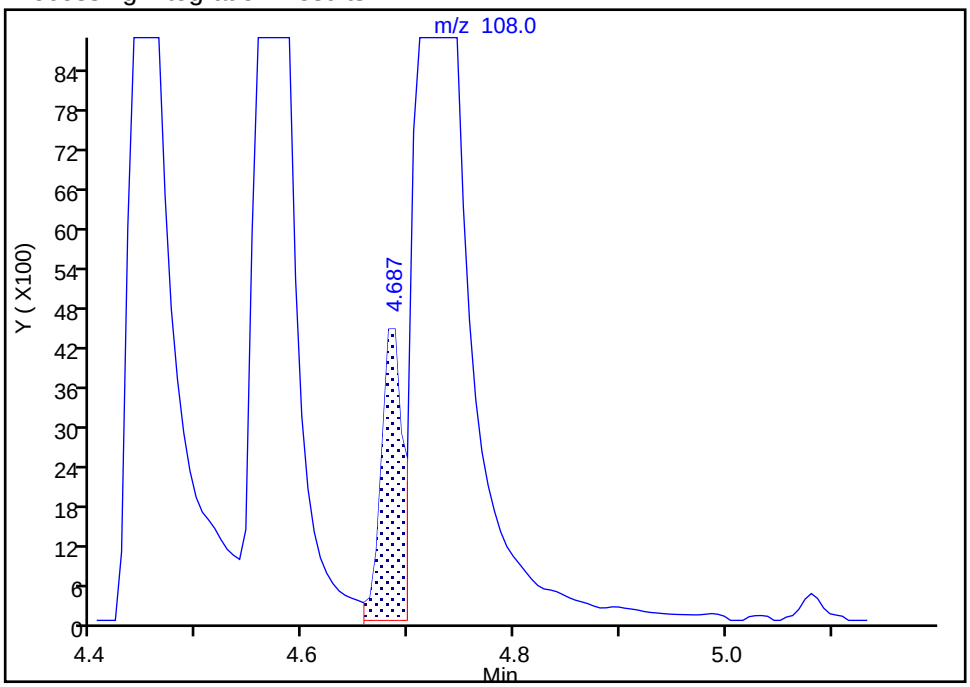
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Injection Date: 27-May-2022 18:11:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

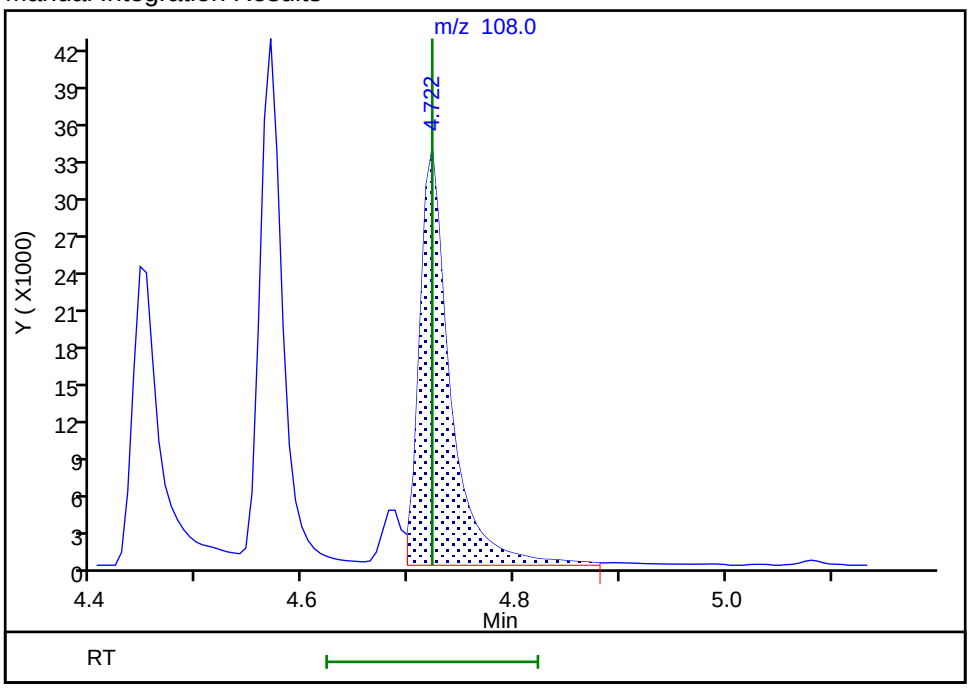
Processing Integration Results

RT: 4.69
Area: 6517
Amount: 4.122454
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 67637
Amount: 42.785085
Amount Units: ug/ml



Reviewer: hamziy, 27-May-2022 18:38:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

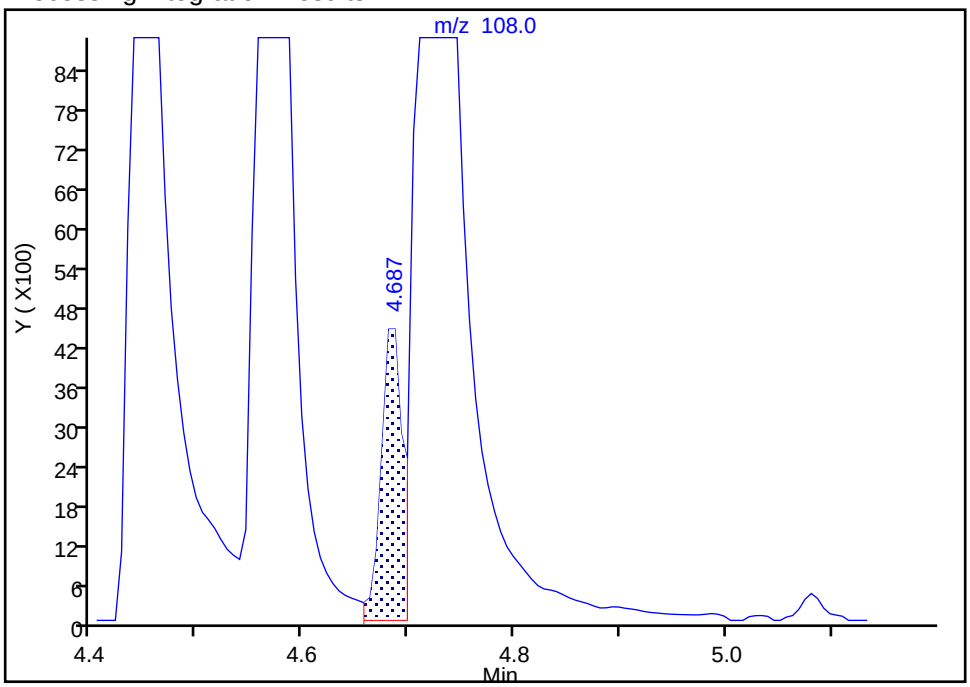
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Injection Date: 27-May-2022 18:11:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

Signal: 1

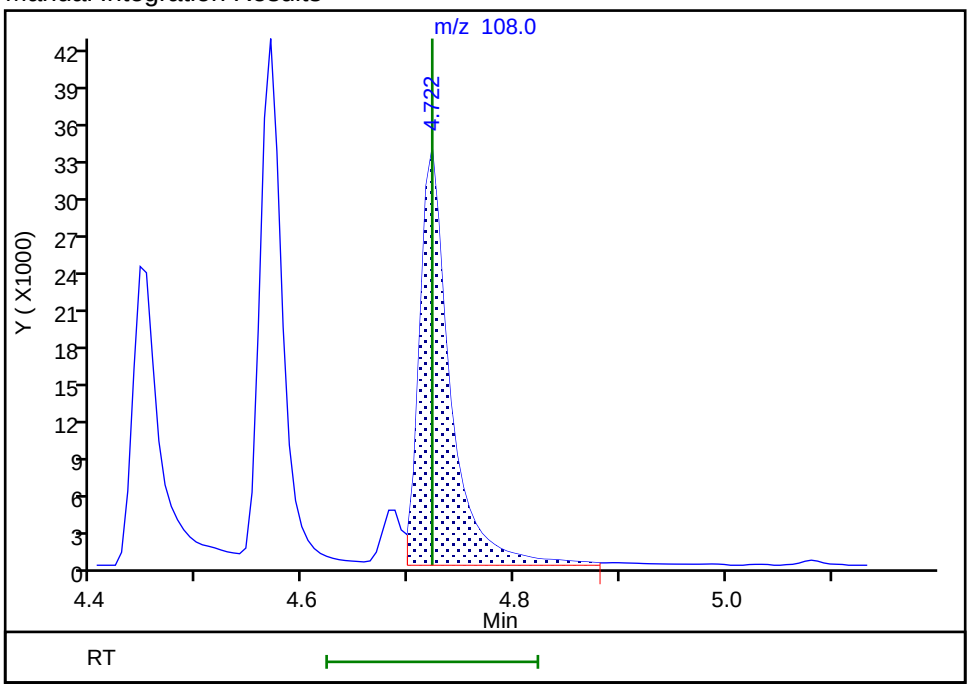
Processing Integration Results

RT: 4.69
Area: 6517
Amount: 4.122454
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 67637
Amount: 42.785085
Amount Units: ug/ml



Reviewer: hamziy, 27-May-2022 18:38:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

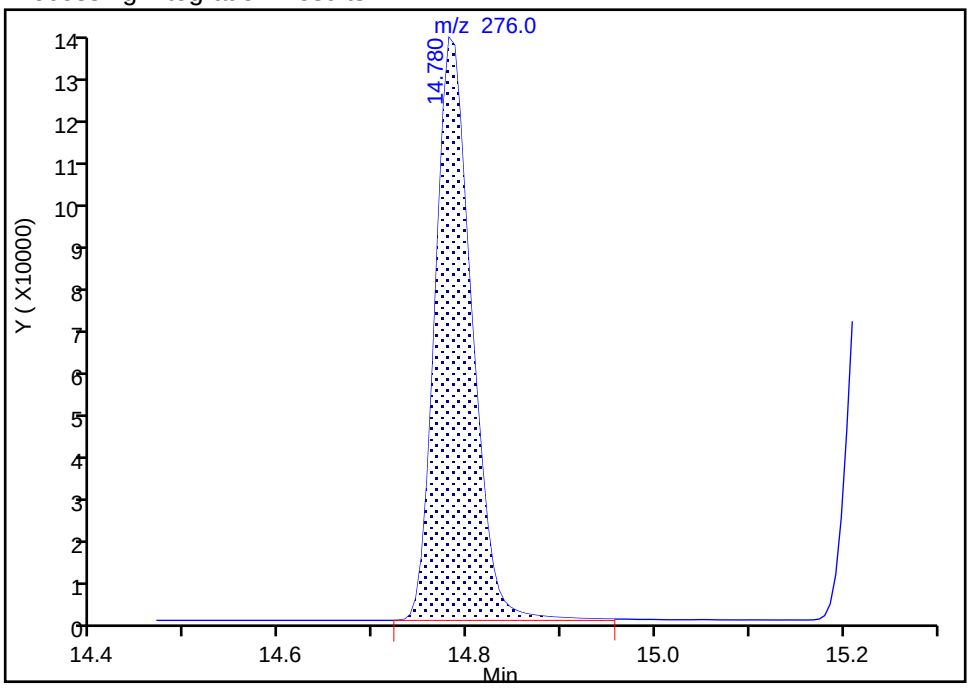
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41844.d
Injection Date: 27-May-2022 18:11:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

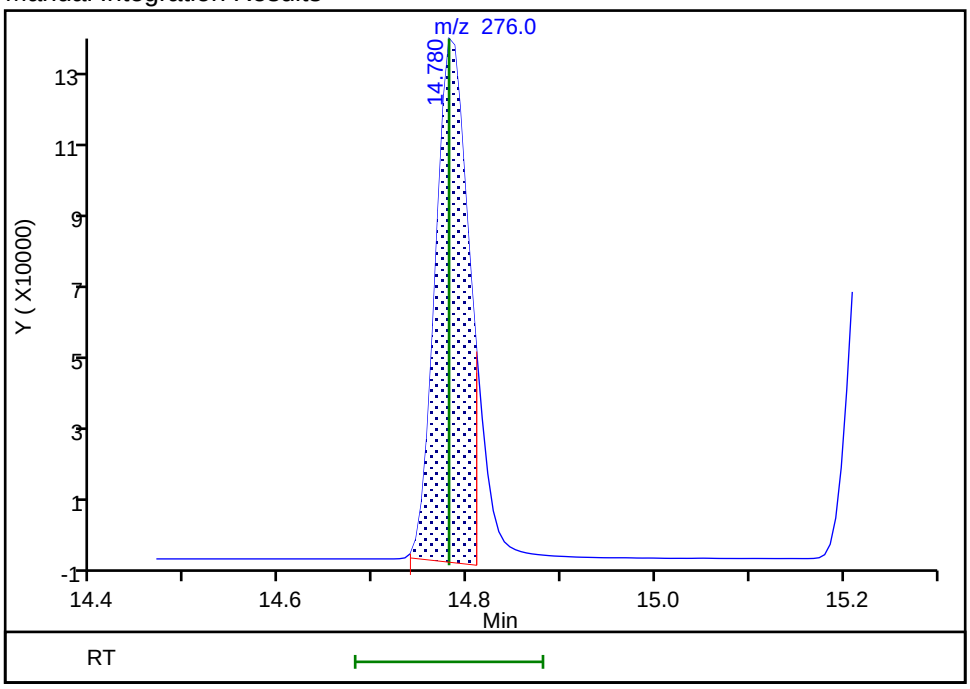
Processing Integration Results

RT: 14.78
Area: 368821
Amount: 69.572499
Amount Units: ug/ml



Manual Integration Results

RT: 14.78
Area: 335650
Amount: 63.315292
Amount Units: ug/ml



Reviewer: hamziy, 27-May-2022 18:38:41
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Mar-2022 09:43:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0143349-001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Mar-2022 14:10:02 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: johnstonm1 Date: 29-Mar-2022 14:10:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.757	4.757	0.000	90	42535	NR	NR	
124 DFTPP									
55 Benzidine_T	184	5.993	5.993	0.000	99	242061	NR	NR	
125 4,4'-DDE	246	6.134	6.134	0.000	1	89		NC	
126 4,4'-DDD	235	6.434	6.434	0.000	1	465		NC	
127 4,4'-DDT	235	6.651	6.651	0.000	99	110630	NC	NC	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

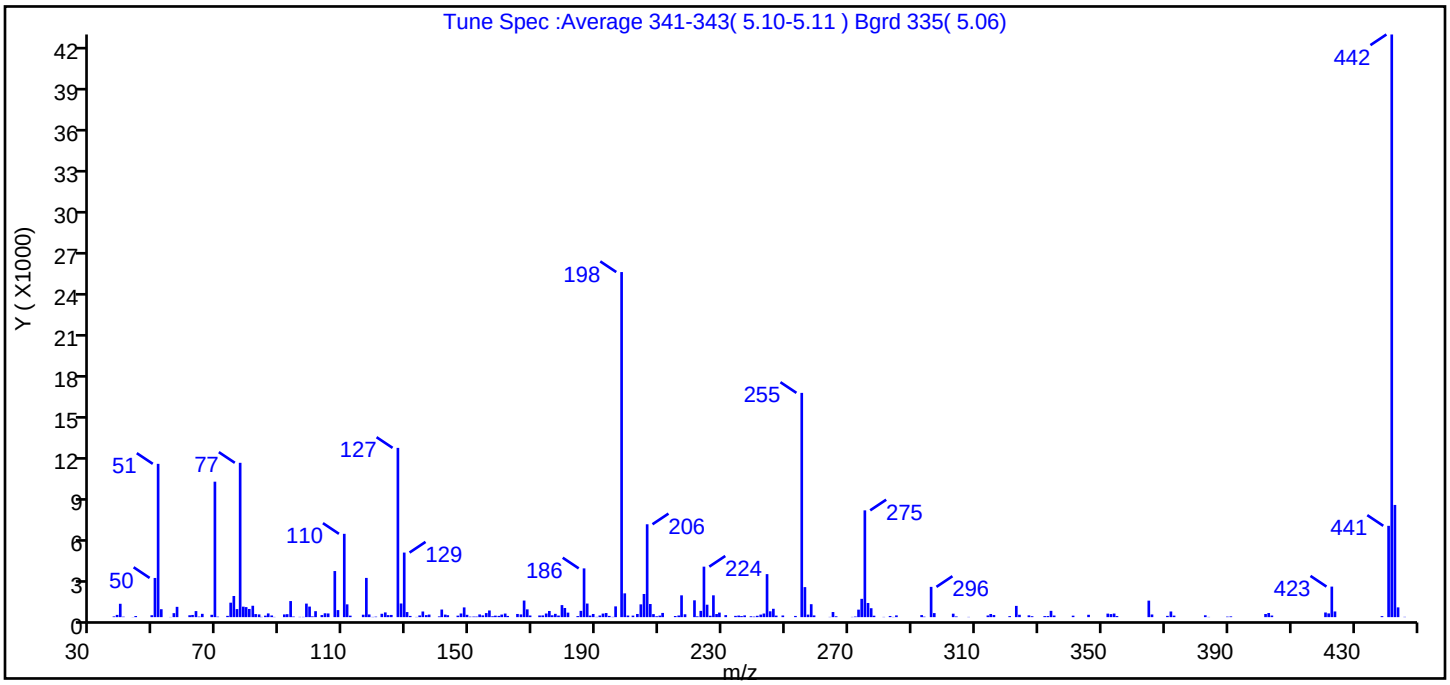
SMDFTP_CH_00033 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.7)
69	Present	39.3
70	<2% of m/z 69	0.1 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.9
365	>1% of m/z 198	4.8
441	<150% of m/z 443	26.5 (81.4)
442	Present	168.8
443	15-24% of m/z 442	32.5 (19.3)

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d\8270_5R.rslt\spectra.d
Injection Date: 29-Mar-2022 09:43:30
Spectrum: Tune Spec :Average 341-343(5.10-5.11) Bgrd 335(5.06)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 232

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	55	119.00	17	190.00	20	272.00	44
38.00	165	120.00	37	191.00	120	273.00	550
39.00	980	122.00	247	192.00	262	274.00	1342
40.00	35	123.00	346	193.00	302	275.00	7828
43.00	8	124.00	148	194.00	92	276.00	1037
44.00	82	125.00	161	195.00	19	277.00	655
49.00	139	127.00	12408	196.00	790	278.00	105
50.00	2873	128.00	1001	198.00	25296	281.00	17
51.00	11238	129.00	4734	199.00	1744	283.00	85
52.00	581	130.00	372	200.00	118	284.00	16
55.00	13	131.00	91	202.00	112	285.00	128
56.00	292	133.00	15	203.00	232	293.00	151
57.00	755	134.00	124	204.00	938	294.00	36
61.00	138	135.00	414	205.00	1698	296.00	2219
62.00	160	136.00	147	206.00	6808	297.00	297
63.00	444	137.00	188	207.00	962	303.00	254
64.00	37	140.00	54	208.00	222	304.00	50
65.00	243	141.00	558	209.00	63	308.00	17
68.00	172	142.00	187	210.00	112	314.00	122
69.00	9930	143.00	140	211.00	309	315.00	231
70.00	36	146.00	109	215.00	83	316.00	154
73.00	95	147.00	269	216.00	119	321.00	74
74.00	1060	148.00	714	217.00	1599	323.00	825
75.00	1551	149.00	171	218.00	210	324.00	173
76.00	591	150.00	36	221.00	1233	327.00	131
77.00	11314	151.00	42	222.00	56	328.00	68
78.00	769	152.00	41	223.00	459	332.00	76
79.00	735	153.00	199	224.00	3701	333.00	79
80.00	600	154.00	130	225.00	912	334.00	462
81.00	835	155.00	297	226.00	102	335.00	117
82.00	225	156.00	488	227.00	1600	341.00	108
83.00	200	157.00	64	228.00	228	346.00	173
84.00	18	158.00	110	229.00	333	352.00	259

Report Date: 29-Mar-2022 14:10:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d\8270_5R.rslt\spectra.d
Injection Date: 29-Mar-2022 09:43:30
Spectrum: Tune Spec :Average 341-343(5.10-5.11) Bgrd 335(5.06)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 232

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	109	159.00	93	231.00	146	353.00	225
86.00	273	160.00	189	234.00	94	354.00	263
87.00	122	161.00	263	235.00	115	355.00	79
88.00	17	162.00	89	236.00	77	365.00	1210
91.00	199	165.00	233	237.00	128	366.00	196
92.00	217	166.00	201	239.00	63	371.00	94
93.00	1179	167.00	1216	240.00	40	372.00	415
94.00	45	168.00	571	241.00	100	373.00	111
96.00	19	169.00	121	242.00	187	383.00	136
97.00	19	172.00	122	243.00	265	384.00	17
98.00	993	173.00	127	244.00	3154	390.00	39
99.00	774	174.00	266	245.00	428	391.00	57
100.00	53	175.00	451	246.00	613	402.00	230
101.00	437	176.00	136	247.00	112	403.00	304
103.00	151	177.00	242	249.00	121	404.00	118
104.00	283	178.00	116	253.00	89	421.00	341
105.00	271	179.00	882	255.00	16440	422.00	274
107.00	3379	180.00	671	256.00	2201	423.00	2239
108.00	517	181.00	330	257.00	186	424.00	417
110.00	6108	184.00	77	258.00	950	439.00	74
111.00	938	185.00	460	259.00	126	441.00	6694
112.00	109	186.00	3574	264.00	18	442.00	42712
116.00	178	187.00	997	265.00	376	443.00	8225
117.00	2876	188.00	116	266.00	62	444.00	717
118.00	197	189.00	232	271.00	18	446.00	21

Report Date: 29-Mar-2022 14:10:03 Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d

Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5

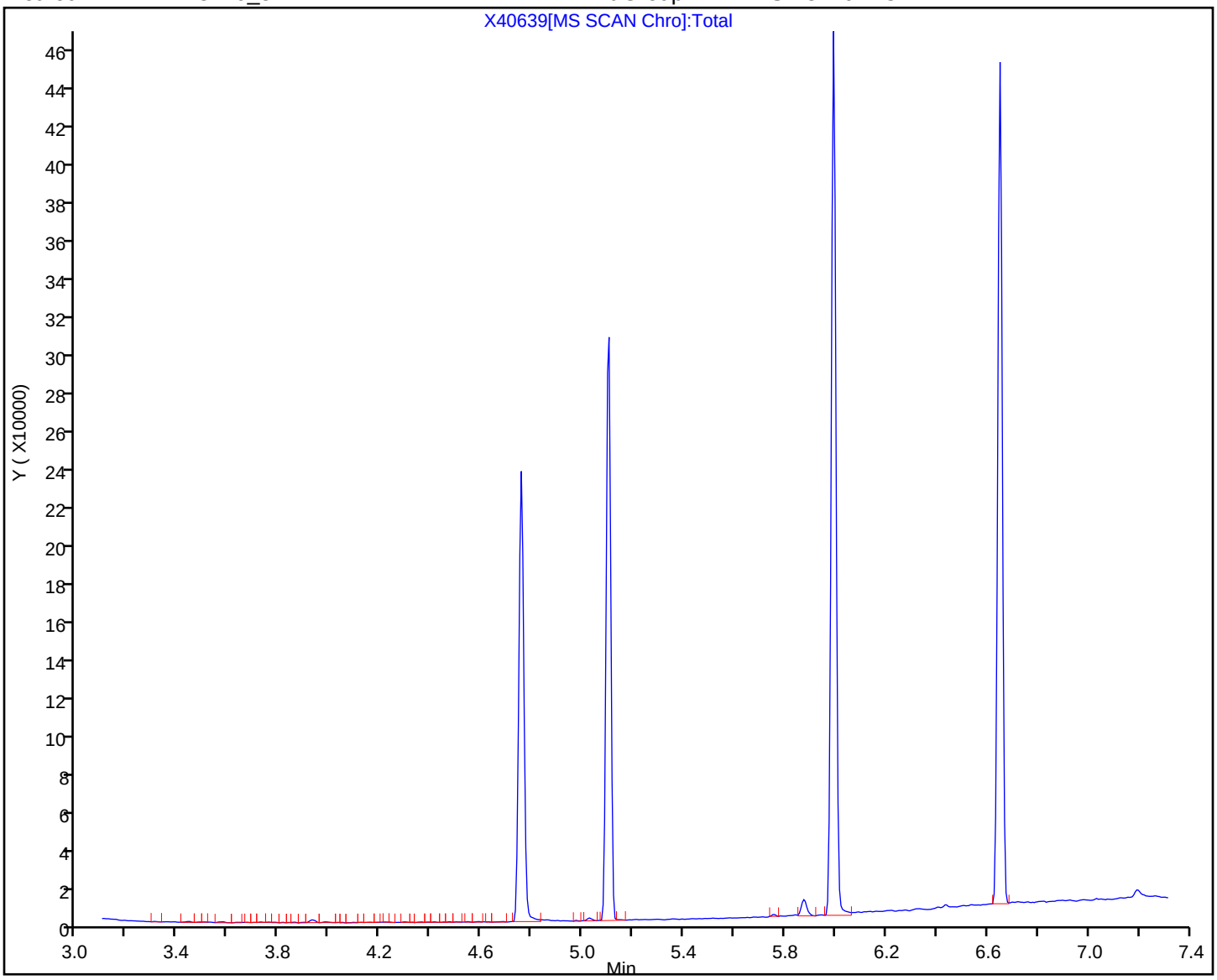
Lims ID: DFTPP

Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

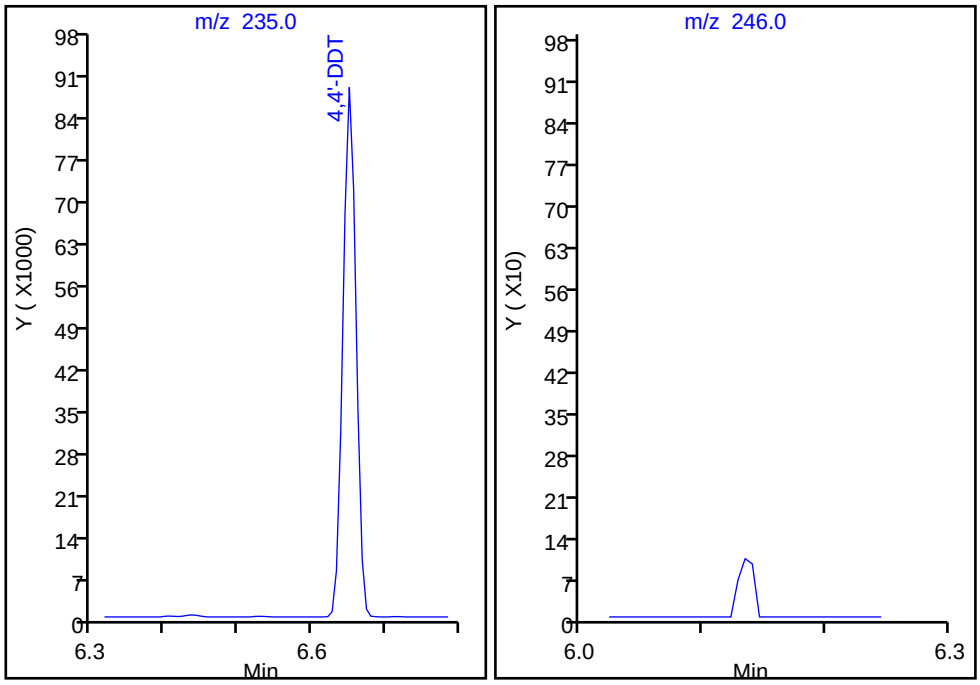
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 110630
126 4,4'-DDD, Area = 465
125 4,4'-DDE, Area = 89

