284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

METALS
GC SEMI-VOLATILES
VOLATILE ORGANICS

PROJECT NAME : CAPRA

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2503

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2503

Project ID : Capra

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2503-01	GCAP2W
Q2503-02	GCAP3W
Q2503-03	GCAP2
Q2503-04	GCAP3
Q2503-05	GCAP2A

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:38 am, Jul 18, 2025

Date: 7/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2503
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 07/03/2025.
2 Water samples were received on 07/03/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.

The Blank Spike for {VX0715MBS01} with File ID: VX047007.D met requirements for all samples except for 2-Butanone[140%], 2-Hexanone[145%], 4-Methyl-2-Pentanone[139%] and Methyl Acetate[155%] are failing high but no positive hit in associate sample therefore no corrective action taken.
The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82W063025S.M) for Methylene Chloride passing on Quadratic Regression.

The Continuous Calibration File ID VX046988.D met the requirements except for 1,2-Dibromo-3-Chloropropane,2-Butanone,2-Hexanone,4-Methyl-2-Pentanone,Methyl

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Acetate and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

Samples GCAP2, GCAP3 were diluted due to high concentrations.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The Sample # GCAP2ME have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:41 am, Jul 18, 2025

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2503
Test Name: EPH_NF

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/03/2025.
2 Water samples were received on 07/03/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH_NF, Mercury, Metals ICP-TAL, VOC-PP, VOC-PP VOA + 15, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for EPH_NF.

C. Analytical Techniques:
The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of EPH_NFs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.

The MS {Q2515-01MS} with File ID: FG016232.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10) -153%],[n-Octatriacontane (C38) -151%],[n-Tetracontane (C40) -144%] due to matrix interference.

The MSD {Q2515-01MSD} with File ID: FG016233.D recoveries met the requirements for all compoundsexcept for Aliphatic [n-Decane (C10) -152%],[n-Octatriacontane (C38) -145%],[n-Tetracontane (C40) -148%] due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:41 am, Jul 18, 2025

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2503
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/03/2025.
2 Water samples were received on 07/03/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: EPH_NF, Mercury, Metals ICP-TAL, VOC-PP, VOC-PP VOA + 15, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils) and 3010 (waters).The analysis and digestion of Mercury was based on method 7470A. The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample GCAP2W was diluted due to high concentrations for Mercury & Sample GCAP2A was diluted due to high concentrations for Mercury.
The Blank Spike met requirements for all compounds.
The Duplicate (WC-1DUP) analysis met criteria for all compounds except for Lead due to sample matrix interference. The Duplicate (WC-1MSD) analysis met criteria for all compounds except for Manganese and Vanadium due to Chemical Interference during Digestion Process.
The Matrix Spike (AUD-25-0110-0111MS) analysis met criteria for all compounds except for Mercury due to sample matrix interference. The Matrix Spike (WATER TREATMENT DISCHARGEMS) analysis met criteria for all compounds except for Manganese due to Chemical Interference during Digestion Process. The Matrix Spike (WC-1MS) analysis met criteria for all compounds except for Antimony, Beryllium, Cobalt, Copper, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (AUD-25-0110-0111MSD) analysis met criteria for all compounds except for Mercury due to sample matrix interference. The Matrix Spike Duplicate (WATER TREATMENT DISCHARGEMSD) analysis met criteria for all compounds except for Manganese due to Chemical Interference during Digestion Process. The Matrix Spike Duplicate (WC-1MSD) analysis met criteria for all

compounds except for Antimony, Cobalt, Copper, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (WC-1L) met criteria for all compounds except for Iron, Magnesium and Manganese due to sample matrix interference.

E. Additional Comments:
The Post Digest Spike (WC-1A) analysis met criteria for all compounds except for Antimony, Copper, Selenium, Silver, Sodium and Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

In analytical sequence LB136407, The Results was outside of acceptance limit for Aluminum of CCB03 but no any sample associated under this CCB.
In analytical sequence LB136407, The Results was outside of acceptance limit for Silver of CCB04 and CCB05 but no any sample associated under these CCBs.
In analytical sequence LB136434, The Results was outside of acceptance limit for Silver of CCB08 but no any sample associated under this CCB.

Sample Q2503-01 Water analyzed straight 5X Dilution because highly contaminated matrix and to avoid damage to instrument.

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Signature___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:43 am, Jul 18, 2025

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2503

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 07/18/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GCAP2W**								
Q2503-01	GCAP2W	Water	Chloromethane		2.50	J	0.32	5.00	ug/L
Q2503-01	GCAP2W	Water	Cyclohexane		1.90	J	1.50	5.00	ug/L
Q2503-01	GCAP2W	Water	Methylcyclohexane		2.00	J	0.16	5.00	ug/L
Q2503-01	GCAP2W	Water	Toluene		0.48	J	0.14	5.00	ug/L
			Total Voc :		6.88				
			Total Concentration:		6.88				
Client ID:	**GCAP3W**								
Q2503-02	GCAP3W	Water	Chloromethane		0.50	J	0.32	5.00	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane		14.1		1.50	5.00	ug/L
Q2503-02	GCAP3W	Water	Methylcyclohexane		48.9		0.16	5.00	ug/L
Q2503-02	GCAP3W	Water	Toluene		0.38	J	0.14	5.00	ug/L
Q2503-02	GCAP3W	Water	Isopropylbenzene		0.74	J	0.12	5.00	ug/L
			Total Voc :		64.6				
Q2503-02	GCAP3W	Water	Butane, 2,3-dimethyl-	*	8.10	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Pentane, 3-methyl-	*	25.4	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, methyl-	*	45.1	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Pentane, 2-methyl-	*	29.4	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane, 1,2-dimethyl- (ci	*	9.00	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Hexane, 3-methyl-	*	33.9	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Isopropylcyclobutane	*	26.0	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, ethyl-	*	9.00	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane, ethyl-	*	6.50	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	6.40	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,3-dimethyl-, tr	*	40.0	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane, 1,3-dimethyl-, tra	*	6.20	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,3-dimethyl-	*	20.7	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,2,3-trimethyl-,	*	10.6	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,2,4-trimethyl-,	*	6.20	J	0	0	ug/L
Q2503-02	GCAP3W	Water	n-propylbenzene	*	2.00	J	0.13	5.00	ug/L
Q2503-02	GCAP3W	Water	sec-Butylbenzene	*	0.61	J	0.13	5.00	ug/L
Q2503-02	GCAP3W	Water	n-Butylbenzene	*	0.95	J	0.15	5.00	ug/L
			Total Tics :		286				
			Total Concentration:		351				
Client ID:	**GCAP2**								
Q2503-03	GCAP2	SOIL	Acetone		360		6.90	36.3	ug/Kg
Q2503-03	GCAP2	SOIL	Carbon Disulfide		3.20	J	1.50	7.30	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2503-03	GCAP2	SOIL	Cyclohexane		600	E	1.10	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	2-Butanone		120		9.50	36.3	ug/Kg
Q2503-03	GCAP2	SOIL	Methylcyclohexane		990	E	1.30	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	Toluene		5.30	J	1.10	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	Ethyl Benzene		2.00	J	0.97	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	m/p-Xylenes		29.7		1.80	14.5	ug/Kg
Q2503-03	GCAP2	SOIL	o-Xylene		6.40	J	1.20	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	Isopropylbenzene		36.1		1.10	7.30	ug/Kg
			Total Voc :		2150				
Q2503-03	GCAP2	SOIL	Benzene, 1,2,4,5-tetramethyl-	*	180	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, methyl-	*	110	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,2-dimethyl- (ci	*	150	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Benzene, 1-ethyl-2-methyl-	*	63.0	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,2-dimethyl-, tr	*	270	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, ethyl-	*	89.1	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,4-dimethyl-, tra	*	110	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,3-dimethyl-	*	230	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,3-dimethyl-, ci	*	290	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	87.8	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	1H-Indene, 2,3-dihydro-1,3-din	*	89.6	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	120	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,2,3-trimethyl-,	*	130	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,2,4-trimethyl-,	*	77.2	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Benzene, (1-methyl-1-butenyl)-	*	69.9	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	n-propylbenzene	*	54.7	J	1.10	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	1,3,5-Trimethylbenzene	*	23.6	J	1.20	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	1,2,4-Trimethylbenzene	*	53.0	J	0.93	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	sec-Butylbenzene	*	7.80	J	0.96	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	p-Isopropyltoluene	*	6.30	J	0.90	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	n-Butylbenzene	*	4.80	J	2.10	7.30	ug/Kg
			Total Tics :		2220				
			Total Concentration:		4370				
Client ID:	**GCAP2ME**								
Q2503-03ME	GCAP2ME	SOIL	Cyclohexane		550	D	37.2	240	ug/Kg
Q2503-03ME	GCAP2ME	SOIL	Methylcyclohexane		1200	D	42.8	240	ug/Kg
Q2503-03ME	GCAP2ME	SOIL	m/p-Xylenes		83.4	JD	58.4	470	ug/Kg
Q2503-03ME	GCAP2ME	SOIL	Isopropylbenzene		76.2	JD	36.7	240	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Voc :		1910				
			Total Concentration:		1910				
Client ID:	**GCAP3**								
Q2503-04	GCAP3	SOIL	Acetone		320		7.10	37.7	ug/Kg
Q2503-04	GCAP3	SOIL	Carbon Disulfide		7.00	J	1.60	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane		1100	E	1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	2-Butanone		110		9.90	37.7	ug/Kg
Q2503-04	GCAP3	SOIL	Methylcyclohexane		2400	E	1.40	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Toluene		12.9		1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Ethyl Benzene		18.7		1.00	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	m/p-Xylenes		200		1.90	15.1	ug/Kg
Q2503-04	GCAP3	SOIL	o-Xylene		36.0		1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Isopropylbenzene		88.4		1.20	7.50	ug/Kg
			Total Voc :		4290				
Q2503-04	GCAP3	SOIL	Pentane, 3-methyl-	*	43.4	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, methyl-	*	96.5	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Indane	*	43.0	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, 1,2-dimethyl- (ci	*	170	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexene, 1-methyl-	*	50.5	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,2-dimethyl-, tr	*	350	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclobutane, (1-methylethylide	*	110	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, ethyl-	*	120	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, ethyl-	*	59.7	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,3-dimethyl-, tr	*	270	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, 1,2-dimethyl-, cis	*	58.3	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,3-dimethyl-	*	300	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	120	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,2,3-trimethyl-,	*	61.6	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	1,4-Hexadiene, 2,3-dimethyl-	*	160	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	n-propylbenzene	*	140	J	1.10	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	1,3,5-Trimethylbenzene	*	180	J	1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	tert-Butylbenzene	*	2.90	J	1.00	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	1,2,4-Trimethylbenzene	*	500	J	0.96	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	sec-Butylbenzene	*	7.10	J	0.99	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	p-Isopropyltoluene	*	15.6	J	0.93	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	n-Butylbenzene	*	2.40	J	2.20	7.50	ug/Kg
			Total Tics :		2860				

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Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	7150				
Client ID:	**GCAP3ME**							
Q2503-04ME	GCAP3ME	SOIL	Acetone	570	JD	400	2100	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Cyclohexane	1500	D	67.1	420	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Methylcyclohexane	4000	D	77.2	420	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Toluene	190	JD	66.2	420	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	m/p-Xylenes	470	JD	110	850	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Isopropylbenzene	120	JD	66.2	420	ug/Kg
			Total Voc :	6850				
			Total Concentration:	6850				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2W	SDG No.:	Q2503
Lab Sample ID:	Q2503-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046886.D	1	07/03/25 14:37	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	2.50	J	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.90	J	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	2.00	J	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.48	J	0.14	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2W	SDG No.:	Q2503
Lab Sample ID:	Q2503-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046886.D	1	07/03/25 14:37	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.9		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.0		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	530000	5.562			
540-36-3	1,4-Difluorobenzene	893000	6.769			
3114-55-4	Chlorobenzene-d5	814000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	408000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2W	SDG No.:	Q2503
Lab Sample ID:	Q2503-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046886.D	1	07/03/25 14:37	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3W	SDG No.:	Q2503
Lab Sample ID:	Q2503-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046887.D	1	07/03/25 14:58	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.50	J	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	14.1		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	48.9		0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.38	J	0.14	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3W	SDG No.:	Q2503
Lab Sample ID:	Q2503-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046887.D	1	07/03/25 14:58	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.74	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	552000	5.562			
540-36-3	1,4-Difluorobenzene	911000	6.769			
3114-55-4	Chlorobenzene-d5	828000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	418000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3W	SDG No.:	Q2503
Lab Sample ID:	Q2503-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046887.D	1	07/03/25 14:58	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000079-29-8	Butane, 2,3-dimethyl-	8.10	J		2.80	ug/L
000107-83-5	Pentane, 2-methyl-	29.4	J		2.84	ug/L
000096-14-0	Pentane, 3-methyl-	25.4	J		3.12	ug/L
000096-37-7	Cyclopentane, methyl-	45.1	J		4.32	ug/L
000589-34-4	Hexane, 3-methyl-	33.9	J		5.84	ug/L
001759-58-6	Cyclopentane, 1,3-dimethyl-, trans	40.0	J		6.17	ug/L
002453-00-1	Cyclopentane, 1,3-dimethyl-	20.7	J		6.27	ug/L
000872-56-0	Isopropylcyclobutane	26.0	J		6.37	ug/L
001640-89-7	Cyclopentane, ethyl-	9.00	J		7.66	ug/L
016883-48-0	Cyclopentane, 1,2,4-trimethyl-, (1	6.20	J		7.78	ug/L
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	10.6	J		7.96	ug/L
000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	9.00	J		8.98	ug/L
002207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	6.20	J		9.10	ug/L
001678-91-7	Cyclohexane, ethyl-	6.50	J		9.56	ug/L
103-65-1	n-propylbenzene	2.00	J		11.3	ug/L
135-98-8	sec-Butylbenzene	0.61	J		11.9	ug/L
104-51-8	n-Butylbenzene	0.95	J		12.3	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	6.40	J		12.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2	SDG No.:	Q2503
Lab Sample ID:	Q2503-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031840.D	1	07/14/25 11:16	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	7.30	ug/Kg
74-87-3	Chloromethane	1.70	U	1.70	7.30	ug/Kg
75-01-4	Vinyl Chloride	1.10	U	1.10	7.30	ug/Kg
74-83-9	Bromomethane	1.60	U	1.60	7.30	ug/Kg
75-00-3	Chloroethane	1.80	U	1.80	7.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.80	U	1.80	7.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1.50	7.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	7.30	ug/Kg
67-64-1	Acetone	360		6.90	36.3	ug/Kg
75-15-0	Carbon Disulfide	3.20	J	1.50	7.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	7.30	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	7.30	ug/Kg
75-09-2	Methylene Chloride	5.10	U	5.10	14.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.30	U	1.30	7.30	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	7.30	ug/Kg
110-82-7	Cyclohexane	600	E	1.10	7.30	ug/Kg
78-93-3	2-Butanone	120		9.50	36.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.40	U	1.40	7.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.30	ug/Kg
74-97-5	Bromochloromethane	1.70	U	1.70	7.30	ug/Kg
67-66-3	Chloroform	1.20	U	1.20	7.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.40	U	1.40	7.30	ug/Kg
108-87-2	Methylcyclohexane	990	E	1.30	7.30	ug/Kg
71-43-2	Benzene	1.10	U	1.10	7.30	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	7.30	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.30	ug/Kg
78-87-5	1,2-Dichloropropane	1.30	U	1.30	7.30	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	7.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.20	U	5.20	36.3	ug/Kg
108-88-3	Toluene	5.30	J	1.10	7.30	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2	SDG No.:	Q2503
Lab Sample ID:	Q2503-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031840.D	1	07/14/25 11:16	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.95	U	0.95	7.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.90	U	0.90	7.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.30	U	1.30	7.30	ug/Kg
591-78-6	2-Hexanone	5.40	U	5.40	36.3	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	7.30	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	7.30	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	1.50	7.30	ug/Kg
108-90-7	Chlorobenzene	1.30	U	1.30	7.30	ug/Kg
100-41-4	Ethyl Benzene	2.00	J	0.97	7.30	ug/Kg
179601-23-1	m/p-Xylenes	29.7		1.80	14.5	ug/Kg
95-47-6	o-Xylene	6.40	J	1.20	7.30	ug/Kg
100-42-5	Styrene	1.00	U	1.00	7.30	ug/Kg
75-25-2	Bromoform	1.30	U	1.30	7.30	ug/Kg
98-82-8	Isopropylbenzene	36.1		1.10	7.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1.80	7.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	2.50	7.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.30	U	2.30	7.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	2.10	7.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	U	2.70	7.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.30	U	4.30	7.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.60	U	4.60	7.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.2		63 - 155	80%	SPK: 50
1868-53-7	Dibromofluoromethane	43.2		70 - 134	86%	SPK: 50
2037-26-5	Toluene-d8	48.0		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.0		17 - 146	76%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	7.959			
540-36-3	1,4-Difluorobenzene	390000	8.849			
3114-55-4	Chlorobenzene-d5	330000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2	SDG No.:	Q2503
Lab Sample ID:	Q2503-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031840.D	1	07/14/25 11:16	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000096-37-7	Cyclopentane, methyl-	110	J		7.00	ug/Kg
002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	290	J		8.45	ug/Kg
002453-00-1	Cyclopentane, 1,3-dimethyl-	230	J		8.51	ug/Kg
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	270	J		8.59	ug/Kg
001640-89-7	Cyclopentane, ethyl-	89.1	J		9.52	ug/Kg
016883-48-0	Cyclopentane, 1,2,4-trimethyl-, (1	77.2	J		9.61	ug/Kg
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	130	J		9.76	ug/Kg
000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	150	J		10.5	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	120	J		10.7	ug/Kg
002207-04-7	Cyclohexane, 1,4-dimethyl-, trans-	110	J		10.8	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	87.8	J		11.2	ug/Kg
103-65-1	n-propylbenzene	54.7	J		12.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	23.6	J		12.9	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	63.0	J		13.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	53.0	J		13.2	ug/Kg
135-98-8	sec-Butylbenzene	7.80	J		13.4	ug/Kg
99-87-6	p-Isopropyltoluene	6.30	J		13.5	ug/Kg
104-51-8	n-Butylbenzene	4.80	J		13.8	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	180	J		14.8	ug/Kg
053172-84-2	Benzene, (1-methyl-1-butenyl)-	69.9	J		15.1	ug/Kg
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethy	89.6	J		15.2	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-03ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	7.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047009.D	1	07/15/25 17:49	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	53.7	UD	53.7	240	ug/Kg
74-87-3	Chloromethane	53.7	UD	53.7	240	ug/Kg
75-01-4	Vinyl Chloride	37.2	UD	37.2	240	ug/Kg
74-83-9	Bromomethane	50.4	UD	50.4	240	ug/Kg
75-00-3	Chloroethane	59.3	UD	59.3	240	ug/Kg
75-69-4	Trichlorofluoromethane	57.0	UD	57.0	240	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	49.9	UD	49.9	240	ug/Kg
75-35-4	1,1-Dichloroethene	47.1	UD	47.1	240	ug/Kg
67-64-1	Acetone	220	UD	220	1200	ug/Kg
75-15-0	Carbon Disulfide	49.9	UD	49.9	240	ug/Kg
1634-04-4	Methyl tert-butyl Ether	34.4	UD	34.4	240	ug/Kg
79-20-9	Methyl Acetate	72.5	UDQ	72.5	240	ug/Kg
75-09-2	Methylene Chloride	170	UD	170	470	ug/Kg
156-60-5	trans-1,2-Dichloroethene	40.5	UD	40.5	240	ug/Kg
75-34-3	1,1-Dichloroethane	37.7	UD	37.7	240	ug/Kg
110-82-7	Cyclohexane	550	D	37.2	240	ug/Kg
78-93-3	2-Butanone	310	UDQ	310	1200	ug/Kg
56-23-5	Carbon Tetrachloride	45.7	UD	45.7	240	ug/Kg
156-59-2	cis-1,2-Dichloroethene	35.3	UD	35.3	240	ug/Kg
74-97-5	Bromochloromethane	54.1	UD	54.1	240	ug/Kg
67-66-3	Chloroform	39.5	UD	39.5	240	ug/Kg
71-55-6	1,1,1-Trichloroethane	43.8	UD	43.8	240	ug/Kg
108-87-2	Methylcyclohexane	1200	D	42.8	240	ug/Kg
71-43-2	Benzene	37.2	UD	37.2	240	ug/Kg
107-06-2	1,2-Dichloroethane	37.2	UD	37.2	240	ug/Kg
79-01-6	Trichloroethene	38.1	UD	38.1	240	ug/Kg
78-87-5	1,2-Dichloropropane	42.8	UD	42.8	240	ug/Kg
75-27-4	Bromodichloromethane	36.7	UD	36.7	240	ug/Kg
108-10-1	4-Methyl-2-Pentanone	170	UDQ	170	1200	ug/Kg
108-88-3	Toluene	36.7	UD	36.7	240	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-03ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	7.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047009.D	1	07/15/25 17:49	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	30.6	UD	30.6	240	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	29.2	UD	29.2	240	ug/Kg
79-00-5	1,1,2-Trichloroethane	43.3	UD	43.3	240	ug/Kg
591-78-6	2-Hexanone	170	UDQ	170	1200	ug/Kg
124-48-1	Dibromochloromethane	40.9	UD	40.9	240	ug/Kg
106-93-4	1,2-Dibromoethane	41.4	UD	41.4	240	ug/Kg
127-18-4	Tetrachloroethene	49.4	UD	49.4	240	ug/Kg
108-90-7	Chlorobenzene	42.8	UD	42.8	240	ug/Kg
100-41-4	Ethyl Benzene	31.5	UD	31.5	240	ug/Kg
179601-23-1	m/p-Xylenes	83.4	JD	58.4	470	ug/Kg
95-47-6	o-Xylene	38.6	UD	38.6	240	ug/Kg
100-42-5	Styrene	33.4	UD	33.4	240	ug/Kg
75-25-2	Bromoform	40.5	UD	40.5	240	ug/Kg
98-82-8	Isopropylbenzene	76.2	JD	36.7	240	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	57.0	UD	57.0	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	80.5	UD	80.5	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	73.4	UD	73.4	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	68.2	UD	68.2	240	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	86.6	UD	86.6	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	UD	140	240	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	150	UD	150	240	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.8		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	322000	5.556			
540-36-3	1,4-Difluorobenzene	539000	6.763			
3114-55-4	Chlorobenzene-d5	489000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	251000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-03ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	7.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047009.D	1	07/15/25 17:49	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3	SDG No.:	Q2503
Lab Sample ID:	Q2503-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031841.D	1	07/14/25 11:38	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	7.50	ug/Kg
74-87-3	Chloromethane	1.70	U	1.70	7.50	ug/Kg
75-01-4	Vinyl Chloride	1.20	U	1.20	7.50	ug/Kg
74-83-9	Bromomethane	1.60	U	1.60	7.50	ug/Kg
75-00-3	Chloroethane	1.90	U	1.90	7.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.80	U	1.80	7.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	U	1.60	7.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	7.50	ug/Kg
67-64-1	Acetone	320		7.10	37.7	ug/Kg
75-15-0	Carbon Disulfide	7.00	J	1.60	7.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	7.50	ug/Kg
79-20-9	Methyl Acetate	2.30	U	2.30	7.50	ug/Kg
75-09-2	Methylene Chloride	5.30	U	5.30	15.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.30	U	1.30	7.50	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	7.50	ug/Kg
110-82-7	Cyclohexane	1100	E	1.20	7.50	ug/Kg
78-93-3	2-Butanone	110		9.90	37.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	1.50	7.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.50	ug/Kg
74-97-5	Bromochloromethane	1.70	U	1.70	7.50	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	7.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.40	U	1.40	7.50	ug/Kg
108-87-2	Methylcyclohexane	2400	E	1.40	7.50	ug/Kg
71-43-2	Benzene	1.20	U	1.20	7.50	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	7.50	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.40	U	1.40	7.50	ug/Kg
75-27-4	Bromodichloromethane	1.20	U	1.20	7.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.40	U	5.40	37.7	ug/Kg
108-88-3	Toluene	12.9		1.20	7.50	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3	SDG No.:	Q2503
Lab Sample ID:	Q2503-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031841.D	1	07/14/25 11:38	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.98	U	0.98	7.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.93	U	0.93	7.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.40	U	1.40	7.50	ug/Kg
591-78-6	2-Hexanone	5.60	U	5.60	37.7	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	7.50	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	7.50	ug/Kg
127-18-4	Tetrachloroethene	1.60	U	1.60	7.50	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	7.50	ug/Kg
100-41-4	Ethyl Benzene	18.7		1.00	7.50	ug/Kg
179601-23-1	m/p-Xylenes	200		1.90	15.1	ug/Kg
95-47-6	o-Xylene	36.0		1.20	7.50	ug/Kg
100-42-5	Styrene	1.10	U	1.10	7.50	ug/Kg
75-25-2	Bromoform	1.30	U	1.30	7.50	ug/Kg
98-82-8	Isopropylbenzene	88.4		1.20	7.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1.80	7.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.60	U	2.60	7.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.30	U	2.30	7.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.20	U	2.20	7.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	2.80	7.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.50	U	4.50	7.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.80	U	4.80	7.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		63 - 155	88%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	51.4		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.9		17 - 146	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	7.965			
540-36-3	1,4-Difluorobenzene	378000	8.855			
3114-55-4	Chlorobenzene-d5	324000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	117000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3	SDG No.:	Q2503
Lab Sample ID:	Q2503-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031841.D	1	07/14/25 11:38	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000096-14-0	Pentane, 3-methyl-	43.4	J		5.48	ug/Kg
000096-37-7	Cyclopentane, methyl-	96.5	J		7.01	ug/Kg
002453-00-1	Cyclopentane, 1,3-dimethyl-	300	J		8.45	ug/Kg
001759-58-6	Cyclopentane, 1,3-dimethyl-, trans	270	J		8.52	ug/Kg
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	350	J		8.59	ug/Kg
001640-89-7	Cyclopentane, ethyl-	120	J		9.53	ug/Kg
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	61.6	J		9.76	ug/Kg
001528-22-9	Cyclobutane, (1-methylethylidene)-	110	J		9.86	ug/Kg
000591-49-1	Cyclohexene, 1-methyl-	50.5	J		10.2	ug/Kg
000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	170	J		10.5	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	120	J		10.7	ug/Kg
018669-52-8	1,4-Hexadiene, 2,3-dimethyl-	160	J		10.8	ug/Kg
002207-01-4	Cyclohexane, 1,2-dimethyl-, cis-	58.3	J		11.1	ug/Kg
001678-91-7	Cyclohexane, ethyl-	59.7	J		11.2	ug/Kg
103-65-1	n-propylbenzene	140	J		12.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	180	J		12.9	ug/Kg
98-06-6	tert-Butylbenzene	2.90	J		13.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	500	J		13.2	ug/Kg
135-98-8	sec-Butylbenzene	7.10	J		13.4	ug/Kg
99-87-6	p-Isopropyltoluene	15.6	J		13.5	ug/Kg
000496-11-7	Indane	43.0	J		13.8	ug/Kg
104-51-8	n-Butylbenzene	2.40	J		13.8	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	4.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047010.D	1	07/15/25 18:10	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	96.8	UD	96.8	420	ug/Kg
74-87-3	Chloromethane	96.8	UD	96.8	420	ug/Kg
75-01-4	Vinyl Chloride	67.1	UD	67.1	420	ug/Kg
74-83-9	Bromomethane	90.8	UD	90.8	420	ug/Kg
75-00-3	Chloroethane	110	UD	110	420	ug/Kg
75-69-4	Trichlorofluoromethane	100	UD	100	420	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	90.0	UD	90.0	420	ug/Kg
75-35-4	1,1-Dichloroethene	84.9	UD	84.9	420	ug/Kg
67-64-1	Acetone	570	JD	400	2100	ug/Kg
75-15-0	Carbon Disulfide	90.0	UD	90.0	420	ug/Kg
1634-04-4	Methyl tert-butyl Ether	62.0	UD	62.0	420	ug/Kg
79-20-9	Methyl Acetate	130	UDQ	130	420	ug/Kg
75-09-2	Methylene Chloride	300	UD	300	850	ug/Kg
156-60-5	trans-1,2-Dichloroethene	73.0	UD	73.0	420	ug/Kg
75-34-3	1,1-Dichloroethane	67.9	UD	67.9	420	ug/Kg
110-82-7	Cyclohexane	1500	D	67.1	420	ug/Kg
78-93-3	2-Butanone	560	UDQ	560	2100	ug/Kg
56-23-5	Carbon Tetrachloride	82.3	UD	82.3	420	ug/Kg
156-59-2	cis-1,2-Dichloroethene	63.7	UD	63.7	420	ug/Kg
74-97-5	Bromochloromethane	97.6	UD	97.6	420	ug/Kg
67-66-3	Chloroform	71.3	UD	71.3	420	ug/Kg
71-55-6	1,1,1-Trichloroethane	78.9	UD	78.9	420	ug/Kg
108-87-2	Methylcyclohexane	4000	D	77.2	420	ug/Kg
71-43-2	Benzene	67.1	UD	67.1	420	ug/Kg
107-06-2	1,2-Dichloroethane	67.1	UD	67.1	420	ug/Kg
79-01-6	Trichloroethene	68.8	UD	68.8	420	ug/Kg
78-87-5	1,2-Dichloropropane	77.2	UD	77.2	420	ug/Kg
75-27-4	Bromodichloromethane	66.2	UD	66.2	420	ug/Kg
108-10-1	4-Methyl-2-Pentanone	300	UDQ	300	2100	ug/Kg
108-88-3	Toluene	190	JD	66.2	420	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	4.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047010.D	1	07/15/25 18:10	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	55.2	UD	55.2	420	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	52.6	UD	52.6	420	ug/Kg
79-00-5	1,1,2-Trichloroethane	78.1	UD	78.1	420	ug/Kg
591-78-6	2-Hexanone	310	UDQ	310	2100	ug/Kg
124-48-1	Dibromochloromethane	73.8	UD	73.8	420	ug/Kg
106-93-4	1,2-Dibromoethane	74.7	UD	74.7	420	ug/Kg
127-18-4	Tetrachloroethene	89.1	UD	89.1	420	ug/Kg
108-90-7	Chlorobenzene	77.2	UD	77.2	420	ug/Kg
100-41-4	Ethyl Benzene	56.9	UD	56.9	420	ug/Kg
179601-23-1	m/p-Xylenes	470	JD	110	850	ug/Kg
95-47-6	o-Xylene	69.6	UD	69.6	420	ug/Kg
100-42-5	Styrene	60.3	UD	60.3	420	ug/Kg
75-25-2	Bromoform	73.0	UD	73.0	420	ug/Kg
98-82-8	Isopropylbenzene	120	JD	66.2	420	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	UD	100	420	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	UD	150	420	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	UD	130	420	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	UD	120	420	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	160	UD	160	420	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	250	UD	250	420	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	270	UD	270	420	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289000	5.556			
540-36-3	1,4-Difluorobenzene	485000	6.763			
3114-55-4	Chlorobenzene-d5	438000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	225000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	4.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047010.D	1	07/15/25 18:10	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SDG No.: Q2503

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2503-01	GCAP2W	1,2-Dichloroethane-d4	50	47.9	96		74	125
		Dibromofluoromethane	50	47.0	94		75	124
		Toluene-d8	50	49.9	100		86	113
		4-Bromofluorobenzene	50	50.1	100		77	121
Q2503-02	GCAP3W	1,2-Dichloroethane-d4	50	47.8	96		74	125
		Dibromofluoromethane	50	48.3	97		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	51.3	103		77	121
Q2503-03	GCAP2	1,2-Dichloroethane-d4	50	40.2	80		63	155
		Dibromofluoromethane	50	43.2	86		70	134
		Toluene-d8	50	48.0	96		74	123
		4-Bromofluorobenzene	50	38.0	76		17	146
Q2503-03ME	GCAP2ME	1,2-Dichloroethane-d4	50	52.7	105		63	155
		Dibromofluoromethane	50	48.6	97		70	134
		Toluene-d8	50	47.8	96		74	123
		4-Bromofluorobenzene	50	51.6	103		17	146
Q2503-04	GCAP3	1,2-Dichloroethane-d4	50	44.1	88		63	155
		Dibromofluoromethane	50	47.6	95		70	134
		Toluene-d8	50	51.5	103		74	123
		4-Bromofluorobenzene	50	39.9	80		17	146
Q2503-04ME	GCAP3ME	1,2-Dichloroethane-d4	50	52.4	105		63	155
		Dibromofluoromethane	50	48.1	96		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146
VW0714SBL01	VW0714SBL01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	47.1	94		70	134
		Toluene-d8	50	44.9	90		74	123
		4-Bromofluorobenzene	50	46.2	92		17	146
VW0714SBS01	VW0714SBS01	1,2-Dichloroethane-d4	50	53.8	108		63	155
		Dibromofluoromethane	50	49.6	99		70	134
		Toluene-d8	50	51.4	103		74	123
		4-Bromofluorobenzene	50	52.3	105		17	146
VW0714SBSD0	VW0714SBSD01	1,2-Dichloroethane-d4	50	55.2	110		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	54.1	108		17	146
VX0715MBL01	VX0715MBL01	1,2-Dichloroethane-d4	50	52.4	105		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	52.2	104		17	146
VX0715MBS01	VX0715MBS01	1,2-Dichloroethane-d4	50	53.9	108		63	155
		Dibromofluoromethane	50	50.2	100		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146

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Surrogate Summary

SDG No.: Q2503

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX0703WBL01	VX0703WBL01	1,2-Dichloroethane-d4	50	50.3	101		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	50.6	101		77	121
VX0703WBS01	VX0703WBS01	1,2-Dichloroethane-d4	50	49.9	100		74	125
		Dibromofluoromethane	50	49.1	98		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121
VX0703WBSD0	VX0703WBSD01	1,2-Dichloroethane-d4	50	51.3	103		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	51.1	102		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBS01	Dichlorodifluoromethane	20	18.8	ug/Kg	94			64	136	
	Chloromethane	20	19.6	ug/Kg	98			52	151	
	Vinyl chloride	20	20.6	ug/Kg	103			56	148	
	Bromomethane	20	20.2	ug/Kg	101			58	141	
	Chloroethane	20	20.2	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	16.8	ug/Kg	84			69	134	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/Kg	98			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	87.1	ug/Kg	87			40	171	
	Carbon disulfide	20	18.7	ug/Kg	94			59	130	
	Methyl tert-butyl Ether	20	22.8	ug/Kg	114			77	129	
	Methyl Acetate	20	18.6	ug/Kg	93			69	149	
	Methylene Chloride	20	24.0	ug/Kg	120			72	131	
	trans-1,2-Dichloroethene	20	21.7	ug/Kg	109			80	123	
	1,1-Dichloroethane	20	22.2	ug/Kg	111			82	123	
	Cyclohexane	20	19.7	ug/Kg	99			76	122	
	2-Butanone	100	96.3	ug/Kg	96			69	131	
	Carbon Tetrachloride	20	17.9	ug/Kg	90			76	129	
	cis-1,2-Dichloroethene	20	22.3	ug/Kg	112			82	123	
	Bromochloromethane	20	21.9	ug/Kg	110			80	127	
	Chloroform	20	22.7	ug/Kg	114			82	125	
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104			80	126	
	Methylcyclohexane	20	18.4	ug/Kg	92			77	123	
	Benzene	20	20.9	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	20.4	ug/Kg	102			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	21.4	ug/Kg	107			83	122	
	Bromodichloromethane	20	20.8	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	94.7	ug/Kg	95			70	135	
	Toluene	20	21.4	ug/Kg	107			83	122	
	t-1,3-Dichloropropene	20	20.4	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105			81	122	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			82	125	
	2-Hexanone	100	95.7	ug/Kg	96			66	138	
	Dibromochloromethane	20	20.0	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	19.5	ug/Kg	98			80	125	
	Tetrachloroethene	20	17.7	ug/Kg	89			83	125	
	Chlorobenzene	20	20.3	ug/Kg	102			84	122	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.6	ug/Kg	104			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	21.5	ug/Kg	108			82	124	
	Bromoform	20	18.3	ug/Kg	92			75	127	
	Isopropylbenzene	20	21.0	ug/Kg	105			82	124	
	1,1,2,2-Tetrachloroethane	20	20.8	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	21.6	ug/Kg	108			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBS01	1,2-Dibromo-3-Chloropropane	20	18.2	ug/Kg	91			66	134	
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	20.8	ug/Kg	104			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031839.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBSD01	Dichlorodifluoromethane	20	16.9	ug/Kg	85	10		64	136	20
	Chloromethane	20	19.7	ug/Kg	99	1		52	151	20
	Vinyl chloride	20	20.0	ug/Kg	100	3		56	148	20
	Bromomethane	20	20.4	ug/Kg	102	1		58	141	20
	Chloroethane	20	20.1	ug/Kg	101	0		69	130	20
	Trichlorofluoromethane	20	19.3	ug/Kg	97	14		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/Kg	98	0		81	123	20
	1,1-Dichloroethene	20	20.0	ug/Kg	100	3		79	121	20
	Acetone	100	99.3	ug/Kg	99	13		40	171	20
	Carbon disulfide	20	18.5	ug/Kg	93	1		59	130	20
	Methyl tert-butyl Ether	20	22.8	ug/Kg	114	0		77	129	20
	Methyl Acetate	20	20.9	ug/Kg	104	11		69	149	20
	Methylene Chloride	20	24.5	ug/Kg	123	2		72	131	20
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106	3		80	123	20
	1,1-Dichloroethane	20	22.1	ug/Kg	111	0		82	123	20
	Cyclohexane	20	19.8	ug/Kg	99	0		76	122	20
	2-Butanone	100	110	ug/Kg	110	14		69	131	20
	Carbon Tetrachloride	20	18.5	ug/Kg	93	3		76	129	20
	cis-1,2-Dichloroethene	20	22.4	ug/Kg	112	0		82	123	20
	Bromochloromethane	20	22.9	ug/Kg	115	4		80	127	20
	Chloroform	20	22.5	ug/Kg	113	1		82	125	20
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103	1		80	126	20
	Methylcyclohexane	20	18.1	ug/Kg	91	1		77	123	20
	Benzene	20	20.9	ug/Kg	104	0		84	121	20
	1,2-Dichloroethane	20	20.6	ug/Kg	103	1		81	126	20
	Trichloroethene	20	19.5	ug/Kg	98	5		83	122	20
	1,2-Dichloropropane	20	20.5	ug/Kg	103	4		83	122	20
	Bromodichloromethane	20	20.8	ug/Kg	104	0		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	5		70	135	20
	Toluene	20	21.1	ug/Kg	106	1		83	122	20
	t-1,3-Dichloropropene	20	21.0	ug/Kg	105	3		78	124	20
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105	0		81	122	20
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105	1		82	125	20
	2-Hexanone	100	110	ug/Kg	110	14		66	138	20
	Dibromochloromethane	20	19.5	ug/Kg	98	2		79	125	20
	1,2-Dibromoethane	20	20.8	ug/Kg	104	6		80	125	20
	Tetrachloroethene	20	17.3	ug/Kg	86	3		83	125	20
	Chlorobenzene	20	19.7	ug/Kg	99	3		84	122	20
	Ethyl Benzene	20	20.4	ug/Kg	102	2		82	124	20
	m/p-Xylenes	40	39.8	ug/Kg	100	4		83	124	20
	o-Xylene	20	20.5	ug/Kg	103	3		83	123	20
	Styrene	20	20.4	ug/Kg	102	6		82	124	20
	Bromoform	20	19.1	ug/Kg	96	4		75	127	20
	Isopropylbenzene	20	20.4	ug/Kg	102	3		82	124	20
	1,1,2,2-Tetrachloroethane	20	20.8	ug/Kg	104	0		77	127	20
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102	1		83	122	20
	1,4-Dichlorobenzene	20	20.2	ug/Kg	101	7		84	121	20
	1,2-Dichlorobenzene	20	20.8	ug/Kg	104	4		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031839.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBSD01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/Kg	96	5		66	134	20
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99	5		78	127	20
	1,2,3-Trichlorobenzene	20	19.2	ug/Kg	96	8		70	137	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			69	116	
	Chloromethane	20	19.0	ug/L	95			65	116	
	Vinyl chloride	20	18.7	ug/L	94			65	117	
	Bromomethane	20	20.5	ug/L	103			58	125	
	Chloroethane	20	18.2	ug/L	91			56	128	
	Trichlorofluoromethane	20	18.8	ug/L	94			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			80	112	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acetone	100	86.7	ug/L	87			60	125	
	Carbon disulfide	20	18.0	ug/L	90			64	112	
	Methyl tert-butyl Ether	20	18.9	ug/L	95			78	114	
	Methyl Acetate	20	19.3	ug/L	97			67	125	
	Methylene Chloride	20	18.5	ug/L	93			72	114	
	trans-1,2-Dichloroethene	20	19.2	ug/L	96			75	108	
	1,1-Dichloroethane	20	19.0	ug/L	95			78	112	
	Cyclohexane	20	19.2	ug/L	96			75	110	
	2-Butanone	100	93.1	ug/L	93			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			77	110	
	Bromochloromethane	20	16.0	ug/L	80			70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			80	108	
	Methylcyclohexane	20	18.6	ug/L	93			72	115	
	Benzene	20	18.9	ug/L	95			82	109	
	1,2-Dichloroethane	20	18.6	ug/L	93			80	115	
	Trichloroethene	20	18.4	ug/L	92			77	113	
	1,2-Dichloropropane	20	18.6	ug/L	93			83	111	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	95.2	ug/L	95			74	118	
	Toluene	20	19.1	ug/L	96			82	110	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			79	110	
	cis-1,3-Dichloropropene	20	18.5	ug/L	93			82	110	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			83	112	
	2-Hexanone	100	92.1	ug/L	92			73	117	
	Dibromochloromethane	20	18.6	ug/L	93			82	110	
	1,2-Dibromoethane	20	18.6	ug/L	93			81	110	
	Tetrachloroethene	20	18.5	ug/L	93			67	123	
	Chlorobenzene	20	18.6	ug/L	93			82	109	
	Ethyl Benzene	20	18.9	ug/L	95			83	109	
	m/p-Xylenes	40	38.0	ug/L	95			82	110	
	o-Xylene	20	18.7	ug/L	94			83	109	
	Styrene	20	19.3	ug/L	97			80	111	
	Bromoform	20	18.3	ug/L	92			79	109	
	Isopropylbenzene	20	18.6	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	
	1,3-Dichlorobenzene	20	18.4	ug/L	92			82	108	
	1,4-Dichlorobenzene	20	18.0	ug/L	90			82	107	
	1,2-Dichlorobenzene	20	18.5	ug/L	93			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	1,2-Dibromo-3-Chloropropane	20	17.6	ug/L	88			68	112	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			75	113	
	1,2,3-Trichlorobenzene	20	17.9	ug/L	90			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBSD01	Dichlorodifluoromethane	20	19.3	ug/L	97	3		69	116	19
	Chloromethane	20	19.4	ug/L	97	2		65	116	21
	Vinyl chloride	20	19.1	ug/L	96	2		65	117	19
	Bromomethane	20	20.5	ug/L	103	0		58	125	20
	Chloroethane	20	18.8	ug/L	94	3		56	128	20
	Trichlorofluoromethane	20	19.5	ug/L	98	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	4		80	112	15
	1,1-Dichloroethene	20	19.2	ug/L	96	5		74	110	20
	Acetone	100	91.0	ug/L	91	4		60	125	20
	Carbon disulfide	20	18.5	ug/L	93	3		64	112	20
	Methyl tert-butyl Ether	20	20.5	ug/L	103	8		78	114	20
	Methyl Acetate	20	20.5	ug/L	103	6		67	125	20
	Methylene Chloride	20	19.9	ug/L	100	7		72	114	20
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	4		75	108	16
	1,1-Dichloroethane	20	19.6	ug/L	98	3		78	112	20
	Cyclohexane	20	20.1	ug/L	101	5		75	110	20
	2-Butanone	100	98.7	ug/L	99	6		65	122	26
	Carbon Tetrachloride	20	19.5	ug/L	98	6		77	113	15
	cis-1,2-Dichloroethene	20	19.9	ug/L	100	5		77	110	20
	Bromochloromethane	20	17.5	ug/L	88	10		70	124	20
	Chloroform	20	20.1	ug/L	101	5		79	113	20
	1,1,1-Trichloroethane	20	19.4	ug/L	97	3		80	108	20
	Methylcyclohexane	20	19.3	ug/L	97	4		72	115	20
	Benzene	20	19.8	ug/L	99	4		82	109	15
	1,2-Dichloroethane	20	20.3	ug/L	102	9		80	115	20
	Trichloroethene	20	18.9	ug/L	95	3		77	113	15
	1,2-Dichloropropane	20	19.9	ug/L	100	7		83	111	16
	Bromodichloromethane	20	20.0	ug/L	100	6		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	5		74	118	25
	Toluene	20	20.1	ug/L	101	5		82	110	16
	t-1,3-Dichloropropene	20	19.8	ug/L	99	7		79	110	20
	cis-1,3-Dichloropropene	20	20.3	ug/L	102	9		82	110	16
	1,1,2-Trichloroethane	20	20.7	ug/L	104	8		83	112	20
	2-Hexanone	100	100	ug/L	100	8		73	117	25
	Dibromochloromethane	20	20.0	ug/L	100	7		82	110	20
	1,2-Dibromoethane	20	20.1	ug/L	101	8		81	110	20
	Tetrachloroethene	20	19.3	ug/L	97	4		67	123	15
	Chlorobenzene	20	19.4	ug/L	97	4		82	109	15
	Ethyl Benzene	20	19.7	ug/L	99	4		83	109	16
	m/p-Xylenes	40	39.9	ug/L	100	5		82	110	15
	o-Xylene	20	19.7	ug/L	99	5		83	109	20
	Styrene	20	20.1	ug/L	101	4		80	111	17
	Bromoform	20	19.3	ug/L	97	5		79	109	20
	Isopropylbenzene	20	19.2	ug/L	96	3		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97	6		76	118	20
	1,3-Dichlorobenzene	20	19.4	ug/L	97	5		82	108	20
	1,4-Dichlorobenzene	20	18.8	ug/L	94	4		82	107	15
	1,2-Dichlorobenzene	20	19.5	ug/L	98	5		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBSD01	1,2-Dibromo-3-Chloropropane	20	18.9	ug/L	95	8		68	112	20
	1,2,4-Trichlorobenzene	20	18.3	ug/L	92	3		75	113	29
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98	9		76	114	29

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX047007.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0715MBS01	Dichlorodifluoromethane	2000	1700	ug/Kg	85			64	136	
	Chloromethane	2000	1700	ug/Kg	85			52	151	
	Vinyl chloride	2000	1800	ug/Kg	90			56	148	
	Bromomethane	2000	1800	ug/Kg	90			58	141	
	Chloroethane	2000	1900	ug/Kg	95			69	130	
	Trichlorofluoromethane	2000	1900	ug/Kg	95			69	134	
	1,1,2-Trichlorotrifluoroethane	2000	1900	ug/Kg	95			81	123	
	1,1-Dichloroethene	2000	1900	ug/Kg	95			79	121	
	Acetone	10000	12400	ug/Kg	124			40	171	
	Carbon disulfide	2000	1500	ug/Kg	75			59	130	
	Methyl tert-butyl Ether	2000	2400	ug/Kg	120			77	129	
	Methyl Acetate	2000	3100	ug/Kg	155		*	69	149	
	Methylene Chloride	2000	2000	ug/Kg	100			72	131	
	trans-1,2-Dichloroethene	2000	1900	ug/Kg	95			80	123	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			82	123	
	Cyclohexane	2000	1900	ug/Kg	95			76	122	
	2-Butanone	10000	14000	ug/Kg	140		*	69	131	
	Carbon Tetrachloride	2000	1900	ug/Kg	95			76	129	
	cis-1,2-Dichloroethene	2000	2000	ug/Kg	100			82	123	
	Bromochloromethane	2000	2200	ug/Kg	110			80	127	
	Chloroform	2000	2100	ug/Kg	105			82	125	
	1,1,1-Trichloroethane	2000	2100	ug/Kg	105			80	126	
	Methylcyclohexane	2000	1700	ug/Kg	85			77	123	
	Benzene	2000	1900	ug/Kg	95			84	121	
	1,2-Dichloroethane	2000	2100	ug/Kg	105			81	126	
	Trichloroethene	2000	1800	ug/Kg	90			83	122	
	1,2-Dichloropropane	2000	2000	ug/Kg	100			83	122	
	Bromodichloromethane	2000	2000	ug/Kg	100			82	123	
	4-Methyl-2-Pentanone	10000	13900	ug/Kg	139		*	70	135	
	Toluene	2000	2000	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	2000	2000	ug/Kg	100			78	124	
	cis-1,3-Dichloropropene	2000	2000	ug/Kg	100			81	122	
	1,1,2-Trichloroethane	2000	2100	ug/Kg	105			82	125	
	2-Hexanone	10000	14500	ug/Kg	145		*	66	138	
	Dibromochloromethane	2000	2000	ug/Kg	100			79	125	
	1,2-Dibromoethane	2000	2100	ug/Kg	105			80	125	
	Tetrachloroethene	2000	1800	ug/Kg	90			83	125	
	Chlorobenzene	2000	2000	ug/Kg	100			84	122	
	Ethyl Benzene	2000	2000	ug/Kg	100			82	124	
	m/p-Xylenes	4000	3900	ug/Kg	98			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Styrene	2000	2000	ug/Kg	100			82	124	
	Bromoform	2000	2100	ug/Kg	105			75	127	
	Isopropylbenzene	2000	2000	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	2000	2400	ug/Kg	120			77	127	
	1,3-Dichlorobenzene	2000	2000	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	2000	1900	ug/Kg	95			84	121	
	1,2-Dichlorobenzene	2000	2000	ug/Kg	100			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX047007.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0715MBS01	1,2-Dibromo-3-Chloropropane	2000	2600	ug/Kg	130			66	134	
	1,2,4-Trichlorobenzene	2000	1900	ug/Kg	95			78	127	
	1,2,3-Trichlorobenzene	2000	2000	ug/Kg	100			70	137	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0714SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VW031837.D | Lab Sample ID: VW0714SBL01

Date Analyzed: 07/14/2025 | Time Analyzed: 09:46

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0714SBS01	VW0714SBS01	VW031838.D	07/14/2025
VW0714SBSD01	VW0714SBSD01	VW031839.D	07/14/2025
GCAP2	Q2503-03	VW031840.D	07/14/2025
GCAP3	Q2503-04	VW031841.D	07/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0703WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046871.D | Lab Sample ID: VX0703WBL01

Date Analyzed: 07/03/2025 | Time Analyzed: 09:09

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

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025
GCAP2W	Q2503-01	VX046886.D	07/03/2025
GCAP3W	Q2503-02	VX046887.D	07/03/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0715MBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046989.D | Lab Sample ID: VX0715MBL01

Date Analyzed: 07/15/2025 | Time Analyzed: 10:39

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

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0715MBS01	VX0715MBS01	VX047007.D	07/15/2025
GCAP2ME	Q2503-03ME	VX047009.D	07/15/2025
GCAP3ME	Q2503-04ME	VX047010.D	07/15/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2503
Lab File ID: VW031728.D
BFB Injection Date: 06/30/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:56
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	65.4
175	5.0 - 9.0% of mass 174	5.4 (8.2) 1
176	95.0 - 101.0% of mass 174	64.8 (99.2) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW031729.D	06/30/2025	09:54
VSTDICC010	VSTDICC010	VW031730.D	06/30/2025	10:15
VSTDICC020	VSTDICC020	VW031731.D	06/30/2025	10:58
VSTDICCC050	VSTDICCC050	VW031732.D	06/30/2025	11:21
VSTDICC100	VSTDICC100	VW031733.D	06/30/2025	12:34
VSTDICC150	VSTDICC150	VW031734.D	06/30/2025	12:55

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2503
Lab File ID: VW031835.D
BFB Injection Date: 07/14/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:45
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.5
75	30.0 - 60.0% of mass 95	53.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	63.7
175	5.0 - 9.0% of mass 174	5.4 (8.5) 1
176	95.0 - 101.0% of mass 174	62.5 (98.1) 1
177	5.0 - 9.0% of mass 176	4 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW031836.D	07/14/2025	09:17
VW0714SBL01	VW0714SBL01	VW031837.D	07/14/2025	09:46
VW0714SBS01	VW0714SBS01	VW031838.D	07/14/2025	10:14
VW0714SBSD01	VW0714SBSD01	VW031839.D	07/14/2025	10:36
GCAP2	Q2503-03	VW031840.D	07/14/2025	11:16
GCAP3	Q2503-04	VW031841.D	07/14/2025	11:38

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2503
Lab File ID: VX046859.D
BFB Injection Date: 07/02/2025
Instrument ID: MSVOA_X
BFB Injection Time: 11:12
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX046860.D	07/02/2025	12:11
VSTDICC005	VSTDICC005	VX046861.D	07/02/2025	12:37
VSTDICC020	VSTDICC020	VX046862.D	07/02/2025	13:18
VSTDICCC050	VSTDICCC050	VX046863.D	07/02/2025	13:39
VSTDICC100	VSTDICC100	VX046864.D	07/02/2025	14:10
VSTDICC150	VSTDICC150	VX046865.D	07/02/2025	14:31

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046868.D | BFB Injection Date: 07/03/2025

Instrument ID: MSVOA_X | BFB Injection Time: 07:52

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	49.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	75.5 (99.4) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046869.D	07/03/2025	08:19
VX0703WBL01	VX0703WBL01	VX046871.D	07/03/2025	09:09
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025	09:56
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025	10:23
GCAP2W	Q2503-01	VX046886.D	07/03/2025	14:37
GCAP3W	Q2503-02	VX046887.D	07/03/2025	14:58

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046987.D | BFB Injection Date: 07/15/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:29

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	74.1
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72.6 (97.9) 1
177	5.0 - 9.0% of mass 176	4.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046988.D	07/15/2025	10:18
VX0715MBL01	VX0715MBL01	VX046989.D	07/15/2025	10:39
VX0715MBS01	VX0715MBS01	VX047007.D	07/15/2025	17:06
GCAP2ME	Q2503-03ME	VX047009.D	07/15/2025	17:49
GCAP3ME	Q2503-04ME	VX047010.D	07/15/2025	18:10

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VW031836.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_W Time Analyzed: 09:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	228359	7.96	408363	8.85	364073	11.63
UPPER LIMIT	456718	8.459	816726	9.349	728146	12.129
LOWER LIMIT	114180	7.459	204182	8.349	182037	11.129
EPA SAMPLE NO.						
GCAP2	210867	7.96	390097	8.85	330238	11.63
GCAP3	198013	7.97	378189	8.86	323667	11.63
VW0714SBL01	179274	7.96	359991	8.85	334968	11.64
VW0714SBS01	217952	7.96	419177	8.85	378051	11.63
VW0714SBSD01	213196	7.97	419599	8.86	383633	11.64

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VW031836.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_W Time Analyzed: 09:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	165994	13.556				
UPPER LIMIT	331988	14.056				
LOWER LIMIT	82997	13.056				
EPA SAMPLE NO.						
GCAP2	124443	13.56				
GCAP3	116915	13.56				
VW0714SBL01	154203	13.56				
VW0714SBS01	171979	13.56				
VW0714SBSD01	180632	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	416385	5.56	663948	6.76	582621	10.05
UPPER LIMIT	832770	6.056	1327900	7.263	1165240	10.549
LOWER LIMIT	208193	5.056	331974	6.263	291311	9.549
EPA SAMPLE NO.						
GCAP2W	529972	5.56	893199	6.77	813566	10.06
GCAP3W	551922	5.56	910736	6.77	827841	10.06
VX0703WBL01	435949	5.56	752530	6.76	691838	10.05
VX0703WBS01	380935	5.56	631809	6.77	572542	10.06
VX0703WBSD01	339915	5.56	568093	6.76	517645	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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

	IS4 AREA #	RT #				
12 HOUR STD	287854	12.018				
UPPER LIMIT	575708	12.518				
LOWER LIMIT	143927	11.518				
EPA SAMPLE NO.						
GCAP2W	408234	12.02				
GCAP3W	418170	12.02				
VX0703WBL01	351915	12.02				
VX0703WBS01	293826	12.02				
VX0703WBSD01	269874	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

 # Column used to flag values outside QC limits with an asterisk.
*** Values outside of QC limits.**

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046988.D Date Analyzed: 07/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:18

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	298555	5.56	499158	6.76	443564	10.06
UPPER LIMIT	597110	6.056	998316	7.263	887128	10.555
LOWER LIMIT	149278	5.056	249579	6.263	221782	9.555
EPA SAMPLE NO.						
GCAP2ME	321586	5.56	538656	6.76	489470	10.06
GCAP3ME	288950	5.56	484552	6.76	438449	10.06
VX0715MBL01	342671	5.56	579223	6.77	530422	10.06
VX0715MBS01	310444	5.57	528338	6.77	471044	10.06

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046988.D Date Analyzed: 07/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:18

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

	IS4 AREA #	RT #				
12 HOUR STD	217822	12.018				
UPPER LIMIT	435644	12.518				
LOWER LIMIT	108911	11.518				
EPA SAMPLE NO.						
GCAP2ME	250920	12.02				
GCAP3ME	225226	12.02				
VX0715MBL01	275487	12.02				
VX0715MBS01	239011	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	44.9		74 - 123	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	179000	7.959			
540-36-3	1,4-Difluorobenzene	360000	8.849			
3114-55-4	Chlorobenzene-d5	335000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	436000	5.556			
540-36-3	1,4-Difluorobenzene	753000	6.763			
3114-55-4	Chlorobenzene-d5	692000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	352000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBL01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046989.D	1	07/15/25 10:39	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/Kg
74-87-3	Chloromethane	110	U	110	500	ug/Kg
75-01-4	Vinyl Chloride	79.0	U	79.0	500	ug/Kg
74-83-9	Bromomethane	110	U	110	500	ug/Kg
75-00-3	Chloroethane	130	U	130	500	ug/Kg
75-69-4	Trichlorofluoromethane	120	U	120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	110	500	ug/Kg
75-35-4	1,1-Dichloroethene	100	U	100	500	ug/Kg
67-64-1	Acetone	470	U	470	2500	ug/Kg
75-15-0	Carbon Disulfide	110	U	110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	73.0	U	73.0	500	ug/Kg
79-20-9	Methyl Acetate	150	U	150	500	ug/Kg
75-09-2	Methylene Chloride	350	U	350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	86.0	U	86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	80.0	U	80.0	500	ug/Kg
110-82-7	Cyclohexane	79.0	U	79.0	500	ug/Kg
78-93-3	2-Butanone	650	U	650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	97.0	U	97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	75.0	U	75.0	500	ug/Kg
74-97-5	Bromochloromethane	120	U	120	500	ug/Kg
67-66-3	Chloroform	84.0	U	84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	93.0	U	93.0	500	ug/Kg
108-87-2	Methylcyclohexane	91.0	U	91.0	500	ug/Kg
71-43-2	Benzene	79.0	U	79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	79.0	U	79.0	500	ug/Kg
79-01-6	Trichloroethene	81.0	U	81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	91.0	U	91.0	500	ug/Kg
75-27-4	Bromodichloromethane	78.0	U	78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	360	U	360	2500	ug/Kg
108-88-3	Toluene	78.0	U	78.0	500	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBL01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046989.D	1	07/15/25 10:39	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	65.0	U	65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	62.0	U	62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	92.0	U	92.0	500	ug/Kg
591-78-6	2-Hexanone	370	U	370	2500	ug/Kg
124-48-1	Dibromochloromethane	87.0	U	87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	88.0	U	88.0	500	ug/Kg
127-18-4	Tetrachloroethene	110	U	110	500	ug/Kg
108-90-7	Chlorobenzene	91.0	U	91.0	500	ug/Kg
100-41-4	Ethyl Benzene	67.0	U	67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	120	U	120	1000	ug/Kg
95-47-6	o-Xylene	82.0	U	82.0	500	ug/Kg
100-42-5	Styrene	71.0	U	71.0	500	ug/Kg
75-25-2	Bromoform	86.0	U	86.0	500	ug/Kg
98-82-8	Isopropylbenzene	78.0	U	78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	320	U	320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		17 - 146	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	343000	5.562			
540-36-3	1,4-Difluorobenzene	579000	6.769			
3114-55-4	Chlorobenzene-d5	530000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	275000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBL01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046989.D	1	07/15/25 10:39	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	18.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	16.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.5		1.00	5.00	ug/Kg
67-64-1	Acetone	87.1		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.6		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.0		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.2		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.7		0.79	5.00	ug/Kg
78-93-3	2-Butanone	96.3		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	17.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.7		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.4		0.91	5.00	ug/Kg
71-43-2	Benzene	20.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	94.7		3.60	25.0	ug/Kg
108-88-3	Toluene	21.4		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.0		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	95.7		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	17.7		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	21.5		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.3		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.6		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	51.4		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	218000	7.959			
540-36-3	1,4-Difluorobenzene	419000	8.849			
3114-55-4	Chlorobenzene-d5	378000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	172000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	86.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.2		1.50	5.00	ug/L
78-93-3	2-Butanone	93.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	16.0		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.2		0.68	5.00	ug/L
108-88-3	Toluene	19.1		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	2.00	ug/L
95-47-6	o-Xylene	18.7		0.12	1.00	ug/L
100-42-5	Styrene	19.3		0.15	1.00	ug/L
75-25-2	Bromoform	18.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.9		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	381000	5.562			
540-36-3	1,4-Difluorobenzene	632000	6.769			
3114-55-4	Chlorobenzene-d5	573000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	294000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBS01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047007.D	1	07/15/25 17:06	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1700		110	500	ug/Kg
74-87-3	Chloromethane	1700		110	500	ug/Kg
75-01-4	Vinyl Chloride	1800		79.0	500	ug/Kg
74-83-9	Bromomethane	1800		110	500	ug/Kg
75-00-3	Chloroethane	1900		130	500	ug/Kg
75-69-4	Trichlorofluoromethane	1900		120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1900		110	500	ug/Kg
75-35-4	1,1-Dichloroethene	1900		100	500	ug/Kg
67-64-1	Acetone	12400		470	2500	ug/Kg
75-15-0	Carbon Disulfide	1500		110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2400		73.0	500	ug/Kg
79-20-9	Methyl Acetate	3100		150	500	ug/Kg
75-09-2	Methylene Chloride	2000		350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1900		86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	2000		80.0	500	ug/Kg
110-82-7	Cyclohexane	1900		79.0	500	ug/Kg
78-93-3	2-Butanone	14000		650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	1900		97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2000		75.0	500	ug/Kg
74-97-5	Bromochloromethane	2200		120	500	ug/Kg
67-66-3	Chloroform	2100		84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	2100		93.0	500	ug/Kg
108-87-2	Methylcyclohexane	1700		91.0	500	ug/Kg
71-43-2	Benzene	1900		79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	2100		79.0	500	ug/Kg
79-01-6	Trichloroethene	1800		81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	2000		91.0	500	ug/Kg
75-27-4	Bromodichloromethane	2000		78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13900		360	2500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBS01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047007.D	1	07/15/25 17:06	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2000		65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2000		62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	2100		92.0	500	ug/Kg
591-78-6	2-Hexanone	14500		370	2500	ug/Kg
124-48-1	Dibromochloromethane	2000		87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	2100		88.0	500	ug/Kg
127-18-4	Tetrachloroethene	1800		110	500	ug/Kg
108-90-7	Chlorobenzene	2000		91.0	500	ug/Kg
100-41-4	Ethyl Benzene	2000		67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	3900		120	1000	ug/Kg
95-47-6	o-Xylene	2000		82.0	500	ug/Kg
100-42-5	Styrene	2000		71.0	500	ug/Kg
75-25-2	Bromoform	2100		86.0	500	ug/Kg
98-82-8	Isopropylbenzene	2000		78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2400		120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2600		180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2000		320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	310000	5.568			
540-36-3	1,4-Difluorobenzene	528000	6.769			
3114-55-4	Chlorobenzene-d5	471000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	239000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBS01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047007.D	1	07/15/25 17:06	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	16.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	99.3		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.5		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.1		0.91	5.00	ug/Kg
71-43-2	Benzene	20.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.0		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.0		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.0		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.5		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	17.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.4		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.2		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.2		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.2		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		17 - 146	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	213000	7.965			
540-36-3	1,4-Difluorobenzene	420000	8.855			
3114-55-4	Chlorobenzene-d5	384000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	181000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		0.22	1.00	ug/L
74-87-3	Chloromethane	19.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.1		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.1		1.50	5.00	ug/L
78-93-3	2-Butanone	98.7		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.5		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.3		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	20.1		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.24	2.00	ug/L
95-47-6	o-Xylene	19.7		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	19.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	340000	5.556			
540-36-3	1,4-Difluorobenzene	568000	6.763			
3114-55-4	Chlorobenzene-d5	518000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	270000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2503

Instrument ID: MSVOA_W | Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:54 12:55

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

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.330	0.371	0.352	0.310	0.329	0.351	0.341	6.3
Chloromethane	0.409	0.410	0.428	0.375	0.405	0.436	0.411	5.1
Vinyl Chloride	0.523	0.534	0.576	0.514	0.545	0.546	0.540	4
Bromomethane	0.429	0.431	0.443	0.396	0.412	0.418	0.421	3.9
Chloroethane	0.370	0.372	0.379	0.347	0.360	0.372	0.367	3.1
Trichlorofluoromethane	0.509	0.508	0.442	0.469	0.466	0.546	0.490	7.7
1,1,2-Trichlorotrifluoroethane	0.577	0.563	0.569	0.508	0.517	0.530	0.544	5.4
1,1-Dichloroethene	0.602	0.625	0.622	0.556	0.581	0.588	0.596	4.4
Acetone	0.238	0.191	0.171	0.163	0.157	0.144	0.177	18.8
Carbon Disulfide	1.571	1.588	1.647	1.536	1.590	1.633	1.594	2.5
Methyl tert-butyl Ether	1.007	1.018	1.038	1.033	0.982	0.988	1.011	2.3
Methyl Acetate	0.540	0.523	0.498	0.528	0.467	0.485	0.507	5.6
Methylene Chloride	1.029	0.980	0.905	0.692	0.655	0.626	0.814	21.7
trans-1,2-Dichloroethene	0.635	0.623	0.667	0.613	0.631	0.629	0.633	2.9
1,1-Dichloroethane	1.154	1.163	1.219	1.116	1.131	1.153	1.156	3.1
Cyclohexane	1.175	1.065	1.033	0.937	0.940	0.981	1.022	8.9
2-Butanone	0.224	0.224	0.221	0.249	0.231	0.237	0.231	4.6
Carbon Tetrachloride	0.477	0.498	0.498	0.461	0.468	0.485	0.481	3.2
cis-1,2-Dichloroethene	0.711	0.709	0.754	0.716	0.736	0.740	0.728	2.5
Bromochloromethane	0.531	0.501	0.535	0.504	0.500	0.489	0.510	3.7
Chloroform	1.230	1.239	1.299	1.204	1.189	1.208	1.228	3.2
1,1,1-Trichloroethane	0.933	0.983	0.971	0.925	0.907	0.959	0.946	3.1
Methylcyclohexane	0.573	0.571	0.604	0.566	0.592	0.619	0.587	3.6
Benzene	1.410	1.394	1.483	1.375	1.349	1.371	1.397	3.4
1,2-Dichloroethane	0.490	0.490	0.493	0.464	0.449	0.445	0.472	4.7
Trichloroethene	0.344	0.346	0.367	0.344	0.337	0.354	0.349	3.1
1,2-Dichloropropane	0.348	0.344	0.353	0.331	0.324	0.325	0.338	3.7
Bromodichloromethane	0.509	0.512	0.524	0.511	0.502	0.510	0.511	1.4
4-Methyl-2-Pentanone	0.285	0.301	0.295	0.313	0.289	0.287	0.295	3.5
Toluene	0.882	0.898	0.938	0.876	0.874	0.899	0.894	2.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2503

Instrument ID: MSVOA_W | Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:54 12:55

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

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.432	0.460	0.491	0.496	0.497	0.500	0.480	5.7
cis-1,3-Dichloropropene	0.514	0.521	0.571	0.549	0.547	0.560	0.544	4.1
1,1,2-Trichloroethane	0.299	0.282	0.299	0.285	0.275	0.273	0.286	4
2-Hexanone	0.185	0.201	0.195	0.219	0.201	0.199	0.200	5.6
Dibromochloromethane	0.329	0.332	0.353	0.352	0.336	0.345	0.341	3
1,2-Dibromoethane	0.288	0.285	0.296	0.290	0.274	0.281	0.286	2.7
Tetrachloroethene	0.331	0.321	0.324	0.314	0.329	0.344	0.327	3.2
Chlorobenzene	1.128	1.116	1.116	1.062	1.078	1.120	1.103	2.4
Ethyl Benzene	1.860	1.899	1.911	1.885	1.934	1.989	1.913	2.3
m/p-Xylenes	0.690	0.730	0.751	0.727	0.750	0.764	0.735	3.6
o-Xylene	0.636	0.654	0.685	0.682	0.705	0.723	0.681	4.7
Styrene	1.066	1.154	1.195	1.209	1.206	1.232	1.177	5.1
Bromoform	0.197	0.202	0.203	0.219	0.215	0.223	0.210	5.1
Isopropylbenzene	3.643	3.549	3.683	3.732	4.080	4.132	3.803	6.4
1,1,2,2-Tetrachloroethane	0.891	0.839	0.812	0.843	0.829	0.852	0.844	3.2
1,3-Dichlorobenzene	1.771	1.705	1.683	1.644	1.681	1.723	1.701	2.5
1,4-Dichlorobenzene	1.815	1.750	1.700	1.702	1.735	1.745	1.741	2.4
1,2-Dichlorobenzene	1.599	1.518	1.511	1.575	1.563	1.563	1.555	2.2
1,2-Dibromo-3-Chloropropane	0.169	0.159	0.153	0.166	0.167	0.174	0.165	4.6
1,2,4-Trichlorobenzene	0.965	0.899	0.929	0.933	1.000	1.028	0.959	5
1,2,3-Trichlorobenzene	0.863	0.865	0.827	0.862	0.944	0.926	0.881	5
1,2-Dichloroethane-d4	0.731	0.732	0.739	0.715	0.702	0.687	0.718	2.8
Dibromofluoromethane	0.322	0.324	0.348	0.324	0.327	0.312	0.326	3.6
Toluene-d8	1.121	1.245	1.290	1.208	1.229	1.193	1.214	4.7
4-Bromofluorobenzene	0.436	0.452	0.463	0.447	0.450	0.434	0.447	2.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2503

Instrument ID: MSVOA_X | Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.7
Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.4
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12
Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.4
Trichlorofluoromethane	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3
1,1,2-Trichlorotrifluoroethane	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.6
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.9
Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	6
Methyl tert-butyl Ether	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.2
Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.1
Methylene Chloride	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.1
trans-1,2-Dichloroethene	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.3
1,1-Dichloroethane	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.7
Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
cis-1,2-Dichloroethene	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.8
Bromochloromethane	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.3
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
1,1,1-Trichloroethane	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.2
Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.2
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
1,2-Dichloropropane	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3
Bromodichloromethane	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.9
4-Methyl-2-Pentanone	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.3
Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.8
cis-1,3-Dichloropropene	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.7
1,1,2-Trichloroethane	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.8
2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.8
Dibromochloromethane	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.9
1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.8
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.3
m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.1
o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.4
Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.5
Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.9
Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	4
1,1,2,2-Tetrachloroethane	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.3
1,3-Dichlorobenzene	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.5
1,4-Dichlorobenzene	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.5
1,2-Dichlorobenzene	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.1
1,2-Dibromo-3-Chloropropane	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.7
1,2,4-Trichlorobenzene	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.9
1,2,3-Trichlorobenzene	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.2
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2503
Instrument ID: MSVOA_W
Calibration Date/Time: 07/14/2025 09:17
Lab File ID: VW031836.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.280		-17.89	20
Chloromethane	0.411	0.378	0.1	-8.03	20
Vinyl Chloride	0.540	0.531		-1.67	20
Bromomethane	0.421	0.400		-4.99	20
Chloroethane	0.367	0.358		-2.45	20
Trichlorofluoromethane	0.490	0.456		-6.94	20
1,1,2-Trichlorotrifluoroethane	0.544	0.533		-2.02	20
1,1-Dichloroethene	0.596	0.589		-1.17	20
Acetone	0.177	0.145		-18.08	20
Carbon Disulfide	1.594	1.487		-6.71	20
Methyl tert-butyl Ether	1.011	1.128		11.57	20
Methyl Acetate	0.507	0.534		5.32	20
Methylene Chloride	0.814	0.750		-7.86	20
trans-1,2-Dichloroethene	0.633	0.635		0.32	20
1,1-Dichloroethane	1.156	1.213	0.1	4.93	20
Cyclohexane	1.022	0.980		-4.11	20
2-Butanone	0.231	0.228		-1.3	20
Carbon Tetrachloride	0.481	0.486		1.04	20
cis-1,2-Dichloroethene	0.728	0.791		8.65	20
Bromochloromethane	0.510	0.541		6.08	20
Chloroform	1.228	1.308		6.51	20
1,1,1-Trichloroethane	0.946	0.958		1.27	20
Methylcyclohexane	0.587	0.596		1.53	20
Benzene	1.397	1.493		6.87	20
1,2-Dichloroethane	0.472	0.504		6.78	20
Trichloroethene	0.349	0.356		2.01	20
1,2-Dichloropropane	0.338	0.370		9.47	20
Bromodichloromethane	0.511	0.557		9	20
4-Methyl-2-Pentanone	0.295	0.307		4.07	20
Toluene	0.894	0.965		7.94	20
t-1,3-Dichloropropene	0.480	0.537		11.88	20
cis-1,3-Dichloropropene	0.544	0.609		11.95	20
1,1,2-Trichloroethane	0.286	0.308		7.69	20
2-Hexanone	0.200	0.211		5.5	20
Dibromochloromethane	0.341	0.372		9.09	20
1,2-Dibromoethane	0.286	0.299		4.55	20
Tetrachloroethene	0.327	0.316		-3.36	20
Chlorobenzene	1.103	1.152	0.3	4.44	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2503

Instrument ID: MSVOA_W | Calibration Date/Time: 07/14/2025 09:17

Lab File ID: VW031836.D | Init. Calib. Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:54 12:55

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.913	2.034		6.32	20
m/p-Xylenes	0.735	0.786		6.94	20
o-Xylene	0.681	0.751		10.28	20
Styrene	1.177	1.279		8.67	20
Bromoform	0.210	0.216	0.1	2.86	20
Isopropylbenzene	3.803	4.171		9.68	20
1,1,2,2-Tetrachloroethane	0.844	0.921	0.3	9.12	20
1,3-Dichlorobenzene	1.701	1.869		9.88	20
1,4-Dichlorobenzene	1.741	1.813		4.14	20
1,2-Dichlorobenzene	1.555	1.670		7.39	20
1,2-Dibromo-3-Chloropropane	0.165	0.166		0.61	20
1,2,4-Trichlorobenzene	0.959	0.982		2.4	20
1,2,3-Trichlorobenzene	0.881	0.953		8.17	20
1,2-Dichloroethane-d4	0.718	0.717		-0.14	20
Dibromofluoromethane	0.326	0.332		1.84	20
Toluene-d8	1.214	1.228		1.15	20
4-Bromofluorobenzene	0.447	0.466		4.25	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2503
Instrument ID: MSVOA_X
Calibration Date/Time: 07/03/2025 08:19
Lab File ID: VX046869.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.537		12.34	20
Chloromethane	0.522	0.558	0.1	6.9	20
Vinyl Chloride	0.569	0.604		6.15	20
Bromomethane	0.366	0.389		6.28	20
Chloroethane	0.376	0.375		-0.27	20
Trichlorofluoromethane	0.880	0.928		5.45	20
1,1,2-Trichlorotrifluoroethane	0.561	0.587		4.64	20
1,1-Dichloroethene	0.542	0.555		2.4	20
Acetone	0.205	0.211		2.93	20
Carbon Disulfide	1.422	1.427		0.35	20
Methyl tert-butyl Ether	1.531	1.544		0.85	20
Methyl Acetate	0.541	0.539		-0.37	20
Methylene Chloride	0.607	0.613		0.99	20
trans-1,2-Dichloroethene	0.555	0.565		1.8	20
1,1-Dichloroethane	1.064	1.066	0.1	0.19	20
Cyclohexane	0.944	0.920		-2.54	20
2-Butanone	0.274	0.255		-6.93	20
Carbon Tetrachloride	0.484	0.485		0.21	20
cis-1,2-Dichloroethene	0.677	0.672		-0.74	20
Bromochloromethane	0.525	0.520		-0.95	20
Chloroform	1.087	1.054		-3.04	20
1,1,1-Trichloroethane	0.908	0.890		-1.98	20
Methylcyclohexane	0.573	0.568		-0.87	20
Benzene	1.385	1.373		-0.87	20
1,2-Dichloroethane	0.470	0.464		-1.28	20
Trichloroethene	0.361	0.350		-3.05	20
1,2-Dichloropropane	0.350	0.343		-2	20
Bromodichloromethane	0.518	0.510		-1.54	20
4-Methyl-2-Pentanone	0.353	0.332		-5.95	20
Toluene	0.858	0.841		-1.98	20
t-1,3-Dichloropropene	0.462	0.460		-0.43	20
cis-1,3-Dichloropropene	0.527	0.530		0.57	20
1,1,2-Trichloroethane	0.320	0.308		-3.75	20
2-Hexanone	0.234	0.224		-4.27	20
Dibromochloromethane	0.383	0.374		-2.35	20
1,2-Dibromoethane	0.321	0.309		-3.74	20
Tetrachloroethene	0.333	0.324		-2.7	20
Chlorobenzene	1.081	1.046	0.3	-3.24	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2503

Instrument ID: MSVOA_X | Calibration Date/Time: 07/03/2025 08:19

Lab File ID: VX046869.D | Init. Calib. Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:11 14:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.835		-0.86	20
m/p-Xylenes	0.698	0.690		-1.15	20
o-Xylene	0.674	0.666		-1.19	20
Styrene	1.153	1.148		-0.43	20
Bromoform	0.270	0.264	0.1	-2.22	20
Isopropylbenzene	3.515	3.558		1.22	20
1,1,2,2-Tetrachloroethane	0.966	0.901	0.3	-6.73	20
1,3-Dichlorobenzene	1.637	1.599		-2.32	20
1,4-Dichlorobenzene	1.704	1.592		-6.57	20
1,2-Dichlorobenzene	1.587	1.508		-4.98	20
1,2-Dibromo-3-Chloropropane	0.169	0.156		-7.69	20
1,2,4-Trichlorobenzene	1.078	1.054		-2.23	20
1,2,3-Trichlorobenzene	1.019	0.991		-2.75	20
1,2-Dichloroethane-d4	0.661	0.644		-2.57	20
Dibromofluoromethane	0.339	0.351		3.54	20
Toluene-d8	1.197	1.191		-0.5	20
4-Bromofluorobenzene	0.455	0.447		-1.76	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2503
Instrument ID: MSVOA_X
Calibration Date/Time: 07/15/2025 10:18
Lab File ID: VX046988.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.457		-4.39	20
Chloromethane	0.522	0.484	0.1	-7.28	20
Vinyl Chloride	0.569	0.540		-5.1	20
Bromomethane	0.366	0.346		-5.46	20
Chloroethane	0.376	0.358		-4.79	20
Trichlorofluoromethane	0.880	0.905		2.84	20
1,1,2-Trichlorotrifluoroethane	0.561	0.585		4.28	20
1,1-Dichloroethene	0.542	0.545		0.55	20
Acetone	0.205	0.242		18.05	20
Carbon Disulfide	1.422	1.192		-16.17	20
Methyl tert-butyl Ether	1.531	1.922		25.54	20
Methyl Acetate	0.541	0.836		54.53	20
Methylene Chloride	0.607	0.637		4.94	20
trans-1,2-Dichloroethene	0.555	0.563		1.44	20
1,1-Dichloroethane	1.064	1.145	0.1	7.61	20
Cyclohexane	0.944	0.923		-2.22	20
2-Butanone	0.274	0.372		35.77	20
Carbon Tetrachloride	0.484	0.508		4.96	20
cis-1,2-Dichloroethene	0.677	0.722		6.65	20
Bromochloromethane	0.525	0.546		4	20
Chloroform	1.087	1.183		8.83	20
1,1,1-Trichloroethane	0.908	0.989		8.92	20
Methylcyclohexane	0.573	0.552		-3.66	20
Benzene	1.385	1.417		2.31	20
1,2-Dichloroethane	0.470	0.511		8.72	20
Trichloroethene	0.361	0.358		-0.83	20
1,2-Dichloropropane	0.350	0.374		6.86	20
Bromodichloromethane	0.518	0.557		7.53	20
4-Methyl-2-Pentanone	0.353	0.470		33.14	20
Toluene	0.858	0.884		3.03	20
t-1,3-Dichloropropene	0.462	0.537		16.23	20
cis-1,3-Dichloropropene	0.527	0.596		13.09	20
1,1,2-Trichloroethane	0.320	0.355		10.94	20
2-Hexanone	0.234	0.325		38.89	20
Dibromochloromethane	0.383	0.420		9.66	20
1,2-Dibromoethane	0.321	0.356		10.9	20
Tetrachloroethene	0.333	0.318		-4.51	20
Chlorobenzene	1.081	1.126	0.3	4.16	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2503

Instrument ID: MSVOA_X | Calibration Date/Time: 07/15/2025 10:18

Lab File ID: VX046988.D | Init. Calib. Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:11 14:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.966		6.21	20
m/p-Xylenes	0.698	0.733		5.01	20
o-Xylene	0.674	0.717		6.38	20
Styrene	1.153	1.250		8.41	20
Bromoform	0.270	0.304	0.1	12.59	20
Isopropylbenzene	3.515	3.870		10.1	20
1,1,2,2-Tetrachloroethane	0.966	1.147	0.3	18.74	20
1,3-Dichlorobenzene	1.637	1.748		6.78	20
1,4-Dichlorobenzene	1.704	1.748		2.58	20
1,2-Dichlorobenzene	1.587	1.685		6.18	20
1,2-Dibromo-3-Chloropropane	0.169	0.226		33.73	20
1,2,4-Trichlorobenzene	1.078	1.174		8.9	20
1,2,3-Trichlorobenzene	1.019	1.128		10.7	20
1,2-Dichloroethane-d4	0.661	0.719		8.77	20
Dibromofluoromethane	0.339	0.359		5.9	20
Toluene-d8	1.197	1.212		1.25	20
4-Bromofluorobenzene	0.455	0.485		6.59	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Time: Jul 04 01:32:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

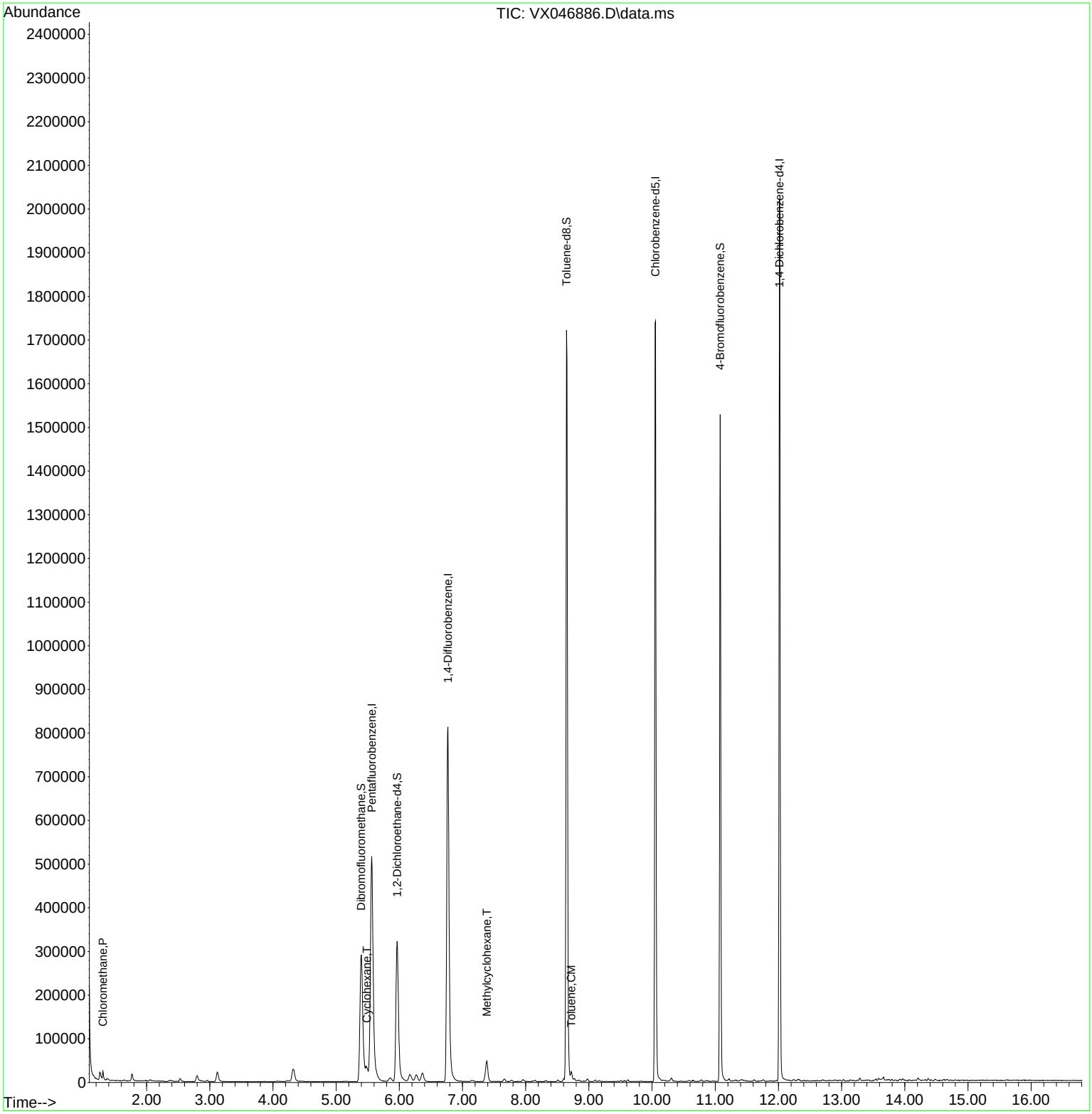
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	529972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	893199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	813566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	408234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	335135	47.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.740%			
35) Dibromofluoromethane	5.397	113	285078	47.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.040%			
50) Toluene-d8	8.647	98	1067887	49.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.840%			
62) 4-Bromofluorobenzene	11.079	95	407032	50.065	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	13721	2.478	ug/l	96
31) Cyclohexane	5.483	56	18536	1.852	ug/l	99
39) Methylcyclohexane	7.385	83	20561	2.009	ug/l	99
52) Toluene	8.720	92	7353	0.480	ug/l	95

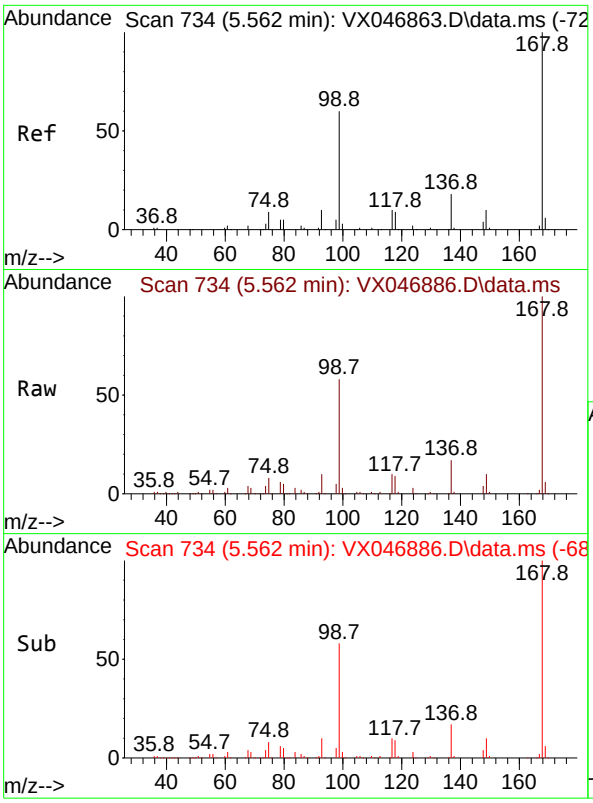
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Time: Jul 04 01:32:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



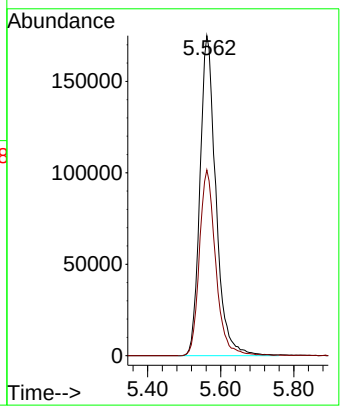


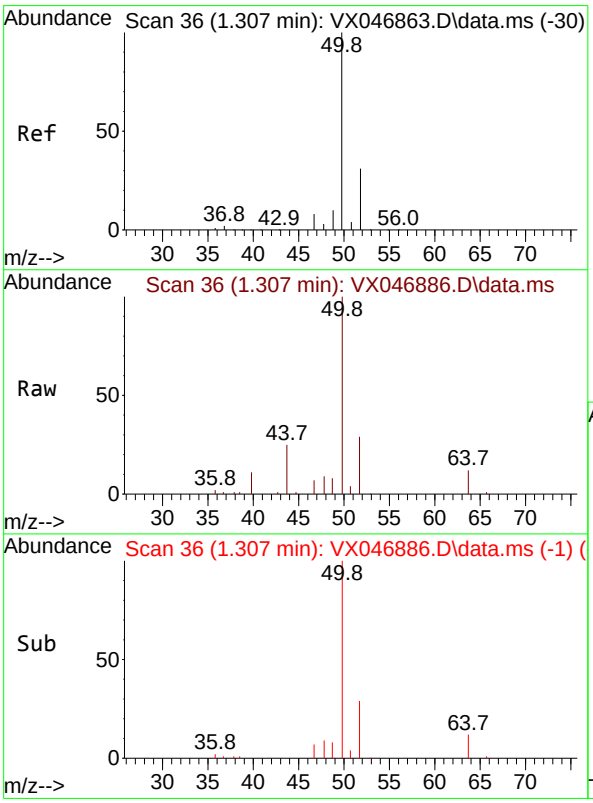
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion:168 Resp: 529972

Ion	Ratio	Lower	Upper
168	100		
99	58.1	48.8	73.2

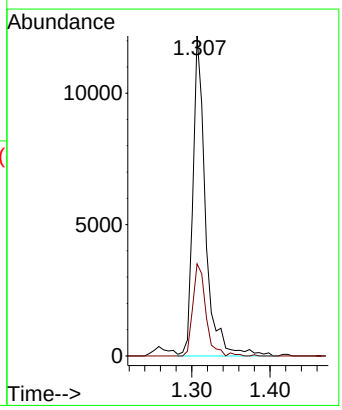


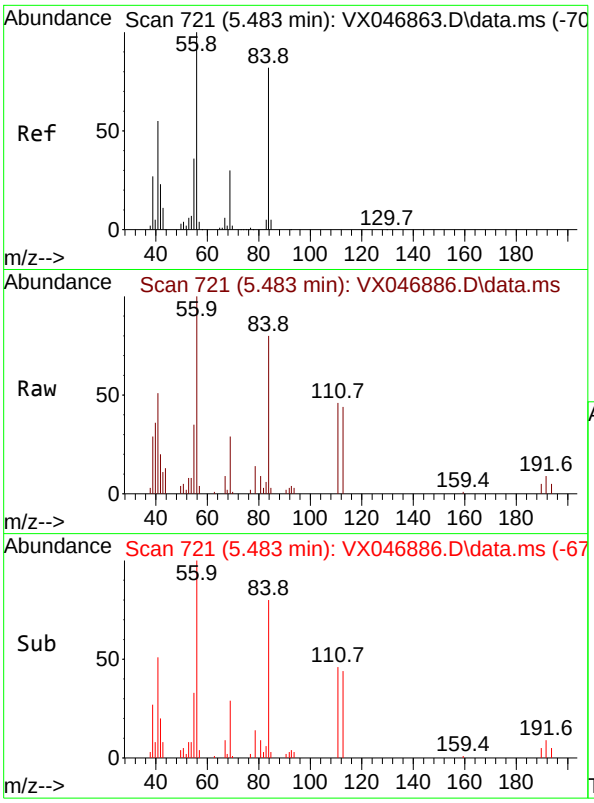


#3
Chloromethane
Concen: 2.478 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 50 Resp: 13721

Ion	Ratio	Lower	Upper
50	100		
52	28.8	25.0	37.4



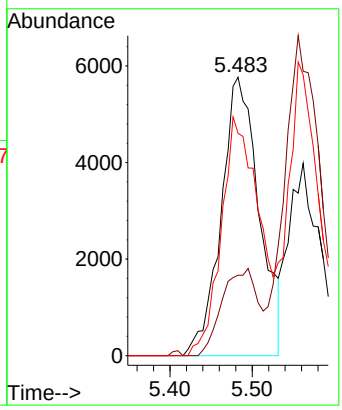


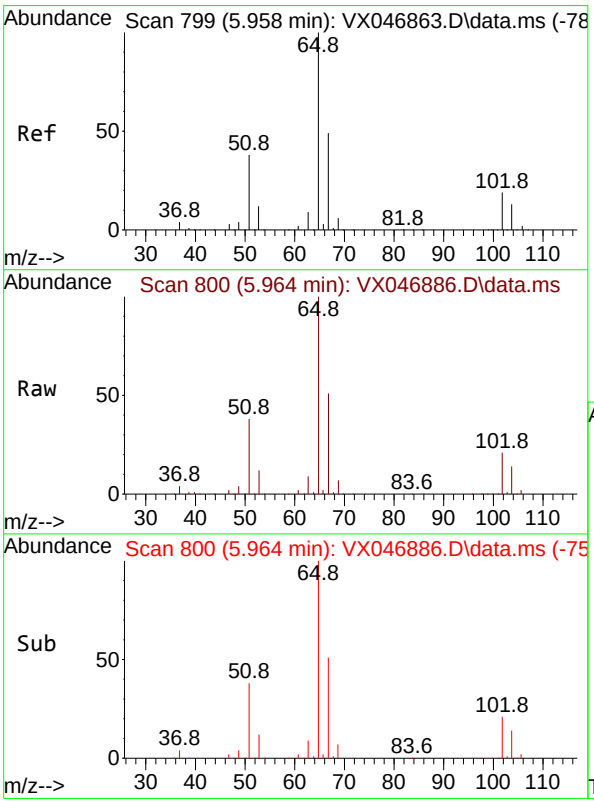
#31
Cyclohexane
Concen: 1.852 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion: 56 Resp: 18536

Ion	Ratio	Lower	Upper
56	100		
69	27.2	24.0	36.0
84	83.0	66.5	99.7

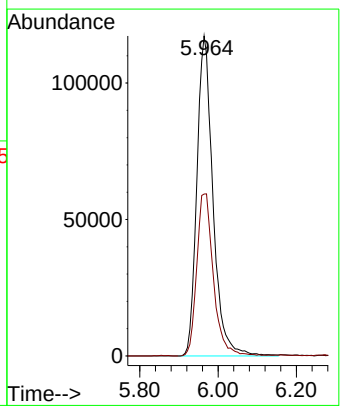


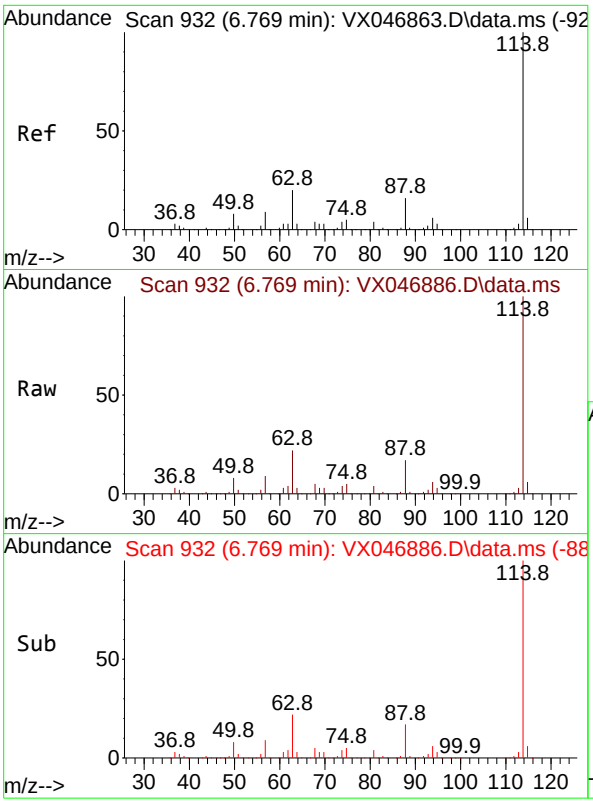


#33
1,2-Dichloroethane-d4
Concen: 47.867 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 65 Resp: 335135

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.2



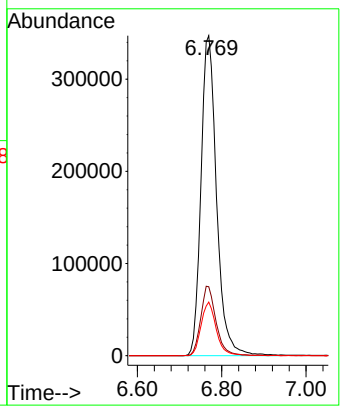


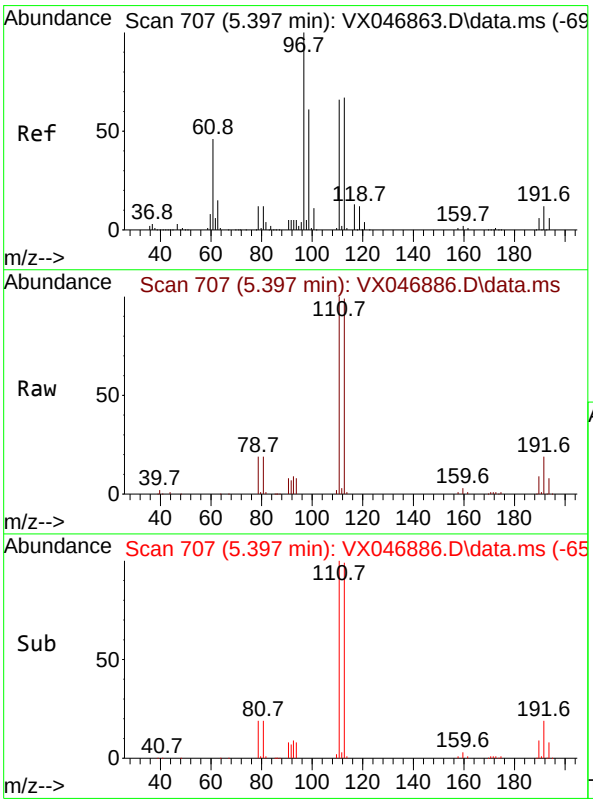
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion:114 Resp: 893199

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	16.7	0.0	31.0

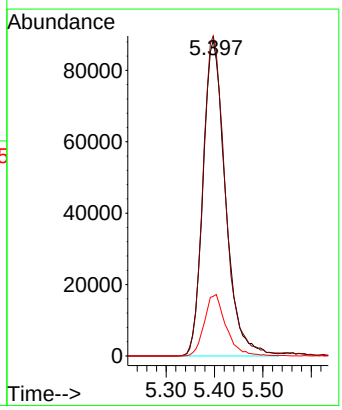




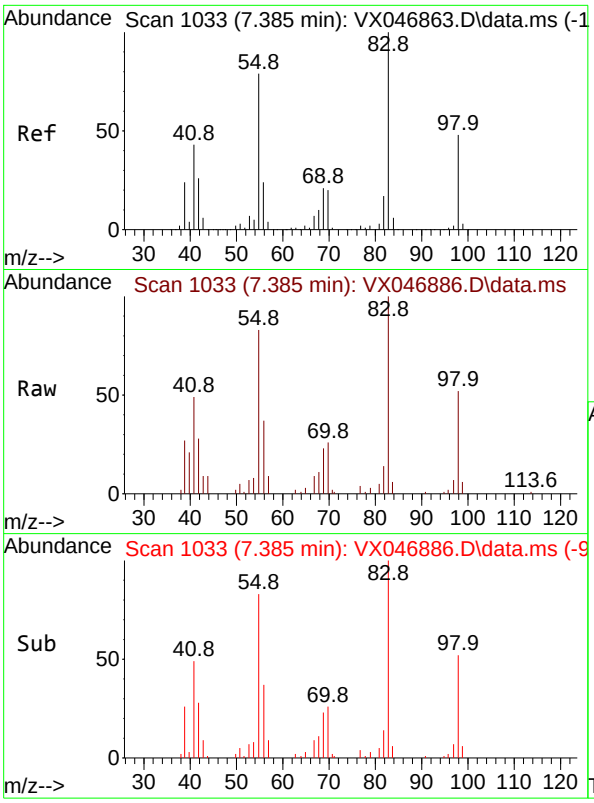
#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion:113 Resp: 285078

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.2	121.8
192	18.9	15.3	22.9



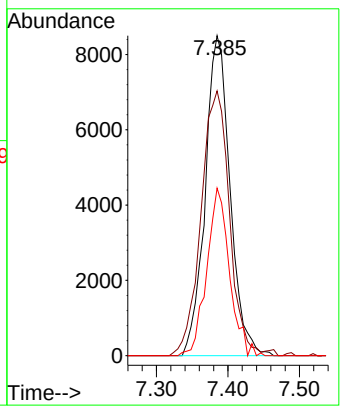
Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

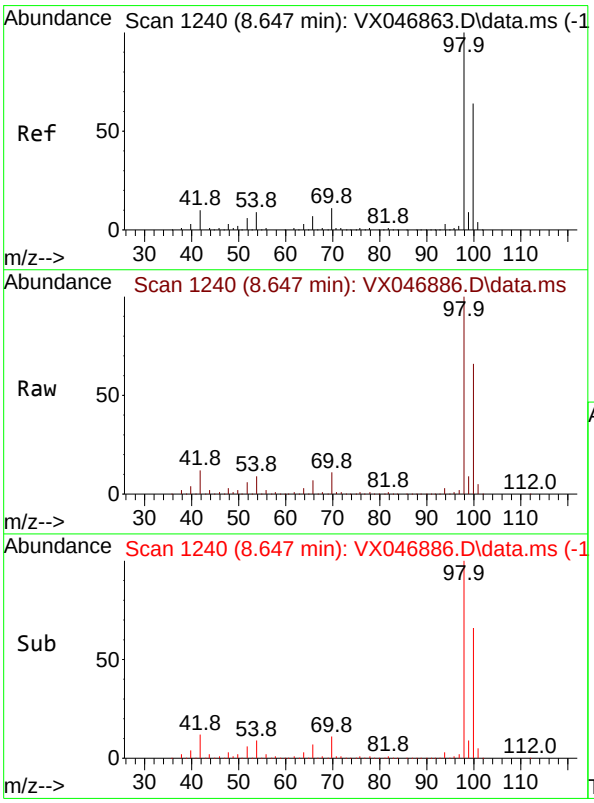


#39
Methylcyclohexane
Concen: 2.009 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 83 Resp: 20561

Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.0	94.4
98	49.4	38.5	57.7

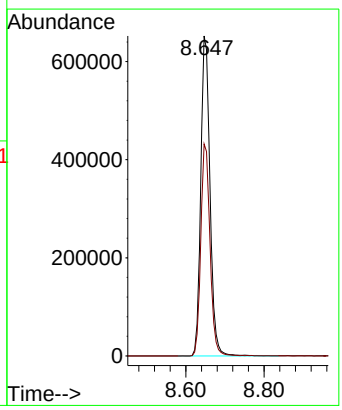


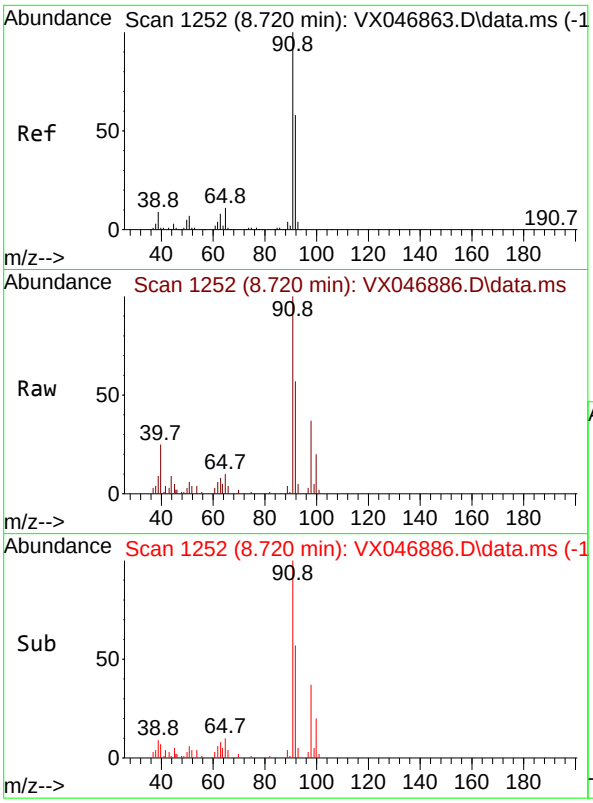


#50
Toluene-d8
Concen: 49.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 98 Resp: 1067887

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6



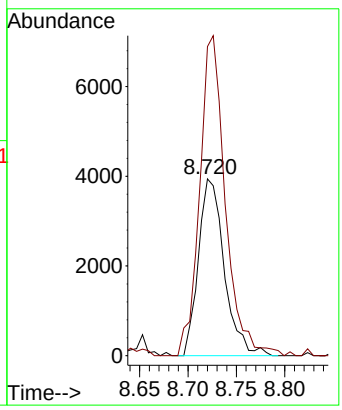


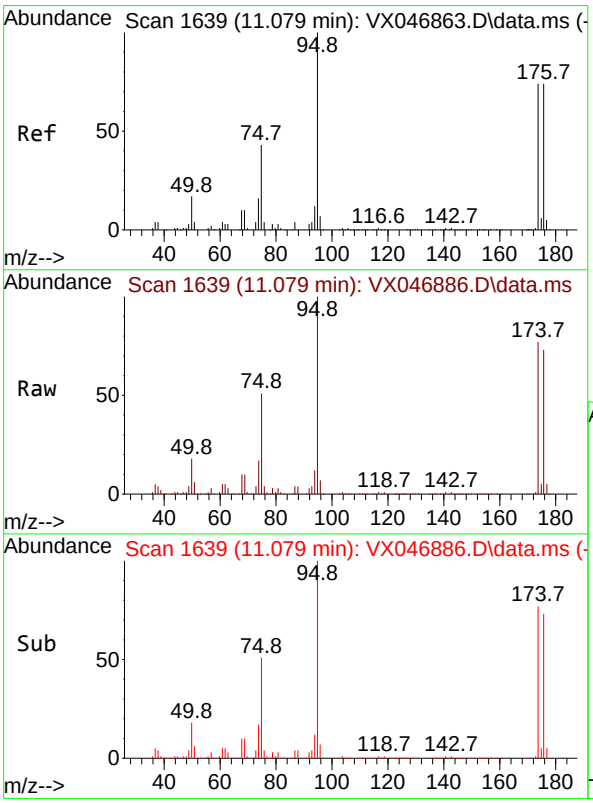
#52
Toluene
Concen: 0.480 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion: 92 Resp: 7353

Ion	Ratio	Lower	Upper
92	100		
91	179.5	137.9	206.9

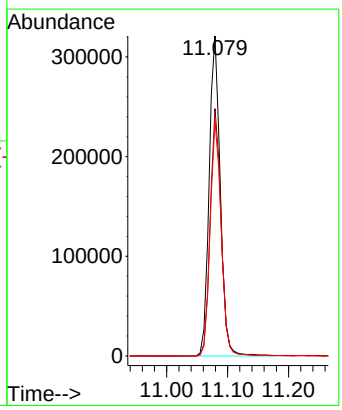


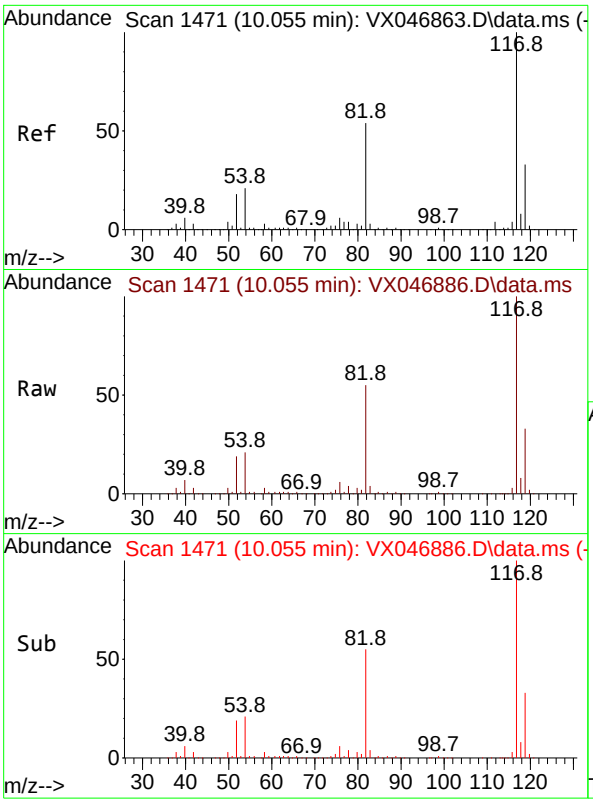


#62
4-Bromofluorobenzene
Concen: 50.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 95 Resp: 407032

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	152.0
176	72.8	0.0	145.2



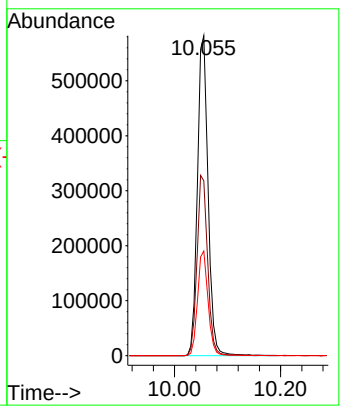


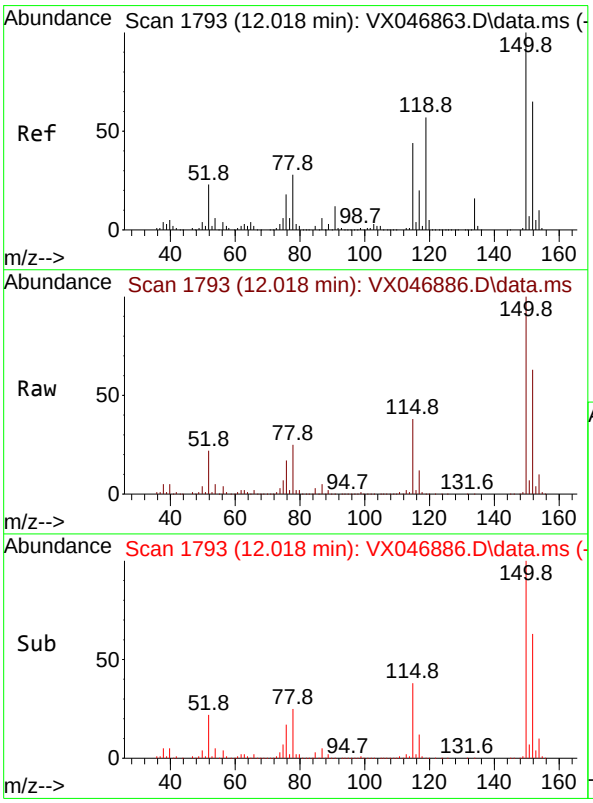
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion:117 Resp: 813566

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.3	64.9
119	32.7	26.4	39.6

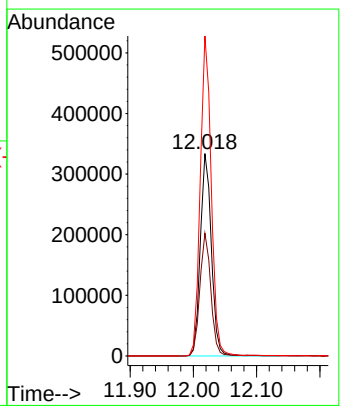




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion:152 Resp: 408234

Ion	Ratio	Lower	Upper
152	100		
115	60.1	42.4	127.1
150	156.3	0.0	349.2



Sample Results: **VX046886.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	25	28	34	rBV	17094	28913	1.03%	0.183%
2	2.800	272	281	293	rBV2	13645	38344	1.37%	0.243%
3	3.117	324	333	344	rBV3	22014	55380	1.97%	0.351%
4	4.318	521	530	543	rVB5	27643	85945	3.06%	0.545%
5	5.397	696	707	717	rBV2	290178	915437	32.64%	5.807%
6	5.562	725	734	764	rVB	514507	1605732	57.25%	10.185%
7	5.964	790	800	825	rVV	320868	931324	33.21%	5.907%
8	6.166	825	833	842	rVV5	16108	52159	1.86%	0.331%
9	6.269	843	850	858	rVV4	15439	47746	1.70%	0.303%
10	6.361	858	865	880	rVB7	18772	59339	2.12%	0.376%
11	6.769	922	932	955	rBV	811997	2087158	74.42%	13.239%
12	7.385	1023	1033	1044	rBV4	46971	126487	4.51%	0.802%
13	8.647	1234	1240	1249	rBV	1715493	2804696	100.00%	17.790%
14	8.720	1249	1252	1258	rVB	17506	28552	1.02%	0.181%
15	10.055	1465	1471	1488	rBV	1740730	2487169	88.68%	15.776%
16	11.079	1634	1639	1655	rBV	1526833	1932563	68.90%	12.258%
17	12.018	1788	1793	1812	rBV	2019519	2478209	88.36%	15.720%

Sum of corrected areas: 15765153

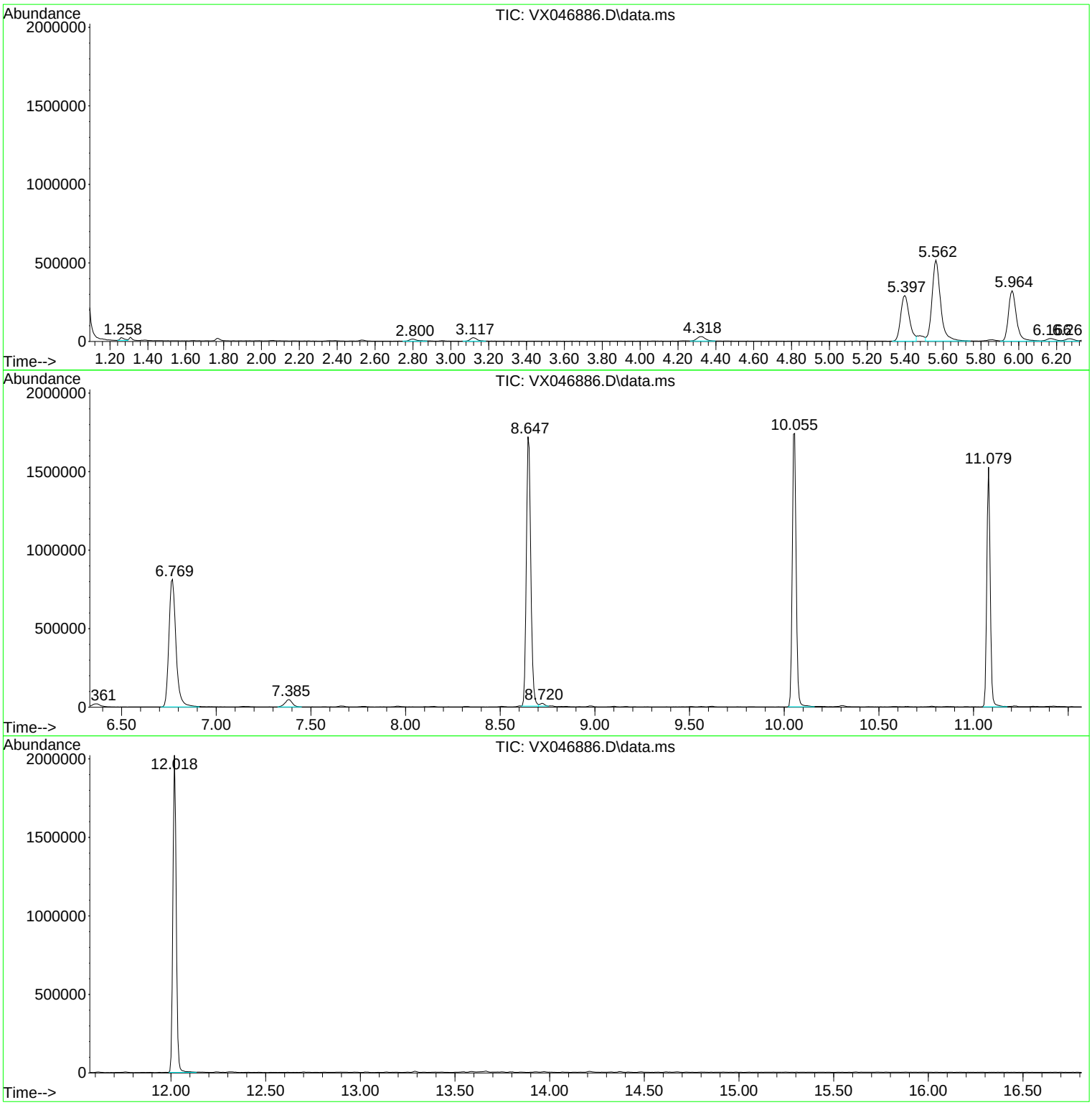
Sample Results: **VX046886.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Time: Jul 04 01:33:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

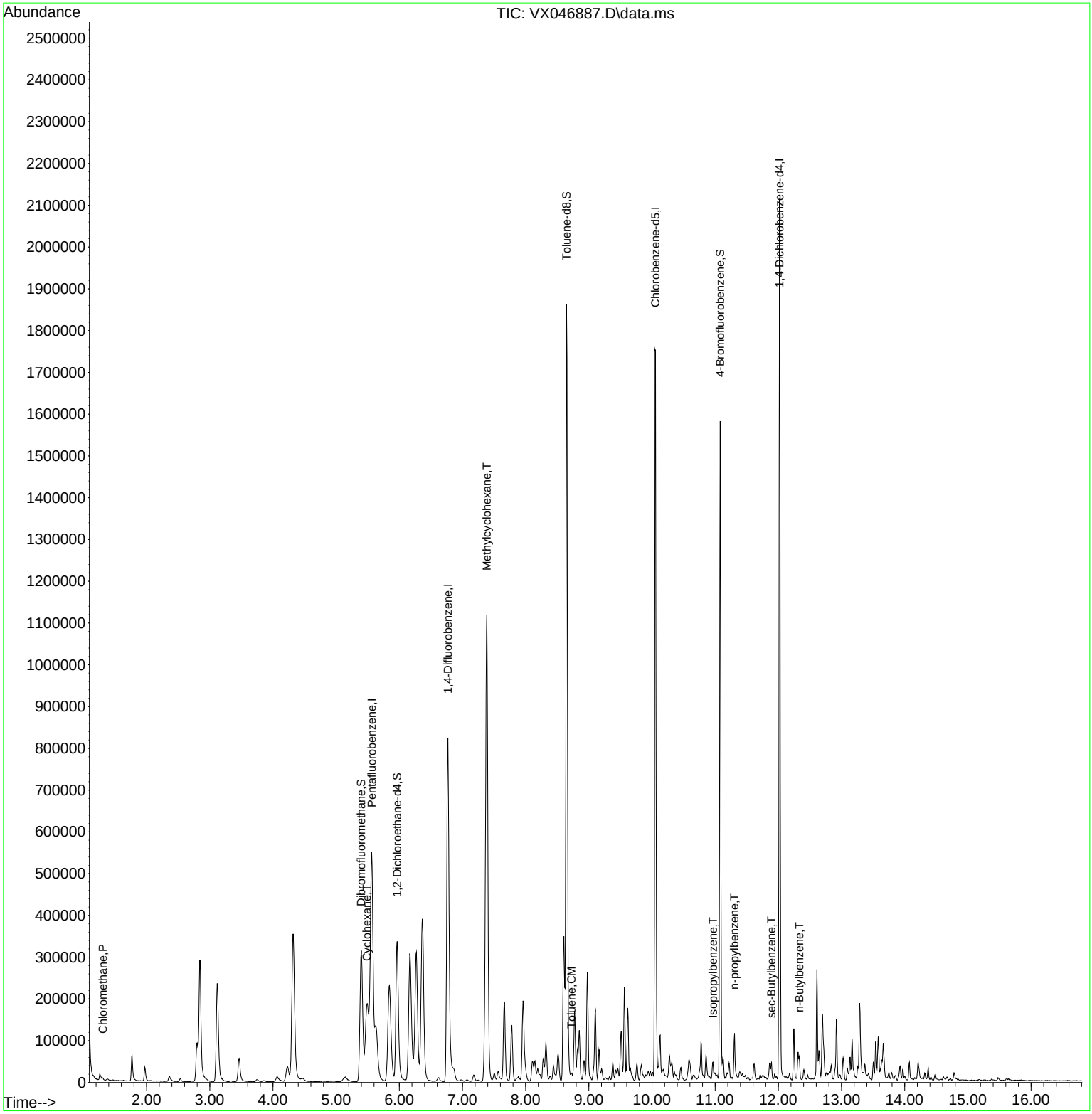
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	551922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	910736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	827841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	418170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	348246	47.761	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.520%			
35) Dibromofluoromethane	5.397	113	298561	48.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	8.647	98	1074386	49.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.520%			
62) 4-Bromofluorobenzene	11.079	95	424937	51.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.520%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	2895	0.502	ug/l	97
31) Cyclohexane	5.483	56	146832	14.088	ug/l	97
39) Methylcyclohexane	7.385	83	510352	48.913	ug/l	97
52) Toluene	8.726	92	5856	0.375	ug/l	95
73) Isopropylbenzene	10.964	105	21739	0.740	ug/l	100
78) n-propylbenzene	11.305	91	69597	1.963	ug/l	99
85) sec-Butylbenzene	11.890	105	18826	0.605	ug/l	95
89) n-Butylbenzene	12.329	91	23191	0.948	ug/l	93

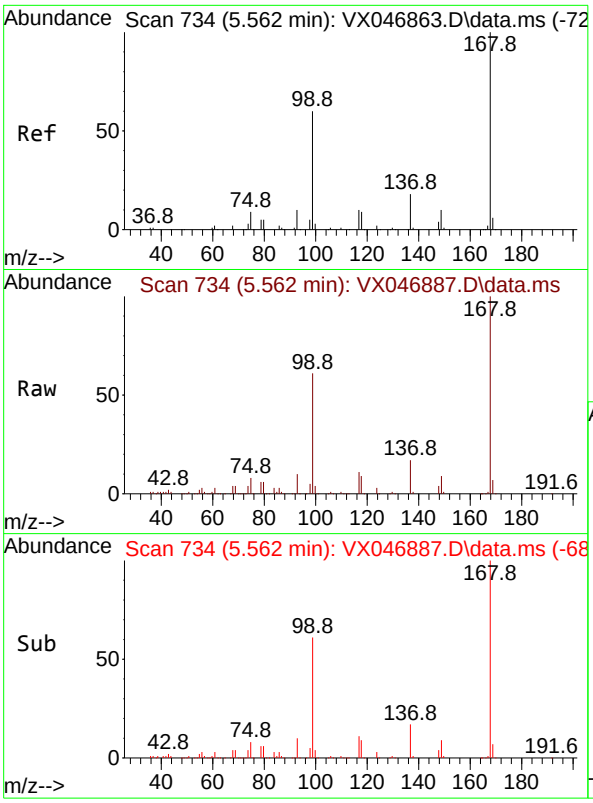
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Time: Jul 04 01:33:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



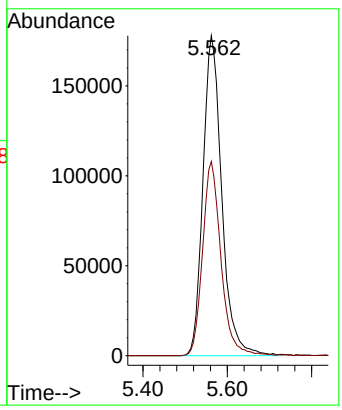


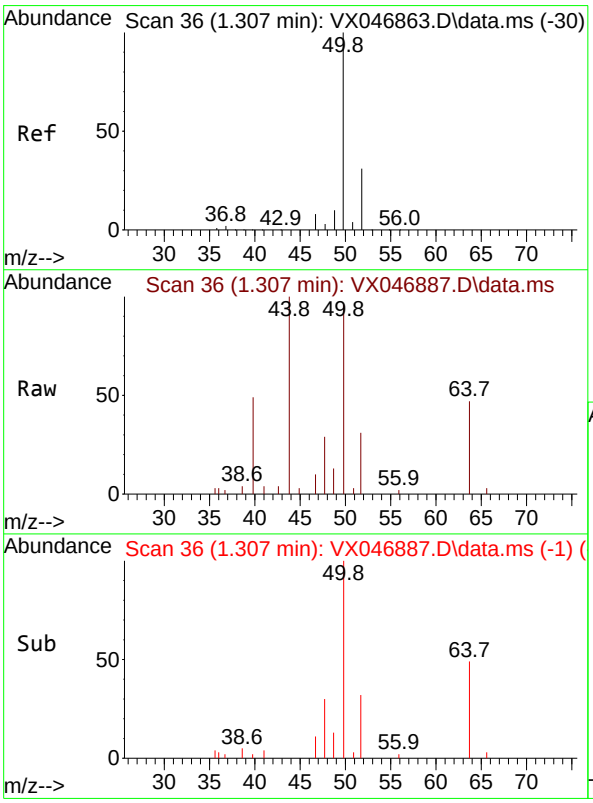
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:168 Resp: 551922

Ion	Ratio	Lower	Upper
168	100		
99	60.7	48.8	73.2

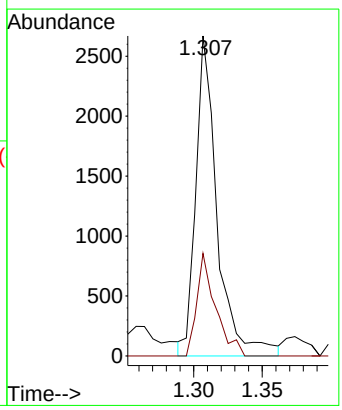


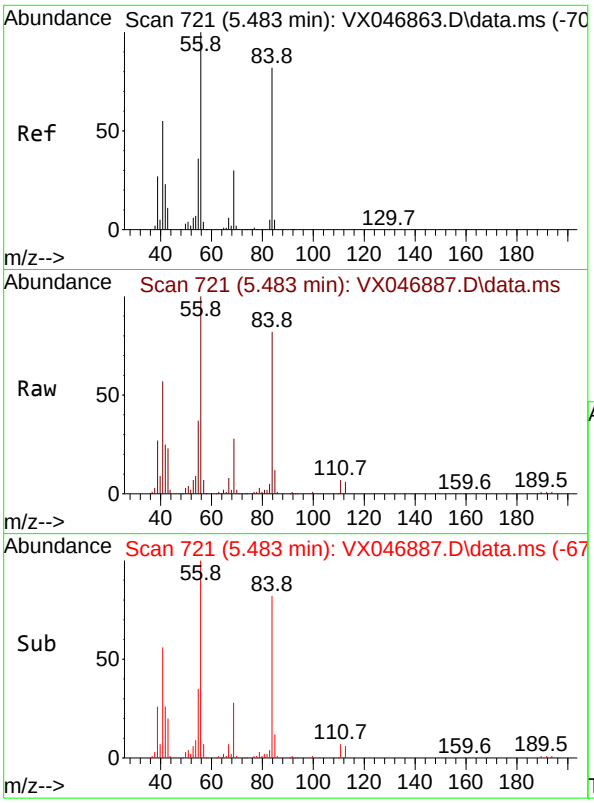


#3
Chloromethane
Concen: 0.502 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 50 Resp: 2895

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.0	37.4



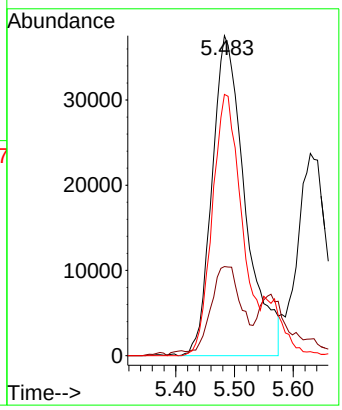


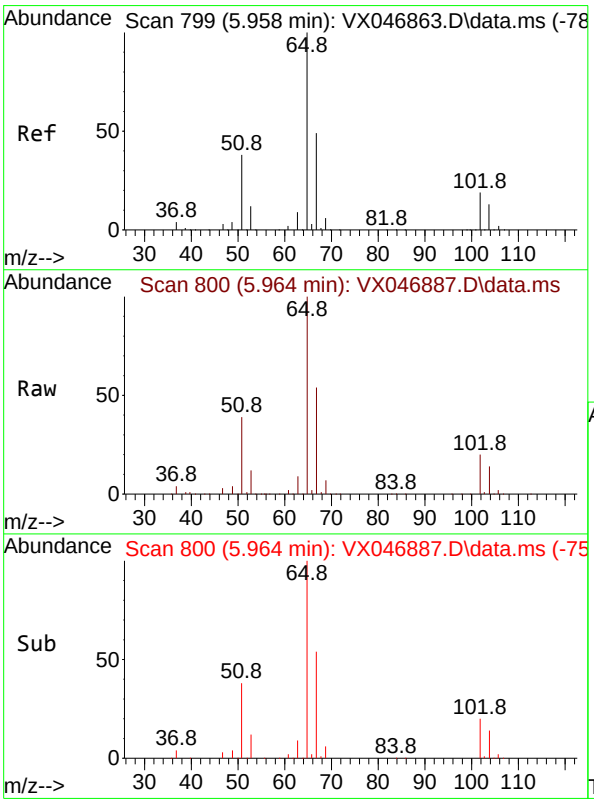
#31
Cyclohexane
Concen: 14.088 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion: 56 Resp: 146832

Ion	Ratio	Lower	Upper
56	100		
69	26.4	24.0	36.0
84	81.6	66.5	99.7

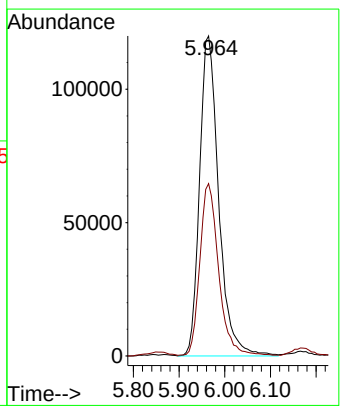


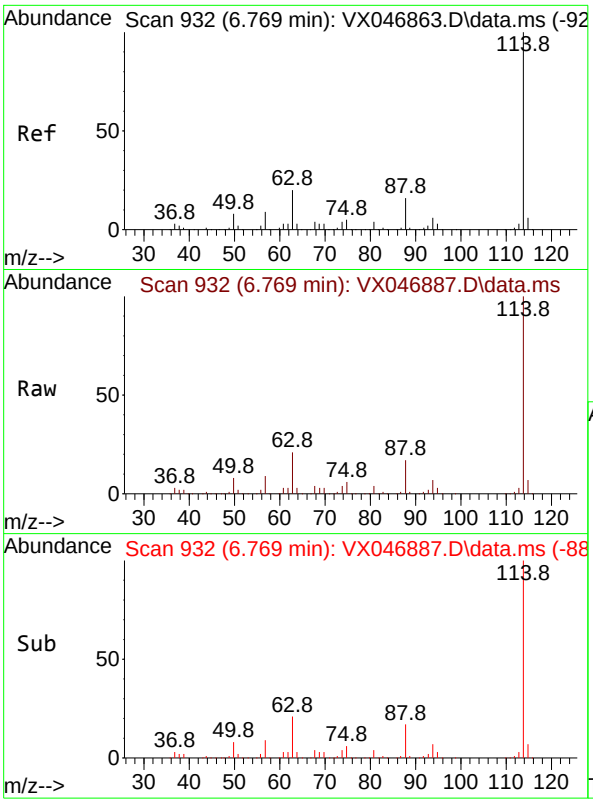


#33
1,2-Dichloroethane-d4
Concen: 47.761 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 65 Resp: 348246

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.2



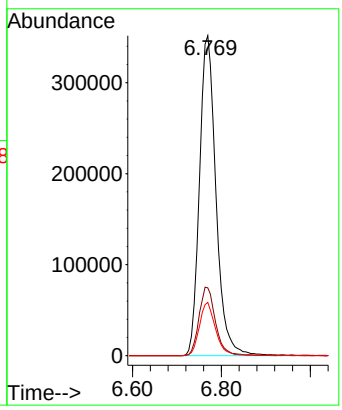


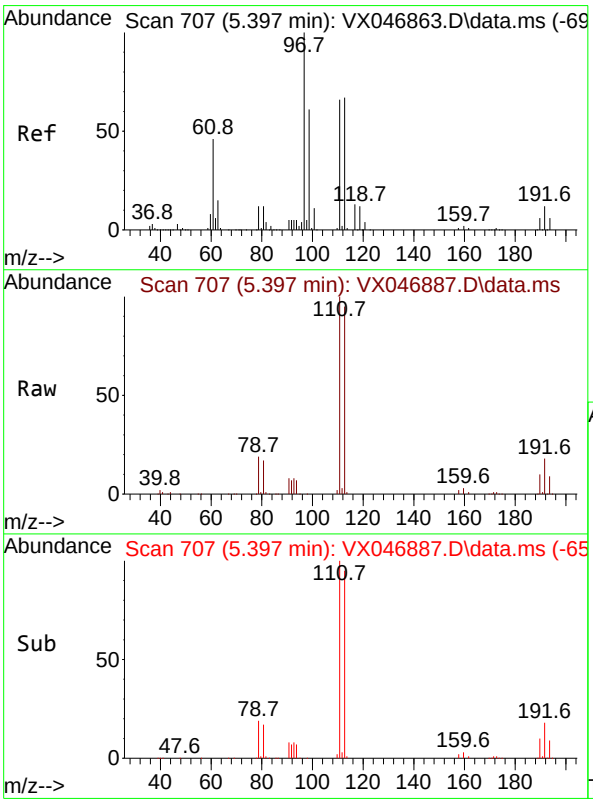
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:114 Resp: 910736

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.4
88	16.6	0.0	31.0

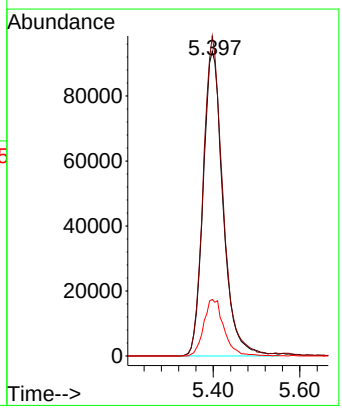


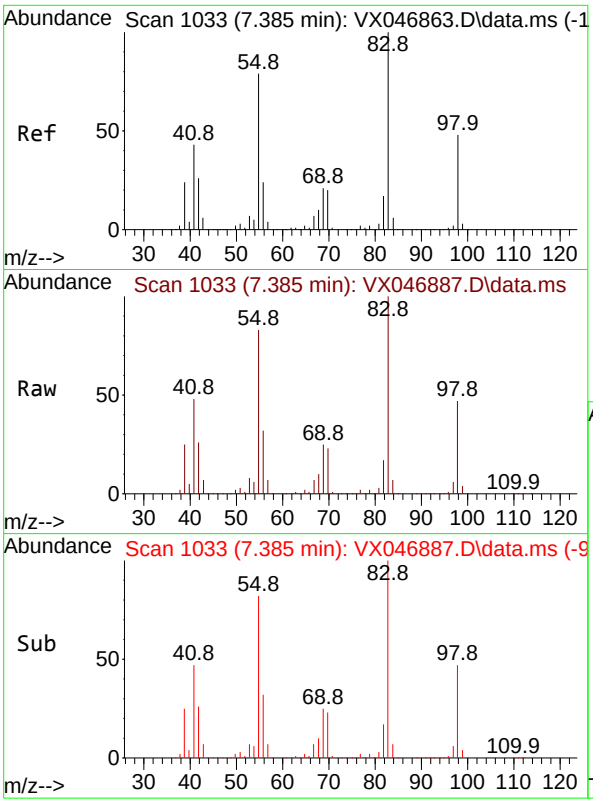


#35
Dibromofluoromethane
Concen: 48.294 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion:113 Resp: 298561

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.2	121.8
192	18.9	15.3	22.9



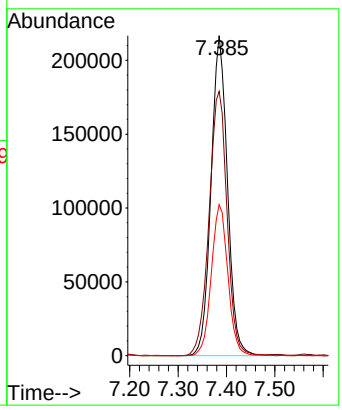


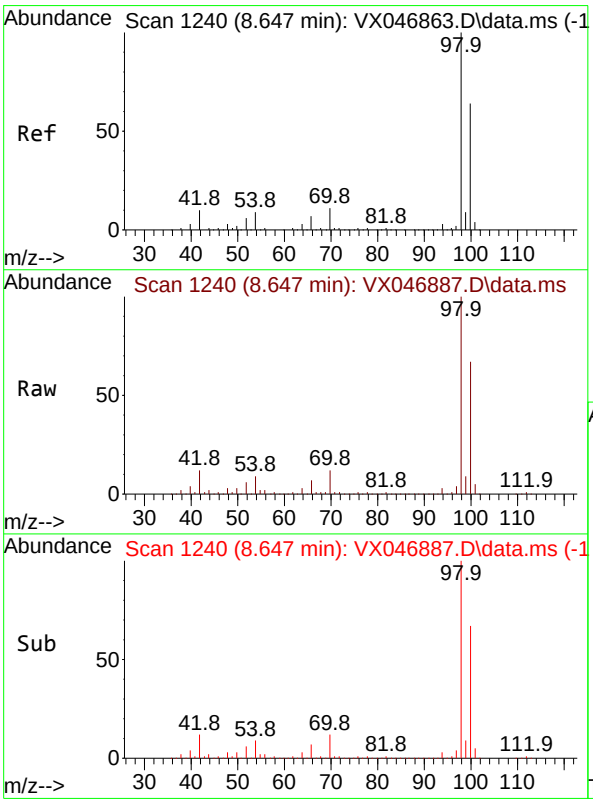
#39
Methylcyclohexane
Concen: 48.913 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion: 83 Resp: 510352

Ion	Ratio	Lower	Upper
83	100		
55	82.6	63.0	94.4
98	47.2	38.5	57.7

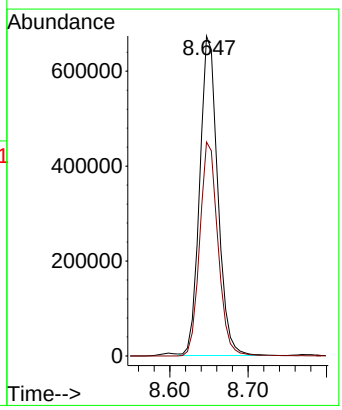


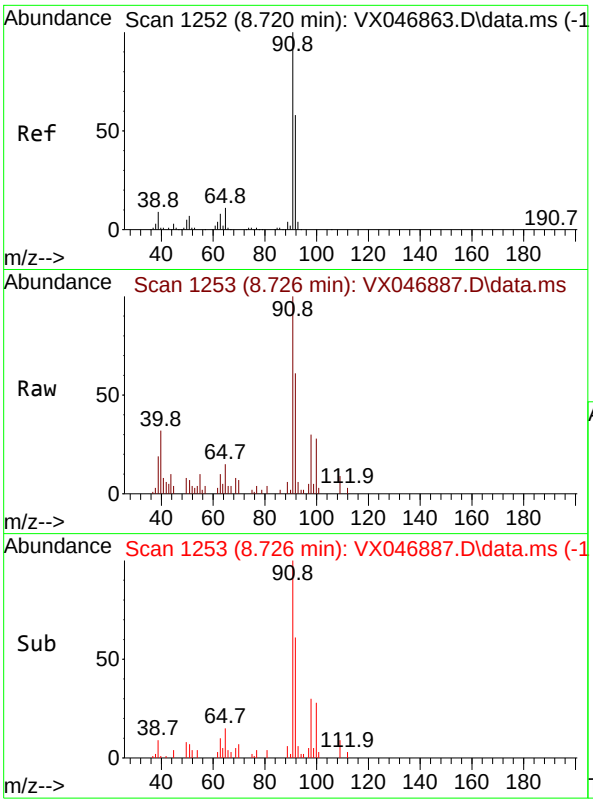


#50
Toluene-d8
Concen: 49.257 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 98 Resp: 1074386

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.6



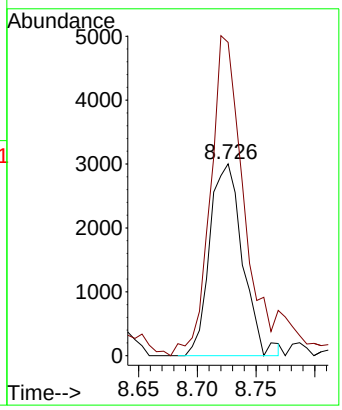


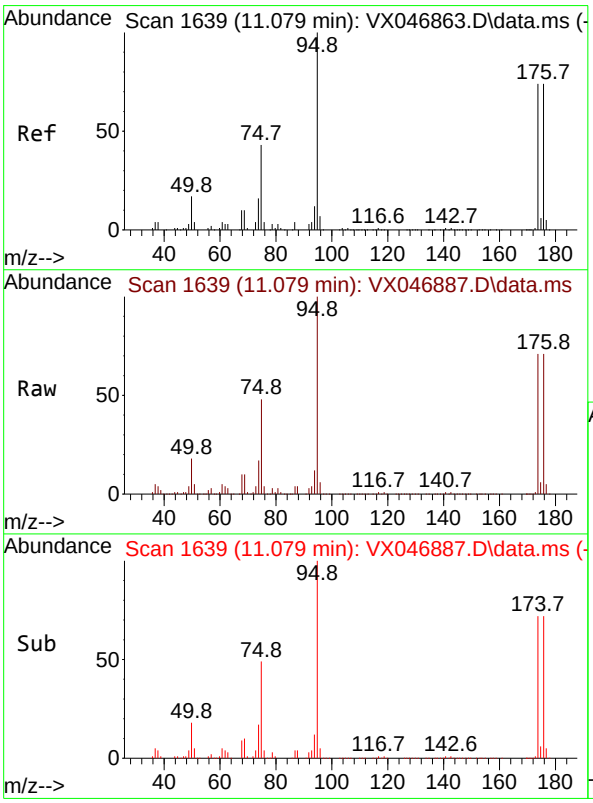
#52
Toluene
Concen: 0.375 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion: 92 Resp: 5856

Ion	Ratio	Lower	Upper
92	100		
91	164.9	137.9	206.9

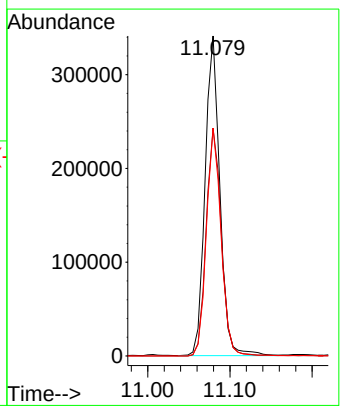


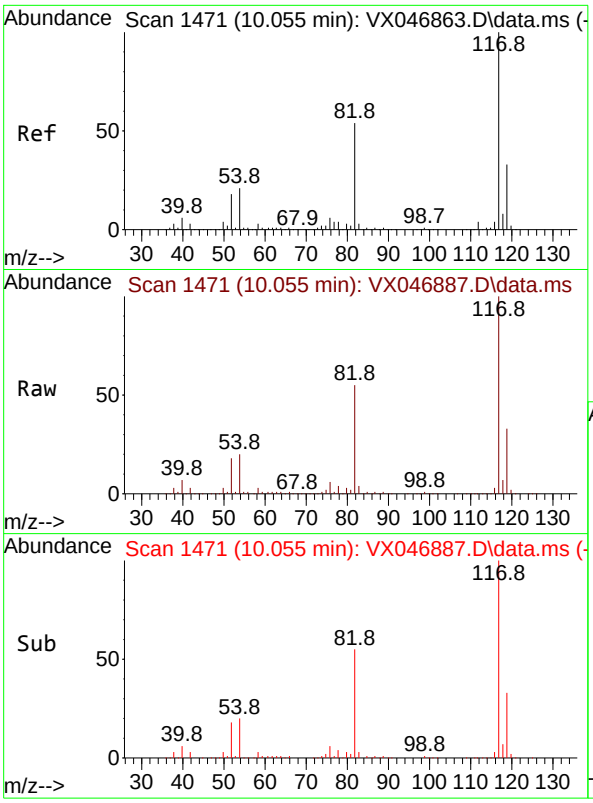


#62
4-Bromofluorobenzene
Concen: 51.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 95 Resp: 424937

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	152.0
176	70.6	0.0	145.2



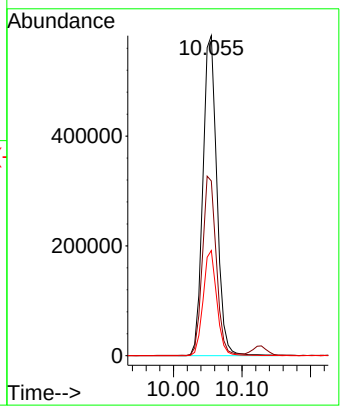


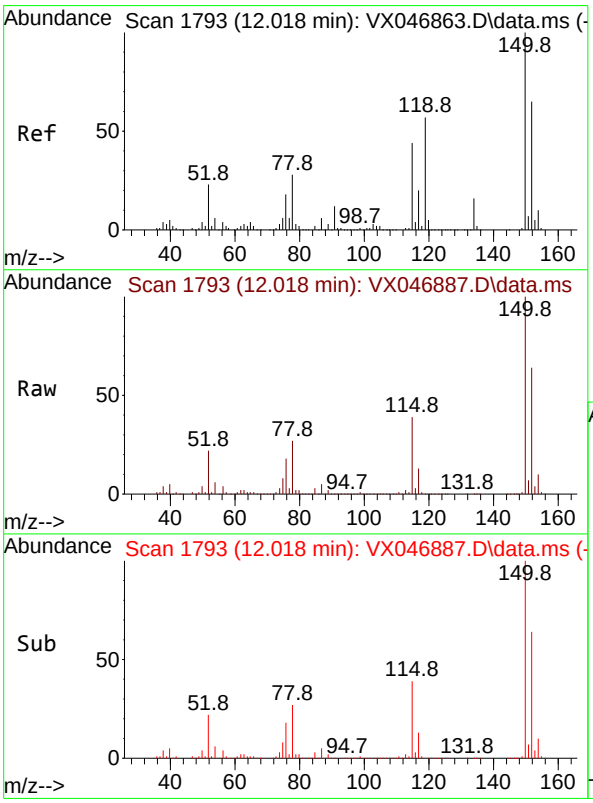
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:117 Resp: 827841

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.9	26.4	39.6

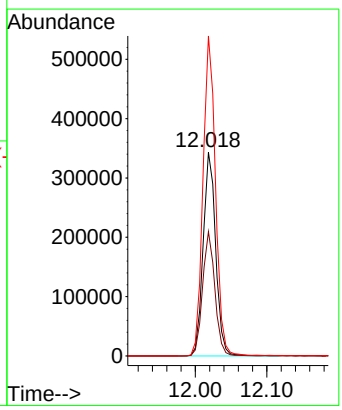


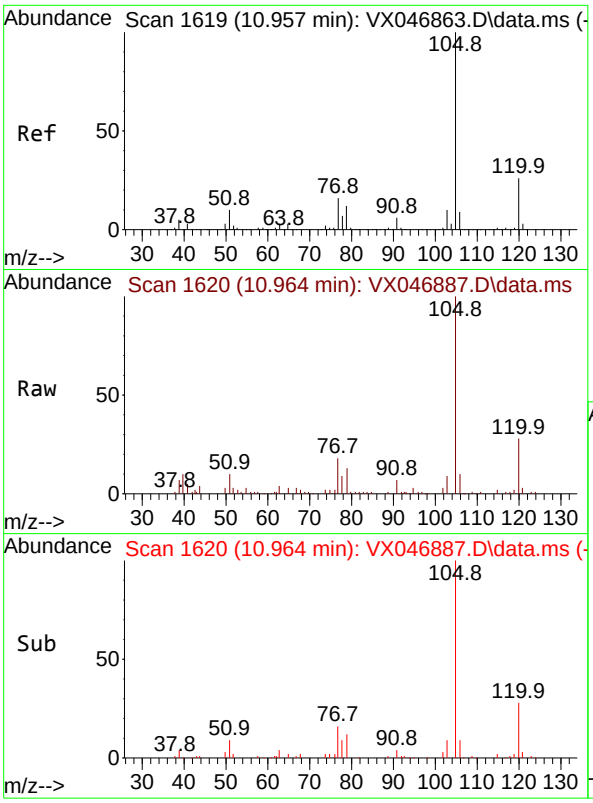


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion:152 Resp: 418170

Ion	Ratio	Lower	Upper
152	100		
115	60.1	42.4	127.1
150	157.4	0.0	349.2



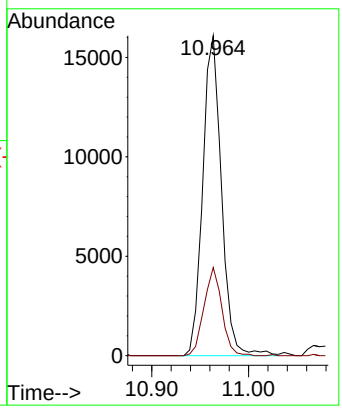


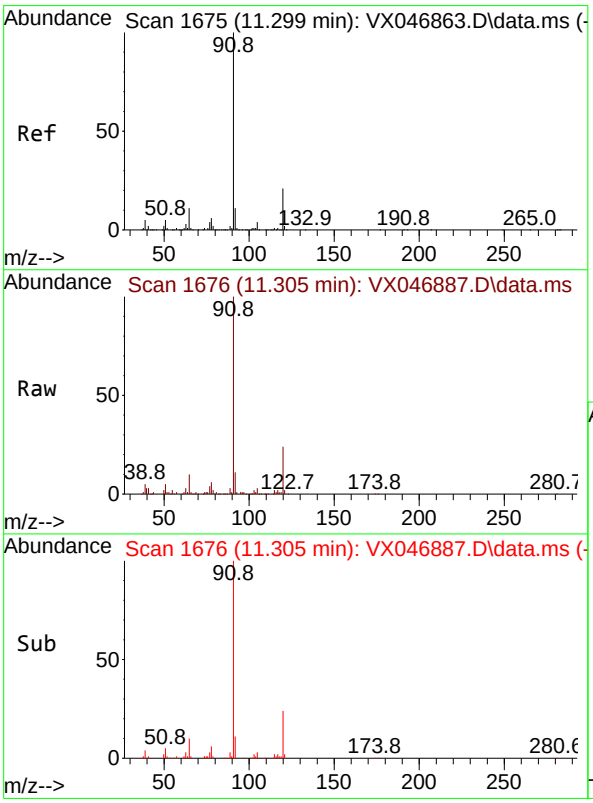
#73
Isopropylbenzene
Concen: 0.740 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:105 Resp: 21739

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.5

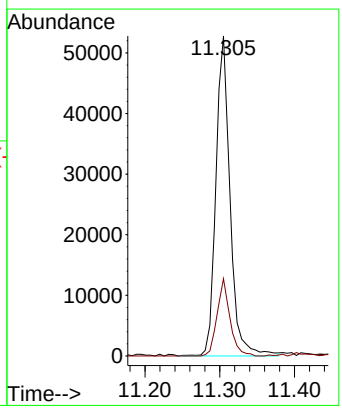


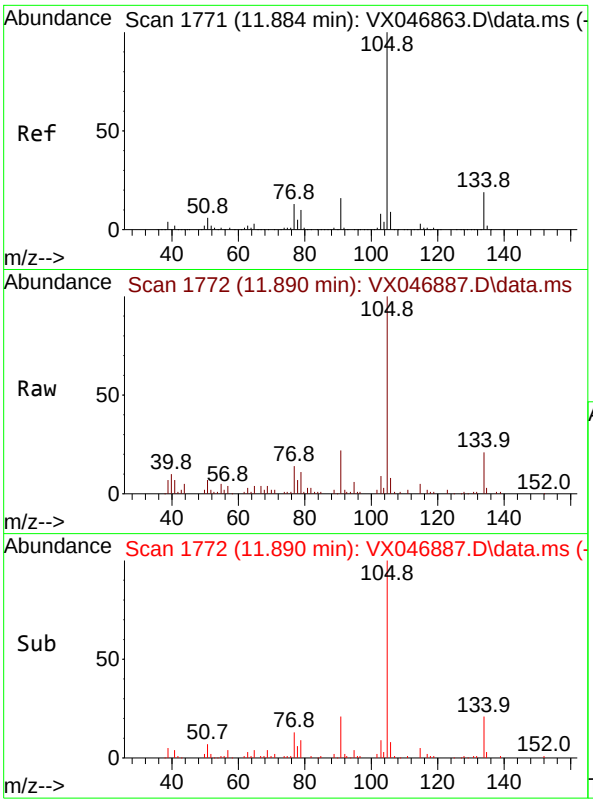


#78
n-propylbenzene
Concen: 1.963 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 91 Resp: 69597

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.2	33.5



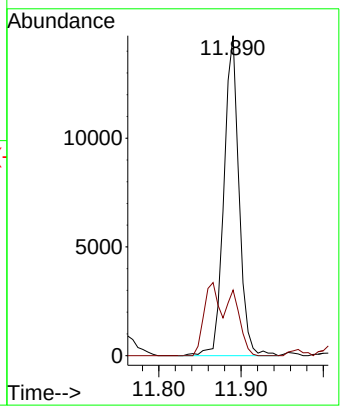


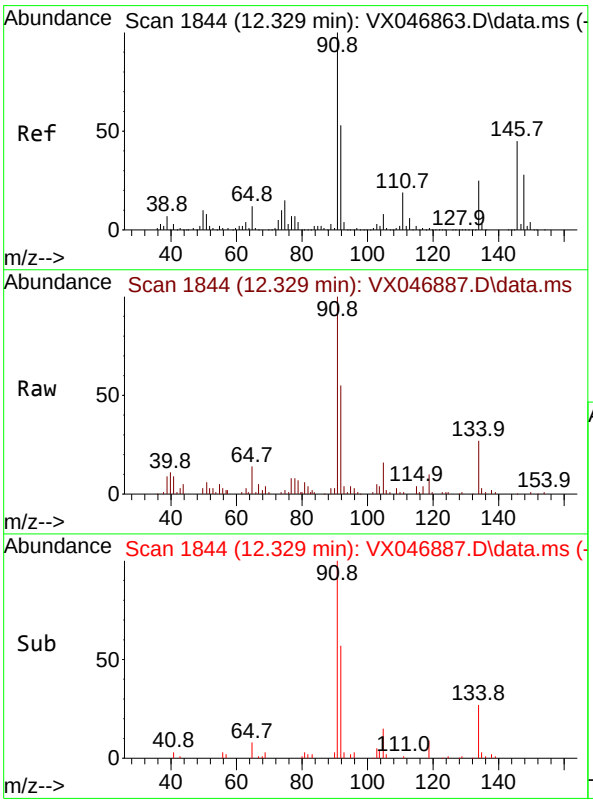
#85
sec-Butylbenzene
Concen: 0.605 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:105 Resp: 18826

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.9	29.7

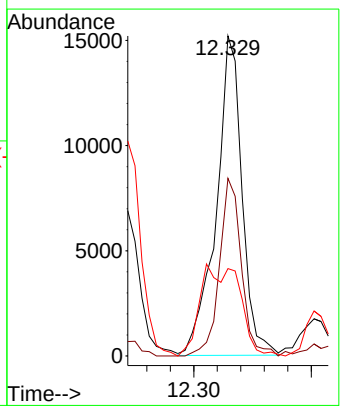




#89
n-Butylbenzene
Concen: 0.948 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 91 Resp: 23191

Ion	Ratio	Lower	Upper
91	100		
92	47.3	27.0	81.0
134	24.2	12.8	38.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046887.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	106	112	124	rBV	61111	103750	3.44%	0.300%
2	1.971	140	145	155	rBV2	32875	52918	1.76%	0.153%
3	2.361	202	209	221	rVB4	11666	31741	1.05%	0.092%
4	2.800	272	281	283	rBV2	92292	192344	6.38%	0.557%
5	2.843	283	288	311	rVB	290153	696670	23.11%	2.017%
6	3.117	323	333	352	rBV	234863	599952	19.90%	1.737%
7	3.465	382	390	405	rBV2	55560	140814	4.67%	0.408%
8	4.062	479	488	505	rBV3	12300	46891	1.56%	0.136%
9	4.227	505	515	521	rBV4	35932	108234	3.59%	0.313%
10	4.318	521	530	547	rVB	347552	1066290	35.36%	3.087%
11	5.148	652	666	681	rBV3	11158	50887	1.69%	0.147%
12	5.397	695	707	715	rBV2	313746	968423	32.12%	2.803%
13	5.495	715	723	726	rVV2	123519	363862	12.07%	1.053%
14	5.562	727	734	742	rVB	427473	1183253	39.24%	3.425%
15	5.843	767	780	792	rBV4	228108	801442	26.58%	2.320%
16	5.964	792	800	821	rVV	333418	957855	31.77%	2.773%
17	6.166	823	833	842	rVV2	304237	946190	31.38%	2.739%
18	6.269	842	850	858	rVV2	307495	924578	30.66%	2.676%
19	6.367	858	866	882	rVB2	387159	1160600	38.49%	3.360%
20	6.769	922	932	958	rBV	822905	2232973	74.06%	6.464%
21	7.178	991	999	1006	rBV4	15346	35647	1.18%	0.103%
22	7.385	1020	1033	1047	rBV	1116723	2906975	96.41%	8.415%
23	7.501	1047	1052	1057	rVV4	17681	38646	1.28%	0.112%
24	7.568	1057	1063	1071	rVV3	22369	56510	1.87%	0.164%
25	7.659	1071	1078	1090	rVB	188976	403305	13.38%	1.167%
26	7.781	1090	1098	1107	rBV	131439	275286	9.13%	0.797%
27	7.958	1120	1127	1144	rVB2	192294	473873	15.72%	1.372%
28	8.110	1144	1152	1155	rBV2	47532	105411	3.50%	0.305%
29	8.147	1155	1158	1162	rVB2	31322	46029	1.53%	0.133%
30	8.275	1175	1179	1182	rBV2	47443	78550	2.61%	0.227%
31	8.318	1182	1186	1193	rVB3	84396	165522	5.49%	0.479%
32	8.440	1201	1206	1212	rBV	33112	66599	2.21%	0.193%
33	8.513	1213	1218	1226	rVB4	65171	137039	4.54%	0.397%
34	8.604	1226	1233	1236	rBV2	345409	690201	22.89%	1.998%
35	8.647	1236	1240	1250	rVB	1843574	3015173	100.00%	8.728%
36	8.775	1255	1261	1265	rVV2	163807	290490	9.63%	0.841%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

37	8.818	1265	1268	1270	rVV2	72069	110655	3.67%	0.320%
38	8.848	1270	1273	1280	rVV2	117712	187411	6.22%	0.542%
39	8.921	1280	1285	1289	rVV	45263	78514	2.60%	0.227%
40	8.976	1289	1294	1305	rVB2	257671	447767	14.85%	1.296%
41	9.104	1305	1315	1320	rBV	166440	308262	10.22%	0.892%
42	9.159	1320	1324	1329	rVV	71833	120608	4.00%	0.349%
43	9.202	1329	1331	1337	rVB3	25612	34948	1.16%	0.101%
44	9.378	1355	1360	1364	rBV3	40342	61313	2.03%	0.177%
45	9.513	1376	1382	1386	rVV3	114510	210166	6.97%	0.608%
46	9.561	1386	1390	1394	rVV	220099	319287	10.59%	0.924%
47	9.616	1394	1399	1404	rVV2	169054	282964	9.38%	0.819%
48	9.659	1404	1406	1416	rVB5	29305	52349	1.74%	0.152%
49	9.763	1416	1423	1429	rBV2	40083	69277	2.30%	0.201%
50	9.830	1429	1434	1442	rBV6	36086	82415	2.73%	0.239%
51	10.049	1465	1470	1477	rBV	1737215	2476291	82.13%	7.168%
52	10.128	1478	1483	1487	rVB	89811	133437	4.43%	0.386%
53	10.275	1502	1507	1510	rBV2	51360	85797	2.85%	0.248%
54	10.458	1532	1537	1546	rVB2	30928	55595	1.84%	0.161%
55	10.586	1548	1558	1566	rBV6	50104	131626	4.37%	0.381%
56	10.775	1578	1589	1594	rBV2	87377	157723	5.23%	0.457%
57	10.854	1598	1602	1610	rBV5	54410	87335	2.90%	0.253%
58	10.964	1615	1620	1623	rBV	40827	61428	2.04%	0.178%
59	11.079	1634	1639	1644	rBV	1572879	1961739	65.06%	5.679%
60	11.122	1644	1646	1651	rVB3	49692	65726	2.18%	0.190%
61	11.220	1659	1662	1667	rVB2	36199	47821	1.59%	0.138%
62	11.305	1670	1676	1685	rBV	108141	153756	5.10%	0.445%
63	11.616	1722	1727	1734	rVB3	36776	57765	1.92%	0.167%
64	11.860	1761	1767	1770	rBV2	37750	64052	2.12%	0.185%
65	11.890	1770	1772	1776	rVB	40317	42019	1.39%	0.122%
66	12.018	1788	1793	1807	rBV	2106571	2551455	84.62%	7.386%
67	12.244	1825	1830	1836	rBV	123335	156927	5.20%	0.454%
68	12.311	1836	1841	1843	rBV2	63448	87709	2.91%	0.254%
69	12.402	1851	1856	1863	rBV2	22816	34628	1.15%	0.100%
70	12.610	1882	1890	1893	rBV	262547	328364	10.89%	0.950%
71	12.640	1893	1895	1900	rVV2	64023	88848	2.95%	0.257%
72	12.695	1900	1904	1912	rVV3	147658	271483	9.00%	0.786%
73	12.835	1924	1927	1932	rVB2	32552	44074	1.46%	0.128%
74	12.921	1932	1941	1947	rBV	144418	210285	6.97%	0.609%
75	13.024	1953	1958	1965	rVB3	53277	84968	2.82%	0.246%
76	13.091	1965	1969	1972	rBV	27003	39590	1.31%	0.115%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

77	13.134	1972	1976	1978	rVV	47974	58656	1.95%	0.170%
78	13.164	1978	1981	1992	rVB2	94647	141090	4.68%	0.408%
79	13.286	1997	2001	2007	rVB2	166967	246858	8.19%	0.715%
80	13.366	2012	2014	2021	rVV	34897	56897	1.89%	0.165%
81	13.506	2032	2037	2039	rBV2	41713	58328	1.93%	0.169%
82	13.542	2039	2043	2046	rVV	87873	125324	4.16%	0.363%
83	13.579	2046	2049	2053	rVV3	98547	146442	4.86%	0.424%
84	13.640	2053	2059	2060	rVV3	42541	79292	2.63%	0.230%
85	13.658	2060	2062	2072	rVB2	82445	121383	4.03%	0.351%
86	13.926	2098	2106	2110	rBV4	33114	58170	1.93%	0.168%
87	14.073	2125	2130	2137	rBV	41493	57430	1.90%	0.166%
88	14.213	2148	2153	2163	rBV3	38078	70279	2.33%	0.203%
89	14.371	2175	2179	2183	rVB3	26912	33650	1.12%	0.097%
90	14.780	2240	2246	2251	rBV2	18180	31419	1.04%	0.091%

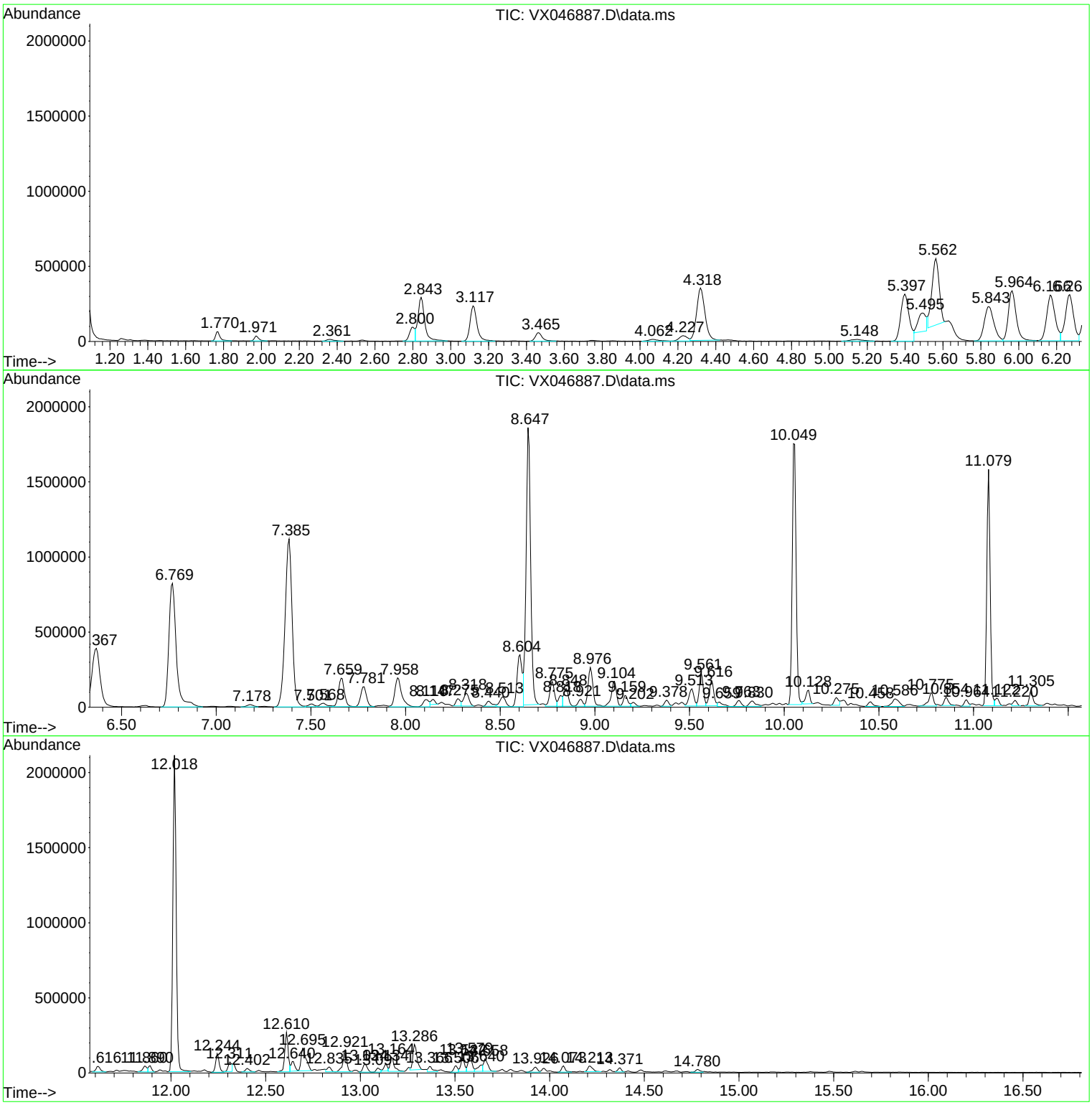
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Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

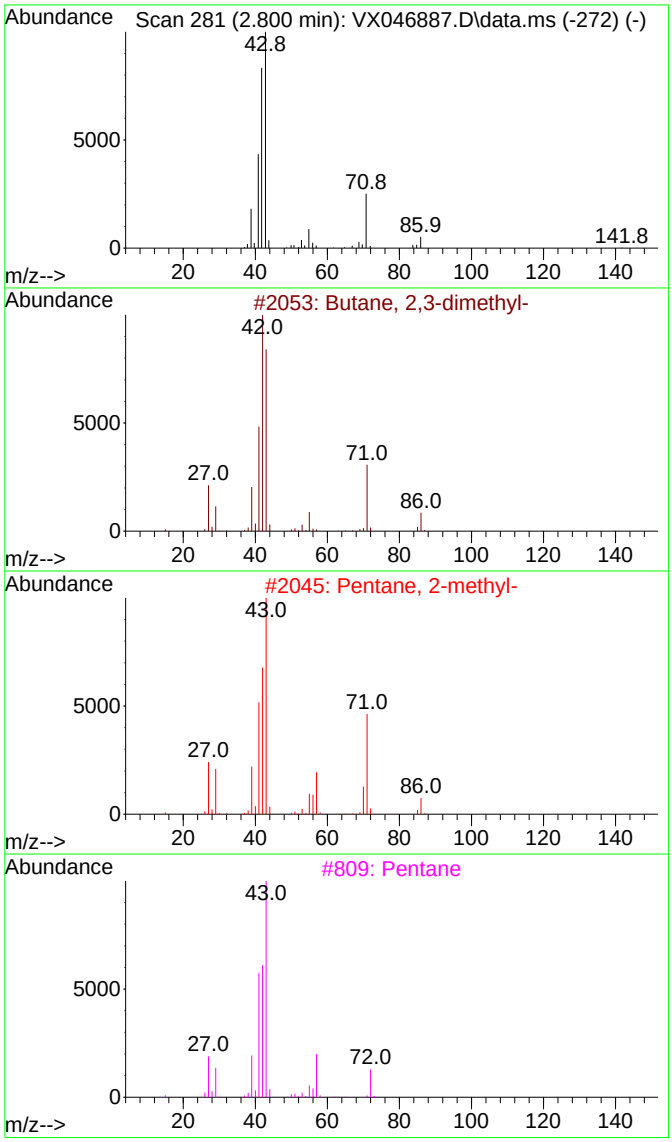
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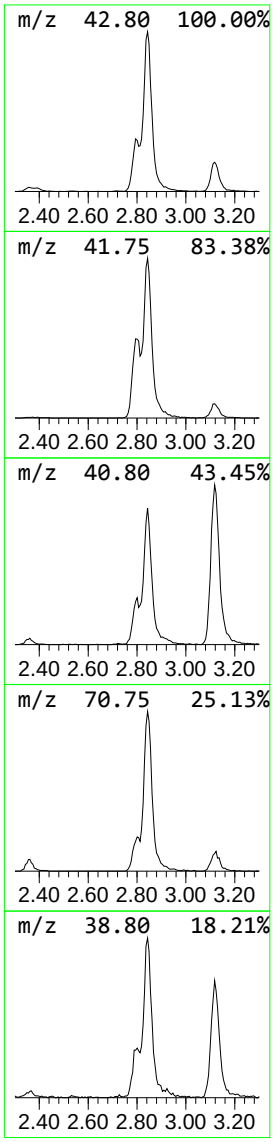
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Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.800	8.13 ug/l	192344	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3	Pentane	72	C5H12	000109-66-0	38
4	1-Pentene	70	C5H10	000109-67-1	38
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

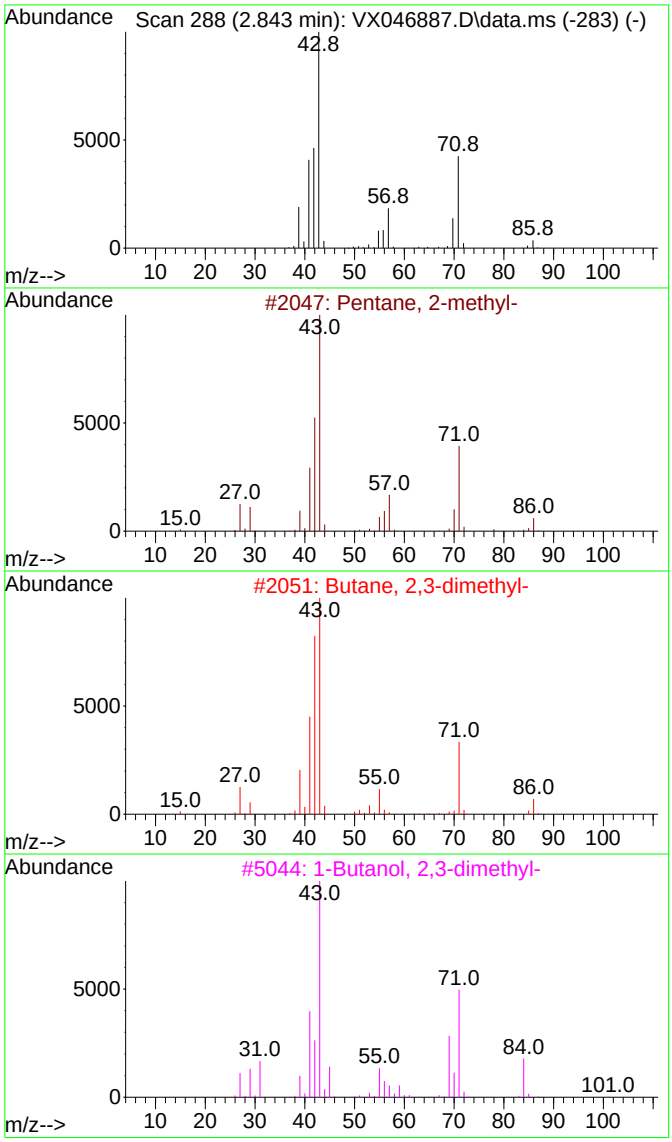
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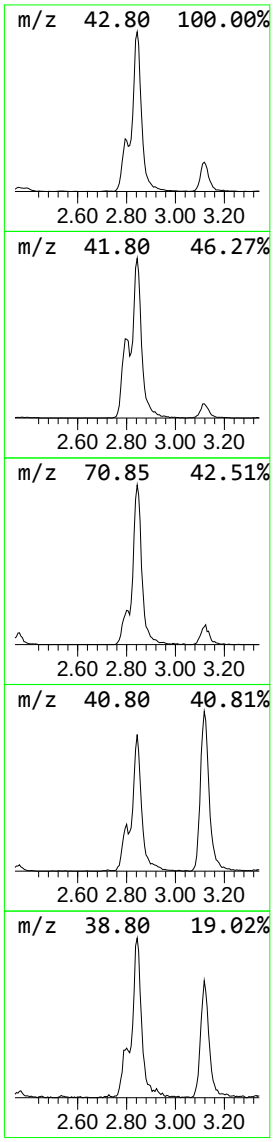
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Peak Number 2 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.843	29.44 ug/l	696670	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane	72	C5H12	000109-66-0	38
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

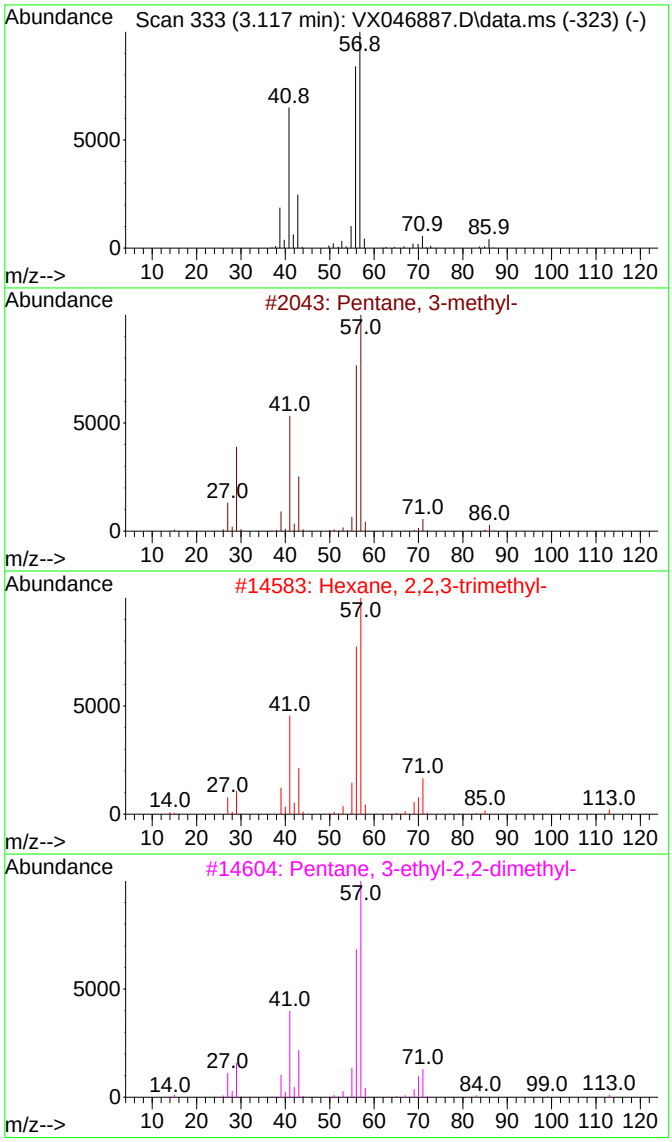
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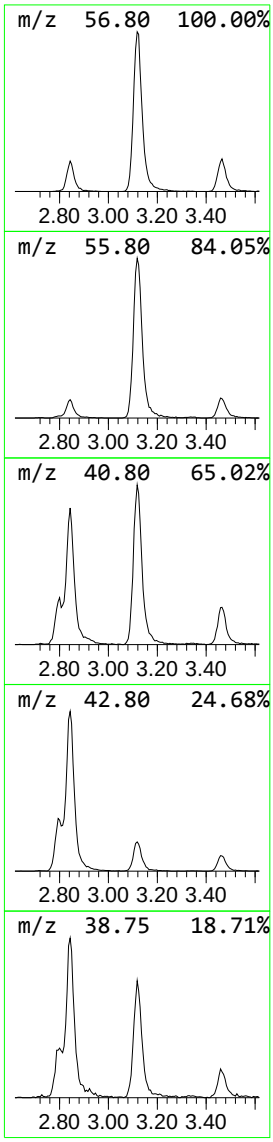
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Peak Number 3 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	25.35 ug/l	599952	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