%Breakdown: 0.50%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

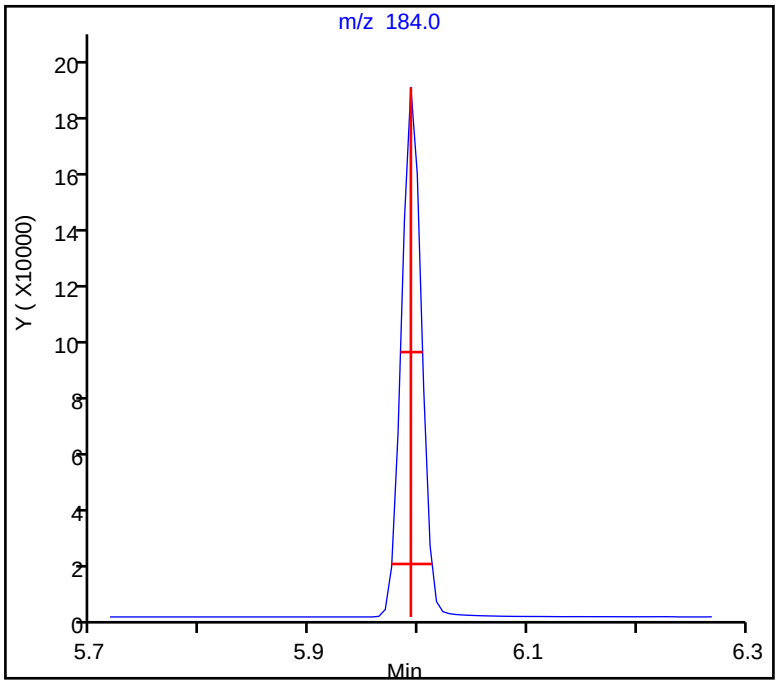
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.11, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

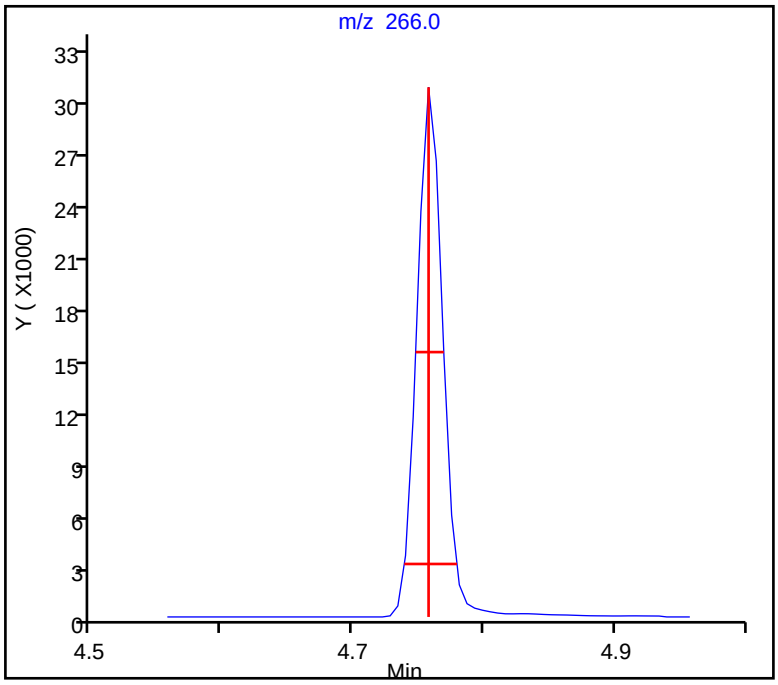
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40639.d
Injection Date: 29-Mar-2022 09:43:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.16, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847011/1-A

Matrix: Solid | Lab File ID: X41846.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	0.012	U	0.33	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	0.010	U	0.33	0.010
123-91-1	1,4-Dioxane	0.029	U	0.033	0.029
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
58-90-2	2,3,4,6-Tetrachlorophenol	0.022	U	0.33	0.022
95-95-4	2,4,5-Trichlorophenol	0.034	U	0.33	0.034
88-06-2	2,4,6-Trichlorophenol	0.042	U	0.13	0.042
120-83-2	2,4-Dichlorophenol	0.021	U	0.13	0.021
105-67-9	2,4-Dimethylphenol	0.039	U	0.33	0.039
51-28-5	2,4-Dinitrophenol	0.16	U	0.27	0.16
121-14-2	2,4-Dinitrotoluene	0.036	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
95-57-8	2-Chlorophenol	0.012	U	0.33	0.012
91-57-6	2-Methylnaphthalene	0.0093	U	0.33	0.0093
95-48-7	2-Methylphenol	0.012	U	0.33	0.012
88-74-4	2-Nitroaniline	0.025	U	0.33	0.025
88-75-5	2-Nitrophenol	0.033	U	0.33	0.033
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
99-09-2	3-Nitroaniline	0.079	U	0.33	0.079
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.27	0.14
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
59-50-7	4-Chloro-3-methylphenol	0.019	U	0.33	0.019
106-47-8	4-Chloroaniline	0.059	U	0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
106-44-5	4-Methylphenol	0.021	U	0.33	0.021
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
100-02-7	4-Nitrophenol	0.054	U	0.67	0.054
83-32-9	Acenaphthene	0.0094	U	0.33	0.0094
208-96-8	Acenaphthylene	0.0095	U	0.33	0.0095
98-86-2	Acetophenone	0.016	U	0.33	0.016
120-12-7	Anthracene	0.010	U	0.33	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847011/1-A

Matrix: Solid | Lab File ID: X41846.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	0.019	U	0.13	0.019
100-52-7	Benzaldehyde	0.055	U	0.33	0.055
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
105-60-2	Caprolactam	0.051	U	0.33	0.051
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.0056	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
132-64-9	Dibenzofuran	0.011	U	0.33	0.011
84-66-2	Diethyl phthalate	0.011	U	0.33	0.011
131-11-3	Dimethyl phthalate	0.075	U	0.33	0.075
84-74-2	Di-n-butyl phthalate	0.012	U	0.33	0.012
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0097	U	0.33	0.0097
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0070	U	0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
78-59-1	Isophorone	0.096	U	0.13	0.096
91-20-3	Naphthalene	0.0057	U	0.33	0.0057
98-95-3	Nitrobenzene	0.018	U	0.033	0.018
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.027	U	0.33	0.027

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847011/1-A

Matrix: Solid | Lab File ID: X41846.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	0.068	U	0.27	0.068
85-01-8	Phenanthrene	0.0058	U	0.33	0.0058
108-95-2	Phenol	0.012	U	0.33	0.012
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	105		10-123
321-60-8	2-Fluorobiphenyl	92		22-122
367-12-4	2-Fluorophenol (Surr)	73		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	75		16-125
4165-62-2	Phenol-d5 (Surr)	78		23-120
1718-51-0	Terphenyl-d14 (Surr)	95		25-126

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

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-847011/1-A

Matrix: Solid | Lab File ID: X41846.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41846.d
Lims ID: MB 460-847011/1-A
Client ID:
Sample Type: MB
Inject. Date: 27-May-2022 19:07:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 12:56:26 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: khlungprakhons Date: 30-May-2022 12:57:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.069	3.063	0.006	94	47273	50.0	36.7	
$ 6 Phenol-d5	99	3.981	4.063	0.006	96	59774	50.0	39.1	
* 14 1,4-Dichlorobenzene-d4	152	4.298	4.299	-0.001	95	37313	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.846	4.846	0.000	89	53754	50.0	37.6	
* 38 Naphthalene-d8	136	5.522	5.522	0.000	99	137808	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.551	6.551	0.000	97	131371	50.0	45.8	
* 65 Acenaphthene-d10	164	7.192	7.192	0.000	95	74578	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	89	33238	50.0	52.6	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	150982	40.0	40.0	
$ 96 Terphenyl-d14	244	10.122	10.122	0.000	97	195696	50.0	47.3	
* 102 Chrysene-d12	240	11.251	11.257	-0.006	99	151008	40.0	40.0	
* 109 Perylene-d12	264	13.168	13.174	-0.006	99	185096	40.0	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-May-2022 12:57:10 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41846.d

Injection Date: 27-May-2022 19:07:30 Instrument ID: CBNAMS5

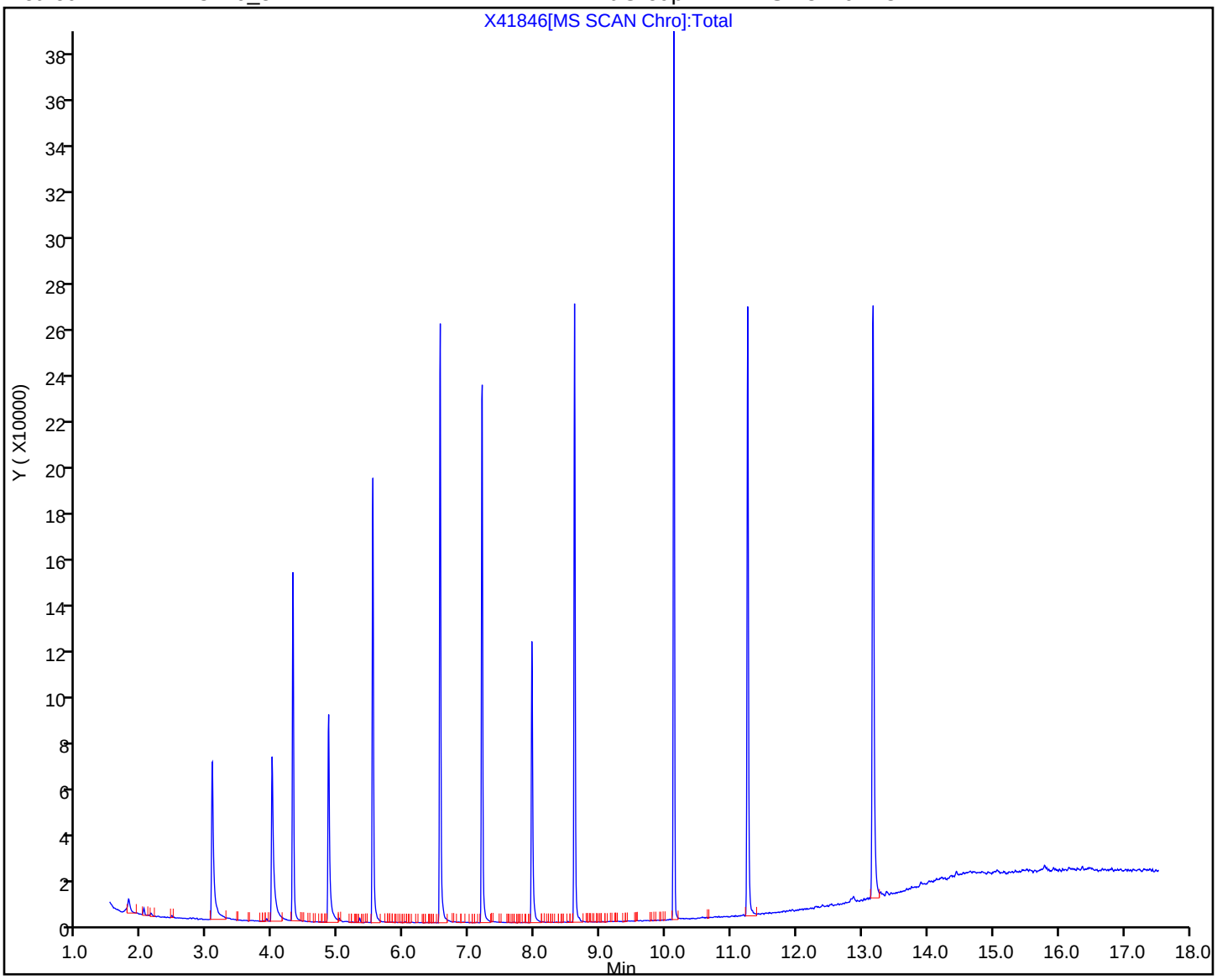
Lims ID: MB 460-847011/1-A

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41846.d
Lims ID: MB 460-847011/1-A
Client ID:
Sample Type: MB
Inject. Date: 27-May-2022 19:07:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 12:56:26 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: khlungprakhons Date: 30-May-2022 12:57:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	50.0	36.7	73.42
$ 6 Phenol-d5	50.0	39.1	78.11
$ 26 Nitrobenzene-d5	50.0	37.6	75.15
$ 51 2-Fluorobiphenyl	50.0	45.8	91.60
$ 80 2,4,6-Tribromophenol	50.0	52.6	105.24
$ 96 Terphenyl-d14	50.0	47.3	94.70

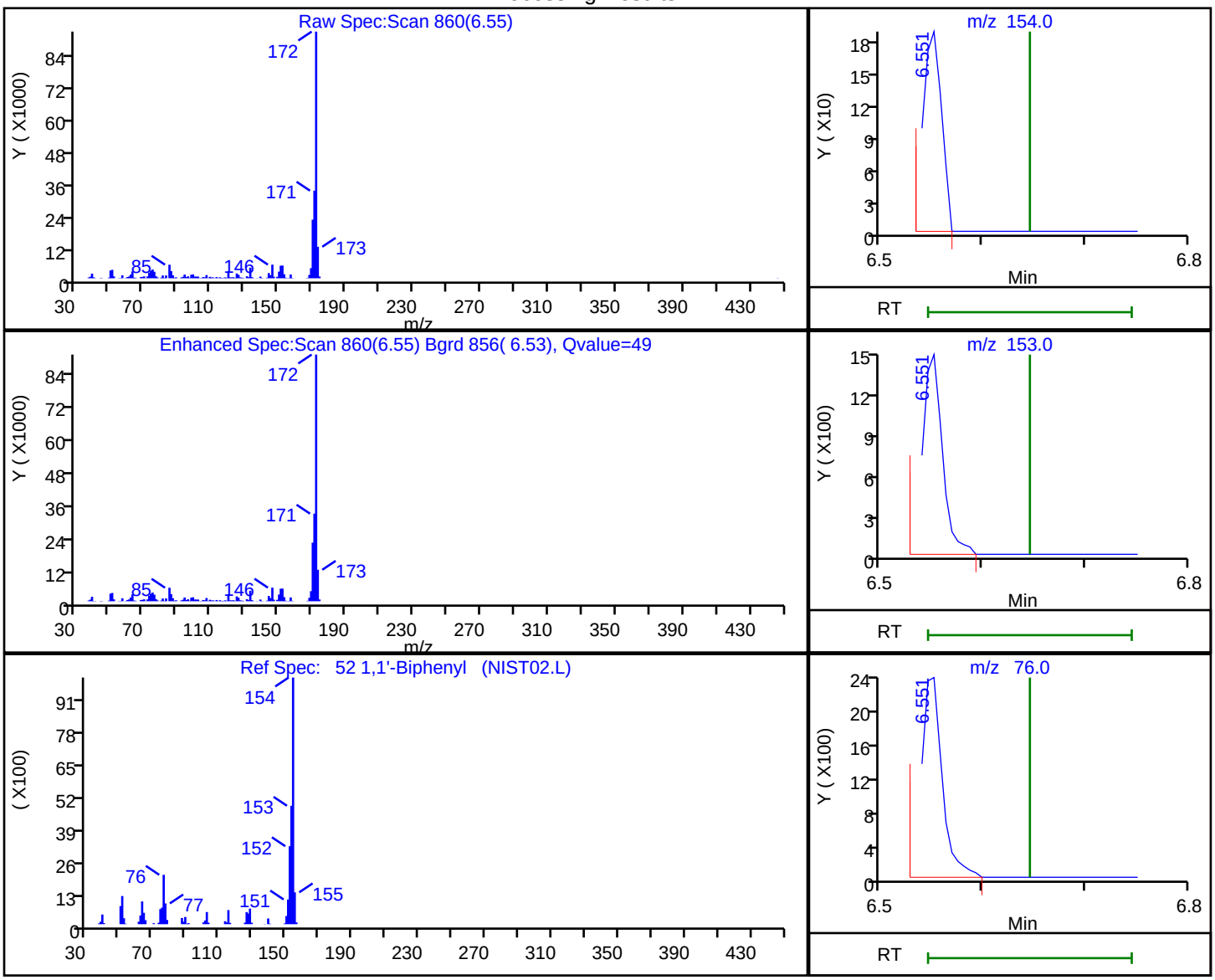
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41846.d				
Injection Date:	27-May-2022 19:07:30	Instrument ID:	CBNAMS5		
Lims ID:	MB 460-847011/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.55	154.00	229	0.081834
6.55	153.00	1999	
6.55	76.00	3340	

Reviewer: hamziy, 28-May-2022 17:51:18

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

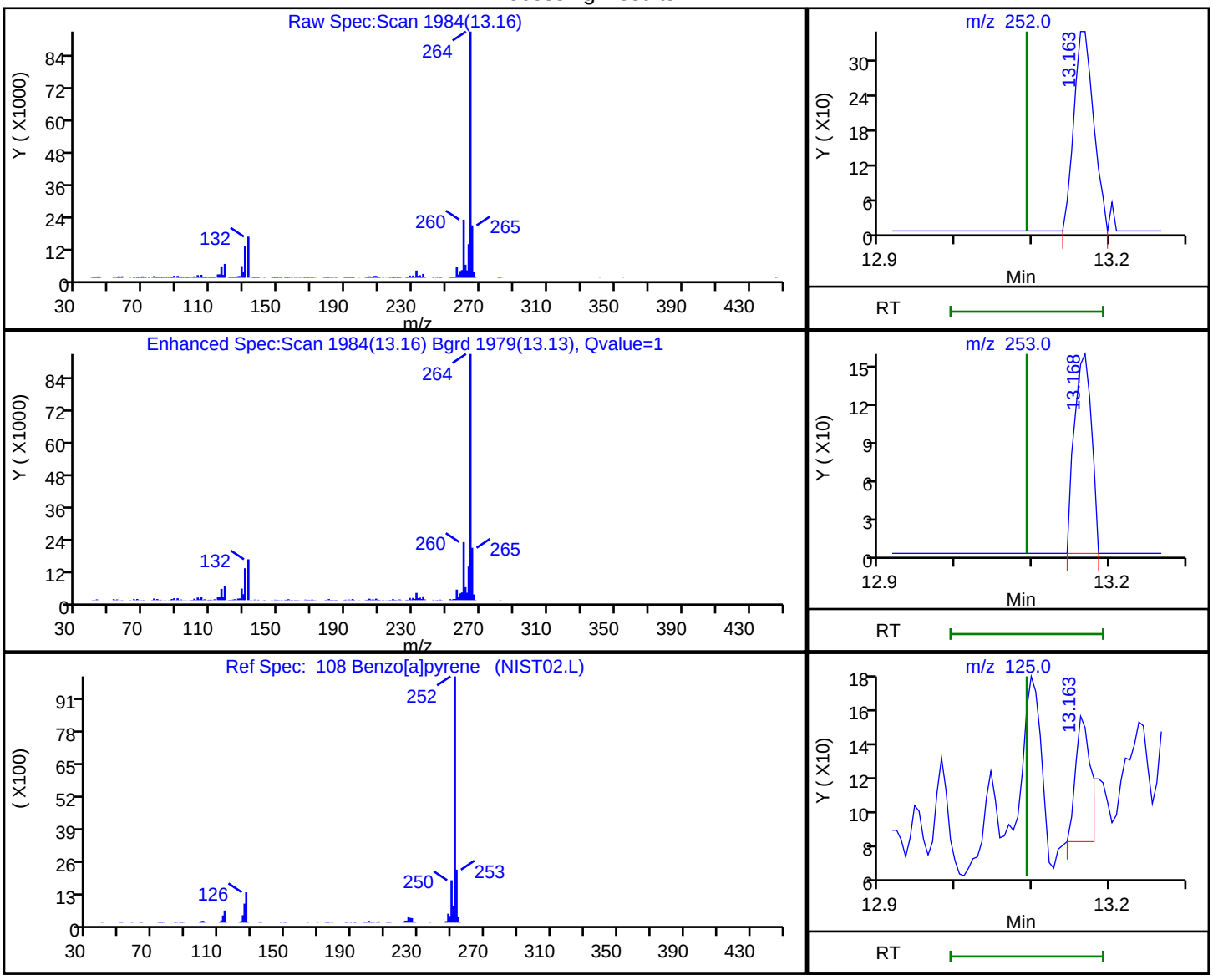
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41846.d				
Injection Date:	27-May-2022 19:07:30	Instrument ID:	CBNAMS5		
Lims ID:	MB 460-847011/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ugAOC/L	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.16	252.00	629	0.128097
13.17	253.00	241	
13.16	125.00	90	

Reviewer: hamziy, 28-May-2022 17:51:22

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

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-847011/2-A

Matrix: Solid | Lab File ID: X41847.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	2.99		0.33	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	3.19		0.33	0.010
123-91-1	1,4-Dioxane	2.02		0.033	0.029
108-60-1	2,2'-oxybis[1-chloropropane]	1.67		0.33	0.0060
58-90-2	2,3,4,6-Tetrachlorophenol	2.72		0.33	0.022
95-95-4	2,4,5-Trichlorophenol	3.02		0.33	0.034
88-06-2	2,4,6-Trichlorophenol	2.85		0.13	0.042
120-83-2	2,4-Dichlorophenol	3.17		0.13	0.021
105-67-9	2,4-Dimethylphenol	2.73		0.33	0.039
51-28-5	2,4-Dinitrophenol	5.61		0.27	0.16
121-14-2	2,4-Dinitrotoluene	3.13		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.16		0.067	0.024
91-58-7	2-Chloronaphthalene	2.92		0.33	0.015
95-57-8	2-Chlorophenol	2.70		0.33	0.012
91-57-6	2-Methylnaphthalene	2.81		0.33	0.0093
95-48-7	2-Methylphenol	2.59		0.33	0.012
88-74-4	2-Nitroaniline	1.95		0.33	0.025
88-75-5	2-Nitrophenol	2.90		0.33	0.033
91-94-1	3,3'-Dichlorobenzidine	2.97		0.13	0.050
99-09-2	3-Nitroaniline	2.81		0.33	0.079
534-52-1	4,6-Dinitro-2-methylphenol	5.73		0.27	0.14
101-55-3	4-Bromophenyl phenyl ether	3.12		0.33	0.013
59-50-7	4-Chloro-3-methylphenol	2.86		0.33	0.019
106-47-8	4-Chloroaniline	2.68		0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	3.07		0.33	0.012
106-44-5	4-Methylphenol	2.50		0.33	0.021
100-01-6	4-Nitroaniline	2.78		0.33	0.038
100-02-7	4-Nitrophenol	3.67		0.67	0.054
83-32-9	Acenaphthene	2.55		0.33	0.0094
208-96-8	Acenaphthylene	2.77		0.33	0.0095
98-86-2	Acetophenone	2.57		0.33	0.016
120-12-7	Anthracene	2.93		0.33	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-847011/2-A