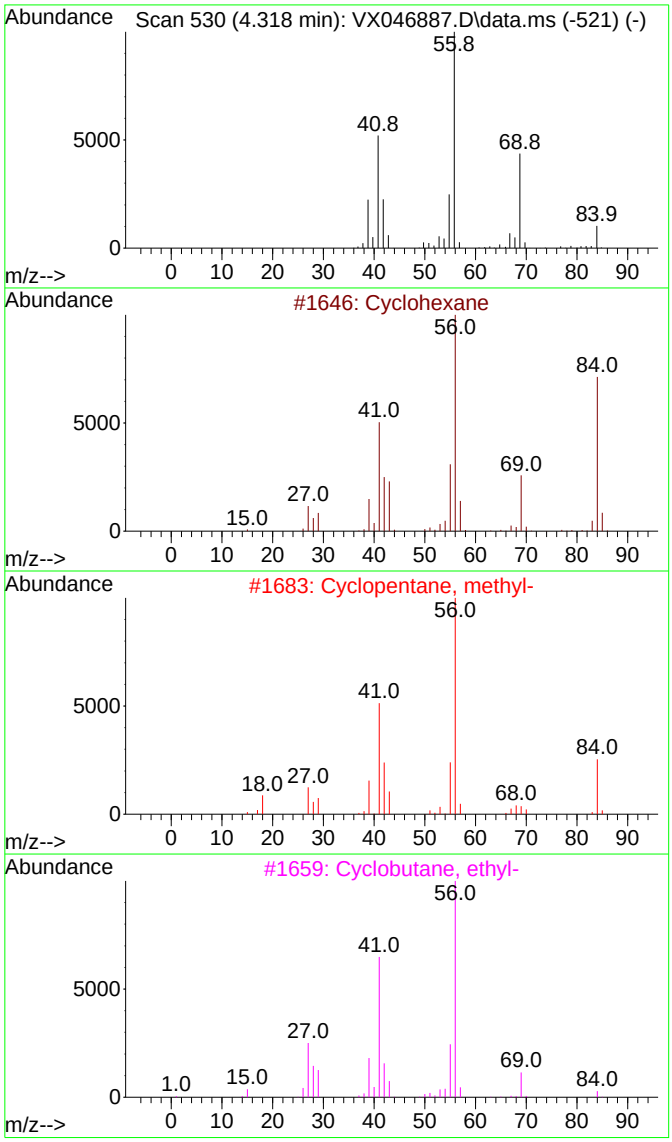
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

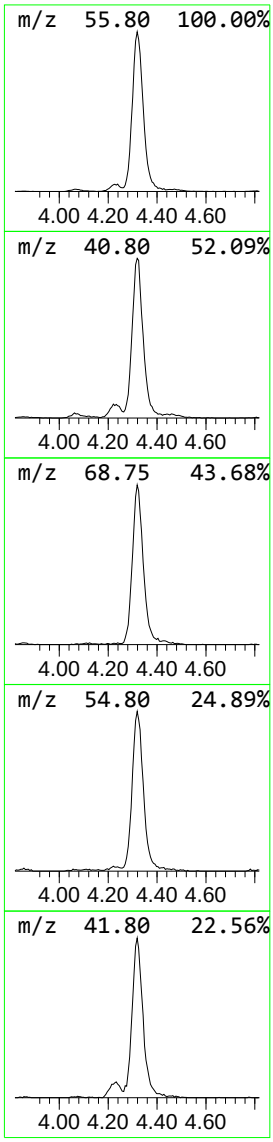
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Peak Number 4 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.318	45.06 ug/l	1066290	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	83
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

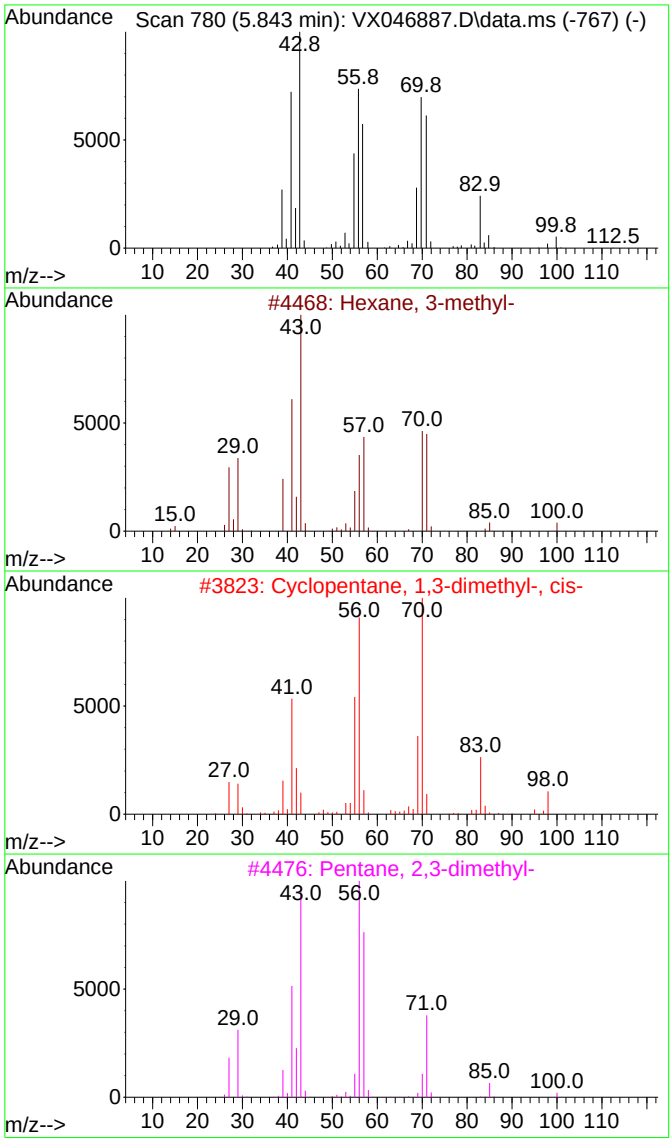
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TIC Integration Parameters: LSCINT.P

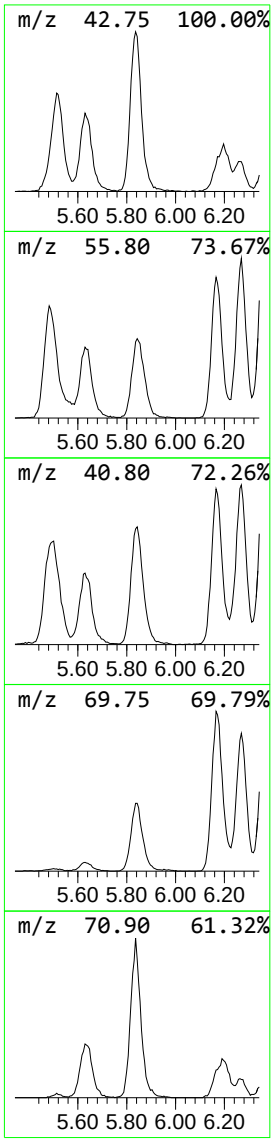
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Peak Number 5 Hexane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.843	33.87 ug/l	801442	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	60
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	52
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	50
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

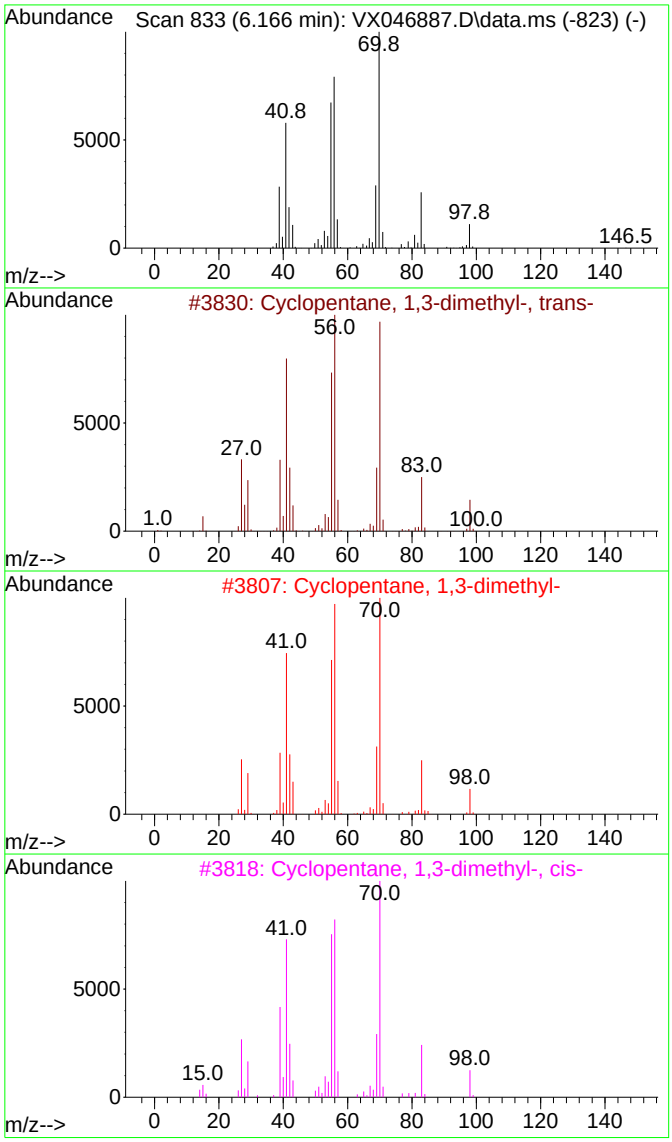
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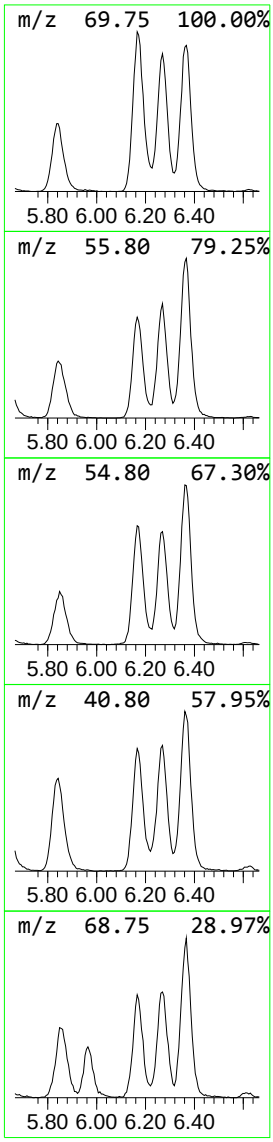
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,3-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.166	39.98 ug/l	946190	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	95
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	93
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

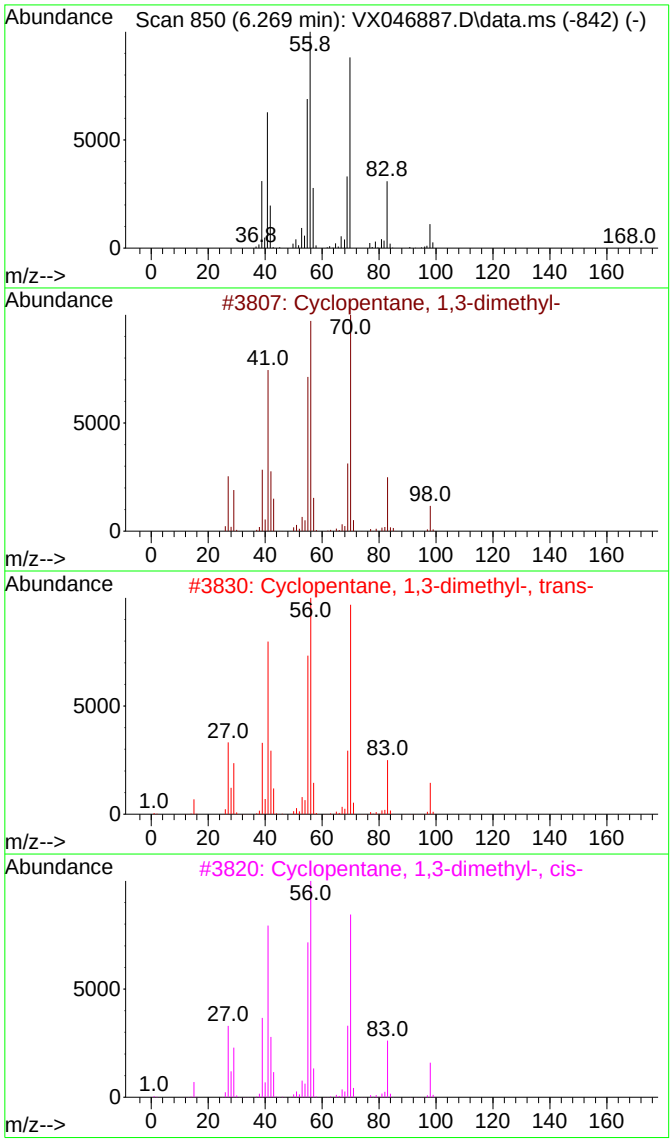
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Quant Title : SW846 8260

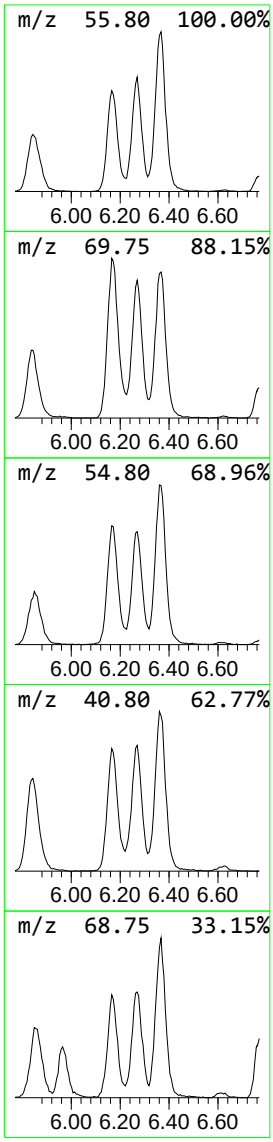
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Cyclopentane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	20.70 ug/l	924578	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
5	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

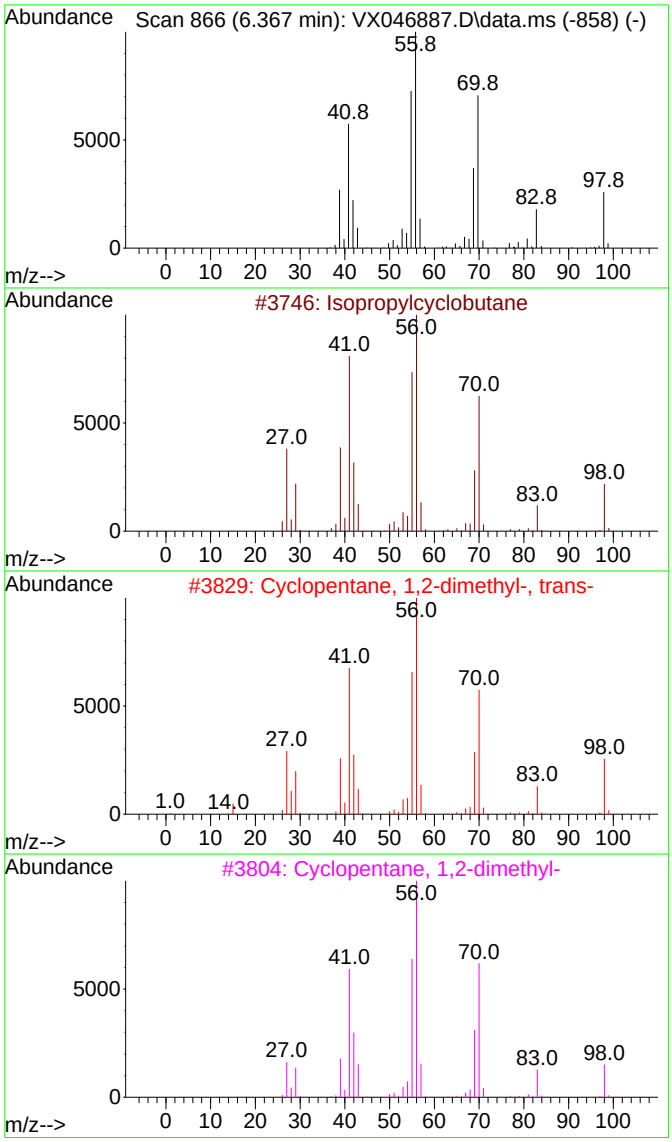
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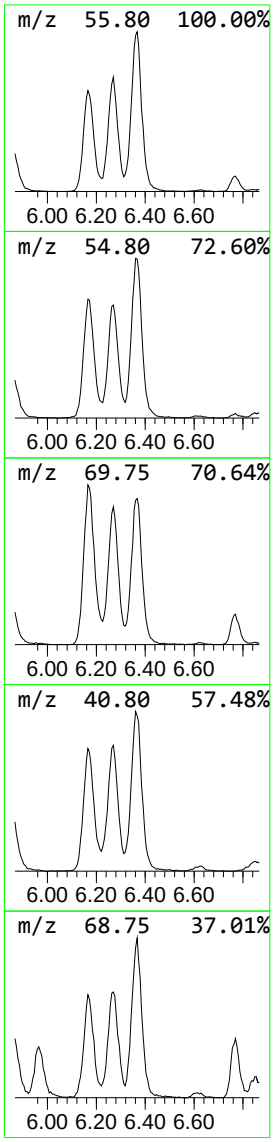
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Peak Number 8 Isopropylcyclobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.367	25.99 ug/l	1160600	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4	3-Heptene	98	C7H14	000592-78-9	64
5	1-Heptene	98	C7H14	000592-76-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

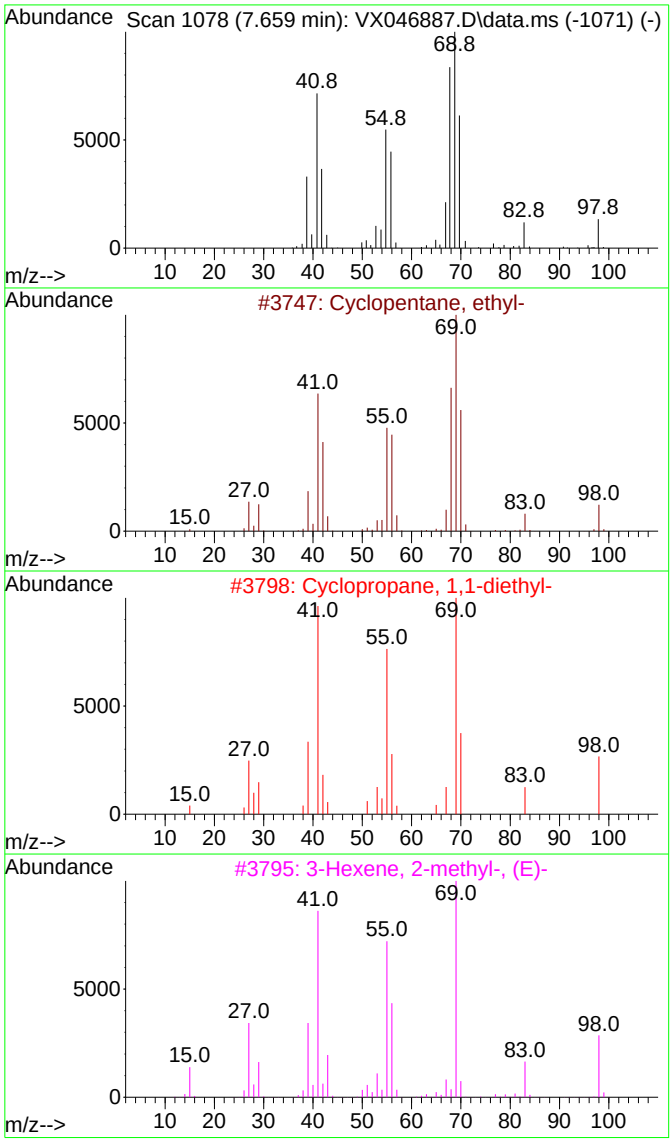
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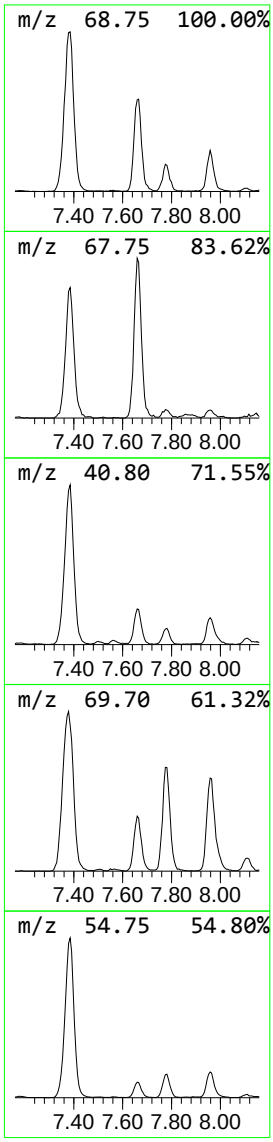
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Peak Number 9 Cyclopentane, ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.659	9.03 ug/l	403305	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
2	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	38
5	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

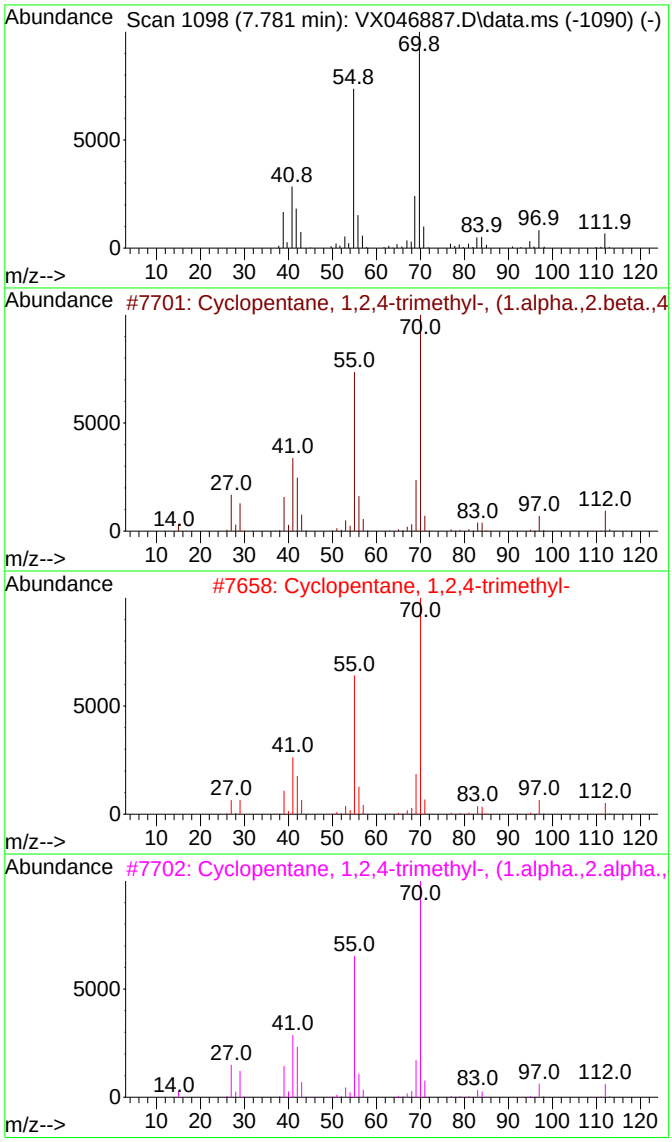
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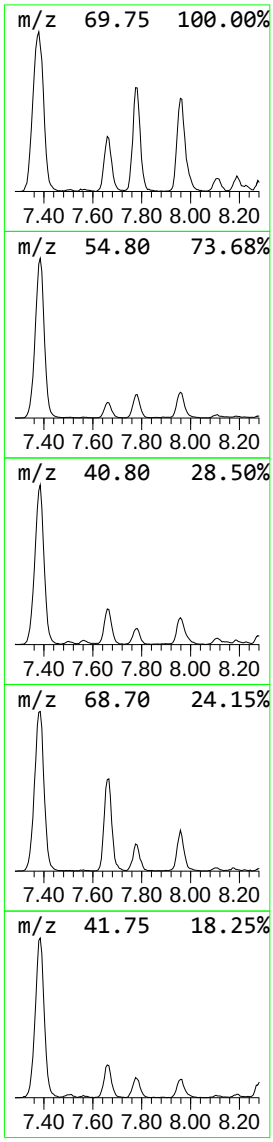
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentane, 1,2,4-trimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.781	6.16 ug/l	275286	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	90
5	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

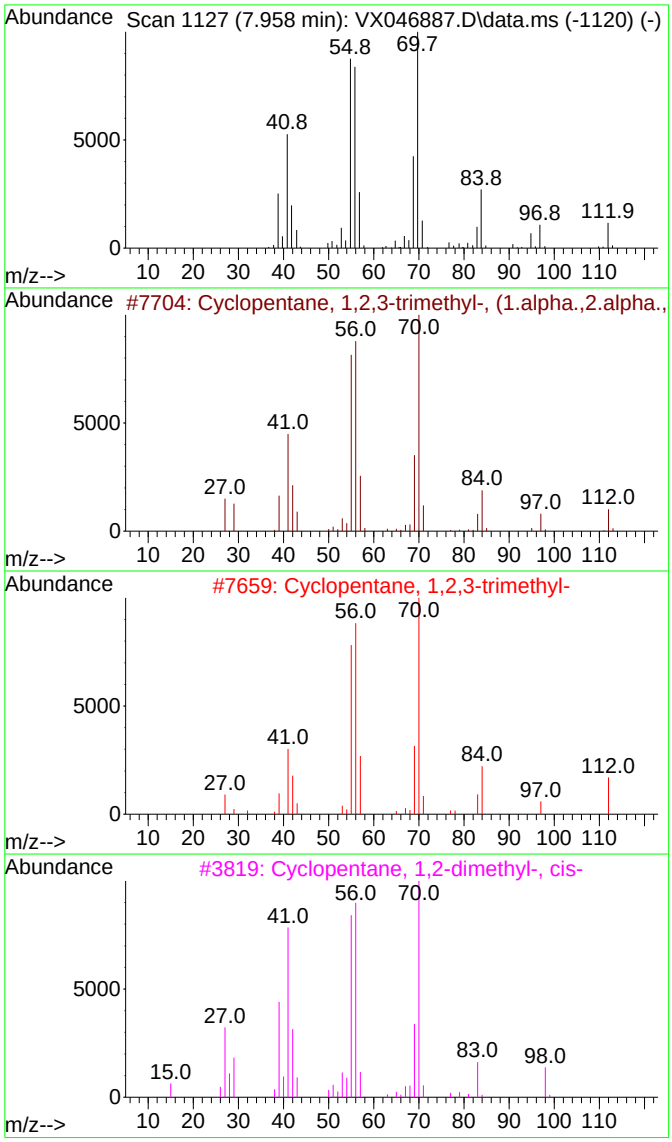
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Quant Title : SW846 8260

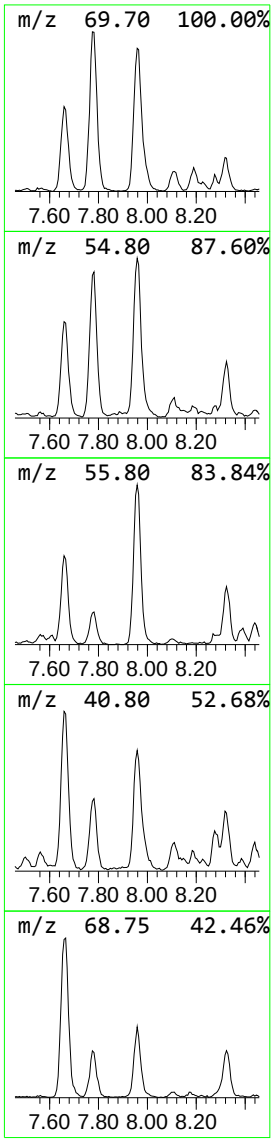
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopentane, 1,2,3-trimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.958	10.61 ug/l	473873	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	64
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

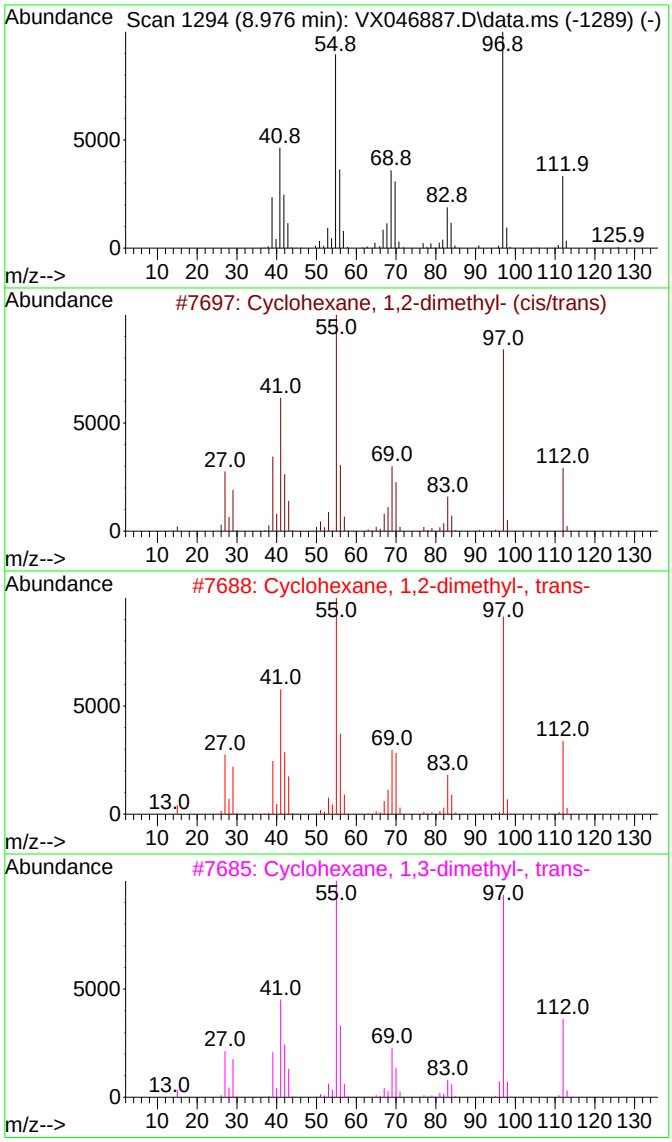
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Quant Title : SW846 8260

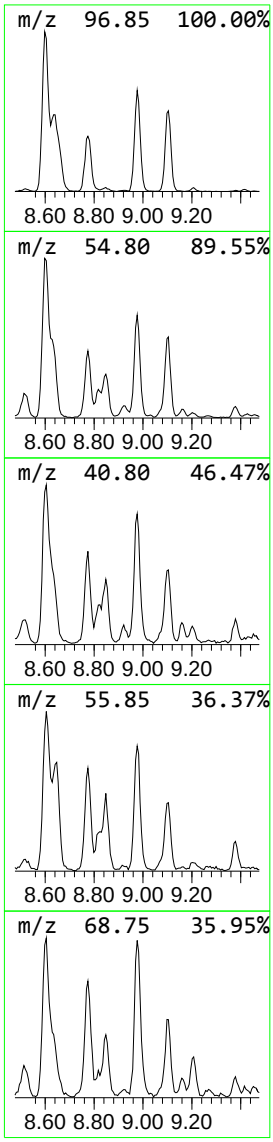
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.976	9.04 ug/l	447767	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	97
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	83
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

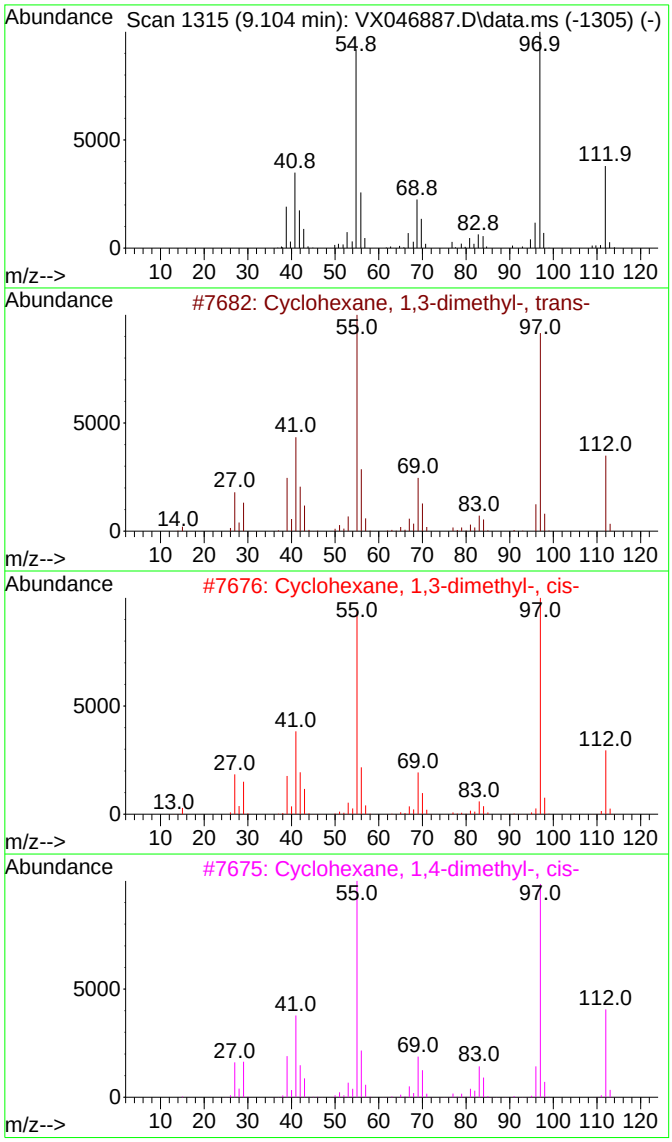
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Quant Title : SW846 8260

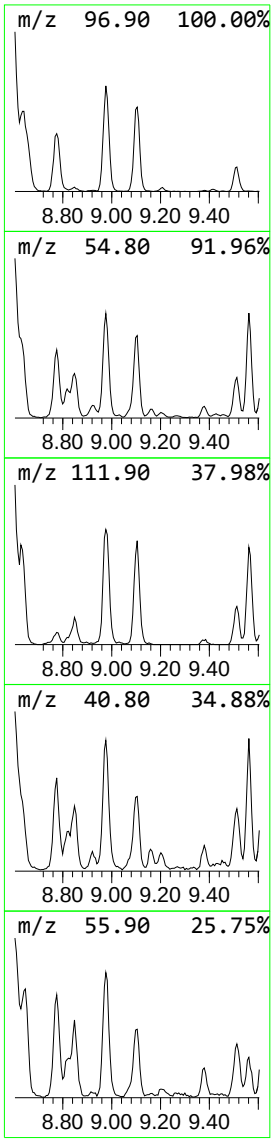
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	6.22 ug/l	308262	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	94
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

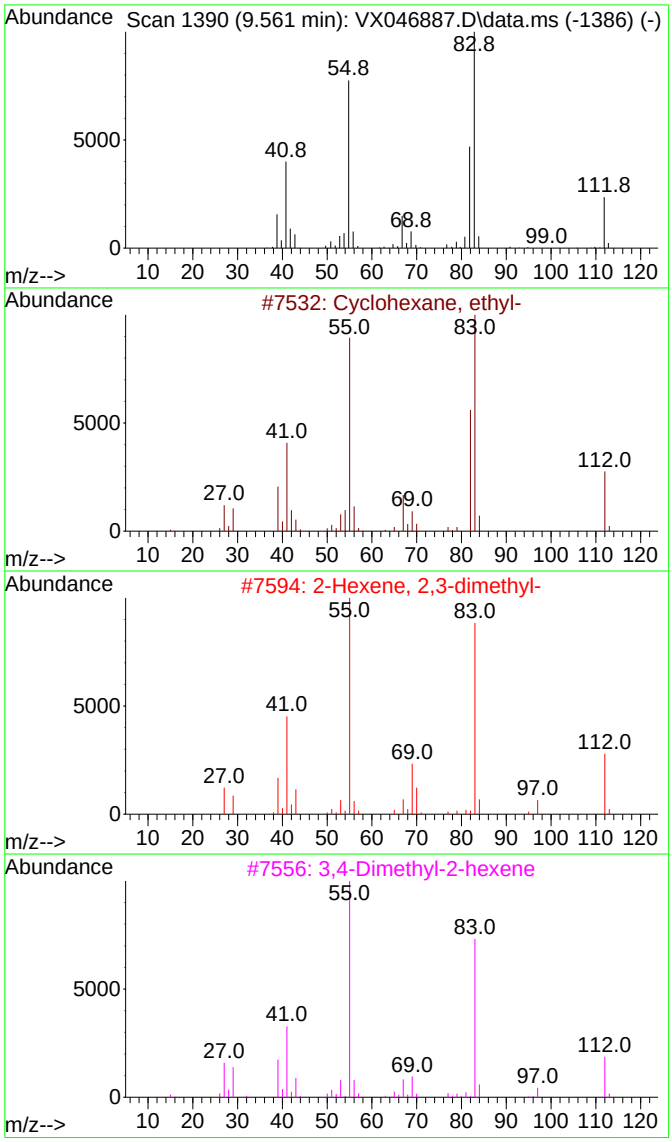
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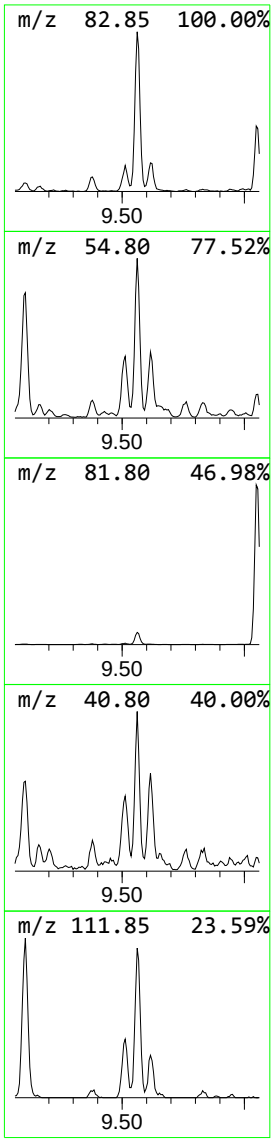
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Peak Number 14 Cyclohexane, ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.561	6.45 ug/l	319287	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	95
2	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	58
3	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	58
4	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	53
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

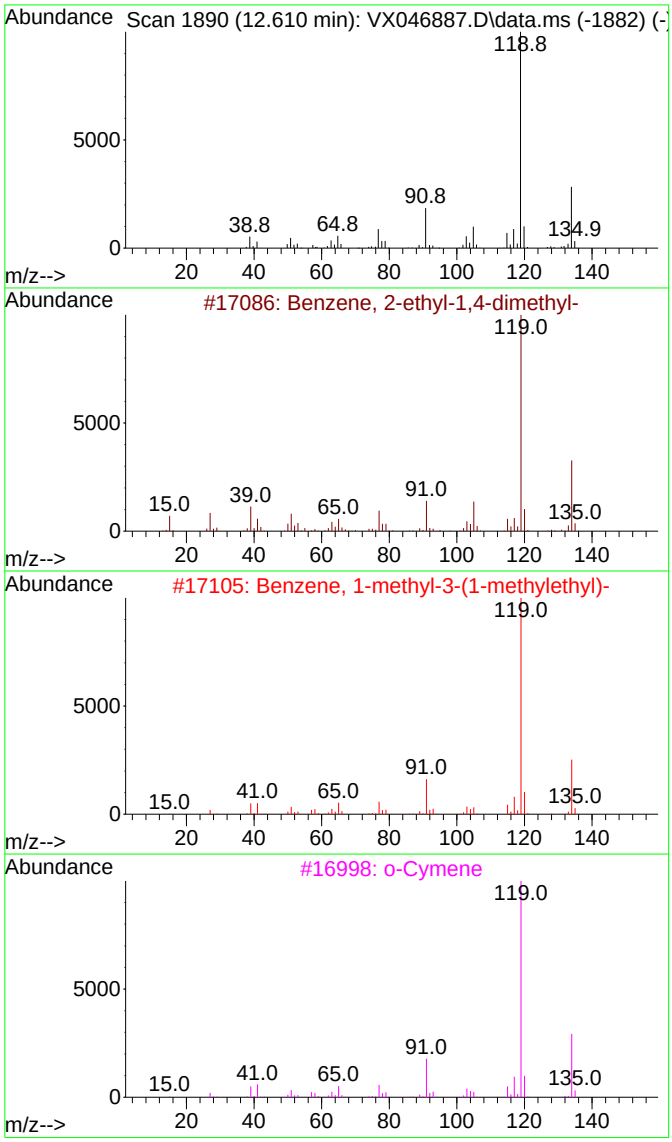
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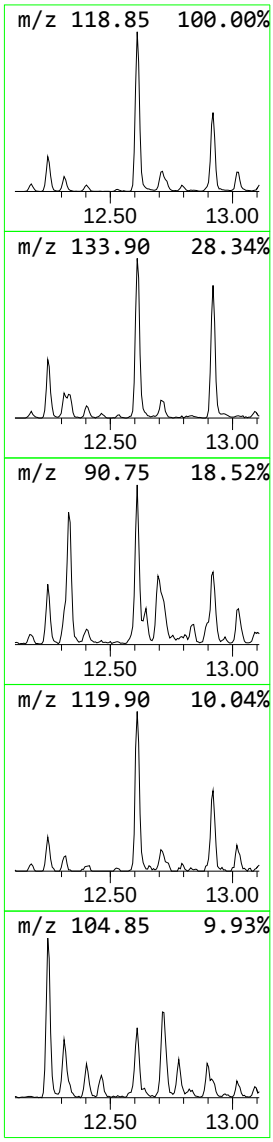
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	6.43 ug/l	328364	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butane, 2,3-dim...	2.800	8.1	ug/l	192344	1	5.562	1183250	50.0
Pentane, 2-methyl-	2.843	29.4	ug/l	696670	1	5.562	1183250	50.0
Pentane, 3-methyl-	3.117	25.4	ug/l	599952	1	5.562	1183250	50.0
Cyclopentane, m...	4.318	45.1	ug/l	1066290	1	5.562	1183250	50.0
Hexane, 3-methyl-	5.843	33.9	ug/l	801442	1	5.562	1183250	50.0
Cyclopentane, 1...	6.166	40.0	ug/l	946190	1	5.562	1183250	50.0
Cyclopentane, 1...	6.269	20.7	ug/l	924578	2	6.769	2232970	50.0
Isopropylcyclob...	6.367	26.0	ug/l	1160600	2	6.769	2232970	50.0
Cyclopentane, e...	7.659	9.0	ug/l	403305	2	6.769	2232970	50.0
Cyclopentane, 1...	7.781	6.2	ug/l	275286	2	6.769	2232970	50.0
Cyclopentane, 1...	7.958	10.6	ug/l	473873	2	6.769	2232970	50.0
Cyclohexane, 1,...	8.976	9.0	ug/l	447767	3	10.055	2476290	50.0
Cyclohexane, 1,...	9.104	6.2	ug/l	308262	3	10.055	2476290	50.0
Cyclohexane, et...	9.561	6.5	ug/l	319287	3	10.055	2476290	50.0
Benzene, 2-ethy...	12.610	6.4	ug/l	328364	4	12.018	2551460	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 15 02:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.959	168	210867	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.849	114	390097	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	330238	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	124443	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	121517	40.155	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 80.320%				
35) Dibromofluoromethane	7.898	113	109893	43.171	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 86.340%				
50) Toluene-d8	10.325	98	454812	48.011	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 96.020%				
62) 4-Bromofluorobenzene	12.617	95	132548	38.022	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 76.040%				
Target Compounds							Qvalue
16) Acetone	4.161	43	183992	245.985	ug/l		94
17) Carbon Disulfide	4.417	76	14969	2.226	ug/l		99
25) 2-Butanone	7.191	43	79299	81.491	ug/l	#	87
31) Cyclohexane	7.972	56	1772349	411.327	ug/l		93
39) Methylcyclohexane	9.343	83	3108704	678.321	ug/l		97
52) Toluene	10.392	92	25535	3.660	ug/l		97
67) Ethyl Benzene	11.733	91	17565	1.390	ug/l		89
68) m/p-Xylenes	11.837	106	99062	20.396	ug/l		95
69) o-Xylene	12.166	106	19927	4.431	ug/l		92
73) Isopropylbenzene	12.465	105	235287	24.857	ug/l		99
78) n-propylbenzene	12.800	91	426293	37.608	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	127325	16.250	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	289573	36.475	ug/l		98
85) sec-Butylbenzene	13.379	105	54204	5.381	ug/l	#	72
86) p-Isopropyltoluene	13.495	119	35983	4.334	ug/l		92
89) n-Butylbenzene	13.812	91	26880m	3.332	ug/l		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

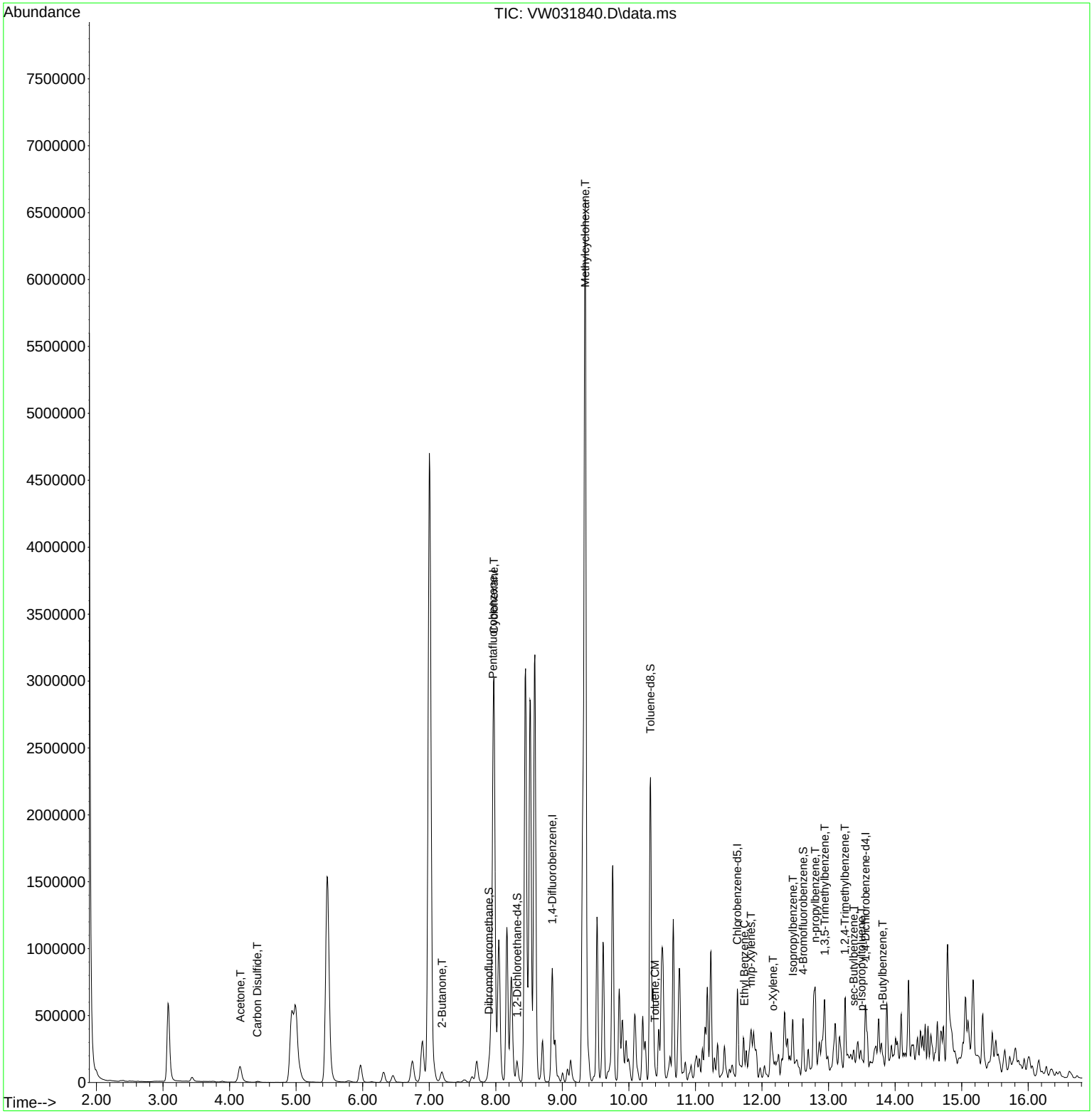
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Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

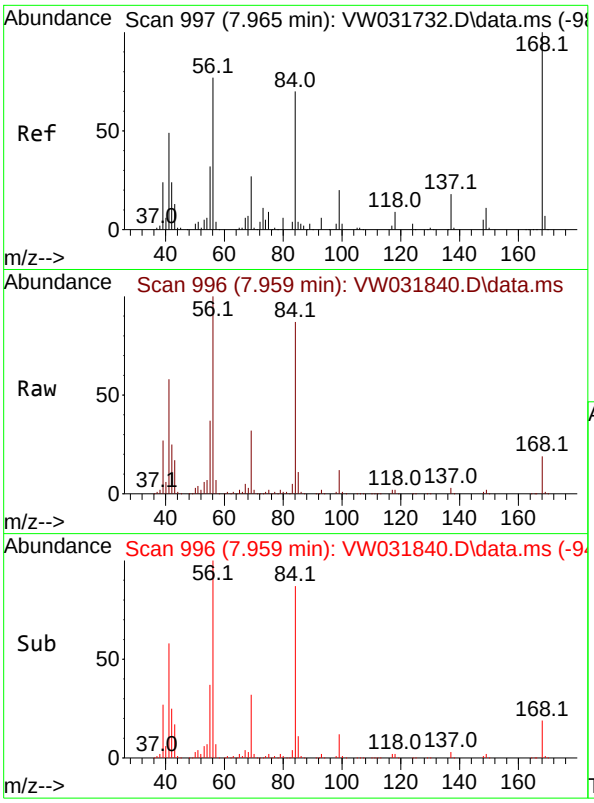
Quant Time: Jul 15 02:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

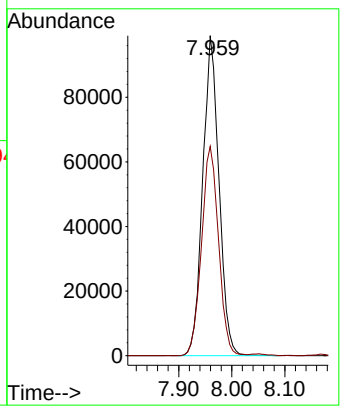




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:168 Resp: 21086

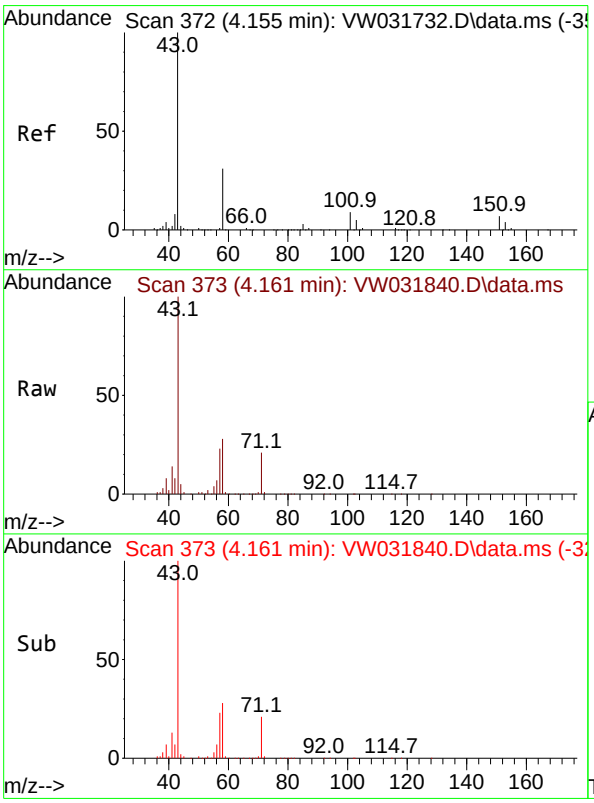
Ion	Ratio	Lower	Upper
168	100		
99	65.4	49.4	74.2



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

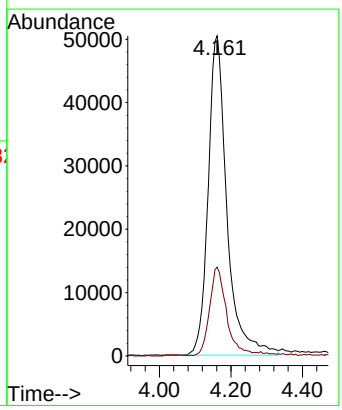
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

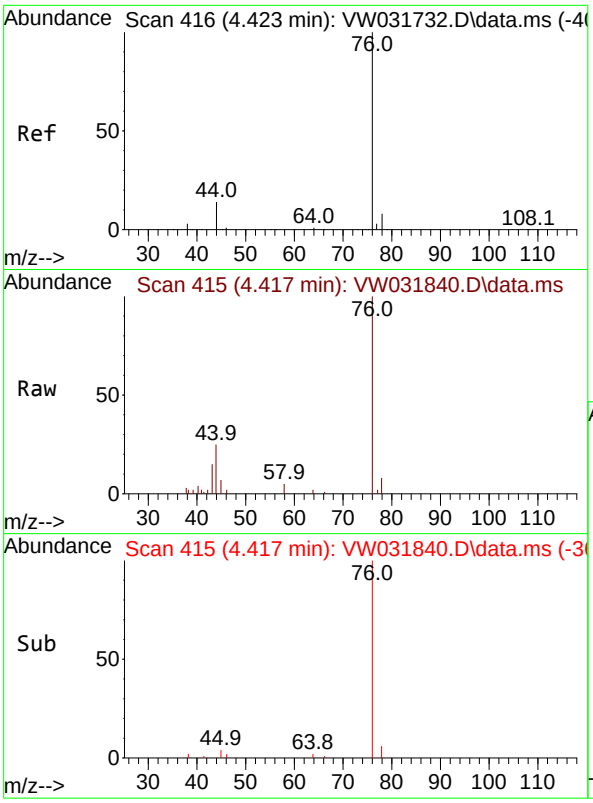


#16
Acetone
Concen: 245.985 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.007 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 183992

Ion	Ratio	Lower	Upper
43	100		
58	27.5	24.8	37.2





#17
Carbon Disulfide
Concen: 2.226 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

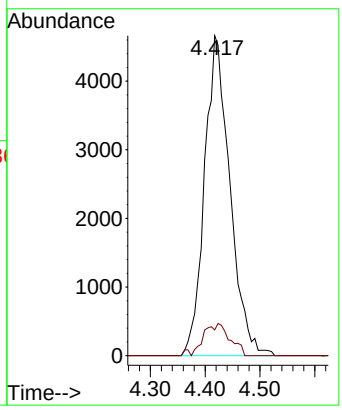
Tgt Ion: 76 Resp: 1496

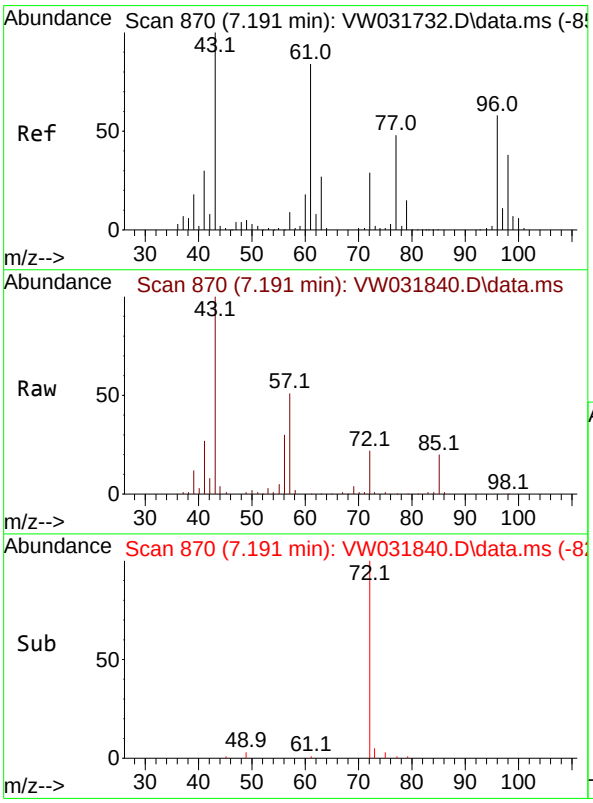
Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.6	10.0

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

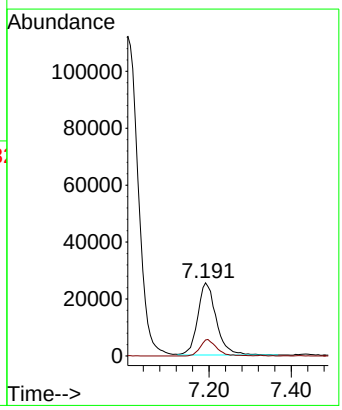


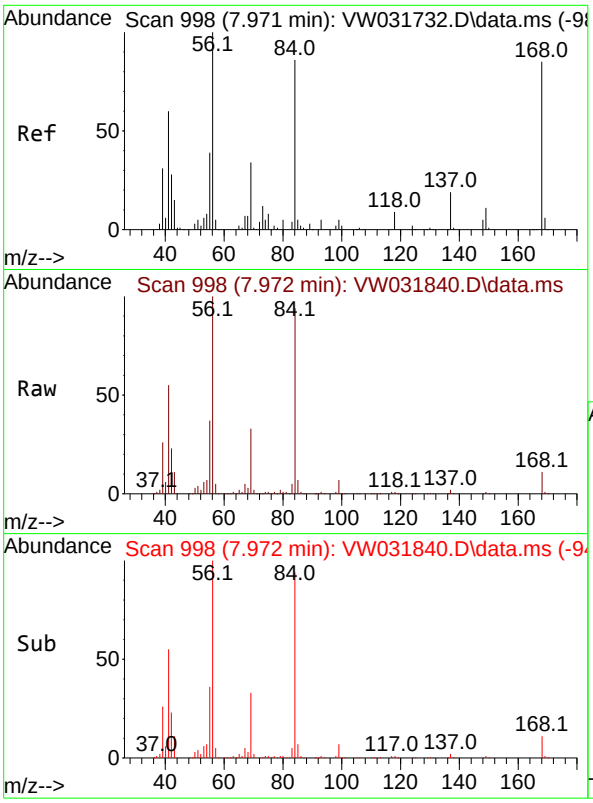


#25
2-Butanone
Concen: 81.491 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 79299

Ion	Ratio	Lower	Upper
43	100		
72	22.1	23.0	34.6#

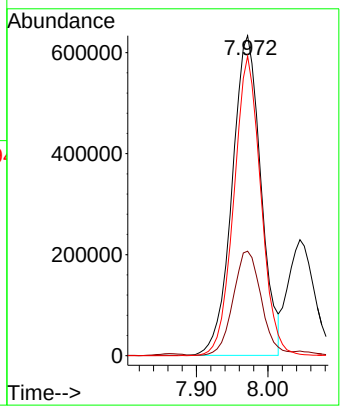




#31
Cyclohexane
Concen: 411.327 ug/l
RT: 7.972 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 56 Resp: 177234

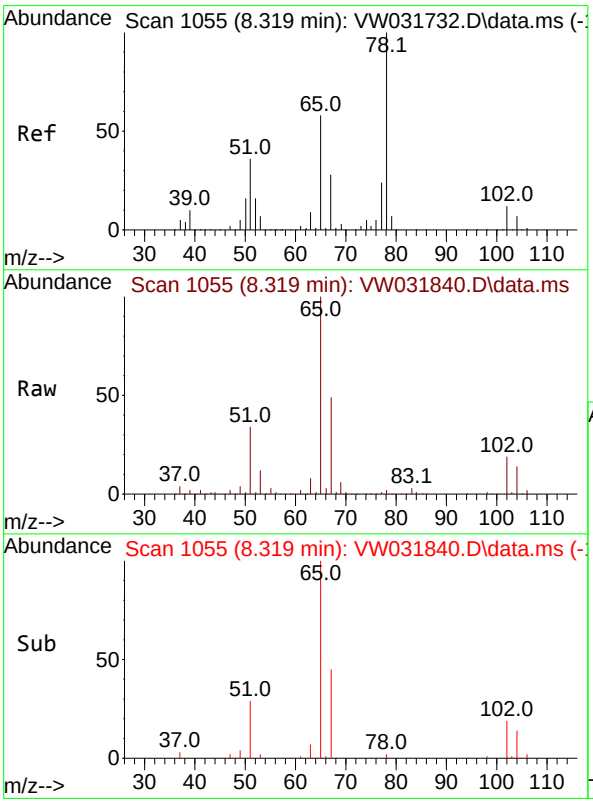
Ion	Ratio	Lower	Upper
56	100		
69	32.2	27.2	40.8
84	93.7	68.5	102.7



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

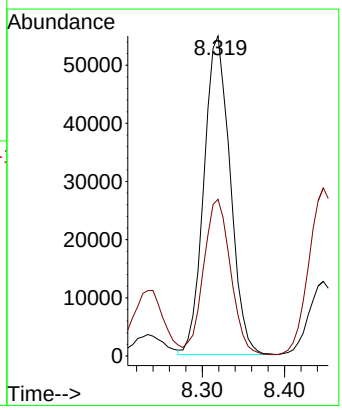
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

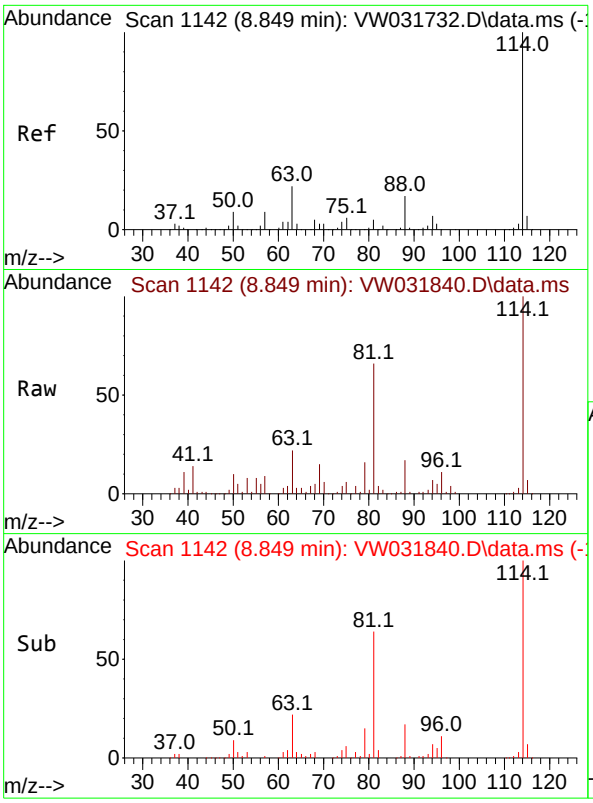


#33
1,2-Dichloroethane-d4
Concen: 40.155 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 65 Resp: 121517

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

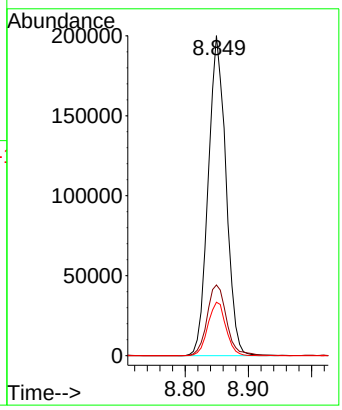
Tgt Ion:114 Resp: 39009

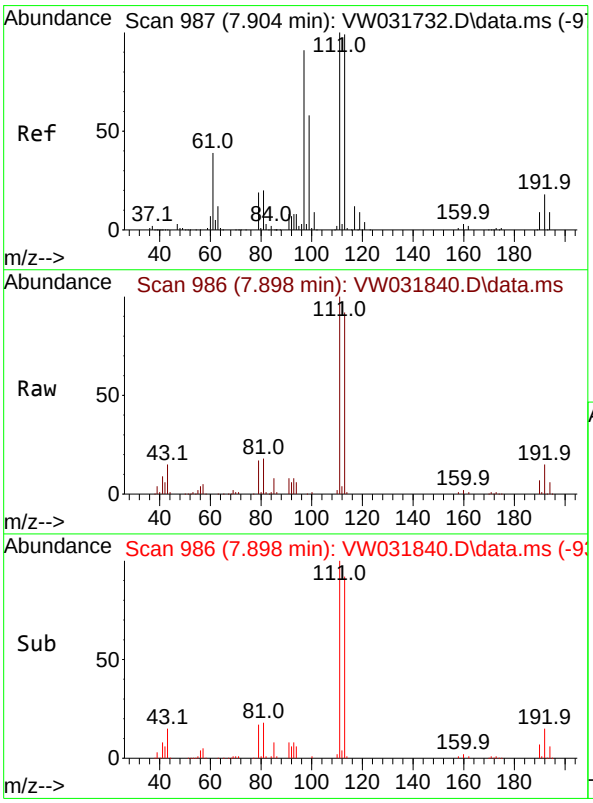
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.6
88	16.7	0.0	34.2

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

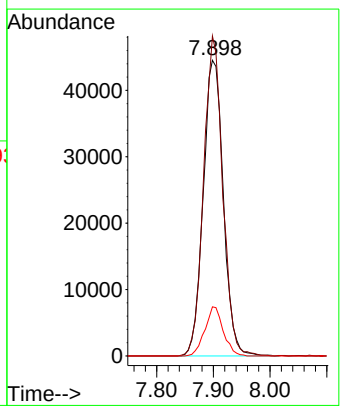


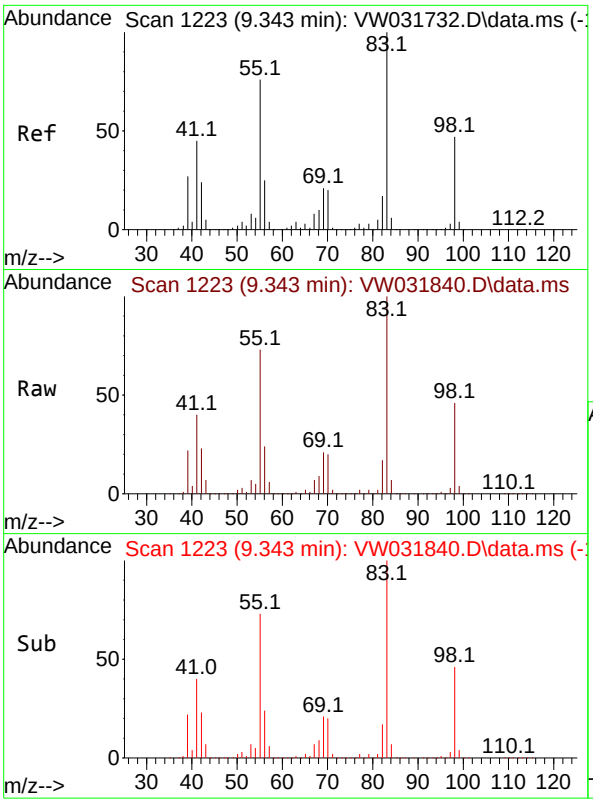


#35
Dibromofluoromethane
Concen: 43.171 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:113 Resp: 109893

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	15.2	13.8	20.6





#39
Methylcyclohexane
Concen: 678.321 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

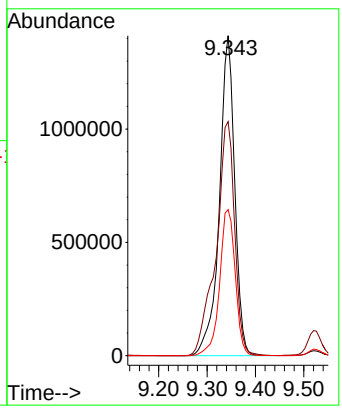
Tgt Ion: 83 Resp: 310870

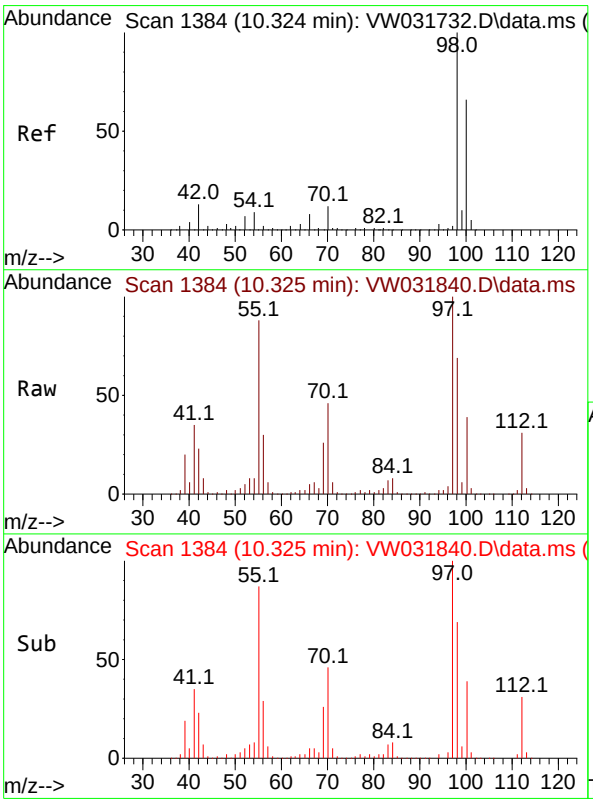
Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.0	91.4
98	45.6	37.9	56.9

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

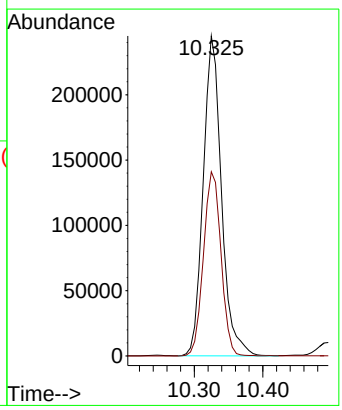


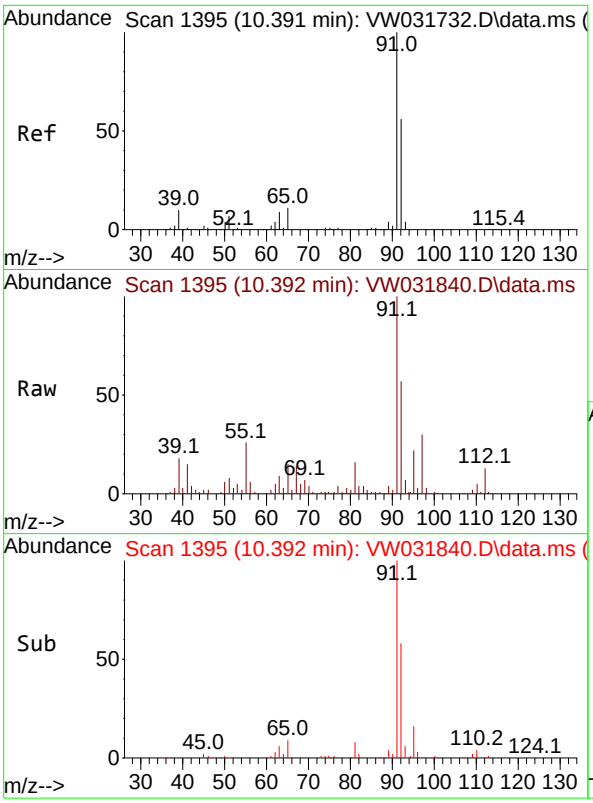


#50
Toluene-d8
Concen: 48.011 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 98 Resp: 454812

Ion	Ratio	Lower	Upper
98	100		
100	55.2	53.0	79.4





#52
Toluene
Concen: 3.660 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

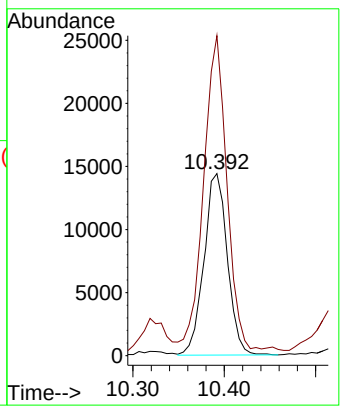
Tgt Ion: 92 Resp: 2553

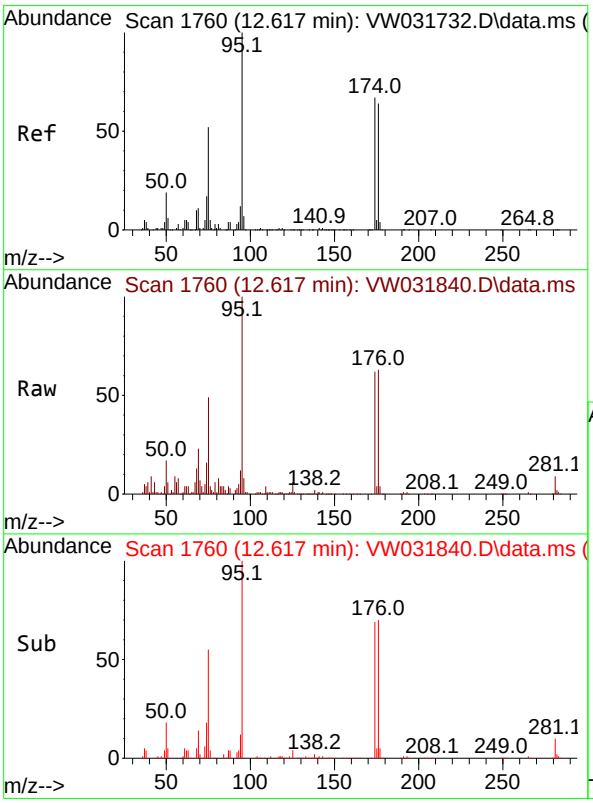
Ion	Ratio	Lower	Upper
92	100		
91	170.3	139.5	209.3

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

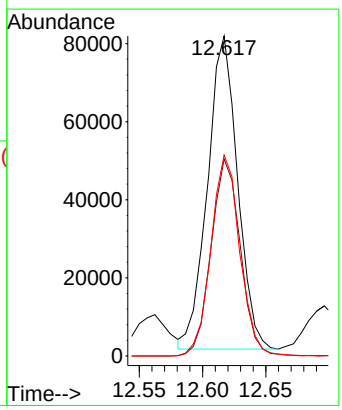


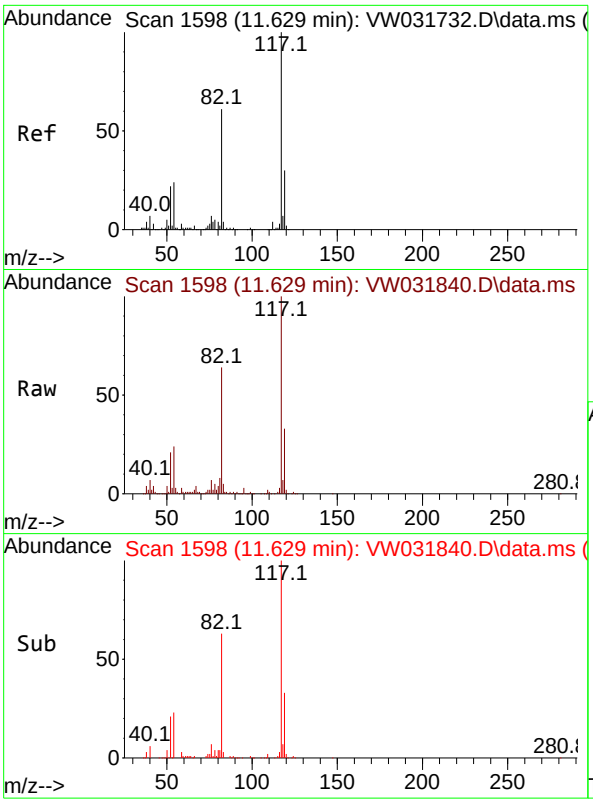


#62
4-Bromofluorobenzene
Concen: 38.022 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 95 Resp: 132548

Ion	Ratio	Lower	Upper
95	100		
174	61.0	0.0	133.8
176	61.5	0.0	126.0

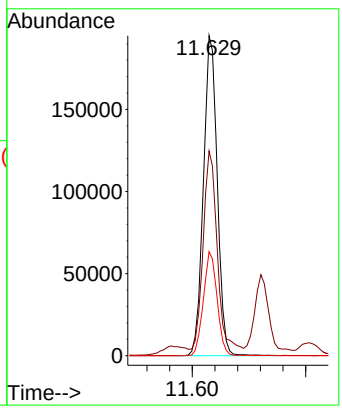




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:117 Resp: 33023

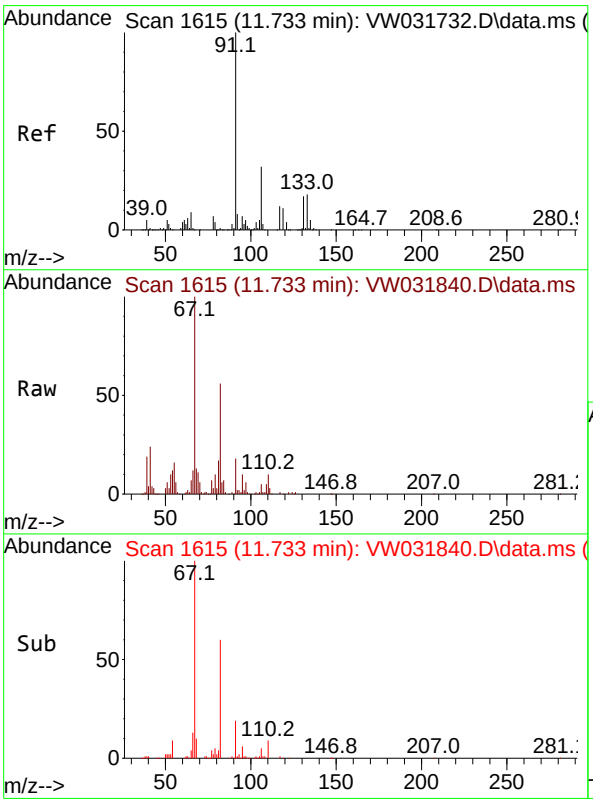
Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.6	72.8
119	32.5	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

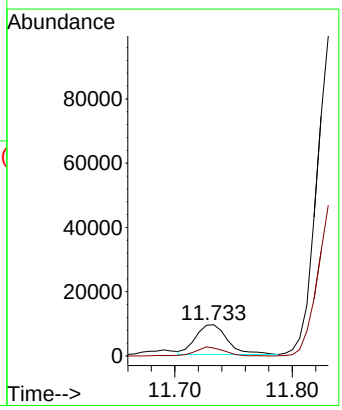
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

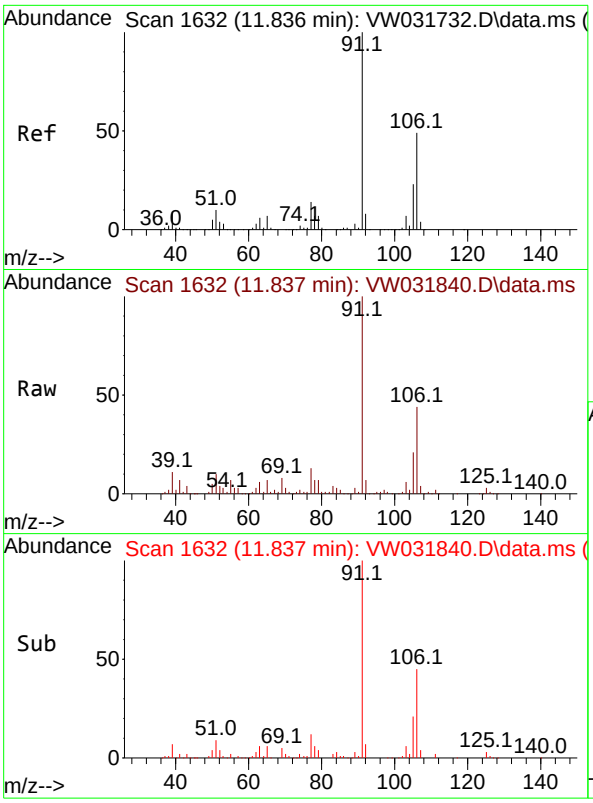


#67
Ethyl Benzene
Concen: 1.390 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 91 Resp: 17565

Ion	Ratio	Lower	Upper
91	100		
106	25.4	25.4	38.2





#68
m/p-Xylenes
Concen: 20.396 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

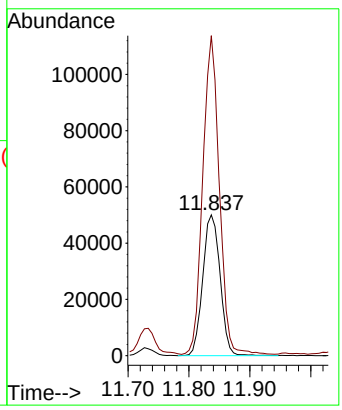
Tgt Ion:106 Resp: 9906

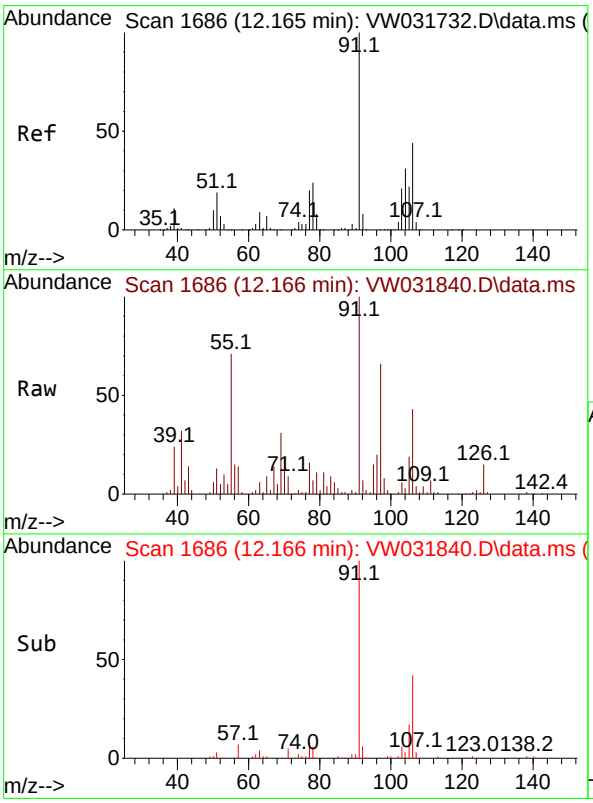
Ion	Ratio	Lower	Upper
106	100		
91	215.0	166.4	249.6

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

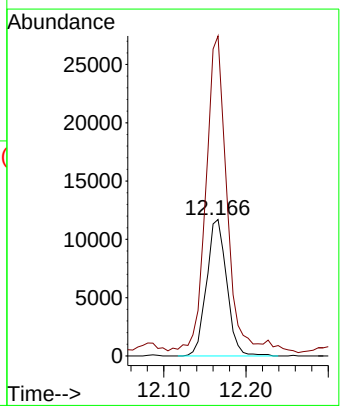


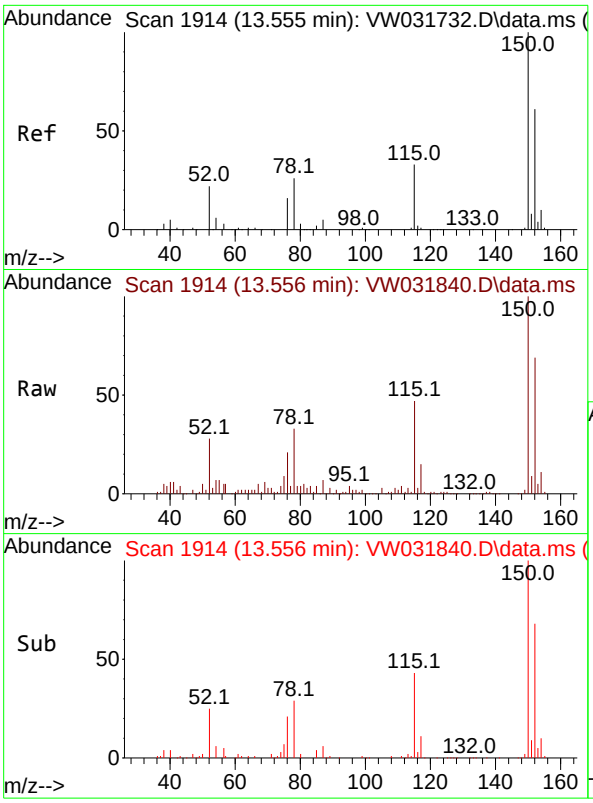


#69
o-Xylene
Concen: 4.431 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:106 Resp: 19927

Ion	Ratio	Lower	Upper
106	100		
91	235.1	111.5	334.4

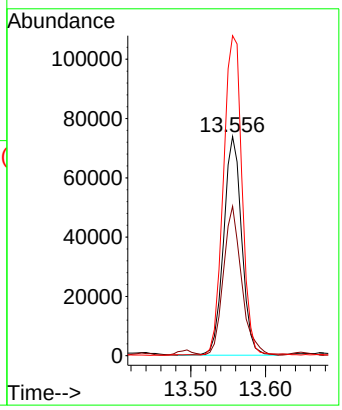




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:152 Resp: 12444

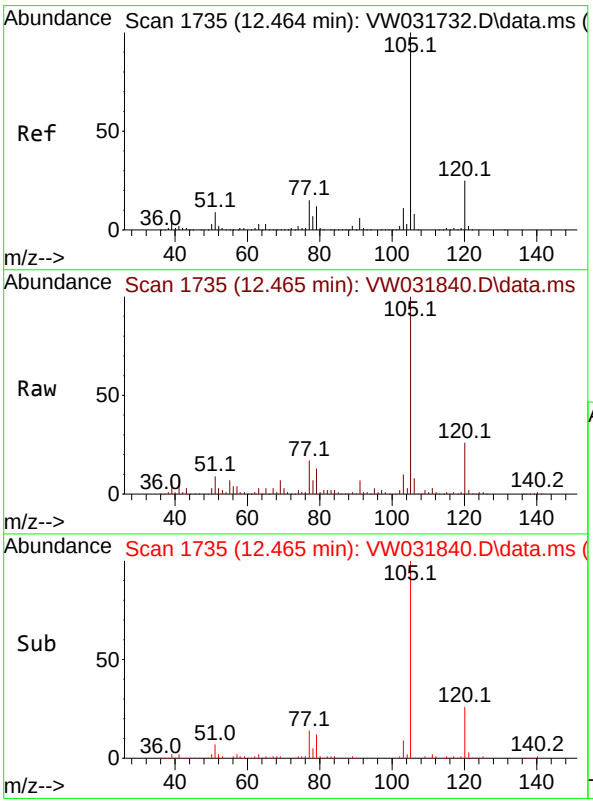
Ion	Ratio	Lower	Upper
152	100		
115	68.3	31.9	95.7
150	150.0	0.0	356.4



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

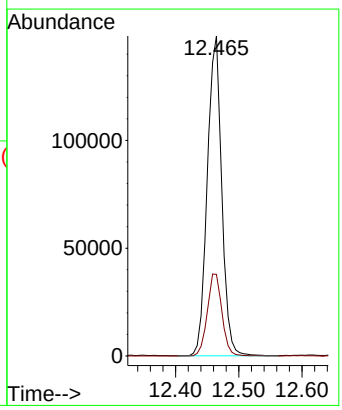
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

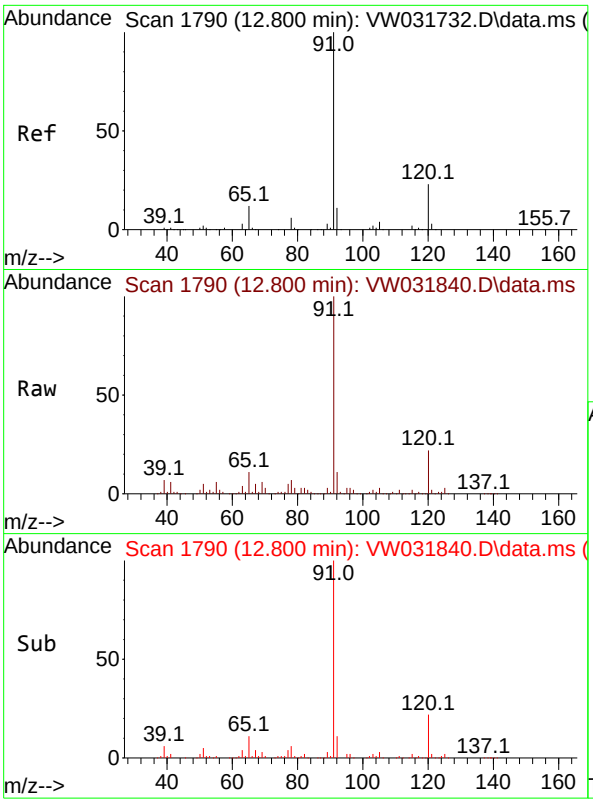


#73
Isopropylbenzene
Concen: 24.857 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 235287

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4





#78
n-propylbenzene
Concen: 37.608 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