Matrix: Solid | Lab File ID: X41847.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	1.28		0.13	0.019
100-52-7	Benzaldehyde	0.950		0.33	0.055
56-55-3	Benzo[a]anthracene	2.81		0.033	0.012
50-32-8	Benzo[a]pyrene	2.68		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	2.96		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.98		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.77		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.49		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.60		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.76		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.86		0.33	0.016
105-60-2	Caprolactam	1.31		0.33	0.051
86-74-8	Carbazole	2.87		0.33	0.013
218-01-9	Chrysene	2.76		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	3.16		0.033	0.014
132-64-9	Dibenzofuran	3.06		0.33	0.011
84-66-2	Diethyl phthalate	2.95		0.33	0.011
131-11-3	Dimethyl phthalate	3.09		0.33	0.075
84-74-2	Di-n-butyl phthalate	2.82		0.33	0.012
117-84-0	Di-n-octyl phthalate	2.60		0.33	0.018
206-44-0	Fluoranthene	2.95		0.33	0.012
86-73-7	Fluorene	3.03		0.33	0.0097
118-74-1	Hexachlorobenzene	3.21		0.033	0.016
87-68-3	Hexachlorobutadiene	3.17		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.09		0.33	0.029
67-72-1	Hexachloroethane	2.62		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	3.87		0.033	0.013
78-59-1	Isophorone	2.49		0.13	0.096
91-20-3	Naphthalene	2.89		0.33	0.0057
98-95-3	Nitrobenzene	2.76		0.033	0.018
621-64-7	N-Nitrosodi-n-propylamine	2.38		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.81		0.33	0.027

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-847011/2-A

Matrix: Solid | Lab File ID: X41847.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	3.80		0.27	0.068
85-01-8	Phenanthrene	2.84		0.33	0.0058
108-95-2	Phenol	2.66		0.33	0.012
129-00-0	Pyrene	2.87		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	100		10-123
321-60-8	2-Fluorobiphenyl	81		22-122
367-12-4	2-Fluorophenol (Surr)	68		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	68		16-125
4165-62-2	Phenol-d5 (Surr)	69		23-120
1718-51-0	Terphenyl-d14 (Surr)	83		25-126

Report Date: 30-May-2022 12:57:59 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41847.d
Lims ID: LCS 460-847011/2-A
Client ID:
Sample Type: LCS
Inject. Date: 27-May-2022 19:31:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-005
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 12:57:58 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 17:51:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.669	1.663	0.006	95	14686	50.0	30.3	
2 N-Nitrosodimethylamine	74	1.916	1.910	0.006	76	24081	50.0	31.9	
3 Pyridine	79	1.934	1.928	0.006	87	69734	100.0	59.1	
$ 4 2-Fluorophenol	112	3.069	3.063	0.006	94	47043	50.0	33.9	
5 Benzaldehyde	77	3.898	3.899	-0.001	87	16464	20.0	14.2	
$ 6 Phenol-d5	99	3.975	4.063	0.000	92	57230	50.0	34.7	
7 Phenol	94	3.992	4.075	0.005	73	66142	50.0	39.9	
8 Aniline	93	3.992	3.993	-0.001	81	68747	50.0	34.5	
9 Bis(2-chloroethyl)ether	93	4.045	4.046	-0.001	85	46094	50.0	39.0	
11 2-Chlorophenol	128	4.110	4.110	0.000	89	57474	50.0	40.5	
12 n-Decane	43	4.122	4.122	0.000	93	51569	50.0	25.8	
13 1,3-Dichlorobenzene	146	4.245	4.246	-0.001	96	64445	50.0	42.3	
* 14 1,4-Dichlorobenzene-d4	152	4.298	4.299	-0.001	95	40159	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.316	4.316	0.000	93	67034	50.0	43.5	
16 Benzyl alcohol	108	4.451	4.445	0.005	87	31410	50.0	36.2	
17 1,2-Dichlorobenzene	146	4.463	4.463	0.000	95	63507	50.0	43.4	
19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	85	62156	50.0	25.0	
18 2-Methylphenol	108	4.569	4.569	0.000	76	46245	50.0	38.8	
20 N-Methylaniline	106	4.687	4.710	0.000	86	83663	50.0	39.9	
22 N-Nitrosodi-n-propylamine	70	4.692	4.698	-0.001	76	35331	50.0	35.7	
21 Acetophenone	105	4.692	4.728	-0.001	85	73218	50.0	38.6	
24 4-Methylphenol	108	4.722	4.722	0.000	4	50198	50.0	37.6	a
23 3 & 4 Methylphenol	108	4.722	4.722	0.000	7	50198	50.0	37.6	a
25 Hexachloroethane	117	4.775	4.775	0.000	88	22876	50.0	39.2	
$ 26 Nitrobenzene-d5	82	4.845	4.846	-0.001	78	51453	50.0	34.0	
27 n,n'-Dimethylaniline	120	4.851	4.857	0.000	94	86012	50.0	41.7	
28 Nitrobenzene	123	4.863	4.863	0.000	92	26489	50.0	41.4	
31 Isophorone	82	5.081	5.081	0.000	96	90419	50.0	37.3	
32 2-Nitrophenol	139	5.169	5.163	0.006	91	31305	50.0	43.5	
33 2,4-Dimethylphenol	122	5.216	5.216	0.000	89	48133	50.0	41.0	
34 Bis(2-chloroethoxy)methane	93	5.292	5.293	-0.001	98	54390	50.0	37.4	
35 Benzoic acid	122	5.339	5.351	-0.012	68	23112	50.0	31.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.416	5.410	0.006	96	50467	50.0	47.5	
37 1,2,4-Trichlorobenzene	180	5.469	5.469	0.000	89	55282	50.0	47.2	
* 38 Naphthalene-d8	136	5.522	5.522	0.000	99	145803	40.0	40.0	
39 Naphthalene	128	5.539	5.540	-0.001	99	162093	50.0	43.4	
40 4-Chloroaniline	127	5.610	5.610	0.000	90	65370	50.0	40.1	
130 2,6-Dichlorophenol	162	5.616	5.610	0.006	91	49207	50.0	47.0	
41 Hexachlorobutadiene	225	5.645	5.646	-0.001	92	35468	50.0	47.5	
42 Caprolactam	113	5.945	5.951	-0.006	86	5619	20.0	19.6	
43 4-Chloro-3-methylphenol	107	6.098	6.098	0.000	91	45312	50.0	42.9	
44 2-Methylnaphthalene	142	6.204	6.204	0.000	79	105776	50.0	42.1	
45 1-Methylnaphthalene	142	6.292	6.293	-0.001	80	104045	50.0	45.3	
46 Hexachlorocyclopentadiene	237	6.339	6.340	-0.001	69	32213	50.0	31.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.363	6.363	0.000	96	62069	50.0	47.9	
48 2-tertbutyl-4-methylphenol	149	6.398	6.398	0.000	77	72385	50.0	46.9	
49 2,4,6-Trichlorophenol	196	6.492	6.487	0.005	93	36925	50.0	42.8	
50 2,4,5-Trichlorophenol	196	6.545	6.540	0.005	55	42285	50.0	45.3	
$ 51 2-Fluorobiphenyl	172	6.551	6.551	0.000	97	126617	50.0	40.6	
52 1,1'-Biphenyl	154	6.645	6.645	0.000	95	136252	50.0	44.8	
53 2-Chloronaphthalene	162	6.669	6.669	0.000	96	104595	50.0	43.8	
54 Phenyl ether	170	6.745	6.745	0.000	81	80211	50.0	47.9	
56 2-Nitroaniline	65	6.786	6.787	-0.001	86	28019	50.0	29.2	
57 1,3-Dimethylnaphthalene	156	6.875	6.875	0.000	88	84399	50.0	44.5	
58 Dimethyl phthalate	163	6.939	6.945	-0.006	99	124701	50.0	46.4	
59 Coumarin	146	6.981	6.981	0.000	71	41367	50.0	45.2	
60 2,6-Dinitrotoluene	165	7.010	7.028	0.000	63	28223	50.0	47.5	
61 Acenaphthylene	152	7.057	7.057	0.000	90	160409	50.0	41.6	
64 3-Nitroaniline	138	7.186	7.187	-0.001	54	29663	50.0	42.2	
* 65 Acenaphthene-d10	164	7.192	7.192	0.000	97	81046	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.198	7.204	-0.006	96	101068	50.0	46.9	
67 Acenaphthene	154	7.222	7.222	0.000	82	94667	50.0	38.2	
68 2,4-Dinitrophenol	184	7.298	7.286	0.006	96	32850	100.0	84.2	
69 4-Nitrophenol	65	7.398	7.392	0.006	59	28332	100.0	55.0	
71 Dibenzofuran	168	7.386	7.392	-0.006	90	151433	50.0	45.9	
70 2,4-Dinitrotoluene	165	7.404	7.439	0.000	88	37958	50.0	46.9	
72 2,3,4,6-Tetrachlorophenol	232	7.522	7.522	0.000	95	31538	50.0	40.7	
73 Diethyl phthalate	149	7.610	7.610	0.000	97	120476	50.0	44.2	
74 4-Chlorophenyl phenyl ether	204	7.710	7.710	0.000	75	59857	50.0	46.0	
75 Fluorene	166	7.716	7.716	0.000	81	120095	50.0	45.5	
76 4-Nitroaniline	138	7.769	7.775	-0.006	88	29506	50.0	41.8	
77 4,6-Dinitro-2-methylphenol	198	7.798	7.798	0.000	82	44103	100.0	85.9	
78 N-Nitrosodiphenylamine	169	7.833	7.834	-0.001	63	87245	50.0	42.1	
79 1,2-Diphenylhydrazine	77	7.863	7.863	0.000	88	99051	50.0	34.3	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	89	34361	50.0	50.1	
81 4-Bromophenyl phenyl ether	248	8.175	8.175	0.000	94	42502	50.0	46.8	
83 Hexachlorobenzene	284	8.233	8.234	-0.001	93	57172	50.0	48.1	
84 Atrazine	200	8.345	8.345	0.000	91	15991	20.0	19.1	
86 Pentachloronitrobenzene	237	8.433	8.434	-0.001	80	19021	50.0	41.6	
85 Pentachlorophenol	266	8.439	8.439	0.000	90	40836	100.0	56.9	
87 n-Octadecane	57	8.492	8.492	0.000	95	60448	50.0	29.2	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	162251	40.0	40.0	
89 Phenanthrene	178	8.627	8.628	-0.001	96	179690	50.0	42.6	
90 Anthracene	178	8.675	8.681	-0.006	98	189360	50.0	43.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Carbazole	167	8.845	8.845	0.000	81	170922	50.0	43.1	
92 Di-n-butyl phthalate	149	9.157	9.157	0.000	99	206944	50.0	42.2	
93 Fluoranthene	202	9.763	9.763	0.000	98	208531	50.0	44.2	
94 Benzidine	184	9.898	9.904	-0.006	99	94106	50.0	33.1	
95 Pyrene	202	9.974	9.981	-0.007	97	214503	50.0	43.1	
82 Bisphenol-A	213	10.045	10.034	0.006	97	41437	25.0	16.9	
$ 96 Terphenyl-d14	244	10.121	10.122	-0.001	97	183189	50.0	41.5	
97 Butyl benzyl phthalate	149	10.616	10.622	-0.006	94	90110	50.0	42.8	
99 Carbamazepine	193	10.739	10.745	-0.006	91	88594	50.0	45.7	
100 3,3'-Dichlorobenzidine	252	11.216	11.222	-0.006	99	84063	50.0	44.6	
101 Benzo[a]anthracene	228	11.239	11.245	-0.006	98	208922	50.0	42.2	
* 102 Chrysene-d12	240	11.251	11.257	-0.006	98	161293	40.0	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.268	11.269	-0.001	84	128032	50.0	41.3	
103 Chrysene	228	11.280	11.286	-0.006	95	190867	50.0	41.4	
105 Di-n-octyl phthalate	149	12.104	12.110	-0.006	93	227446	50.0	39.0	
106 Benzo[b]fluoranthene	252	12.627	12.633	-0.006	97	249045	50.0	44.4	
107 Benzo[k]fluoranthene	252	12.668	12.669	-0.001	99	238729	50.0	41.6	
108 Benzo[a]pyrene	252	13.092	13.092	0.000	97	216563	50.0	40.2	
* 109 Perylene-d12	264	13.168	13.174	-0.006	99	203129	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.780	14.780	0.000	97	309580	50.0	58.1	
111 Dibenz(a,h)anthracene	278	14.798	14.804	-0.006	90	267222	50.0	47.4	
112 Benzo[g,h,i]perylene	276	15.221	15.227	-0.006	93	266004	50.0	44.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-May-2022 12:57:59 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41847.d

Injection Date: 27-May-2022 19:31:30 Instrument ID: CBNAMS5

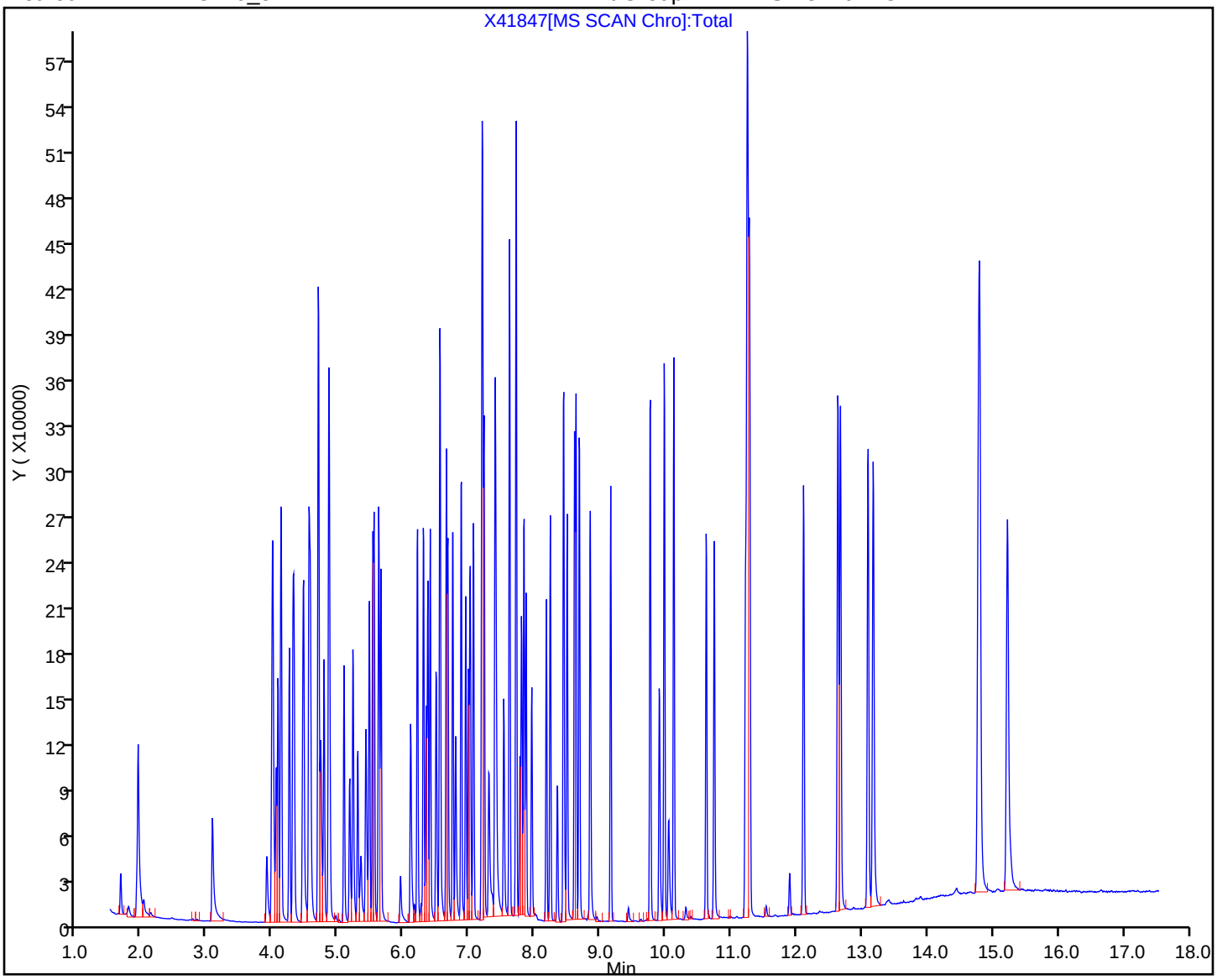
Lims ID: LCS 460-847011/2-A

Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41847.d
Lims ID: LCS 460-847011/2-A
Client ID:
Sample Type: LCS
Inject. Date: 27-May-2022 19:31:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-005
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 12:57:58 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 17:51:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	50.0	33.9	67.89
$ 6 Phenol-d5	50.0	34.7	69.48
$ 26 Nitrobenzene-d5	50.0	34.0	67.99
$ 51 2-Fluorobiphenyl	50.0	40.6	81.24
$ 80 2,4,6-Tribromophenol	50.0	50.1	100.11
$ 96 Terphenyl-d14	50.0	41.5	82.99

Manual Integration/User Assign Peak Report

Eurofins Edison

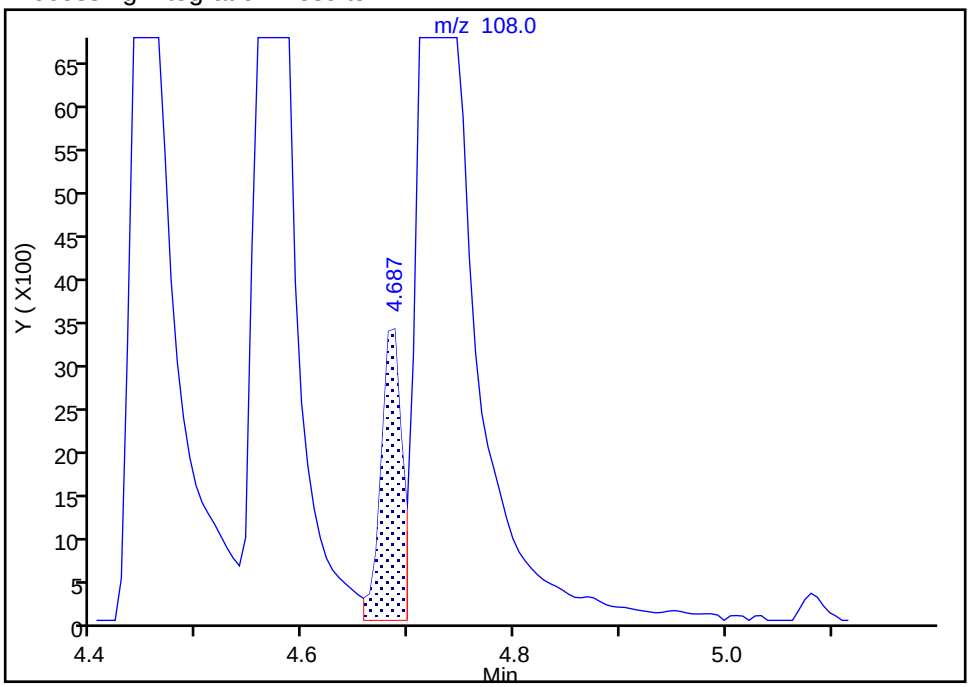
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Injection Date: 27-May-2022 19:31:30 Instrument ID: CBNAMS5
Lims ID: LCS 460-847011/2-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

Signal: 1

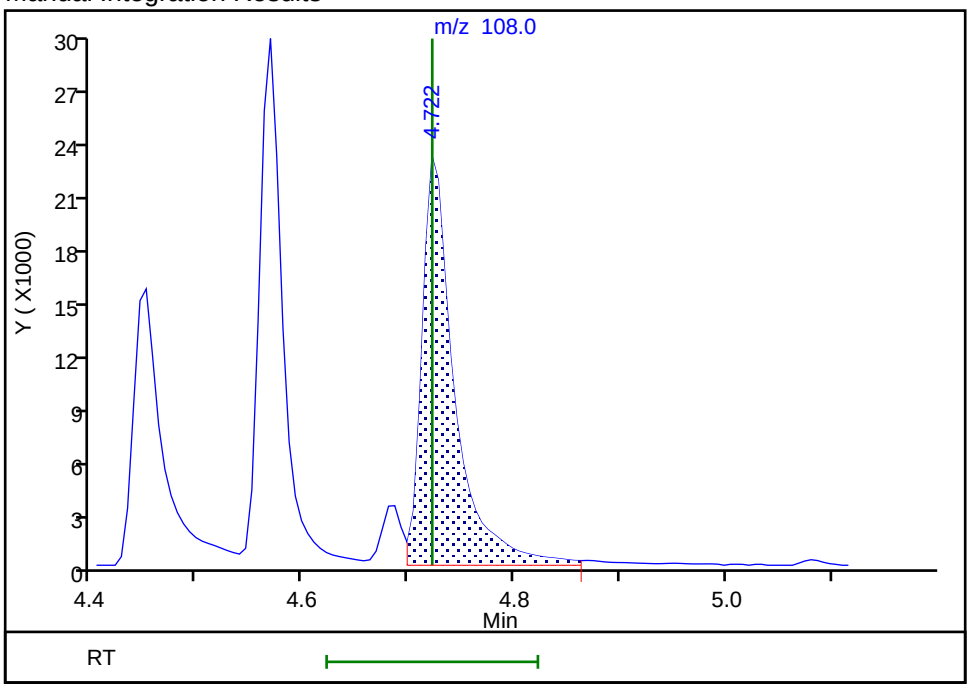
Processing Integration Results

RT: 4.69
Area: 4823
Amount: 3.609869
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 50198
Amount: 37.571679
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-May-2022 12:57:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-847011/3-A

Matrix: Solid | Lab File ID: X41848.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	2.93		0.33	0.012
95-94-3	1,2,4,5-Tetrachlorobenzene	3.09		0.33	0.010
123-91-1	1,4-Dioxane	2.00		0.033	0.029
108-60-1	2,2'-oxybis[1-chloropropane]	1.70		0.33	0.0060
58-90-2	2,3,4,6-Tetrachlorophenol	2.69		0.33	0.022
95-95-4	2,4,5-Trichlorophenol	2.87		0.33	0.034
88-06-2	2,4,6-Trichlorophenol	2.72		0.13	0.042
120-83-2	2,4-Dichlorophenol	3.12		0.13	0.021
105-67-9	2,4-Dimethylphenol	2.72		0.33	0.039
51-28-5	2,4-Dinitrophenol	5.41		0.27	0.16
121-14-2	2,4-Dinitrotoluene	3.11		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.10		0.067	0.024
91-58-7	2-Chloronaphthalene	2.94		0.33	0.015
95-57-8	2-Chlorophenol	2.68		0.33	0.012
91-57-6	2-Methylnaphthalene	2.80		0.33	0.0093
95-48-7	2-Methylphenol	2.61		0.33	0.012
88-74-4	2-Nitroaniline	1.93		0.33	0.025
88-75-5	2-Nitrophenol	2.98		0.33	0.033
91-94-1	3,3'-Dichlorobenzidine	2.89		0.13	0.050
99-09-2	3-Nitroaniline	2.79		0.33	0.079
534-52-1	4,6-Dinitro-2-methylphenol	5.74		0.27	0.14
101-55-3	4-Bromophenyl phenyl ether	3.07		0.33	0.013
59-50-7	4-Chloro-3-methylphenol	2.75		0.33	0.019
106-47-8	4-Chloroaniline	2.69		0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	3.04		0.33	0.012
106-44-5	4-Methylphenol	2.46		0.33	0.021
100-01-6	4-Nitroaniline	2.77		0.33	0.038
100-02-7	4-Nitrophenol	3.79		0.67	0.054
83-32-9	Acenaphthene	2.47		0.33	0.0094
208-96-8	Acenaphthylene	2.72		0.33	0.0095
98-86-2	Acetophenone	2.54		0.33	0.016
120-12-7	Anthracene	2.89		0.33	0.010

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-847011/3-A

Matrix: Solid | Lab File ID: X41848.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	1.38		0.13	0.019
100-52-7	Benzaldehyde	0.963		0.33	0.055
56-55-3	Benzo[a]anthracene	2.86		0.033	0.012
50-32-8	Benzo[a]pyrene	2.66		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.05		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.93		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.78		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.47		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.51		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.79		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.90		0.33	0.016
105-60-2	Caprolactam	1.39		0.33	0.051
86-74-8	Carbazole	2.93		0.33	0.013
218-01-9	Chrysene	2.75		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	3.05		0.033	0.014
132-64-9	Dibenzofuran	2.96		0.33	0.011
84-66-2	Diethyl phthalate	2.92		0.33	0.011
131-11-3	Dimethyl phthalate	3.09		0.33	0.075
84-74-2	Di-n-butyl phthalate	2.84		0.33	0.012
117-84-0	Di-n-octyl phthalate	2.69		0.33	0.018
206-44-0	Fluoranthene	3.02		0.33	0.012
86-73-7	Fluorene	2.92		0.33	0.0097
118-74-1	Hexachlorobenzene	3.24		0.033	0.016
87-68-3	Hexachlorobutadiene	3.20		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.11		0.33	0.029
67-72-1	Hexachloroethane	2.64		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	3.77		0.033	0.013
78-59-1	Isophorone	2.45		0.13	0.096
91-20-3	Naphthalene	2.84		0.33	0.0057
98-95-3	Nitrobenzene	2.68		0.033	0.018
621-64-7	N-Nitrosodi-n-propylamine	2.37		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.86		0.33	0.027