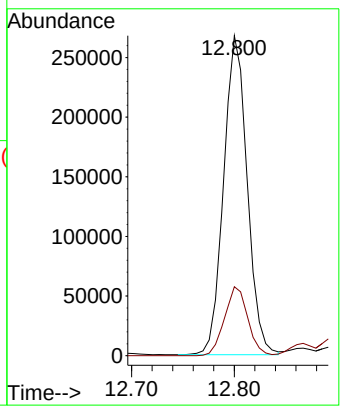
Tgt Ion: 91 Resp: 42629

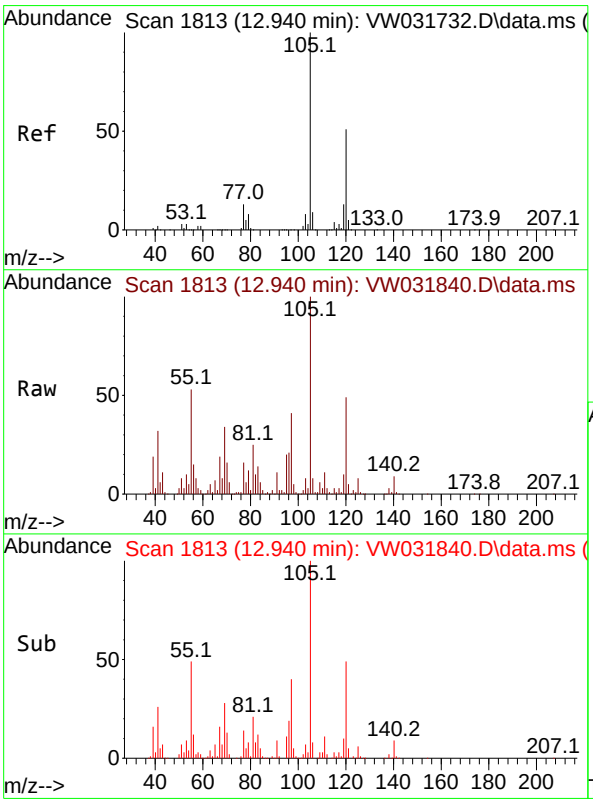
Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.5	34.4

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

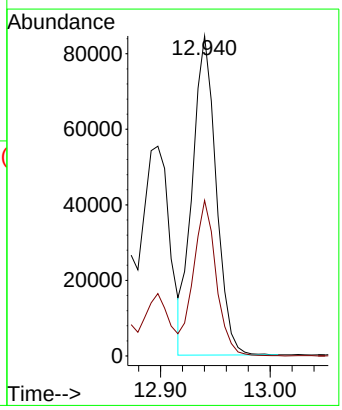


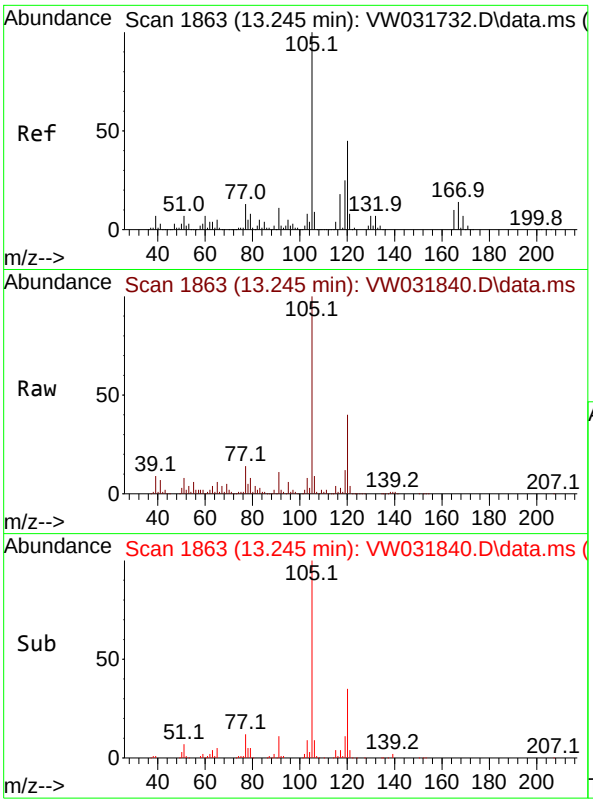


#80
1,3,5-Trimethylbenzene
Concen: 16.250 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 127325

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.8	71.2

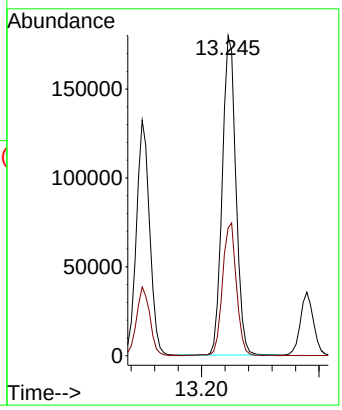




#84
1,2,4-Trimethylbenzene
Concen: 36.475 ug/l
RT: 13.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 28957

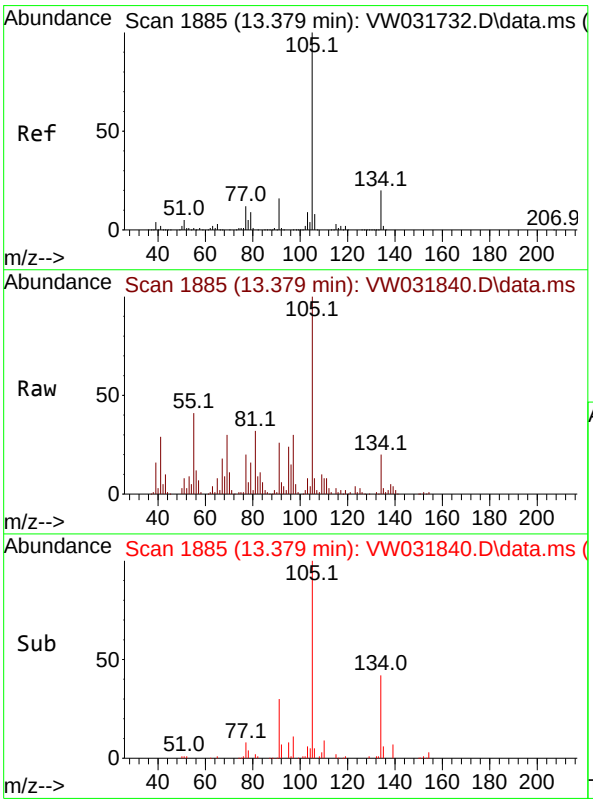
Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.1	66.1



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

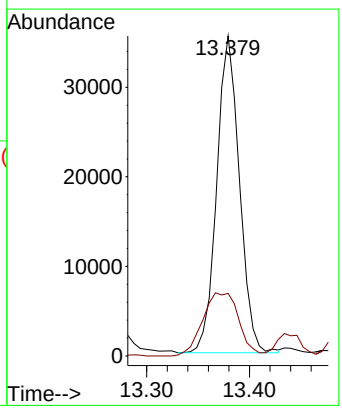
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

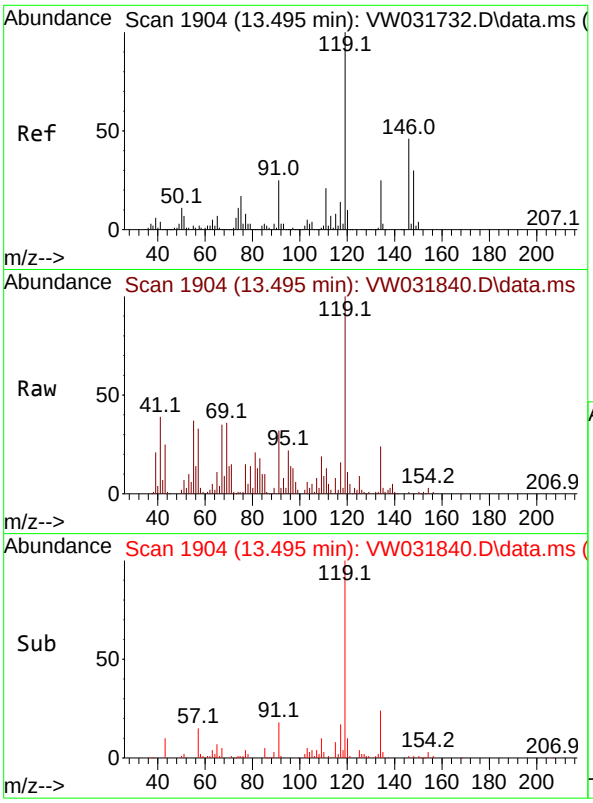


#85
sec-Butylbenzene
Concen: 5.381 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 54204

Ion	Ratio	Lower	Upper
105	100		
134	31.8	9.6	28.8#

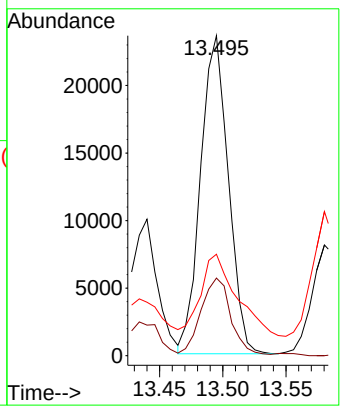




#86
p-Isopropyltoluene
Concen: 4.334 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:119 Resp: 3598

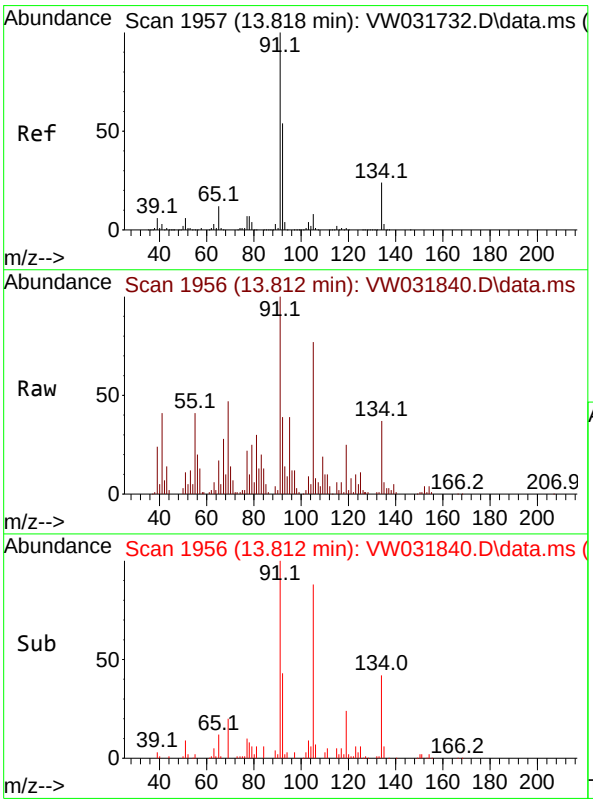
Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	33.5	12.7	38.0



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

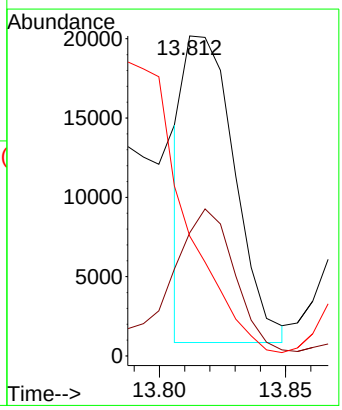
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025



#89
n-Butylbenzene
Concen: 3.332 ug/l m
RT: 13.812 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 91 Resp: 26880

Ion	Ratio	Lower	Upper
91	100		
92	60.1	27.2	81.5
134	0.0	12.2	36.6#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031840.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	185	195	215	rBV	580898	1669675	9.19%	1.134%
2	4.155	359	372	393	rBV2	115481	439597	2.42%	0.299%
3	4.936	482	500	504	rBV3	536046	1901067	10.46%	1.292%
4	5.466	568	587	624	rBV	1536297	5900412	32.47%	4.009%
5	5.966	656	669	686	rVB2	127992	401645	2.21%	0.273%
6	6.313	715	726	738	rBV2	74845	235547	1.30%	0.160%
7	6.746	784	797	810	rBV4	158298	551578	3.04%	0.375%
8	6.899	810	822	829	rVV2	305627	1004608	5.53%	0.683%
9	7.002	829	839	860	rVV	4700868	14785699	81.37%	10.045%
10	7.191	861	870	887	rVB3	76465	268503	1.48%	0.182%
11	7.716	948	956	973	rVB2	155669	453450	2.50%	0.308%
12	7.972	973	998	1005	rBV3	3018902	9581725	52.73%	6.510%
13	8.045	1005	1010	1022	rVB	1048698	2688628	14.80%	1.827%
14	8.167	1022	1030	1036	rBV	1140530	2649625	14.58%	1.800%
15	8.234	1036	1041	1050	rVB	741383	1840052	10.13%	1.250%
16	8.319	1050	1055	1064	rVB	151246	354815	1.95%	0.241%
17	8.447	1064	1076	1082	rBV2	3086112	7776150	42.79%	5.283%
18	8.514	1082	1087	1093	rVV2	2647606	6082819	33.48%	4.132%
19	8.587	1093	1099	1110	rVB	3172409	7356657	40.49%	4.998%
20	8.703	1110	1118	1129	rVB	307486	662505	3.65%	0.450%
21	8.849	1131	1142	1147	rBV2	850406	1960372	10.79%	1.332%
22	9.075	1173	1179	1183	rBV	93389	194263	1.07%	0.132%
23	9.124	1183	1187	1205	rVB2	163724	388768	2.14%	0.264%
24	9.343	1207	1223	1239	rBV	6602085	18171098	100.00%	12.345%
25	9.520	1239	1252	1259	rBV	1225256	2401960	13.22%	1.632%
26	9.612	1259	1267	1275	rVB	1019812	2082366	11.46%	1.415%
27	9.758	1281	1291	1300	rVB2	1605898	3472582	19.11%	2.359%
28	9.855	1300	1307	1311	rBV	684506	1338685	7.37%	0.909%
29	9.904	1311	1315	1320	rVB2	317877	557706	3.07%	0.379%
30	9.959	1320	1324	1328	rBV2	166453	230731	1.27%	0.157%
31	10.087	1338	1345	1358	rBV3	494653	1271091	7.00%	0.864%
32	10.209	1358	1365	1368	rBV	476836	890228	4.90%	0.605%
33	10.246	1368	1371	1376	rVB2	282626	474246	2.61%	0.322%
34	10.325	1376	1384	1388	rBV2	2256722	4458912	24.54%	3.029%
35	10.361	1388	1390	1399	rVB2	653975	983332	5.41%	0.668%
36	10.447	1399	1404	1407	rBV	349416	600191	3.30%	0.408%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

37	10.502	1407	1413	1422	rVB6	975232	2720301	14.97%	1.848%
38	10.617	1423	1432	1435	rBV3	157828	363531	2.00%	0.247%
39	10.666	1435	1440	1447	rVB	1182395	2070326	11.39%	1.407%
40	10.758	1447	1455	1462	rBV4	815630	1961150	10.79%	1.332%
41	10.849	1465	1470	1475	rVB3	132029	254061	1.40%	0.173%
42	10.934	1475	1484	1489	rBV5	110401	264123	1.45%	0.179%
43	11.014	1489	1497	1501	rBV4	164760	443910	2.44%	0.302%
44	11.105	1508	1512	1515	rBV3	172634	284586	1.57%	0.193%
45	11.142	1515	1518	1521	rVV2	264993	457947	2.52%	0.311%
46	11.178	1521	1524	1528	rVV	560151	804568	4.43%	0.547%
47	11.233	1528	1533	1538	rVB	897620	1573797	8.66%	1.069%
48	11.331	1545	1549	1555	rVB2	249027	435705	2.40%	0.296%
49	11.434	1555	1566	1575	rVB3	232557	525801	2.89%	0.357%
50	11.550	1581	1585	1593	rVB4	84919	181778	1.00%	0.123%
51	11.629	1593	1598	1609	rBV	655924	1302536	7.17%	0.885%
52	11.721	1609	1613	1617	rBV	218826	313815	1.73%	0.213%
53	11.837	1623	1632	1635	rBV2	278399	717324	3.95%	0.487%
54	11.873	1635	1638	1643	rVB3	137984	187784	1.03%	0.128%
55	12.038	1659	1665	1674	rBV3	85101	187742	1.03%	0.128%
56	12.135	1674	1681	1689	rBV3	331474	908077	5.00%	0.617%
57	12.245	1693	1699	1703	rVB2	149476	331669	1.83%	0.225%
58	12.337	1709	1714	1719	rVV2	408691	881820	4.85%	0.599%
59	12.379	1719	1721	1725	rVV	201978	312600	1.72%	0.212%
60	12.459	1729	1734	1739	rVB	327694	548226	3.02%	0.372%
61	12.617	1754	1760	1767	rBV	420996	746335	4.11%	0.507%
62	12.696	1767	1773	1778	rBV2	164020	291657	1.61%	0.198%
63	12.800	1781	1790	1795	rBV2	604248	1685528	9.28%	1.145%
64	12.861	1795	1800	1803	rBV4	165048	308313	1.70%	0.209%
65	12.940	1808	1813	1818	rVB4	445942	885976	4.88%	0.602%
66	13.099	1826	1839	1845	rBV2	350989	933757	5.14%	0.634%
67	13.166	1845	1850	1858	rVB6	229126	534024	2.94%	0.363%
68	13.251	1858	1864	1868	rBV	521281	895335	4.93%	0.608%
69	13.440	1889	1895	1899	rVV5	163585	357687	1.97%	0.243%
70	13.483	1899	1902	1909	rVV6	106279	219720	1.21%	0.149%
71	13.556	1909	1914	1922	rVB2	460630	1077040	5.93%	0.732%
72	13.708	1931	1939	1942	rBV4	126447	344329	1.89%	0.234%
73	13.751	1942	1946	1950	rVV2	301076	489506	2.69%	0.333%
74	13.794	1950	1953	1961	rVB4	165997	351012	1.93%	0.238%
75	13.873	1961	1966	1972	rBV2	465948	846811	4.66%	0.575%
76	14.092	1997	2002	2006	rBV	329445	488335	2.69%	0.332%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

77	14.202	2014	2020	2025	rBV2	568056	916975	5.05%	0.623%
78	14.336	2036	2042	2046	rBV4	163768	307510	1.69%	0.209%
79	14.379	2046	2049	2052	rVV2	207223	313893	1.73%	0.213%
80	14.416	2052	2055	2058	rVV3	164136	241784	1.33%	0.164%
81	14.452	2058	2061	2064	rVB	253190	307658	1.69%	0.209%
82	14.495	2064	2068	2071	rBV	238074	297795	1.64%	0.202%
83	14.537	2071	2075	2082	rVB4	192658	407152	2.24%	0.277%
84	14.635	2082	2091	2095	rVB2	298292	555484	3.06%	0.377%
85	14.690	2095	2100	2103	rBV3	225637	465386	2.56%	0.316%
86	14.726	2103	2106	2110	rVB	254362	360014	1.98%	0.245%
87	14.787	2110	2116	2132	rBV4	867871	2726443	15.00%	1.852%
88	15.019	2150	2154	2155	rVV3	143461	199003	1.10%	0.135%
89	15.056	2155	2160	2164	rVV3	472245	1035564	5.70%	0.704%
90	15.092	2164	2166	2172	rVV3	285509	552850	3.04%	0.376%
91	15.171	2172	2179	2188	rVB4	570441	1327766	7.31%	0.902%
92	15.318	2197	2203	2212	rVB5	402881	861189	4.74%	0.585%
93	15.458	2221	2226	2230	rVV	208802	352762	1.94%	0.240%
94	15.513	2231	2235	2239	rVV2	119723	195001	1.07%	0.132%
95	15.647	2249	2257	2263	rBV4	163787	409092	2.25%	0.278%
96	15.806	2278	2283	2288	rVB4	106873	246983	1.36%	0.168%
97	16.007	2310	2316	2322	rBV4	95278	254136	1.40%	0.173%
98	16.159	2333	2341	2346	rBV4	115348	290711	1.60%	0.198%

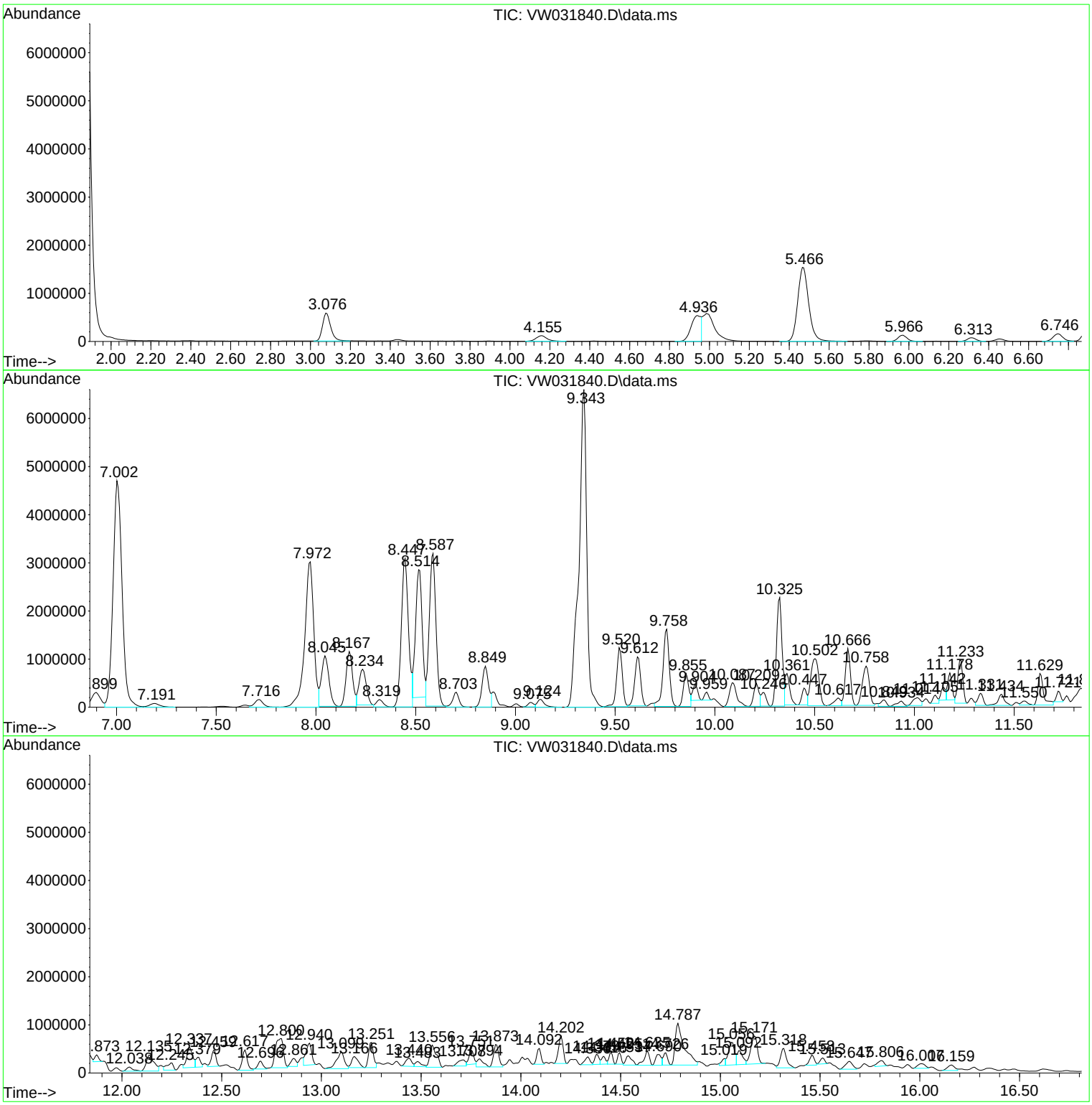
Sum of corrected areas: 147194981

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

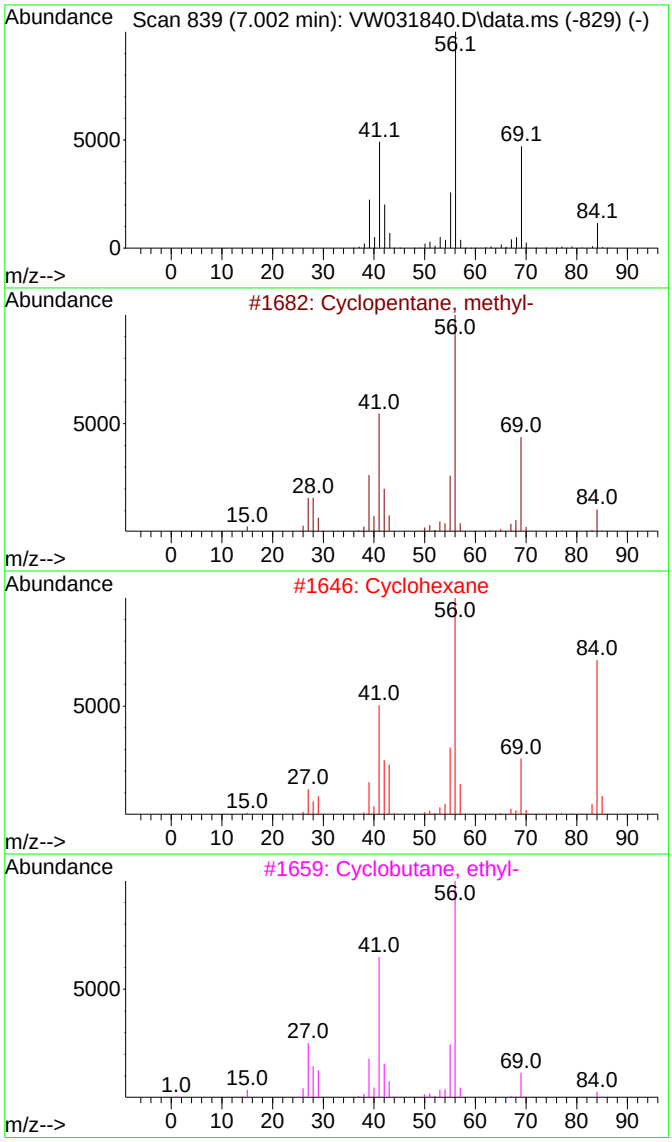
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

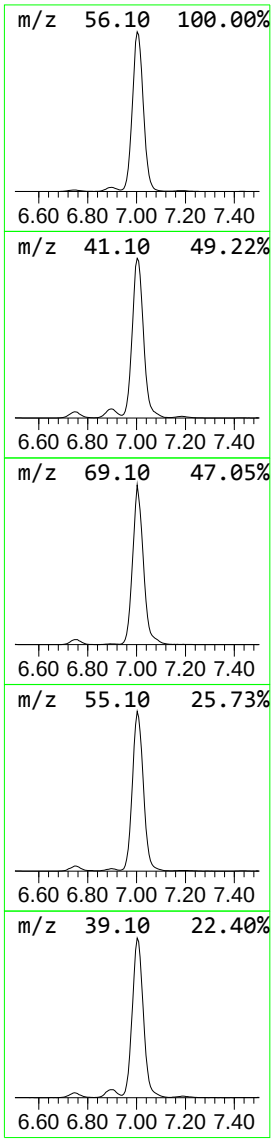
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.002	77.16 ug/l	14785700	Pentafluorobenzene	7.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

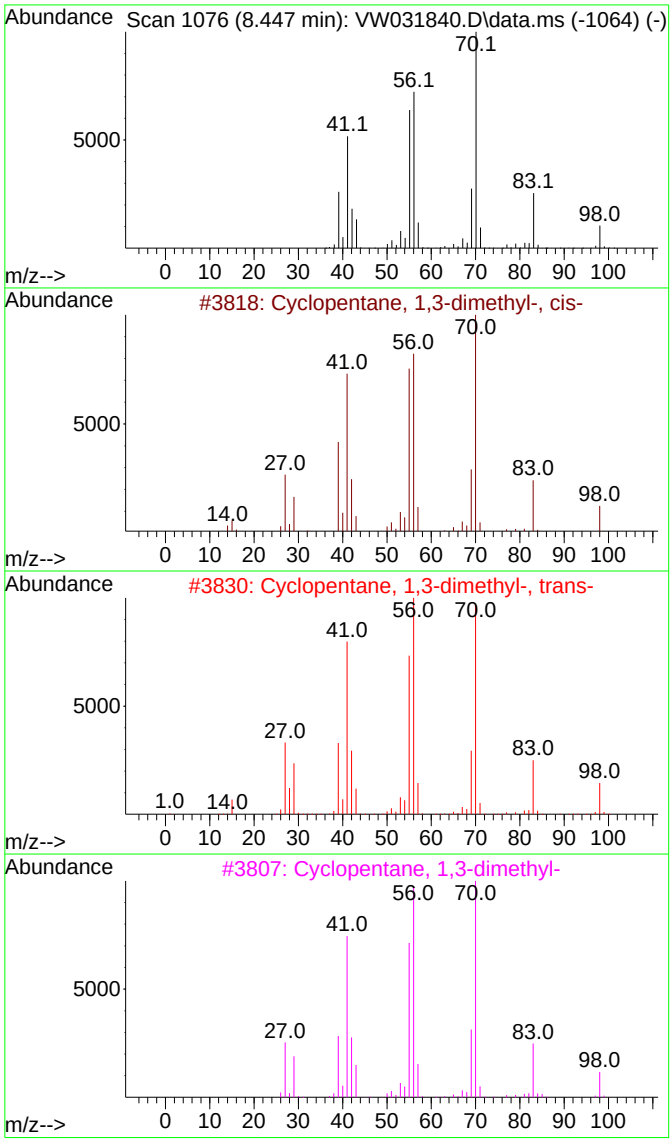
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Quant Title : SW846 8260

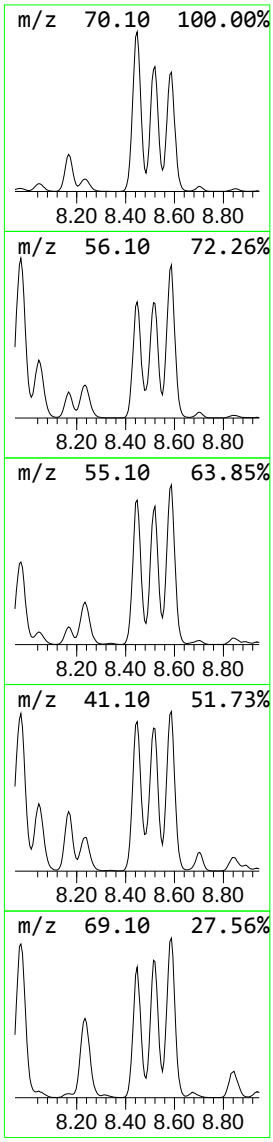
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TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,3-dimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.447	198.33 ug/l	7776150	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	50





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Data File : VW031840.D
Acq On    : 14 Jul 2025  11:16
Operator  : SY/MD
Sample    : Q2503-03
Misc      : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
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Instrument :
MSVOA_W
ClientSampleId :
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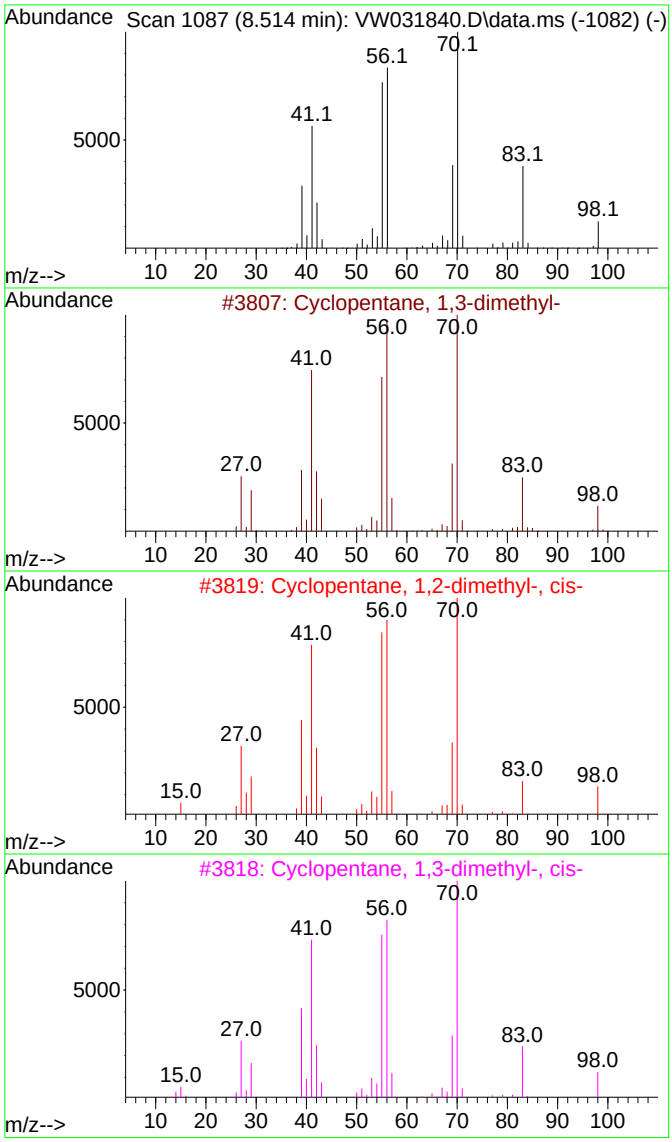
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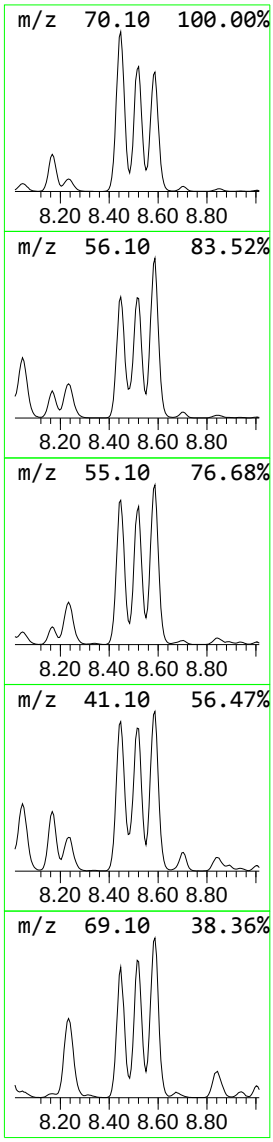
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Peak Number 3 Cyclopentane, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.514	155.15 ug/l	6082820	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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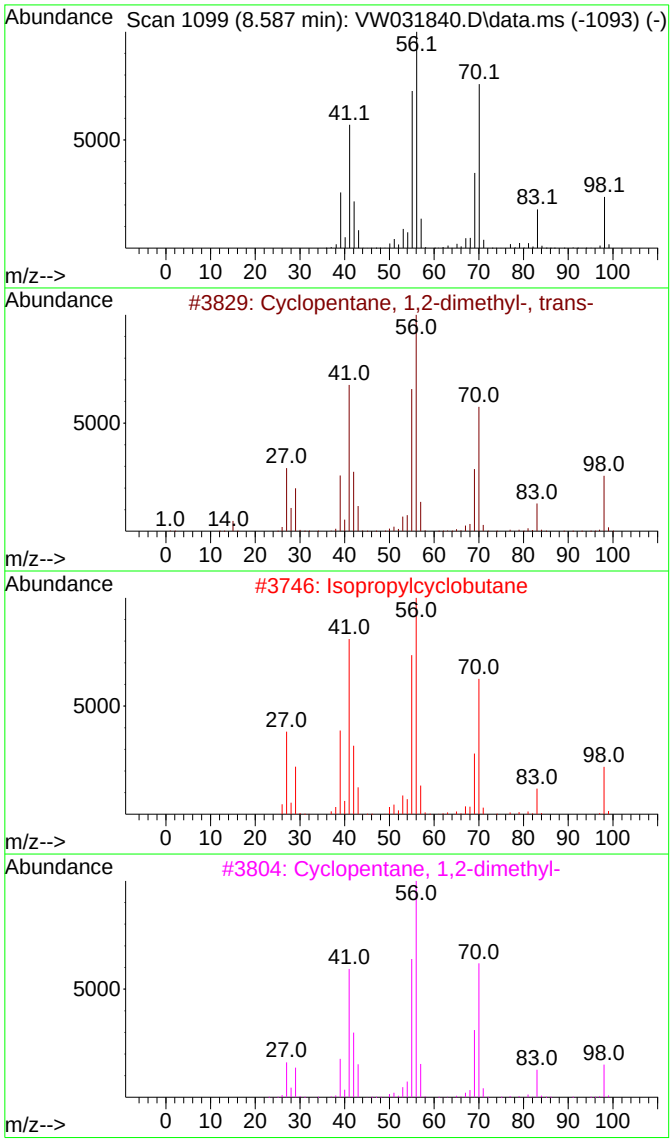
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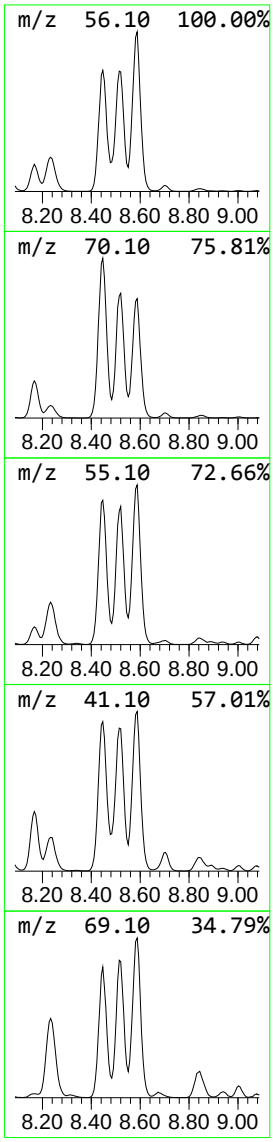
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TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,2-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	187.63 ug/l	7356660	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	59
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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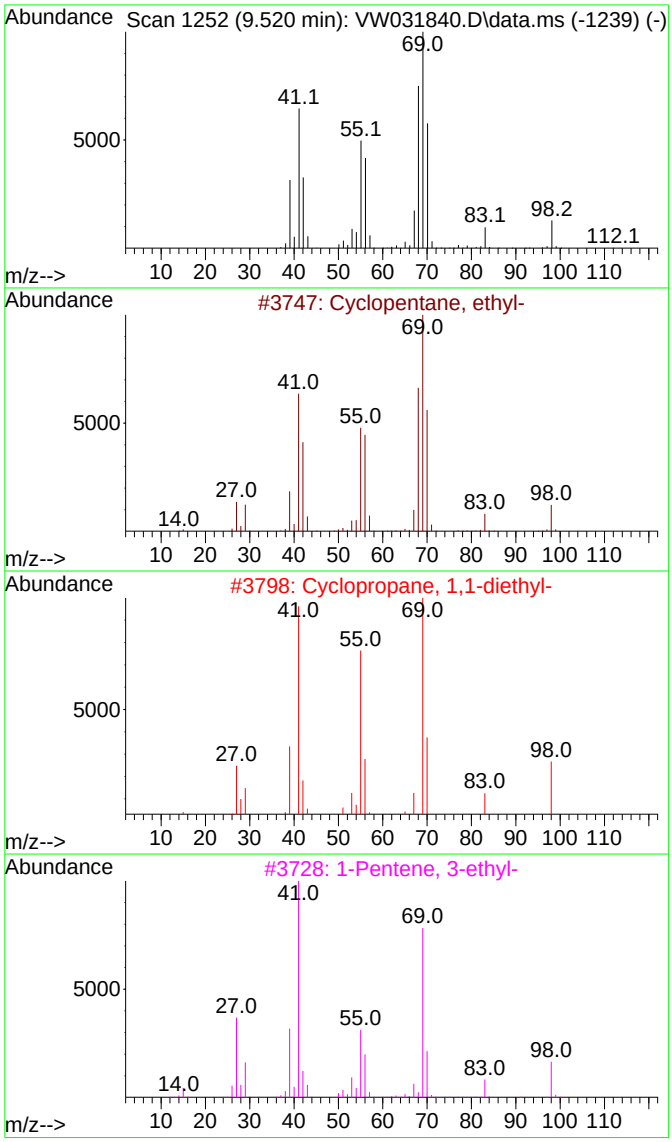
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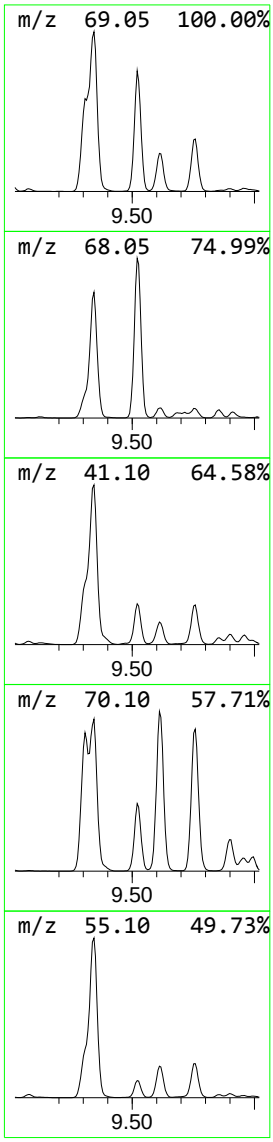
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Peak Number 5 Cyclopentane, ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.520	61.26 ug/l	2401960	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
4	3-Methyl-2-hexene	98	C7H14	017618-77-8	43
5	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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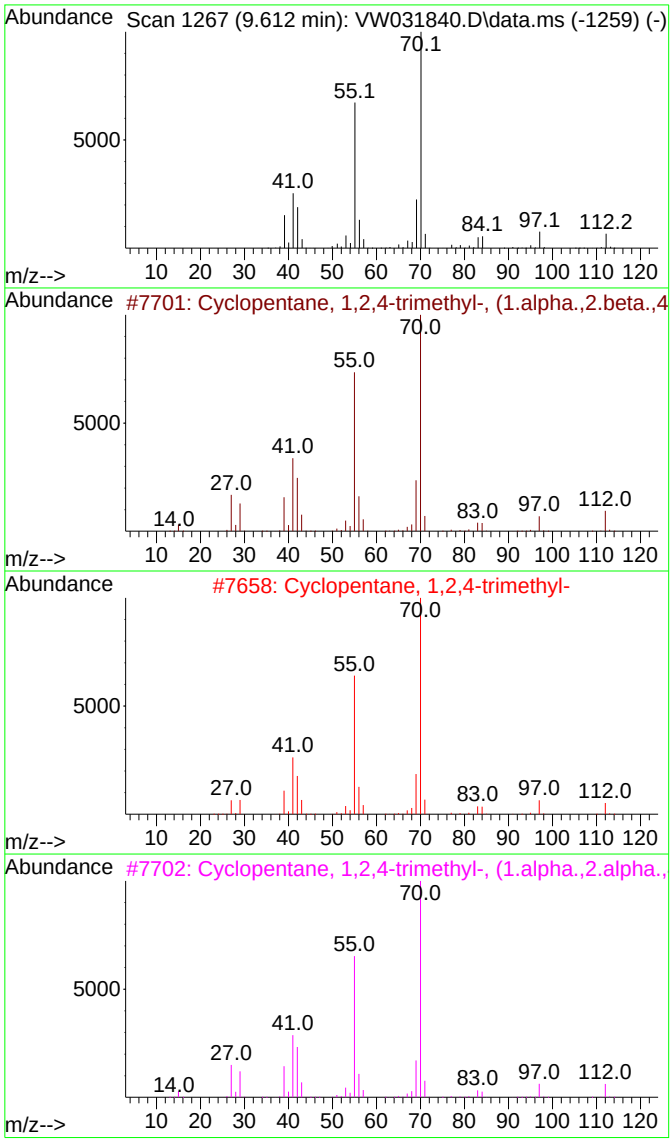
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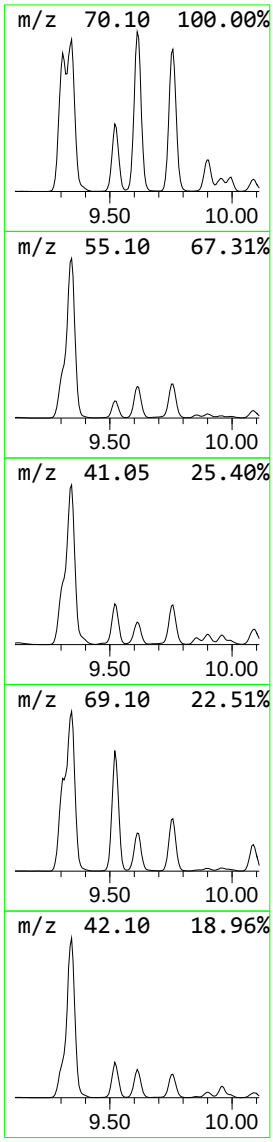
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,2,4-trimeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	53.11 ug/l	2082370	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	80
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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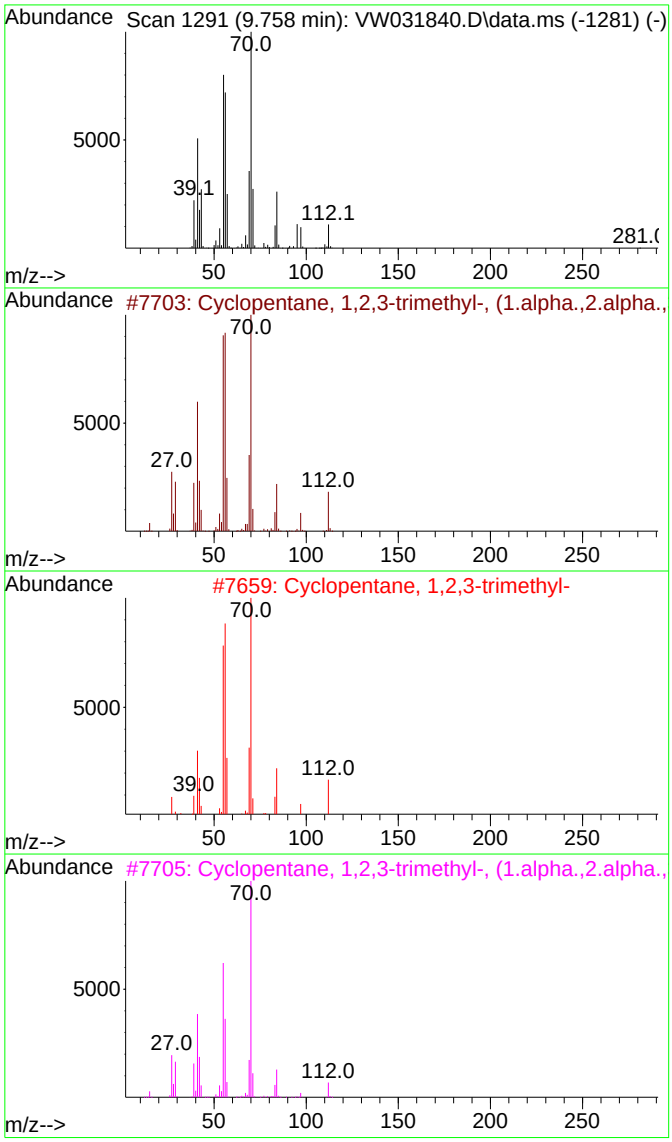
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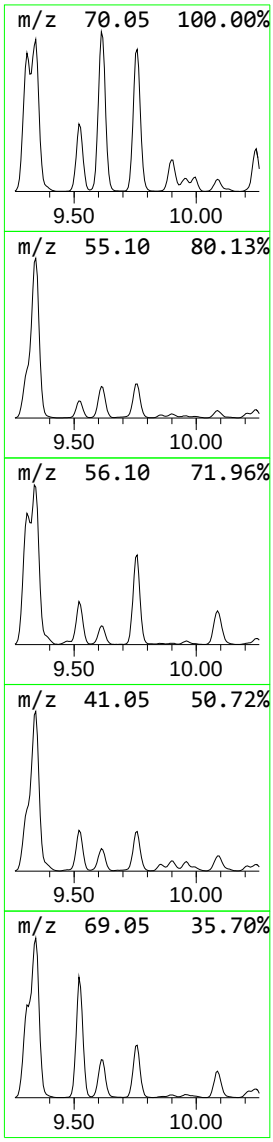
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TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2,3-trimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	88.57 ug/l	3472580	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	53
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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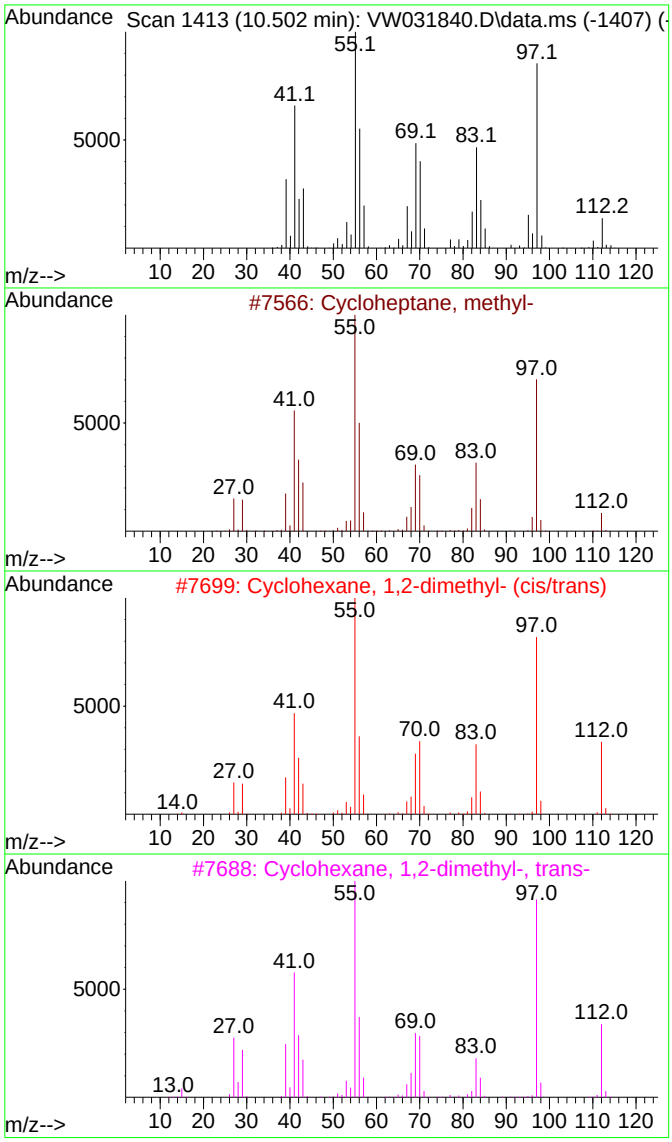
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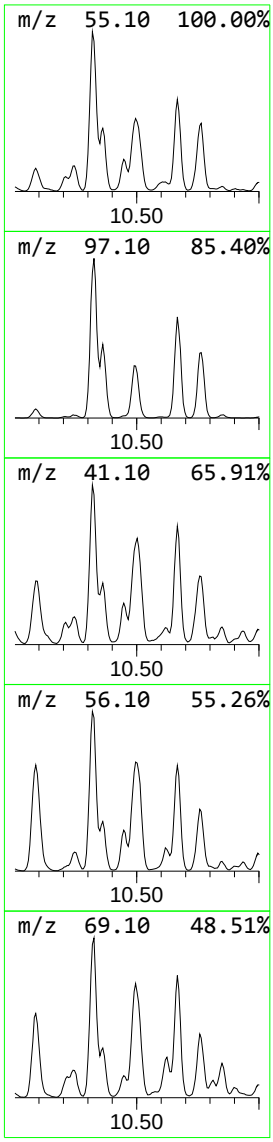
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Peak Number 8 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	104.42 ug/l	2720300	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	87
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	68
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	68
4	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	49
5	3-Octene, (Z)-	112	C8H16	014850-22-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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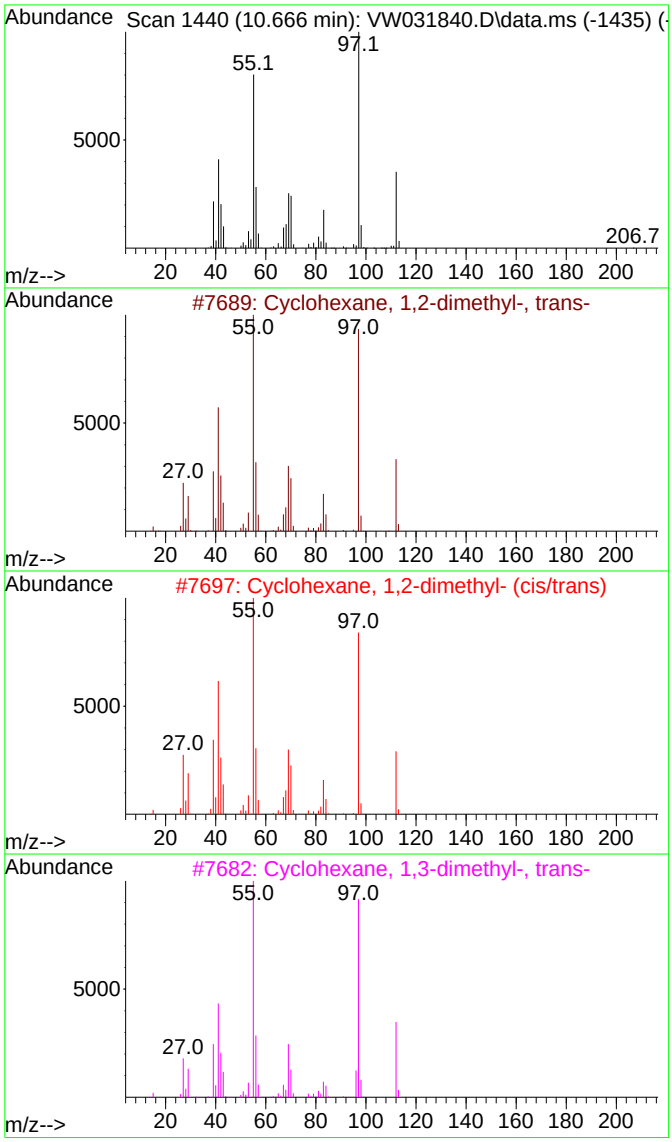
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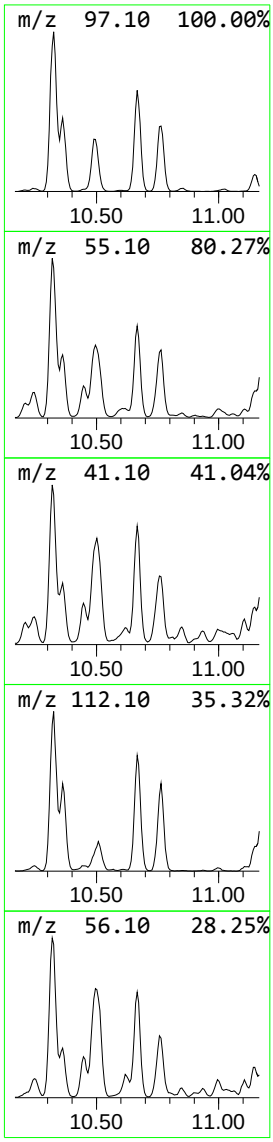
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TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	79.47 ug/l	2070330	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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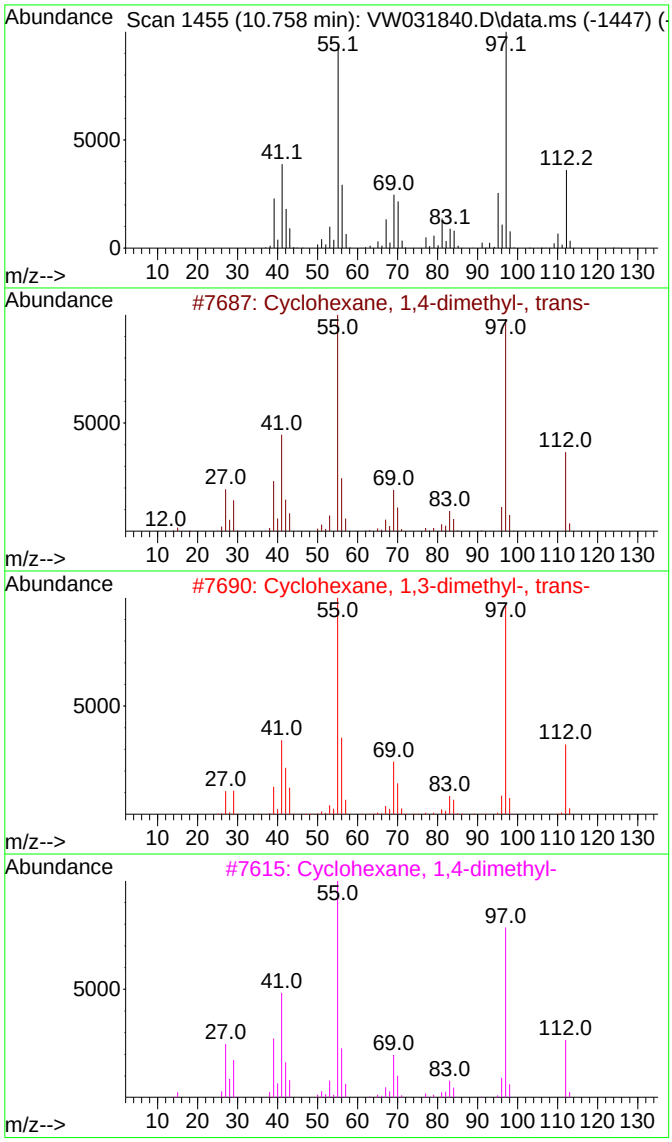
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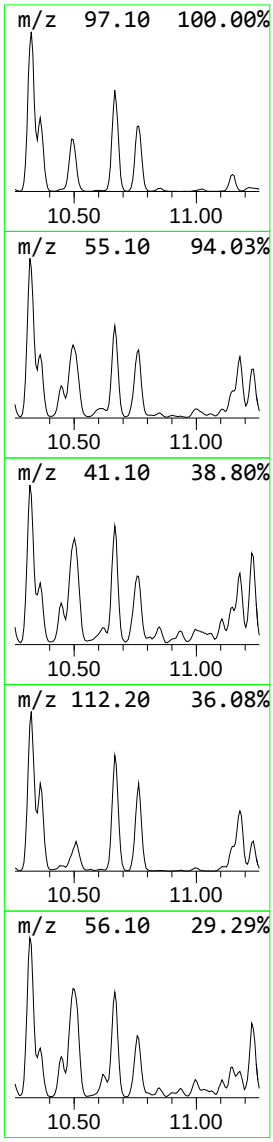
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Peak Number 10 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.758	75.28 ug/l	1961150	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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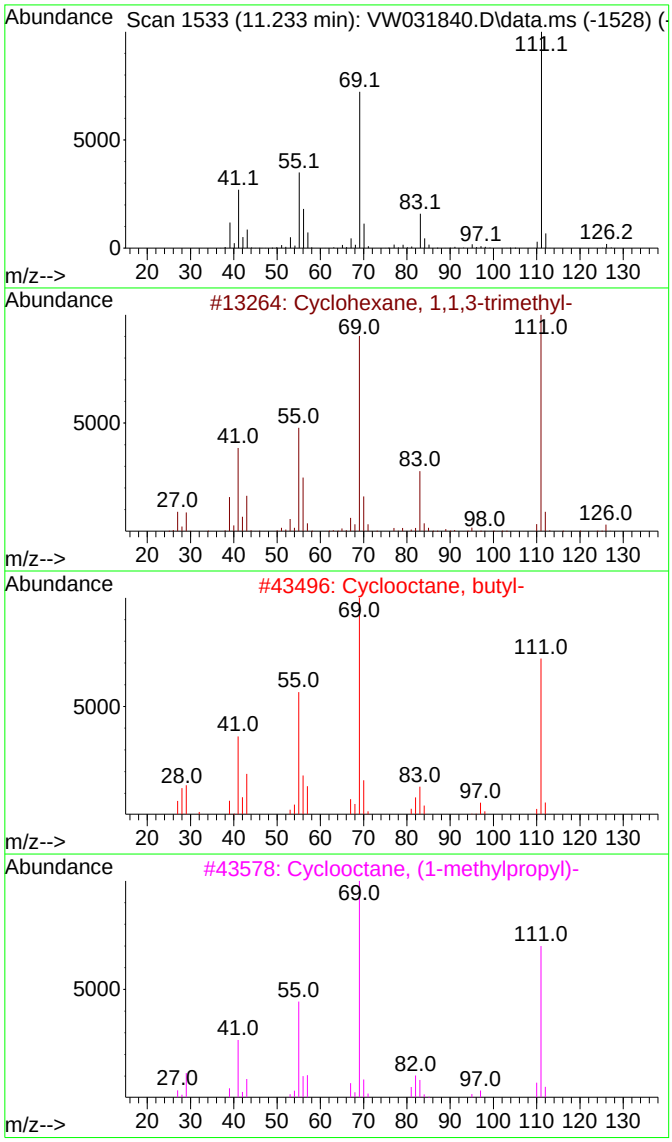
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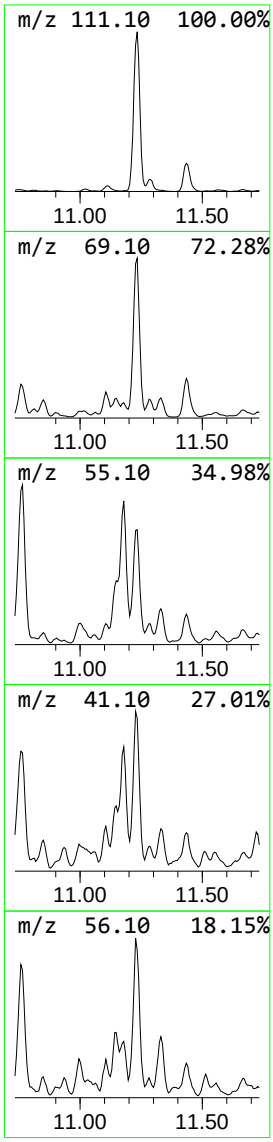
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****
Peak Number 11 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	60.41 ug/l	1573800	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	74
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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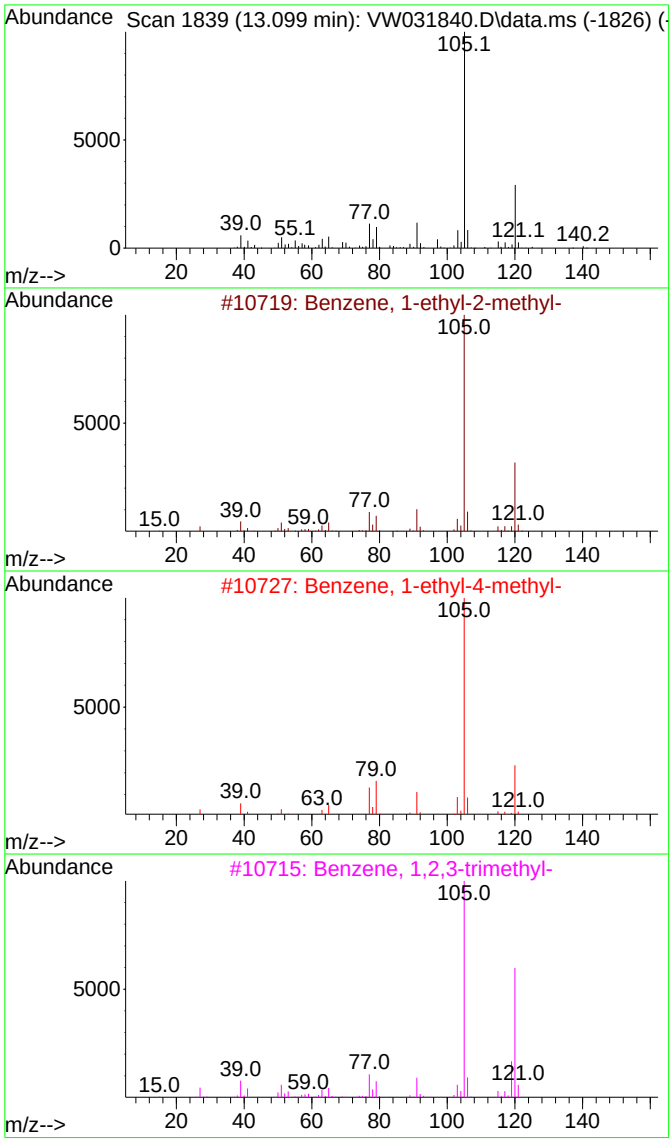
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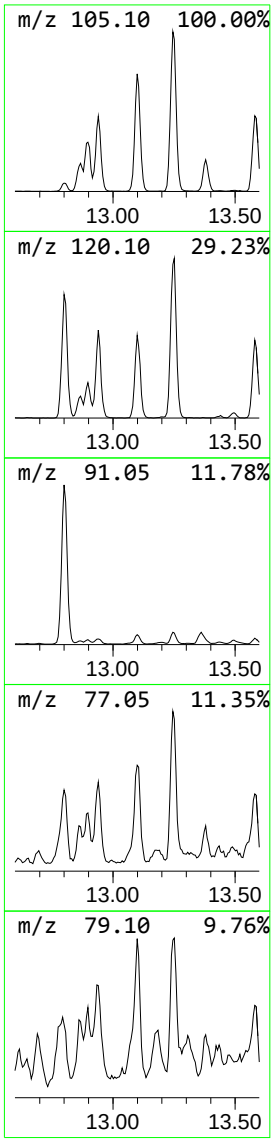
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TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	43.35 ug/l	933757	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
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Sample : Q2503-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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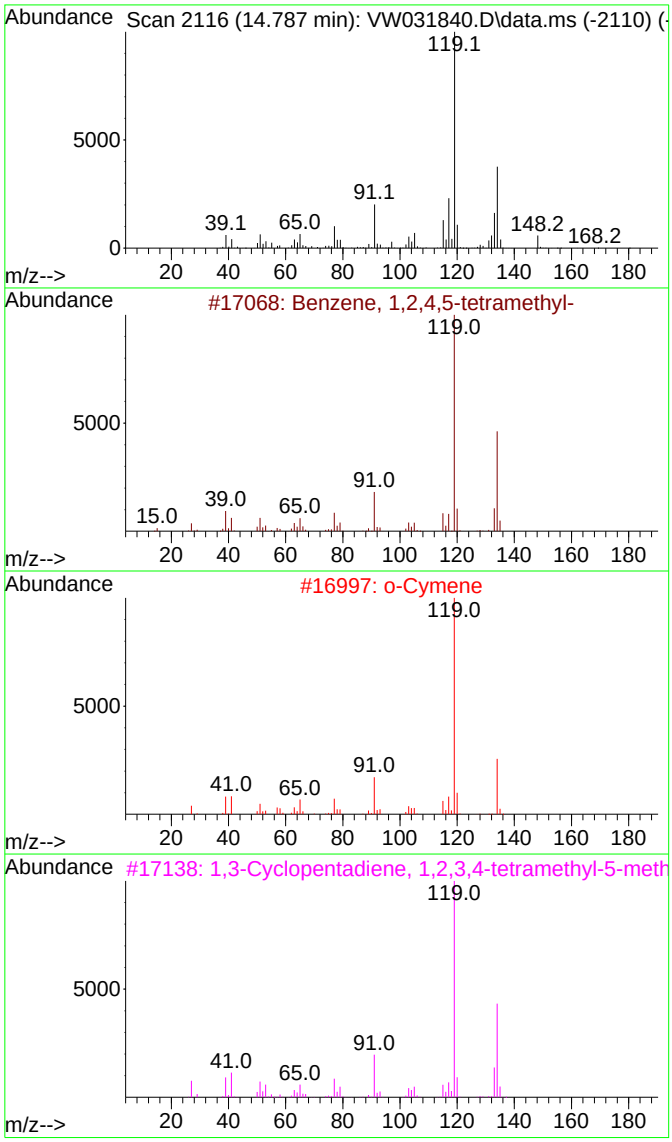
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Quant Title : SW846 8260

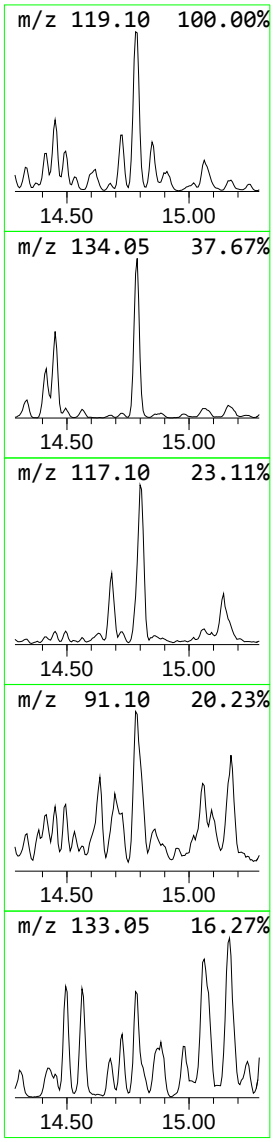
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	126.57 ug/l	2726440	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

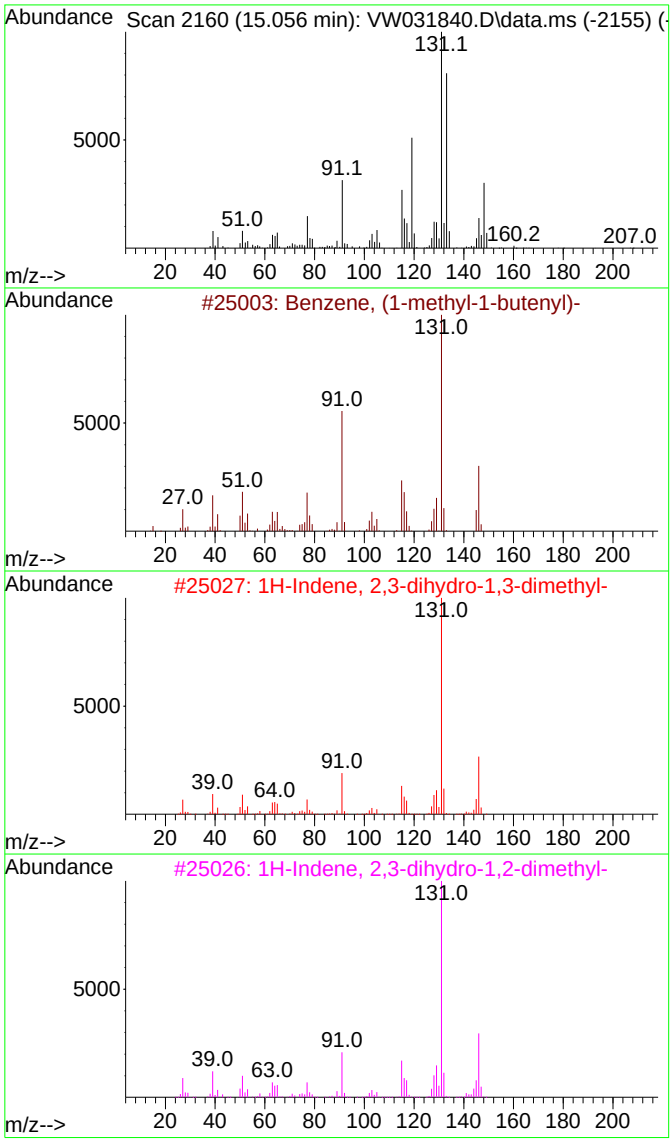
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Quant Title : SW846 8260

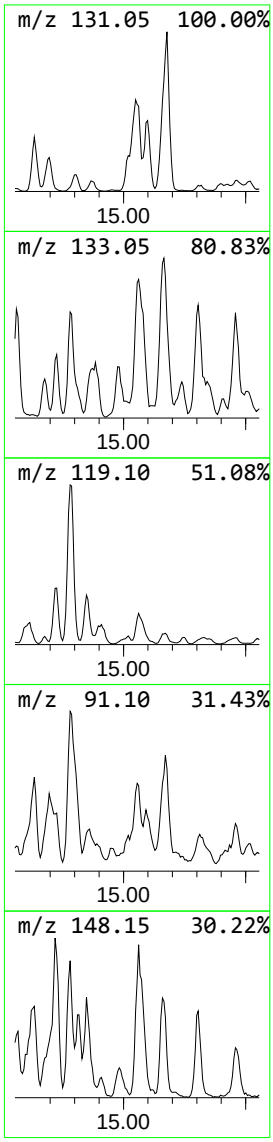
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	48.07 ug/l	1035560	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	55
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

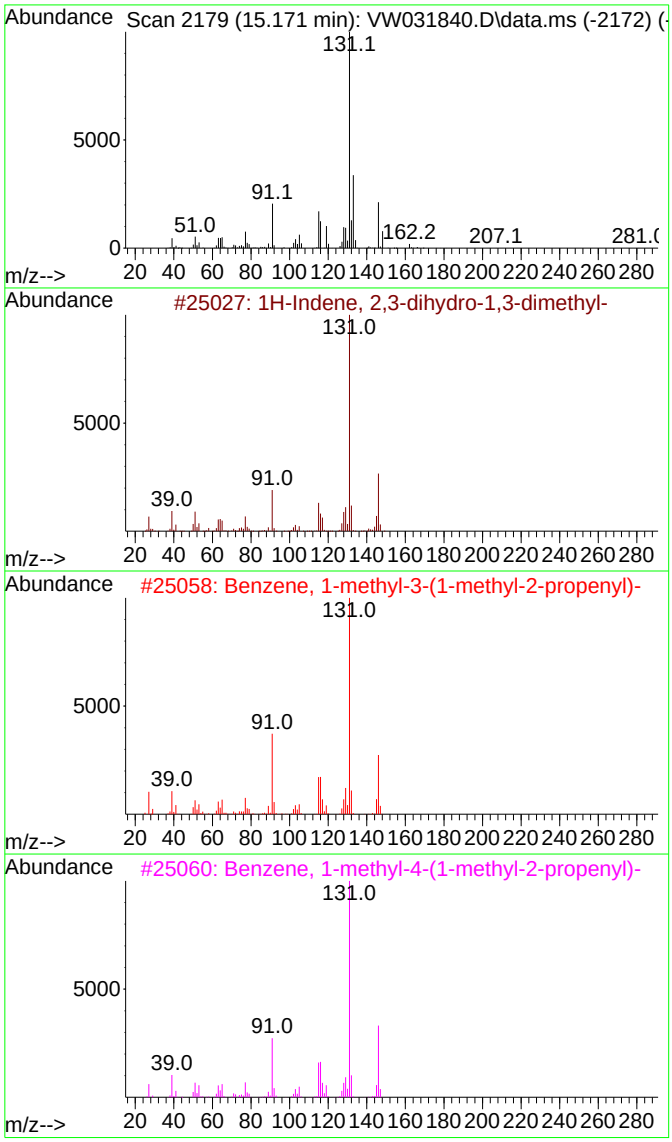
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

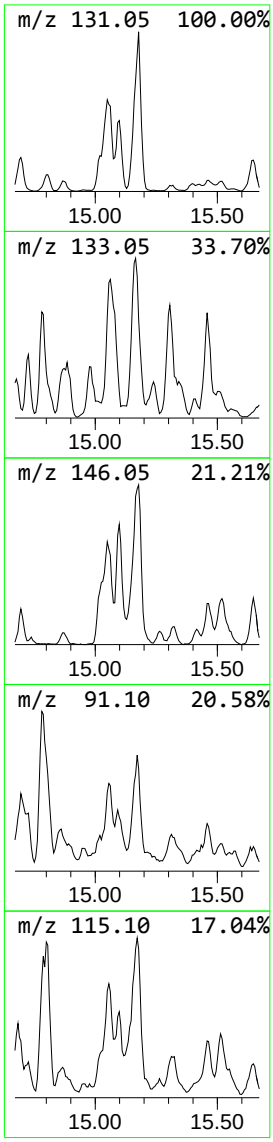
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.172	61.64 ug/l	1327770	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	74
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	74
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	74
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, m...	7.002	77.2	ug/l	14785700	1	7.959	9581730	50.0
Cyclopentane, 1...	8.447	198.3	ug/l	7776150	2	8.849	1960370	50.0
Cyclopentane, 1...	8.514	155.2	ug/l	6082820	2	8.849	1960370	50.0
Cyclopentane, 1...	8.587	187.6	ug/l	7356660	2	8.849	1960370	50.0
Cyclopentane, e...	9.520	61.3	ug/l	2401960	2	8.849	1960370	50.0
Cyclopentane, 1...	9.612	53.1	ug/l	2082370	2	8.849	1960370	50.0
Cyclopentane, 1...	9.758	88.6	ug/l	3472580	2	8.849	1960370	50.0
Cyclohexane, 1,...	10.502	104.4	ug/l	2720300	3	11.629	1302540	50.0
Cyclohexane, 1,...	10.666	79.5	ug/l	2070330	3	11.629	1302540	50.0
Cyclohexane, 1,...	10.758	75.3	ug/l	1961150	3	11.629	1302540	50.0
Cyclohexane, 1,...	11.233	60.4	ug/l	1573800	3	11.629	1302540	50.0
Benzene, 1-ethy...	13.099	43.4	ug/l	933757	4	13.556	1077040	50.0
Benzene, 1,2,4,...	14.787	126.6	ug/l	2726440	4	13.556	1077040	50.0
Benzene, (1-met...	15.056	48.1	ug/l	1035560	4	13.556	1077040	50.0
1H-Indene, 2,3-...	15.172	61.6	ug/l	1327770	4	13.556	1077040	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047009.D
Acq On : 15 Jul 2025 17:49
Operator : JC/MD
Sample : Q2503-03ME
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Quant Time: Jul 16 02:32:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

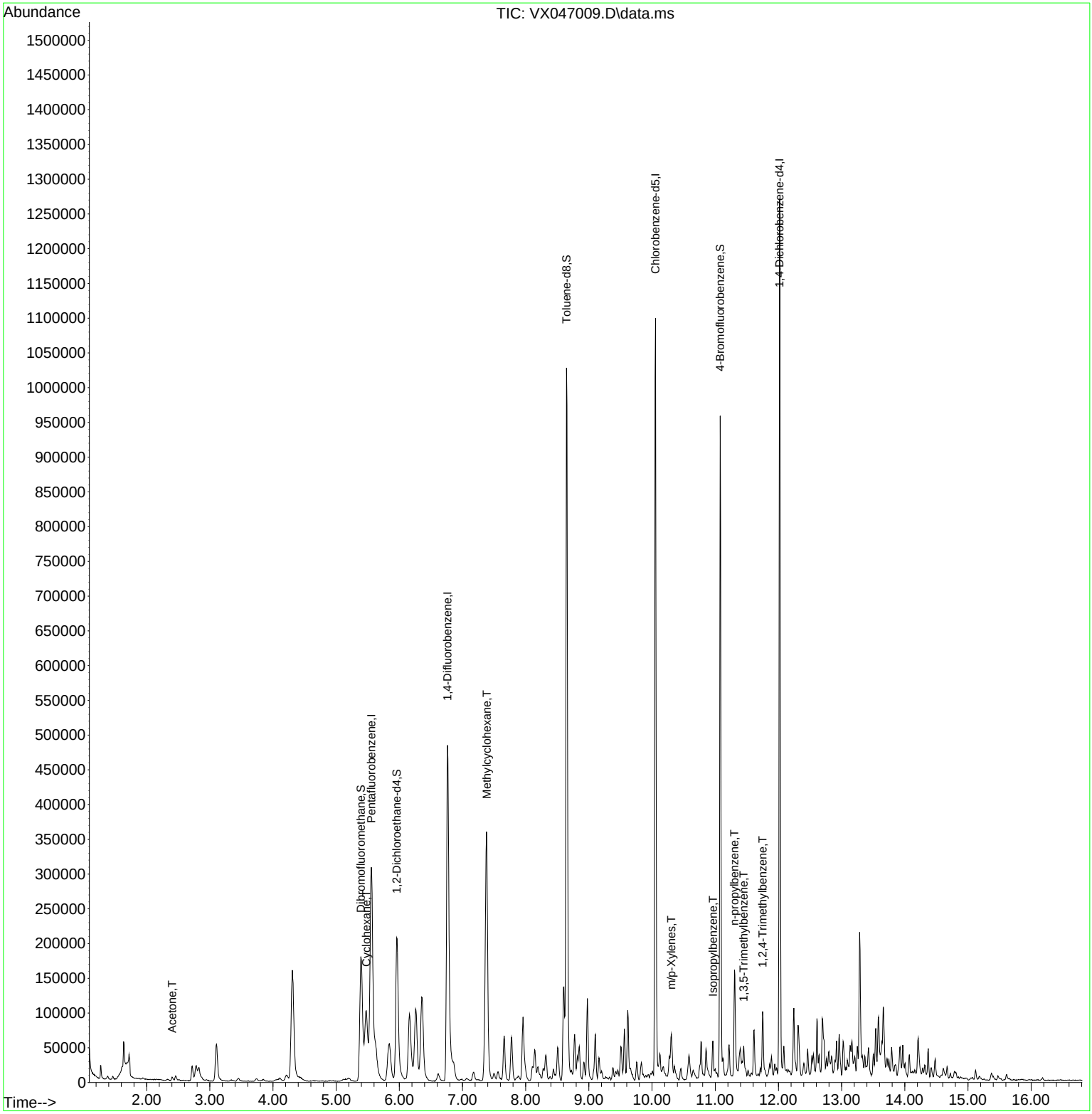
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	321586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	538656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	250920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	224013	52.728	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.460%			
35) Dibromofluoromethane	5.391	113	177800	48.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	8.647	98	616777	47.810	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.620%			
62) 4-Bromofluorobenzene	11.079	95	253024	51.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.220%			
Target Compounds						Qvalue
16) Acetone	2.404	43	5790	4.387	ug/l	90
31) Cyclohexane	5.477	56	71312	11.743	ug/l	96
39) Methylcyclohexane	7.385	83	163273	26.458	ug/l	97
68) m/p-Xylenes	10.305	106	12099	1.772	ug/l	98
73) Isopropylbenzene	10.963	105	28554	1.619	ug/l	98
78) n-propylbenzene	11.305	91	64931	3.053	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	17509	1.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	39353	2.716	ug/l	97

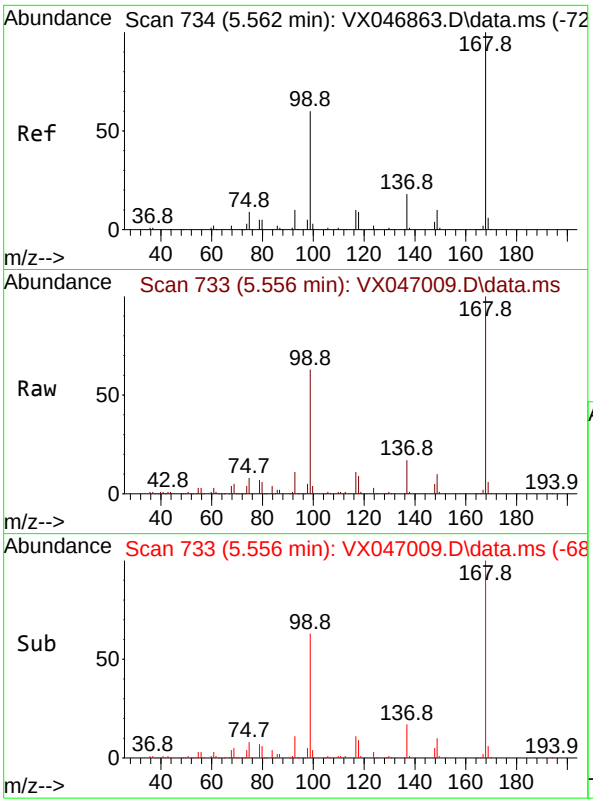
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047009.D
Acq On : 15 Jul 2025 17:49
Operator : JC/MD
Sample : Q2503-03ME
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Quant Time: Jul 16 02:32:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



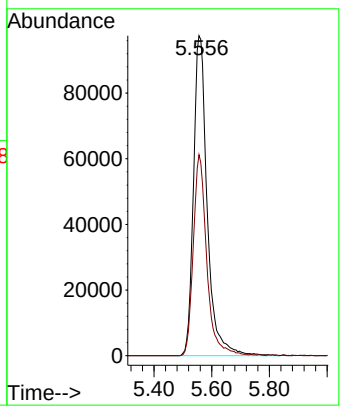


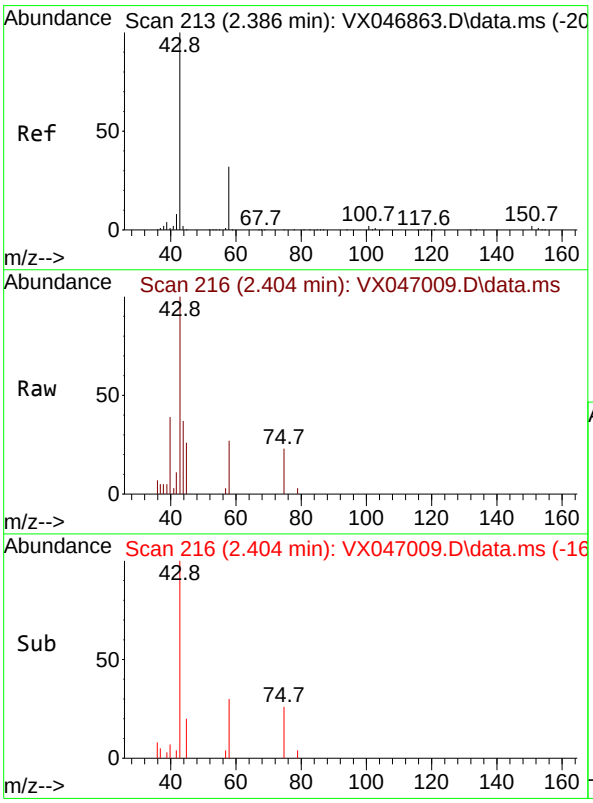
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:168 Resp: 321586

Ion	Ratio	Lower	Upper
168	100		
99	62.8	48.8	73.2

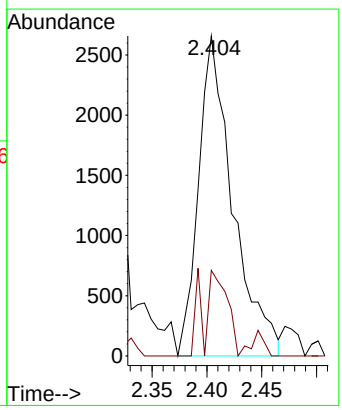


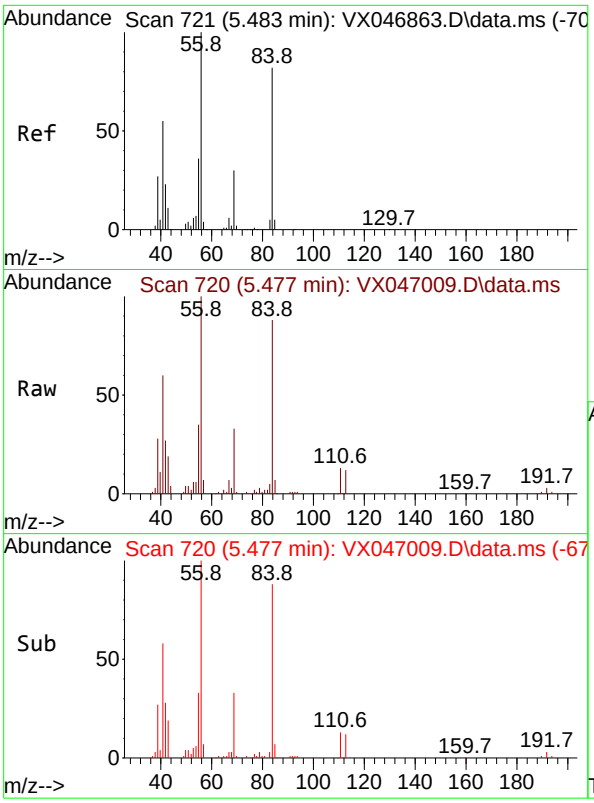


#16
Acetone
Concen: 4.387 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 43 Resp: 5790

Ion	Ratio	Lower	Upper
43	100		
58	26.7	25.8	38.6



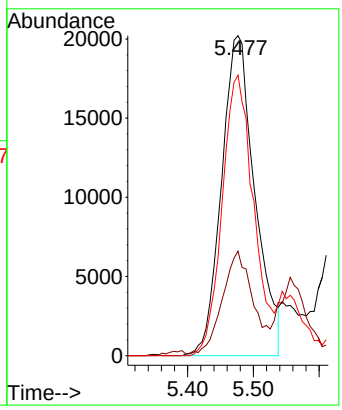


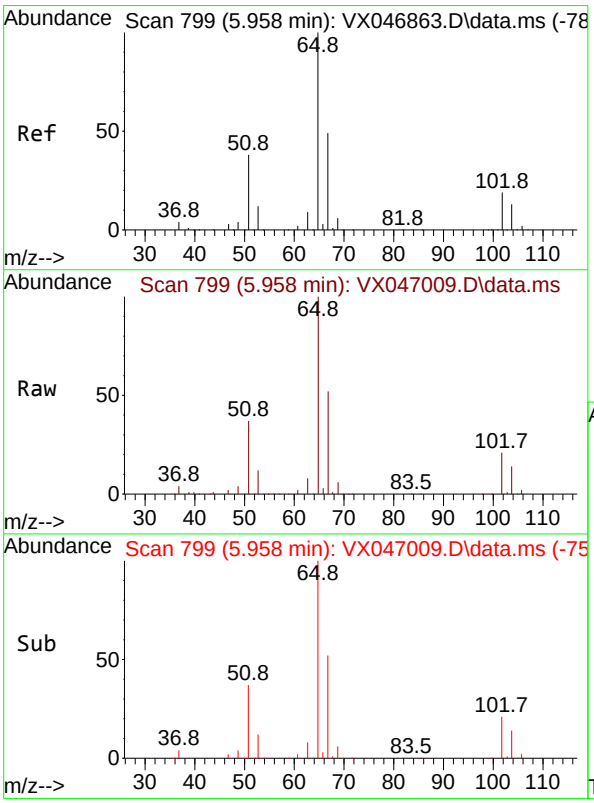
#31
Cyclohexane
Concen: 11.743 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion: 56 Resp: 71312