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-847011/3-A

Matrix: Solid | Lab File ID: X41848.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/27/2022 19:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	3.98		0.27	0.068
85-01-8	Phenanthrene	2.83		0.33	0.0058
108-95-2	Phenol	2.57		0.33	0.012
129-00-0	Pyrene	2.89		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	103		10-123
321-60-8	2-Fluorobiphenyl	80		22-122
367-12-4	2-Fluorophenol (Surr)	67		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	67		16-125
4165-62-2	Phenol-d5 (Surr)	67		23-120
1718-51-0	Terphenyl-d14 (Surr)	84		25-126

Report Date: 30-May-2022 12:58:46 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41848.d
Lims ID: LCSD 460-847011/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 27-May-2022 19:54:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-006
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 12:58:46 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 17:51:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.669	1.663	0.006	94	15233	50.0	30.0	
2 N-Nitrosodimethylamine	74	1.916	1.910	0.006	74	25201	50.0	31.9	
3 Pyridine	79	1.934	1.928	0.006	87	70397	100.0	57.0	
$ 4 2-Fluorophenol	112	3.069	3.063	0.006	93	48494	50.0	33.4	
5 Benzaldehyde	77	3.898	3.899	-0.001	88	17474	20.0	14.4	
$ 6 Phenol-d5	99	3.975	4.063	0.000	92	57683	50.0	33.5	
7 Phenol	94	3.993	4.075	0.006	73	67023	50.0	38.6	
8 Aniline	93	3.993	3.993	0.000	81	70038	50.0	33.6	
9 Bis(2-chloroethyl)ether	93	4.046	4.046	0.000	86	46624	50.0	37.7	
11 2-Chlorophenol	128	4.110	4.110	0.000	90	59698	50.0	40.2	
12 n-Decane	43	4.122	4.122	0.000	93	54023	50.0	25.8	
13 1,3-Dichlorobenzene	146	4.246	4.246	0.000	96	65825	50.0	41.2	
* 14 1,4-Dichlorobenzene-d4	152	4.298	4.299	-0.001	94	42024	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.316	4.316	0.000	94	69000	50.0	42.7	
16 Benzyl alcohol	108	4.451	4.445	0.005	89	33086	50.0	36.5	
17 1,2-Dichlorobenzene	146	4.463	4.463	0.000	96	64317	50.0	42.0	
19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	86	66264	50.0	25.5	
18 2-Methylphenol	108	4.569	4.569	0.000	75	48779	50.0	39.1	
20 N-Methylaniline	106	4.687	4.710	0.000	86	85244	50.0	38.9	
22 N-Nitrosodi-n-propylamine	70	4.693	4.698	0.000	77	36807	50.0	35.6	
21 Acetophenone	105	4.693	4.728	0.000	85	75488	50.0	38.0	
24 4-Methylphenol	108	4.722	4.722	0.000	4	51650	50.0	36.9	a
23 3 & 4 Methylphenol	108	4.722	4.722	0.000	7	51650	50.0	36.9	a
25 Hexachloroethane	117	4.775	4.775	0.000	89	24153	50.0	39.6	
$ 26 Nitrobenzene-d5	82	4.845	4.846	-0.001	78	52908	50.0	33.4	
27 n,n'-Dimethylaniline	120	4.851	4.857	0.000	94	86821	50.0	40.2	
28 Nitrobenzene	123	4.863	4.863	0.000	92	26968	50.0	40.2	
31 Isophorone	82	5.081	5.081	0.000	96	92988	50.0	36.7	
32 2-Nitrophenol	139	5.169	5.163	0.006	92	33631	50.0	44.8	
33 2,4-Dimethylphenol	122	5.216	5.216	0.000	90	50007	50.0	40.8	
34 Bis(2-chloroethoxy)methane	93	5.293	5.293	0.000	98	56464	50.0	37.1	
35 Benzoic acid	122	5.340	5.351	-0.011	68	25277	50.0	33.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.416	5.410	0.006	95	51943	50.0	46.8	
37 1,2,4-Trichlorobenzene	180	5.469	5.469	0.000	89	57601	50.0	47.0	
* 38 Naphthalene-d8	136	5.522	5.522	0.000	97	152399	40.0	40.0	
39 Naphthalene	128	5.540	5.540	0.000	99	166344	50.0	42.6	
40 4-Chloroaniline	127	5.610	5.610	0.000	90	68688	50.0	40.4	
130 2,6-Dichlorophenol	162	5.610	5.610	0.000	88	49243	50.0	45.0	
41 Hexachlorobutadiene	225	5.645	5.646	-0.001	91	37405	50.0	48.0	
42 Caprolactam	113	5.945	5.951	-0.006	88	6250	20.0	20.8	
43 4-Chloro-3-methylphenol	107	6.098	6.098	0.000	90	45554	50.0	41.3	
44 2-Methylnaphthalene	142	6.204	6.204	0.000	81	110349	50.0	42.0	
45 1-Methylnaphthalene	142	6.292	6.293	-0.001	81	106241	50.0	44.2	
46 Hexachlorocyclopentadiene	237	6.340	6.340	0.000	70	33948	50.0	31.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.363	6.363	0.000	96	62872	50.0	46.4	
48 2-tertbutyl-4-methylphenol	149	6.398	6.398	0.000	77	73822	50.0	45.8	
49 2,4,6-Trichlorophenol	196	6.492	6.487	0.005	91	36871	50.0	40.8	
50 2,4,5-Trichlorophenol	196	6.545	6.540	0.005	55	41952	50.0	43.0	
$ 51 2-Fluorobiphenyl	172	6.551	6.551	0.000	97	130307	50.0	40.0	
52 1,1'-Biphenyl	154	6.645	6.645	0.000	95	139984	50.0	44.0	
53 2-Chloronaphthalene	162	6.669	6.669	0.000	96	109982	50.0	44.1	
54 Phenyl ether	170	6.745	6.745	0.000	81	80279	50.0	45.9	
56 2-Nitroaniline	65	6.787	6.787	0.000	87	29016	50.0	28.9	
57 1,3-Dimethylnaphthalene	156	6.875	6.875	0.000	89	86767	50.0	43.8	
58 Dimethyl phthalate	163	6.939	6.945	-0.006	99	130347	50.0	46.4	
59 Coumarin	146	6.981	6.981	0.000	63	42852	50.0	44.8	
60 2,6-Dinitrotoluene	165	7.010	7.028	0.000	67	28904	50.0	46.5	
61 Acenaphthylene	152	7.057	7.057	0.000	90	164266	50.0	40.7	
64 3-Nitroaniline	138	7.187	7.187	0.000	55	30840	50.0	41.9	
* 65 Acenaphthene-d10	164	7.192	7.192	0.000	97	84782	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.198	7.204	-0.006	96	105259	50.0	46.7	
67 Acenaphthene	154	7.222	7.222	0.000	86	96158	50.0	37.1	
68 2,4-Dinitrophenol	184	7.298	7.286	0.006	95	33067	100.0	81.1	
69 4-Nitrophenol	65	7.398	7.392	0.006	60	30602	100.0	56.8	
71 Dibenzofuran	168	7.392	7.392	0.000	89	153345	50.0	44.5	
70 2,4-Dinitrotoluene	165	7.404	7.439	0.000	88	39548	50.0	46.7	
72 2,3,4,6-Tetrachlorophenol	232	7.522	7.522	0.000	94	32703	50.0	40.4	
73 Diethyl phthalate	149	7.610	7.610	0.000	97	125000	50.0	43.8	
74 4-Chlorophenyl phenyl ether	204	7.710	7.710	0.000	76	62022	50.0	45.6	
75 Fluorene	166	7.716	7.716	0.000	82	120985	50.0	43.8	
76 4-Nitroaniline	138	7.769	7.775	-0.006	87	30720	50.0	41.6	
77 4,6-Dinitro-2-methylphenol	198	7.792	7.798	-0.006	80	45758	100.0	86.1	
78 N-Nitrosodiphenylamine	169	7.834	7.834	0.000	63	91909	50.0	42.9	
79 1,2-Diphenylhydrazine	77	7.863	7.863	0.000	87	100829	50.0	33.7	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	87	36910	50.0	51.4	
81 4-Bromophenyl phenyl ether	248	8.175	8.175	0.000	94	43275	50.0	46.0	
83 Hexachlorobenzene	284	8.234	8.234	0.000	93	59728	50.0	48.5	
84 Atrazine	200	8.345	8.345	0.000	90	17877	20.0	20.7	
86 Pentachloronitrobenzene	237	8.433	8.434	-0.001	82	20241	50.0	42.8	
85 Pentachlorophenol	266	8.439	8.439	0.000	87	44321	100.0	59.7	
87 n-Octadecane	57	8.492	8.492	0.000	93	64416	50.0	30.0	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	167923	40.0	40.0	
89 Phenanthrene	178	8.628	8.628	0.000	96	185708	50.0	42.5	
90 Anthracene	178	8.675	8.681	-0.006	98	193575	50.0	43.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Carbazole	167	8.845	8.845	0.000	81	180276	50.0	43.9	
92 Di-n-butyl phthalate	149	9.157	9.157	0.000	99	215802	50.0	42.6	
93 Fluoranthene	202	9.763	9.763	0.000	98	221011	50.0	45.3	
94 Benzidine	184	9.898	9.904	-0.006	99	98876	50.0	33.6	
95 Pyrene	202	9.975	9.981	-0.006	98	223913	50.0	43.4	
82 Bisphenol-A	213	10.045	10.034	0.006	96	43764	25.0	17.2	
$ 96 Terphenyl-d14	244	10.122	10.122	0.000	97	193483	50.0	42.2	
97 Butyl benzyl phthalate	149	10.616	10.622	-0.006	94	95076	50.0	43.5	
99 Carbamazepine	193	10.739	10.745	-0.006	91	92937	50.0	46.2	
100 3,3'-Dichlorobenzidine	252	11.216	11.222	-0.006	98	84985	50.0	43.4	
101 Benzo[a]anthracene	228	11.239	11.245	-0.006	98	220838	50.0	42.9	
* 102 Chrysene-d12	240	11.251	11.257	-0.006	97	167431	40.0	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.269	11.269	0.000	84	134377	50.0	41.8	
103 Chrysene	228	11.280	11.286	-0.006	95	197234	50.0	41.2	
105 Di-n-octyl phthalate	149	12.104	12.110	-0.006	93	240135	50.0	40.4	
106 Benzo[b]fluoranthene	252	12.627	12.633	-0.006	98	261939	50.0	45.8	
107 Benzo[k]fluoranthene	252	12.669	12.669	0.000	98	244580	50.0	41.7	
108 Benzo[a]pyrene	252	13.086	13.092	-0.006	97	219697	50.0	39.9	
* 109 Perylene-d12	264	13.168	13.174	-0.006	99	207394	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.780	14.780	0.000	97	307672	50.0	56.5	
111 Dibenz(a,h)anthracene	278	14.798	14.804	-0.006	90	262976	50.0	45.7	
112 Benzo[g,h,i]perylene	276	15.221	15.227	-0.006	93	267153	50.0	44.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-May-2022 12:58:46 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41848.d

Injection Date: 27-May-2022 19:54:30 Instrument ID: CBNAMS5

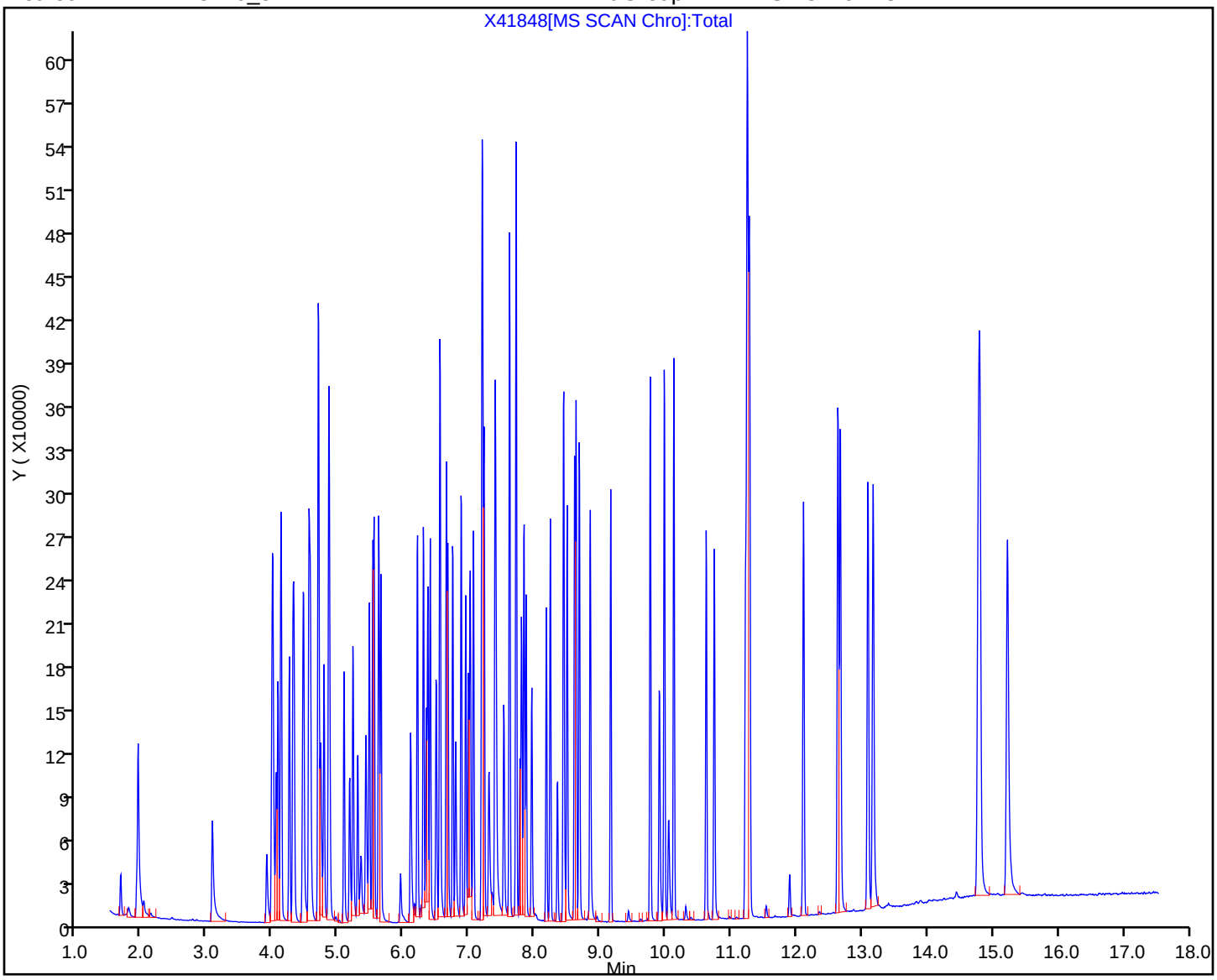
Lims ID: LCSD 460-847011/3-A

Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41848.d
Lims ID: LCSD 460-847011/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 27-May-2022 19:54:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-006
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 12:58:46 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 17:51:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	50.0	33.4	66.87
$ 6 Phenol-d5	50.0	33.5	66.93
$ 26 Nitrobenzene-d5	50.0	33.4	66.88
$ 51 2-Fluorobiphenyl	50.0	40.0	79.92
$ 80 2,4,6-Tribromophenol	50.0	51.4	102.80
$ 96 Terphenyl-d14	50.0	42.2	84.44

Manual Integration/User Assign Peak Report

Eurofins Edison

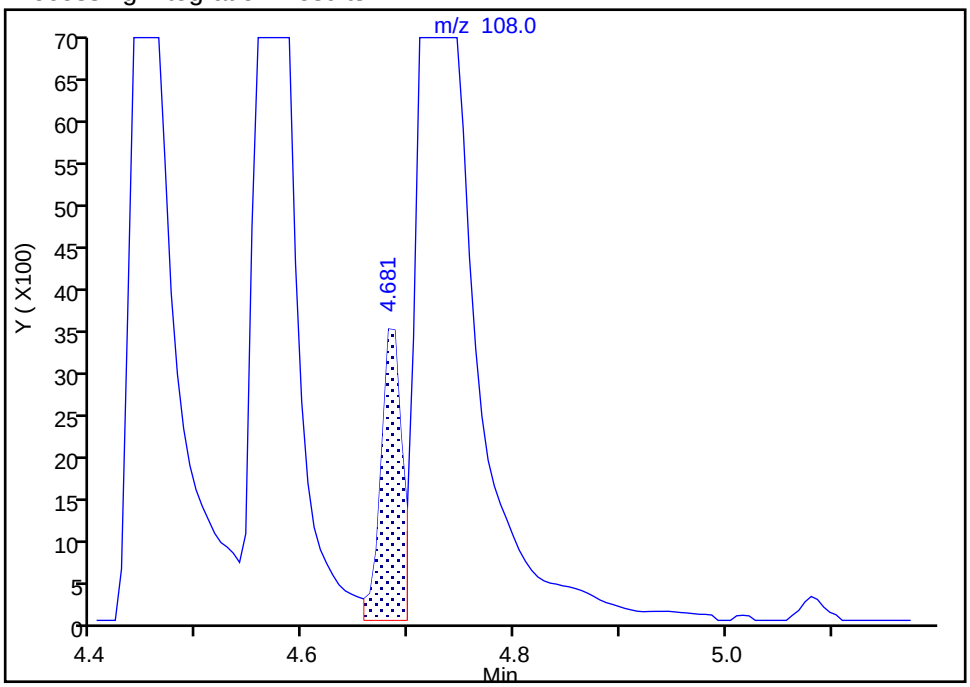
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Injection Date: 27-May-2022 19:54:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-847011/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

Signal: 1

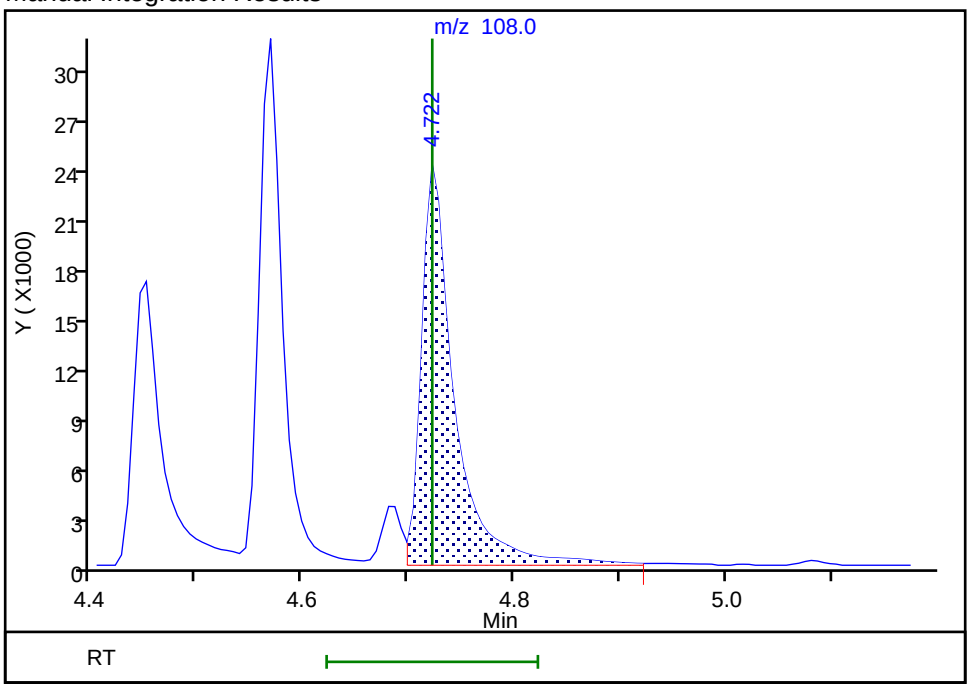
Processing Integration Results

RT: 4.68
Area: 4986
Amount: 3.566251
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 51650
Amount: 36.942818
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-May-2022 12:58:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: 180-138294-B-45-A MS

Matrix: Solid | Lab File ID: X41867.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 03:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.7 % Solids: 91.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.31		0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	3.36		0.36	0.011
123-91-1	1,4-Dioxane	1.41		0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	1.83		0.36	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	3.15		0.36	0.025
95-95-4	2,4,5-Trichlorophenol	3.21		0.36	0.037
88-06-2	2,4,6-Trichlorophenol	3.08		0.15	0.046
120-83-2	2,4-Dichlorophenol	3.28		0.15	0.023
105-67-9	2,4-Dimethylphenol	2.82		0.36	0.043
51-28-5	2,4-Dinitrophenol	2.92		0.29	0.18
121-14-2	2,4-Dinitrotoluene	3.29		0.073	0.039
606-20-2	2,6-Dinitrotoluene	3.22		0.073	0.026
91-58-7	2-Chloronaphthalene	3.13		0.36	0.017
95-57-8	2-Chlorophenol	2.83		0.36	0.013
91-57-6	2-Methylnaphthalene	3.46		0.36	0.010
95-48-7	2-Methylphenol	2.64		0.36	0.014
88-74-4	2-Nitroaniline	2.18		0.36	0.028
88-75-5	2-Nitrophenol	3.05		0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	2.70		0.15	0.055
99-09-2	3-Nitroaniline	2.92		0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	4.84		0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	3.48		0.36	0.014
59-50-7	4-Chloro-3-methylphenol	3.03		0.36	0.020
106-47-8	4-Chloroaniline	2.51		0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	3.25		0.36	0.013
106-44-5	4-Methylphenol	2.55		0.36	0.023
100-01-6	4-Nitroaniline	2.78		0.36	0.042
100-02-7	4-Nitrophenol	4.45		0.73	0.059
83-32-9	Acenaphthene	2.75		0.36	0.010
208-96-8	Acenaphthylene	2.94		0.36	0.010
98-86-2	Acetophenone	2.59		0.36	0.018
120-12-7	Anthracene	3.17		0.36	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: 180-138294-B-45-A MS

Matrix: Solid | Lab File ID: X41867.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 03:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.7 % Solids: 91.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	1.88		0.15	0.021
100-52-7	Benzaldehyde	1.30		0.36	0.060
56-55-3	Benzo[a]anthracene	3.07		0.036	0.013
50-32-8	Benzo[a]pyrene	2.83		0.036	0.0096
205-99-2	Benzo[b]fluoranthene	3.20		0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	3.34		0.36	0.011
207-08-9	Benzo[k]fluoranthene	3.11		0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	2.62		0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	2.61		0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	3.41		0.36	0.019
85-68-7	Butyl benzyl phthalate	3.51		0.36	0.017
105-60-2	Caprolactam	1.87		0.36	0.056
86-74-8	Carbazole	3.00		0.36	0.014
218-01-9	Chrysene	3.10		0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	3.36		0.036	0.016
132-64-9	Dibenzofuran	3.31		0.36	0.012
84-66-2	Diethyl phthalate	3.15		0.36	0.012
131-11-3	Dimethyl phthalate	3.30		0.36	0.082
84-74-2	Di-n-butyl phthalate	3.07		0.36	0.014
117-84-0	Di-n-octyl phthalate	3.30		0.36	0.019
206-44-0	Fluoranthene	3.20		0.36	0.013
86-73-7	Fluorene	3.26		0.36	0.011
118-74-1	Hexachlorobenzene	3.49		0.036	0.017
87-68-3	Hexachlorobutadiene	3.22		0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	2.14		0.36	0.032
67-72-1	Hexachloroethane	2.62		0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	4.21		0.036	0.014
78-59-1	Isophorone	2.59		0.15	0.10
91-20-3	Naphthalene	4.40		0.36	0.0063
98-95-3	Nitrobenzene	2.73		0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	2.38		0.036	0.026
86-30-6	N-Nitrosodiphenylamine	3.16		0.36	0.030

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: 180-138294-B-45-A MS

Matrix: Solid | Lab File ID: X41867.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.01(g) | Date Analyzed: 05/28/2022 03:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.7 % Solids: 91.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	3.83		0.29	0.074
85-01-8	Phenanthrene	3.34		0.36	0.0064
108-95-2	Phenol	2.74		0.36	0.013
129-00-0	Pyrene	3.70		0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	94		10-123
321-60-8	2-Fluorobiphenyl	76		22-122
367-12-4	2-Fluorophenol (Surr)	64		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	64		16-125
4165-62-2	Phenol-d5 (Surr)	64		23-120
1718-51-0	Terphenyl-d14 (Surr)	93		25-126

Report Date: 30-May-2022 13:13:47 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41867.d
Lims ID: 180-138294-B-45-A MS
Client ID:
Sample Type: MS
Inject. Date: 28-May-2022 03:26:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-025
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:13:47 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 20:41:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.681	1.663	0.018	94	12461	50.0	19.4	
2 N-Nitrosodimethylamine	74	1.928	1.910	0.018	72	28619	50.0	28.6	
3 Pyridine	79	1.952	1.928	0.024	87	63405	100.0	40.5	
$ 4 2-Fluorophenol	112	3.069	3.063	0.006	94	59066	50.0	32.2	
5 Benzaldehyde	77	3.893	3.899	-0.006	88	27270	20.0	17.8	E
$ 6 Phenol-d5	99	3.975	4.063	0.000	92	69788	50.0	32.0	
7 Phenol	94	3.987	3.987	0.000	75	82681	50.0	37.6	
8 Aniline	93	3.993	3.993	0.000	79	76076	50.0	28.8	
9 Bis(2-chloroethyl)ether	93	4.046	4.046	0.000	87	56114	50.0	35.8	
11 2-Chlorophenol	128	4.110	4.110	0.000	90	73006	50.0	38.8	
12 n-Decane	43	4.122	4.122	0.000	94	56776	50.0	21.4	
13 1,3-Dichlorobenzene	146	4.246	4.246	0.000	96	73917	50.0	36.6	
* 14 1,4-Dichlorobenzene-d4	152	4.298	4.299	-0.001	95	53223	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.316	4.316	0.000	94	77762	50.0	38.0	
16 Benzyl alcohol	108	4.446	4.446	0.000	89	41006	50.0	35.7	
17 1,2-Dichlorobenzene	146	4.463	4.463	0.000	96	73759	50.0	38.0	
19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	85	82381	50.0	25.0	
18 2-Methylphenol	108	4.569	4.569	0.000	69	57214	50.0	36.2	
20 N-Methylaniline	106	4.681	4.687	-0.006	91	97140	50.0	35.0	
22 N-Nitrosodi-n-propylamine	70	4.687	4.693	-0.006	72	42773	50.0	32.6	
21 Acetophenone	105	4.693	4.693	0.000	88	89068	50.0	35.4	
24 4-Methylphenol	108	4.722	4.722	0.000	16	61764	50.0	34.9	a
23 3 & 4 Methylphenol	108	4.722	4.722	0.000	20	61764	50.0	34.9	a
25 Hexachloroethane	117	4.775	4.775	0.000	88	27726	50.0	35.9	
$ 26 Nitrobenzene-d5	82	4.840	4.846	-0.006	91	62847	50.0	32.1	
27 n,n'-Dimethylaniline	120	4.851	4.851	0.000	92	98804	50.0	36.2	
28 Nitrobenzene	123	4.863	4.858	0.000	92	31780	50.0	37.5	
31 Isophorone	82	5.081	5.075	0.000	96	111563	50.0	35.5	
32 2-Nitrophenol	139	5.163	5.158	0.000	90	38946	50.0	41.8	
33 2,4-Dimethylphenol	122	5.216	5.210	0.000	90	58635	50.0	38.6	
34 Bis(2-chloroethoxy)methane	93	5.287	5.287	-0.006	97	67595	50.0	35.9	
35 Benzoic acid	122	5.334	5.346	-0.017	63	17744	50.0	20.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.410	5.404	0.000	95	61703	50.0	44.9	
37 1,2,4-Trichlorobenzene	180	5.469	5.463	0.000	92	65682	50.0	43.3	
* 38 Naphthalene-d8	136	5.516	5.522	-0.006	98	188797	40.0	40.0	
39 Naphthalene	128	5.540	5.534	0.000	99	291635	50.0	60.3	
40 4-Chloroaniline	127	5.610	5.604	0.000	86	72500	50.0	34.4	
130 2,6-Dichlorophenol	162	5.610	5.604	0.000	91	60348	50.0	44.5	
41 Hexachlorobutadiene	225	5.645	5.640	-0.001	90	42692	50.0	44.2	
42 Caprolactam	113	5.945	5.945	-0.006	87	9536	20.0	25.7	
43 4-Chloro-3-methylphenol	107	6.098	6.092	0.000	95	56747	50.0	41.5	
44 2-Methylnaphthalene	142	6.198	6.198	-0.006	79	154059	50.0	47.4	
45 1-Methylnaphthalene	142	6.292	6.293	-0.001	83	132292	50.0	44.5	
46 Hexachlorocyclopentadiene	237	6.340	6.334	0.000	71	38053	50.0	29.3	
127 4,4'-DDT	235	6.340	6.345	-0.005	1	23501		NC	
47 1,2,4,5-Tetrachlorobenzene	216	6.363	6.358	0.000	99	75559	50.0	46.1	
29 2-Toluidine	107	6.398	6.372	0.026	28	5308		NC	
48 2-tertbutyl-4-methylphenol	149	6.398	6.392	0.000	77	88869	50.0	44.5	
49 2,4,6-Trichlorophenol	196	6.487	6.481	0.000	91	46149	50.0	42.2	
50 2,4,5-Trichlorophenol	196	6.540	6.534	0.000	66	51965	50.0	44.0	
$ 51 2-Fluorobiphenyl	172	6.545	6.551	-0.006	97	150183	50.0	38.1	
52 1,1'-Biphenyl	154	6.645	6.640	0.000	95	174861	50.0	45.4	
53 2-Chloronaphthalene	162	6.663	6.664	-0.006	97	129543	50.0	42.9	
54 Phenyl ether	170	6.740	6.740	-0.005	82	96891	50.0	45.7	
56 2-Nitroaniline	65	6.787	6.781	0.000	80	36231	50.0	29.9	
57 1,3-Dimethylnaphthalene	156	6.869	6.875	-0.006	88	107708	50.0	44.9	
58 Dimethyl phthalate	163	6.939	6.940	-0.006	99	154019	50.0	45.3	
59 Coumarin	146	6.981	6.973	0.000	63	50178	50.0	42.4	
60 2,6-Dinitrotoluene	165	7.010	7.004	0.000	61	33266	50.0	44.2	
61 Acenaphthylene	152	7.057	7.051	0.000	90	196682	50.0	40.3	
64 3-Nitroaniline	138	7.181	7.181	-0.006	65	35694	50.0	40.1	
* 65 Acenaphthene-d10	164	7.187	7.192	-0.005	97	102583	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.198	7.198	-0.006	96	114662	50.0	42.0	
67 Acenaphthene	154	7.222	7.222	0.000	95	118034	50.0	37.7	
68 2,4-Dinitrophenol	184	7.298	7.287	0.006	95	19004	100.0	40.0	
69 4-Nitrophenol	65	7.392	7.386	0.000	55	39751	100.0	61.0	
71 Dibenzofuran	168	7.387	7.386	-0.005	89	189387	50.0	45.4	
70 2,4-Dinitrotoluene	165	7.404	7.398	0.000	88	46238	50.0	45.1	
72 2,3,4,6-Tetrachlorophenol	232	7.522	7.516	0.000	94	42240	50.0	43.1	
73 Diethyl phthalate	149	7.610	7.604	0.000	97	148984	50.0	43.2	
74 4-Chlorophenyl phenyl ether	204	7.710	7.704	0.000	73	73271	50.0	44.5	
75 Fluorene	166	7.710	7.709	-0.006	81	149187	50.0	44.7	
76 4-Nitroaniline	138	7.769	7.768	-0.006	88	34055	50.0	38.1	
77 4,6-Dinitro-2-methylphenol	198	7.792	7.798	-0.006	78	41822	100.0	66.3	
78 N-Nitrosodiphenylamine	169	7.828	7.828	-0.006	77	110158	50.0	43.3	
79 1,2-Diphenylhydrazine	77	7.863	7.863	0.000	90	126997	50.0	35.8	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	87	40917	50.0	47.1	
81 4-Bromophenyl phenyl ether	248	8.169	8.175	-0.006	93	53125	50.0	47.6	
83 Hexachlorobenzene	284	8.234	8.234	0.000	91	69785	50.0	47.8	
84 Atrazine	200	8.345	8.345	0.000	91	26368	20.0	25.7	
86 Pentachloronitrobenzene	237	8.434	8.434	0.000	82	23486	50.0	41.8	
85 Pentachlorophenol	266	8.439	8.439	0.000	88	46232	100.0	52.5	
87 n-Octadecane	57	8.492	8.492	0.000	93	82275	50.0	32.3	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	199238	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.628	8.628	0.000	97	237291	50.0	45.8	
90 Anthracene	178	8.675	8.681	-0.006	98	230272	50.0	43.5	
91 Carbazole	167	8.839	8.845	-0.006	82	199894	50.0	41.1	
92 Di-n-butyl phthalate	149	9.157	9.157	0.000	99	253403	50.0	42.1	
93 Fluoranthene	202	9.757	9.763	-0.006	98	253782	50.0	43.8	
94 Benzidine	184	9.910	9.894	0.006	98	17303	50.0	4.96	
95 Pyrene	202	9.975	9.981	-0.006	97	249079	50.0	50.6	
82 Bisphenol-A	213	10.039	10.034	0.000	98	44571	25.0	18.4	
$ 96 Terphenyl-d14	244	10.122	10.122	0.000	97	201893	50.0	46.3	
97 Butyl benzyl phthalate	149	10.616	10.611	-0.006	94	99905	50.0	48.1	
99 Carbamazepine	193	10.739	10.745	-0.006	91	85734	50.0	44.8	
100 3,3'-Dichlorobenzidine	252	11.216	11.210	-0.006	98	69079	50.0	37.1	
101 Benzo[a]anthracene	228	11.239	11.245	-0.006	98	206290	50.0	42.1	
* 102 Chrysene-d12	240	11.251	11.257	-0.006	97	159419	40.0	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.263	11.269	-0.006	84	143167	50.0	46.8	
103 Chrysene	228	11.280	11.280	-0.006	95	193749	50.0	42.5	
105 Di-n-octyl phthalate	149	12.104	12.110	-0.006	93	233629	50.0	45.2	
106 Benzo[b]fluoranthene	252	12.627	12.639	-0.006	98	218219	50.0	43.9	
107 Benzo[k]fluoranthene	252	12.663	12.669	-0.006	99	217094	50.0	42.6	
108 Benzo[a]pyrene	252	13.086	13.092	-0.006	97	185405	50.0	38.8	
* 109 Perylene-d12	264	13.163	13.174	-0.011	99	180046	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.768	14.767	-0.012	98	272696	50.0	57.7	
111 Dibenz(a,h)anthracene	278	14.792	14.790	-0.012	90	230285	50.0	46.1	
112 Benzo[g,h,i]perylene	276	15.215	15.214	-0.012	95	240954	50.0	45.7	
S 119 Total Cresols	1				0			71.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-May-2022 13:13:48 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41867.d

Injection Date: 28-May-2022 03:26:30 Instrument ID: CBNAMS5

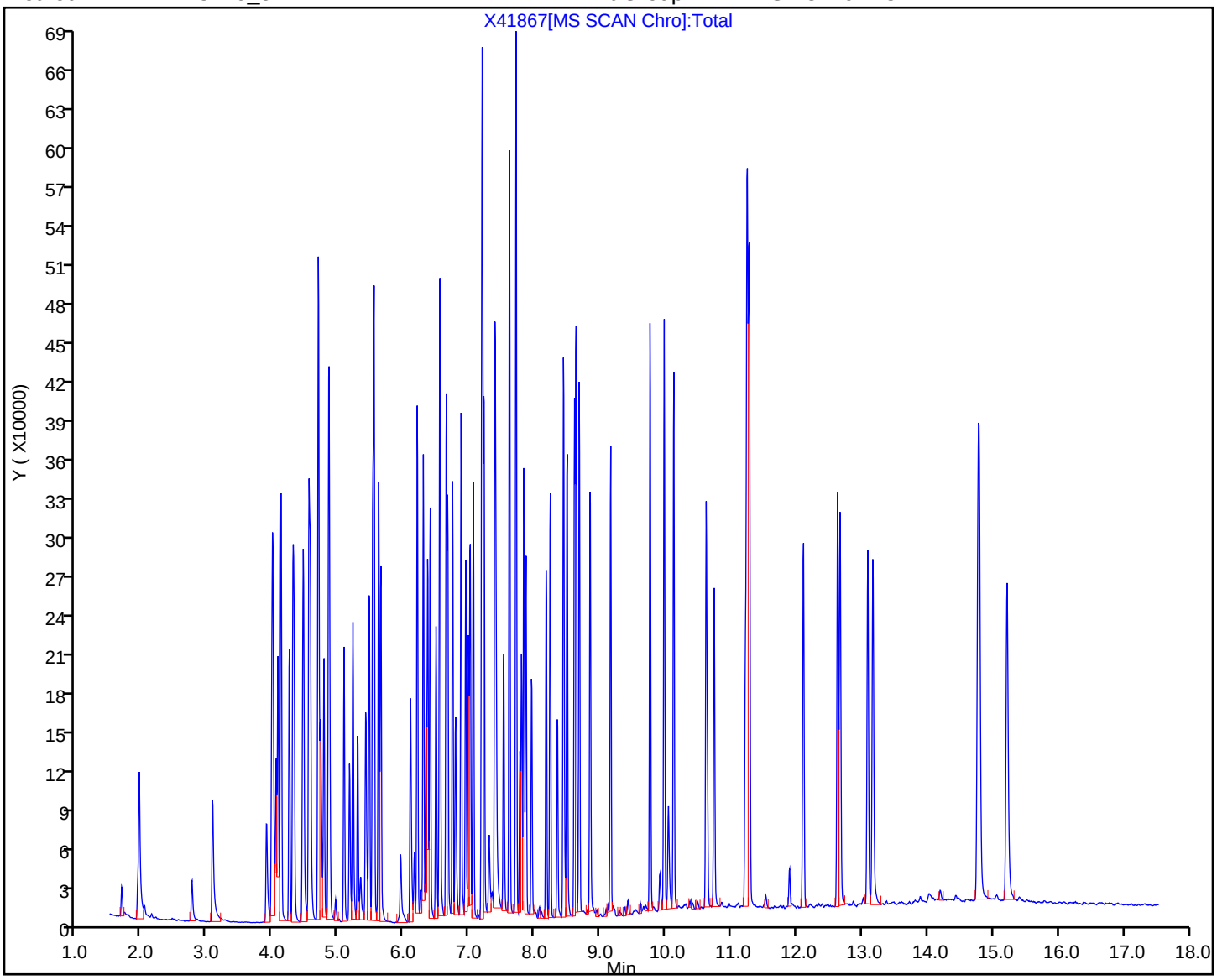
Lims ID: 180-138294-B-45-A MS

Client ID:

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41867.d
Lims ID: 180-138294-B-45-A MS
Client ID:
Sample Type: MS
Inject. Date: 28-May-2022 03:26:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-025
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:13:47 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 20:41:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	50.0	32.2	64.31
$ 6 Phenol-d5	50.0	32.0	63.93
$ 26 Nitrobenzene-d5	50.0	32.1	64.13
$ 51 2-Fluorobiphenyl	50.0	38.1	76.13
$ 80 2,4,6-Tribromophenol	50.0	47.1	94.19
$ 96 Terphenyl-d14	50.0	46.3	92.54

Manual Integration/User Assign Peak Report

Eurofins Edison

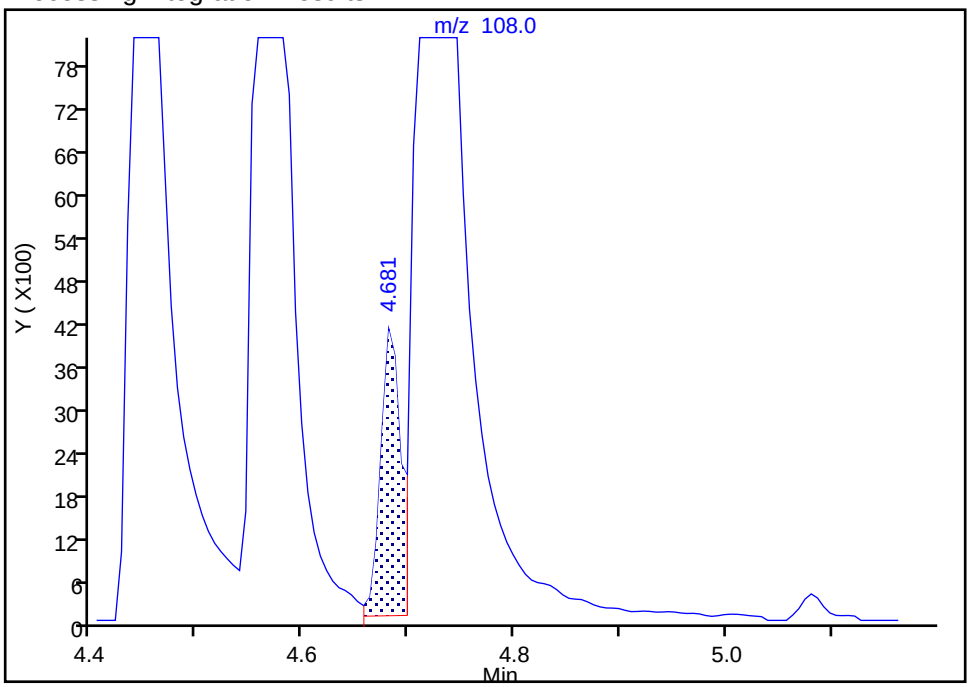
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41867.d
Injection Date: 28-May-2022 03:26:30 Instrument ID: CBNAMS5
Lims ID: 180-138294-B-45-A MS
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

Signal: 1

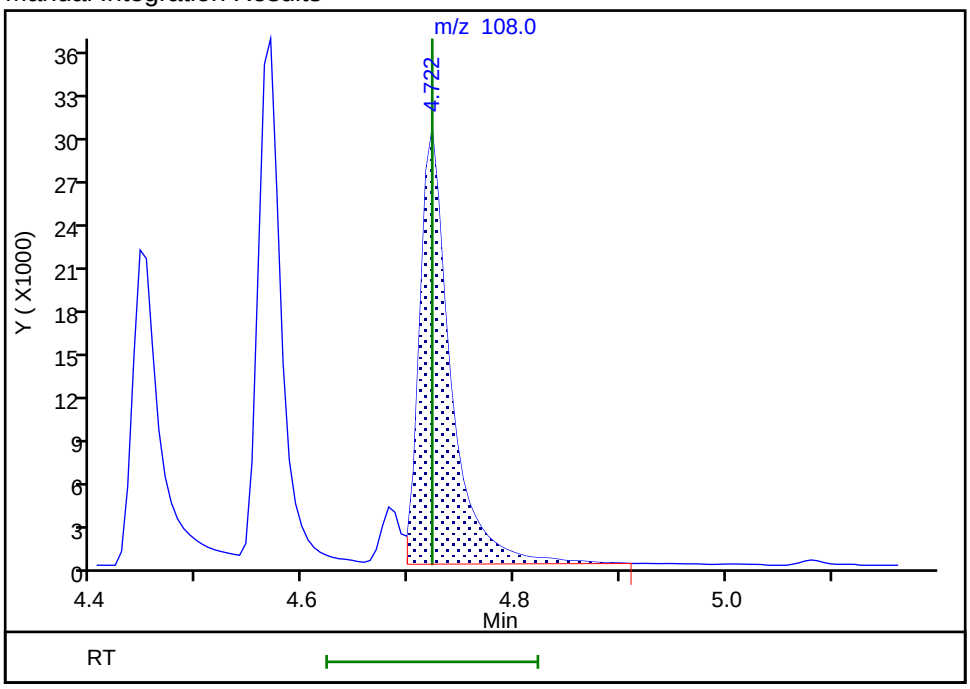
Processing Integration Results

RT: 4.68
Area: 5575
Amount: 3.148492
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 61764
Amount: 34.881338
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-May-2022 13:13:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: 180-138294-B-45-B MSD

Matrix: Solid | Lab File ID: X41868.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/28/2022 03:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.7 % Solids: 91.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.30		0.36	0.013
95-94-3	1,2,4,5-Tetrachlorobenzene	3.36		0.36	0.011
123-91-1	1,4-Dioxane	1.42		0.036	0.032
108-60-1	2,2'-oxybis[1-chloropropane]	1.81		0.36	0.0066
58-90-2	2,3,4,6-Tetrachlorophenol	3.15		0.36	0.025
95-95-4	2,4,5-Trichlorophenol	3.35		0.36	0.037
88-06-2	2,4,6-Trichlorophenol	3.16		0.15	0.047
120-83-2	2,4-Dichlorophenol	3.31		0.15	0.023
105-67-9	2,4-Dimethylphenol	2.81		0.36	0.043
51-28-5	2,4-Dinitrophenol	2.70		0.29	0.18
121-14-2	2,4-Dinitrotoluene	3.44		0.073	0.039
606-20-2	2,6-Dinitrotoluene	3.45		0.073	0.026
91-58-7	2-Chloronaphthalene	3.28		0.36	0.017
95-57-8	2-Chlorophenol	2.77		0.36	0.013
91-57-6	2-Methylnaphthalene	3.09		0.36	0.010
95-48-7	2-Methylphenol	2.71		0.36	0.014
88-74-4	2-Nitroaniline	2.19		0.36	0.028
88-75-5	2-Nitrophenol	3.03		0.36	0.036
91-94-1	3,3'-Dichlorobenzidine	2.99		0.15	0.055
99-09-2	3-Nitroaniline	3.03		0.36	0.086
534-52-1	4,6-Dinitro-2-methylphenol	4.60		0.29	0.15
101-55-3	4-Bromophenyl phenyl ether	3.67		0.36	0.014
59-50-7	4-Chloro-3-methylphenol	3.11		0.36	0.020
106-47-8	4-Chloroaniline	2.67		0.36	0.064
7005-72-3	4-Chlorophenyl phenyl ether	3.39		0.36	0.013
106-44-5	4-Methylphenol	2.51		0.36	0.023
100-01-6	4-Nitroaniline	2.84		0.36	0.042
100-02-7	4-Nitrophenol	4.51		0.73	0.059
83-32-9	Acenaphthene	2.85		0.36	0.010
208-96-8	Acenaphthylene	3.04		0.36	0.010
98-86-2	Acetophenone	2.49		0.36	0.018
120-12-7	Anthracene	3.30		0.36	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: 180-138294-B-45-B MSD

Matrix: Solid | Lab File ID: X41868.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/28/2022 03:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.7 % Solids: 91.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1912-24-9	Atrazine	2.02		0.15	0.021
100-52-7	Benzaldehyde	1.31		0.36	0.060
56-55-3	Benzo[a]anthracene	3.11		0.036	0.013
50-32-8	Benzo[a]pyrene	3.00		0.036	0.0097
205-99-2	Benzo[b]fluoranthene	3.38		0.036	0.0094
191-24-2	Benzo[g,h,i]perylene	3.48		0.36	0.011
207-08-9	Benzo[k]fluoranthene	3.21		0.036	0.0071
111-91-1	Bis(2-chloroethoxy)methane	2.67		0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	2.59		0.036	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	3.39		0.36	0.019
85-68-7	Butyl benzyl phthalate	3.47		0.36	0.017
105-60-2	Caprolactam	1.87		0.36	0.056
86-74-8	Carbazole	3.16		0.36	0.014
218-01-9	Chrysene	3.23		0.36	0.0061
53-70-3	Dibenz(a,h)anthracene	3.46		0.036	0.016
132-64-9	Dibenzofuran	3.41		0.36	0.012
84-66-2	Diethyl phthalate	3.33		0.36	0.012
131-11-3	Dimethyl phthalate	3.49		0.36	0.082
84-74-2	Di-n-butyl phthalate	3.17		0.36	0.014
117-84-0	Di-n-octyl phthalate	3.35		0.36	0.019
206-44-0	Fluoranthene	3.28		0.36	0.013
86-73-7	Fluorene	3.35		0.36	0.011
118-74-1	Hexachlorobenzene	3.69		0.036	0.017
87-68-3	Hexachlorobutadiene	3.18		0.073	0.0077
77-47-4	Hexachlorocyclopentadiene	2.16		0.36	0.032
67-72-1	Hexachloroethane	2.56		0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	4.38		0.036	0.014
78-59-1	Isophorone	2.58		0.15	0.10
91-20-3	Naphthalene	3.52		0.36	0.0063
98-95-3	Nitrobenzene	2.68		0.036	0.020
621-64-7	N-Nitrosodi-n-propylamine	2.39		0.036	0.026
86-30-6	N-Nitrosodiphenylamine	3.28		0.36	0.030

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-258917-1

SDG No.:

Client Sample ID: | Lab Sample ID: 180-138294-B-45-B MSD

Matrix: Solid | Lab File ID: X41868.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/27/2022 11:26

Sample wt/vol: 15.00(g) | Date Analyzed: 05/28/2022 03:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(ugAOC/L) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.7 % Solids: 91.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 847119 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	4.43		0.29	0.074
85-01-8	Phenanthrene	3.43		0.36	0.0064
108-95-2	Phenol	2.77		0.36	0.013
129-00-0	Pyrene	3.79		0.36	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	96		10-123
321-60-8	2-Fluorobiphenyl	80		22-122
367-12-4	2-Fluorophenol (Surr)	64		18-123
4165-60-0	Nitrobenzene-d5 (Surr)	63		16-125
4165-62-2	Phenol-d5 (Surr)	64		23-120
1718-51-0	Terphenyl-d14 (Surr)	95		25-126