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.0	36.0
84	87.6	66.5	99.7

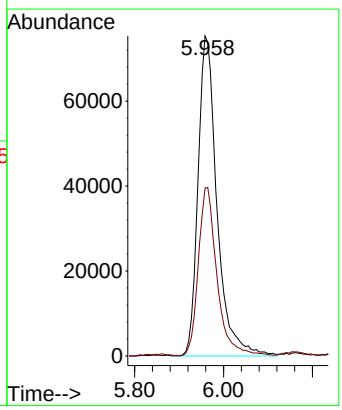


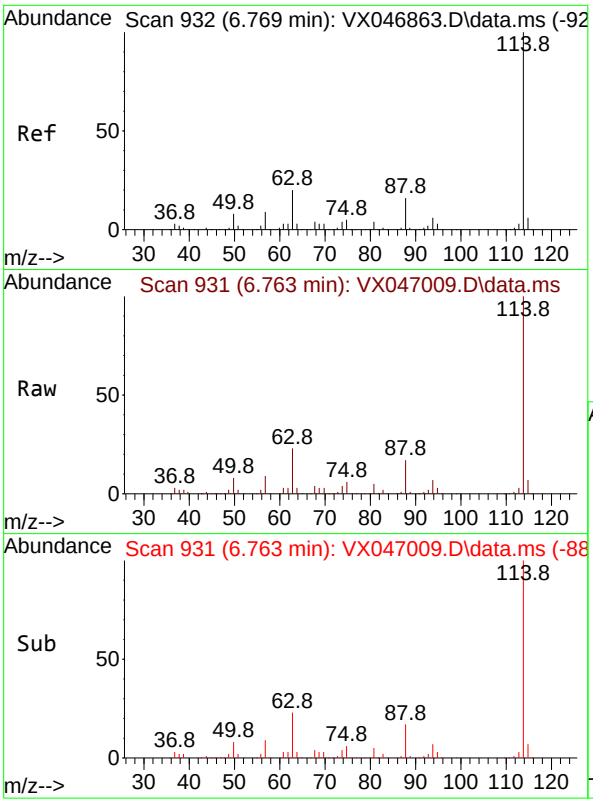


#33
1,2-Dichloroethane-d4
Concen: 52.728 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 65 Resp: 224013

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.2



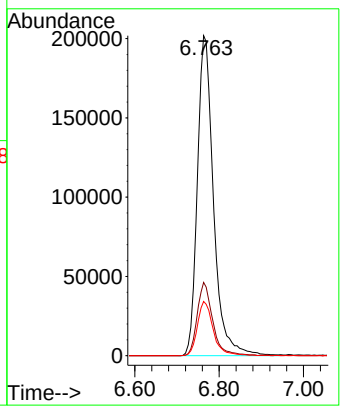


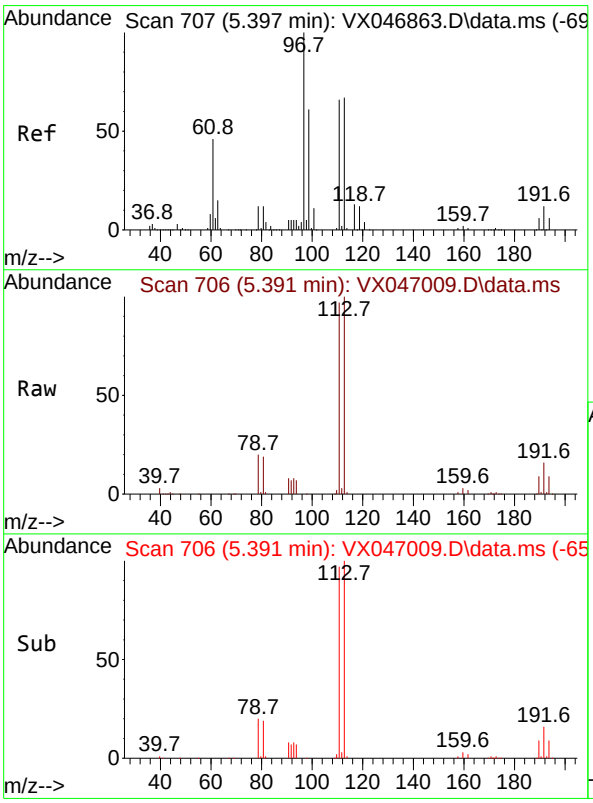
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:114 Resp: 538656

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	40.4
88	17.0	0.0	31.0

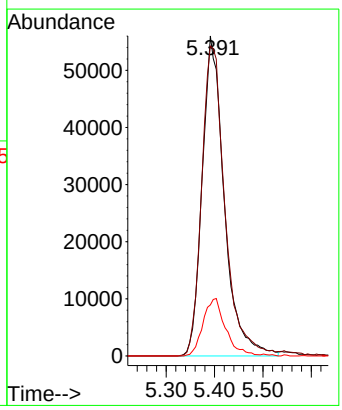




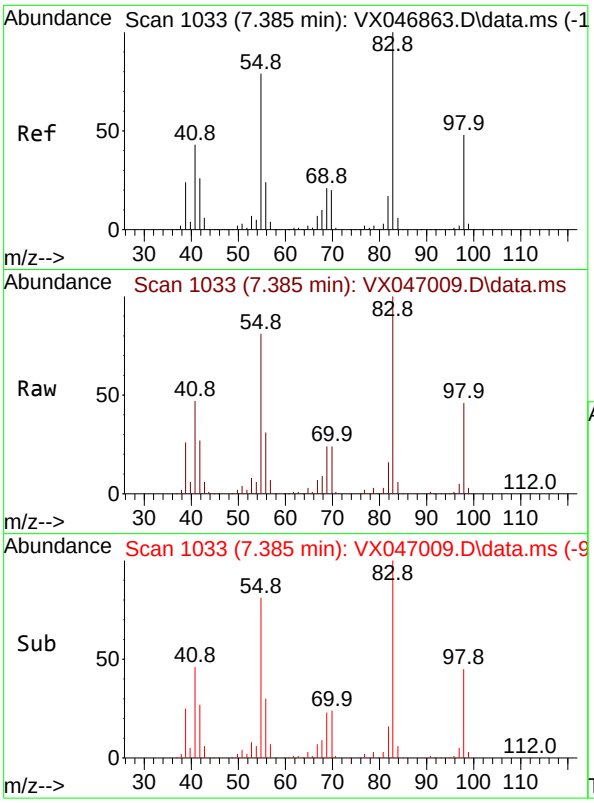
#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:113 Resp: 177800

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	18.3	15.3	22.9



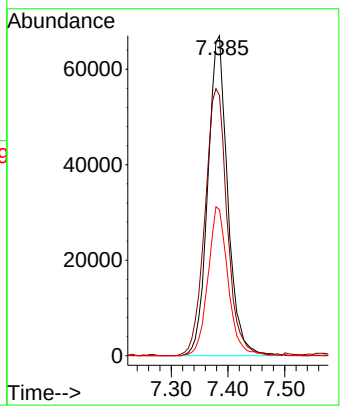
Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

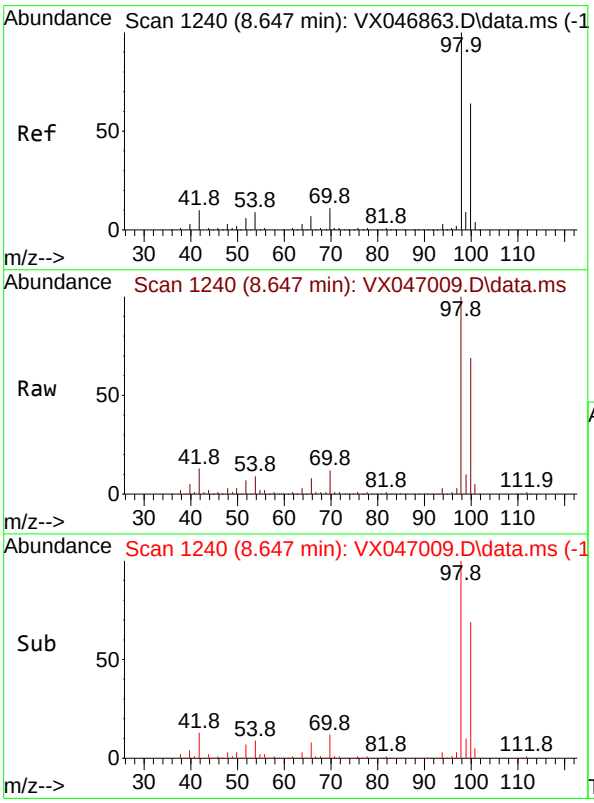


#39
Methylcyclohexane
Concen: 26.458 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 83 Resp: 163273

Ion	Ratio	Lower	Upper
83	100		
55	81.2	63.0	94.4
98	45.6	38.5	57.7

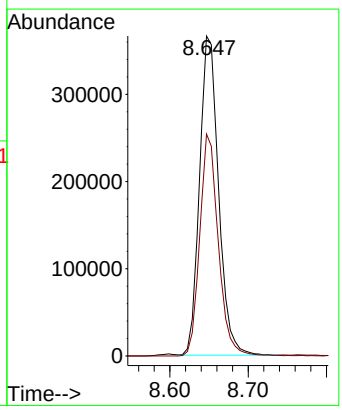


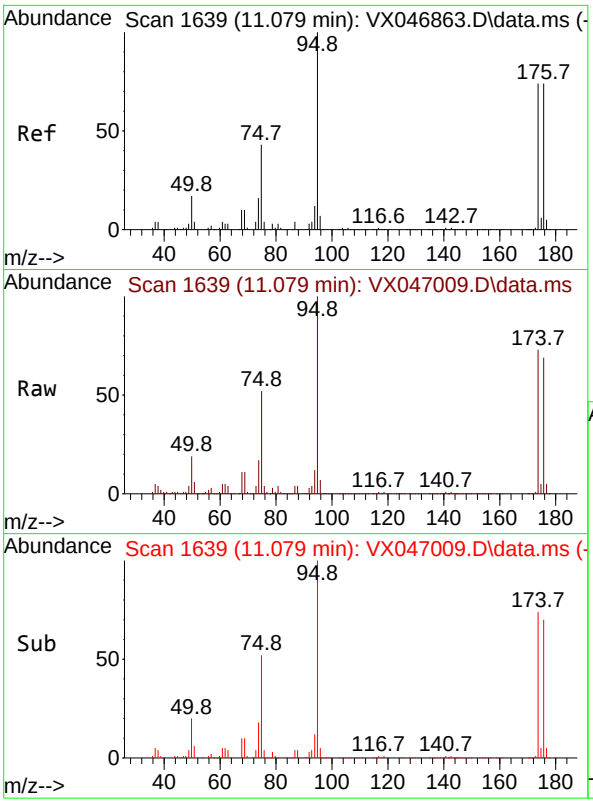


#50
Toluene-d8
Concen: 47.810 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 98 Resp: 616777

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.6



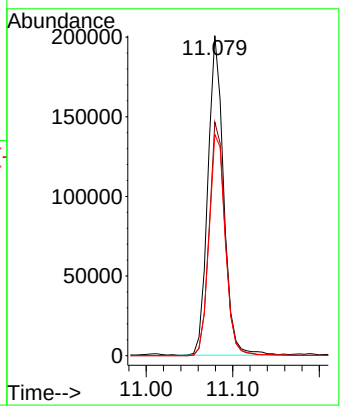


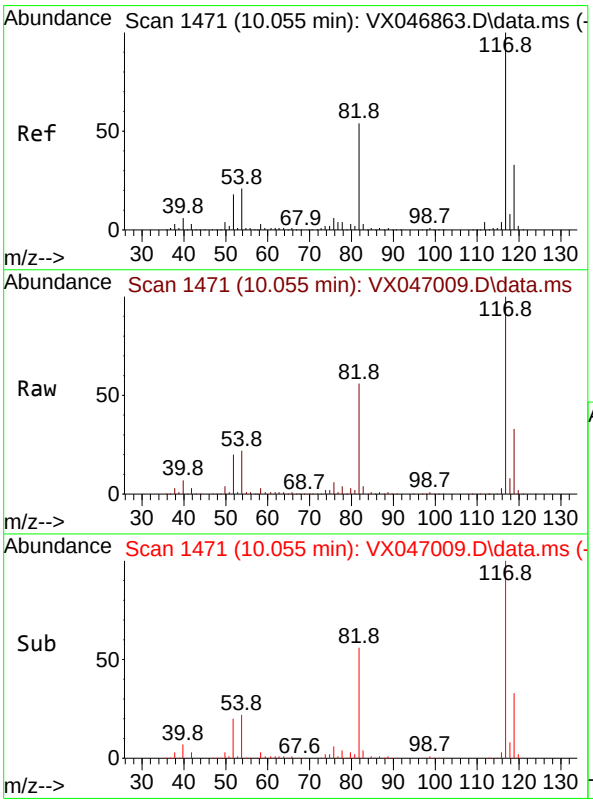
#62
4-Bromofluorobenzene
Concen: 51.606 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion: 95 Resp: 253024

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	152.0
176	72.1	0.0	145.2

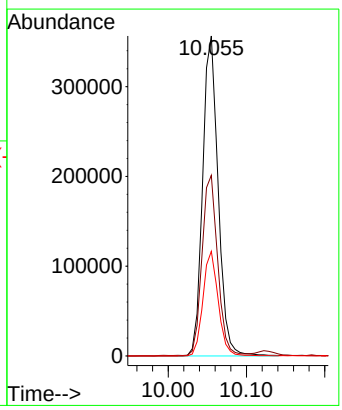


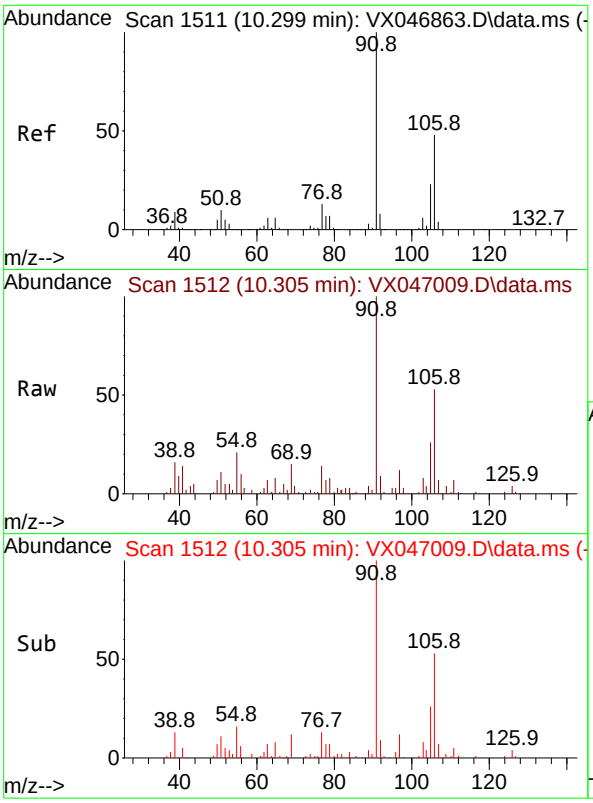


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:117 Resp: 489470

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	32.7	26.4	39.6



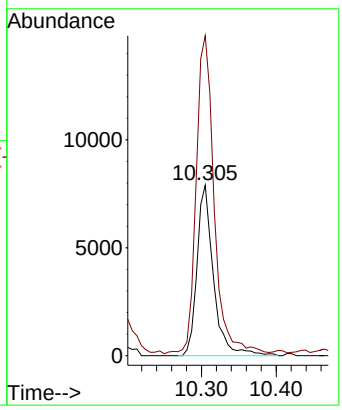


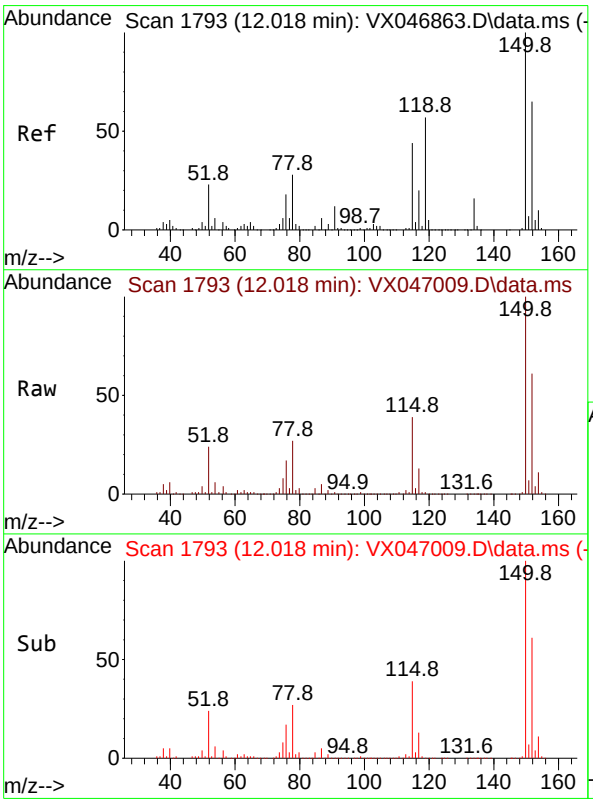
#68
m/p-Xylenes
Concen: 1.772 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:106 Resp: 12099

Ion	Ratio	Lower	Upper
106	100		
91	203.0	164.6	246.8

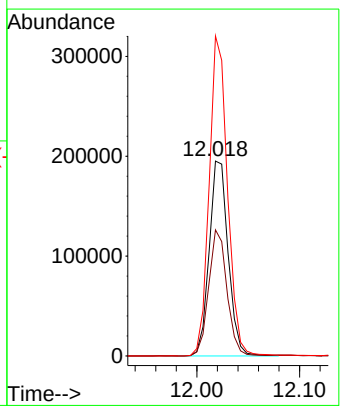


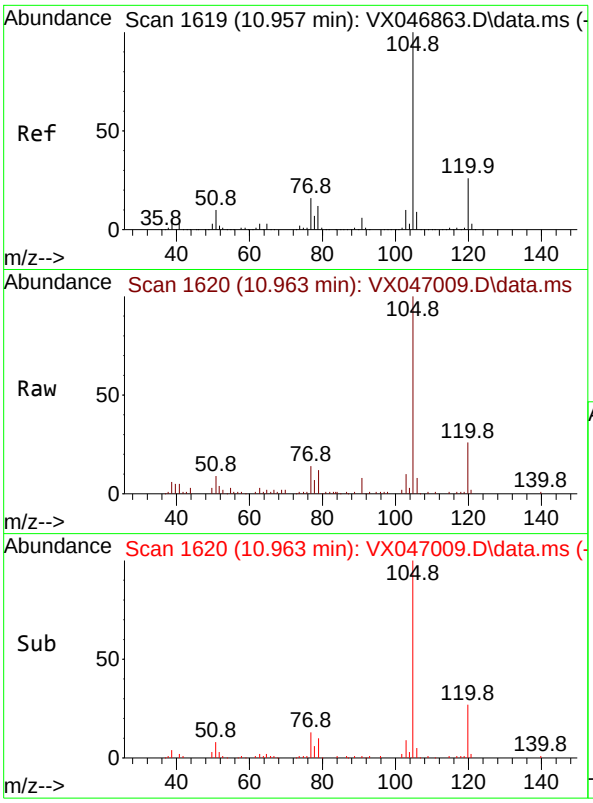


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:152 Resp: 250920

Ion	Ratio	Lower	Upper
152	100		
115	62.1	42.4	127.1
150	158.7	0.0	349.2



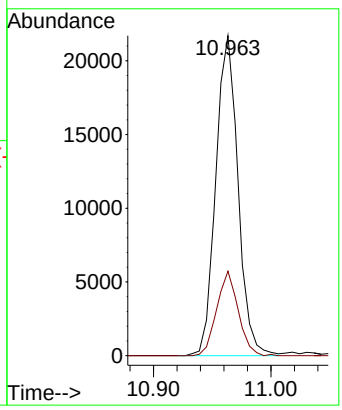


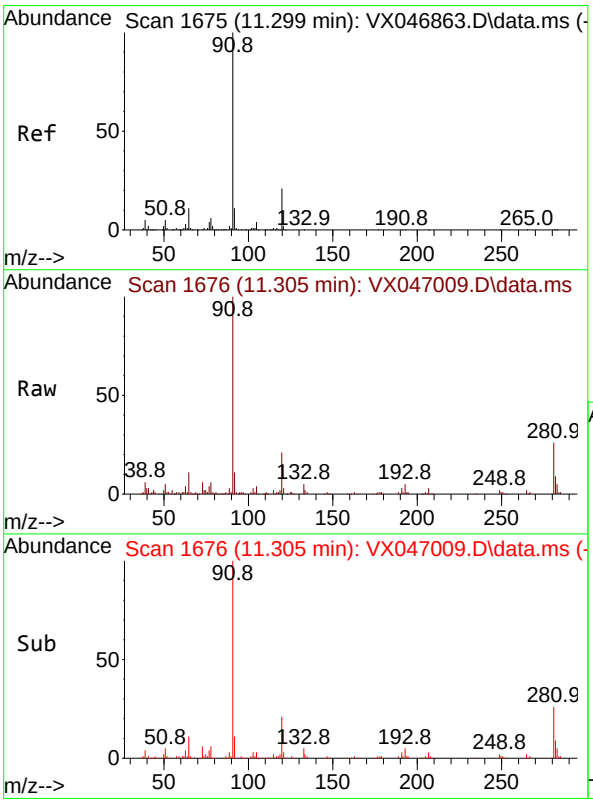
#73
Isopropylbenzene
Concen: 1.619 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:105 Resp: 28554

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.5

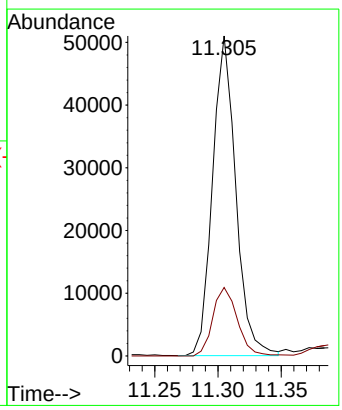


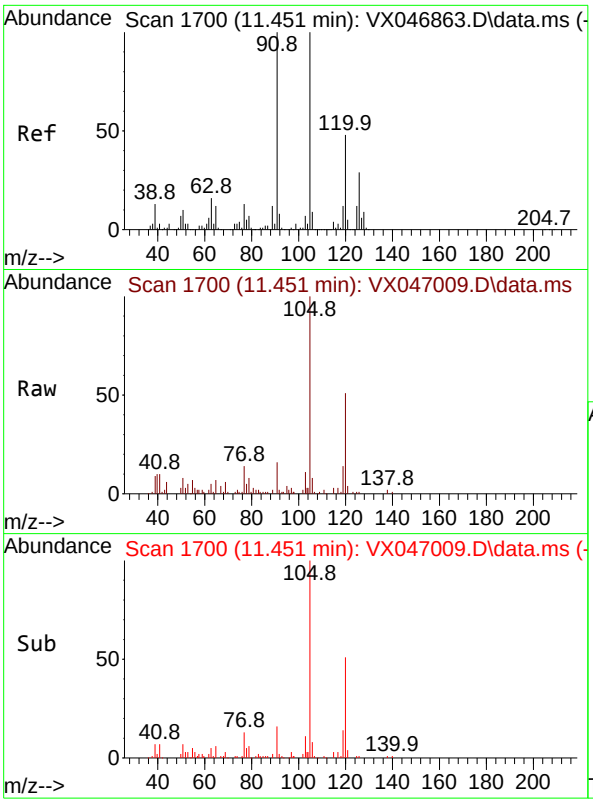


#78
n-propylbenzene
Concen: 3.053 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 91 Resp: 64931

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.2	33.5



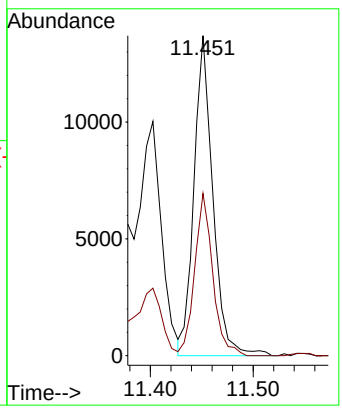


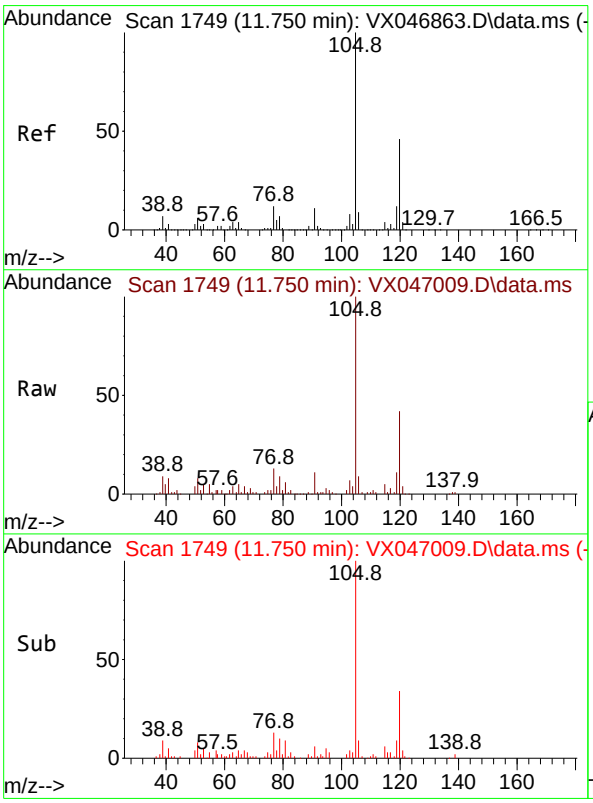
#80
1,3,5-Trimethylbenzene
Concen: 1.222 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:105 Resp: 17509

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.4

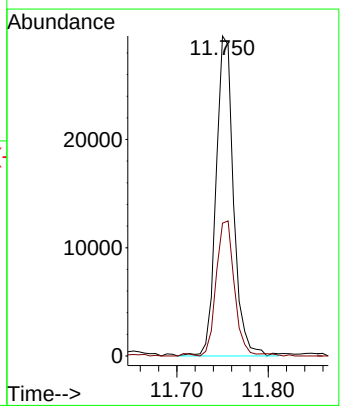




#84
1,2,4-Trimethylbenzene
Concen: 2.716 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:105 Resp: 39353

Ion	Ratio	Lower	Upper
105	100		
120	44.2	23.3	69.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 15 04:17:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.965	168	198013	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.855	114	378189	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	323667	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	116915	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	125286	44.088	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 88.180%				
35) Dibromofluoromethane	7.904	113	117378	47.563	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 95.120%				
50) Toluene-d8	10.331	98	472486	51.448	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.900%				
62) 4-Bromofluorobenzene	12.617	95	134818	39.891	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 79.780%				
Target Compounds							Qvalue
16) Acetone	4.161	43	149166	212.371	ug/l	#	86
17) Carbon Disulfide	4.429	76	29177	4.621	ug/l		97
25) 2-Butanone	7.197	43	67189	73.529	ug/l	#	83
31) Cyclohexane	7.978	56	3012131	744.435	ug/l		94
39) Methylcyclohexane	9.349	83	7057937	1588.537	ug/l		96
52) Toluene	10.392	92	58077	8.585	ug/l		100
67) Ethyl Benzene	11.733	91	153523	12.398	ug/l		95
68) m/p-Xylenes	11.843	106	624353	131.159	ug/l		98
69) o-Xylene	12.166	106	105452	23.926	ug/l		95
73) Isopropylbenzene	12.464	105	521961	58.692	ug/l		99
78) n-propylbenzene	12.800	91	978725	91.904	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	903463	122.731	ug/l		99
83) tert-Butylbenzene	13.202	119	12216	1.937	ug/l		92
84) 1,2,4-Trimethylbenzene	13.245	105	2453174	328.905	ug/l		98
85) sec-Butylbenzene	13.379	105	44735m	4.727	ug/l		
86) p-Isopropyltoluene	13.495	119	80598	10.333	ug/l		99
89) n-Butylbenzene	13.812	91	11864m	1.565	ug/l		
95) Naphthalene	15.360	128	7035	1.280	ug/l	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

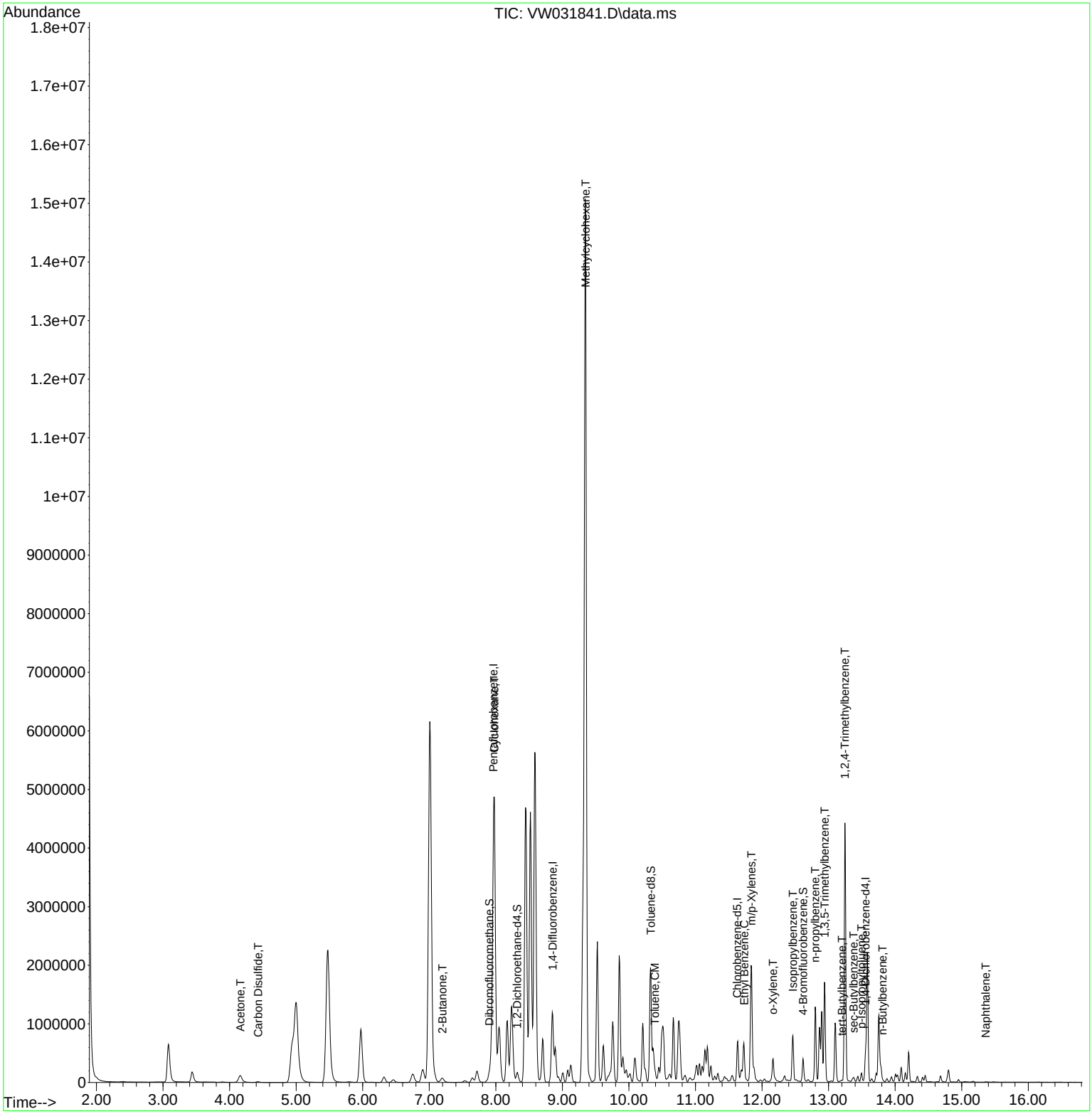
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

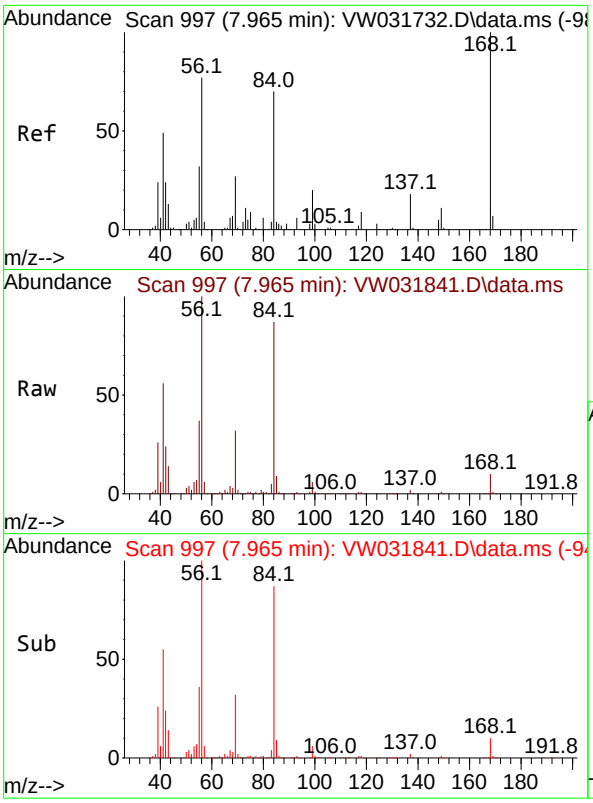
Quant Time: Jul 15 04:17:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

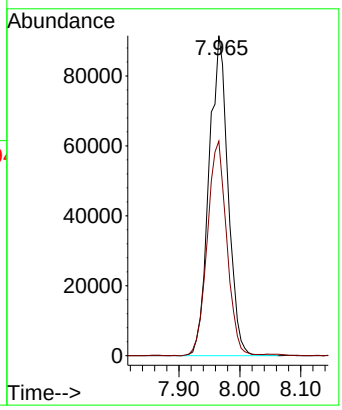
Tgt Ion:168 Resp: 19801

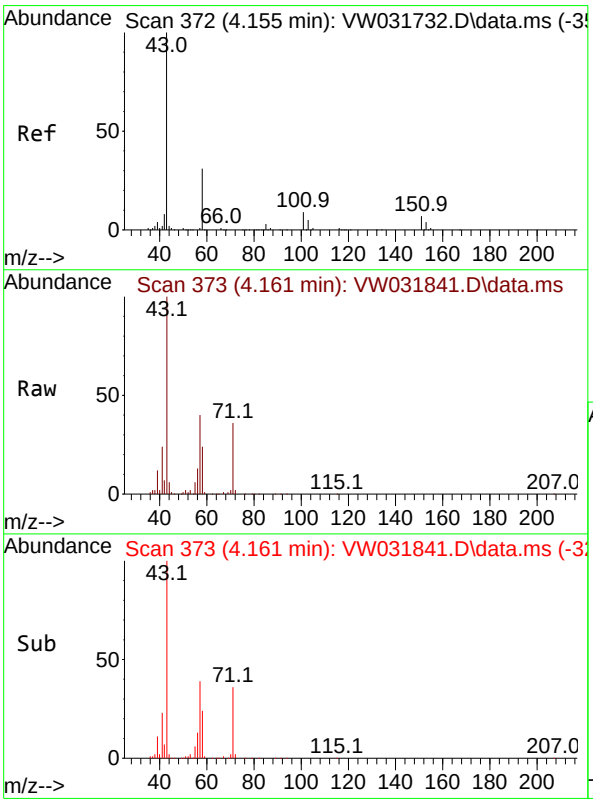
Ion	Ratio	Lower	Upper
168	100		
99	67.0	49.4	74.2

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

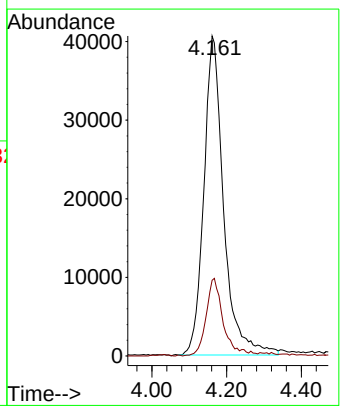


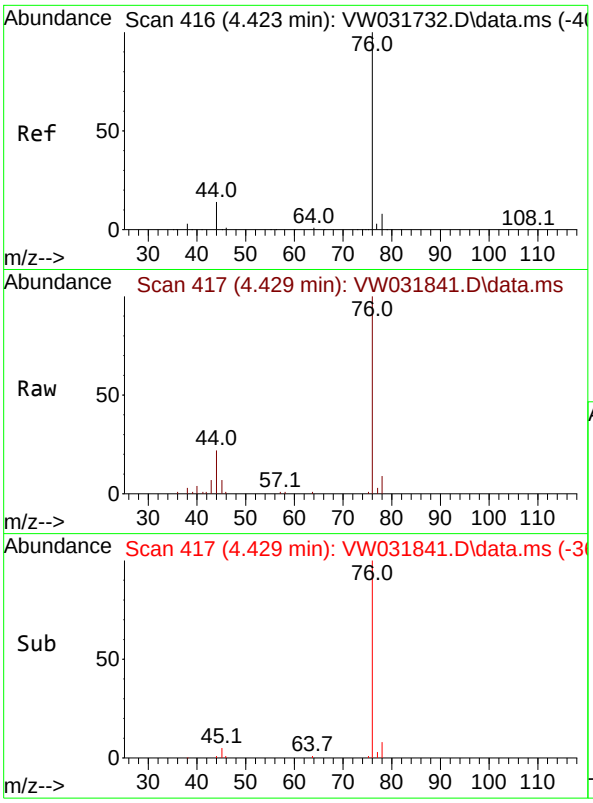


#16
Acetone
Concen: 212.371 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 43 Resp: 149166

Ion	Ratio	Lower	Upper
43	100		
58	23.5	24.8	37.2#

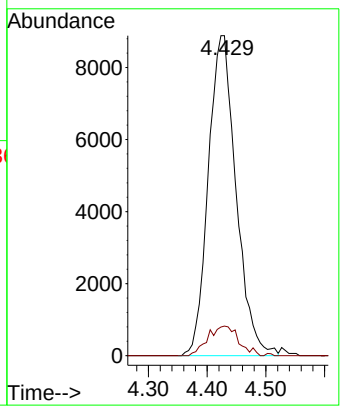




#17
Carbon Disulfide
Concen: 4.621 ug/l
RT: 4.429 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 76 Resp: 2917

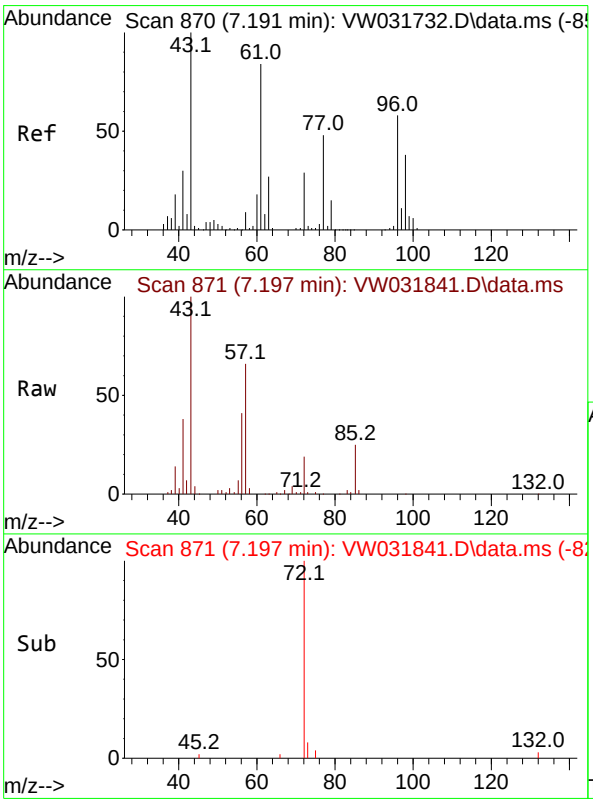
Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.6	10.0



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

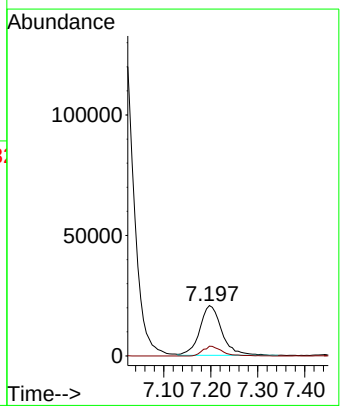
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

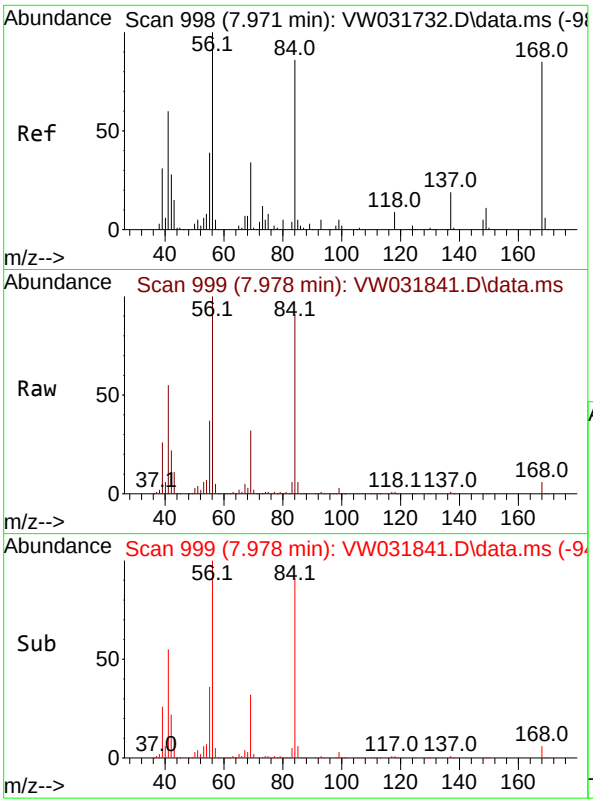


#25
2-Butanone
Concen: 73.529 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 43 Resp: 67189

Ion	Ratio	Lower	Upper
43	100		
72	19.7	23.0	34.6#

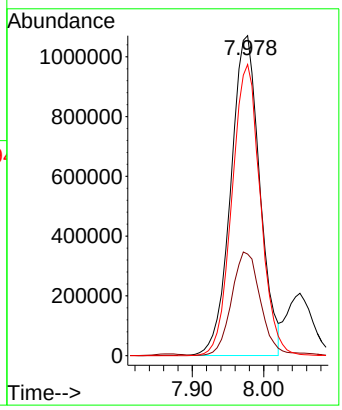




#31
Cyclohexane
Concen: 744.435 ug/l
RT: 7.978 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 56 Resp: 301213

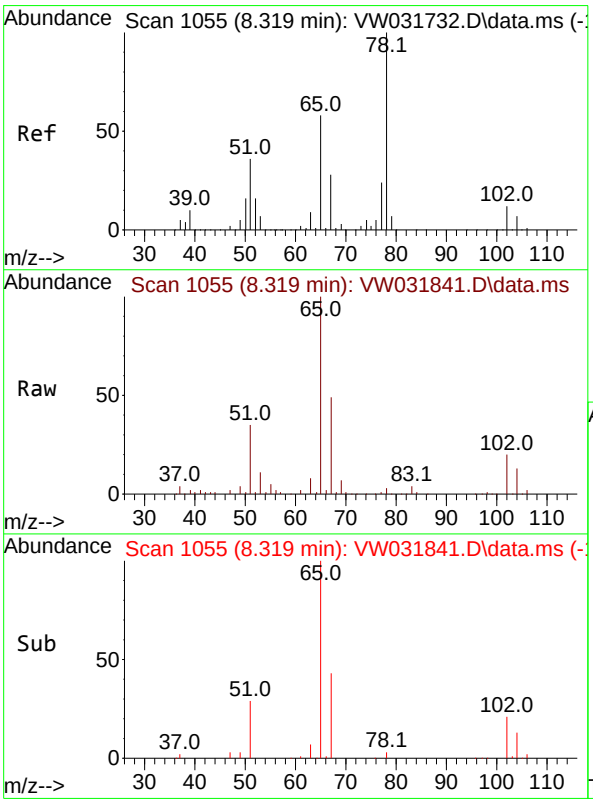
Ion	Ratio	Lower	Upper
56	100		
69	31.4	27.2	40.8
84	91.1	68.5	102.7



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

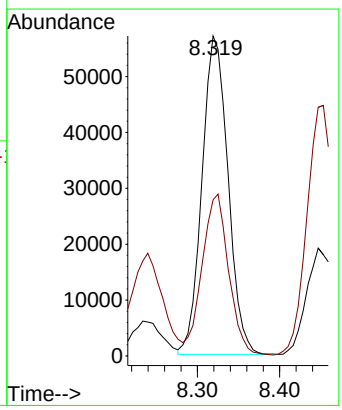
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

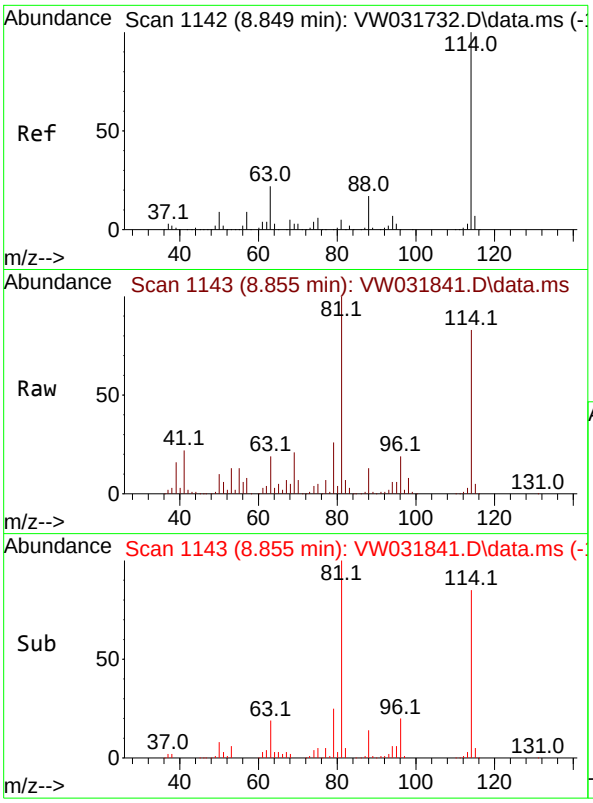


#33
1,2-Dichloroethane-d4
Concen: 44.088 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 65 Resp: 125286

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

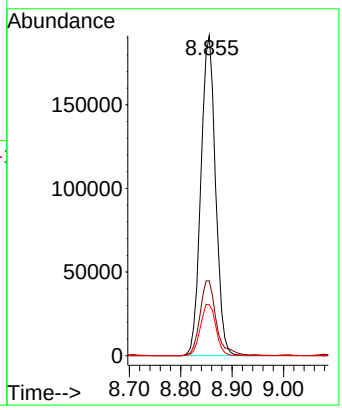
Tgt Ion:114 Resp: 37818

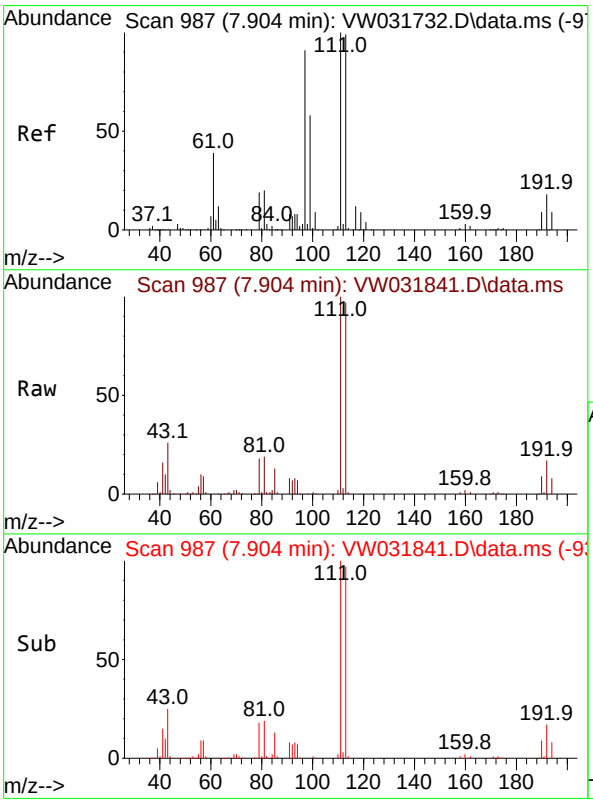
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	43.6
88	16.0	0.0	34.2

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

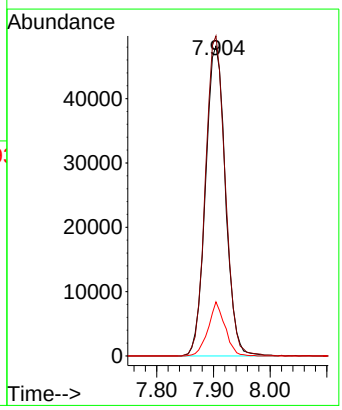


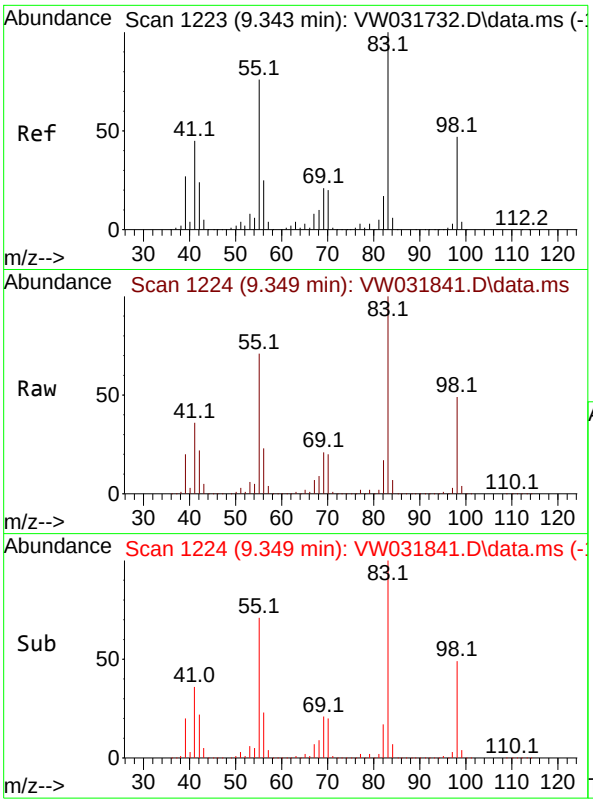


#35
Dibromofluoromethane
Concen: 47.563 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:113 Resp: 117378

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	14.8	13.8	20.6

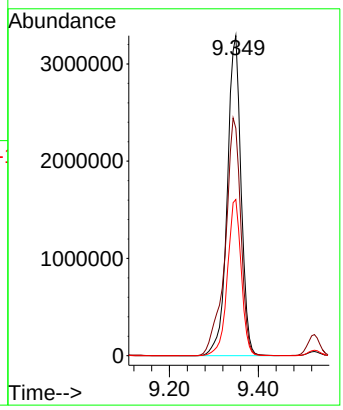




#39
Methylcyclohexane
Concen: 1588.537 ug/l
RT: 9.349 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 83 Resp: 705793

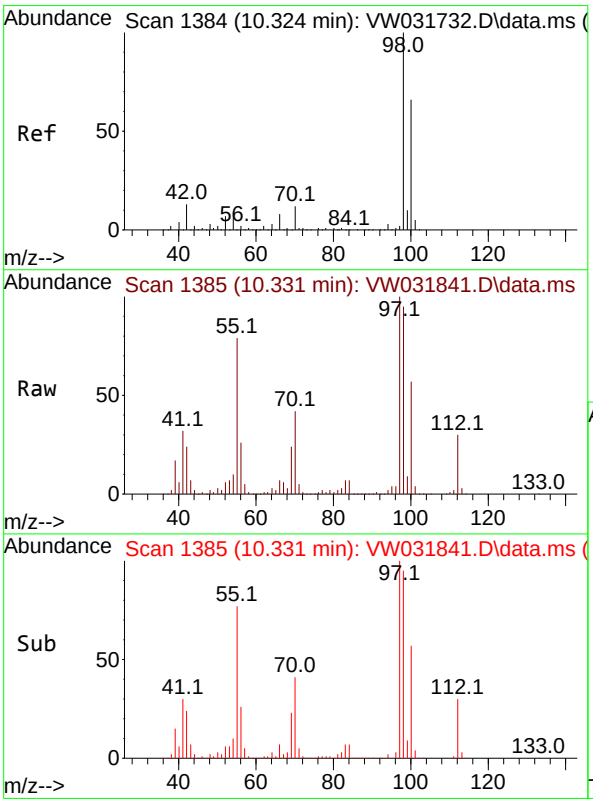
Ion	Ratio	Lower	Upper
83	100		
55	71.1	61.0	91.4
98	48.8	37.9	56.9



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

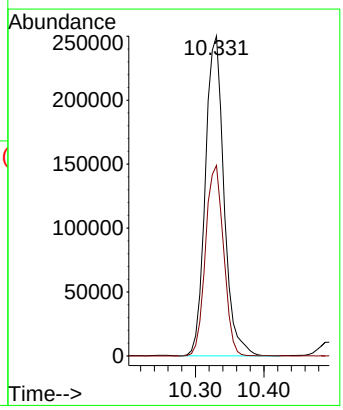
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

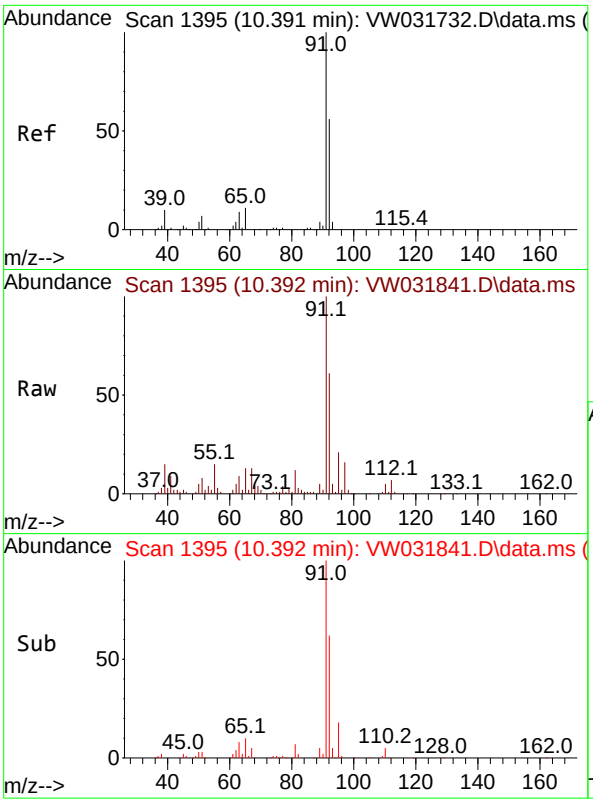


#50
Toluene-d8
Concen: 51.448 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 98 Resp: 472486

Ion	Ratio	Lower	Upper
98	100		
100	57.9	53.0	79.4





#52
Toluene
Concen: 8.585 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

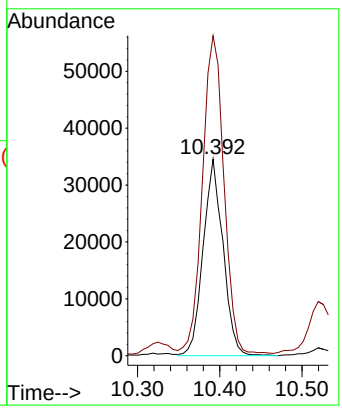
Tgt Ion: 92 Resp: 5807

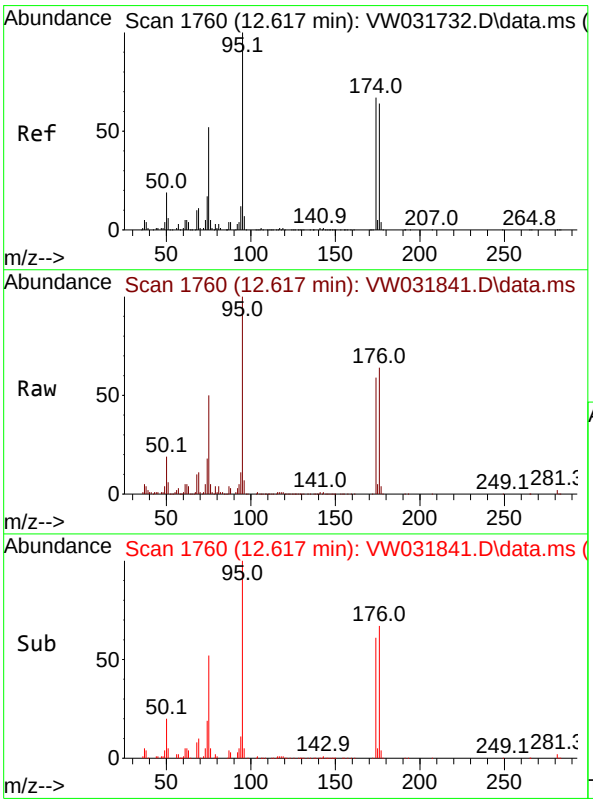
Ion	Ratio	Lower	Upper
92	100		
91	174.4	139.5	209.3

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

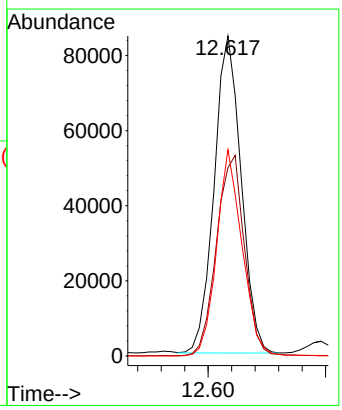


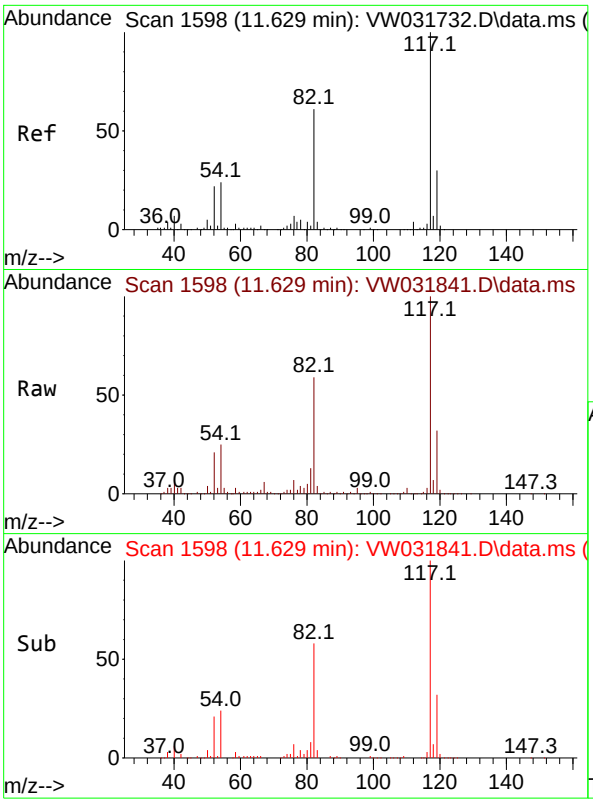


#62
4-Bromofluorobenzene
Concen: 39.891 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 95 Resp: 134818

Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	133.8
176	61.4	0.0	126.0

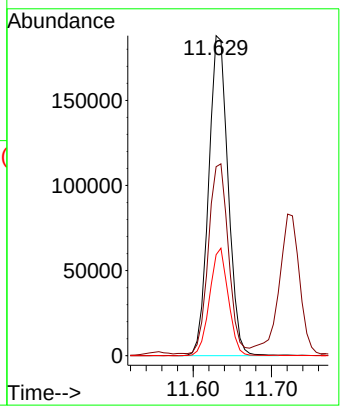




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:117 Resp: 32366

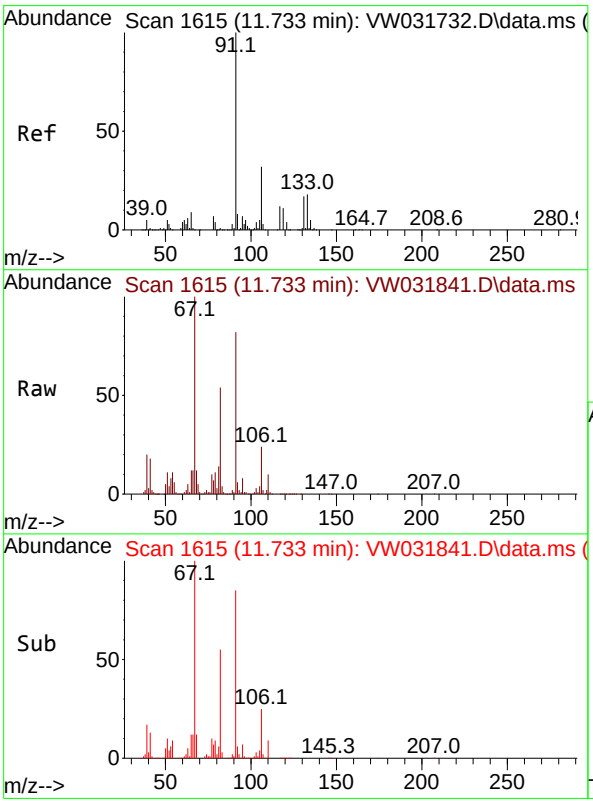
Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.6	72.8
119	31.6	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

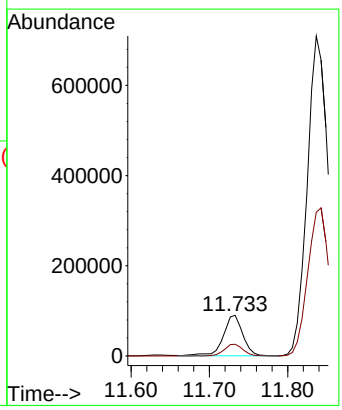
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

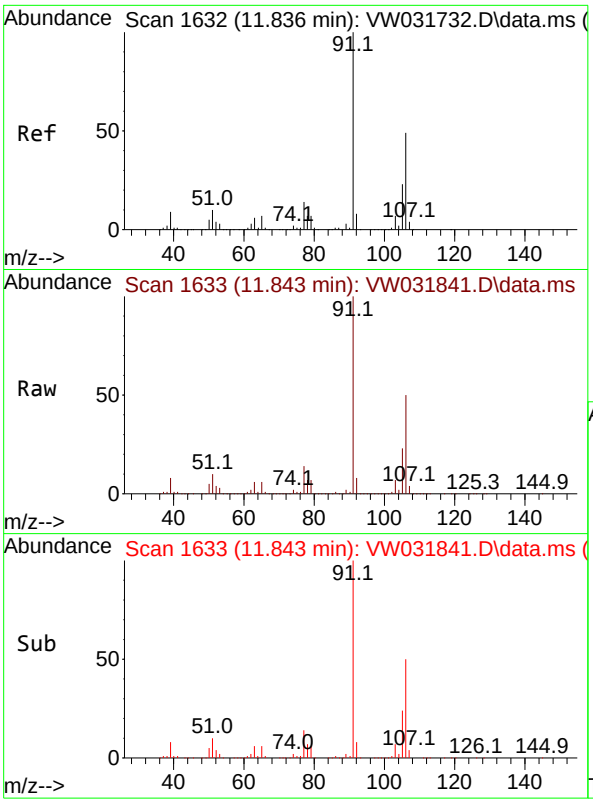


#67
Ethyl Benzene
Concen: 12.398 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 91 Resp: 153523

Ion	Ratio	Lower	Upper
91	100		
106	29.1	25.4	38.2





#68
m/p-Xylenes
Concen: 131.159 ug/l
RT: 11.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

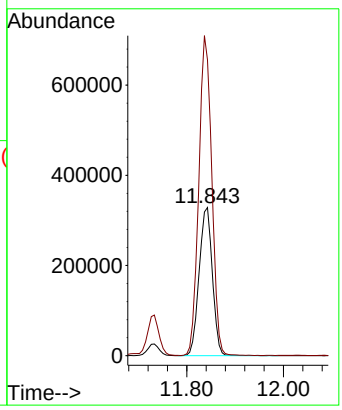
Tgt Ion:106 Resp: 62435

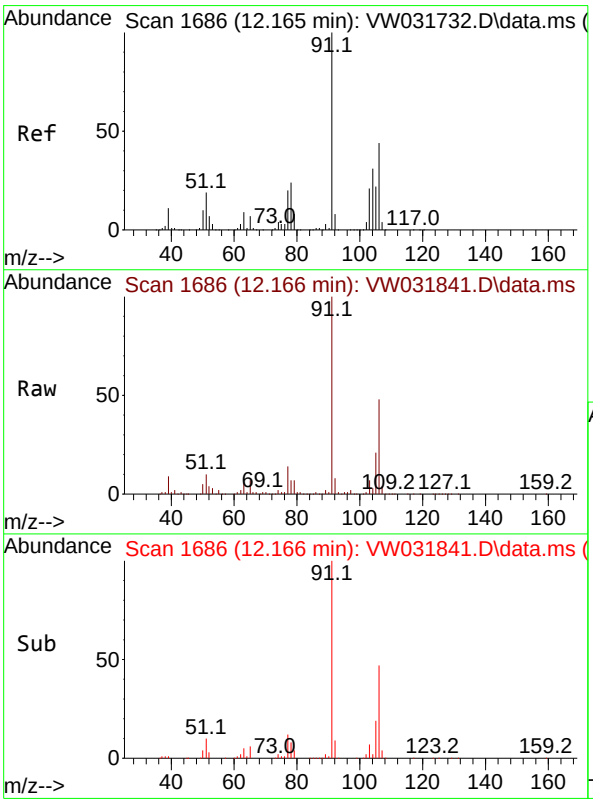
Ion	Ratio	Lower	Upper
106	100		
91	211.6	166.4	249.6

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

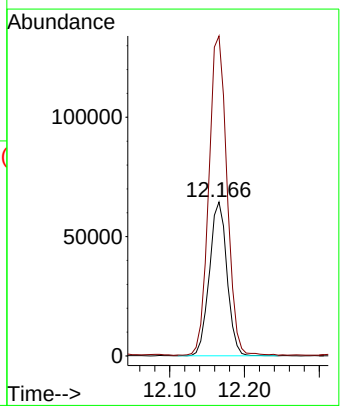


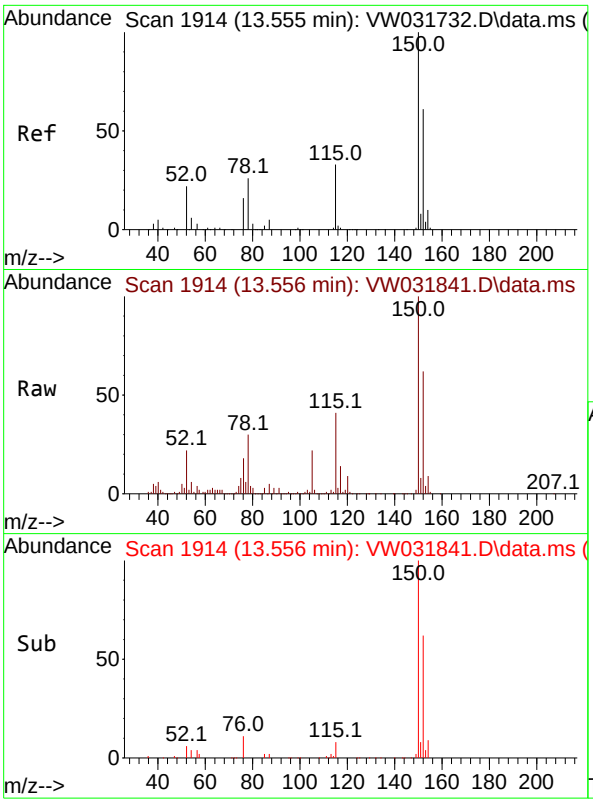


#69
o-Xylene
Concen: 23.926 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:106 Resp: 105452

Ion	Ratio	Lower	Upper
106	100		
91	214.3	111.5	334.4

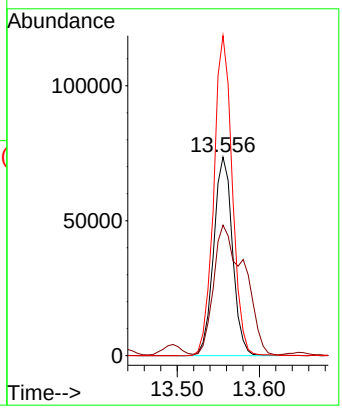




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:152 Resp: 11691

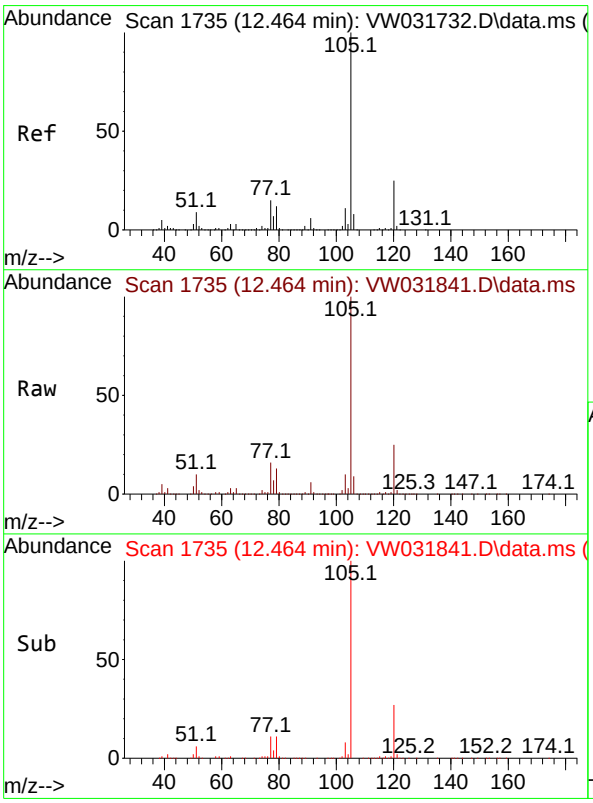
Ion	Ratio	Lower	Upper
152	100		
115	106.1	31.9	95.7
150	158.6	0.0	356.4



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

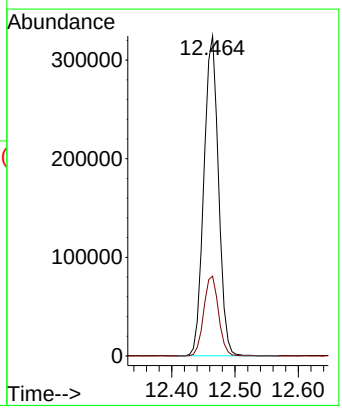
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

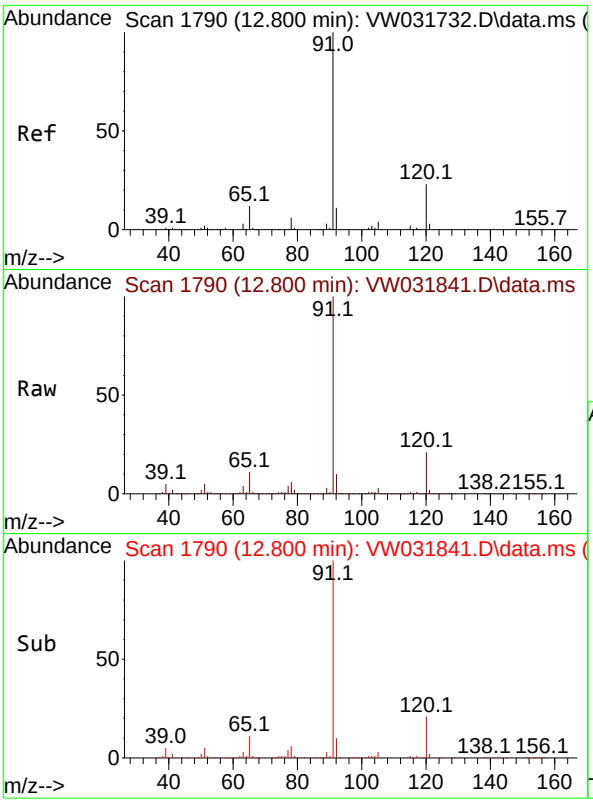


#73
Isopropylbenzene
Concen: 58.692 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 521961

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.4





#78
n-propylbenzene
Concen: 91.904 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

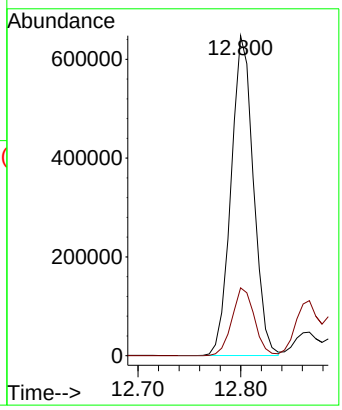
Tgt Ion: 91 Resp: 97872

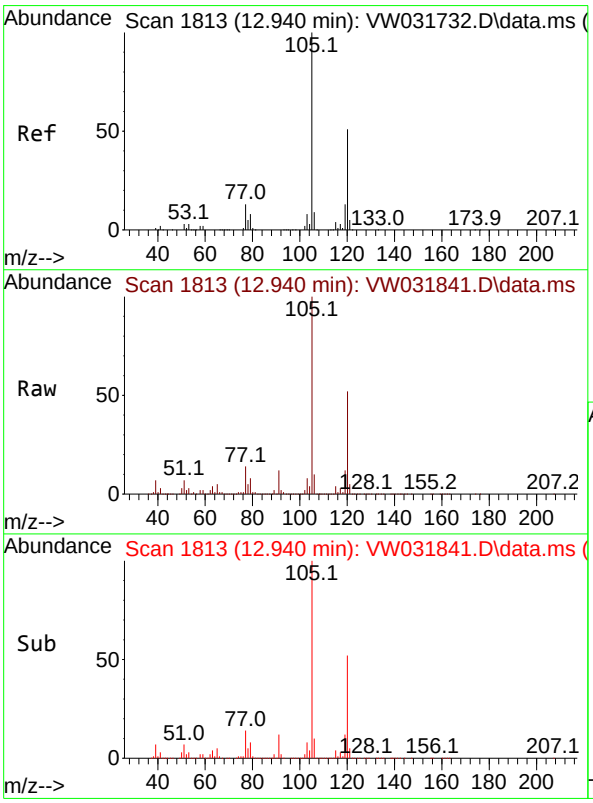
Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.5	34.4

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

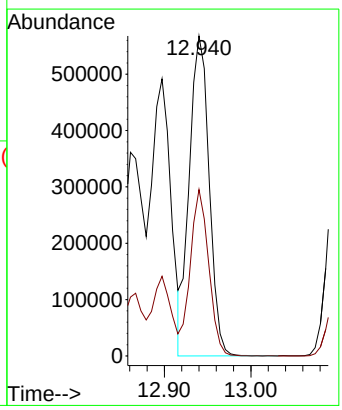


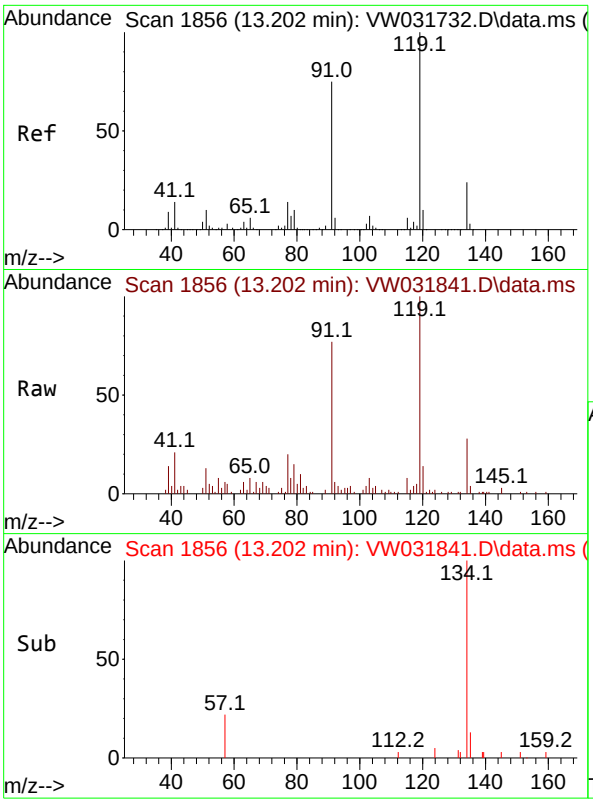


#80
1,3,5-Trimethylbenzene
Concen: 122.731 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 903463

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.8	71.2

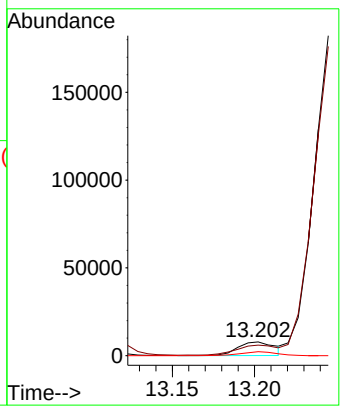




#83
tert-Butylbenzene
Concen: 1.937 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:119 Resp: 1221

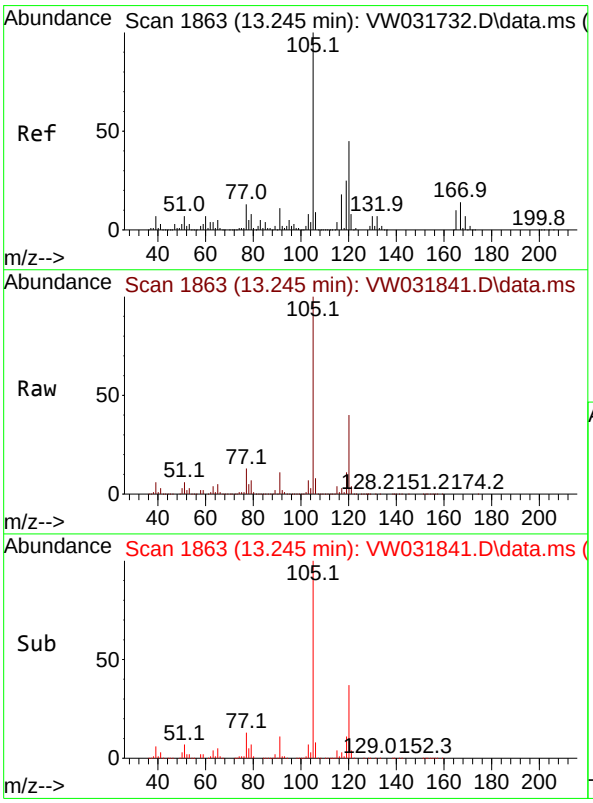
Ion	Ratio	Lower	Upper
119	100		
91	79.6	36.0	108.1
134	27.3	12.4	37.2



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

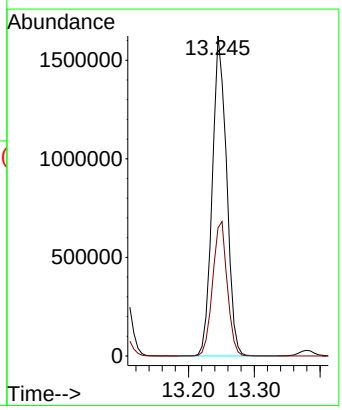
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

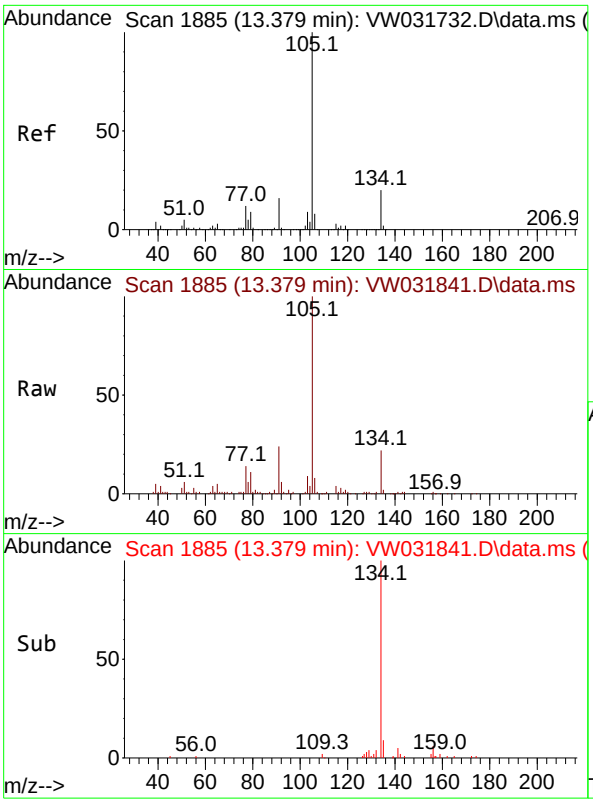


#84
1,2,4-Trimethylbenzene
Concen: 328.905 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 2453174

Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.1	66.1

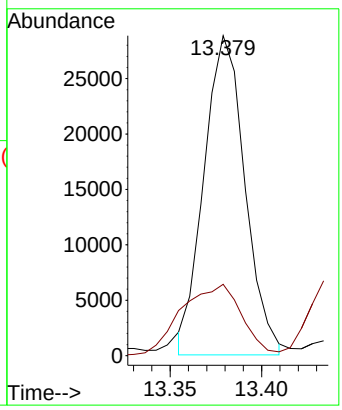




#85
sec-Butylbenzene
Concen: 4.727 ug/l m
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 4473

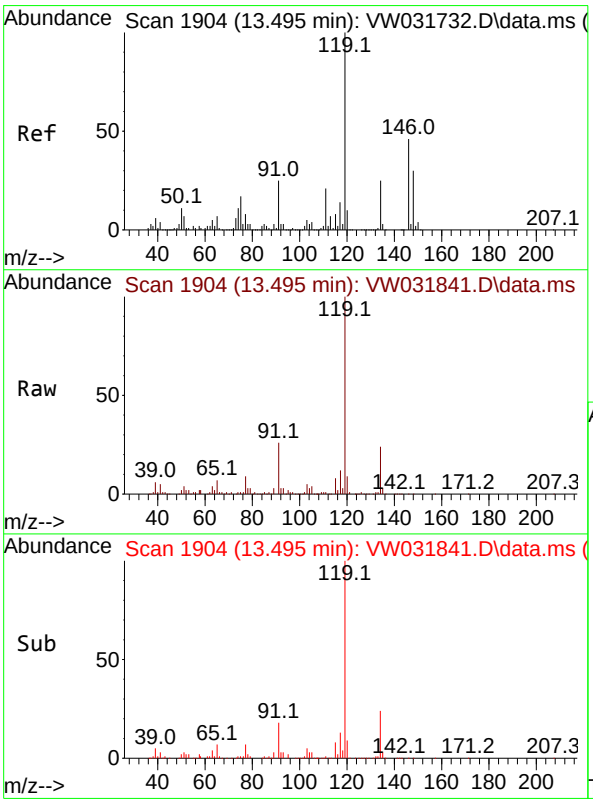
Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.8



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

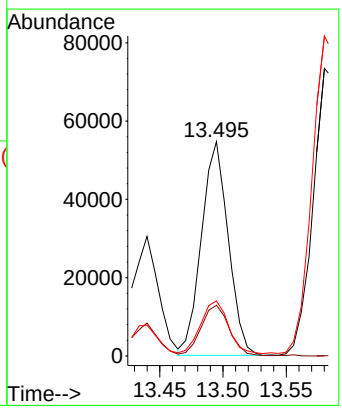
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

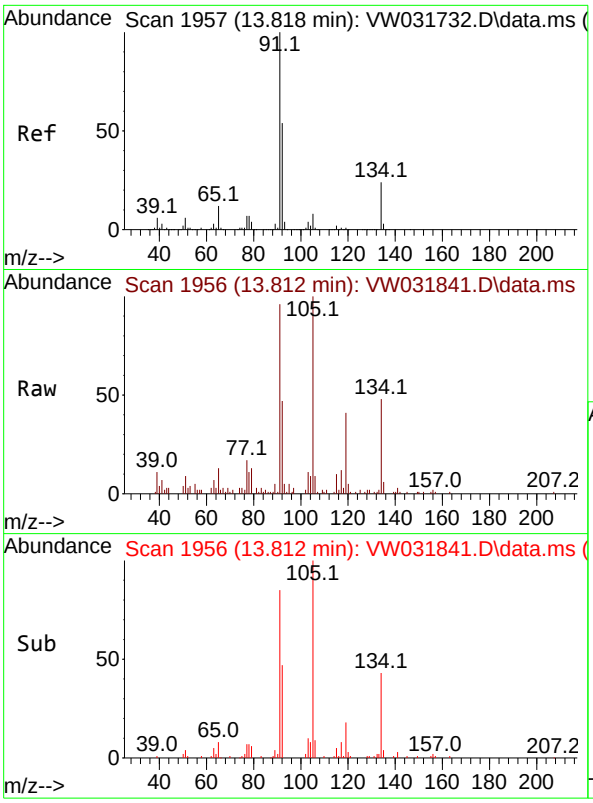


#86
p-Isopropyltoluene
Concen: 10.333 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:119 Resp: 80598

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.9	38.7
91	25.0	12.7	38.0

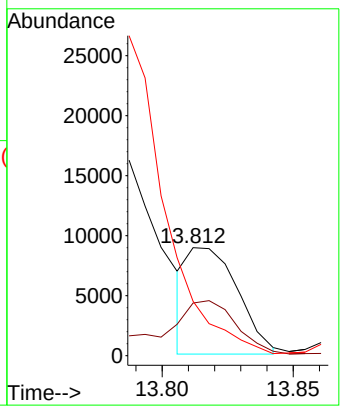




#89
n-Butylbenzene
Concen: 1.565 ug/l m
RT: 13.812 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 91 Resp: 1186

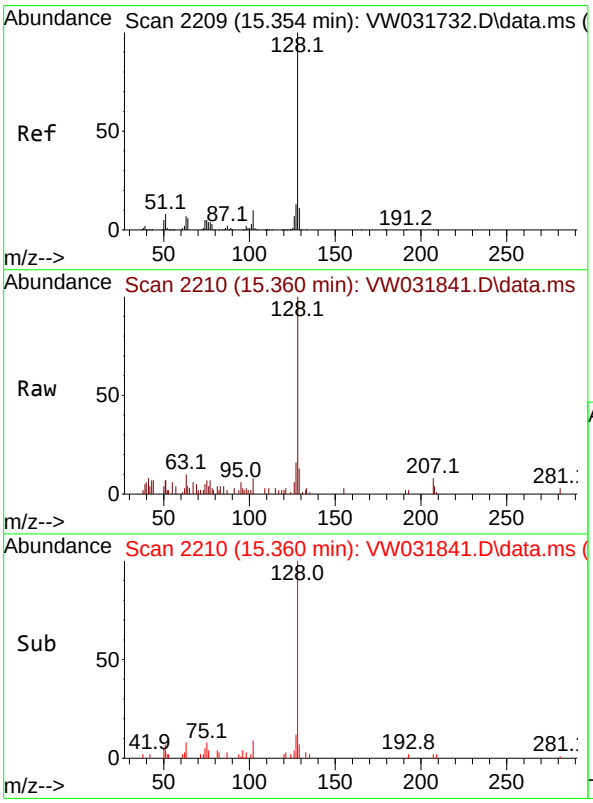
Ion	Ratio	Lower	Upper
91	100		
92	5.1	27.2	81.5#
134	48.7	12.2	36.6#



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

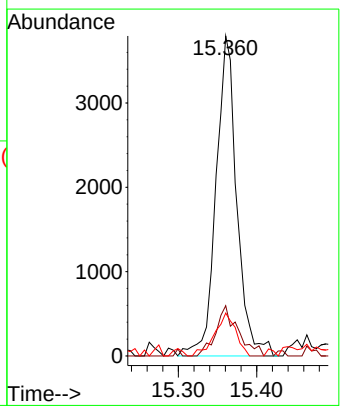
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025



#95
Naphthalene
Concen: 1.280 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:128 Resp: 7035

Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.8	16.2#
129	13.5	8.7	13.1#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	186	196	217	rBV	638235	1862571	4.92%	0.890%
2	3.436	246	254	274	rVB	174313	492296	1.30%	0.235%
3	4.161	357	373	396	rVB4	114422	457656	1.21%	0.219%
4	4.996	485	510	544	rBV2	1364216	7994883	21.10%	3.821%
5	5.478	571	589	620	rBV	2255204	8772267	23.15%	4.192%
6	5.972	658	670	692	rVB	901001	2758676	7.28%	1.318%
7	6.752	785	798	812	rBV4	144343	510441	1.35%	0.244%
8	6.905	812	823	829	rVV	220479	714514	1.89%	0.341%
9	7.008	829	840	862	rVV	6155614	19538746	51.56%	9.337%
10	7.715	949	956	974	rVB	189797	548975	1.45%	0.262%
11	7.971	974	998	1006	rBV2	4868700	15242671	40.23%	7.284%
12	8.051	1006	1011	1022	rVB	925542	2456615	6.48%	1.174%
13	8.173	1022	1031	1036	rBV	1031807	2477274	6.54%	1.184%
14	8.240	1036	1042	1051	rVV	1252230	3292902	8.69%	1.574%
15	8.325	1051	1056	1066	rVB	165187	396554	1.05%	0.190%
16	8.447	1066	1076	1082	rBV	4682995	11209604	29.58%	5.357%
17	8.520	1082	1088	1093	rVV	4549970	10258643	27.07%	4.903%
18	8.587	1093	1099	1110	rVB	5591392	13152341	34.71%	6.285%
19	8.703	1110	1118	1130	rVB	734870	1571858	4.15%	0.751%
20	8.849	1132	1142	1147	rBV2	1192499	2847016	7.51%	1.361%
21	8.892	1147	1149	1155	rVB	505571	765255	2.02%	0.366%
22	9.124	1183	1187	1206	rVB	295813	650160	1.72%	0.311%
23	9.343	1207	1223	1240	rBV	15075697	37893261	100.00%	18.109%
24	9.526	1240	1253	1260	rBV	2389295	4538656	11.98%	2.169%
25	9.617	1260	1268	1275	rVB	597080	1186998	3.13%	0.567%
26	9.758	1281	1291	1300	rVB3	1024318	2329723	6.15%	1.113%
27	9.855	1300	1307	1313	rBV	2149956	4103670	10.83%	1.961%
28	9.910	1313	1316	1321	rVV3	328583	567522	1.50%	0.271%
29	10.087	1339	1345	1358	rBV3	397844	910130	2.40%	0.435%
30	10.209	1358	1365	1370	rBV	991870	1907579	5.03%	0.912%
31	10.325	1377	1384	1389	rBV2	1944063	3941674	10.40%	1.884%
32	10.508	1407	1414	1423	rVB4	905675	2704646	7.14%	1.293%
33	10.666	1435	1440	1447	rVB	1056199	1842497	4.86%	0.881%
34	10.751	1447	1454	1463	rVB4	1010317	2610418	6.89%	1.247%
35	11.014	1487	1497	1501	rBV4	248138	545041	1.44%	0.260%
36	11.062	1501	1505	1508	rVV	270877	456792	1.21%	0.218%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

37	11.099	1508	1511	1514	rVV2	230299	391149	1.03%	0.187%
38	11.142	1514	1518	1521	rVV2	507350	932823	2.46%	0.446%
39	11.178	1521	1524	1529	rVV	570754	955545	2.52%	0.457%
40	11.233	1529	1533	1538	rVB	240198	388633	1.03%	0.186%
41	11.635	1592	1599	1604	rBV2	679946	1205465	3.18%	0.576%
42	11.727	1609	1614	1624	rVB2	643184	1192654	3.15%	0.570%
43	11.837	1624	1632	1638	rBV	1971996	3895732	10.28%	1.862%
44	12.166	1675	1686	1703	rVB	391486	837355	2.21%	0.400%
45	12.464	1729	1735	1740	rBV	764825	1224571	3.23%	0.585%
46	12.617	1754	1760	1768	rBV2	382108	644372	1.70%	0.308%
47	12.800	1780	1790	1795	rBV	1277992	1990088	5.25%	0.951%
48	12.861	1795	1800	1803	rVV	925635	1561119	4.12%	0.746%
49	12.897	1803	1806	1809	rVV	1198670	1773240	4.68%	0.847%
50	12.940	1809	1813	1823	rVB	1698012	2643114	6.98%	1.263%
51	13.099	1833	1839	1848	rVB	1002816	1630519	4.30%	0.779%
52	13.245	1857	1863	1877	rVB	4411448	6828841	18.02%	3.263%
53	13.580	1908	1918	1925	rVB2	2200490	4109518	10.84%	1.964%
54	13.757	1942	1947	1962	rVB2	1139537	2348380	6.20%	1.122%
55	14.202	2015	2020	2027	rVB2	495571	789512	2.08%	0.377%
56	14.799	2110	2118	2125	rBV2	203166	398826	1.05%	0.191%

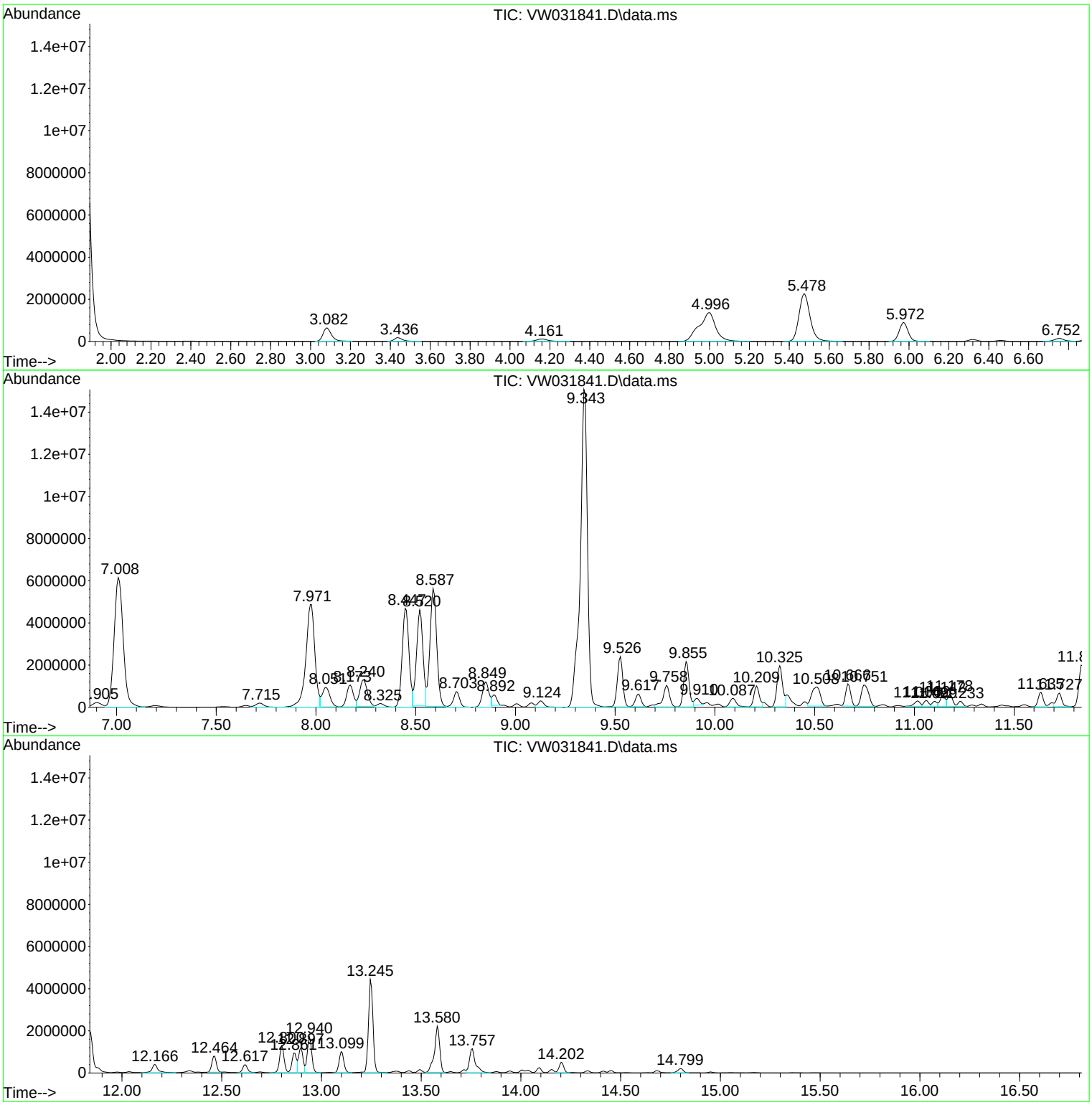
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

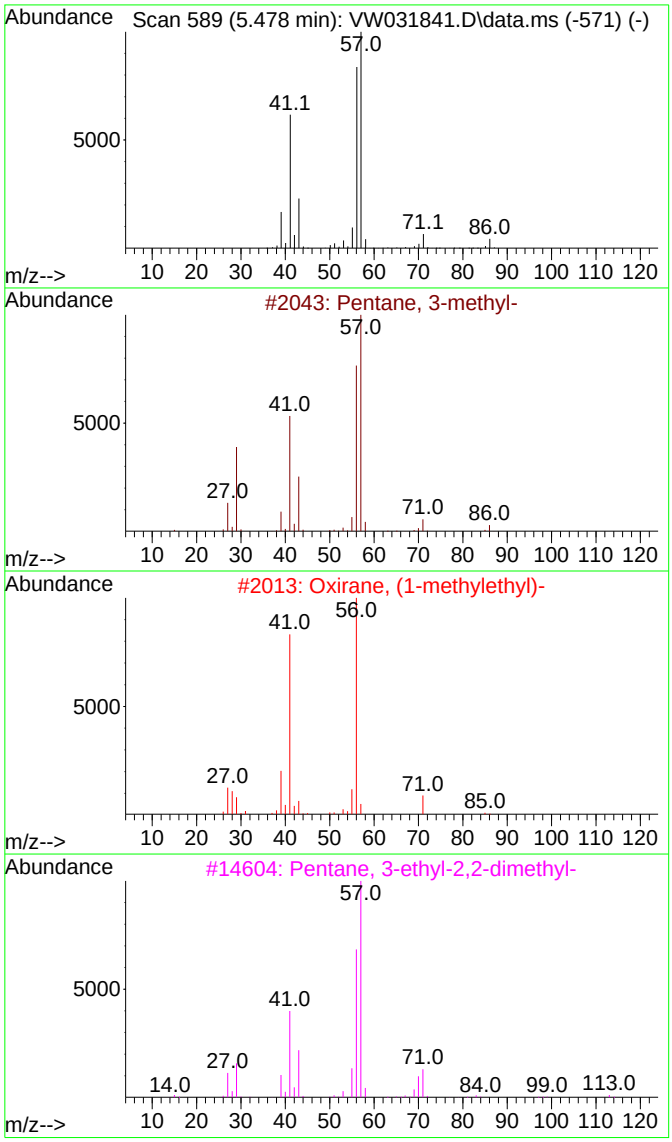
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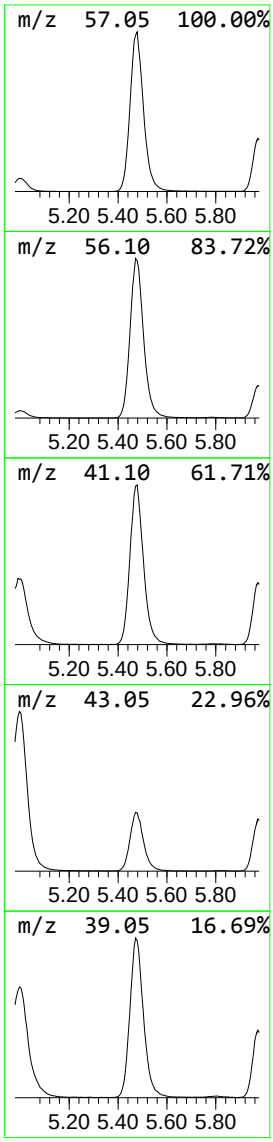
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Peak Number 1 Pentane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.478	28.78 ug/l	8772270	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

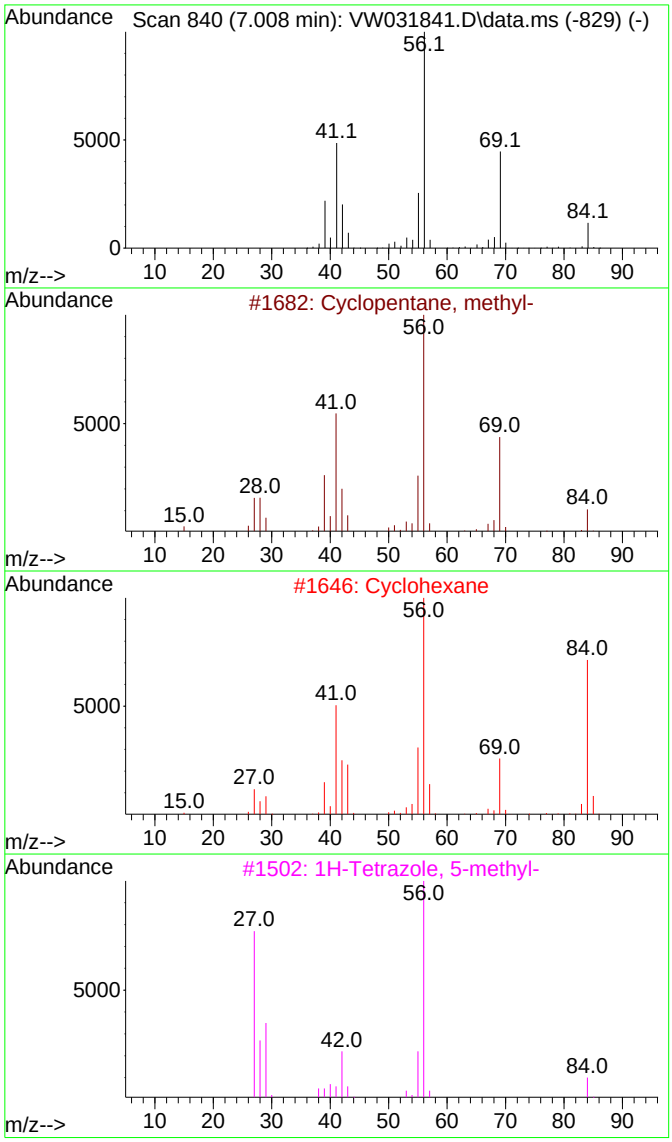
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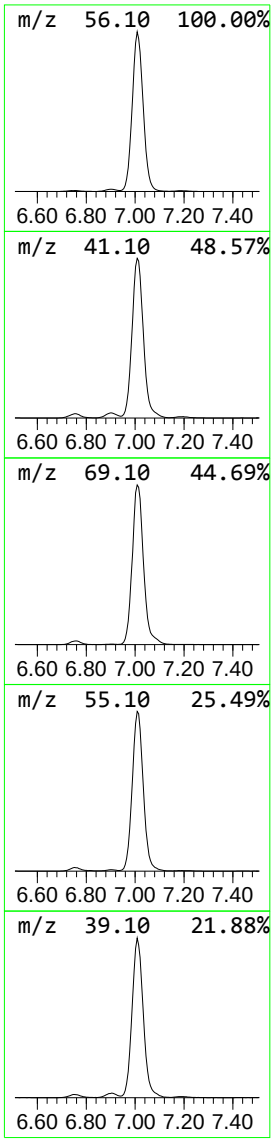
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Peak Number 2 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.008	64.09 ug/l	19538700	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

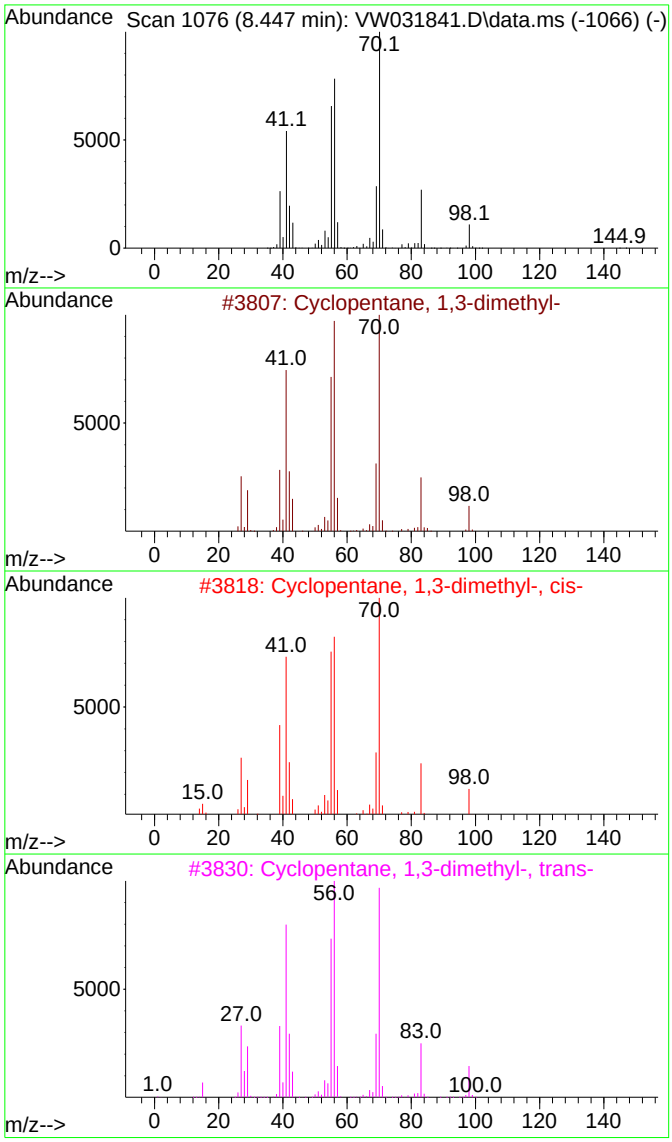
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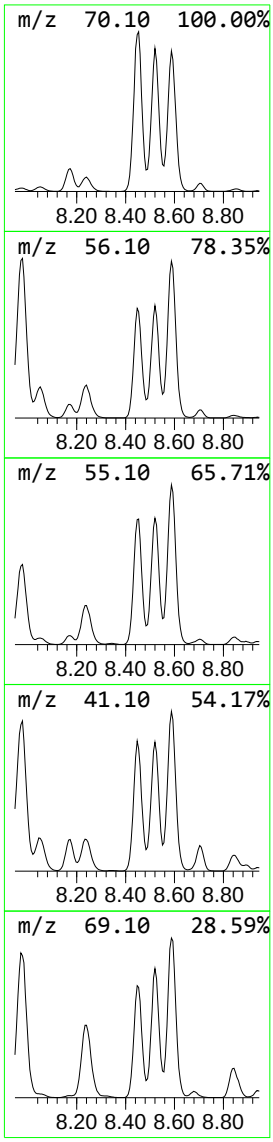
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.447	196.87 ug/l	11209600	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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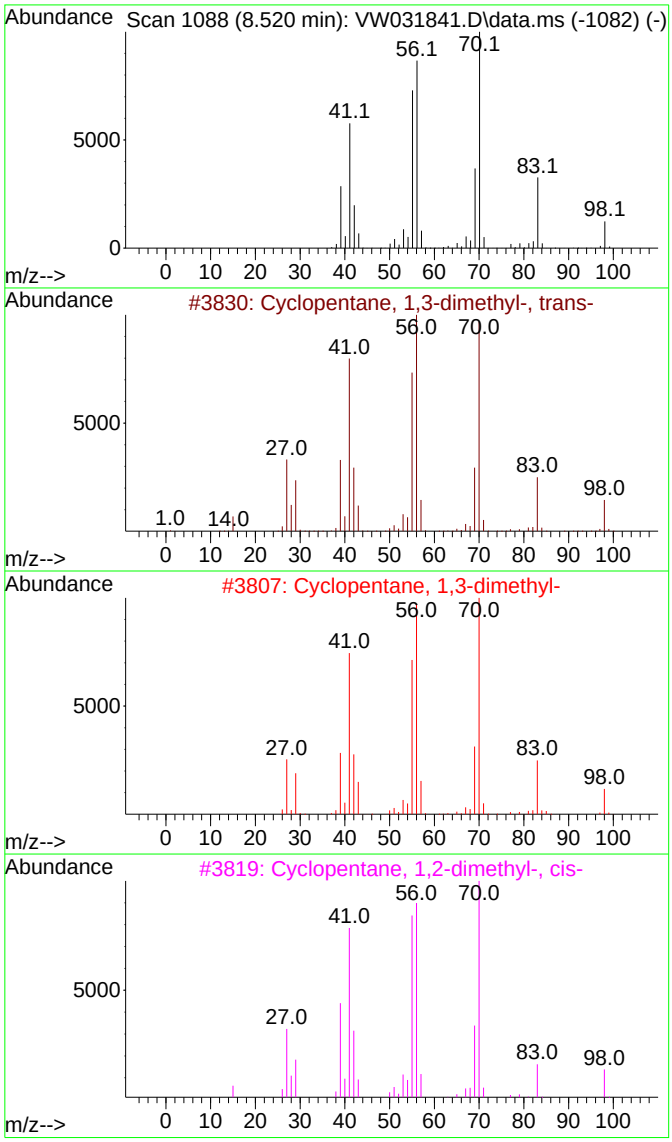
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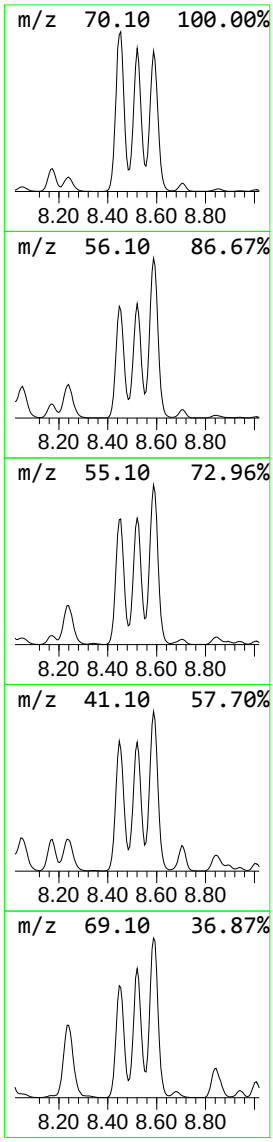
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,3-dimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.520	180.16 ug/l	10258600	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	76
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

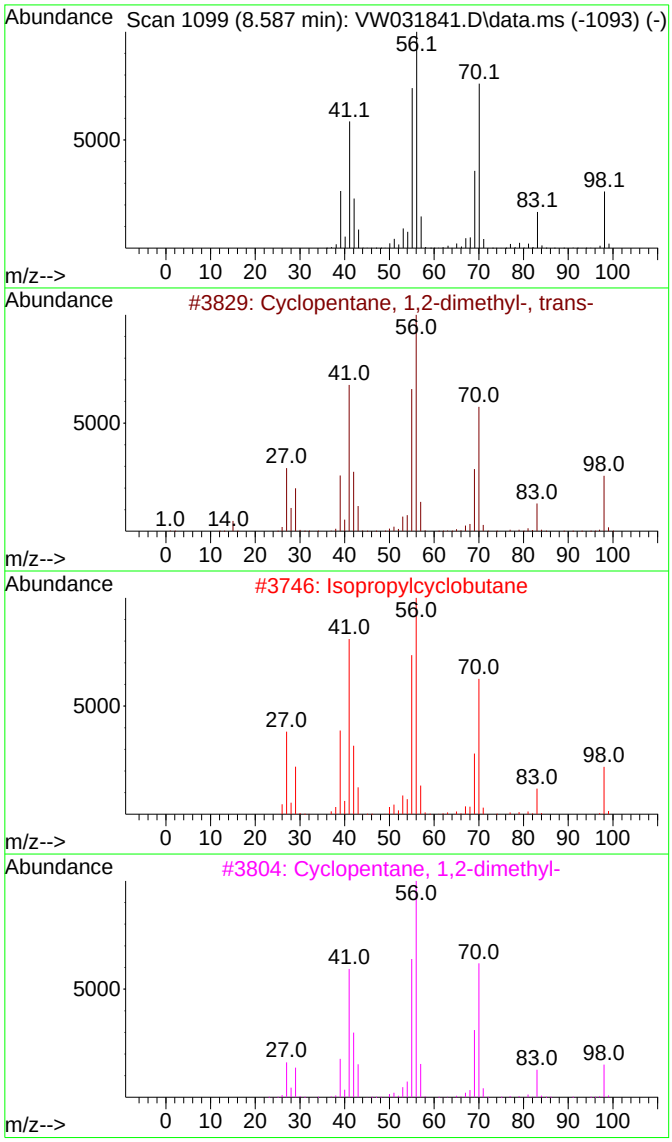
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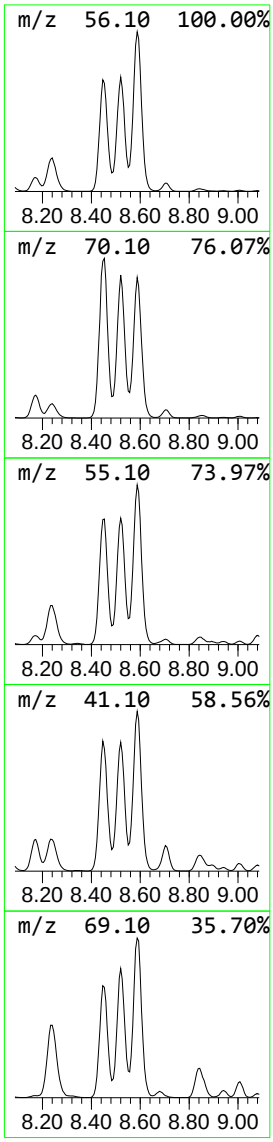
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,2-dimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	230.99 ug/l	13152300	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

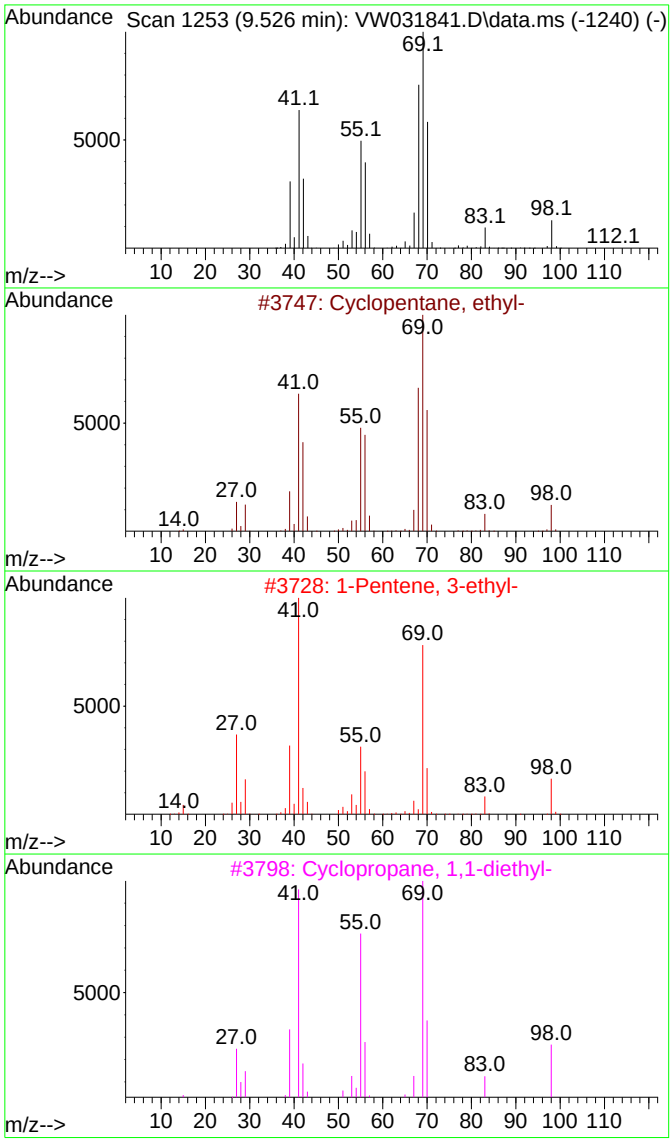
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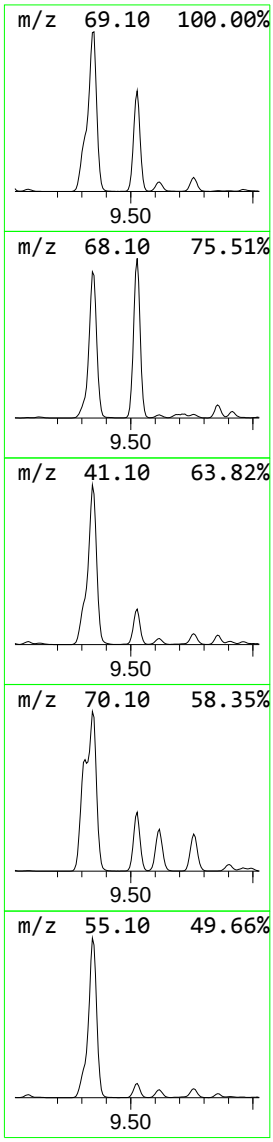
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Peak Number 6 Cyclopentane, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.526	79.71 ug/l	4538660	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	96
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4	3-Methyl-2-hexene	98	C7H14	017618-77-8	43
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

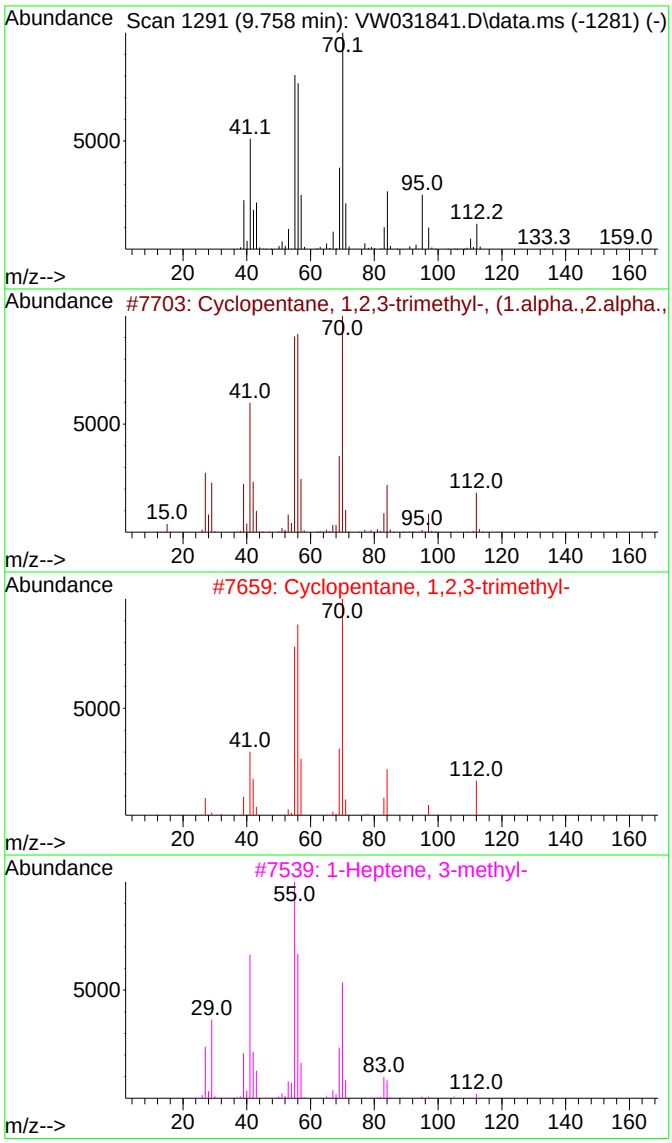
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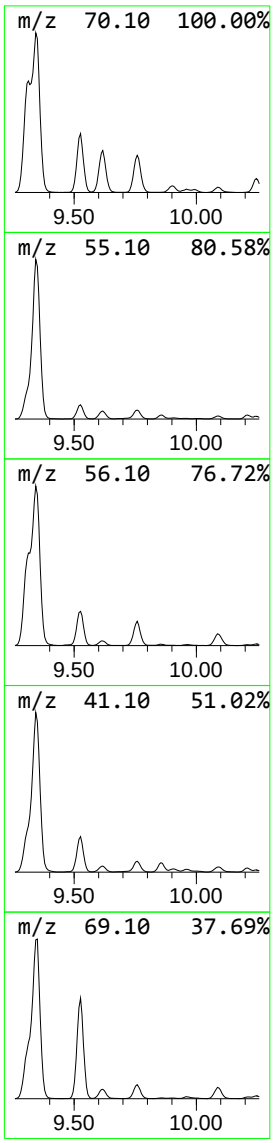
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2,3-trimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	40.92 ug/l	2329720	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	76
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49
5	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

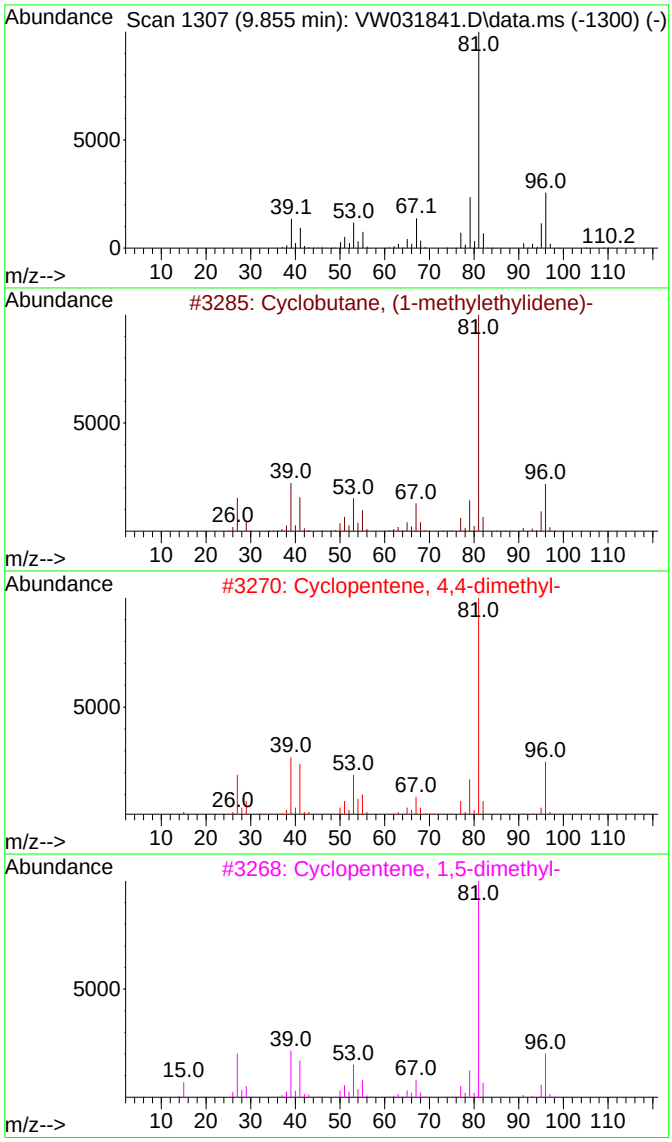
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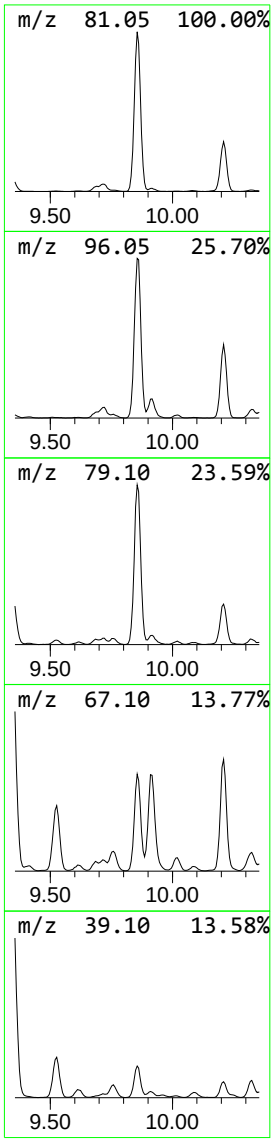
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclobutane, (1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.855	72.07 ug/l	4103670	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	90
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

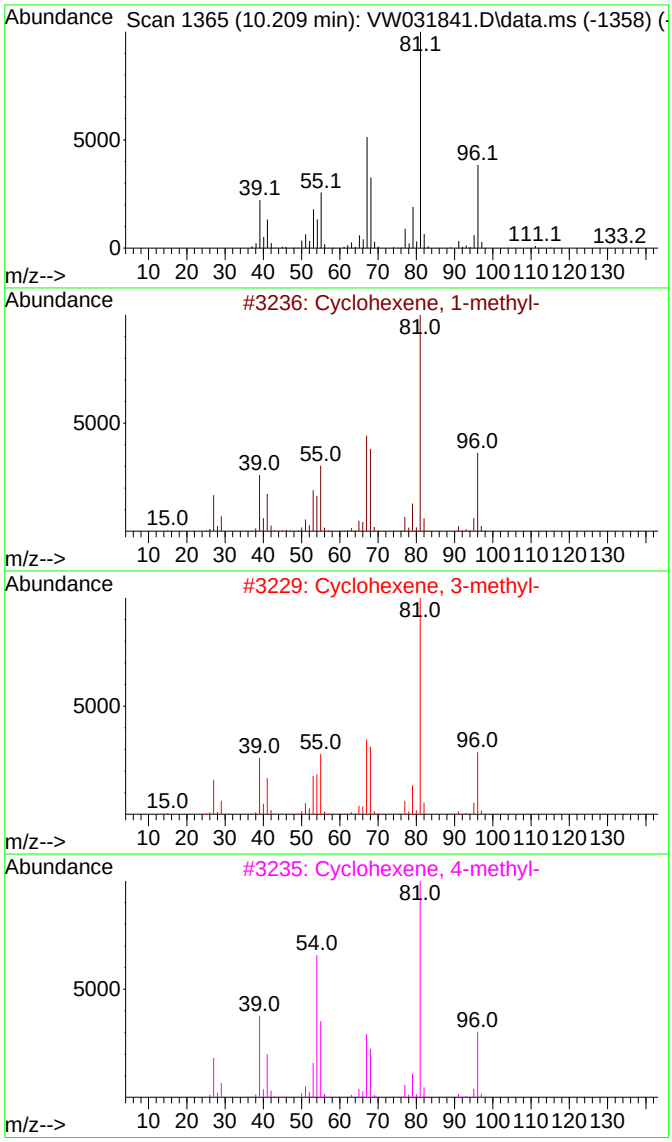
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

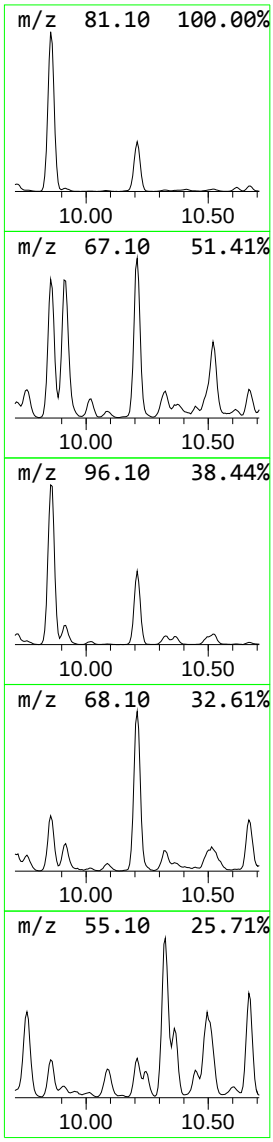
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Peak Number 9 Cyclohexene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.209	33.50 ug/l	1907580	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
4	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	68
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

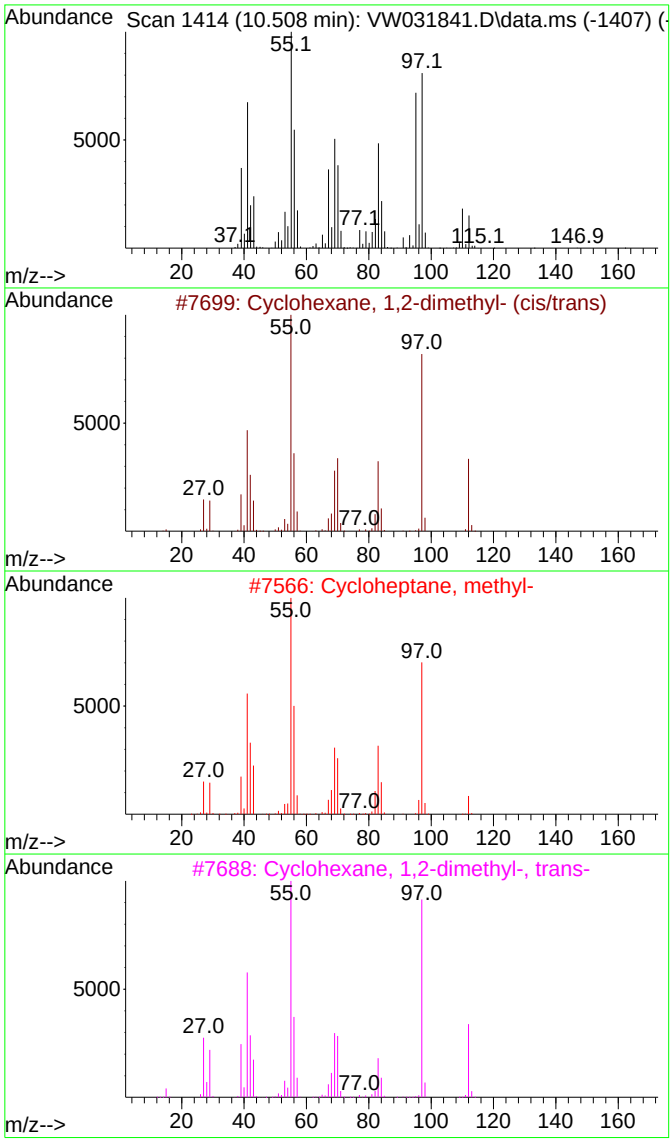
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Quant Title : SW846 8260

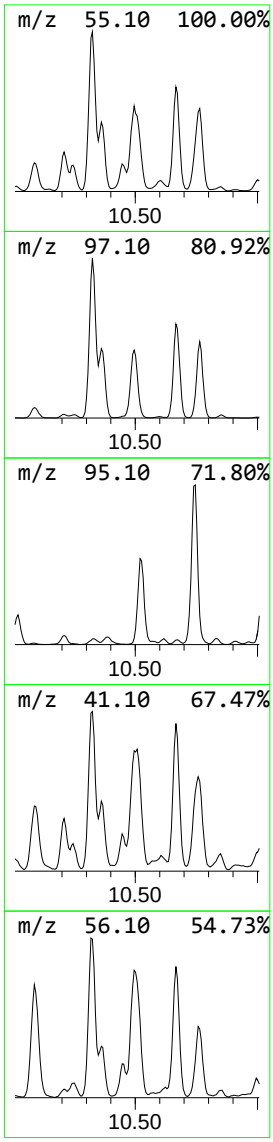
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.508	112.18 ug/l	2704650	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	62
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	58
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	38
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

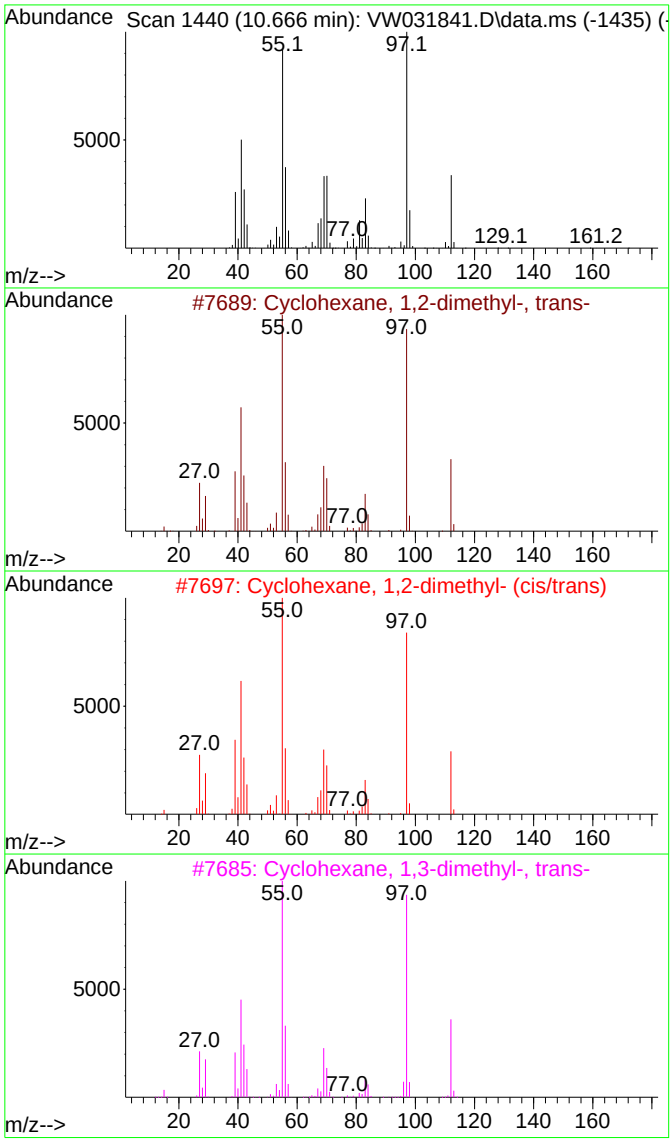
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Quant Title : SW846 8260

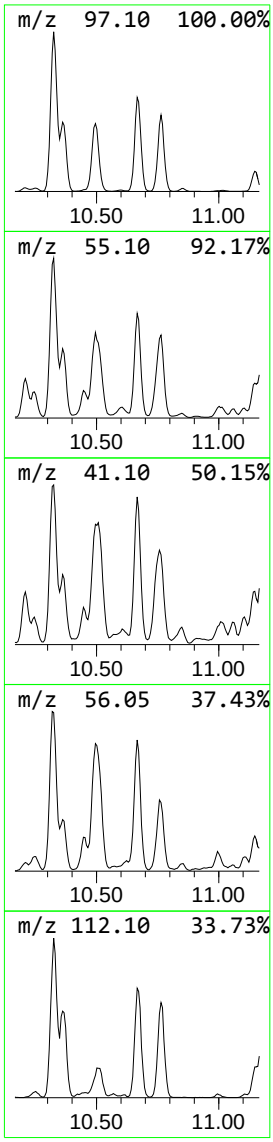
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	76.42 ug/l	1842500	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
5	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

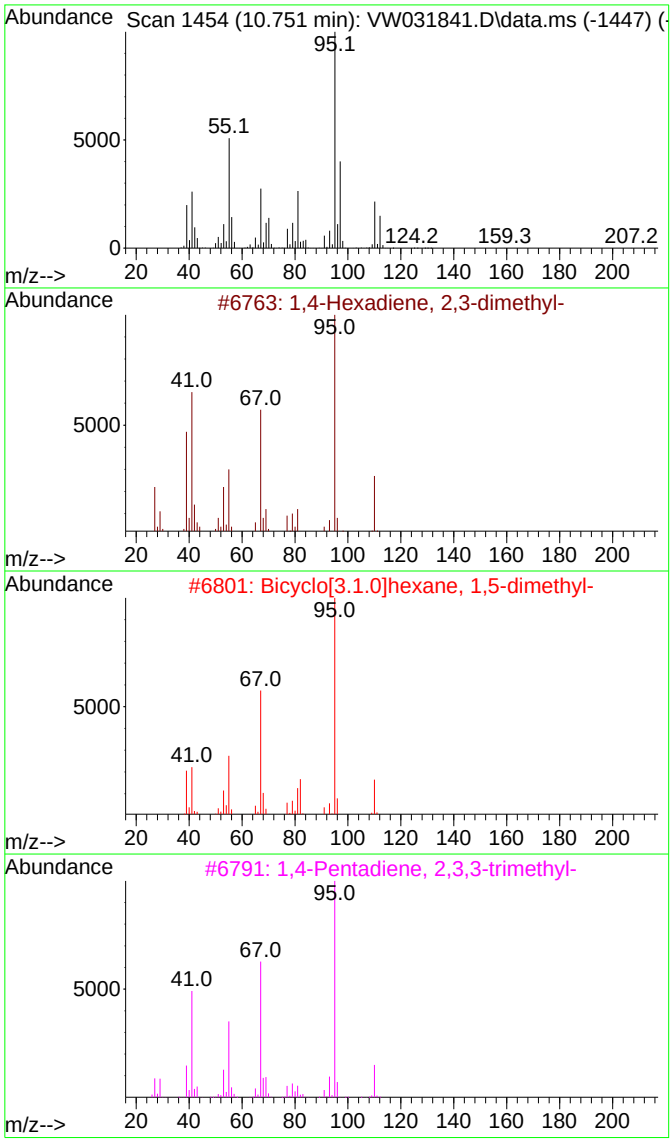
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

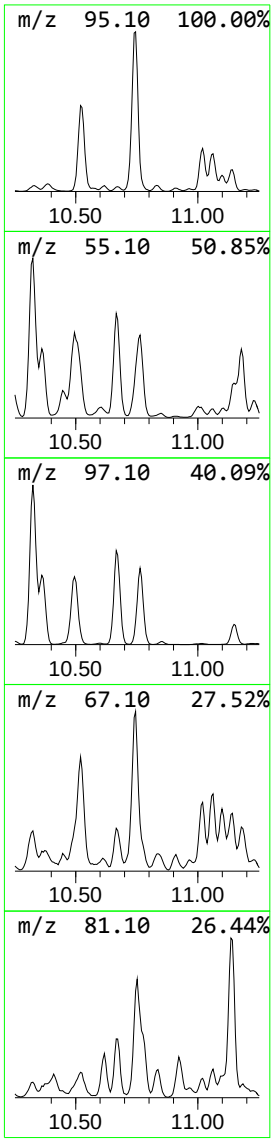
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	108.27 ug/l	2610420	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	62
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	55
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	49
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

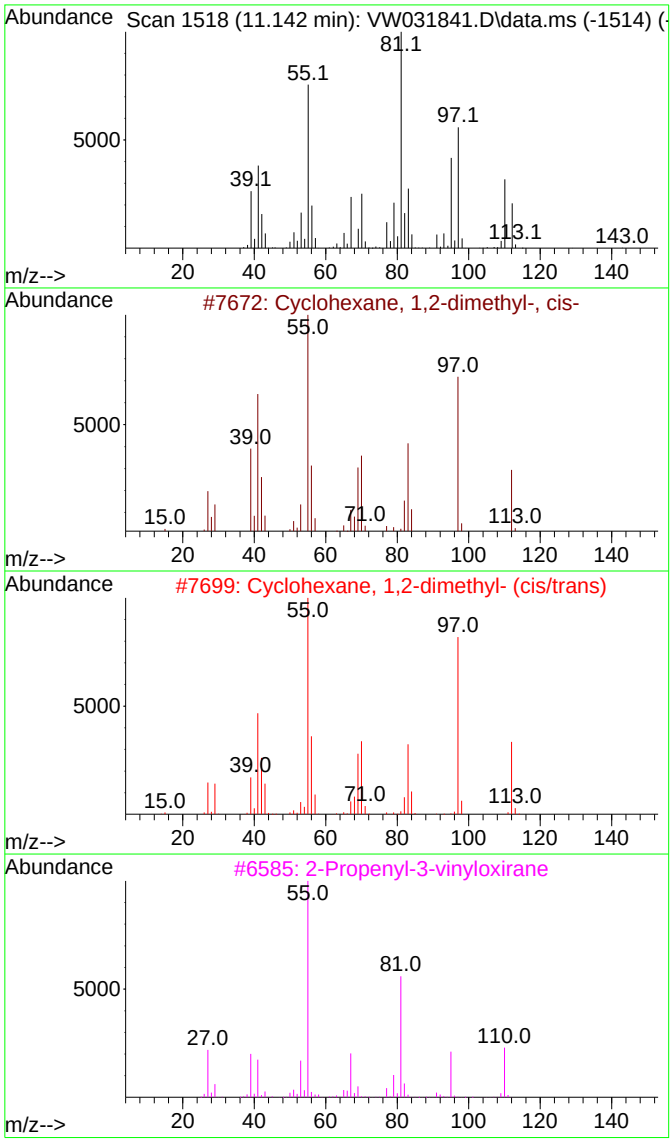
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Quant Title : SW846 8260

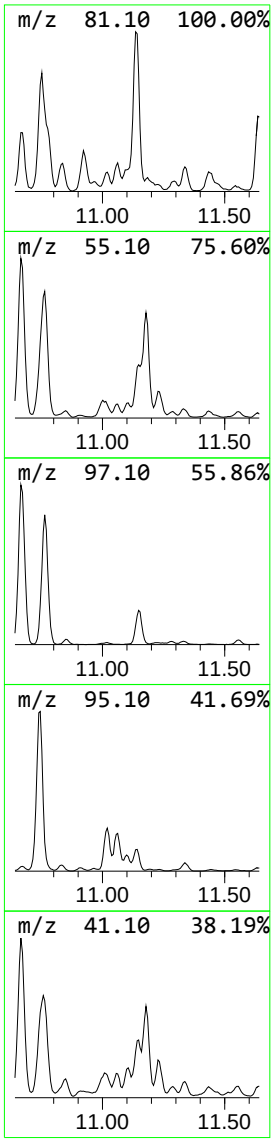
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.142	38.69 ug/l	932823	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	70
3	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	43
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

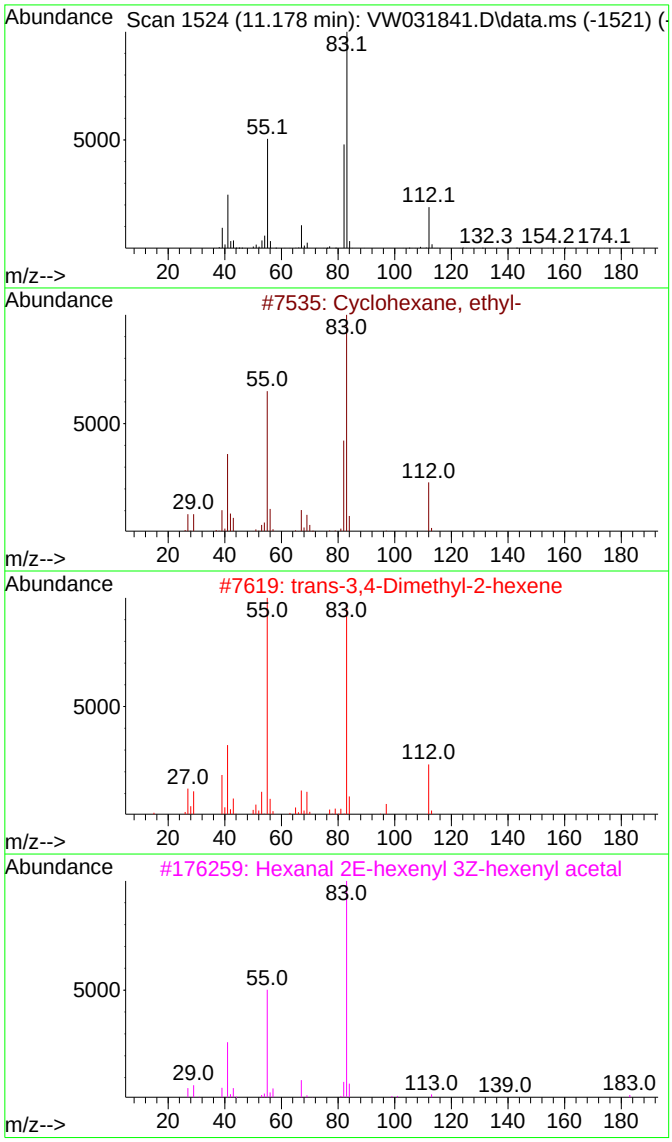
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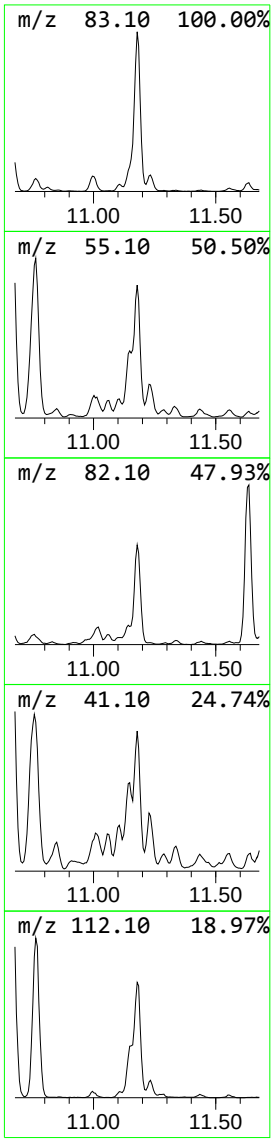
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Peak Number 14 Cyclohexane, ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	39.63 ug/l	955545	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	50
3	Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	50
4	Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	50
5	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

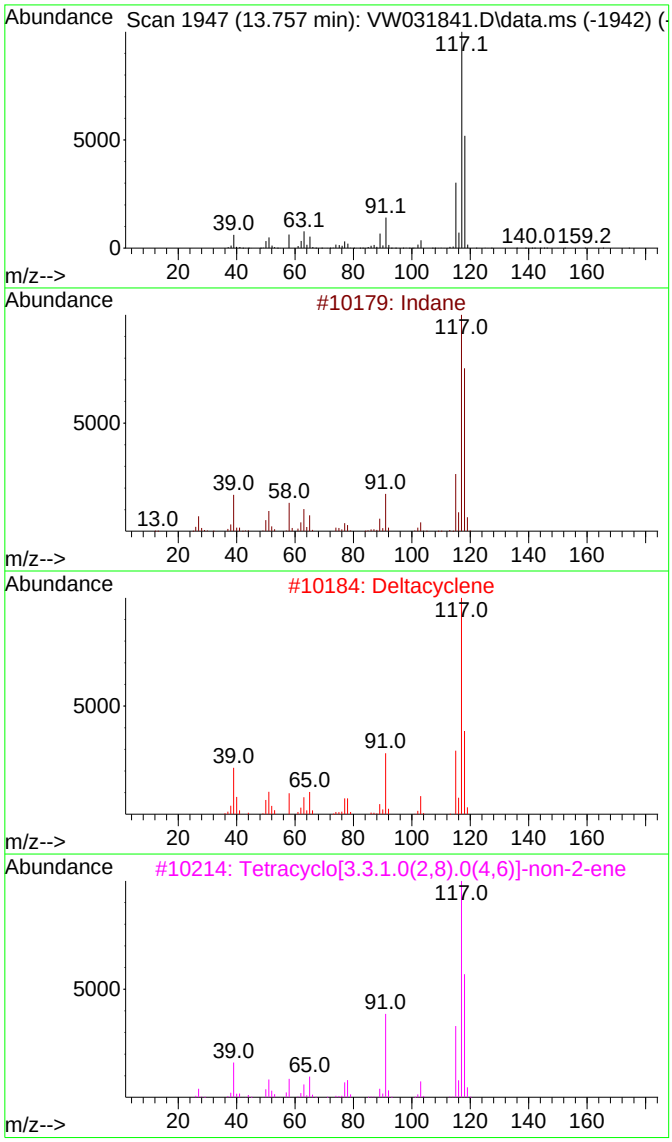
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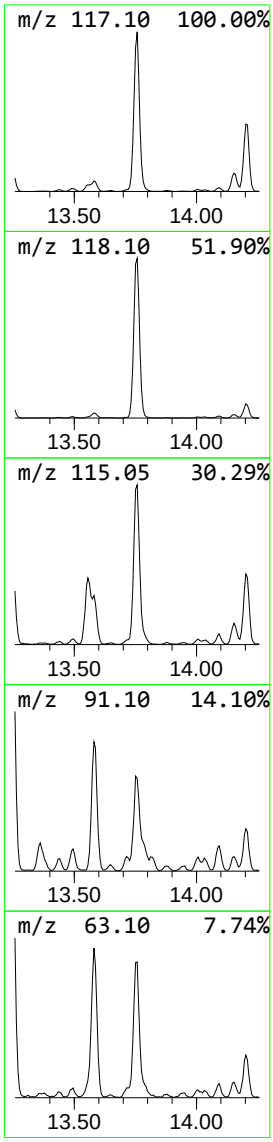
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Peak Number 15 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	28.57 ug/l	2348380	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Deltacyclene	118	C9H10	007785-10-6	64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 3-methyl-	5.478	28.8	ug/l	8772270	1	7.965	15242700	50.0
Cyclopentane, m...	7.008	64.1	ug/l	19538700	1	7.965	15242700	50.0
Cyclopentane, 1...	8.447	196.9	ug/l	11209600	2	8.855	2847020	50.0
Cyclopentane, 1...	8.520	180.2	ug/l	10258600	2	8.855	2847020	50.0
Cyclopentane, 1...	8.587	231.0	ug/l	13152300	2	8.855	2847020	50.0
Cyclopentane, e...	9.526	79.7	ug/l	4538660	2	8.855	2847020	50.0
Cyclopentane, 1...	9.758	40.9	ug/l	2329720	2	8.855	2847020	50.0
Cyclobutane, (1...	9.855	72.1	ug/l	4103670	2	8.855	2847020	50.0
Cyclohexene, 1-...	10.209	33.5	ug/l	1907580	2	8.855	2847020	50.0
Cyclohexane, 1,...	10.508	112.2	ug/l	2704650	3	11.629	1205470	50.0
Cyclohexane, 1,...	10.666	76.4	ug/l	1842500	3	11.629	1205470	50.0
1,4-Hexadiene, ...	10.751	108.3	ug/l	2610420	3	11.629	1205470	50.0
Cyclohexane, 1,...	11.142	38.7	ug/l	932823	3	11.629	1205470	50.0
Cyclohexane, et...	11.178	39.6	ug/l	955545	3	11.629	1205470	50.0
Indane	13.757	28.6	ug/l	2348380	4	13.556	4109520	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047010.D
Acq On : 15 Jul 2025 18:10
Operator : JC/MD
Sample : Q2503-04ME
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Quant Time: Jul 16 02:32:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

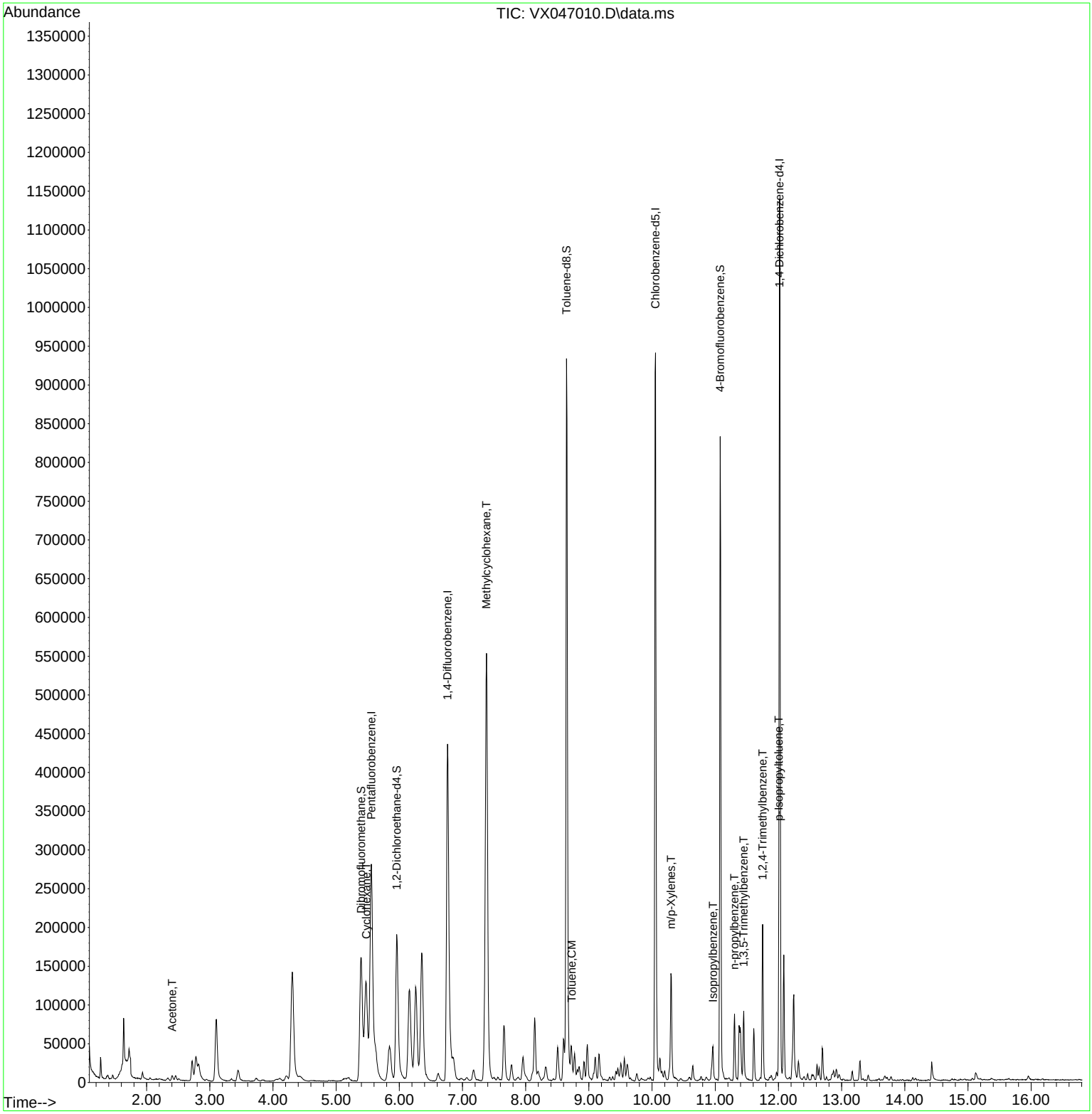
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	288950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	225226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199872	52.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.397	113	158367	48.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.647	98	562676	48.486	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.980%			
62) 4-Bromofluorobenzene	11.079	95	227361	51.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.100%			
Target Compounds						Qvalue
16) Acetone	2.404	43	7963	6.716	ug/l	95
31) Cyclohexane	5.477	56	98569	18.064	ug/l	97
39) Methylcyclohexane	7.379	83	259722	46.786	ug/l	96
52) Toluene	8.726	92	18453	2.219	ug/l	95
68) m/p-Xylenes	10.299	106	33632	5.498	ug/l	99
73) Isopropylbenzene	10.964	105	22159	1.400	ug/l	98
78) n-propylbenzene	11.305	91	50928	2.668	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	39602	3.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86207	6.630	ug/l	97
86) p-Isopropyltoluene	12.006	119	17728	1.264	ug/l	98

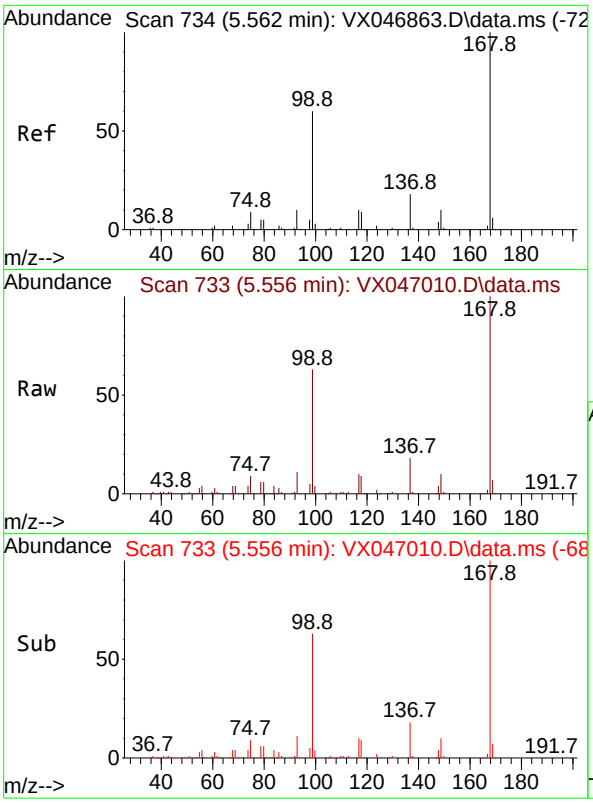
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047010.D
Acq On : 15 Jul 2025 18:10
Operator : JC/MD
Sample : Q2503-04ME
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Quant Time: Jul 16 02:32:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



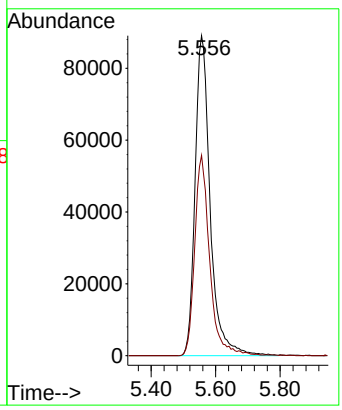


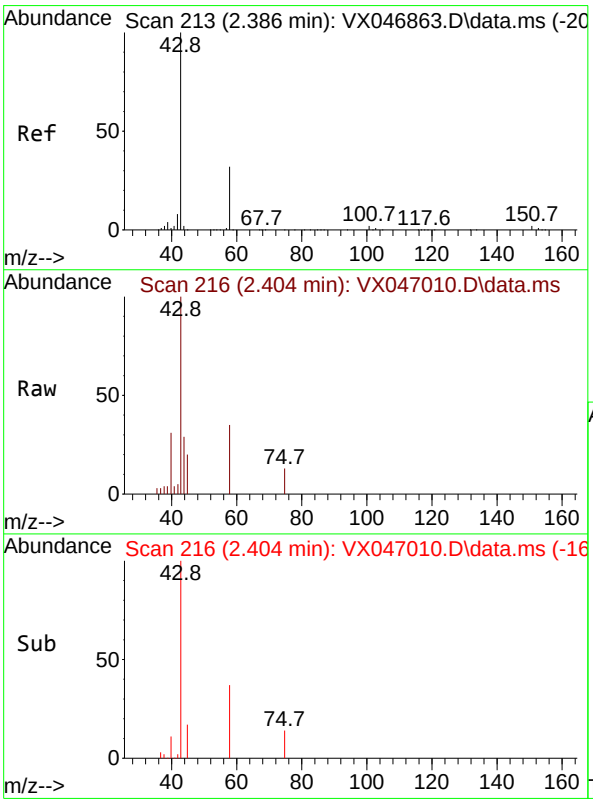
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:168 Resp: 288950

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2

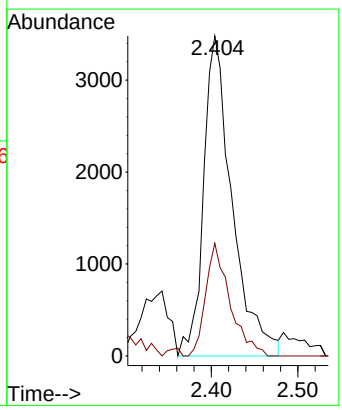


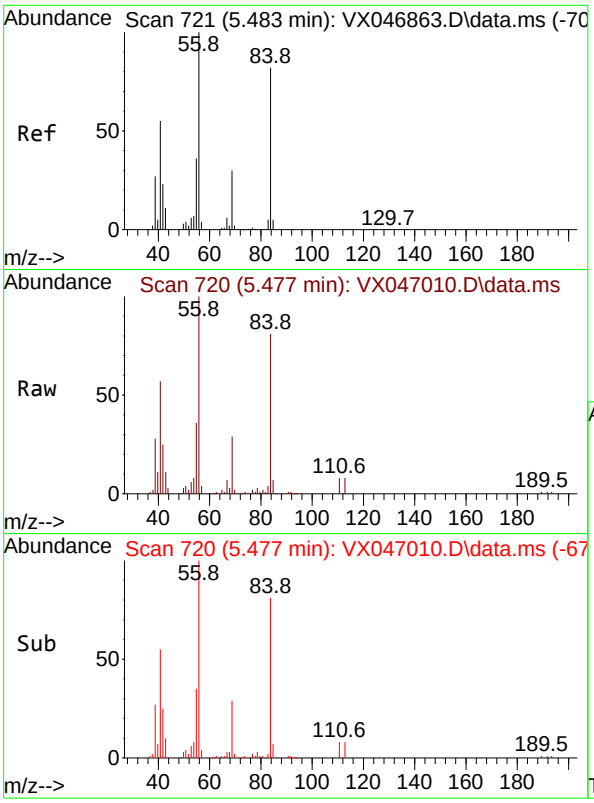


#16
Acetone
Concen: 6.716 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 43 Resp: 7963

Ion	Ratio	Lower	Upper
43	100		
58	35.2	25.8	38.6



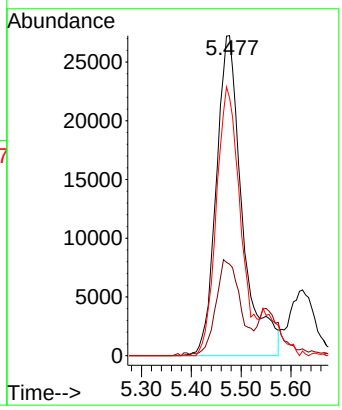


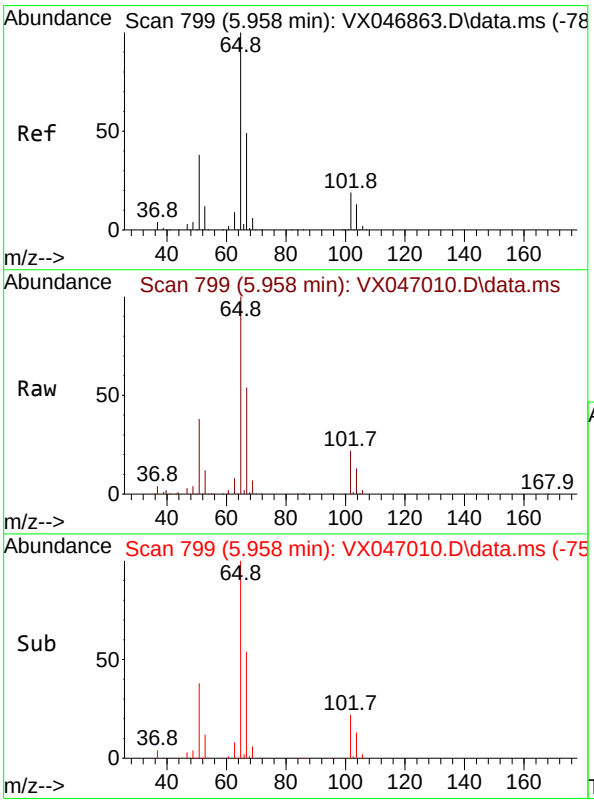
#31
Cyclohexane
Concen: 18.064 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 56 Resp: 98569

Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.0	36.0
84	80.8	66.5	99.7

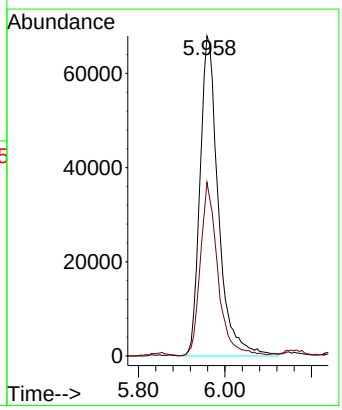


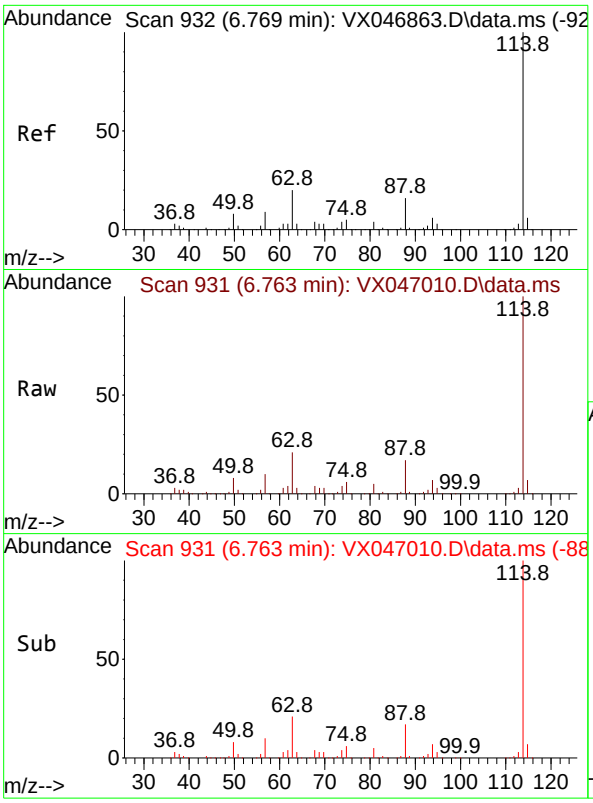


#33
1,2-Dichloroethane-d4
Concen: 52.359 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 65 Resp: 199872

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.2



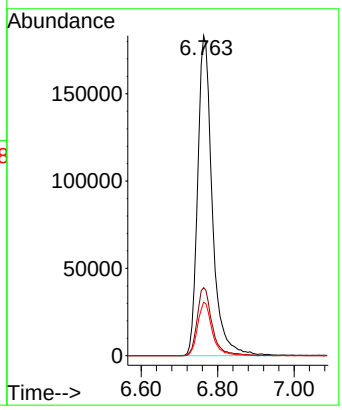


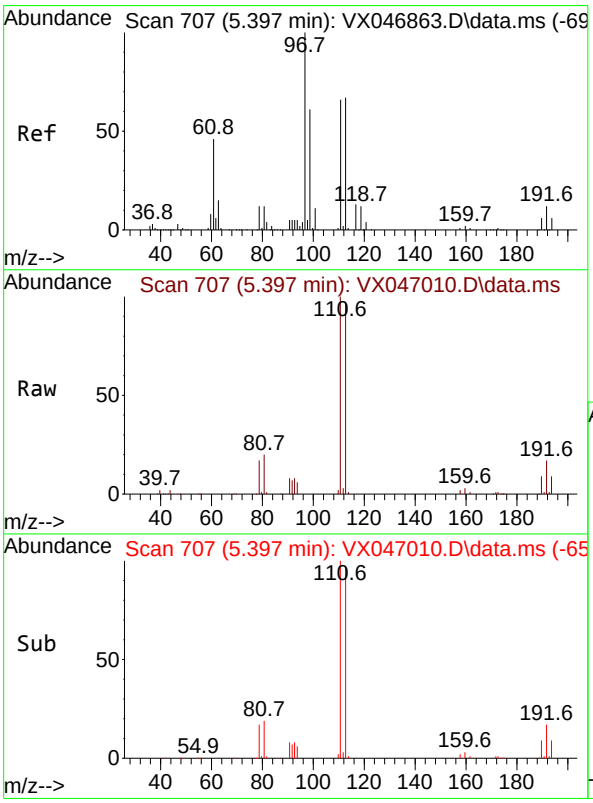
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:114 Resp: 484552

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.4
88	16.7	0.0	31.0

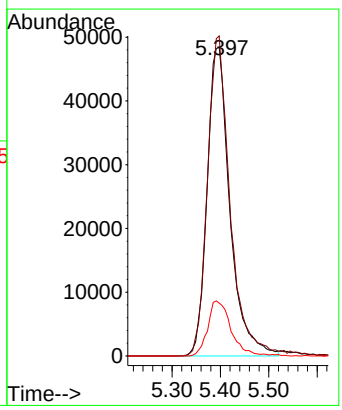


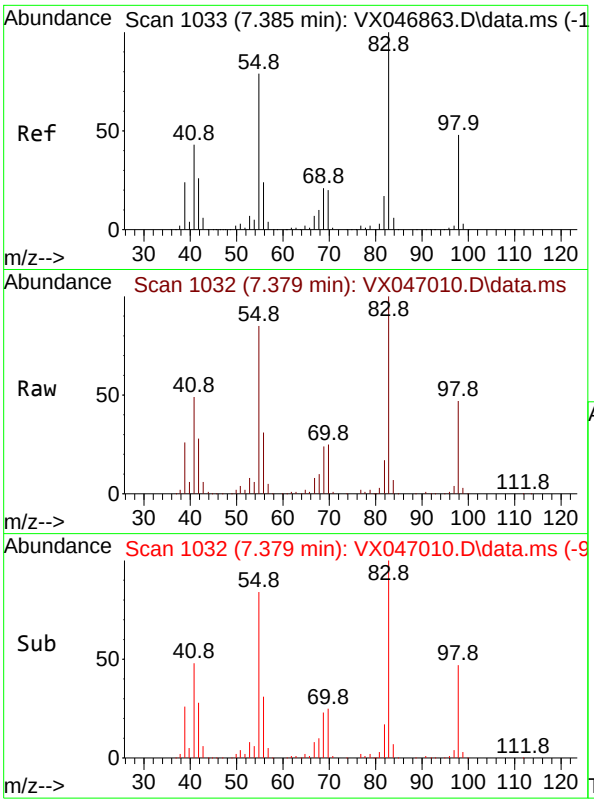


#35
Dibromofluoromethane
Concen: 48.148 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:113 Resp: 158367

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.2	121.8
192	18.1	15.3	22.9



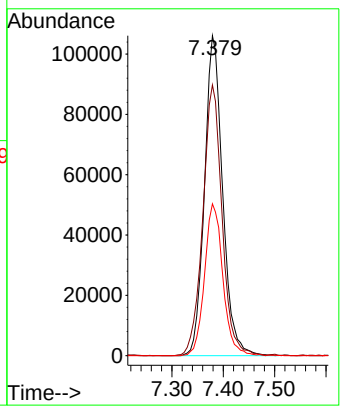


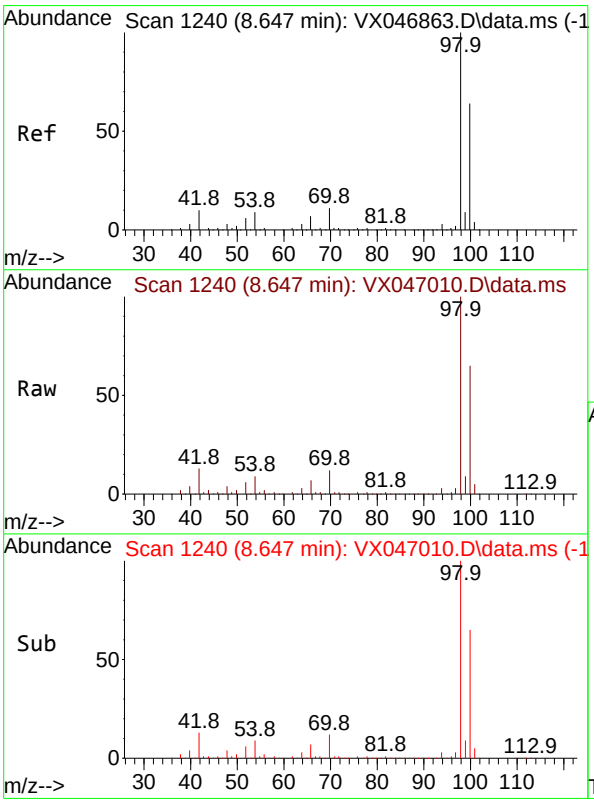
#39
Methylcyclohexane
Concen: 46.786 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 83 Resp: 259722

Ion	Ratio	Lower	Upper
83	100		
55	84.4	63.0	94.4
98	47.5	38.5	57.7

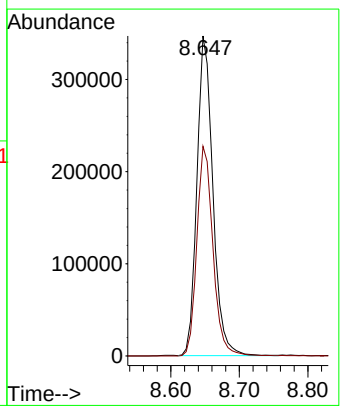


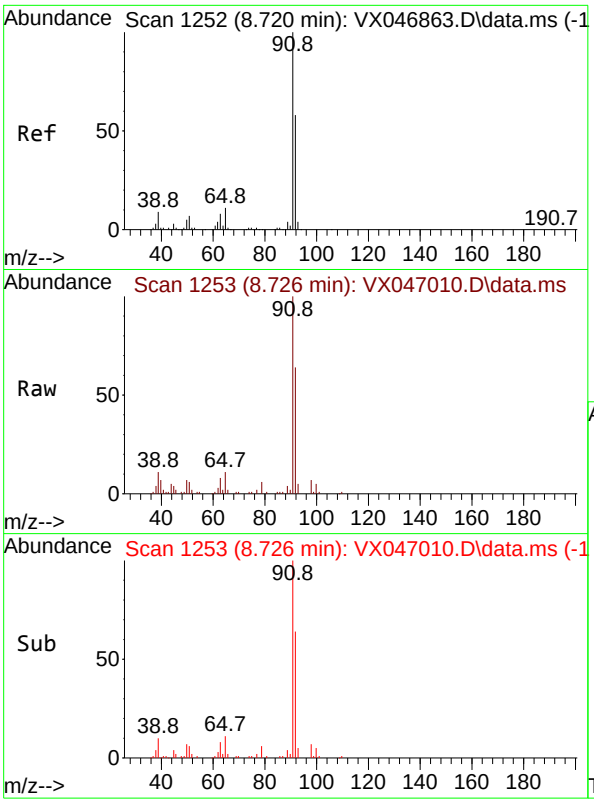


#50
Toluene-d8
Concen: 48.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 98 Resp: 562676

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6



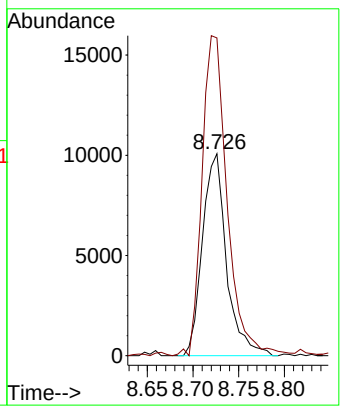


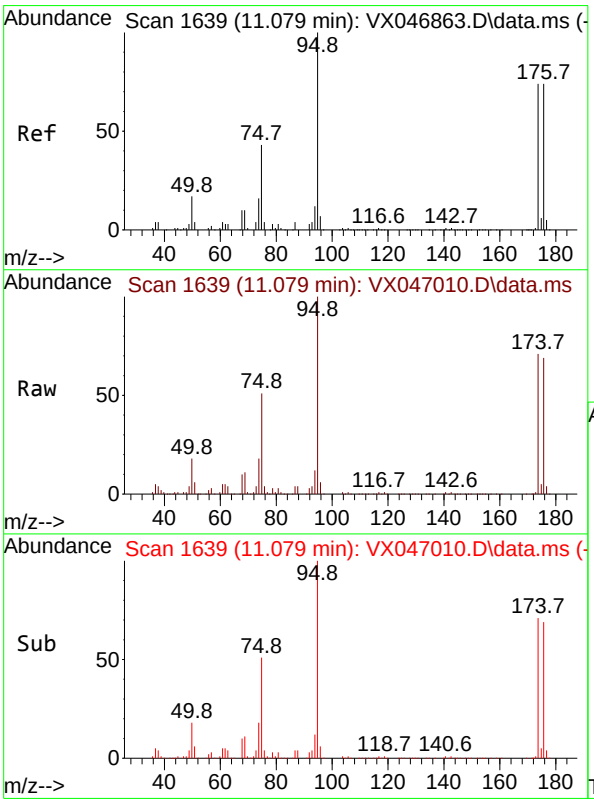
#52
Toluene
Concen: 2.219 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 92 Resp: 18453

Ion	Ratio	Lower	Upper
92	100		
91	165.4	137.9	206.9

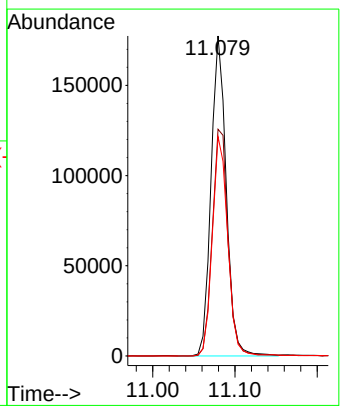


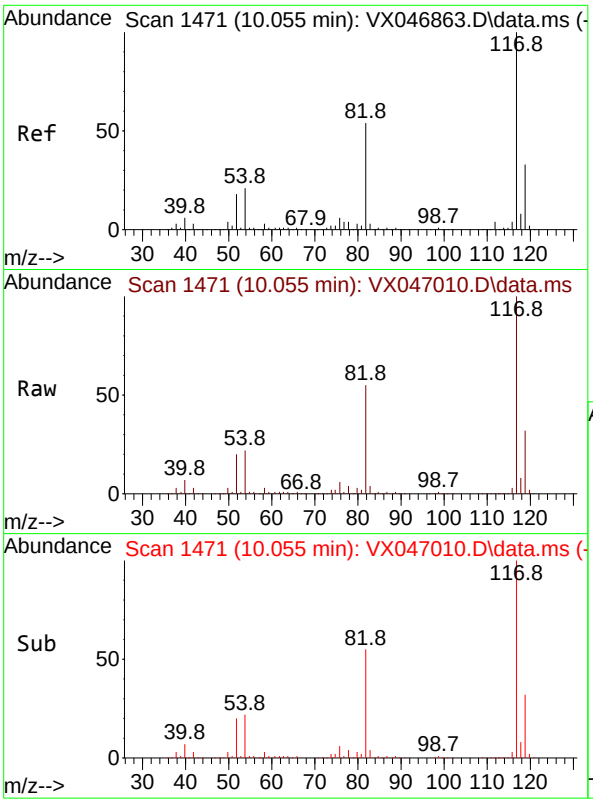


#62
4-Bromofluorobenzene
Concen: 51.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 95 Resp: 227361

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	152.0
176	69.8	0.0	145.2



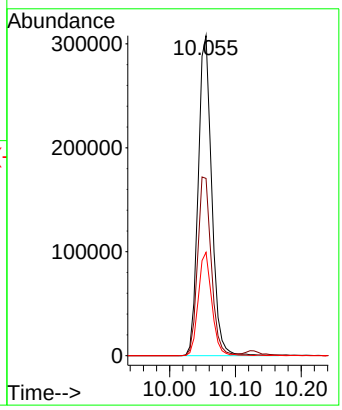


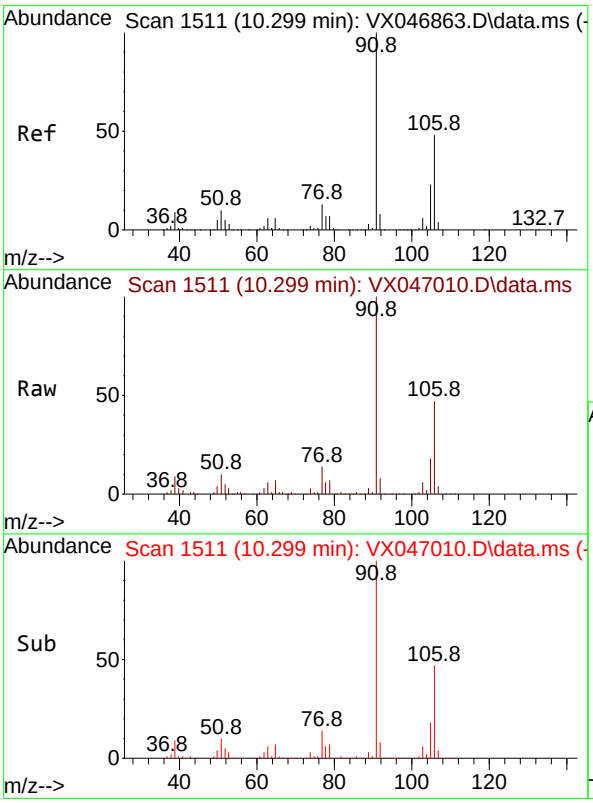
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:117 Resp: 438449