Report Date: 30-May-2022 13:14:39 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41868.d
Lims ID: 180-138294-B-45-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 28-May-2022 03:50:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-026
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:14:39 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 20:41:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.681	1.663	0.018	95	11526	50.0	19.4	
	2 N-Nitrosodimethylamine	74	1.928	1.910	0.018	73	26713	50.0	29.0	
	3 Pyridine	79	1.952	1.928	0.024	86	59857	100.0	41.4	
$	4 2-Fluorophenol	112	3.075	3.063	0.012	94	53904	50.0	31.8	
	5 Benzaldehyde	77	3.898	3.899	-0.001	89	25352	20.0	17.9	E
$	6 Phenol-d5	99	3.975	4.063	0.000	92	64437	50.0	32.0	
	7 Phenol	94	3.993	3.987	0.006	75	76867	50.0	37.9	
	8 Aniline	93	3.993	3.993	0.000	78	70953	50.0	29.1	
	9 Bis(2-chloroethyl)ether	93	4.046	4.046	0.000	83	51335	50.0	35.4	
	11 2-Chlorophenol	128	4.110	4.110	0.000	90	65973	50.0	38.0	
	12 n-Decane	43	4.122	4.122	0.000	94	52481	50.0	21.4	
	13 1,3-Dichlorobenzene	146	4.246	4.246	0.000	96	69072	50.0	37.0	
*	14 1,4-Dichlorobenzene-d4	152	4.298	4.299	-0.001	95	49149	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.316	4.316	0.000	95	71030	50.0	37.6	
	16 Benzyl alcohol	108	4.451	4.446	0.005	88	37325	50.0	35.2	
	17 1,2-Dichlorobenzene	146	4.463	4.463	0.000	95	67778	50.0	37.9	
	19 2,2'-oxybis[1-chloropropane]	45	4.557	4.557	0.000	84	75229	50.0	24.8	
	18 2-Methylphenol	108	4.569	4.569	0.000	70	54237	50.0	37.2	
	20 N-Methylaniline	106	4.681	4.687	-0.006	91	89097	50.0	34.8	
	22 N-Nitrosodi-n-propylamine	70	4.687	4.693	-0.006	75	39557	50.0	32.7	
	21 Acetophenone	105	4.693	4.693	0.000	86	79114	50.0	34.1	
	24 4-Methylphenol	108	4.722	4.722	0.000	15	56172	50.0	34.4	a
	23 3 & 4 Methylphenol	108	4.722	4.722	0.000	19	56172	50.0	34.4	a
	25 Hexachloroethane	117	4.775	4.775	0.000	89	24978	50.0	35.0	
$	26 Nitrobenzene-d5	82	4.840	4.846	-0.006	91	55868	50.0	31.4	
	27 n,n'-Dimethylaniline	120	4.851	4.851	0.000	92	89719	50.0	35.6	
	28 Nitrobenzene	123	4.863	4.858	0.000	92	28761	50.0	36.7	
	31 Isophorone	82	5.081	5.075	0.000	96	100899	50.0	35.4	
	32 2-Nitrophenol	139	5.163	5.158	0.000	90	35099	50.0	41.5	
	33 2,4-Dimethylphenol	122	5.216	5.210	0.000	90	53163	50.0	38.5	
	34 Bis(2-chloroethoxy)methane	93	5.287	5.287	-0.006	97	62533	50.0	36.5	
	35 Benzoic acid	122	5.328	5.346	-0.023	47	9977	50.0	13.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.416	5.404	0.006	95	56493	50.0	45.3	
37 1,2,4-Trichlorobenzene	180	5.463	5.463	-0.006	91	60985	50.0	44.2	
* 38 Naphthalene-d8	136	5.516	5.522	-0.006	98	171424	40.0	40.0	
39 Naphthalene	128	5.540	5.534	0.000	99	212026	50.0	48.3	
40 4-Chloroaniline	127	5.610	5.604	0.000	88	69940	50.0	36.5	
130 2,6-Dichlorophenol	162	5.610	5.604	0.000	91	53693	50.0	43.6	
41 Hexachlorobutadiene	225	5.645	5.640	-0.001	91	38144	50.0	43.5	
42 Caprolactam	113	5.945	5.945	-0.006	86	8617	20.0	25.6	
43 4-Chloro-3-methylphenol	107	6.098	6.092	0.000	95	52810	50.0	42.5	
44 2-Methylnaphthalene	142	6.198	6.198	-0.006	83	125090	50.0	42.4	
45 1-Methylnaphthalene	142	6.292	6.293	-0.001	83	114167	50.0	42.3	
46 Hexachlorocyclopentadiene	237	6.340	6.334	0.000	71	34412	50.0	29.6	
127 4,4'-DDT	235	6.340	6.345	-0.005	1	21651		NC	
47 1,2,4,5-Tetrachlorobenzene	216	6.363	6.358	0.000	97	67496	50.0	46.0	
29 2-Toluidine	107	6.398	6.372	0.026	28	5739		NC	
48 2-tertbutyl-4-methylphenol	149	6.398	6.392	0.000	77	82260	50.0	45.4	
49 2,4,6-Trichlorophenol	196	6.487	6.481	0.000	91	42245	50.0	43.2	
50 2,4,5-Trichlorophenol	196	6.540	6.534	0.000	65	48491	50.0	45.9	
$ 51 2-Fluorobiphenyl	172	6.545	6.551	-0.006	97	141214	50.0	40.0	
52 1,1'-Biphenyl	154	6.645	6.640	0.000	95	155779	50.0	45.2	
53 2-Chloronaphthalene	162	6.663	6.664	-0.006	97	121440	50.0	45.0	
54 Phenyl ether	170	6.739	6.740	-0.006	83	89144	50.0	47.1	
56 2-Nitroaniline	65	6.787	6.781	0.000	87	32532	50.0	30.0	
57 1,3-Dimethylnaphthalene	156	6.869	6.875	-0.006	89	97532	50.0	45.5	
58 Dimethyl phthalate	163	6.939	6.940	-0.006	99	145302	50.0	47.7	
59 Coumarin	146	6.981	6.973	0.000	64	46740	50.0	43.5	
60 2,6-Dinitrotoluene	165	7.010	7.004	0.000	67	31796	50.0	47.2	
61 Acenaphthylene	152	7.057	7.051	0.000	90	181598	50.0	41.6	
64 3-Nitroaniline	138	7.181	7.181	-0.006	66	33066	50.0	41.5	
* 65 Acenaphthene-d10	164	7.187	7.192	-0.005	97	91755	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.198	7.198	-0.006	96	109466	50.0	44.8	
67 Acenaphthene	154	7.222	7.222	0.000	95	109604	50.0	39.1	
68 2,4-Dinitrophenol	184	7.304	7.287	0.012	94	15599	100.0	36.9	
69 4-Nitrophenol	65	7.392	7.386	0.000	56	35995	100.0	61.7	
71 Dibenzofuran	168	7.387	7.386	-0.006	89	174481	50.0	46.7	
70 2,4-Dinitrotoluene	165	7.404	7.398	0.000	89	43222	50.0	47.2	
72 2,3,4,6-Tetrachlorophenol	232	7.522	7.516	0.000	95	37863	50.0	43.2	
73 Diethyl phthalate	149	7.610	7.604	0.000	97	140846	50.0	45.6	
74 4-Chlorophenyl phenyl ether	204	7.710	7.704	0.000	72	68371	50.0	46.4	
75 Fluorene	166	7.710	7.709	-0.006	81	137162	50.0	45.9	
76 4-Nitroaniline	138	7.769	7.768	-0.006	88	31076	50.0	38.9	
77 4,6-Dinitro-2-methylphenol	198	7.792	7.798	-0.006	77	35084	100.0	63.1	
78 N-Nitrosodiphenylamine	169	7.828	7.828	-0.006	86	100821	50.0	44.9	
79 1,2-Diphenylhydrazine	77	7.863	7.863	0.000	91	116450	50.0	37.2	
$ 80 2,4,6-Tribromophenol	330	7.951	7.951	0.000	87	37118	50.0	47.8	
81 4-Bromophenyl phenyl ether	248	8.175	8.175	0.000	95	49527	50.0	50.3	
83 Hexachlorobenzene	284	8.234	8.234	0.000	93	65093	50.0	50.5	
84 Atrazine	200	8.339	8.345	-0.006	91	25069	20.0	27.7	
86 Pentachloronitrobenzene	237	8.433	8.434	-0.001	74	21184	50.0	42.7	
85 Pentachlorophenol	266	8.439	8.439	0.000	88	47181	100.0	60.7	
87 n-Octadecane	57	8.492	8.492	0.000	94	77029	50.0	34.3	
* 88 Phenanthrene-d10	188	8.604	8.604	0.000	98	175804	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.628	8.628	0.000	97	215034	50.0	47.0	
90 Anthracene	178	8.675	8.681	-0.006	98	211519	50.0	45.2	
91 Carbazole	167	8.839	8.845	-0.006	82	185715	50.0	43.2	
92 Di-n-butyl phthalate	149	9.157	9.157	0.000	99	230680	50.0	43.5	
93 Fluoranthene	202	9.757	9.763	-0.006	98	229302	50.0	44.9	
94 Benzidine	184	9.904	9.894	0.000	98	33400	50.0	10.9	
95 Pyrene	202	9.975	9.981	-0.006	98	231542	50.0	51.9	
82 Bisphenol-A	213	10.039	10.034	0.000	96	41265	25.0	18.8	
$ 96 Terphenyl-d14	244	10.122	10.122	0.000	97	188042	50.0	47.6	
97 Butyl benzyl phthalate	149	10.616	10.611	-0.006	94	89617	50.0	47.6	
99 Carbamazepine	193	10.739	10.745	-0.006	92	79349	50.0	45.7	
100 3,3'-Dichlorobenzidine	252	11.216	11.210	-0.006	98	69131	50.0	40.9	
101 Benzo[a]anthracene	228	11.239	11.245	-0.006	98	189213	50.0	42.6	
* 102 Chrysene-d12	240	11.245	11.257	-0.012	98	144479	40.0	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.263	11.269	-0.006	84	129037	50.0	46.5	
103 Chrysene	228	11.280	11.280	-0.006	95	182556	50.0	44.2	
105 Di-n-octyl phthalate	149	12.104	12.110	-0.006	93	214663	50.0	45.9	
106 Benzo[b]fluoranthene	252	12.627	12.639	-0.006	98	208315	50.0	46.3	
107 Benzo[k]fluoranthene	252	12.663	12.669	-0.006	99	202884	50.0	44.0	
108 Benzo[a]pyrene	252	13.086	13.092	-0.006	97	177808	50.0	41.1	
* 109 Perylene-d12	264	13.163	13.174	-0.011	99	163053	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.774	14.767	-0.006	97	256716	50.0	60.0	
111 Dibenz(a,h)anthracene	278	14.792	14.790	-0.012	88	214632	50.0	47.4	
112 Benzo[g,h,i]perylene	276	15.215	15.214	-0.012	93	227451	50.0	47.7	
S 119 Total Cresols	1				0			71.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-May-2022 13:14:39 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41868.d

Injection Date: 28-May-2022 03:50:30 Instrument ID: CBNAMS5

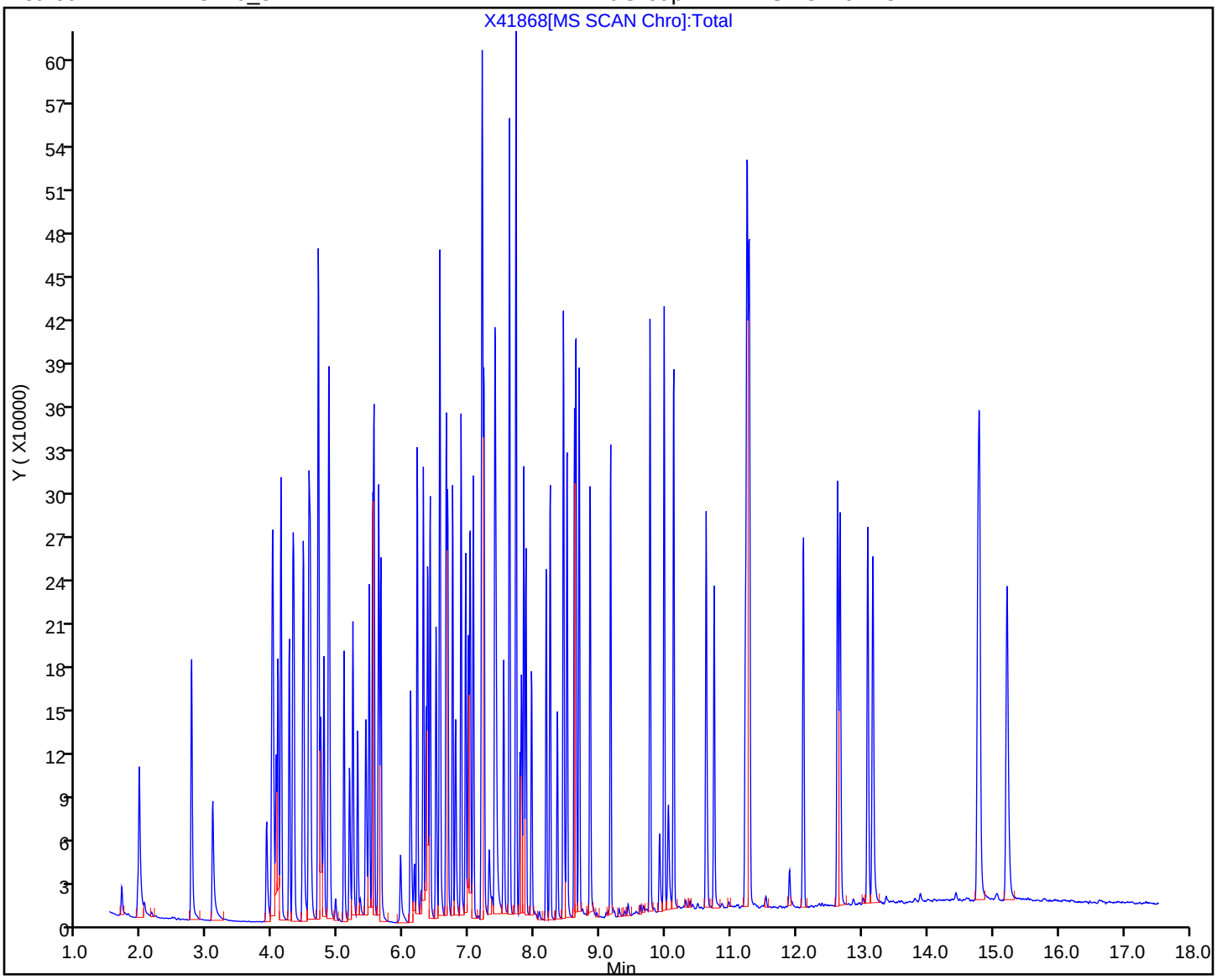
Lims ID: 180-138294-B-45-B MSD

Client ID:

Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Report Date: 30-May-2022 13:14:39 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41868.d
Lims ID: 180-138294-B-45-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 28-May-2022 03:50:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Sample Info: 460-0145864-026
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 30-May-2022 13:14:39 Calib Date: 29-Mar-2022 13:15:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20220329-143349.b\X40648.d

Column 1 : Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: hamziy Date: 28-May-2022 20:41:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	50.0	31.8	63.56
$ 6 Phenol-d5	50.0	32.0	63.92
$ 26 Nitrobenzene-d5	50.0	31.4	62.79
$ 51 2-Fluorobiphenyl	50.0	40.0	80.03
$ 80 2,4,6-Tribromophenol	50.0	47.8	95.52
$ 96 Terphenyl-d14	50.0	47.6	95.11

Manual Integration/User Assign Peak Report

Eurofins Edison

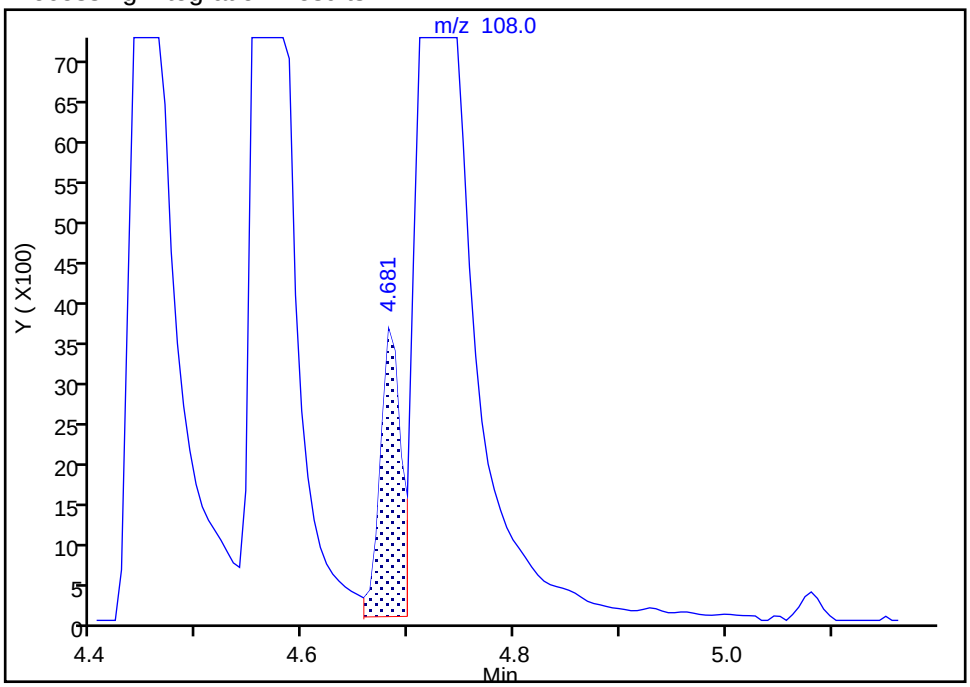
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20220527-145864.b\X41868.d
Injection Date: 28-May-2022 03:50:30 Instrument ID: CBNAMS5
Lims ID: 180-138294-B-45-B MSD
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ugAOC/L Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

Signal: 1

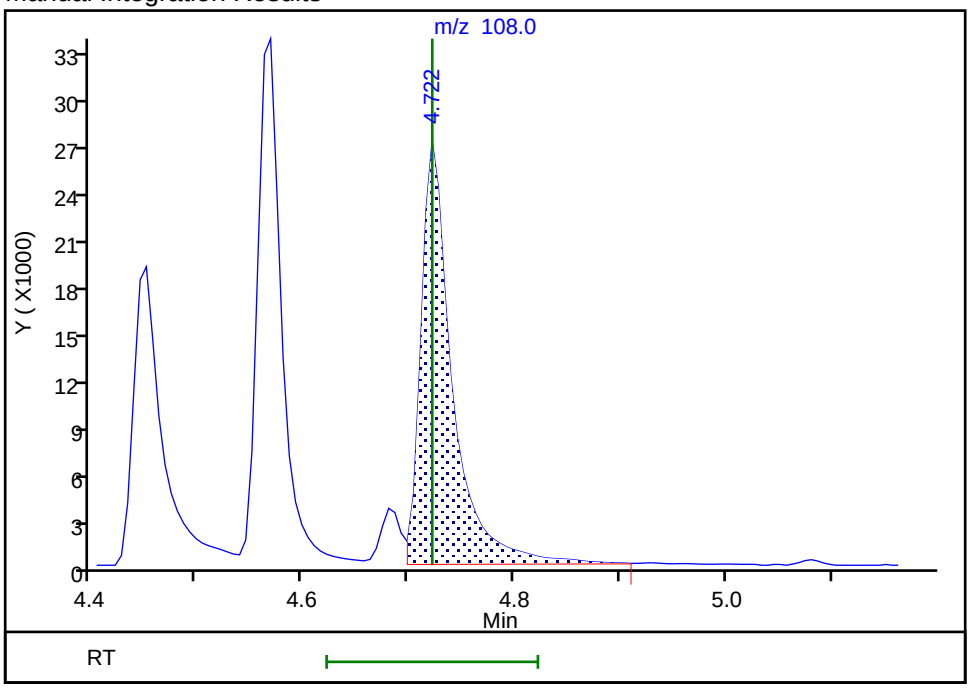
Processing Integration Results

RT: 4.68
Area: 5104
Amount: 3.121426
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 56172
Amount: 34.352811
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-May-2022 13:14:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 03/29/2022 09:43

Analysis Batch Number: 836125 End Date: 03/29/2022 13:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-836125/1		03/29/2022 09:43	1	X40639.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-836125/2		03/29/2022 09:55	1	X40640.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-836125/3 IC		03/29/2022 10:19	1	X40641.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-836125/4 IC		03/29/2022 10:49	1	X40642.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-836125/5 IC		03/29/2022 11:13	1	X40643.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-836125/6 IC		03/29/2022 11:37	1	X40644.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-836125/7 IC		03/29/2022 12:02	1	X40645.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-836125/8 IC		03/29/2022 12:26	1	X40646.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-836125/9 IC		03/29/2022 12:51	1	X40647.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-836125/10 IC		03/29/2022 13:15	1	X40648.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-836125/11		03/29/2022 13:39	1	X40649.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 05/27/2022 18:11

Analysis Batch Number: 847119 End Date: 05/28/2022 05:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-847119/2		05/27/2022 18:11	1	X41844.d	Rtxi-5Sil MS 0.25(mm)
MB 460-847011/1-A		05/27/2022 19:07	1	X41846.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-847011/2-A		05/27/2022 19:31	1	X41847.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-847011/3-A		05/27/2022 19:54	1	X41848.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 20:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 20:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 21:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 21:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 21:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 22:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 22:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 23:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 23:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2022 23:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 00:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 00:39	1		Rtxi-5Sil MS 0.25(mm)
460-258917-1	UST-1-A	05/28/2022 01:03	1	X41861.d	Rtxi-5Sil MS 0.25(mm)
460-258917-2	UST-1-B	05/28/2022 01:27	1	X41862.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 01:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 02:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 02:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 03:01	1		Rtxi-5Sil MS 0.25(mm)
180-138294-B-45-A MS		05/28/2022 03:26	1	X41867.d	Rtxi-5Sil MS 0.25(mm)
180-138294-B-45-B MSD		05/28/2022 03:50	1	X41868.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 04:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 04:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 05:02	40		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2022 05:26	2		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 836125 Batch Start Date: 03/29/22 09:43 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SMDFTP_CH 00033	SV_BNA_ICV 00006	SV_BNA_L1 00003	SV_BNA_L2 00003	SV_BNA_L3 00003	SV_BNA_L4 00003
DFTPP 460-836125/1		8270E		1 mL					
ICIS 460-836125/2		8270E							
STD120 460-836125/3 IC		8270E							
STD80 460-836125/4 IC		8270E							
STD20 460-836125/5 IC		8270E							
STD10 460-836125/6 IC		8270E							
STD5 460-836125/7 IC		8270E							1 mL
STD2 460-836125/8 IC		8270E						1 mL	
STD1 460-836125/9 IC		8270E					1 mL		
STD05 460-836125/10 IC		8270E				1 mL			
ICV 460-836125/11		8270E			1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNA_L5 00003	SV_BNA_L6 00003	SV_BNA_L7 00003	SV_BNA_L8 00003	SV_BNA_L9 00003	
DFTPP 460-836125/1		8270E							
ICIS 460-836125/2		8270E				1 mL			
STD120 460-836125/3 IC		8270E						1 mL	
STD80 460-836125/4 IC		8270E					1 mL		
STD20 460-836125/5 IC		8270E			1 mL				
STD10 460-836125/6 IC		8270E		1 mL					
STD5 460-836125/7 IC		8270E							
STD2 460-836125/8 IC		8270E							

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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 836125 Batch Start Date: 03/29/22 09:43 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNA_L5 00003	SV_BNA_L6 00003	SV_BNA_L7 00003	SV_BNA_L8 00003	SV_BNA_L9 00003	
STD1 460-836125/9 IC		8270E							
STD05 460-836125/10 IC		8270E							
ICV 460-836125/11		8270E							

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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 847011 Batch Start Date: 05/27/22 11:26 Batch Analyst: Santos, Omar T

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00018	OP_BNA SPIK 00043	OP_BNASurroga 00023	
MB 460-847011/1		3546, 8270E		15.00 g	1 mL			500 uL	
LCS 460-847011/2		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-847011/3		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
180-138294-B-45 MS		3546, 8270E	T	15.01 g	1 mL	10 uL	500 uL	500 uL	
180-138294-B-45 MSD		3546, 8270E	T	15.00 g	1 mL	10 uL	500 uL	500 uL	
460-258917-A-1	UST-1-A	3546, 8270E	T	15.01 g	1 mL			500 uL	
460-258917-A-2	UST-1-B	3546, 8270E	T	15.01 g	1 mL			500 uL	

Batch Notes	
Method/Fraction	3546 / 8270E
Balance ID	34
Microwave Oven ID	MD-1952
Analyst ID - Extraction	OS
Blank Matrix ID	181427
Analyst ID - Spike Analyst	OS
Analyst ID - Spike Witness Analyst	FW
Prep Solvent ID	Dichloromethane: 1462001 & Acetone: 362005
Na2SO4 ID	214885
Analyst ID - Concentration	OS
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21036163
Batch Comment	BNA Soil

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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-258917-1

SDG No.:

Project: 47 Broadway

Client Sample ID	Lab Sample ID
UST-1-A	460-258917-1
UST-1-B	460-258917-2

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-258917-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-258917-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/27/2022 18:44 End Date: 05/27/2022 18:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			18:44																				
460-258917-1	1	T	18:44	X	X																		
460-258917-2	1	T	18:44	X	X																		
ZZZZZZ			18:44																				
ZZZZZZ			18:44																				
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ZZZZZZ			18:44																				
460-258970-A-4 DU	1	T	18:44	X	X																		

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-258917-1

Batch: 847125
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-258917-A-1

Analysis Date: May 27, 2022 18:44

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	23.0344827586207	%
Percent Solids	None	1	76.9655172413793	%

Lab Sample ID: 460-258917-A-2

Analysis Date: May 27, 2022 18:44

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.2846715328467	%
Percent Solids	None	1	86.7153284671533	%

Lab Sample ID: 460-258970-A-4 DU

Analysis Date: May 27, 2022 18:44

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.4042553191489	%
Percent Solids	None	1	96.5957446808511	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-258917-1

SDG No.:

Batch Number: 847125 Batch Start Date: 05/27/22 18:44 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-258917-A-1	UST-1-A	Moisture	T	178	1.32 g	8.57 g	6.90 g	23.034482758620 7 %	76.965517241379 3 %
460-258917-A-2	UST-1-B	Moisture	T	179	1.30 g	8.15 g	7.24 g	13.284671532846 7 %	86.715328467153 3 %
460-258970-A-4 DU		Moisture	T	198	1.31 g	8.36 g	8.12 g	3.4042553191489 %	96.595744680851 1 %

Batch Notes	
Balance ID	106
Oven ID	2
Thermometer ID	W25166
Date samples were placed in the oven	05/27/2022
Time samples were place in the oven	19:21
Temperature - Start - Uncorrected	110 Degrees C
Oven Temp In	110 Degrees C
Date samples were removed from oven	05/28/2022
Time Samples were removed from oven	12:00
Temperature - End - Uncorrected	110 Degrees C
Oven Temp Out	110 Degrees C
Batch Comment	oven

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

258917

Address: 47 Broadway
Lynbrook, NY 11563

Chain of Custody Record

624366

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Jon Wood	Site Contact: A. DiSato	Date: 05/25/2022	COC No:
Company Name: J M Sorge, Inc.	Tel/Email: jwood@jmsorge.com	Lab Contact: E. Flannery	Carrier:	1 of 1 COCs
Address: 57 Fourth Street	Analysis Turnaround Time			Sampler: AD
City/State/Zip: Somerville, NJ 08876	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone: 908-218-0066	TAT if different from Below 5 Day			Walk-in Client:
Fax: 908-218-9185	☐ 2 weeks			Lab Sampling:
Project Name: 47 Broadway	☒ 1 week			
Site: 47 Broadway	☐ 2 days			Job / SDG No.:
PO# 2020.005	☐ 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)	EPA Test Method 8260 VOC	EPA Test Method 8270 SVOC	Sample Specific Notes:
1	UST-1-A	5/25/22	1145	G	Soil	5	N	N	X	X	
2	UST-1-B	5/25/22	1155	G	Soil	5	↓	↓	X	X	

460-258917 Chain of Custody

SHORT HOLD

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
NY Category B Deliverables, CC jwood@jmsorge.com on Invoice

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company	Date/Time		Company	Date/Time
Relinquished by:	JM Sorge	5/25/22 1800	Received by:	FGT	5.26.22 9:45
Relinquished by:	FGT	5/26/22 1930	Received by:		5/26/22 1930
Relinquished by:			Received in Laboratory by:		

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 258917

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.1 °C	4.5 °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: BRM Date: 5-26-22

Login Sample Receipt Checklist

Client: J.M. Sorge, Inc.

Job Number: 460-258917-1

Login Number: 258917
List Number: 1
Creator: Sgro, Angela M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX E

Fill Documentation

INVOICE

Invoice #:	90801
Date:	05/20/22
Customer No:	1056
Job #:	LYNBROOK

From: Posillico Materials, LLC
1750 New Highway
Farmingdale NY 11735

Sold To: Action Remediation
3010 Burns Avenue
Wantagh, NY 11793

Delivered To:

Sale Date	Ticket	Units	UM	Unit Price	Matl Total	Haul Total	Tax Code	Tax	Total
PO #:									
Sale Date: 05/20/22									
MATERIAL:	Coarse Sand								
05/20/22	365018	40.160	TON						

Total Invoice:

Payment Type: **On Account**

N30 Pay Terms Net Due in 30 Days

Technical Report

prepared for:

Posillico Wash Plant
1750 New Highway
Farmingdale NY, 11735
Attention: Mohammad Ramin

Report Date: 05/27/2022
Client Project ID: Coarse Sand - 5/19/2022
York Project (SDG) No.: 22E0895

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/27/2022
Client Project ID: Coarse Sand - 5/19/2022
York Project (SDG) No.: 22E0895

Posillico Wash Plant
1750 New Highway
Farmingdale NY, 11735
Attention: Mohammad Ramin

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 19, 2022 and listed below. The project was identified as your project: **Coarse Sand - 5/19/2022**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22E0895-01	CS01	Soil	05/19/2022	05/19/2022

General Notes for York Project (SDG) No.: 22E0895

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

Approved By: Cassie L. Mosher **Date:** 05/27/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: CS01 **York Sample ID:** 22E0895-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22E0895	Coarse Sand - 5/19/2022	Soil	May 19, 2022 9:40 am	05/19/2022

Semi-Volatiles, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.0442**	J	mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.325**		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.168**		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.116**		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.181**		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0933**		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.146**		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.385**		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D Certifications:	05/24/2022 08:01	05/25/2022 16:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: CS01 **York Sample ID:** 22E0895-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22E0895	Coarse Sand - 5/19/2022	Soil	May 19, 2022 9:40 am	05/19/2022

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.311**		mg/kg dry	0.0440	0.0877	2	EPA 8270D	05/24/2022 08:01	05/25/2022 16:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	05/24/2022 08:01	05/25/2022 16:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.358**		mg/kg dry	0.0440	0.0877	2	EPA 8270D	05/24/2022 08:01	05/25/2022 16:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*28.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.3 %*	*24-116*

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00164	5	EPA 8081B	05/22/2022 08:26	05/26/2022 01:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: CS01 **York Sample ID:** 22E0895-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22E0895	Coarse Sand - 5/19/2022	Soil	May 19, 2022 9:40 am	05/19/2022

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/22/2022 08:26	05/26/2022 01:00	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:26	05/26/2022 01:00	CM
72-20-8	Endrin	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:26	05/26/2022 01:00	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:26	05/26/2022 01:00	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:26	05/26/2022 01:00	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:26	05/25/2022 17:13	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:26	05/25/2022 17:13	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:26	05/25/2022 17:13	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:26	05/25/2022 17:13	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:26	05/25/2022 17:13	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:26	05/25/2022 17:13	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:26	05/25/2022 17:13	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	05/22/2022 08:26	05/25/2022 17:13	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-140*

Sample Information

Client Sample ID: CS01 **York Sample ID:** 22E0895-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22E0895	Coarse Sand - 5/19/2022	Soil	May 19, 2022 9:40 am	05/19/2022

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.60	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-39-3	**Barium**	**34.4**		mg/kg dry	2.67	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-47-3	**Chromium**	**4.30**		mg/kg dry	0.535	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-50-8	**Copper**	**19.0**		mg/kg dry	2.14	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7439-92-1	**Lead**	**36.0**		mg/kg dry	0.535	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7439-96-5	**Manganese**	**152**		mg/kg dry	0.535	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-02-0	**Nickel**	**5.80**		mg/kg dry	1.07	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT
7440-66-6	**Zinc**	**58.6**		mg/kg dry	2.67	1	EPA 6010D Certifications:	05/26/2022 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2022 14:39	KT

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473 Certifications:	05/25/2022 12:40 CTDOH,NJDEP,NELAC-NY10854,PADEP	05/25/2022 15:33	KT

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.535	1	EPA 7196A Certifications:	05/24/2022 13:50 NJDEP,CTDOH,NELAC-NY10854,PADEP	05/24/2022 20:01	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS01 **York Sample ID:** 22E0895-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22E0895	Coarse Sand - 5/19/2022	Soil	May 19, 2022 9:40 am	05/19/2022

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**4.30**		mg/kg	0.500	1	Calculation	05/26/2022 11:59	05/27/2022 16:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	05/25/2022 08:10	05/25/2022 13:44	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	05/24/2022 10:16	05/24/2022 13:46	VR
							Certifications: CTDOH			

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22E0895

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675 | Page ____ of ____

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Posillico Wash Plant	Company:	Company:		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: Coarse Sand - 5/19/2022	RUSH - Three Day
Contact:	Contact: Mohammad Ramin	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Mohammad Ramin

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
CS#1	S	5/19/22	Part 375 - exclude VOC + Herb	2-8oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Mohammad Ramin	5/19/2022 9:45	1. KBarkyork	5/19/22 9:45	2. KBarkyork	5/19/22 1653
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time: 5/19/22 1653 Temperature: 2.3 Degrees C

NCDH-FIF-TO

NASSAU COUNTY DEPARTMENT OF HEALTH

200 COUNTY SEAT DRIVE, MINEOLA, NY 11501

PHONE: (516) 227-9691 FAX: (516) 227-9613

FIELD INVESTIGATION FORM

☐ New Installation ☒ Tank Removal
☐ Sampling ☐ Tank Abandonment
☐ Tightness Test (TT) ☐ Functionality Test (FT)
☐ Re-Test Original Test Date:

PLEASE TYPE OR PRINT CLEARLY - *Information you provide should be as accurate as possible.*

A. INSPECTION INFORMATION

DATE OF INSPECTION	TIME OF INSPECTION	NCDH CONFIRMATION NUMBER
5/25/2022		05252022R03
DATE RECEIVED	**TIME RECEIVED**	**DEC SPILL NUMBER**
5/19/2022		2201546

FACILITY INFORMATION

FACILITY NAME	TELEPHONE NUMBER	FACILITY ID #
Property ①		61471
ADDRESS	**CITY**	**STATE** / **ZIP**
96 Station Plaza	Lynbrook	NY 11563

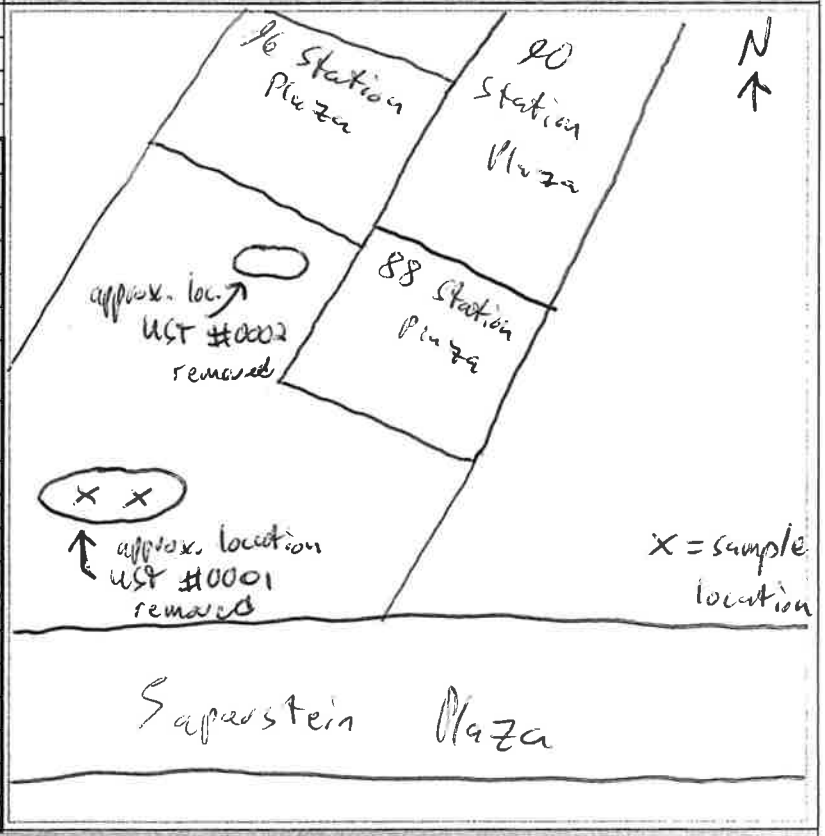
CONTRACTOR INFORMATION

COMPANY NAME	TELEPHONE/CELL NUMBER
Action Remediation Inc.	(516) 781-3000

B. TANK INFORMATION

TANK #	0001	0002			
AST/UST	UST	UST			
SIZE	2500	1000			
PRODUCT	Fuel Oil #2				
TEST:	*Indicate Pass or Fail under each tested item*				
HIGH-LEVEL PROBE FT					
INTERSTITIAL SENSOR FT					
AUDIO-VISUAL ALARM FT					
SHEAR VALVE FT					
EMERGENCY STOP FT					
TANK TOP SUMP SENSORS FT					
DISPENSER SUMP SENSORS FT					
LINE LEAK DETECT. FT					
LEAK RATE (TT ONLY)					
PASS/FAIL					
FEE/PAID?					
TANK CLOSURE:	*Indicate all tank closure job specifics*				
FILL MATERIAL	NA	NA			
VISIBLE HOLES	YES	NO			
# OF HOLES	2	NA			
SIZE OF HOLES	PUNCTURE				
HOLE LOCATION	Side	↓			
PHOTO	YES	YES			

C. SITE DIAGRAM



D. INVESTIGATION

NCDH APPROVED SITE ASSESSMENT PLAN: ☑ YES ☐ NO ☐ NA | NYSDEC PRESENT: ☐ YES ☑ NO | NYSDEC INSPECTOR: N/A

SITE ASSESSMENT PLAN FOLLOWED BY CONTRACTOR(S): ☑ YES ☐ NO ☐ NA (EXPLAIN ANY PLAN DEVIATIONS IN NOTES) | FIELD PID DETECTION:

SOIL SAMPLES TAKEN: ☑ YES ☐ NO | SIDEWALL: N/A SAMPLES N/A FEET | UNDERNEATH TANK: 2 SAMPLES 10 FEET

EXCAVATION (VISUAL & OLFACTORY): NO ☐ ODOR NO ☐ STAINED SOIL/OBVIOUS SPILL NO ☐ FREE FLOATING PRODUCT ☐ SOIL REMOVED YDS³

CONTAMINATION PRESENT IN SOIL SAMPLE RESULTS (COMPLETE AFTER CLOSURE REPORT IS REVIEWED): ☐ YES ☐ NO (DESCRIBE IN NOTES)

REMOVED / CLOSED ITEMS: ☑ VENT(S) ☑ PIPING ☐ DISPENSER(S) ☐ ANCILLARY EQUIPMENT:

NEW INSTALLATION: ☐ YES ☑ NO ☐ GAS | TANK SIZE: | APPROVED PLANS: ☐ YES ☑ NO | BACKFILLING APPROVED ☑ YES ☐ NO

INSPECTOR: Brad Grimaldi SUPERVISOR: Michael Mancuso

EMPLOYEE NUMBER: 055 DATE: 6/25/22

☑ SEE NOTES ON REVERSED SIDE
☑ COMPUTER ENTRY
☑ DATA BOOK ENTRY

NCDH-FIF-TO

FACILITY ID # FACILITY NAME: NCDH CONFIRMATION #: DATE:

NOTES:

USTs #0001 + #0002 removed - see small tanks closure database for UST #0002 in addition to this report. PID meter readings below 5ppm all samples. Two (2) bottom samples witnessed for UST #0001, field screened sample UST #0002 excavation. Some holes/punctures created UST #0002 during removal as per contractor. Contaminated fill removed from UST #0001 previously abandoned-in-place. No apparent contamination, sample results pending.

6/20/24 - Sample results received, no exceedances found.

INSPECTOR: _____ SUPERVISOR: _____

EMPLOYEE NUMBER: _____ DATE: _____

ATTACHMENT 4

JM Sorge
environmental consultants

57 Fourth Street, Somerville, NJ 08876-3235
(908) 218-0066 • Fax (908) 218-9185
www.jmsorge.com

June 7, 2022

Via Overnight Courier

Mr. Wayne Kempski
Nassau County Department of Health
Bureau of Environmental Engineering and Water Supply
200 County Seat Drive
Mineola, NY 11501

Re: Underground Injection Control Closure Plan
47 Broadway, Lynbrook, NY
JMS Project No. 2020005

Dear Mr. Kempski:

JM Sorge, Inc. (JMS) has prepared this closure plan as required by the Nassau County Department of Health (NCDH) to summarize the proposed underground injection control (UIC) remediation plan at 47 Broadway, Lynbrook, NY (Site). The Site is currently vacant and is part of proposed redevelopment, along with several other adjacent parcels, into a multi-story residential apartment building.

Investigations were conducted at the Site to evaluate whether there were any environmental impacts in December 2020 and May 2022. A ground penetrating radar (GPR) scan was conducted, and several anomalies identified. An excavator was utilized to install test pits in the areas of all anomalies. Three UICs were found during the test pits investigation: two drywells and one septic tank. No other UICs are known to exist on the Site. The Site is connected to municipal water/sewer.

Results from samples collected during the investigations identified exceedances of applicable standards/screening levels. To address impacts identified on the Site, remediation will be conducted. This workplan has been prepared to summarize the proposed remediation activities. The Site location is shown on **Figure 1** and a Site plan is **Figure 2**.

Summary of Contaminated Areas of Concern and the Type of Contamination

In December 2022 and May 2022, JMS obtained sediment samples from the two drywells and a liquid sample from a septic tank.

- The three structures are identified on **Figure 2** as DW-1, DW-2, and SEP-1.

- Samples were analyzed for volatile organic compounds via method 8260 (VOCs), semi-volatile organic compounds via method 8270 (SVOCs) and 8 RCRA metals per NCDH requirements. Sample Septic-1 was also analyzed for pH and Drywell-2 was analyzed for total petroleum hydrocarbons (TPH).
- **Table 1** through **Table 3** summarize the laboratory results and corresponding exceedances are depicted on **Figure 2**.

The impacted sediment in DW-1 and DW-2 and any liquid/sludge in SEP-1 will be remediated.

UIC Remediation Plan

JMS contacted NCDH and provided initial analytical results. NCDH provided information on May 19, 2022 regarding the required abandonment procedures.

To address impacted liquid and soil identified in the three UIC structures identified above, JMS has contracted Action Remediation, Inc. (Action), a licensed waste transporter. Action will remove impacted solids/sludge and liquids pumped from each UIC structure using a vactor/guzzler truck. Solids/sludge will be removed until native material is encountered in each drywell. Bottom endpoint samples from DW-1 and DW-2 will be collected to confirm that impacts have been sufficiently remediated. The endpoint of SEP-1 is believed to be in DW-1, as a pipe was observed in SEP-1 heading in the direction of DW-1.

Endpoint groundwater sampling related to the liquid contents of the septic tank is not required. Post remedial soil samples will be collected and analyzed at a NYSDOH certified laboratory based on exceedances identified during initial sampling:

- DW-1: VOCs, SVOCs, and Lead
- DW-2: Lead

The solids/sludge and liquid to be removed from each UIC structure will be disposed of off-site at a licensed disposal facility. Waste manifests will be provided to the NCHD after all disposal is complete.

Upon closure of the septic tank, after cleanout, the tank will be perforated to allow rainwater to percolate through the solid-bottomed structure. All UICs will be backfilled with clean, inert material.

Should you have any questions or concerns regarding the proposed workplan or need further

information, please do not hesitate to contact me at 631-745-9466 or jwood@jmsorge.com.

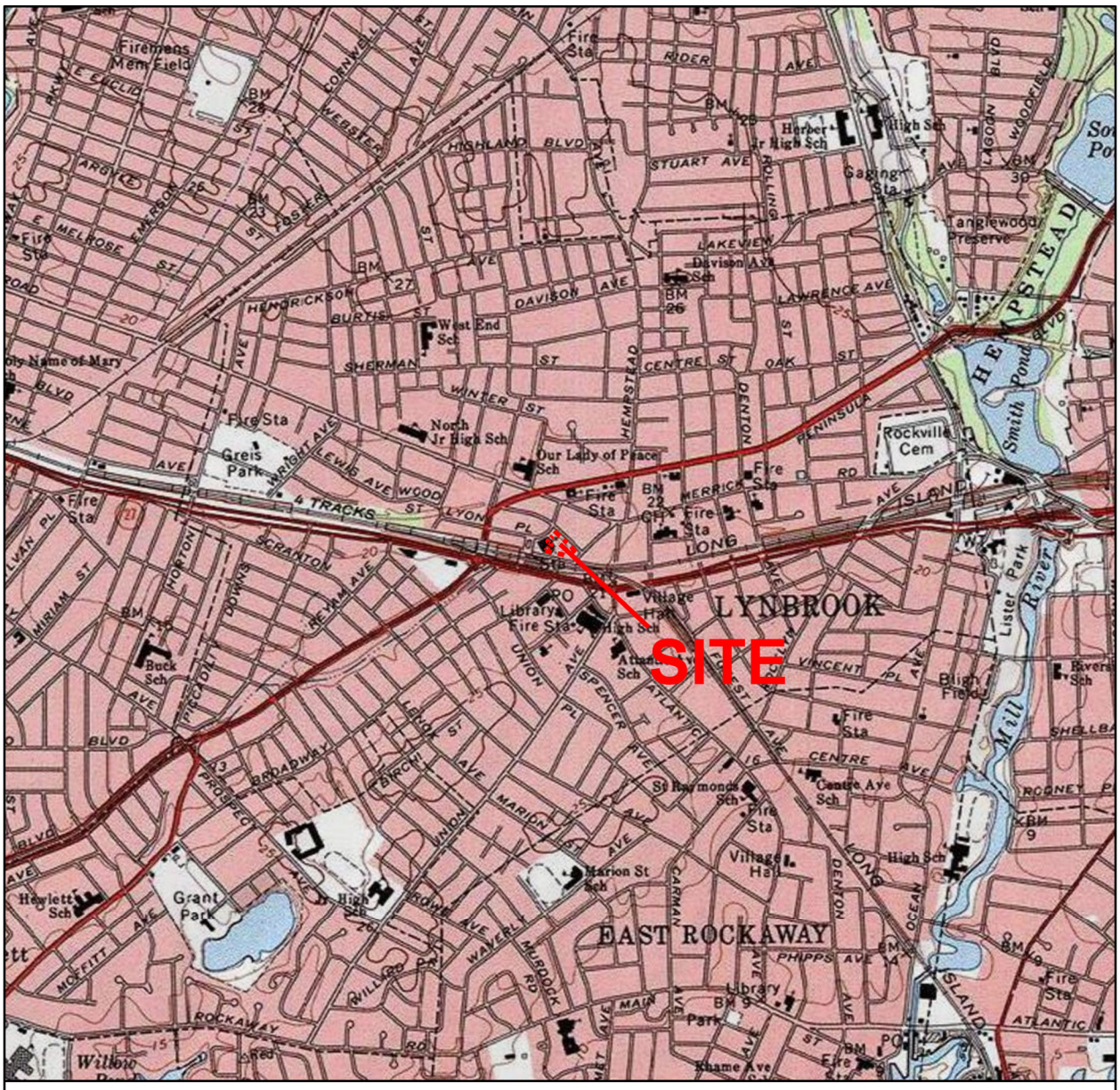
Sincerely,

Jonathan Wood
Associate Project Manager

cc: Peter Sorge – JM Sorge, Inc.
Ralph Pantony III – Action Remediation, Inc.

Attachments: Figure 1 – Site Location Map
Figure 2 – Site Map with UIC Analytical Results

Table 1 – Drywell Sediment Analytical Results Summary
Table 2 – Drywell-2 Sediment Analytical Results Summary
Table 3 – Septic-1 Analytical Results Summary



1 0.5 0 1
Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000
Feet

1 0 1 2
Kilometers

N

NOTES:
1. Source: U.S.G.S 7.5 Minute Series Greenwood Lake Quadrangle, NJ
2. Service Layer Credits: USA_Topo_Maps: Copyright:© 2013 National Geographic Society, i-cubed

Scale = 1:24,000

SITE LOCATION MAP

SITE LOCATION MAP47 BROADWAY, 17 & 21 LANGDON, AND 90 & 96 STATION PLAZA
LYNBROOK, NEW YORK

PREPARED FOR:
GRADE AND FIELDS DEVELOPMENT

Date: 2/2/2021	JMS #2020.005.001
JM SORGE, INC.	Figure 1



Legend

- Property Boundary
- Lots
- Dry Wells
- Septic Tank

NOTES:
1. This map was developed using New York State Discovery GIS NY Digital Data.

2. Property Boundaries are approximate. The borders are based on 2003 Nassau County Department of Assessment Land & Tax Map.