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	32.3	26.4	39.6

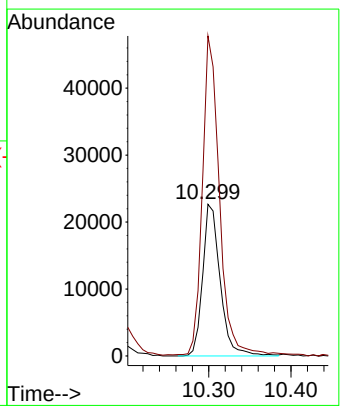


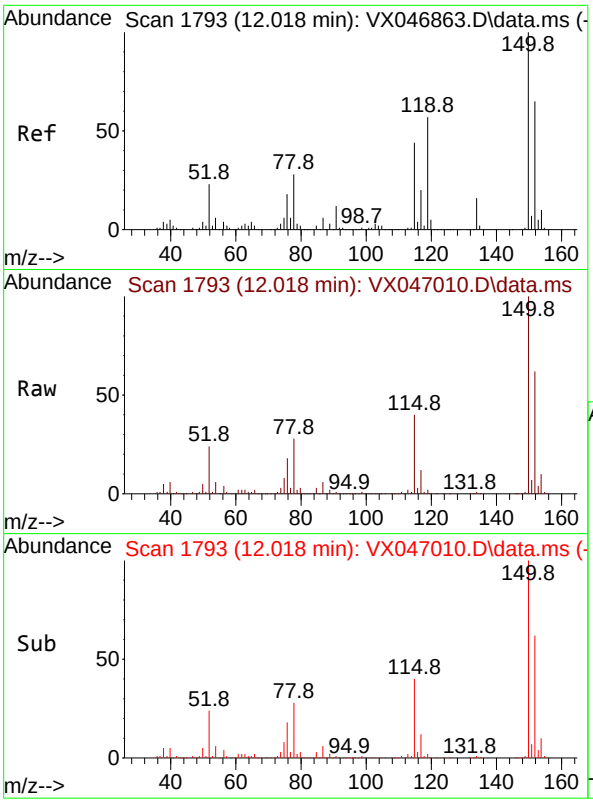


#68
m/p-Xylenes
Concen: 5.498 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:106 Resp: 33632

Ion	Ratio	Lower	Upper
106	100		
91	207.6	164.6	246.8



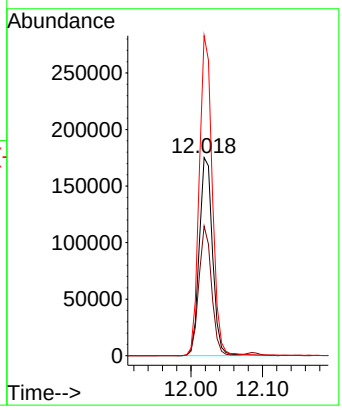


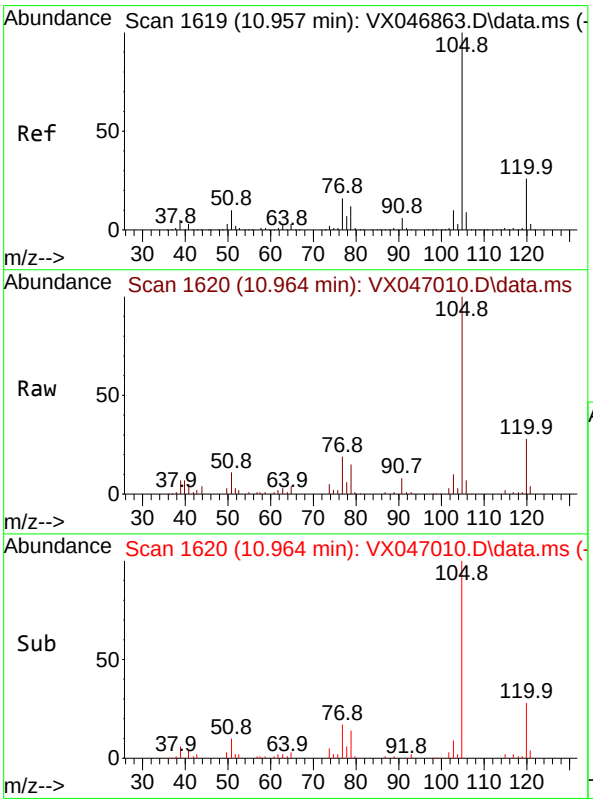
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:152 Resp: 225226

Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.4	127.1
150	158.5	0.0	349.2

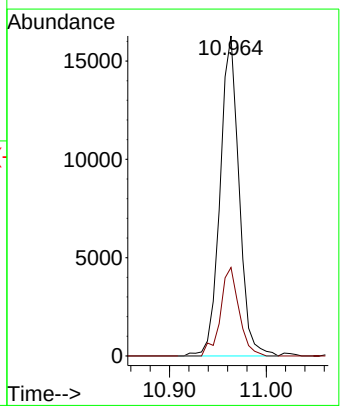


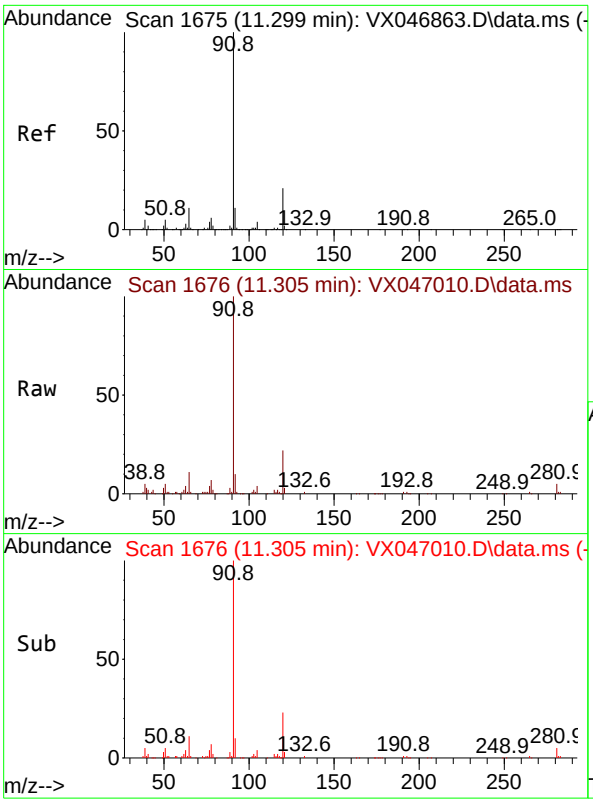


#73
Isopropylbenzene
Concen: 1.400 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:105 Resp: 22159

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.2	39.5



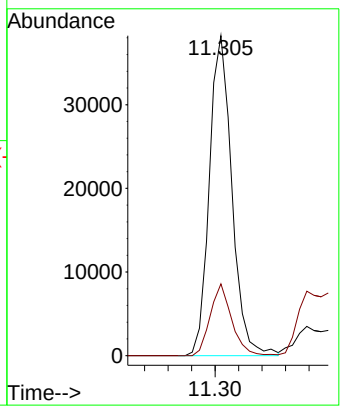


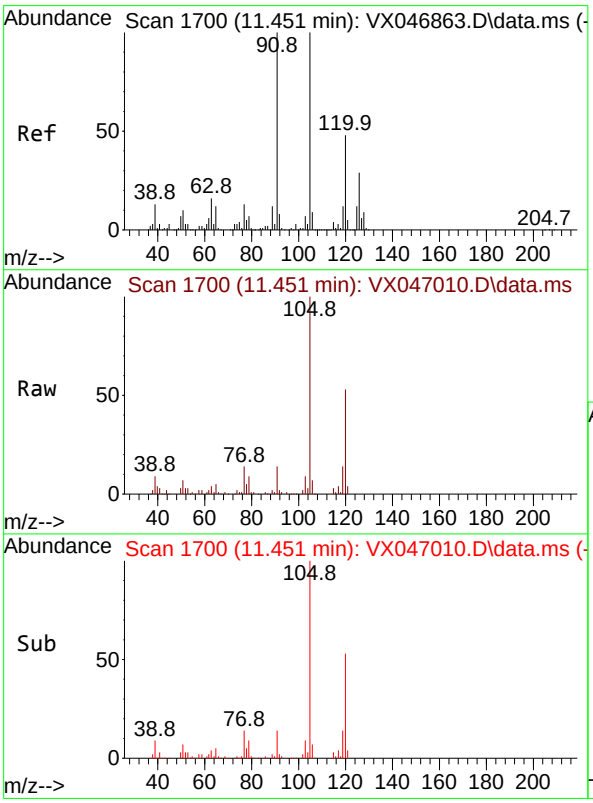
#78
n-propylbenzene
Concen: 2.668 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 91 Resp: 50928

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.2	33.5

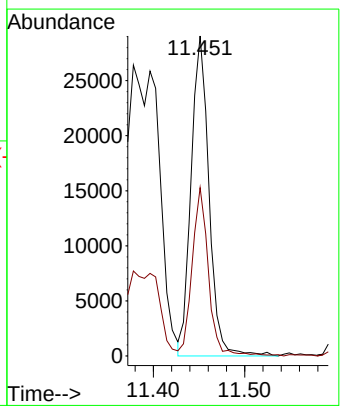


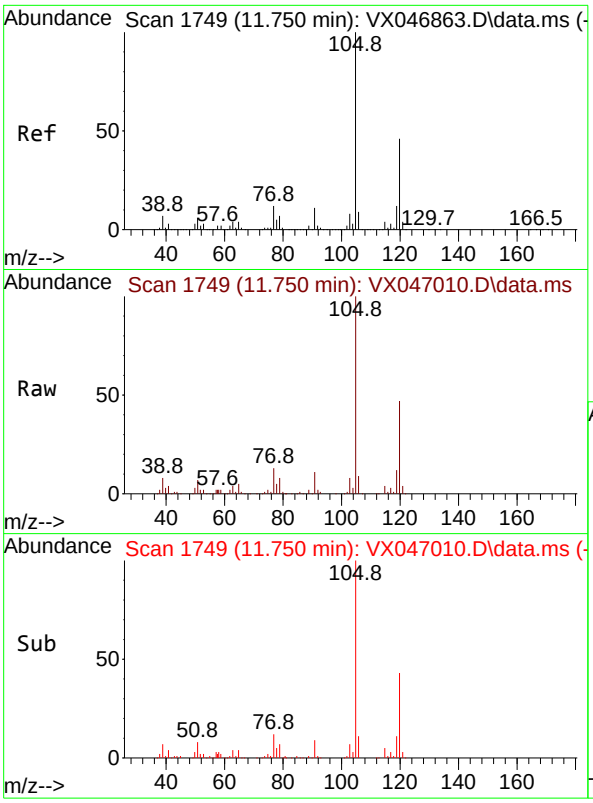


#80
1,3,5-Trimethylbenzene
Concen: 3.078 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:105 Resp: 39602

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.4



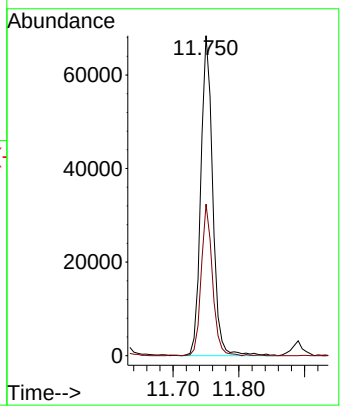


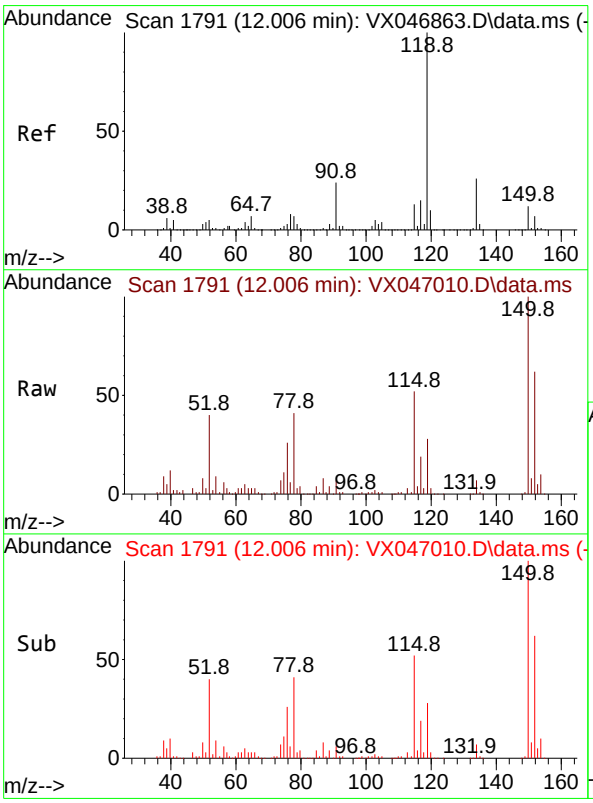
#84
1,2,4-Trimethylbenzene
Concen: 6.630 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:105 Resp: 86207

Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.3	69.8

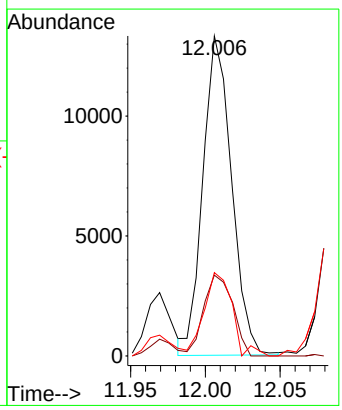




#86
p-Isopropyltoluene
Concen: 1.264 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:119 Resp: 17728

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	25.4	12.0	36.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Time: Jul 15 02:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	179274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	359991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	334968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	123390	47.960	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	95.920%		
35) Dibromofluoromethane	7.898	113	110604	47.084	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	94.160%		
50) Toluene-d8	10.324	98	392793	44.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	89.860%		
62) 4-Bromofluorobenzene	12.617	95	148493	46.158	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	92.320%		

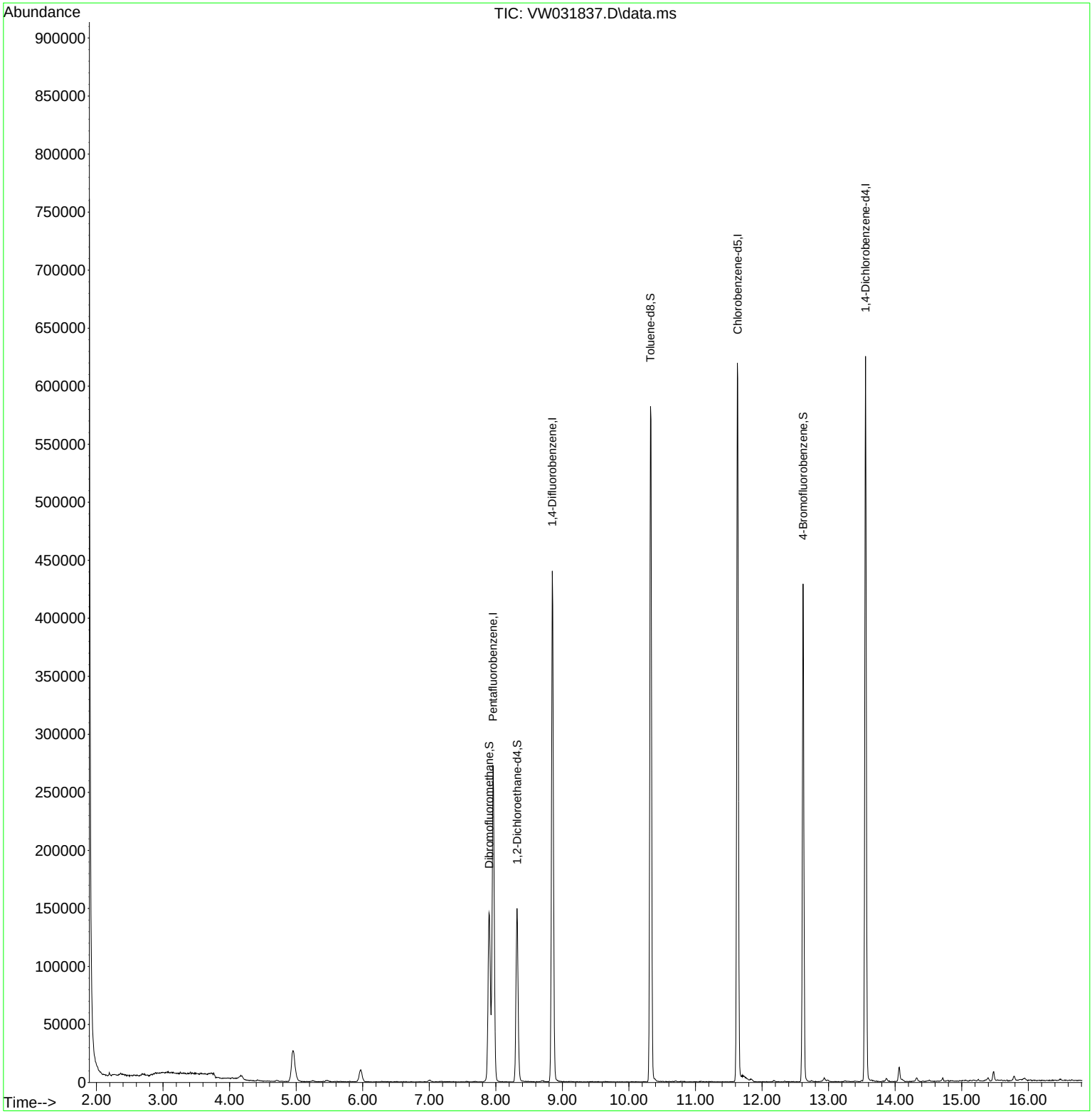
Target Compounds Qvalue

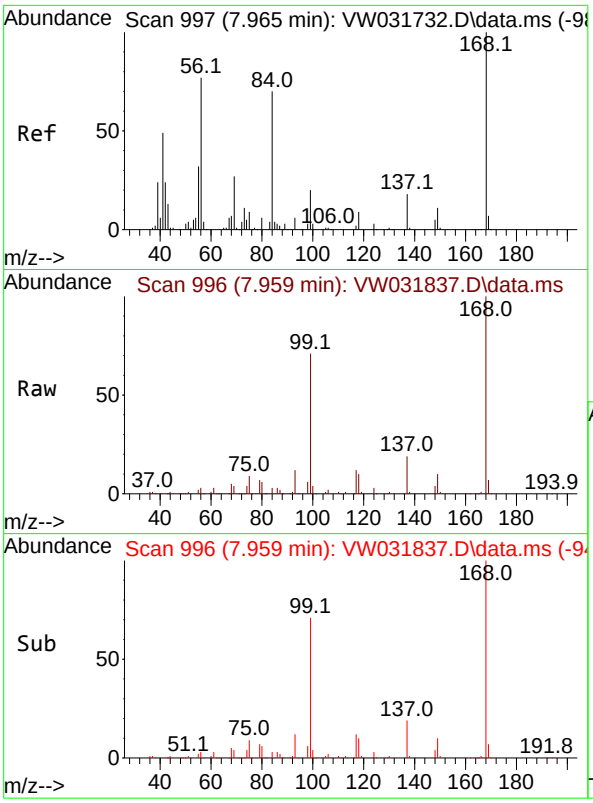
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Time: Jul 15 02:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



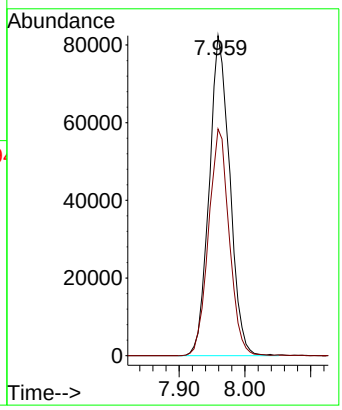


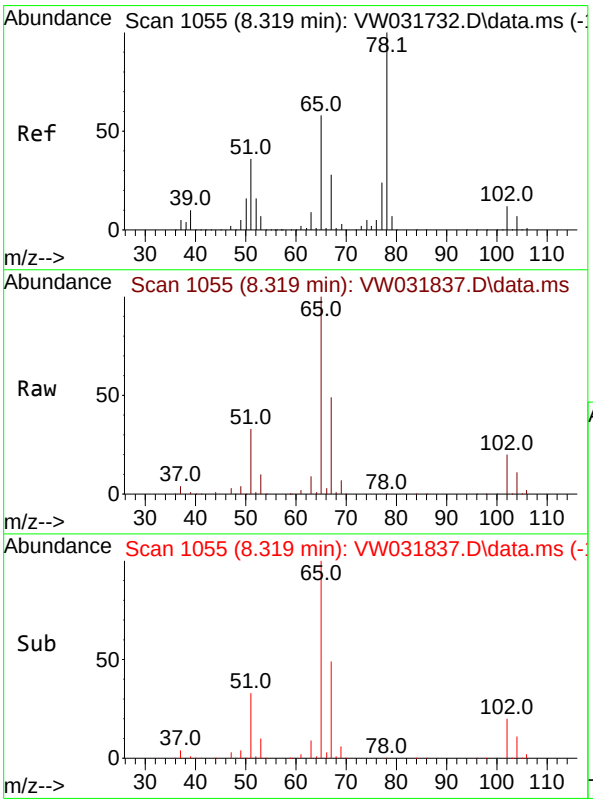
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion:168 Resp: 179274

Ion	Ratio	Lower	Upper
168	100		
99	70.9	49.4	74.2

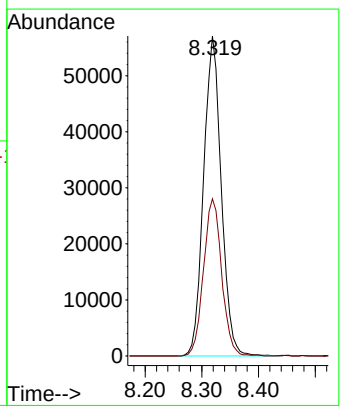


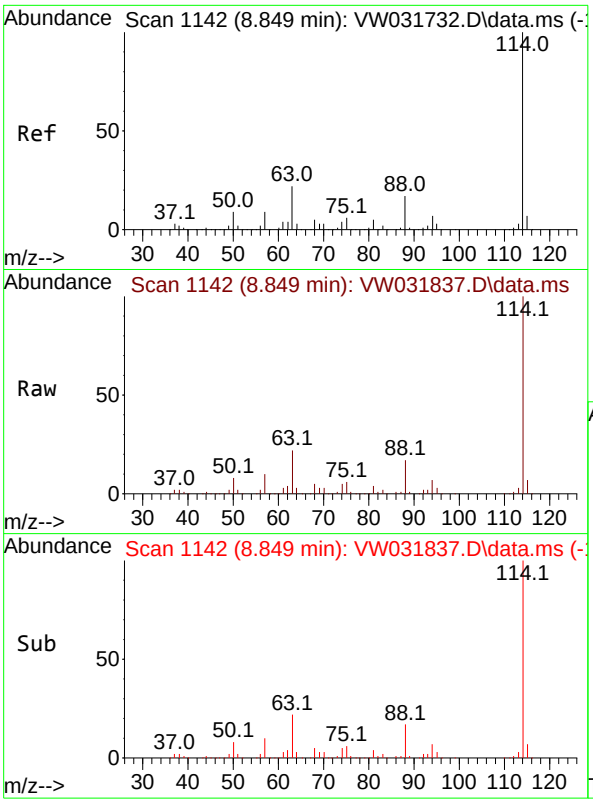


#33
1,2-Dichloroethane-d4
Concen: 47.960 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion: 65 Resp: 123390

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.4



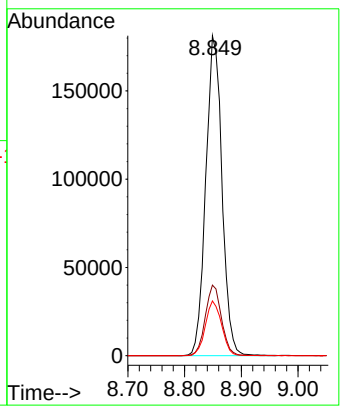


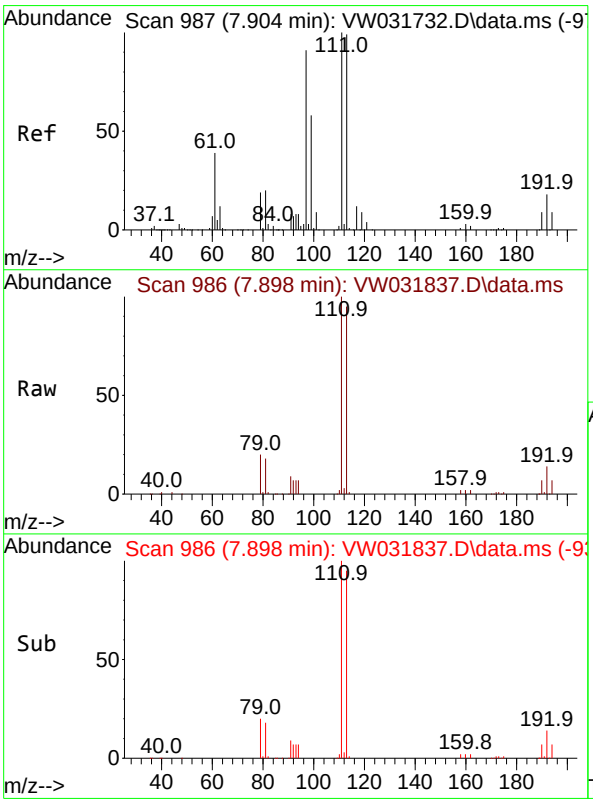
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion:114 Resp: 359991

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.6
88	17.1	0.0	34.2

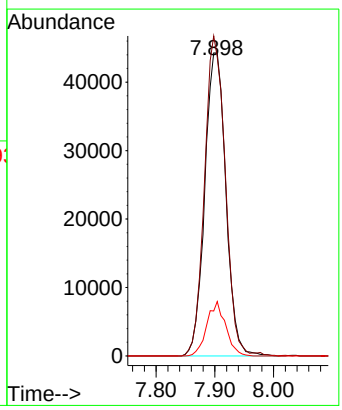


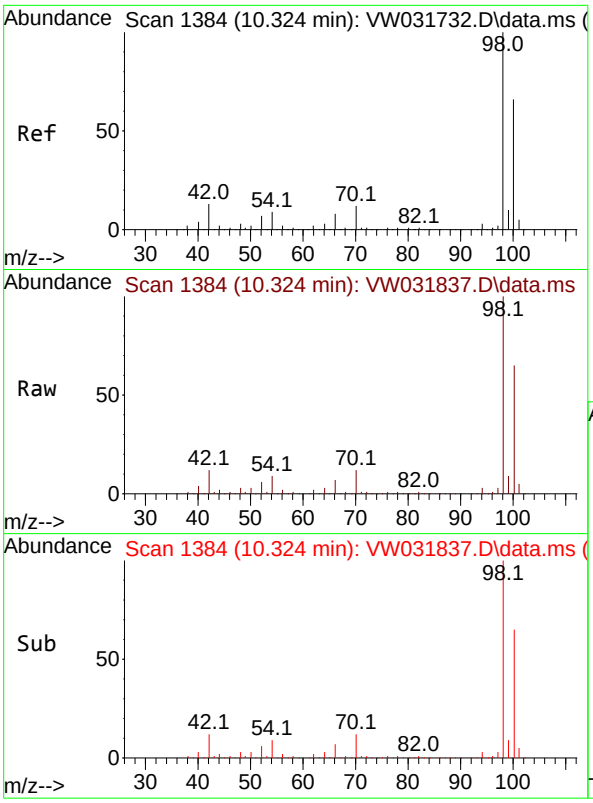


#35
Dibromofluoromethane
Concen: 47.084 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion:113 Resp: 110604

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.1	123.1
192	16.0	13.8	20.6



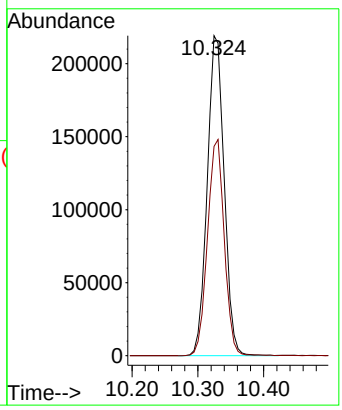


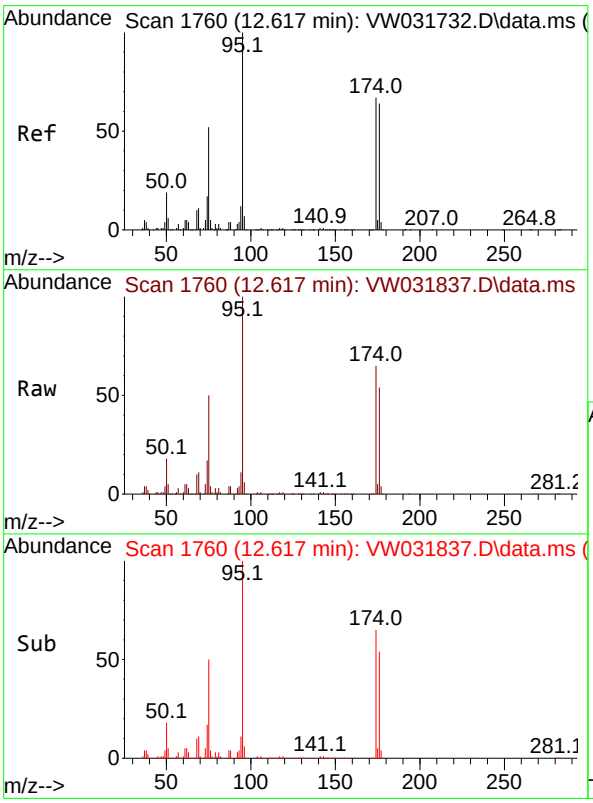
#50
Toluene-d8
Concen: 44.932 ug/l
RT: 10.324 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion: 98 Resp: 392793

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

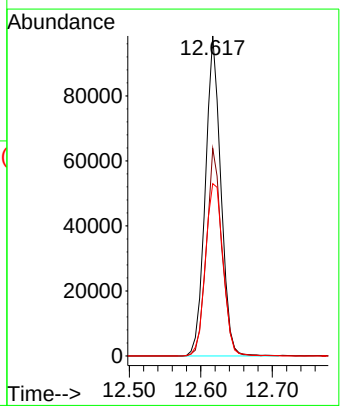


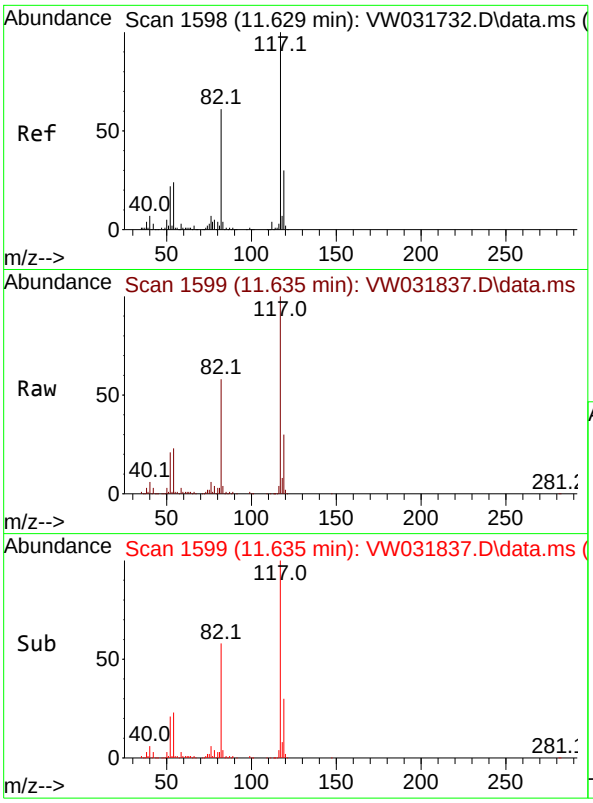


#62
4-Bromofluorobenzene
Concen: 46.158 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion: 95 Resp: 148493

Ion	Ratio	Lower	Upper
95	100		
174	64.4	0.0	133.8
176	61.2	0.0	126.0



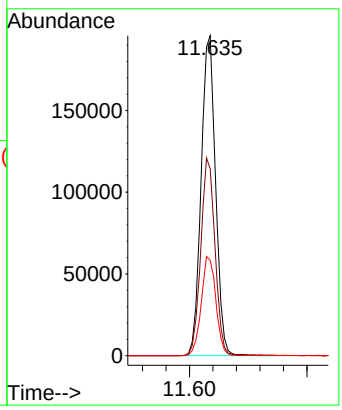


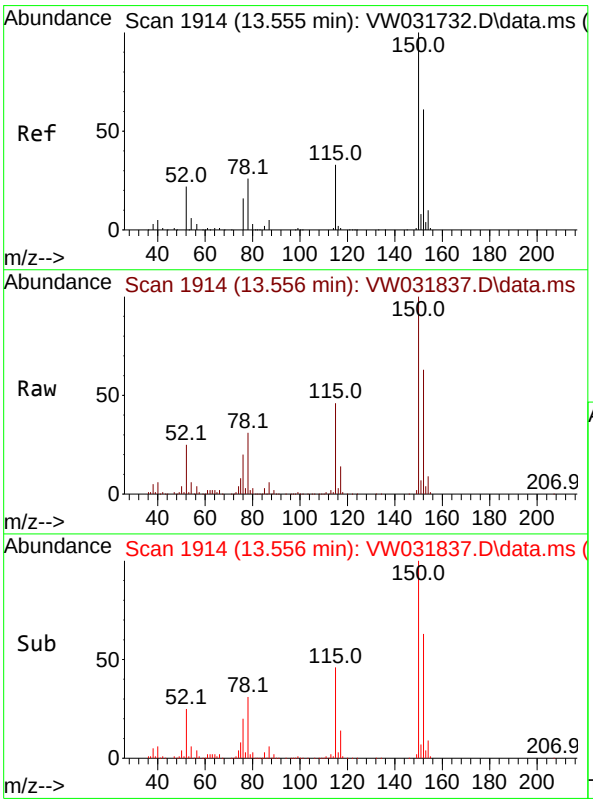
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion:117 Resp: 334968

Ion	Ratio	Lower	Upper
117	100		
82	58.4	48.6	72.8
119	29.8	23.9	35.9

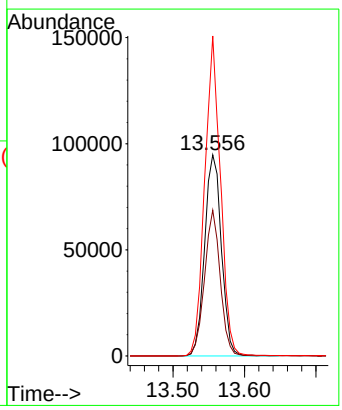




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion:152 Resp: 154203

Ion	Ratio	Lower	Upper
152	100		
115	67.9	31.9	95.7
150	149.9	0.0	356.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.953	492	503	518	rBV3	26515	101788	9.44%	1.657%
2	5.972	658	670	682	rVB2	10437	33599	3.12%	0.547%
3	7.898	971	986	991	rBV	145626	364956	33.86%	5.943%
4	7.959	991	996	1010	rVB	272079	592897	55.01%	9.654%
5	8.319	1043	1055	1068	rBV	149638	330517	30.67%	5.382%
6	8.849	1131	1142	1159	rBV	440218	874977	81.18%	14.247%
7	10.324	1376	1384	1400	rBV	582065	1060550	98.40%	17.269%
8	11.629	1591	1598	1608	rBV	618954	1077808	100.00%	17.550%
9	12.617	1752	1760	1778	rBV	429059	677426	62.85%	11.031%
10	13.556	1907	1914	1926	rBV	624522	989018	91.76%	16.104%
11	14.062	1987	1997	2003	rBV	12278	23208	2.15%	0.378%
12	15.482	2223	2230	2235	rBV	7905	14590	1.35%	0.238%

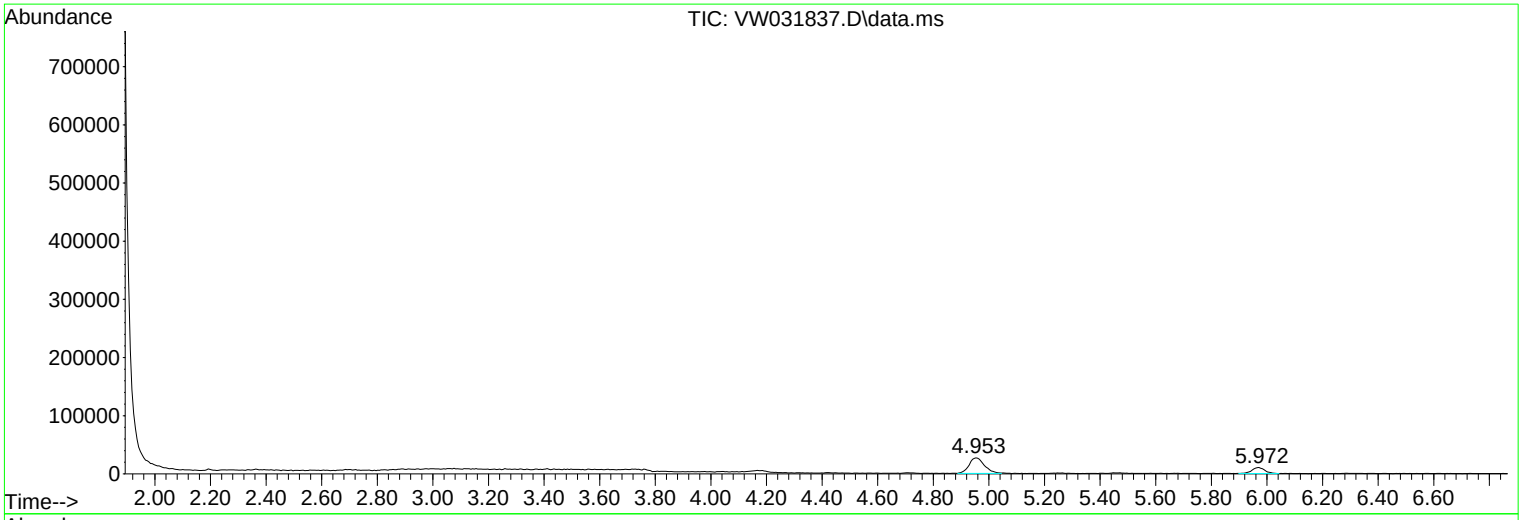
Sum of corrected areas: 6141334

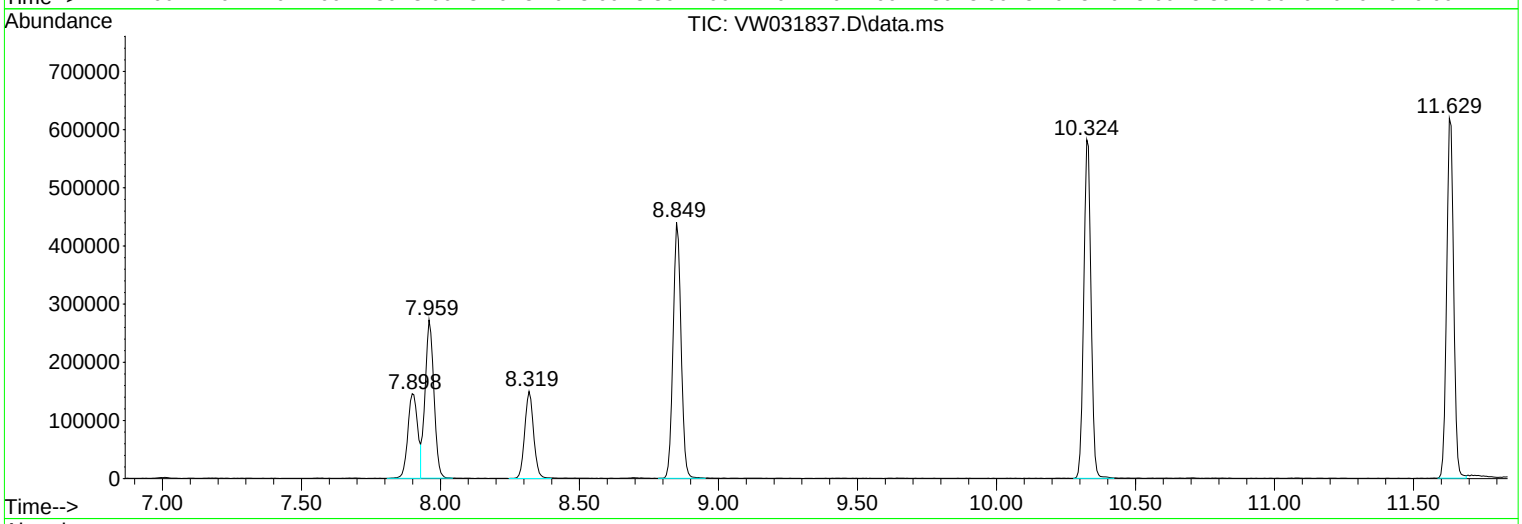
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

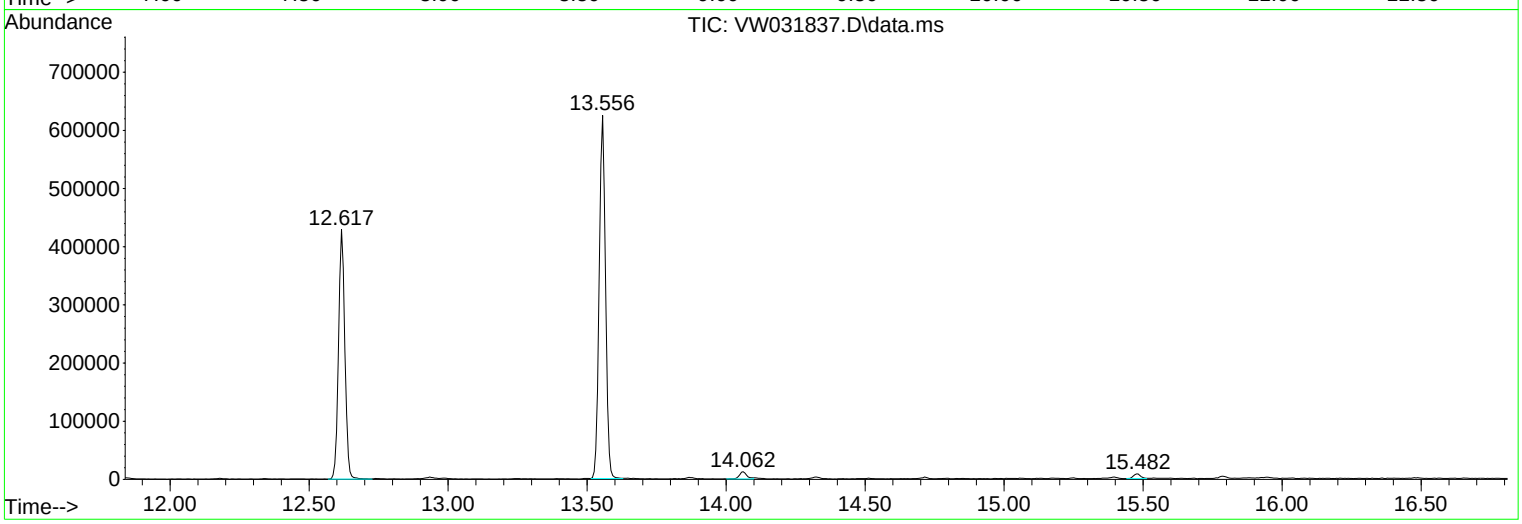
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

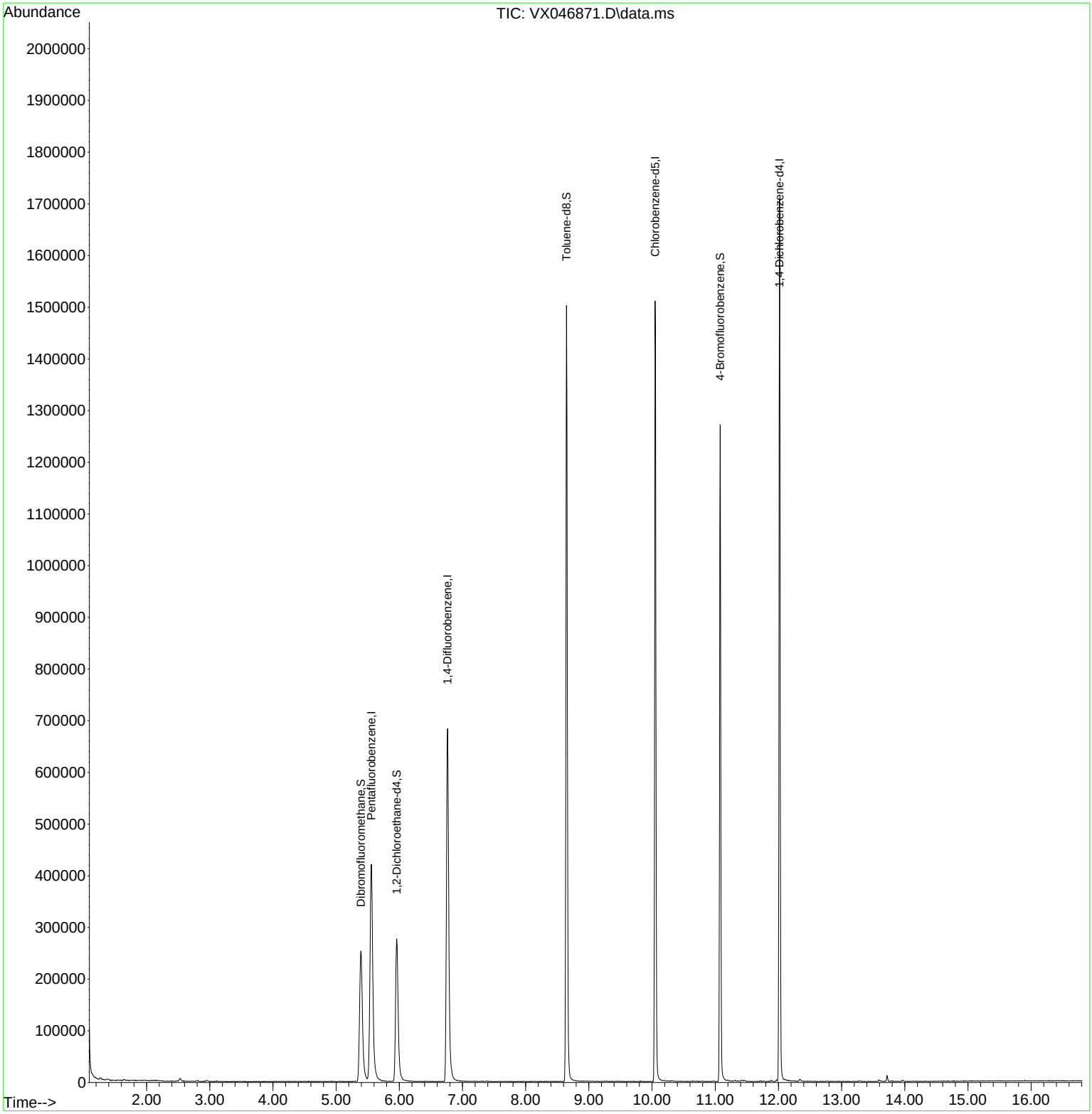
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	435949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	752530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	691838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	351915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	289406	50.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.500%			
35) Dibromofluoromethane	5.391	113	248443	48.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.647	98	893863	49.596	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.200%			
62) 4-Bromofluorobenzene	11.079	95	346730	50.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.240%			
Target Compounds						Qvalue

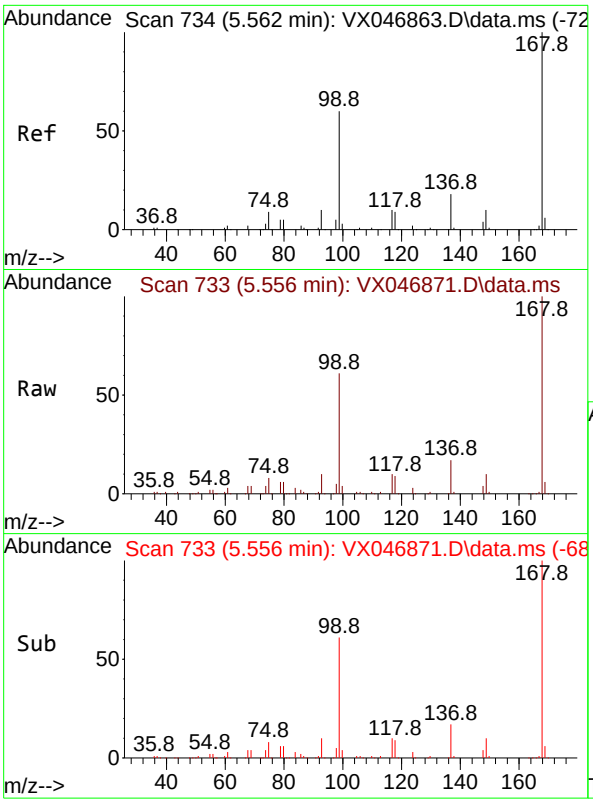
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



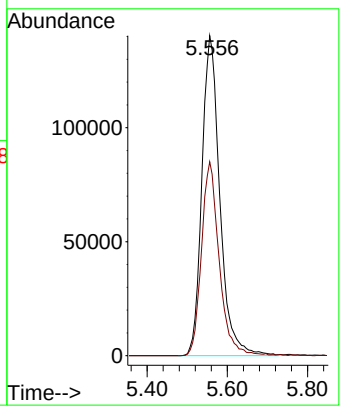


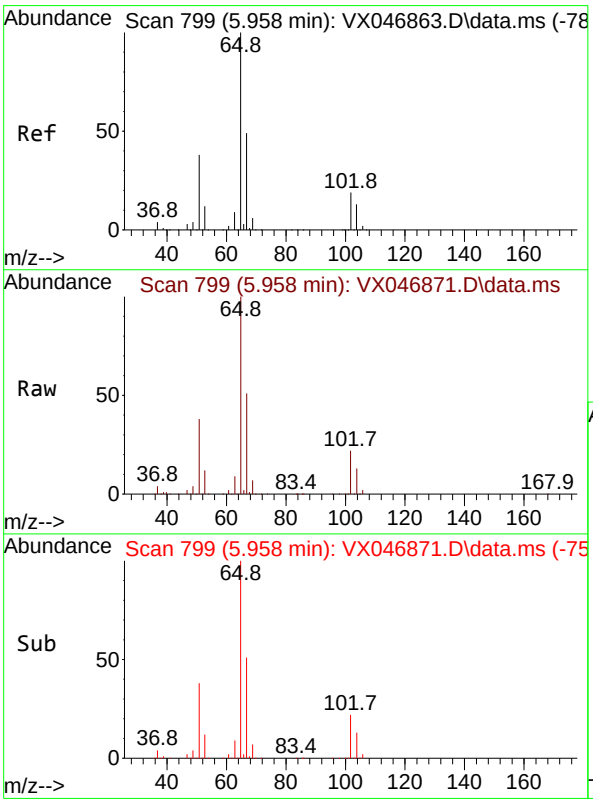
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:168 Resp: 435949

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.8	73.2

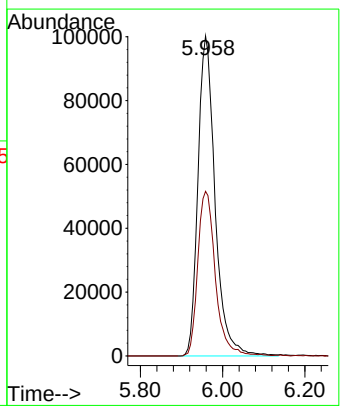


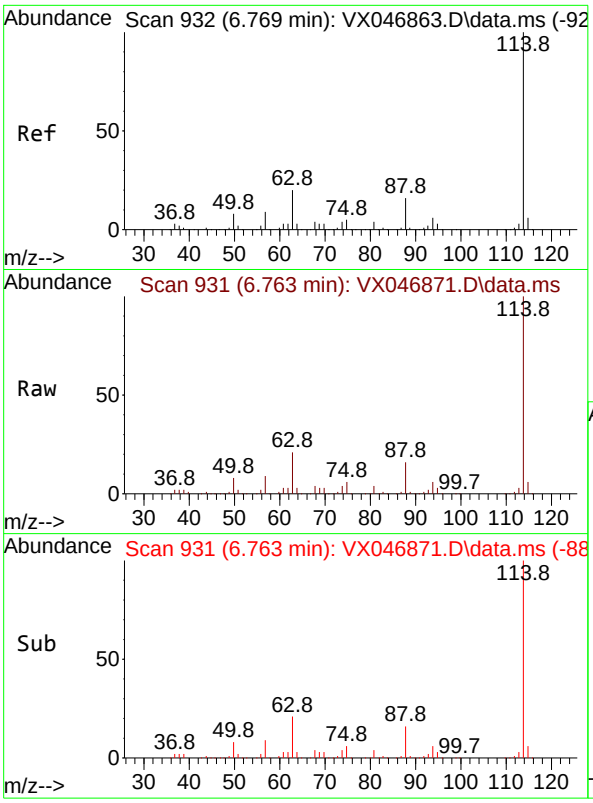


#33
1,2-Dichloroethane-d4
Concen: 50.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 65 Resp: 289406

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.2



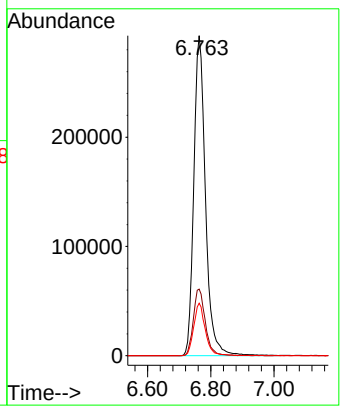


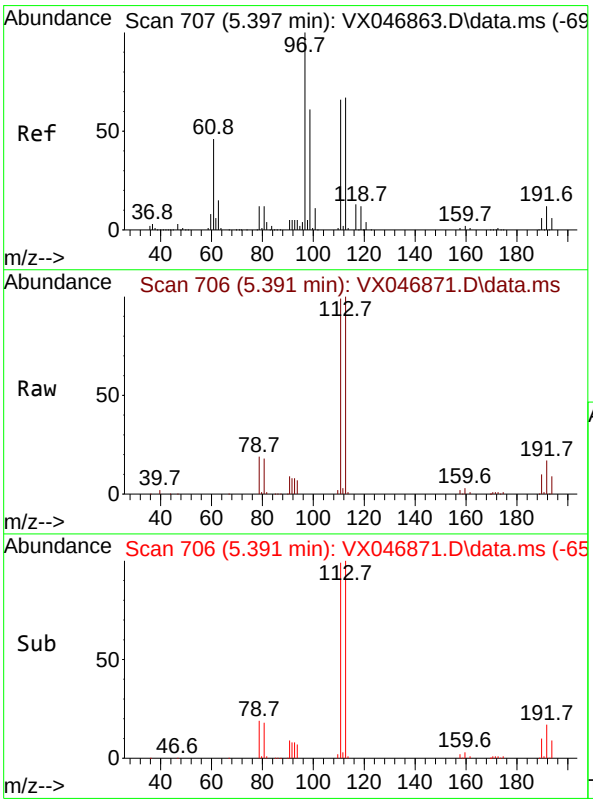
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:114 Resp: 752530

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	16.4	0.0	31.0

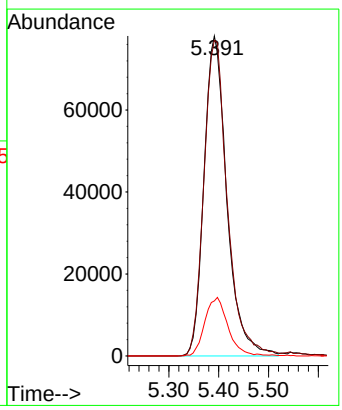


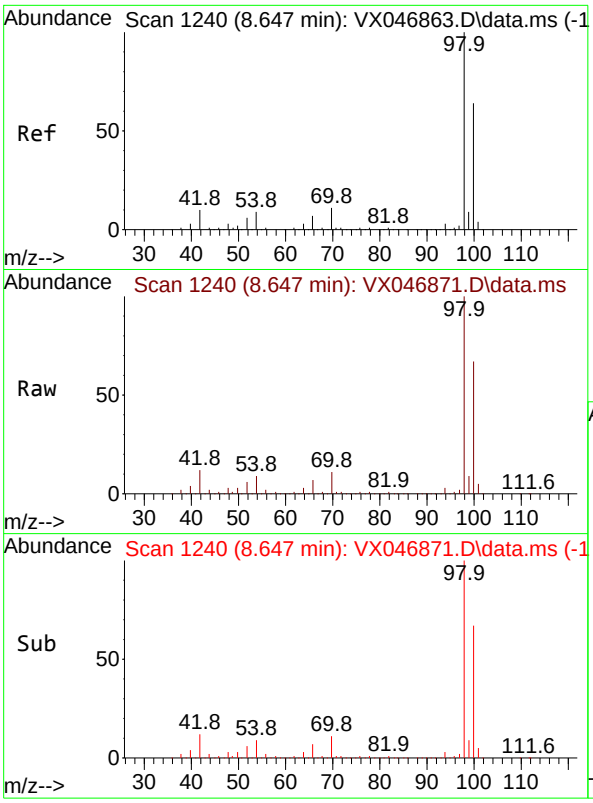


#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:113 Resp: 248443

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	18.6	15.3	22.9



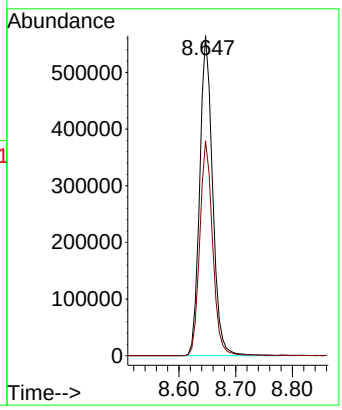


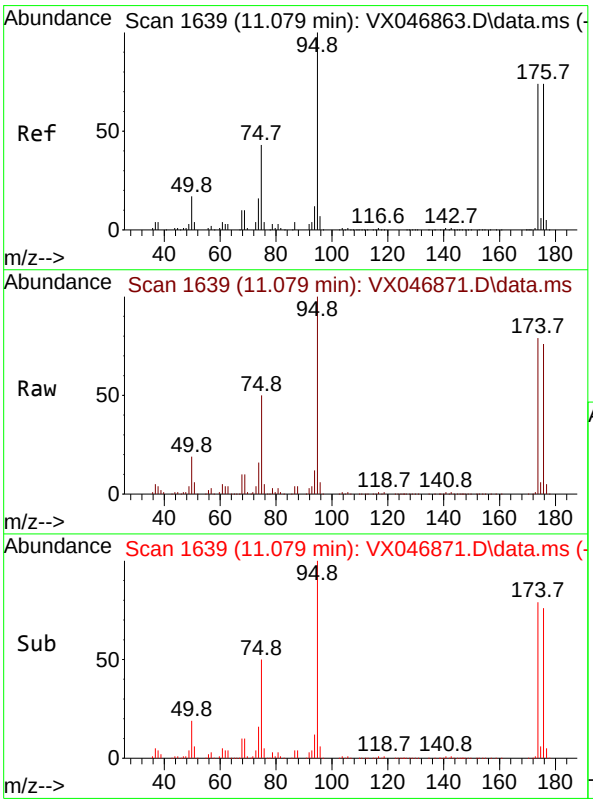
#50
Toluene-d8
Concen: 49.596 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion: 98 Resp: 893863

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6

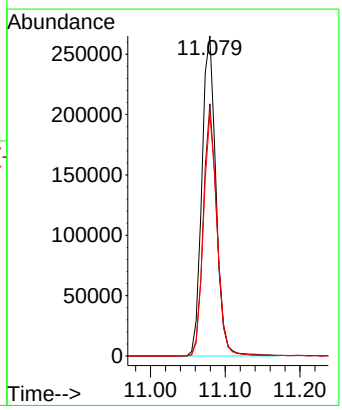


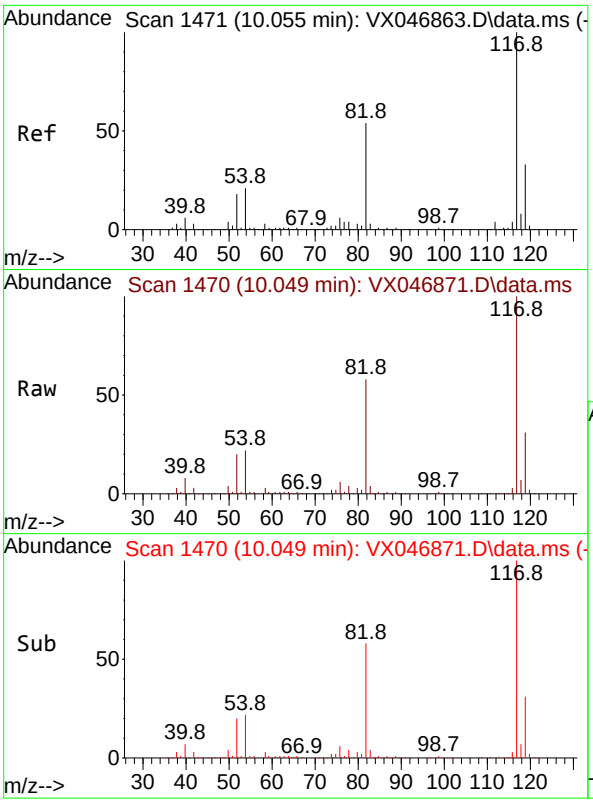


#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 95 Resp: 346730

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.0
176	73.3	0.0	145.2



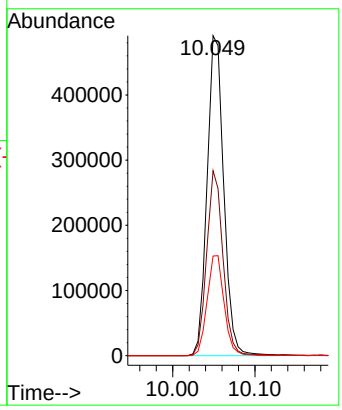


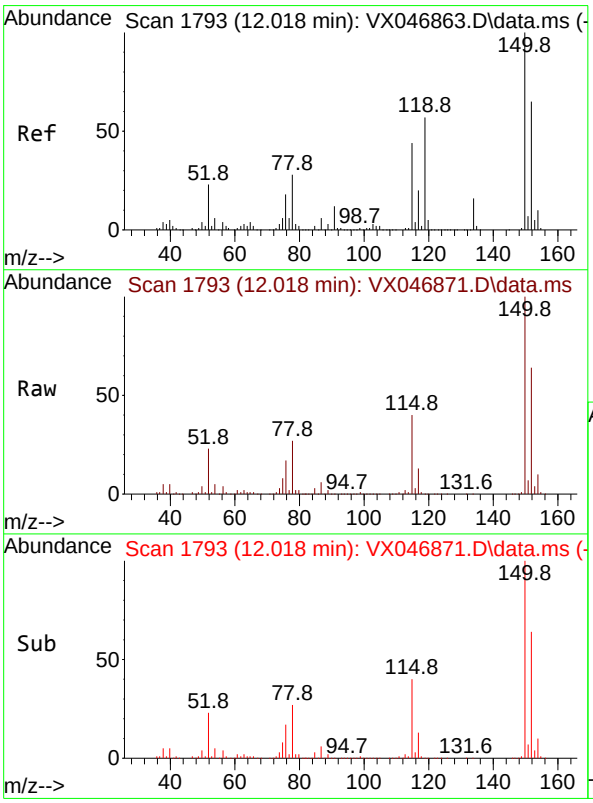
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:117 Resp: 691838

Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.3	64.9
119	31.1	26.4	39.6

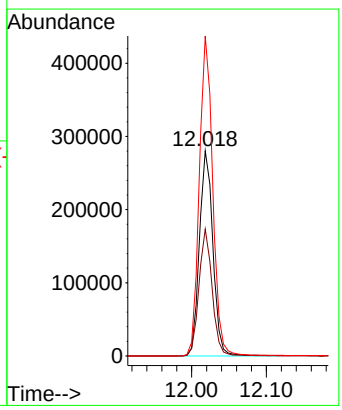




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:152 Resp: 351915

Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.4	127.1
150	155.3	0.0	349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	693	706	722	rBV3	252459	806462	33.72%	6.238%
2	5.556	722	733	755	rVB	417520	1288634	53.88%	9.968%
3	5.958	789	799	821	rBV	275779	796159	33.29%	6.159%
4	6.763	921	931	955	rBV	682915	1758304	73.51%	13.601%
5	8.647	1234	1240	1263	rBV	1501135	2391896	100.00%	18.503%
6	10.049	1465	1470	1488	rBV	1509598	2122659	88.74%	16.420%
7	11.079	1633	1639	1655	rBV	1270871	1647557	68.88%	12.745%
8	12.018	1788	1793	1805	rBV	1706389	2115618	88.45%	16.366%

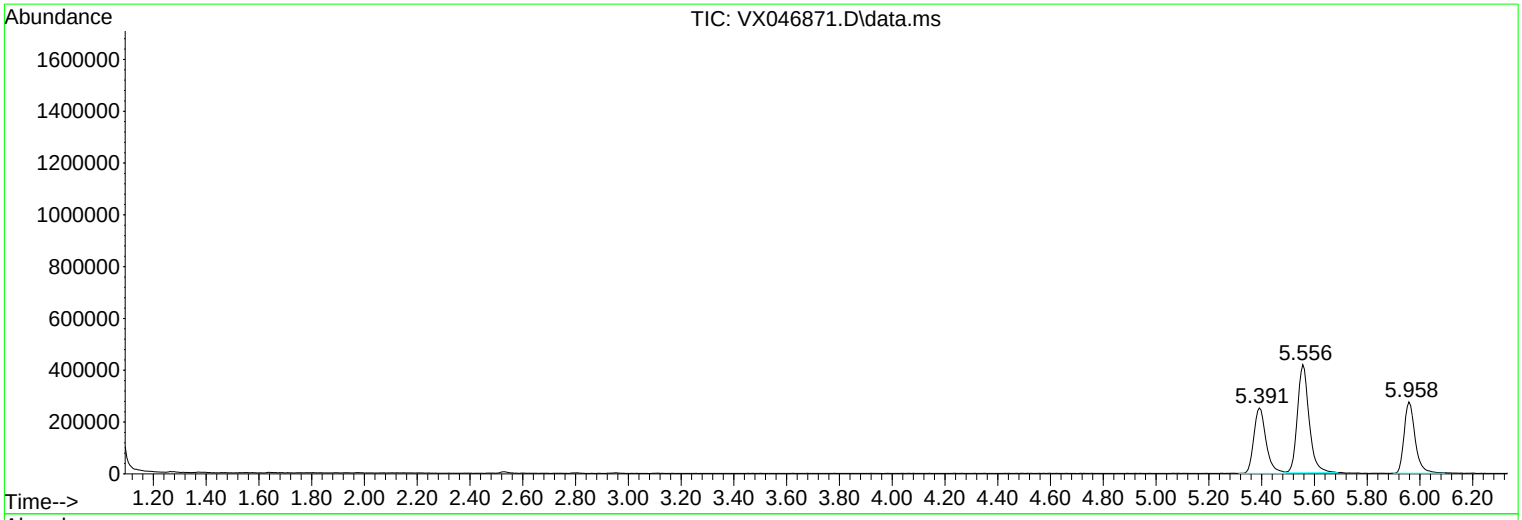
Sum of corrected areas: 12927289

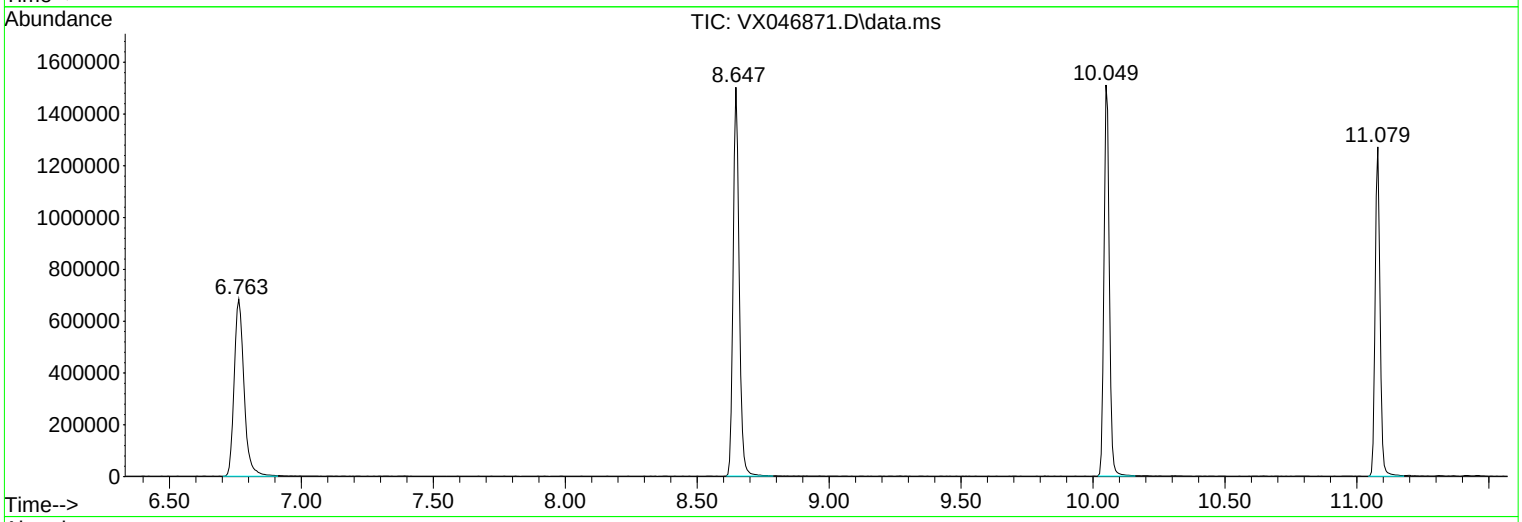
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

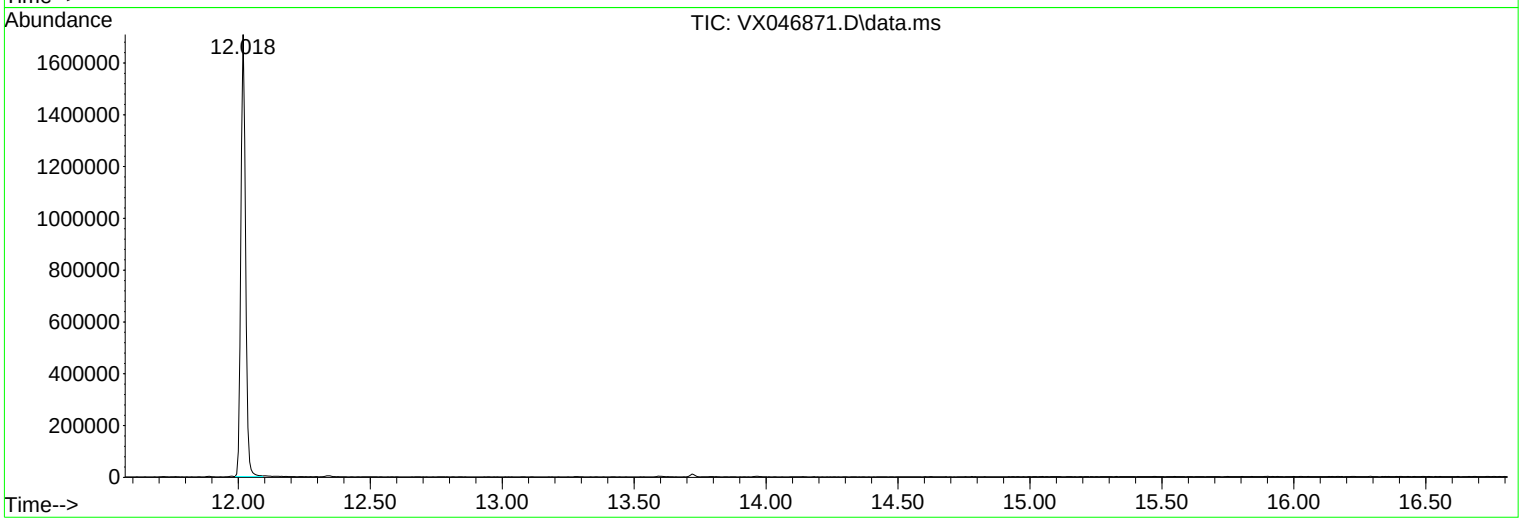
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Time: Jul 16 02:21:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

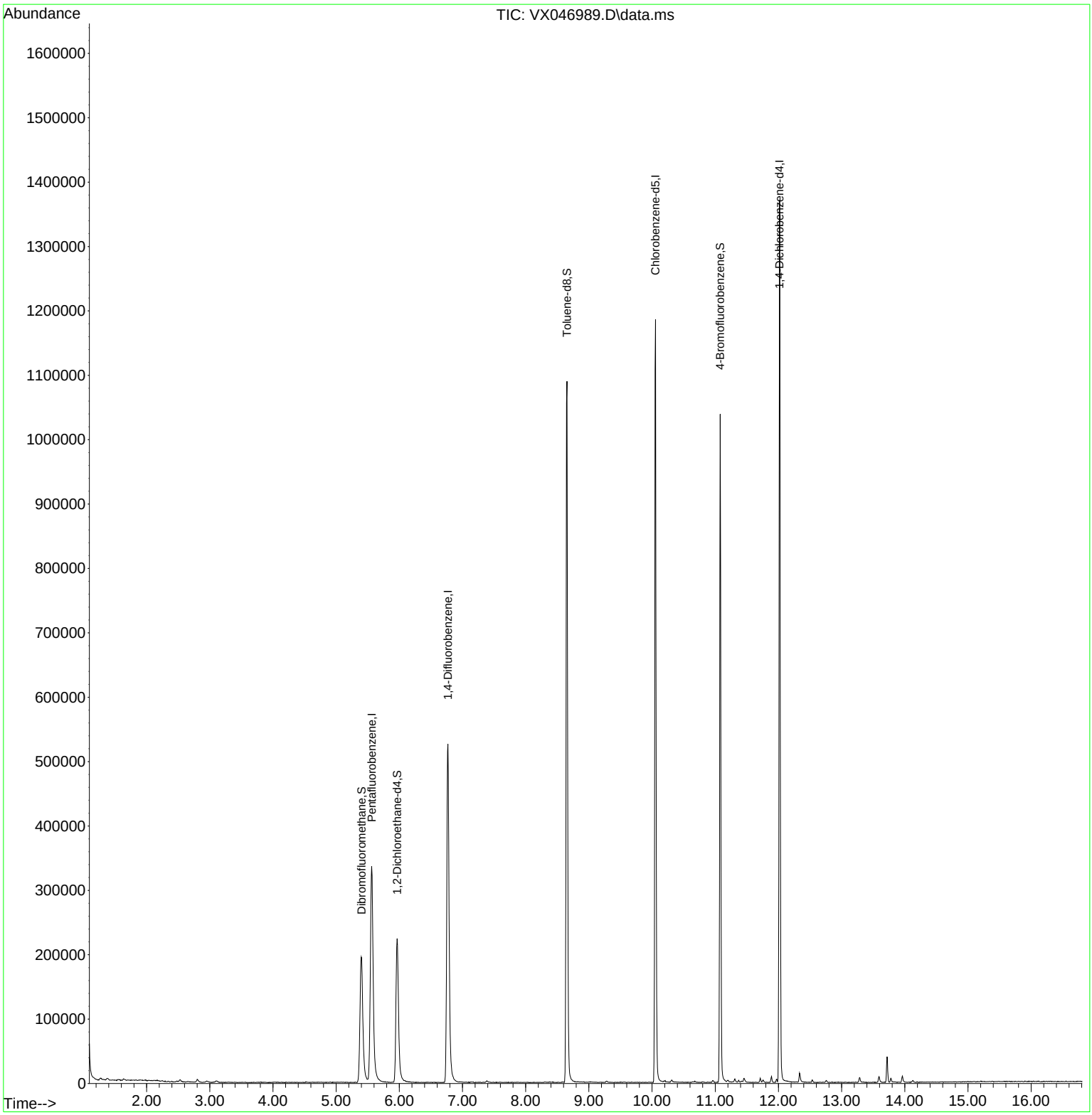
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	342671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	579223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	530422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	237011	52.355	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.700%			
35) Dibromofluoromethane	5.403	113	190701	48.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.000%			
50) Toluene-d8	8.653	98	672365	48.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.940%			
62) 4-Bromofluorobenzene	11.079	95	275251	52.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.420%			
Target Compounds						Qvalue

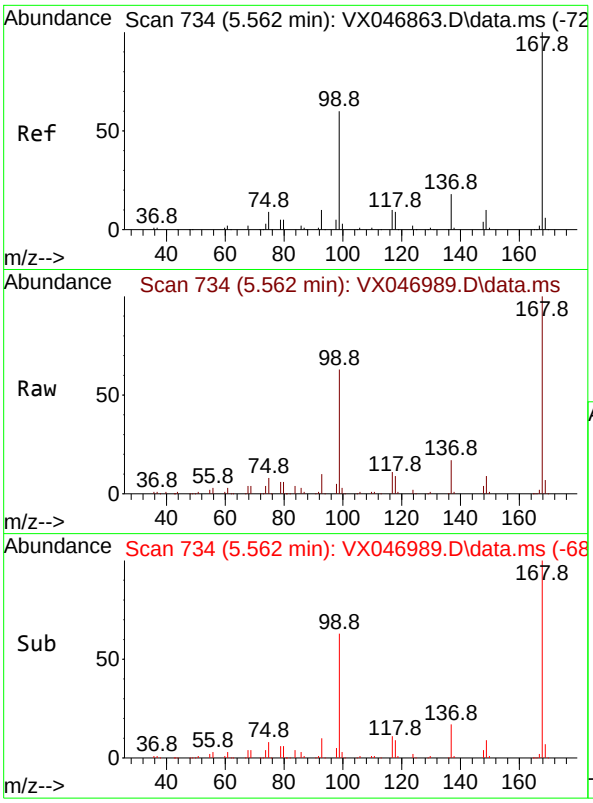
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Time: Jul 16 02:21:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



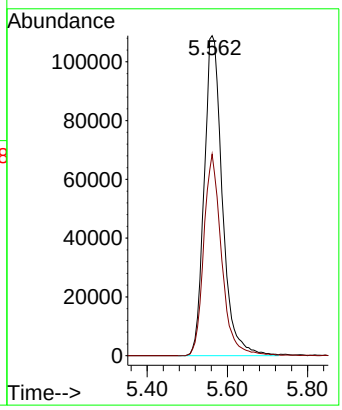


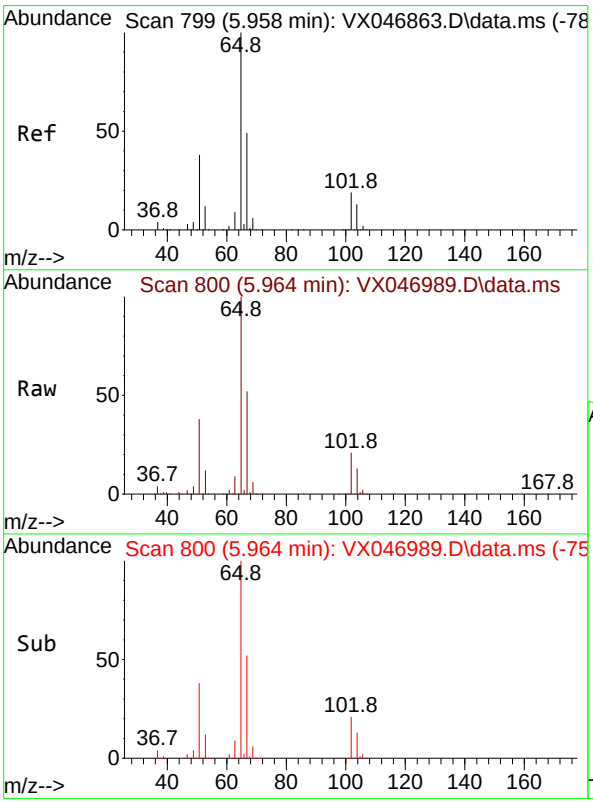
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion:168 Resp: 342671

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2

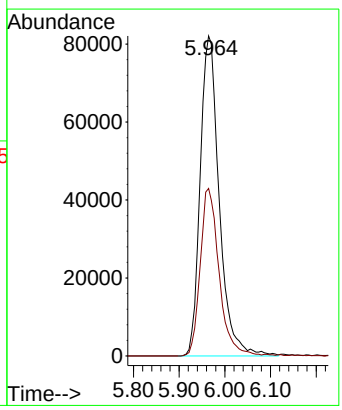


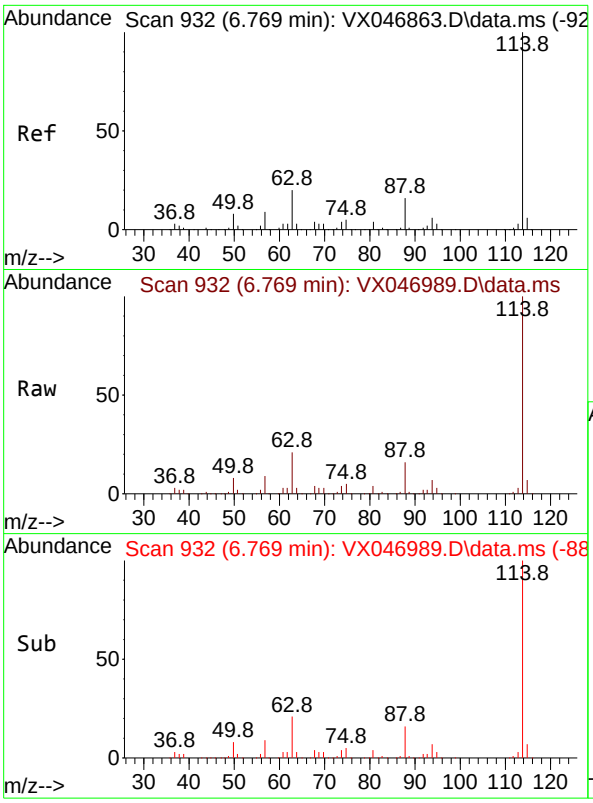


#33
1,2-Dichloroethane-d4
Concen: 52.355 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion: 65 Resp: 237011

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.2



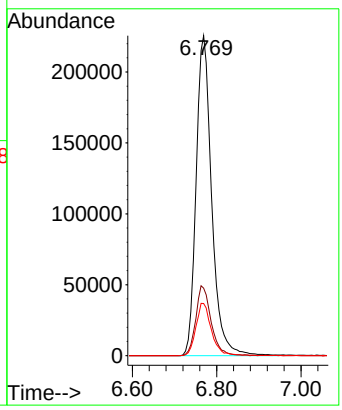


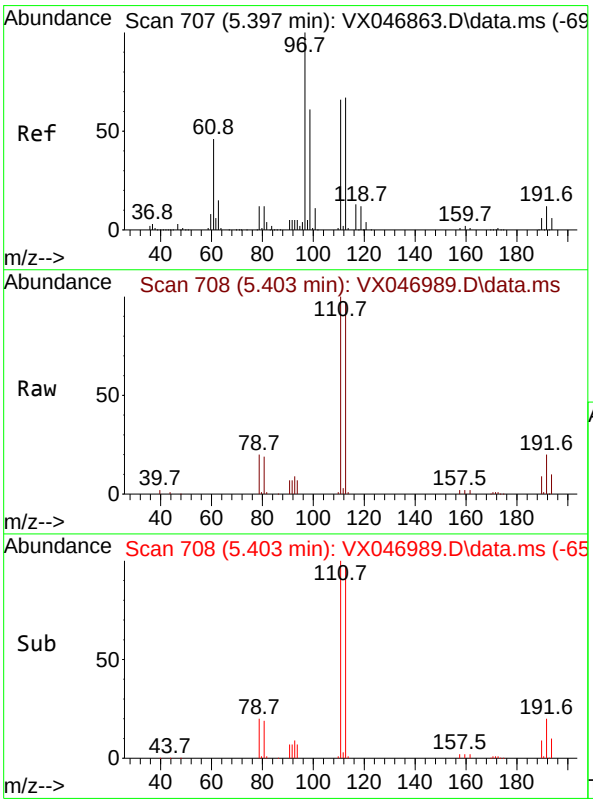
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion:114 Resp: 579223

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.4
88	16.3	0.0	31.0

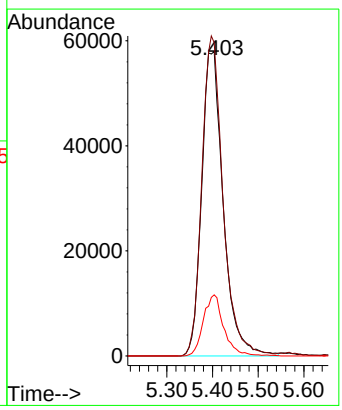


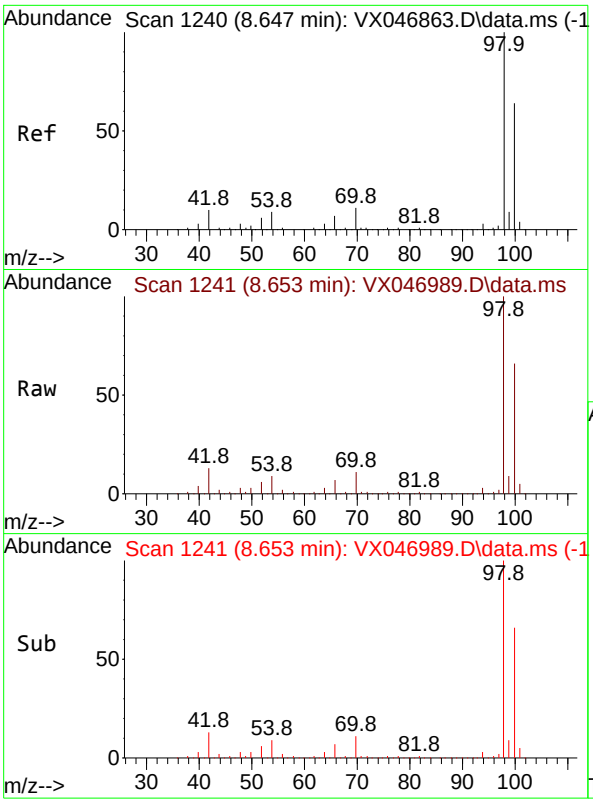


#35
Dibromofluoromethane
Concen: 48.502 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion:113 Resp: 190701

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.2	121.8
192	18.9	15.3	22.9



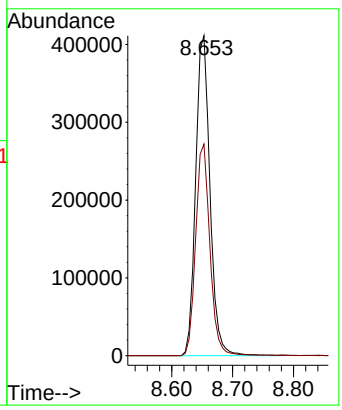


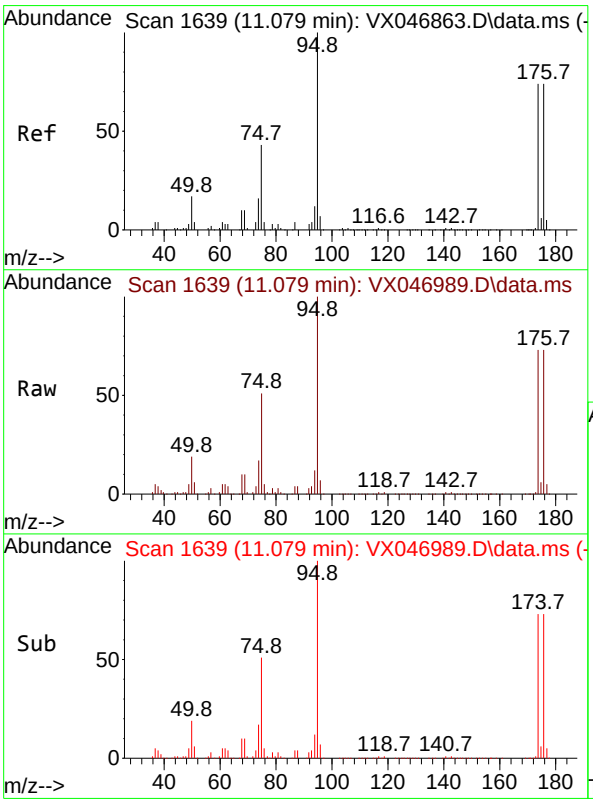
#50
Toluene-d8
Concen: 48.469 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion: 98 Resp: 672365