3. Highlighted concentration indicates the exceedance of a standard.

N

0 10 20 40
Feet

SITE MAP WITH UIC ANALYTICAL RESULTS

47 BROADWAY
BLOCK 519, LOTS 119-124
LYNBROOK, NY

PREPARED FOR:
GRADE AND FIELDS DEVELOPMENT

Date: 6/6/2022	JMS # 2020.005.007
JM SORGE, INC.	FIGURE 1

Table 1

47 Broadway, Lynbrook, New York

Drywell Sediment Analytical Results Summary

Field Sample ID	NYDEC 375-6 Soil Cleanup Obj UnRestricted Use	NYDEC 375-6 Soil Cleanup Obj Restricted Use Residential	NYDEC 375-6 Soil Cleanup Obj Restricted Use Restricted Resid	NYDEC 375-6 Soil Cleanup Obj Restricted Use Commercial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Industrial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of EC	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of GW	DRYWELL
Lab Sample ID								460-224910-11
Sampling Date								12/15/2020
Matrix								Sediment
Units								mg/kg
								Result
VOCs								
1,1,1-Trichloroethane	0.68	100	100	500	1000	NS	0.68	ND
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1-Dichloroethane	0.27	19	26	240	480	NS	0.27	ND
1,1-Dichloroethene	0.33	100	100	500	1000	NS	0.33	ND
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dibromo-3-Chloropropane	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dichlorobenzene	1.1	100	100	500	1000	NS	1.1	ND
1,2-Dichloroethane	0.02	2.3	3.1	30	60	10	0.02	ND
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	ND
1,3-Dichlorobenzene	2.4	17	49	280	560	NS	2.4	ND
1,4-Dichlorobenzene	1.8	9.8	13	130	250	20	1.8	0.0030
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.1	ND
2-Butanone (MEK)	0.12	100	100	500	1000	100	0.12	0.023
2-Hexanone	NS	NS	NS	NS	NS	NS	NS	ND
4-Methyl-2-pentanone (MIBK)	NS	NS	NS	NS	NS	NS	NS	ND
Acetone	0.05	100	100	500	1000	2.2	0.05	0.093
Benzene	0.06	2.9	4.8	44	89	70	0.06	ND
Bromoform	NS	NS	NS	NS	NS	NS	NS	ND
Bromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Carbon disulfide	NS	NS	NS	NS	NS	NS	NS	0.0059
Carbon tetrachloride	0.76	1.4	2.4	22	44	NS	0.76	ND
Chlorobenzene	1.1	100	100	500	1000	40	1.1	0.0011 J
Chlorobromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Chlorodibromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Chloroethane	NS	NS	NS	NS	NS	NS	NS	ND
Chloroform	0.37	10	49	350	700	12	0.37	ND
Chloromethane	NS	NS	NS	NS	NS	NS	NS	ND
cis-1,2-Dichloroethene	0.25	59	100	500	1000	NS	0.25	ND
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	ND
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	0.0012
Dichlorobromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS	ND
Ethylbenzene	1	30	41	390	780	NS	1	0.0027
Ethylene Dibromide	NS	NS	NS	NS	NS	NS	NS	ND
Isopropylbenzene	NS	NS	NS	NS	NS	NS	NS	0.00036 J
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	ND
Methyl tert-butyl ether	0.93	62	100	500	1000	NS	0.93	ND
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	ND
Methylene Chloride	0.05	51	100	500	1000	12	0.05	ND
m-Xylene & p-Xylene	NS	NS	NS	NS	NS	NS	NS	0.00066 J
o-Xylene	NS	NS	NS	NS	NS	NS	NS	ND
Styrene	NS	NS	NS	NS	NS	NS	NS	ND
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3	ND
Toluene	0.7	100	100	500	1000	36	0.7	ND
trans-1,2-Dichloroethene	0.19	100	100	500	1000	NS	0.19	ND
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	ND
Trichloroethene	0.47	10	21	200	400	2	0.47	ND
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS	ND
Vinyl chloride	0.02	0.21	0.9	13	27	NS	0.02	ND
Total Conc	NS	NS	NS	NS	NS	NS	NS	0.13092
Total Estimated Conc. (TICs)	NS	NS	NS	NS	NS	NS	NS	

Table 1

47 Broadway, Lynbrook, New York

Drywell Sediment Analytical Results Summary

Field Sample ID	NYDEC 375-6 Soil Cleanup Obj UnRestricted Use	NYDEC 375-6 Soil Cleanup Obj Restricted Use Residential	NYDEC 375-6 Soil Cleanup Obj Restricted Use Restricted Resid	NYDEC 375-6 Soil Cleanup Obj Restricted Use Commercial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Industrial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of EC	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of GW	DRYWELL
Lab Sample ID								460-224910-11
Sampling Date								12/15/2020
Matrix								Sediment
Units								mg/kg
								Result
VOCs								
1,1,1-Trichloroethane	0.68	100	100	500	1000	NS	0.68	ND
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1-Dichloroethane	0.27	19	26	240	480	NS	0.27	ND
SVOCs								
1,1'-Biphenyl	NS	NS	NS	NS	NS	NS	NS	0.068 J
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND
2,2'-oxybis[1-chloropropane]	NS	NS	NS	NS	NS	NS	NS	ND
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	NS	NS	ND
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	ND
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	ND
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS	ND
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS	0.023 J
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS	ND
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	ND
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	ND
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS	ND
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS	ND
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS	0.22 J
2-Methylphenol	0.33	100	100	500	1000	NS	0.33	0.021 J
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	ND
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	ND
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS	ND
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	ND
4,6-Dinitro-2-methylphenol	NS	NS	NS	NS	NS	NS	NS	ND
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	ND
4-Chloro-3-methylphenol	NS	NS	NS	NS	NS	NS	NS	ND
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS	ND
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	ND
4-Methylphenol	0.33	34	100	500	1000	NS	0.33	0.078 J
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	ND
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	ND
Acenaphthene	20	100	100	500	1000	20	98	0.058 J
Acenaphthylene	100	100	100	500	1000	NS	107	0.11 J
Acetophenone	NS	NS	NS	NS	NS	NS	NS	0.17 J
Anthracene	100	100	100	500	1000	NS	1000	0.18 J
Atrazine	NS	NS	NS	NS	NS	NS	NS	ND
Benzaldehyde	NS	NS	NS	NS	NS	NS	NS	0.25 J
Benzo[a]anthracene	1	1	1	5.6	11	NS	1	0.54
Benzo[a]pyrene	1	1	1	1	1.1	2.6	22	0.69
Benzo[b]fluoranthene	1	1	1	5.6	11	NS	1.7	1.1
Benzo[g,h,i]perylene	100	100	100	500	1000	NS	1000	0.41 J
Benzo[k]fluoranthene	0.8	1	3.9	56	110	NS	1.7	0.36
Bis(2-chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS	ND
Bis(2-chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS	ND
Bis(2-ethylhexyl) phthalate	NS	NS	NS	NS	NS	NS	NS	1.6
Butyl benzyl phthalate	NS	NS	NS	NS	NS	NS	NS	0.025 J
Caprolactam	NS	NS	NS	NS	NS	NS	NS	ND
Carbazole	NS	NS	NS	NS	NS	NS	NS	0.086 J
Chrysene	1	1	3.9	56	110	NS	1	0.68
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	NS	1000	0.10
Dibenzofuran	7	14	59	350	1000	NS	210	0.050 J
Diethyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND
Di-n-butyl phthalate	NS	NS	NS	NS	NS	NS	NS	0.079 J
Di-n-octyl phthalate	NS	NS	NS	NS	NS	NS	NS	ND
Fluoranthene	100	100	100	500	1000	NS	1000	1.4
Fluorene	30	100	100	500	1000	30	386	0.067 J
Hexachlorobenzene	0.33	0.33	1.2	6	12	NS	3.2	ND
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS	ND
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS	ND
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	NS	8.2	0.45
Isophorone	NS	NS	NS	NS	NS	NS	NS	ND
Naphthalene	12	100	100	500	1000	NS	12	0.29 J
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS	ND
N-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS	ND
N-Nitrosodiphenylamine	NS	NS	NS	NS	NS	NS	NS	ND
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.8	ND
Phenanthrene	100	100	100	500	1000	NS	1000	0.71
Phenol	0.33	100	100	500	1000	30	0.33	2.8
Pyrene	100	100	100	500	1000	NS	1000	1.2
Total Conc	NS	NS	NS	NS	NS	NS	NS	13.815
Total Estimated Conc. (TICs)	NS	NS	NS	NS	NS	NS	NS	116.5
Metals								
Arsenic	13	16	16	16	16	13	16	2.5
Barium	350	350	400	400	10000	433	820	80.3
Cadmium	2.5	2.5	4.3	9.3	60	4	7.5	1.3
Chromium	NS	NS	NS	NS	NS	NS	NS	12.4
Lead	63	400	400	1000	3900	63	450	824
Selenium	3.9	36	180	1500	6800	3.9	4	ND
Silver	2	36	180	1500	6800	2	8.3	0.37 J
Mercury	0.18	0.81	0.81	2.8	5.7	0.18	0.73	0.096

Notes:

ND: Not Detected

NS: No Standard

J : Estimated Value

Highlighted Concentrations exceed a standard

Table 2

47 Broadway, Lynbrook, New York

Drywell-2 Sediment Analytical Results Summary

Field Sample ID	NYDEC 375-6 Soil Cleanup Obj UnRestricted Use	NYDEC 375-6 Soil Cleanup Obj Restricted Use Residential	NYDEC 375-6 Soil Cleanup Obj Restricted Use Restricted Resid	NYDEC 375-6 Soil Cleanup Obj Restricted Use Commercial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Industrial	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of EC	NYDEC 375-6 Soil Cleanup Obj Restricted Use Protection of GW	**Drywell-2**
Lab Sample ID								460-257873-1
Sampling Date								5/9/2022
Matrix								Sediment
Unit								mg/kg
								Result
VOCs								
1,1,1-Trichloroethane	0.68	100	100	500	1000	NS	0.68	ND
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS	ND
1,1-Dichloroethane	0.27	19	26	240	480	NS	0.27	ND
1,1-Dichloroethene	0.33	100	100	500	1000	NS	0.33	ND
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	ND
1,2,4-Trimethylbenzene	3.6	47	52	190	380	NS	3.6	ND
1,2-Dibromo-3-Chloropropane	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dichlorobenzene	1.1	100	100	500	1000	NS	1.1	ND
1,2-Dichloroethane	NS	2.3	3.1	30	60	10	0.02	ND
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	ND
1,3,5-Trimethylbenzene	8.4	47	52	190	380	NS	8.4	ND
1,3-Dichlorobenzene	2.4	17	49	280	560	NS	2.4	ND
1,4-Dichlorobenzene	1.8	9.8	13	130	250	20	1.8	ND
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.1	**ND**
2-Butanone (MEK)	0.12	100	100	500	1000	100	0.12	ND
2-Hexanone	NS	NS	NS	NS	NS	NS	NS	ND
4-Methyl-2-pentanone (MIBK)	NS	NS	NS	NS	NS	NS	NS	ND
Acetone	0.05	100	100	500	1000	2.2	0.05	ND
Benzene	0.06	2.9	4.8	44	89	70	0.06	ND
Bromoform	NS	NS	NS	NS	NS	NS	NS	ND
Bromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Carbon disulfide	NS	NS	NS	NS	NS	NS	NS	ND
Carbon tetrachloride	0.76	1.4	2.4	22	44	NS	0.76	ND
Chlorobenzene	1.1	100	100	500	1000	40	1.1	ND
Chlorobromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Chlorodibromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Chloroethane	NS	NS	NS	NS	NS	NS	NS	ND
Chloroform	0.37	10	49	350	700	12	0.37	ND
Chloromethane	NS	NS	NS	NS	NS	NS	NS	ND
cis-1,2-Dichloroethene	0.25	59	100	500	1000	NS	0.25	ND
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	ND
Cyclohexane	NS	NS	NS	NS	NS	NS	NS	ND
Dichlorobromomethane	NS	NS	NS	NS	NS	NS	NS	ND
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS	ND
Ethylbenzene	1	30	41	390	780	NS	1	ND
Ethylene Dibromide	NS	NS	NS	NS	NS	NS	NS	ND
Isopropylbenzene	NS	NS	NS	NS	NS	NS	NS	ND
Methyl acetate	NS	NS	NS	NS	NS	NS	NS	ND
Methyl tert-butyl ether	0.93	62	100	500	1000	NS	0.93	ND
Methylcyclohexane	NS	NS	NS	NS	NS	NS	NS	ND
Methylene Chloride	0.05	51	100	500	1000	12	0.05	ND
n-Butylbenzene	12	100	100	500	1000	NS	12	ND
N-Propylbenzene	3.9	100	100	500	1000	NS	3.9	ND
sec-Butylbenzene	11	100	100	500	1000	NS	11	ND
Styrene	NS	NS	NS	NS	NS	NS	NS	ND
tert-Butylbenzene	5.9	100	100	500	1000	NS	5.9	ND
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3	ND
Toluene	0.7	100	100	500	1000	36	0.7	ND
trans-1,2-Dichloroethene	0.19	100	100	500	1000	NS	0.19	ND
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	ND
Trichloroethene	0.47	10	21	200	400	2	0.47	ND
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS	ND
Vinyl chloride	0.02	0.21	0.9	13	27	NS	0.02	ND
Xylenes, Total	0.26	100	100	500	1000	0.26	1.6	ND
Total Conc	NS	NS	NS	NS	NS	NS	NS	0
Total Estimated Conc. (TICs)	NS	NS	NS	NS	NS	NS	NS	0
SVOCs								
Acenaphthene	20	100	100	500	1000	20	98	ND
Acenaphthylene	100	100	100	500	1000	NS	107	ND
Anthracene	100	100	100	500	1000	NS	1000	ND
Benzo[a]anthracene	1	1	1	5.6	11	NS	1	0.037
Benzo[a]pyrene	1	1	1	1	1.1	2.6	22	0.033 J
Benzo[b]fluoranthene	1	1	1	5.6	11	NS	1.7	0.049
Benzo[g,h,i]perylene	100	100	100	500	1000	NS	1000	0.029 J
Benzo[k]fluoranthene	0.8	1	3.9	56	110	NS	1.7	0.020 J
Chrysene	1	1	3.9	56	110	NS	1	0.037 J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	NS	1000	ND
Fluoranthene	100	100	100	500	1000	NS	1000	0.052 J
Fluorene	30	100	100	500	1000	30	386	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	NS	8.2	0.032 J
Naphthalene	12	100	100	500	1000	NS	12	ND
Phenanthrene	100	100	100	500	1000	NS	1000	0.028 J
Pyrene	100	100	100	500	1000	NS	1000	0.057 J
Total Conc	NS	NS	NS	NS	NS	NS	NS	0.374
Total Estimated Conc. (TICs)	NS	NS	NS	NS	NS	NS	NS	1100.0
TPH								
GRO	NS	NS	NS	NS	NS	NS	NS	ND
DRO (C10-C44)	NS	NS	NS	NS	NS	NS	NS	39
Metals								
Arsenic	13	16	16	16	16	13	16	5.0
Barium	350	350	400	400	10000	433	820	36.0
Cadmium	2.5	2.5	4.3	9.3	60	4	7.5	0.76 J
Chromium	NS	NS	NS	NS	NS	NS	NS	7.7
Lead	63	400	400	1000	3900	63	450	68.8
Mercury	0.18	0.81	0.81	2.8	5.7	0.18	0.73	0.023
Selenium	3.9	36	180	1500	6800	3.9	4	0.21 J
Silver	2	36	180	1500	6800	2	8.3	ND

Notes:
NS: No Standard
ND: RL Exceeds Standard
J : Estimated Value
Highlighted Concentrations exceed a standard

Table 3

47 Broadway, Lynbrook, New York

Septic-1 Analytical Results Summary

Field Sample ID	NY 703.6 Table 3 GW Discharge to Class GA Waters	**Septic-1**
Lab Sample ID		460-258093-1
Sampling Date		5/12/2022
Matrix		Water
Unit		ug/l
		Result
VOCs		
1,1,1-Trichloroethane	NS	ND
1,1,2,2-Tetrachloroethane	NS	ND
1,1,2-Trichloroethane	1	ND
1,1-Dichloroethane	NS	ND
1,1-Dichloroethene	NS	ND
1,2-Dichloroethane	0.6	**ND**
1,2-Dichloropropane	1	ND
2-Butanone	NS	ND
2-Hexanone	NS	ND
4-Methyl-2-pentanone	NS	ND
Acetone	NS	ND
Benzene	1	ND
Bromodichloromethane	NS	ND
Bromoform	NS	ND
Bromomethane	NS	ND
Carbon disulfide	120	0.50 J
Carbon tetrachloride	5	ND
Chlorobenzene	NS	2.0
Chloroform	7	ND
Chloromethane	NS	ND
cis-1,2-Dichloroethene	NS	ND
cis-1,3-Dichloropropene	NS	ND
Dibromochloromethane	NS	ND
Ethyl Chloride	NS	ND
Ethylbenzene	NS	0.34 J
Methylene Chloride	5	ND
Styrene	5	ND
Tetrachloroethene	NS	0.68 J
Toluene	NS	ND
trans-1,2-Dichloroethene	NS	ND
trans-1,3-Dichloropropene	NS	ND
Trichloroethene	5	ND
Vinyl chloride	2	ND
Xylenes, Total	NS	3.9
Total Conc	NS	7.42

Table 3

47 Broadway, Lynbrook, New York

Septic-1 Analytical Results Summary

Field Sample ID	NY 703.6 Table 3 GW Discharge to Class GA Waters	**Septic-1**
Lab Sample ID		460-258093-1
Sampling Date		5/12/2022
Matrix		Water
Unit		ug/l
		Result
SVOCs		
1,2,4-Trichlorobenzene	NS	ND
1,2-Dichlorobenzene	3	ND
1,3-Dichlorobenzene	3	ND
1,4-Dichlorobenzene	3	67
2,2'-oxybis[1-chloropropane]	NS	ND
2,4,5-Trichlorophenol	NS	ND
2,4,6-Trichlorophenol	NS	ND
2,4-Dichlorophenol	1	**ND**
2,4-Dimethylphenol	NS	ND
2,4-Dinitrophenol	1	**ND**
2,4-Dinitrotoluene	NS	ND
2,6-Dinitrotoluene	NS	ND
2-Chloronaphthalene	NS	ND
2-Chlorophenol	NS	ND
2-Methylnaphthalene	NS	ND
2-Methylphenol	NS	ND
2-Nitroaniline	NS	ND
2-Nitrophenol	NS	ND
3,3'-Dichlorobenzidine	NS	ND
3-Nitroaniline	NS	ND
4,6-Dinitro-2-methylphenol	NS	ND
4-Bromophenyl phenyl ether	NS	ND
4-Chloro-3-methylphenol	NS	ND
4-Chloroaniline	NS	ND
4-Chlorophenyl phenyl ether	NS	ND
4-Methylphenol	NS	ND
4-Nitroaniline	NS	ND
4-Nitrophenol	NS	ND
Acenaphthene	NS	ND
Acenaphthylene	NS	ND
Anthracene	NS	ND
Benzo[a]anthracene	NS	0.62 J
Benzo[a]pyrene	NS	ND
Benzo[b]fluoranthene	NS	ND
Benzo[g,h,i]perylene	NS	ND
Benzo[k]fluoranthene	NS	ND
Bis(2-chloroethoxy)methane	NS	ND
Bis(2-chloroethyl)ether	1	ND
Bis(2-ethylhexyl) phthalate	5	ND
Butyl benzyl phthalate	NS	ND
Carbazole	NS	ND
Chrysene	NS	ND
Dibenz(a,h)anthracene	NS	ND
Dibenzofuran	NS	ND
Diethyl phthalate	NS	ND
Dimethyl phthalate	NS	ND
Di-n-butyl phthalate	50	ND
Di-n-octyl phthalate	NS	ND
Fluoranthene	NS	ND
Fluorene	NS	ND
Hexachlorobenzene	0.04	**ND**
Hexachlorobutadiene	0.5	ND
Hexachlorocyclopentadiene	NS	ND
Hexachloroethane	NS	ND
Indeno[1,2,3-cd]pyrene	NS	ND
Isophorone	NS	ND
Naphthalene	NS	1.8 J
Nitrobenzene	0.4	**ND**
N-Nitrosodi-n-propylamine	NS	ND
N-Nitrosodiphenylamine	NS	ND
Pentachlorophenol	1	**ND**
Phenanthrene	NS	ND
Phenol	1	**ND**
Pyrene	NS	ND
Total Conc	NS	69.42
Metals		
Arsenic	50	1.6 J
Barium	2000	195
Cadmium	5	8.5
Chromium	NS	11.0
Lead	25	525
Selenium	20	ND
Silver	100	ND
Mercury	1.4	0.39
9040C Method		
Corrosivity (su)	NS	7.1
pH (su)	NS	7.1
Temperature (degrees c)	NS	20.6

Notes:

ND: Not Detected

ND: RL Exceeds Standard

NS: No Standard

J : Estimated Value

Highlighted Concentrations exceed a standard

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

June 21, 2022

Regular Mail / E-Mail

43-47 Broadway Realty, LLC
500 Old Country Road, Suite 200
Garden City, NY 11530

Re: Underground Injection Control Closure Plan
Commercial Property
47 Broadway
Lynbrook, NY 11563

Dear Property Owner:

Nassau County Department of Health (NCDH) has received and reviewed the subject plan submitted by JM Sorge Environmental Consultants (JM Sorge) to remediate, sample and close one (1) on-site septic tank (Septic-1) and two (2) on-site leaching structures (Drywell and Drywell-2). The analytical results of the initial sampling conducted on 12/15/20, 5/9/22 and 5/12/22 indicate that regulated substances have been discharged into the primary leaching pool (designated as Drywell) and are present at concentrations above applicable soil clean-up objectives used by this Department and the US Environmental Protection Agency (EPA) as follows:

Location	Chemical/Compound	Level Detected	Clean-up Objective (1)
Drywell			
	Acetone	0.093 ppm	0.05 ppm
	Phenol	2.8 ppm	0.33 ppm
	Lead	824 ppm	450 ppm

(1) Clean-up objectives derived from NYSDEC Part 375-6.8(b) "Protection of Groundwater" and NYSDEC CP-51 Table 1.

Based on the above, the owner must, in accordance with Nassau County Public Health requirements, conduct a remedial action to reclaim, recover and properly dispose of the discharged regulated materials and all other substances which have subsequently been contaminated. The required remedial action must be implemented within 60 days of receipt of this letter in accordance with the attached closure procedures and all other applicable codes, rules and regulations of the agencies having jurisdiction thereof. After completion of the remediation, an end point sample must be collected and analyzed to determine the effectiveness of the remediation (see Section 5 of Procedures).

Confirmatory endpoint samples must be collected from the remediated structure in the system (Drywell) and analyzed for Volatile Organic Compounds via EPA Method 8260, Semi-Volatile Organic Compounds via EPA Method 8270 and 8 RCRA Metals via EPA Method 6010. The initial analytical results of Drywell-2 indicate that there are no exceedances of applicable soil cleanup objectives, and therefore does not require remediation.

Based on the analytical results of the Septic Tank (Septic-1) contents, this structure must also be pumped and/or remediated and perforated prior to backfilling according to the plan.

You must notify this office at least 5 days prior to any field work related to this matter. Please contact me at (516) 227-9428 if you have any questions.

Regards,



Wayne Kempski
Public Health Sanitarian I
Bureau of Environmental Engineering and
Water Supply

WK

Cc:

JM Sorge, Inc.- Jonathan Wood

Action Remediation, Inc.- Ralph Pantony III

NCDH - William Provoncha, Director

BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

NASSAU COUNTY DEPARTMENT OF HEALTH

43-47 Broadway Realty, LLC
500 Old Country Road
Garden City, New York 11530

August 29, 2022

Re: On-site Sanitary System Abandonment
47 Broadway
Lynbrook, NY 11563

Dear Property Owner:

This Department has reviewed the post remediation analytical report dated August 16, 2022, submitted by JM Sorge and the Non-Hazardous Waste manifests submitted by Action Trucking, Inc. dated August 5, 2022 for the former cesspool associated with the septic tank at the subject address. The additional drywell that was to be remediated as outlined in the June 7, 2022 Underground Injection Control Closure Plan by JM Sorge was evidently covered over during the razing of the site.

Based on our review and Department observations, we hereby provide notice that the on-site sanitary system that previously served the central building on the subject property has been properly remediated and closed in accordance with Nassau County Health Department requirements.

No additional investigative or abandonment work is required for the former on-site sanitary system at the referenced location at this time by this Department. The Health Department file for this work is now closed.

Thank you for your cooperation in this important Nassau County groundwater protection program. Please do not hesitate to contact me at (516) 227-9428 if you have any questions.

Regards,

Wayne Kempski
Public Health Sanitarian I
Bureau of Environmental Engineering and
Water Supply

WK:
Cc: Peter Sorge, Jonathan Wood – JM Sorge, Inc.
Ralph Pantony III, Action Remediation, Inc.