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6

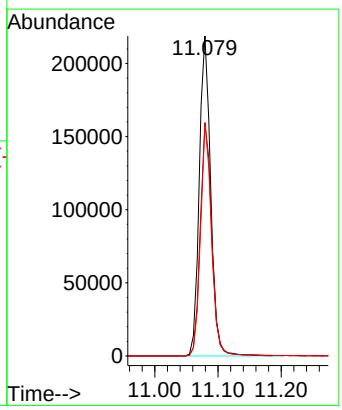


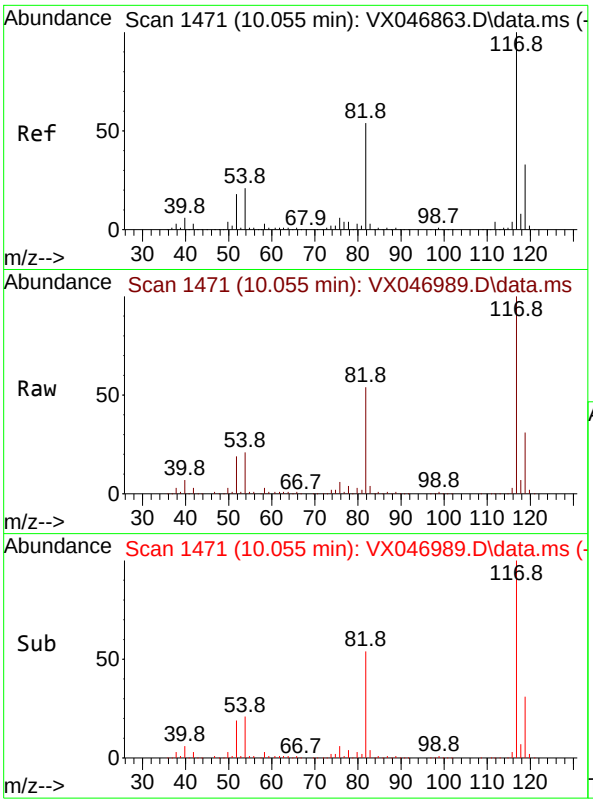


#62
4-Bromofluorobenzene
Concen: 52.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion: 95 Resp: 275251

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	152.0
176	70.0	0.0	145.2



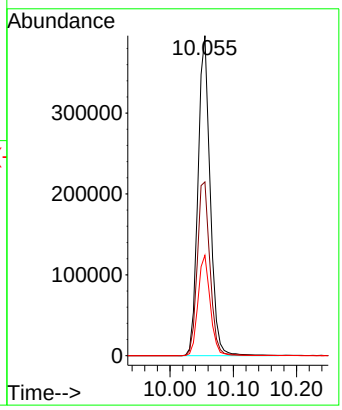


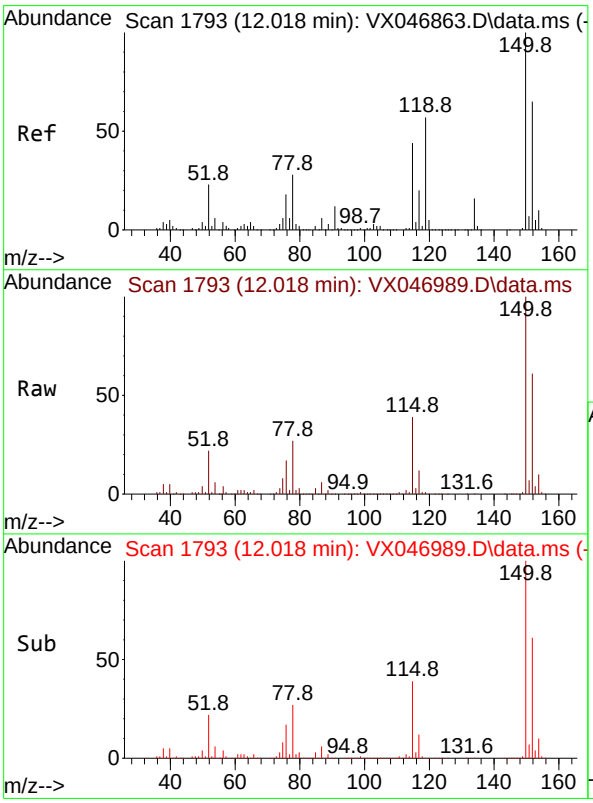
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion:117 Resp: 530422

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.3	64.9
119	31.4	26.4	39.6

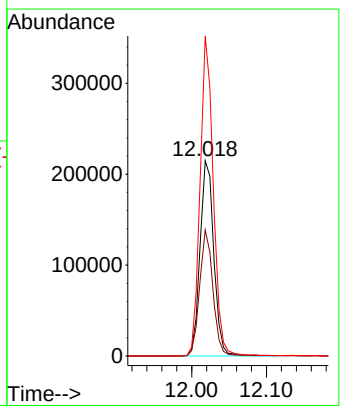




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion:152 Resp: 275487

Ion	Ratio	Lower	Upper
152	100		
115	62.1	42.4	127.1
150	156.5	0.0	349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046989.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	696	707	723	rBV2	194944	630896	34.97%	6.188%
2	5.562	724	734	757	rVB	333513	1034092	57.32%	10.143%
3	5.964	790	800	818	rBV	222994	640477	35.50%	6.282%
4	6.769	922	932	958	rBV	525420	1365657	75.70%	13.396%
5	8.653	1234	1241	1261	rBV	1088939	1803965	100.00%	17.695%
6	10.055	1465	1471	1484	rBV	1185356	1641981	91.02%	16.106%
7	11.079	1634	1639	1655	rBV	1037479	1298378	71.97%	12.736%
8	12.018	1788	1793	1805	rBV	1368985	1703901	94.45%	16.714%
9	12.335	1841	1845	1857	rVB2	14253	22657	1.26%	0.222%
10	13.719	2068	2072	2079	rBV2	39916	52673	2.92%	0.517%

Sum of corrected areas: 10194677

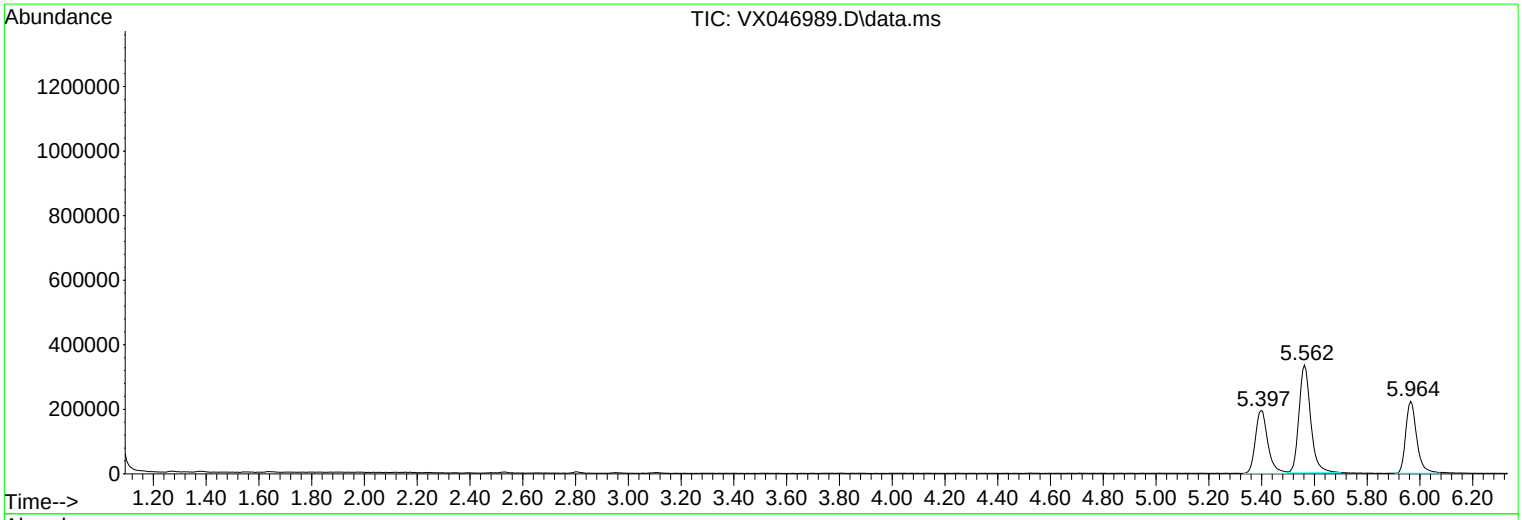
Sample Results: **VX046989.D**

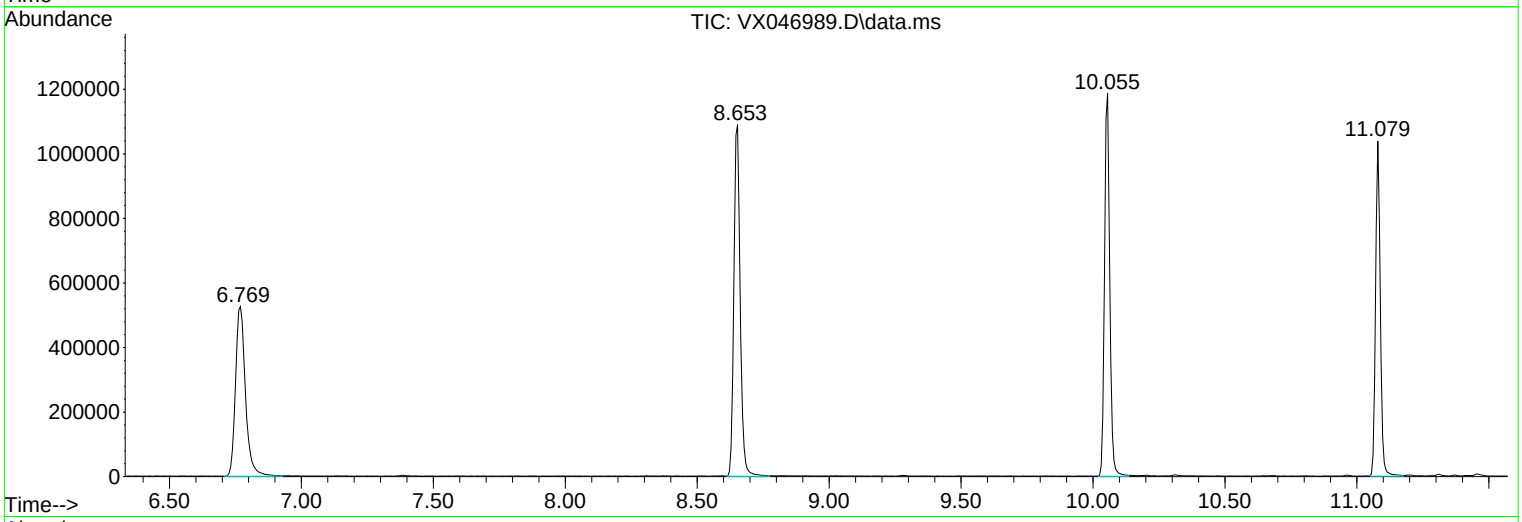
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

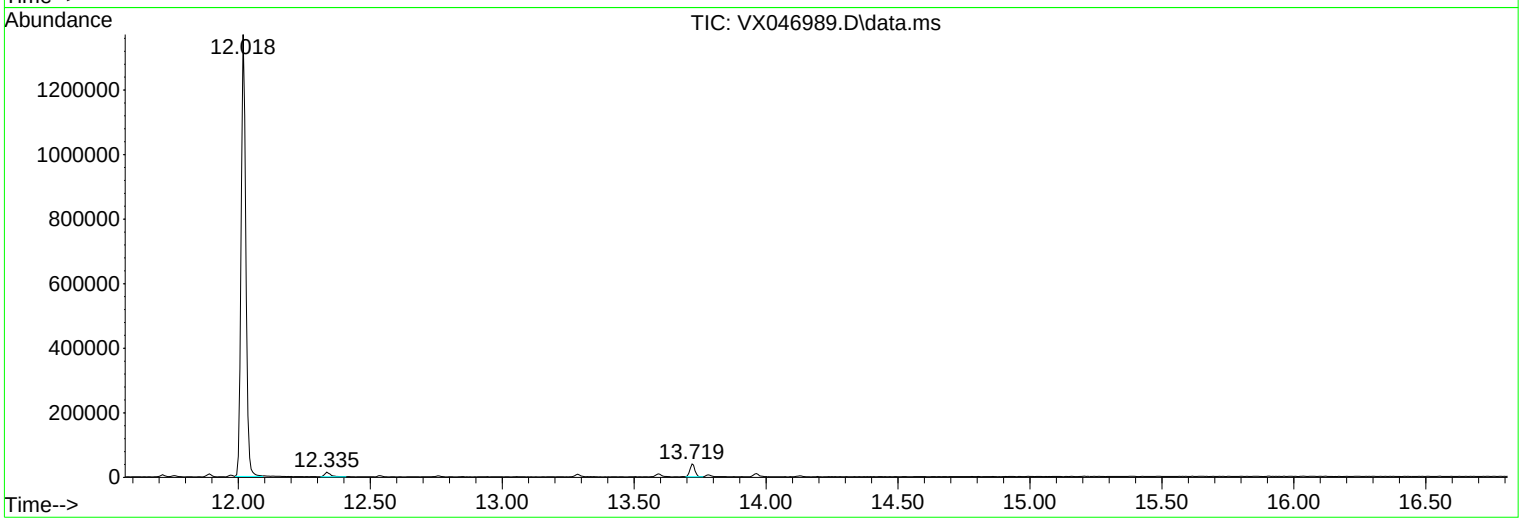
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	217952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	419177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	378051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168287	53.803	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 107.600%			
35) Dibromofluoromethane	7.898	113	135758	49.632	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.260%			
50) Toluene-d8	10.325	98	523647	51.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.880%			
62) 4-Bromofluorobenzene	12.617	95	195906	52.298	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	27886	18.787	ug/l	98
3) Chloromethane	2.259	50	35130	19.631	ug/l	98
4) Vinyl Chloride	2.405	62	48367	20.563	ug/l	96
5) Bromomethane	2.826	94	37087	20.187	ug/l	97
6) Chloroethane	2.978	64	32246	20.183	ug/l	99
7) Trichlorofluoromethane	3.308	101	35827	16.772	ug/l	89
8) Diethyl Ether	3.722	74	34493	21.250	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.112	101	46137	19.459	ug/l	98
10) Methyl Iodide	4.314	142	74062	20.262	ug/l	99
11) Tert butyl alcohol	5.222	59	17708	91.382	ug/l	98
12) 1,1-Dichloroethene	4.082	96	53161	20.470	ug/l	96
13) Acrolein	3.936	56	25657	73.666	ug/l	96
14) Allyl chloride	4.704	41	85131	21.365	ug/l	98
15) Acrylonitrile	5.405	53	79618	99.746	ug/l	98
16) Acetone	4.167	43	67311	87.065	ug/l	98
17) Carbon Disulfide	4.417	76	129954	18.700	ug/l	98
18) Methyl Acetate	4.704	43	41025	18.567	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	100300	22.754	ug/l	99
20) Methylene Chloride	4.954	84	82155	24.047	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	59787	21.666	ug/l	94
22) Diisopropyl ether	6.338	45	180883	23.276	ug/l	98
23) Vinyl Acetate	6.283	43	575226	108.368	ug/l	98
24) 1,1-Dichloroethane	6.246	63	111909	22.212	ug/l	98
25) 2-Butanone	7.197	43	96881	96.323	ug/l	98
26) 2,2-Dichloropropane	7.191	77	58709	19.972	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	70817	22.325	ug/l	100
28) Bromochloromethane	7.533	49	48752	21.927	ug/l	100
29) Tetrahydrofuran	7.557	42	67445	97.917	ug/l	99
30) Chloroform	7.691	83	121573	22.708	ug/l	93
31) Cyclohexane	7.971	56	87883	19.733	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	85467	20.716	ug/l	98
36) 1,1-Dichloropropene	8.093	75	80692	20.386	ug/l	99
37) Ethyl Acetate	7.276	43	48330	19.356	ug/l	99
38) Carbon Tetrachloride	8.087	117	72347	17.937	ug/l	96
39) Methylcyclohexane	9.343	83	90567	18.391	ug/l	100
40) Benzene	8.337	78	245256	20.943	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	25451	19.028	ug/l		92
42) 1,2-Dichloroethane	8.410	62	80807	20.422	ug/l		100
43) Isopropyl Acetate	8.435	43	81753	18.994	ug/l		97
44) Trichloroethene	9.099	130	59908	20.496	ug/l		99
45) 1,2-Dichloropropane	9.374	63	60430	21.351	ug/l		99
46) Dibromomethane	9.465	93	37053	20.278	ug/l		97
47) Bromodichloromethane	9.654	83	89016	20.775	ug/l		100
48) Methyl methacrylate	9.441	41	39807	18.809	ug/l		97
49) 1,4-Dioxane	9.465	88	7132	333.258	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.215	43	234264	94.673	ug/l		99
52) Toluene	10.392	92	160699	21.433	ug/l		96
53) t-1,3-Dichloropropene	10.611	75	82105	20.423	ug/l		95
54) cis-1,3-Dichloropropene	10.075	75	95843	21.030	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	49673	20.753	ug/l		95
56) Ethyl methacrylate	10.648	69	67972	20.932	ug/l		96
57) 1,3-Dichloropropane	10.934	76	87785	20.890	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	179746	100.524	ug/l		99
59) 2-Hexanone	10.971	43	160456	95.692	ug/l		99
60) Dibromochloromethane	11.129	129	57188	19.980	ug/l		97
61) 1,2-Dibromoethane	11.239	107	46829	19.544	ug/l		98
64) Tetrachloroethene	10.867	164	43730	17.684	ug/l		93
65) Chlorobenzene	11.654	112	169717	20.347	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.727	131	54487	20.499	ug/l		100
67) Ethyl Benzene	11.733	91	300085	20.747	ug/l		99
68) m/p-Xylenes	11.843	106	231057	41.556	ug/l		100
69) o-Xylene	12.166	106	109337	21.238	ug/l		99
70) Styrene	12.178	104	191458	21.513	ug/l		99
71) Bromoform	12.349	173	29021	18.302	ug/l	#	100
73) Isopropylbenzene	12.465	105	275112	21.030	ug/l		99
74) N-amyl acetate	12.269	43	74524	21.136	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	60325	20.771	ug/l		98
76) 1,2,3-Trichloropropane	12.769	75	46070m	20.729	ug/l		
77) Bromobenzene	12.745	156	64951	22.261	ug/l		88
78) n-propylbenzene	12.800	91	343558	21.932	ug/l		98
79) 2-Chlorotoluene	12.891	91	208461	22.099	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	246277	22.744	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.507	75	17902	18.762	ug/l		93
82) 4-Chlorotoluene	12.983	91	221618	22.378	ug/l		98
83) tert-Butylbenzene	13.202	119	198157	21.364	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	253100	23.069	ug/l		96
85) sec-Butylbenzene	13.379	105	300477	21.583	ug/l		100
86) p-Isopropyltoluene	13.495	119	259099	22.582	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	119680	20.454	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	129229	21.578	ug/l		95
89) n-Butylbenzene	13.818	91	240051	21.533	ug/l		99
90) Hexachloroethane	14.086	117	42673	20.615	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	115441	21.586	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	10337	18.229	ug/l		95
93) 1,2,4-Trichlorobenzene	15.123	180	68117	20.653	ug/l		98
94) Hexachlorobutadiene	15.226	225	30212	18.970	ug/l		90
95) Naphthalene	15.360	128	165126	20.421	ug/l		98
96) 1,2,3-Trichlorobenzene	15.549	180	62893	20.753	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

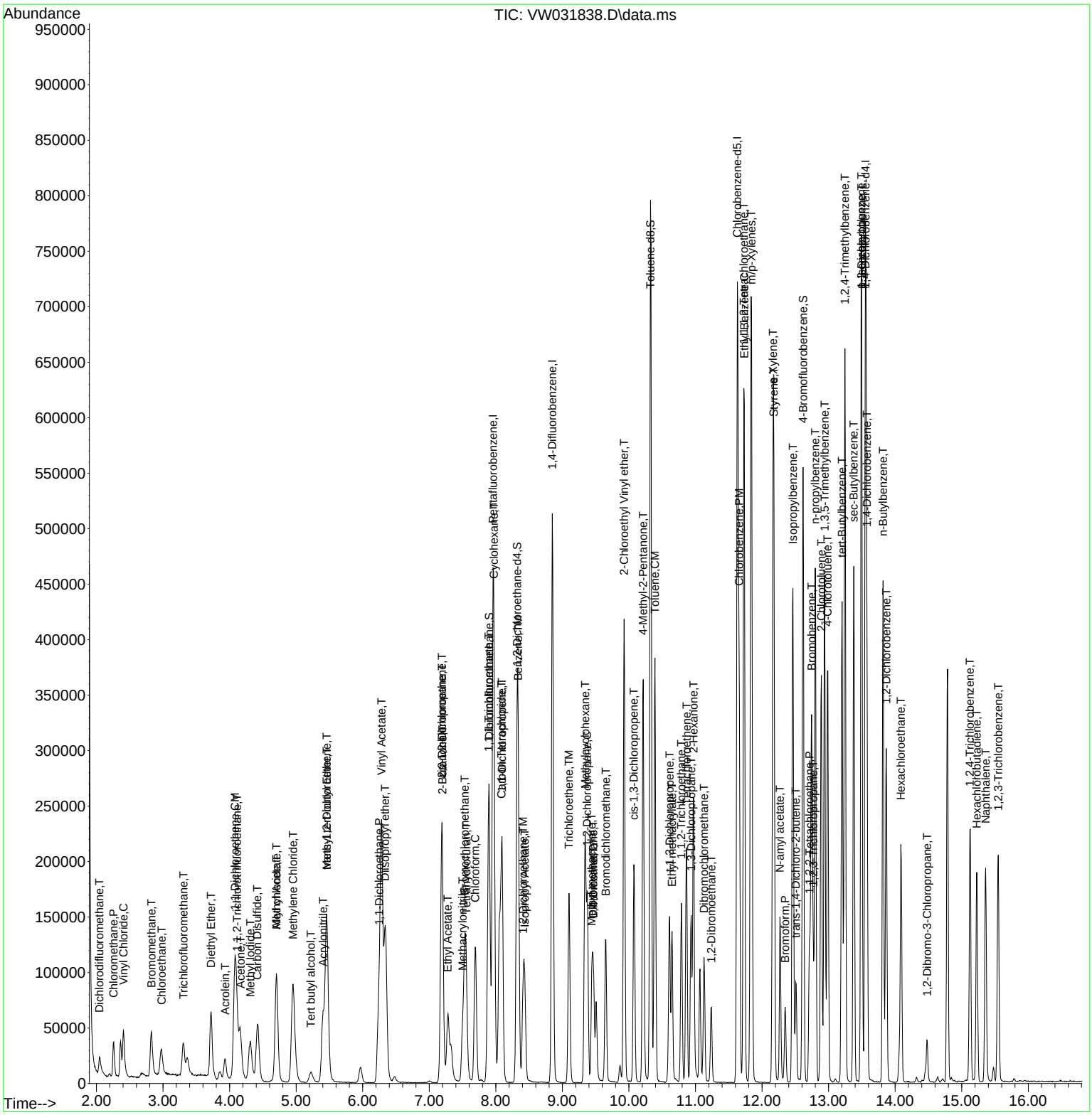
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	380935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	631809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	293826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250995	49.875	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.740%			
35) Dibromofluoromethane	5.397	113	210542	49.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	8.646	98	750632	49.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	291553	50.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	68036	18.675	ug/l	97
3) Chloromethane	1.306	50	75722	19.024	ug/l	98
4) Vinyl Chloride	1.386	62	80875	18.658	ug/l	97
5) Bromomethane	1.629	94	57067	20.491	ug/l	95
6) Chloroethane	1.709	64	51958	18.153	ug/l	97
7) Trichlorofluoromethane	1.910	101	125782	18.767	ug/l	100
8) Diethyl Ether	2.148	74	44233	18.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	80482	18.845	ug/l	99
10) Methyl Iodide	2.471	142	81435	17.503	ug/l	95
11) Tert butyl alcohol	2.952	59	29156	88.336	ug/l	99
12) 1,1-Dichloroethene	2.337	96	75156	18.194	ug/l	99
13) Acrolein	2.251	56	32484	90.891	ug/l	98
14) Allyl chloride	2.684	41	135287	18.396	ug/l	99
15) Acrylonitrile	3.074	53	177334	92.929	ug/l	99
16) Acetone	2.385	43	135535	86.703	ug/l	99
17) Carbon Disulfide	2.532	76	194647	17.968	ug/l	99
18) Methyl Acetate	2.715	43	79351	19.259	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	220287	18.885	ug/l	100
20) Methylene Chloride	2.806	84	85406	18.476	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	80998	19.163	ug/l	92
22) Diisopropyl ether	3.769	45	278055	19.570	ug/l	91
23) Vinyl Acetate	3.733	43	1002297	94.162	ug/l	100
24) 1,1-Dichloroethane	3.629	63	153606	18.957	ug/l	98
25) 2-Butanone	4.568	43	194141	93.086	ug/l	98
26) 2,2-Dichloropropane	4.495	77	109423	18.145	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	98001	18.990	ug/l	99
28) Bromochloromethane	4.909	49	63945	15.990	ug/l	99
29) Tetrahydrofuran	5.013	42	125617	94.485	ug/l	99
30) Chloroform	5.104	83	157900	19.074	ug/l	99
31) Cyclohexane	5.488	56	138302	19.226	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	130237	18.831	ug/l	99
36) 1,1-Dichloropropene	5.708	75	104793	18.110	ug/l	98
37) Ethyl Acetate	4.726	43	81519	16.541	ug/l	96
38) Carbon Tetrachloride	5.690	117	111817	18.278	ug/l	96
39) Methylcyclohexane	7.385	83	134672	18.606	ug/l	95
40) Benzene	6.049	78	331479	18.939	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	49384	18.784	ug/l		95
42) 1,2-Dichloroethane	6.092	62	110414	18.579	ug/l		99
43) Isopropyl Acetate	6.348	43	142626	18.894	ug/l		100
44) Trichloroethene	7.135	130	83932	18.422	ug/l		99
45) 1,2-Dichloropropane	7.433	63	82453	18.647	ug/l		100
46) Dibromomethane	7.586	93	56307	18.378	ug/l		97
47) Bromodichloromethane	7.823	83	122976	18.798	ug/l		97
48) Methyl methacrylate	7.695	41	72971	18.721	ug/l		99
49) 1,4-Dioxane	7.665	88	16908	374.371	ug/l	#	91
51) 4-Methyl-2-Pentanone	8.573	43	424297	95.238	ug/l		99
52) Toluene	8.720	92	207111	19.096	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	107683	18.444	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	123427	18.521	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	77121	19.091	ug/l		97
56) Ethyl methacrylate	9.116	69	105762	18.916	ug/l		99
57) 1,3-Dichloropropane	9.311	76	132209	19.007	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	274129	87.015	ug/l		100
59) 2-Hexanone	9.427	43	272293	92.144	ug/l		99
60) Dibromochloromethane	9.518	129	89907	18.597	ug/l		100
61) 1,2-Dibromoethane	9.610	107	75647	18.646	ug/l		100
64) Tetrachloroethene	9.274	164	70534	18.503	ug/l		95
65) Chlorobenzene	10.079	112	230093	18.588	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	77000	18.504	ug/l		98
67) Ethyl Benzene	10.195	91	400024	18.870	ug/l		98
68) m/p-Xylenes	10.299	106	303388	37.980	ug/l		99
69) o-Xylene	10.640	106	144569	18.736	ug/l		99
70) Styrene	10.652	104	255321	19.340	ug/l		100
71) Bromoform	10.799	173	56499	18.260	ug/l		100
73) Isopropylbenzene	10.963	105	384896	18.634	ug/l		100
74) N-amyl acetate	10.841	43	127048	18.101	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103145	18.161	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	80806m	17.799	ug/l		
77) Bromobenzene	11.195	156	93265	18.128	ug/l		98
78) n-propylbenzene	11.298	91	461151	18.516	ug/l		100
79) 2-Chlorotoluene	11.359	91	274010	18.632	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	314655	18.748	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28155	16.642	ug/l		96
82) 4-Chlorotoluene	11.451	91	317541	18.711	ug/l		98
83) tert-Butylbenzene	11.713	119	326204	18.819	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	318339	18.766	ug/l		96
85) sec-Butylbenzene	11.890	105	411978	18.850	ug/l		100
86) p-Isopropyltoluene	12.006	119	340932	18.628	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	177009	18.396	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	180023	17.977	ug/l		99
89) n-Butylbenzene	12.329	91	317598	18.468	ug/l		99
90) Hexachloroethane	12.536	117	56665	17.465	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	172751	18.527	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	17485	17.601	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	112828	17.812	ug/l		99
94) Hexachlorobutadiene	13.719	225	44266	18.530	ug/l		100
95) Naphthalene	13.774	128	308131	18.460	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	107332	17.933	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

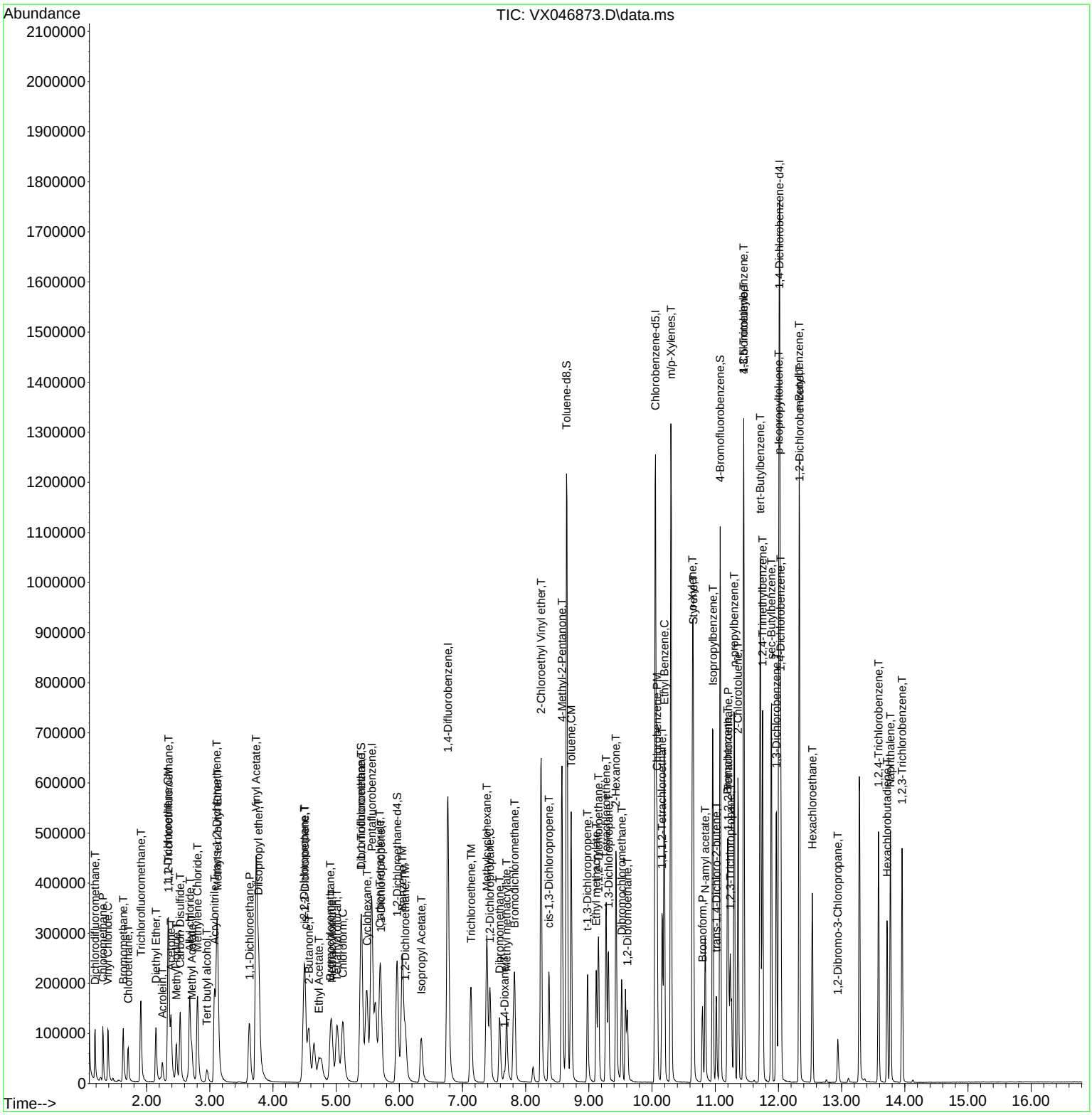
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	310444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	528338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	239011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221056	53.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.800%			
35) Dibromofluoromethane	5.397	113	180158	50.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.653	98	613762	48.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.020%			
62) 4-Bromofluorobenzene	11.079	95	247726	51.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	50624	17.051	ug/l	96
3) Chloromethane	1.307	50	55529	17.119	ug/l	100
4) Vinyl Chloride	1.386	62	62621	17.728	ug/l	95
5) Bromomethane	1.624	94	41941	18.479	ug/l	98
6) Chloroethane	1.703	64	43972	18.852	ug/l	96
7) Trichlorofluoromethane	1.904	101	103643	18.976	ug/l	92
8) Diethyl Ether	2.148	74	38968	20.048	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	65726	18.885	ug/l	98
10) Methyl Iodide	2.471	142	52612	13.876	ug/l	100
11) Tert butyl alcohol	2.965	59	46075	171.294	ug/l	100
12) 1,1-Dichloroethene	2.337	96	62880	18.679	ug/l	98
13) Acrolein	2.251	56	23837	82.123	ug/l	97
14) Allyl chloride	2.678	41	121840	20.329	ug/l	98
15) Acrylonitrile	3.074	53	195273	125.565	ug/l	99
16) Acetone	2.392	43	158267	124.234	ug/l	95
17) Carbon Disulfide	2.532	76	131949	14.946	ug/l	97
18) Methyl Acetate	2.715	43	105599	31.449	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	226641	23.841	ug/l	99
20) Methylene Chloride	2.806	84	76230	20.236	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	66391	19.274	ug/l	96
22) Diisopropyl ether	3.769	45	259676	22.427	ug/l #	84
23) Vinyl Acetate	3.733	43	994586	114.654	ug/l	99
24) 1,1-Dichloroethane	3.623	63	133612	20.233	ug/l	98
25) 2-Butanone	4.568	43	237692	139.846	ug/l	97
26) 2,2-Dichloropropane	4.489	77	86252	17.550	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	85137	20.243	ug/l	100
28) Bromochloromethane	4.916	49	70239	21.552	ug/l	97
29) Tetrahydrofuran	5.019	42	152661	140.899	ug/l	99
30) Chloroform	5.111	83	140047	20.759	ug/l	96
31) Cyclohexane	5.483	56	109369	18.656	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	117504	20.847	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90374	18.677	ug/l	99
37) Ethyl Acetate	4.727	43	94504	22.931	ug/l	98
38) Carbon Tetrachloride	5.690	117	97550	19.069	ug/l	98
39) Methylcyclohexane	7.385	83	100843	16.660	ug/l	95
40) Benzene	6.043	78	279584	19.103	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	54774	24.914	ug/l		98
42) 1,2-Dichloroethane	6.098	62	104810	21.089	ug/l		97
43) Isopropyl Acetate	6.348	43	162099	25.679	ug/l		99
44) Trichloroethene	7.135	130	68457	17.968	ug/l		93
45) 1,2-Dichloropropane	7.433	63	73300	19.823	ug/l		92
46) Dibromomethane	7.586	93	53191	20.761	ug/l		98
47) Bromodichloromethane	7.824	83	111412	20.366	ug/l		97
48) Methyl methacrylate	7.696	41	83091	25.492	ug/l		96
49) 1,4-Dioxane	7.665	88	21863	578.886	ug/l		95
51) 4-Methyl-2-Pentanone	8.573	43	516323	138.592	ug/l		99
52) Toluene	8.720	92	179542	19.797	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	97384	19.947	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	109998	19.739	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	72450	21.447	ug/l		96
56) Ethyl methacrylate	9.116	69	112348	24.029	ug/l		98
57) 1,3-Dichloropropane	9.311	76	123372	21.210	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	264524	100.410	ug/l		99
59) 2-Hexanone	9.433	43	357652	144.733	ug/l		98
60) Dibromochloromethane	9.518	129	81124	20.067	ug/l		100
61) 1,2-Dibromoethane	9.610	107	71104	20.958	ug/l		96
64) Tetrachloroethene	9.275	164	56757	18.097	ug/l		93
65) Chlorobenzene	10.079	112	199501	19.589	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69339	20.253	ug/l		99
67) Ethyl Benzene	10.195	91	346071	19.843	ug/l		100
68) m/p-Xylenes	10.299	106	258759	39.373	ug/l		97
69) o-Xylene	10.640	106	126247	19.887	ug/l		98
70) Styrene	10.652	104	221785	20.420	ug/l		98
71) Bromoform	10.799	173	53510	21.021	ug/l	#	98
73) Isopropylbenzene	10.963	105	338957	20.174	ug/l		100
74) N-amyl acetate	10.841	43	145837	25.543	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108923	23.576	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	85192m	23.068	ug/l		
77) Bromobenzene	11.195	156	82862	19.799	ug/l		96
78) n-propylbenzene	11.305	91	403359	19.910	ug/l		99
79) 2-Chlorotoluene	11.366	91	243601	20.364	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	280552	20.550	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28681	20.841	ug/l		93
82) 4-Chlorotoluene	11.451	91	284304	20.595	ug/l		100
83) tert-Butylbenzene	11.713	119	285636	20.257	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	283980	20.580	ug/l		95
85) sec-Butylbenzene	11.890	105	357652	20.118	ug/l		99
86) p-Isopropyltoluene	12.006	119	291042	19.549	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	156922	20.049	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	156512	19.214	ug/l		98
89) n-Butylbenzene	12.329	91	267548	19.126	ug/l		99
90) Hexachloroethane	12.536	117	49305	18.682	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	150962	19.903	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20644	25.547	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	100068	19.420	ug/l		99
94) Hexachlorobutadiene	13.719	225	34692	17.853	ug/l		99
95) Naphthalene	13.774	128	318027	23.422	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	96852	19.893	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

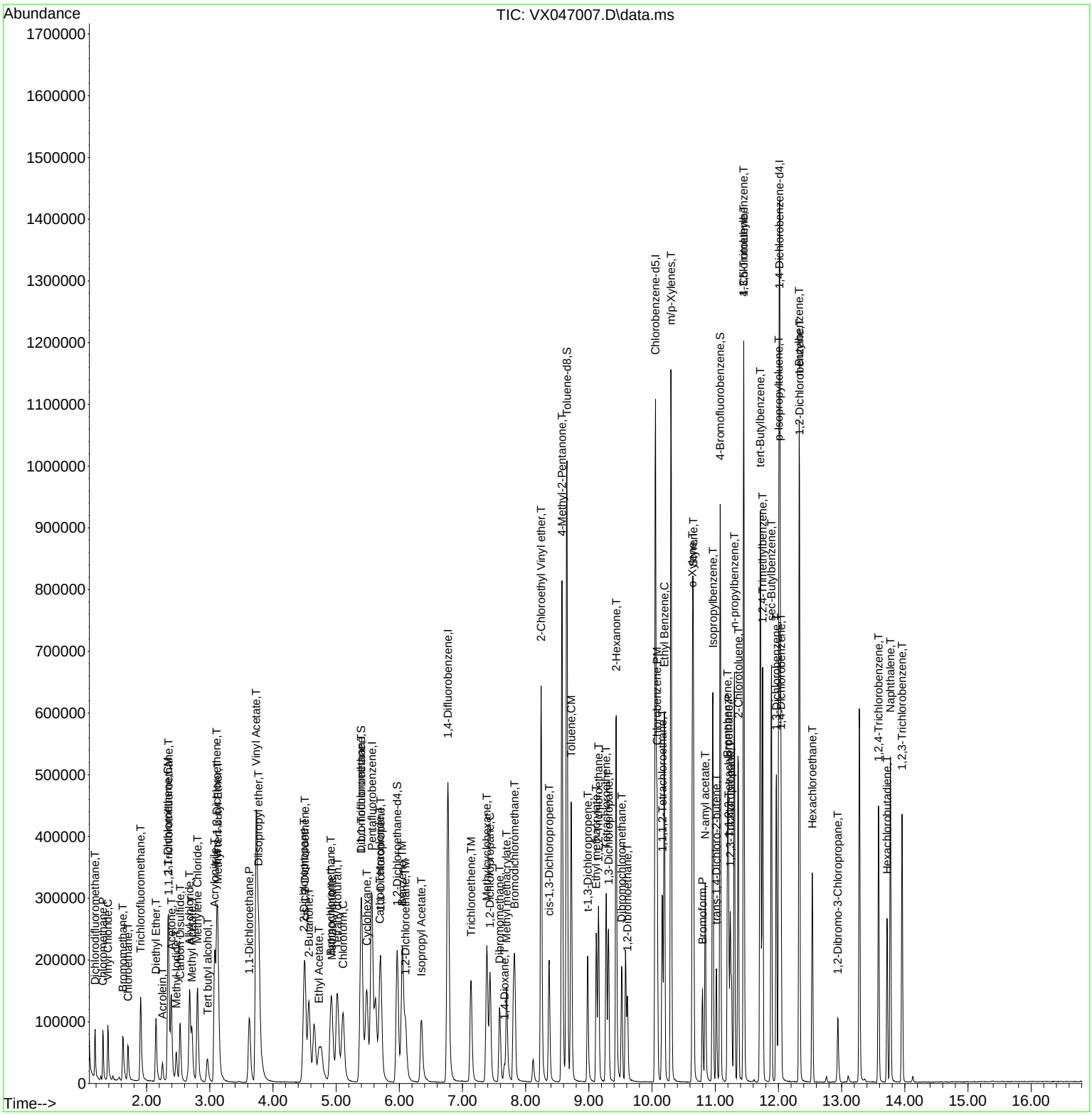
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Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	213196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	419599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	383633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168874	55.195	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 110.380%			
35) Dibromofluoromethane	7.904	113	141487	51.674	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.340%			
50) Toluene-d8	10.325	98	514621	50.505	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.617	95	202927	54.118	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	24609	16.949	ug/l	99
3) Chloromethane	2.259	50	34502	19.710	ug/l	98
4) Vinyl Chloride	2.411	62	45927	19.962	ug/l	95
5) Bromomethane	2.826	94	36697	20.420	ug/l	95
6) Chloroethane	2.972	64	31465	20.133	ug/l	95
7) Trichlorofluoromethane	3.308	101	40411	19.340	ug/l	94
8) Diethyl Ether	3.722	74	35543	22.386	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	45420	19.584	ug/l	97
10) Methyl Iodide	4.314	142	71247	19.927	ug/l	99
11) Tert butyl alcohol	5.234	59	20449	107.881	ug/l	98
12) 1,1-Dichloroethene	4.082	96	50821	20.005	ug/l	92
13) Acrolein	3.936	56	25636	75.248	ug/l	95
14) Allyl chloride	4.704	41	81670	20.953	ug/l	98
15) Acrylonitrile	5.405	53	84019	107.608	ug/l	99
16) Acetone	4.167	43	75082	99.283	ug/l	94
17) Carbon Disulfide	4.429	76	125753	18.499	ug/l	98
18) Methyl Acetate	4.710	43	45134	20.883	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	98454	22.834	ug/l	99
20) Methylene Chloride	4.960	84	81509	24.463	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	57078	21.146	ug/l	98
22) Diisopropyl ether	6.344	45	179249	23.580	ug/l	98
23) Vinyl Acetate	6.289	43	593190	114.245	ug/l	97
24) 1,1-Dichloroethane	6.252	63	109046	22.126	ug/l	99
25) 2-Butanone	7.197	43	109501	111.299	ug/l	99
26) 2,2-Dichloropropane	7.185	77	57198	19.892	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	69492	22.396	ug/l	98
28) Bromochloromethane	7.532	49	49771	22.885	ug/l	99
29) Tetrahydrofuran	7.557	42	74733	110.918	ug/l	99
30) Chloroform	7.697	83	117943	22.522	ug/l	99
31) Cyclohexane	7.971	56	86315	19.813	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	83140	20.601	ug/l	99
36) 1,1-Dichloropropene	8.099	75	76947	19.421	ug/l	99
37) Ethyl Acetate	7.276	43	50983	20.398	ug/l	100
38) Carbon Tetrachloride	8.081	117	74893	18.549	ug/l	99
39) Methylcyclohexane	9.343	83	89385	18.133	ug/l	94
40) Benzene	8.337	78	244539	20.861	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	27875	20.819	ug/l		98
42) 1,2-Dichloroethane	8.410	62	81454	20.565	ug/l		98
43) Isopropyl Acetate	8.441	43	87779	20.374	ug/l		98
44) Trichloroethene	9.099	130	57013	19.486	ug/l		95
45) 1,2-Dichloropropane	9.380	63	57958	20.457	ug/l		100
46) Dibromomethane	9.465	93	37747	20.637	ug/l		97
47) Bromodichloromethane	9.654	83	89141	20.783	ug/l		99
48) Methyl methacrylate	9.447	41	43023	20.309	ug/l		97
49) 1,4-Dioxane	9.465	88	9243	431.465	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.215	43	256818	103.684	ug/l		100
52) Toluene	10.392	92	158007	21.053	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	84553	21.011	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	95766	20.992	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	50275	20.983	ug/l		97
56) Ethyl methacrylate	10.648	69	71692	22.056	ug/l		98
57) 1,3-Dichloropropane	10.934	76	90014	21.398	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	193414	108.059	ug/l		98
59) 2-Hexanone	10.971	43	180082	107.289	ug/l		99
60) Dibromochloromethane	11.129	129	55936	19.523	ug/l		93
61) 1,2-Dibromoethane	11.239	107	49994	20.843	ug/l		98
64) Tetrachloroethene	10.861	164	43464	17.320	ug/l		92
65) Chlorobenzene	11.654	112	166946	19.724	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.733	131	54305	20.133	ug/l		97
67) Ethyl Benzene	11.727	91	300048	20.443	ug/l		96
68) m/p-Xylenes	11.837	106	224555	39.799	ug/l		99
69) o-Xylene	12.166	106	107272	20.534	ug/l		99
70) Styrene	12.178	104	183895	20.362	ug/l		98
71) Bromoform	12.349	173	30684	19.069	ug/l	#	98
73) Isopropylbenzene	12.465	105	280880	20.443	ug/l		98
74) N-amyl acetate	12.269	43	81575	22.027	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	63391	20.781	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	48982m	20.984	ug/l		
77) Bromobenzene	12.745	156	61500	20.069	ug/l		94
78) n-propylbenzene	12.800	91	337459	20.510	ug/l		99
79) 2-Chlorotoluene	12.891	91	209747	21.170	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	238168	20.941	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	18854	18.813	ug/l		92
82) 4-Chlorotoluene	12.989	91	218429	20.999	ug/l		100
83) tert-Butylbenzene	13.202	119	194261	19.940	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	241588	20.965	ug/l		99
85) sec-Butylbenzene	13.379	105	293323	20.059	ug/l		99
86) p-Isopropyltoluene	13.495	119	247144	20.508	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	124859	20.317	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	126920	20.177	ug/l		94
89) n-Butylbenzene	13.818	91	234809	20.054	ug/l		98
90) Hexachloroethane	14.092	117	41932	19.287	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	116784	20.791	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11462	19.244	ug/l		95
93) 1,2,4-Trichlorobenzene	15.129	180	68535	19.784	ug/l		95
94) Hexachlorobutadiene	15.226	225	28897	17.275	ug/l		95
95) Naphthalene	15.360	128	167105	19.676	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	61227	19.235	ug/l		91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

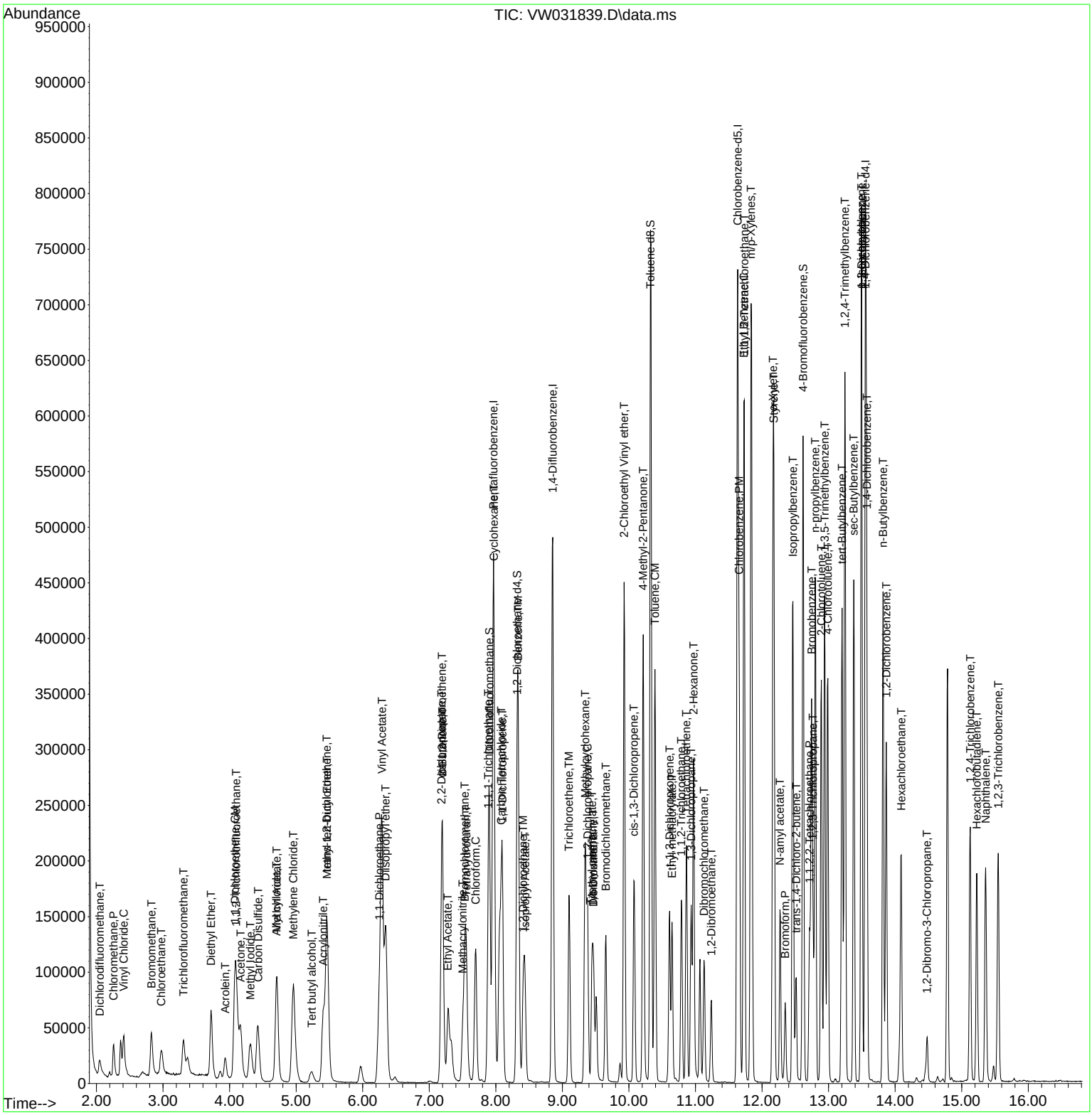
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Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	339915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	517645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	269874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	230519	51.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.391	113	191861	49.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.500%			
50) Toluene-d8	8.647	98	671040	49.321	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	264089	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	62729	19.296	ug/l	98
3) Chloromethane	1.307	50	69050	19.441	ug/l	98
4) Vinyl Chloride	1.386	62	73973	19.126	ug/l	97
5) Bromomethane	1.630	94	51002	20.523	ug/l	97
6) Chloroethane	1.703	64	48021	18.803	ug/l	94
7) Trichlorofluoromethane	1.904	101	116515	19.483	ug/l	98
8) Diethyl Ether	2.142	74	43182	20.290	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	74499	19.550	ug/l	99
10) Methyl Iodide	2.471	142	82580	19.891	ug/l	99
11) Tert butyl alcohol	2.947	59	28802	97.794	ug/l	99
12) 1,1-Dichloroethene	2.337	96	70748	19.194	ug/l	99
13) Acrolein	2.246	56	31524	98.601	ug/l	97
14) Allyl chloride	2.678	41	127246	19.390	ug/l	99
15) Acrylonitrile	3.069	53	169062	99.285	ug/l	99
16) Acetone	2.386	43	126884	90.964	ug/l	100
17) Carbon Disulfide	2.526	76	178758	18.493	ug/l	100
18) Methyl Acetate	2.715	43	75310	20.484	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	213289	20.491	ug/l	99
20) Methylene Chloride	2.800	84	81945	19.867	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	75072	19.904	ug/l	99
22) Diisopropyl ether	3.764	45	265963	20.978	ug/l #	83
23) Vinyl Acetate	3.727	43	972517	102.390	ug/l	99
24) 1,1-Dichloroethane	3.623	63	142037	19.644	ug/l	99
25) 2-Butanone	4.556	43	183656	98.685	ug/l	99
26) 2,2-Dichloropropane	4.483	77	100620	18.699	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	91771	19.929	ug/l	100
28) Bromochloromethane	4.904	49	62290	17.456	ug/l	97
29) Tetrahydrofuran	5.007	42	121593	102.495	ug/l	99
30) Chloroform	5.105	83	148570	20.113	ug/l	94
31) Cyclohexane	5.483	56	128775	20.062	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	120018	19.447	ug/l	97
36) 1,1-Dichloropropene	5.702	75	100414	19.300	ug/l	99
37) Ethyl Acetate	4.721	43	80747	18.222	ug/l	99
38) Carbon Tetrachloride	5.684	117	107033	19.458	ug/l	99
39) Methylcyclohexane	7.385	83	125862	19.339	ug/l	98
40) Benzene	6.044	78	311436	19.790	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	46583	19.706	ug/l		97
42) 1,2-Dichloroethane	6.092	62	108647	20.332	ug/l		99
43) Isopropyl Acetate	6.342	43	135993	20.036	ug/l		99
44) Trichloroethene	7.129	130	77478	18.913	ug/l		85
45) 1,2-Dichloropropane	7.434	63	79235	19.929	ug/l		95
46) Dibromomethane	7.586	93	54568	19.808	ug/l		99
47) Bromodichloromethane	7.824	83	117624	19.997	ug/l		98
48) Methyl methacrylate	7.696	41	70912	20.233	ug/l		97
49) 1,4-Dioxane	7.659	88	16565	407.913	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	407426	101.708	ug/l		100
52) Toluene	8.714	92	195560	20.054	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	103725	19.759	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	121606	20.295	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	75284	20.726	ug/l		98
56) Ethyl methacrylate	9.116	69	102805	20.449	ug/l		100
57) 1,3-Dichloropropane	9.305	76	127139	20.328	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	267457	94.419	ug/l		100
59) 2-Hexanone	9.427	43	273252	102.840	ug/l		99
60) Dibromochloromethane	9.519	129	87002	20.015	ug/l		100
61) 1,2-Dibromoethane	9.610	107	73148	20.052	ug/l		99
64) Tetrachloroethene	9.269	164	66459	19.283	ug/l		95
65) Chlorobenzene	10.080	112	216580	19.352	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	73712	19.593	ug/l		99
67) Ethyl Benzene	10.189	91	377341	19.688	ug/l		100
68) m/p-Xylenes	10.299	106	287999	39.877	ug/l		99
69) o-Xylene	10.640	106	137563	19.719	ug/l		99
70) Styrene	10.653	104	240484	20.148	ug/l		99
71) Bromoform	10.799	173	54017	19.310	ug/l	#	98
73) Isopropylbenzene	10.957	105	363745	19.173	ug/l		99
74) N-amyl acetate	10.842	43	120882	18.751	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101199	19.399	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81097m	19.448	ug/l		
77) Bromobenzene	11.195	156	90550	19.162	ug/l		99
78) n-propylbenzene	11.299	91	434180	18.980	ug/l		100
79) 2-Chlorotoluene	11.360	91	259147	19.186	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	300217	19.476	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27189	17.497	ug/l		96
82) 4-Chlorotoluene	11.451	91	300371	19.270	ug/l		99
83) tert-Butylbenzene	11.713	119	310012	19.472	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	303925	19.506	ug/l		99
85) sec-Butylbenzene	11.884	105	388639	19.361	ug/l		100
86) p-Isopropyltoluene	12.006	119	325932	19.389	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	171703	19.428	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	173114	18.821	ug/l		99
89) n-Butylbenzene	12.329	91	300821	19.045	ug/l		100
90) Hexachloroethane	12.536	117	55235	18.535	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	167127	19.514	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17286	18.945	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	106589	18.320	ug/l		98
94) Hexachlorobutadiene	13.719	225	41848	19.072	ug/l		99
95) Naphthalene	13.774	128	298705	19.483	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	106976	19.459	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

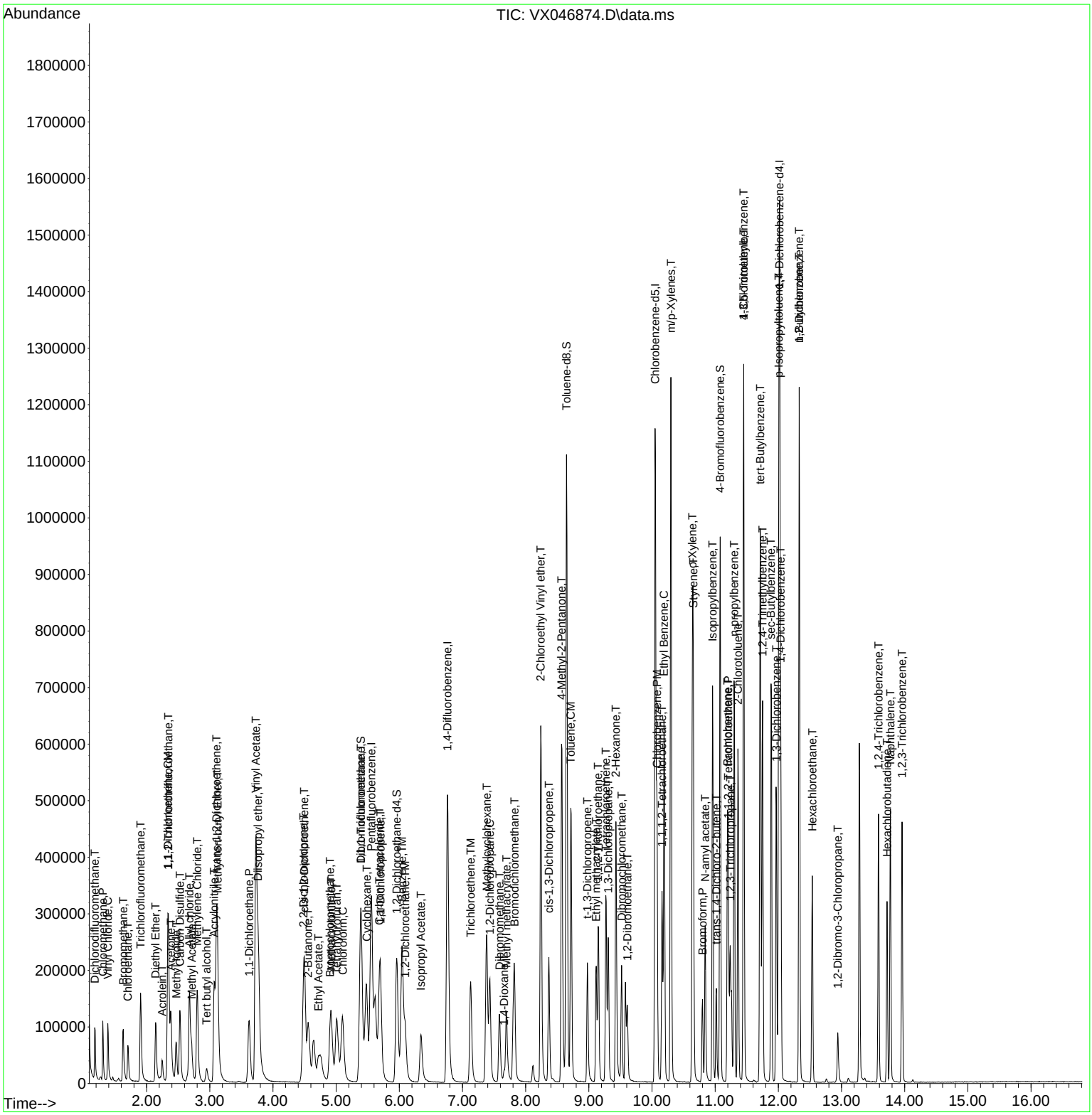
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW031729.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Acetone	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Ethyl Acetate	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICCC050	VW031732.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:38 PM	SAM	7/1/2025 12:24:15 PM	Peak Integrated by Software
VSTDICC100	VW031733.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:40 PM	SAM	7/1/2025 12:24:18 PM	Peak Integrated by Software
VSTDICC150	VW031734.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:41 PM	SAM	7/1/2025 12:24:20 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VW031736.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:42 PM	SAM	7/1/2025 12:24:21 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VW071425	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW031836.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:16 PM	MMDadoda	7/16/2025 1:42:29 PM	Peak Integrated by Software
VW0714SBS01	VW031838.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:21 PM	MMDadoda	7/16/2025 1:42:30 PM	Peak Integrated by Software
VW0714SBSD01	VW031839.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:26 PM	MMDadoda	7/16/2025 1:42:36 PM	Peak Integrated by Software
Q2503-03	VW031840.D	n-Butylbenzene	SAM	7/15/2025 3:29:32 PM	MMDadoda	7/16/2025 1:42:38 PM	Peak Integrated by Software
Q2503-04	VW031841.D	n-Butylbenzene	SAM	7/15/2025 3:29:36 PM	MMDadoda	7/16/2025 1:42:40 PM	Peak Integrated by Software
Q2503-04	VW031841.D	sec-Butylbenzene	SAM	7/15/2025 3:29:36 PM	MMDadoda	7/16/2025 1:42:40 PM	Peak Integrated by Software
VSTDCCC050	VW031853.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:48 PM	MMDadoda	7/16/2025 1:42:44 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX046860.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dichlorobenzene	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dioxane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	2-Butanone	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Acrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Carbon Tetrachloride	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Ethyl Acetate	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Methacrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC005	VX046861.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:57 AM	MMDadoda	7/3/2025 3:09:44 PM	Peak Integrated by Software
VSTDICC020	VX046862.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:01 AM	MMDadoda	7/3/2025 3:09:46 PM	Peak Integrated by Software
VSTDICCC050	VX046863.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:05 AM	MMDadoda	7/3/2025 3:09:47 PM	Peak Integrated by Software
VSTDICC100	VX046864.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:09 AM	MMDadoda	7/3/2025 3:09:49 PM	Peak Integrated by Software
VSTDICC150	VX046865.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:13 AM	MMDadoda	7/3/2025 3:09:51 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX046867.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:17 AM	MMDadoda	7/3/2025 3:09:53 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046869.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:13:58 AM	MMDadoda	7/7/2025 2:13:37 PM	Peak Integrated by Software
VX0703WBS01	VX046873.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:03 AM	MMDadoda	7/7/2025 2:13:38 PM	Peak Integrated by Software
VX0703WBSD01	VX046874.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:10 AM	MMDadoda	7/7/2025 2:13:40 PM	Peak Integrated by Software
VSTDCCC050	VX046890.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:17:02 AM	MMDadoda	7/7/2025 2:13:47 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX071525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046988.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:45:14 AM	MMDadoda	7/16/2025 1:43:58 PM	Peak Integrated by Software
VX0715MBS01	VX047007.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:45:55 AM	MMDadoda	7/16/2025 1:44:32 PM	Peak Integrated by Software
VSTDCCC050	VX047014.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:46:31 AM	MMDadoda	7/16/2025 1:44:41 PM	Peak Integrated by Software

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM				
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031728.D	30 Jun 2025 08:56	SY/MD	Ok
2	VSTDICC005	VW031729.D	30 Jun 2025 09:54	SY/MD	Ok,M
3	VSTDICC010	VW031730.D	30 Jun 2025 10:15	SY/MD	Ok,M
4	VSTDICC020	VW031731.D	30 Jun 2025 10:58	SY/MD	Ok,M
5	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	SY/MD	Ok,M
6	VSTDICC100	VW031733.D	30 Jun 2025 12:34	SY/MD	Ok,M
7	VSTDICC150	VW031734.D	30 Jun 2025 12:55	SY/MD	Ok,M
8	VIBLK	VW031735.D	30 Jun 2025 14:11	SY/MD	Ok
9	VSTDICV050	VW031736.D	30 Jun 2025 15:23	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071425

Review By	Semsettin Yesilyurt	Review On	7/15/2025 3:30:06 PM				
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:42:51 PM				
SubDirectory	VW071425	HP Acquire Method	MSVOA_W		HP Processing Method	82w063025s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP134754
Initial Calibration Stds	
CCC	VP134755,VP134756
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031835.D	14 Jul 2025 08:45	SY/MD	Ok
2	VSTDCCC050	VW031836.D	14 Jul 2025 09:17	SY/MD	Ok,M
3	VW0714SBL01	VW031837.D	14 Jul 2025 09:46	SY/MD	Ok
4	VW0714SBS01	VW031838.D	14 Jul 2025 10:14	SY/MD	Ok,M
5	VW0714SBSD01	VW031839.D	14 Jul 2025 10:36	SY/MD	Ok,M
6	Q2503-03	VW031840.D	14 Jul 2025 11:16	SY/MD	Dilution
7	Q2503-04	VW031841.D	14 Jul 2025 11:38	SY/MD	Dilution
8	Q2503-03	VW031842.D	14 Jul 2025 12:00	SY/MD	Not Ok
9	Q2503-04	VW031843.D	14 Jul 2025 12:22	SY/MD	Not Ok
10	Q2560-03	VW031844.D	14 Jul 2025 12:45	SY/MD	Ok
11	Q2592-01	VW031845.D	14 Jul 2025 13:07	SY/MD	Ok
12	Q2590-01	VW031846.D	14 Jul 2025 13:29	SY/MD	Ok
13	Q2586-03	VW031847.D	14 Jul 2025 13:51	SY/MD	Ok
14	Q2589-01	VW031848.D	14 Jul 2025 14:13	SY/MD	Ok
15	Q2559-01	VW031849.D	14 Jul 2025 14:36	SY/MD	ReRun
16	Q2597-01	VW031850.D	14 Jul 2025 15:30	SY/MD	Ok
17	Q2598-01	VW031851.D	14 Jul 2025 15:52	SY/MD	Ok
18	VIBLK	VW031852.D	14 Jul 2025 16:14	SY/MD	Ok
19	VSTDCCC050	VW031853.D	14 Jul 2025 16:37	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046859.D	02 Jul 2025 11:12	JC/MD	Ok
2	VSTDICC001	VX046860.D	02 Jul 2025 12:11	JC/MD	Ok,M
3	VSTDICC005	VX046861.D	02 Jul 2025 12:37	JC/MD	Ok,M
4	VSTDICC020	VX046862.D	02 Jul 2025 13:18	JC/MD	Ok,M
5	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	JC/MD	Ok,M
6	VSTDICC100	VX046864.D	02 Jul 2025 14:10	JC/MD	Ok,M
7	VSTDICC150	VX046865.D	02 Jul 2025 14:31	JC/MD	Ok,M
8	VIBLK	VX046866.D	02 Jul 2025 14:53	JC/MD	Ok
9	VSTDICV050	VX046867.D	02 Jul 2025 15:14	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046868.D	03 Jul 2025 07:52	JC/MD	Ok
2	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	JC/MD	Ok,M
3	VX0703MBL01	VX046870.D	03 Jul 2025 08:42	JC/MD	Ok
4	VX0703WBL01	VX046871.D	03 Jul 2025 09:09	JC/MD	Ok
5	Q2458-10	VX046872.D	03 Jul 2025 09:35	JC/MD	Ok
6	VX0703WBS01	VX046873.D	03 Jul 2025 09:56	JC/MD	Ok,M
7	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23	JC/MD	Ok,M
8	Q2455-01	VX046875.D	03 Jul 2025 10:44	JC/MD	Ok,M
9	Q2455-03	VX046876.D	03 Jul 2025 11:04	JC/MD	Ok,M
10	Q2455-02	VX046877.D	03 Jul 2025 11:25	JC/MD	Ok
11	Q2455-04	VX046878.D	03 Jul 2025 11:46	JC/MD	Ok
12	Q2447-07ME	VX046879.D	03 Jul 2025 12:07	JC/MD	Ok
13	VX0703MBS01	VX046880.D	03 Jul 2025 12:27	JC/MD	Ok,M
14	IBLK	VX046881.D	03 Jul 2025 12:53	JC/MD	Ok
15	Q2501-01	VX046882.D	03 Jul 2025 13:13	JC/MD	Ok
16	Q2501-02	VX046883.D	03 Jul 2025 13:34	JC/MD	Ok
17	Q2501-03	VX046884.D	03 Jul 2025 13:55	JC/MD	Ok
18	Q2501-04	VX046885.D	03 Jul 2025 14:16	JC/MD	Ok
19	Q2503-01	VX046886.D	03 Jul 2025 14:37	JC/MD	Ok
20	Q2503-02	VX046887.D	03 Jul 2025 14:58	JC/MD	Ok
21	Q2465-02	VX046888.D	03 Jul 2025 15:19	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2509-01	VX046889.D	03 Jul 2025 15:40	JC/MD	Ok
23	VSTDCCC050	VX046890.D	03 Jul 2025 16:03	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046987.D	15 Jul 2025 08:29	JC/MD	Ok
2	VSTDCCC050	VX046988.D	15 Jul 2025 10:18	JC/MD	Ok,M
3	VX0715MBL01	VX046989.D	15 Jul 2025 10:39	JC/MD	Ok
4	VX0715WBL01	VX046990.D	15 Jul 2025 11:00	JC/MD	Ok
5	VX0715WBS01	VX046991.D	15 Jul 2025 11:21	JC/MD	Ok,M
6	VX0715WBSD01	VX046992.D	15 Jul 2025 11:47	JC/MD	Ok,M
7	Q2578-01RE	VX046993.D	15 Jul 2025 12:08	JC/MD	Confirms
8	Q2578-05RE	VX046994.D	15 Jul 2025 12:30	JC/MD	Confirms
9	Q2578-09RE	VX046995.D	15 Jul 2025 12:51	JC/MD	Confirms
10	Q2578-13RE	VX046996.D	15 Jul 2025 13:12	JC/MD	Confirms
11	Q2578-17RE	VX046997.D	15 Jul 2025 13:33	JC/MD	Confirms
12	Q2579-01RE	VX046998.D	15 Jul 2025 13:54	JC/MD	Confirms
13	Q2579-05RE	VX046999.D	15 Jul 2025 14:16	JC/MD	Confirms
14	Q2565-01	VX047000.D	15 Jul 2025 14:37	JC/MD	Ok
15	Q2602-01	VX047001.D	15 Jul 2025 14:58	JC/MD	ReRun
16	Q2571-04	VX047002.D	15 Jul 2025 15:20	JC/MD	Ok,M
17	Q2571-08	VX047003.D	15 Jul 2025 15:41	JC/MD	Ok
18	Q2586-04	VX047004.D	15 Jul 2025 16:02	JC/MD	Ok,M
19	Q2561-07	VX047005.D	15 Jul 2025 16:24	JC/MD	Ok
20	PB168804TB	VX047006.D	15 Jul 2025 16:45	JC/MD	Ok,M
21	VX0715MBS01	VX047007.D	15 Jul 2025 17:06	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VX0715MBSD01	VX047008.D	15 Jul 2025 17:27	JC/MD	Ok,M
23	Q2503-03ME	VX047009.D	15 Jul 2025 17:49	JC/MD	Ok
24	Q2503-04ME	VX047010.D	15 Jul 2025 18:10	JC/MD	Ok
25	Q2600-03	VX047011.D	15 Jul 2025 18:31	JC/MD	Ok,M
26	Q2600-07	VX047012.D	15 Jul 2025 18:52	JC/MD	Ok,M
27	Q2600-11	VX047013.D	15 Jul 2025 19:13	JC/MD	Dilution
28	VSTDCCC050	VX047014.D	15 Jul 2025 19:34	JC/MD	Ok,M

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM		
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031728.D	30 Jun 2025 08:56		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW031729.D	30 Jun 2025 09:54		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW031730.D	30 Jun 2025 10:15	8260-soil-method	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW031731.D	30 Jun 2025 10:58		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	Comp. #20 is on Quadratic Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW031733.D	30 Jun 2025 12:34		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW031734.D	30 Jun 2025 12:55		SY/MD	Ok,M
8	VIBLK	VIBLK	VW031735.D	30 Jun 2025 14:11		SY/MD	Ok
9	VSTDICV050	ICVVW063025	VW031736.D	30 Jun 2025 15:23		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071425

Review By	Semsettin Yesilyurt	Review On	7/15/2025 3:30:06 PM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:42:51 PM		
SubDirectory	VW071425	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134754
Initial Calibration Stds	
CCC	VP134755,VP134756
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031835.D	14 Jul 2025 08:45		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW031836.D	14 Jul 2025 09:17		SY/MD	Ok,M
3	VW0714SBL01	VW0714SBL01	VW031837.D	14 Jul 2025 09:46		SY/MD	Ok
4	VW0714SBS01	VW0714SBS01	VW031838.D	14 Jul 2025 10:14		SY/MD	Ok,M
5	VW0714SBSD01	VW0714SBSD01	VW031839.D	14 Jul 2025 10:36		SY/MD	Ok,M
6	Q2503-03	GCAP2	VW031840.D	14 Jul 2025 11:16	Need MeOH,vial-A	SY/MD	Dilution
7	Q2503-04	GCAP3	VW031841.D	14 Jul 2025 11:38	Need MeOH,vial-A	SY/MD	Dilution
8	Q2503-03	GCAP2	VW031842.D	14 Jul 2025 12:00	Already Analyzed,vial B	SY/MD	Not Ok
9	Q2503-04	GCAP3	VW031843.D	14 Jul 2025 12:22	Already Analyzed,vial B	SY/MD	Not Ok
10	Q2560-03	LP-7102025-VOC	VW031844.D	14 Jul 2025 12:45	vial B	SY/MD	Ok
11	Q2592-01	WC-SOIL-20250711	VW031845.D	14 Jul 2025 13:07	vial A	SY/MD	Ok
12	Q2590-01	NB-7-071125	VW031846.D	14 Jul 2025 13:29	vial A	SY/MD	Ok
13	Q2586-03	TP-16-VOC	VW031847.D	14 Jul 2025 13:51	vial A	SY/MD	Ok
14	Q2589-01	AU-06-071125	VW031848.D	14 Jul 2025 14:13	vial A	SY/MD	Ok
15	Q2559-01	500-3B CONCRETE CH	VW031849.D	14 Jul 2025 14:36	Surrogate Fail,vial A	SY/MD	ReRun
16	Q2597-01	CHRT-26899	VW031850.D	14 Jul 2025 15:30	vial A	SY/MD	Ok
17	Q2598-01	OK-01-071425	VW031851.D	14 Jul 2025 15:52	vial A	SY/MD	Ok
18	VIBLK	VIBLK	VW031852.D	14 Jul 2025 16:14		SY/MD	Ok

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071425

Review By	Semsettin Yesilyurt	Review On	7/15/2025 3:30:06 PM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:42:51 PM		
SubDirectory	VW071425	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134754
Initial Calibration Stds	
CCC	VP134755,VP134756
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VW031853.D	14 Jul 2025 16:37		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046859.D	02 Jul 2025 11:12		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046860.D	02 Jul 2025 12:11		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX046861.D	02 Jul 2025 12:37	%D Failed for com.#13 in 5 ppb	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046862.D	02 Jul 2025 13:18		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	LR-13	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046864.D	02 Jul 2025 14:10		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046865.D	02 Jul 2025 14:31		JC/MD	Ok,M
8	VIBLK	VIBLK	VX046866.D	02 Jul 2025 14:53		JC/MD	Ok
9	VSTDICV050	ICVVX070225	VX046867.D	02 Jul 2025 15:14		JC/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046868.D	03 Jul 2025 07:52		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	pH#Lot#V12668	JC/MD	Ok,M
3	VX0703MBL01	VX0703MBL01	VX046870.D	03 Jul 2025 08:42		JC/MD	Ok
4	VX0703WBL01	VX0703WBL01	VX046871.D	03 Jul 2025 09:09		JC/MD	Ok
5	Q2458-10	FB-06272025	VX046872.D	03 Jul 2025 09:35	vial A pH<2 FB	JC/MD	Ok
6	VX0703WBS01	VX0703WBS01	VX046873.D	03 Jul 2025 09:56		JC/MD	Ok,M
7	VX0703WBSD01	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23		JC/MD	Ok,M
8	Q2455-01	MW1	VX046875.D	03 Jul 2025 10:44	vial A pH<2	JC/MD	Ok,M
9	Q2455-03	MW10	VX046876.D	03 Jul 2025 11:04	vial A pH<2	JC/MD	Ok,M
10	Q2455-02	MW3	VX046877.D	03 Jul 2025 11:25	vial A pH<2	JC/MD	Ok
11	Q2455-04	FIELD-BLANK	VX046878.D	03 Jul 2025 11:46	vial A pH<2 FB	JC/MD	Ok
12	Q2447-07ME	LAW-25-0100ME	VX046879.D	03 Jul 2025 12:07		JC/MD	Ok
13	VX0703MBS01	VX0703MBS01	VX046880.D	03 Jul 2025 12:27		JC/MD	Ok,M
14	IBLK	IBLK	VX046881.D	03 Jul 2025 12:53		JC/MD	Ok
15	Q2501-01	STORAGE-BLANK-SO	VX046882.D	03 Jul 2025 13:13	vial A pH<2	JC/MD	Ok
16	Q2501-02	STORAGE-BLANK-WA	VX046883.D	03 Jul 2025 13:34	vial A pH<2	JC/MD	Ok
17	Q2501-03	STORAGE-BLANK-WA	VX046884.D	03 Jul 2025 13:55	vial A pH<2	JC/MD	Ok
18	Q2501-04	STORAGE-BLANK-SA	VX046885.D	03 Jul 2025 14:16	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2503-01	GCAP2W	VX046886.D	03 Jul 2025 14:37	vial A pH<2	JC/MD	Ok
20	Q2503-02	GCAP3W	VX046887.D	03 Jul 2025 14:58	vial A pH<2	JC/MD	Ok
21	Q2465-02	62025-B	VX046888.D	03 Jul 2025 15:19	vial A pH<2 oily dark sample	JC/MD	Ok,M
22	Q2509-01	AUD-25-0110-0111	VX046889.D	03 Jul 2025 15:40	vial A pH<2 turbid sample	JC/MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VX046890.D	03 Jul 2025 16:03		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046987.D	15 Jul 2025 08:29		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046988.D	15 Jul 2025 10:18	CCC fail High com. #25	JC/MD	Ok,M
3	VX0715MBL01	VX0715MBL01	VX046989.D	15 Jul 2025 10:39		JC/MD	Ok
4	VX0715WBL01	VX0715WBL01	VX046990.D	15 Jul 2025 11:00		JC/MD	Ok
5	VX0715WBS01	VX0715WBS01	VX046991.D	15 Jul 2025 11:21		JC/MD	Ok,M
6	VX0715WBSD01	VX0715WBSD01	VX046992.D	15 Jul 2025 11:47		JC/MD	Ok,M
7	Q2578-01RE	WC-A5-01-GRE	VX046993.D	15 Jul 2025 12:08	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
8	Q2578-05RE	WC-A2-09-GRE	VX046994.D	15 Jul 2025 12:30	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
9	Q2578-09RE	WC-A2-10-GRE	VX046995.D	15 Jul 2025 12:51	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
10	Q2578-13RE	WC-A2-11-GRE	VX046996.D	15 Jul 2025 13:12	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
11	Q2578-17RE	WC-A2-12-GRE	VX046997.D	15 Jul 2025 13:33	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
12	Q2579-01RE	WC-A2-13-GRE	VX046998.D	15 Jul 2025 13:54	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
13	Q2579-05RE	WC-A2-14-GRE	VX046999.D	15 Jul 2025 14:16	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
14	Q2565-01	MOO-25-0192-0193	VX047000.D	15 Jul 2025 14:37	vial A pH<2 foamy sample	JC/MD	Ok
15	Q2602-01	FRAC-TANK-266380	VX047001.D	15 Jul 2025 14:58	vial A pH<2 CCC Failed High,BS,BSD Failed High	JC/MD	ReRun
16	Q2571-04	TP-18	VX047002.D	15 Jul 2025 15:20	vial A pH#5.0	JC/MD	Ok,M
17	Q2571-08	TP-17	VX047003.D	15 Jul 2025 15:41	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2586-04	TP-16	VX047004.D	15 Jul 2025 16:02	vial A pH#5.0	JC/MD	Ok,M
19	Q2561-07	AUD-25-0117	VX047005.D	15 Jul 2025 16:24	vial A pH#5.0	JC/MD	Ok
20	PB168804TB	PB168804TB	VX047006.D	15 Jul 2025 16:45		JC/MD	Ok,M
21	VX0715MBS01	VX0715MBS01	VX047007.D	15 Jul 2025 17:06		JC/MD	Ok,M
22	VX0715MBSD01	VX0715MBSD01	VX047008.D	15 Jul 2025 17:27		JC/MD	Ok,M
23	Q2503-03ME	GCAP2ME	VX047009.D	15 Jul 2025 17:49		JC/MD	Ok
24	Q2503-04ME	GCAP3ME	VX047010.D	15 Jul 2025 18:10		JC/MD	Ok
25	Q2600-03	TRENCH	VX047011.D	15 Jul 2025 18:31		JC/MD	Ok,M
26	Q2600-07	STOCK-PILE	VX047012.D	15 Jul 2025 18:52		JC/MD	Ok,M
27	Q2600-11	END-OF-TRENCH	VX047013.D	15 Jul 2025 19:13	Need 20X	JC/MD	Dilution
28	VSTDCCC050	VSTDCCC050EC	VX047014.D	15 Jul 2025 19:34		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2503	**OrderDate:**	7/3/2025 11:38:00 AM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	--Select--,O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2503-01	**GCAP2W**	**Water**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/03/25	
Q2503-02	**GCAP3W**	**Water**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/03/25	
Q2503-03	**GCAP2**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/14/25	
Q2503-03ME	**GCAP2ME**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2503-04	**GCAP3**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/14/25	
Q2503-04ME	**GCAP3ME**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/15/25	

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:	07/02/25	
Project:	Capra		Date Received:	07/03/25	
Client Sample ID:	GCAP2		SDG No.:	Q2503	
Lab Sample ID:	Q2503-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	71.2	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/07/25 21:05	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	16.3		1	1.65	2.80	mg/kg	FE054715.D
Aliphatic C9-C28	Aliphatic C9-C28	6.34		1	1.27	5.60	mg/kg	FE054715.D
Total AliphaticEPH	Total AliphaticEPH	22.6			2.92	8.40	mg/kg	
Total EPH	Total EPH	22.6			2.92	8.40	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:	07/02/25	
Project:	Capra		Date Received:	07/03/25	
Client Sample ID:	GCAP2		SDG No.:	Q2503	
Lab Sample ID:	Q2503-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	71.2	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054715.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.34		1.27	5.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	16.3		1.65	2.80	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.8		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.4		40 - 140	87%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2503-03	Acq On:	07 Jul 2025 21:05
Client Sample ID:	GCAP2	Operator:	YP\AJ
Data file:	FE054715.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	2479247	18.222	300	ug/ml
Aliphatic C12-C16	6.954	10.404	1601415	11.392	200	ug/ml
Aliphatic C16-C21	10.405	13.782	2306899	15.976	300	ug/ml
Aliphatic C21-C28	13.783	17.452	3232555	22.347	400	ug/ml
Aliphatic C28-C40	17.453	22.469	24254059	174.933	600	ug/ml
Aliphatic EPH	3.322	22.469	33874175	242.872		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	7042756	43.37		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	5403219	42.78		ug/ml
Aliphatic C9-C28	3.322	17.452	9620116	67.937	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	07/02/25	
Project:	Capra		Date Received:	07/03/25	
Client Sample ID:	GCAP3		SDG No.:	Q2503	
Lab Sample ID:	Q2503-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	65.6	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/07/25 21:36	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	25.6		1	1.79	3.04	mg/kg	FE054716.D
Aliphatic C9-C28	Aliphatic C9-C28	24.1		1	1.38	6.08	mg/kg	FE054716.D
Total AliphaticEPH	Total AliphaticEPH	49.7			3.17	9.12	mg/kg	
Total EPH	Total EPH	49.7			3.17	9.12	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	07/02/25	
Project:	Capra		Date Received:	07/03/25	
Client Sample ID:	GCAP3		SDG No.:	Q2503	
Lab Sample ID:	Q2503-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	65.6	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054716.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	24.1		1.38	6.08	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.6		1.79	3.04	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2503-04	Acq On:	07 Jul 2025 21:36
Client Sample ID:	GCAP3	Operator:	YP\AJ
Data file:	FE054716.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	8911393	65.498	300	ug/ml
Aliphatic C12-C16	6.954	10.404	3836958	27.296	200	ug/ml
Aliphatic C16-C21	10.405	13.782	9989248	69.181	300	ug/ml
Aliphatic C21-C28	13.783	17.452	10899386	75.349	400	ug/ml
Aliphatic C28-C40	17.453	22.469	34950655	252.083	600	ug/ml
Aliphatic EPH	3.322	22.469	68587640	489.407		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	5655103	34.82		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	4508826	35.7		ug/ml
Aliphatic C9-C28	3.322	17.452	33636985	237.324	1200	ug/ml

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Run Number: FE070725AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
GCAP2	86	87		0
GCAP3	71	70		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Run Number: FG070725AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168738BL	94	92		0
WC-1MS	76	69		0
WC-1MSD	76	69		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Run Number: FG070825AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168738BS	53	51		0
PB168738BSD	53	52		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	Alliance	**Client:**	G Environmental
Lab Code:	ACE	**SDG No:**	Q2503
Sample No :	Q2515-01MS **Datafile:** FG016232.D	**Client ID :**	WC-1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	34.2	12.4	49.4	108		(40-140)
Aliphatic C9-C28	114.0	5.56	108	90		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.8	0.0000	2.4008	63		(40-140)
n-Decane (C10)	3.8	0.0000	5.8093	153	*	(40-140)
Naphthalene (C11.7)	3.8	0.0000	3.2301	85		(40-140)
n-Dodecane (C12)	3.8	0.0000	3.0297	80		(40-140)
2-methylnaphthalene (C12.89)	3.8	0.0000	3.2812	86		(40-140)
n-Tetradecane (C14)	3.8	0.0000	3.3947	89		(40-140)
n-Hexadecane (C16)	3.8	0.0000	3.6331	96		(40-140)
n-Octadecane (C18)	3.8	0.0000	3.7046	97		(40-140)
n-Eicosane (C20)	3.8	0.0000	3.9835	105		(40-140)
n-Heneicosane (C21)	3.8	0.0000	3.8614	102		(40-140)
n-Docosane (C22)	3.8	0.0000	3.8283	101		(40-140)
n-Tetracosane (C24)	7.6	0.0000	7.7383	102		(40-140)
n-Hexacosane (C26)	3.8	0.0000	3.6597	96		(40-140)
n-Octacosane (C28)	3.8	0.0000	3.6574	96		(40-140)
n-Tricontane (C30)	3.8	0.0000	3.5152	93		(40-140)
n-Dotriacontane (C32)	3.8	0.0000	3.5583	94		(40-140)
n-Tetratriacontane (C34)	3.8	0.0000	4.2227	111		(40-140)
n-Hexatriacontane (C36)	3.8	0.0000	5.0553	133		(40-140)
n-Octatriacontane (C38)	3.8	0.0000	5.7538	151	*	(40-140)
n-Tetracontane (C40)	3.8	0.0000	5.4652	144	*	(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2503

Sample No : Q2515-01MSD **Datafile:** FG016233.D **Client ID :** WC-1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	34.3	12.4	49.8	109		0.92 |	(40-140)	50
Aliphatic C9-C28	114.3	5.56	111	92		3 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.8	0.0000	2.3955	63		0 |	(40-140)	50
n-Decane (C10)	3.8	0.0000	5.7935	152	*	0.66 |	(40-140)	50
Naphthalene (C11.7)	3.8	0.0000	3.2237	85		0 |	(40-140)	50
n-Dodecane (C12)	3.8	0.0000	3.0244	80		0 |	(40-140)	50
2-methylnaphthalene (C12.89)	3.8	0.0000	3.2795	86		0 |	(40-140)	50
n-Tetradecane (C14)	3.8	0.0000	3.3935	89		0 |	(40-140)	50
n-Hexadecane (C16)	3.8	0.0000	3.6430	96		0 |	(40-140)	50
n-Octadecane (C18)	3.8	0.0000	3.7179	98		1.03 |	(40-140)	50
n-Eicosane (C20)	3.8	0.0000	3.9987	105		0 |	(40-140)	50
n-Heneicosane (C21)	3.8	0.0000	3.8763	102		0 |	(40-140)	50
n-Docosane (C22)	3.8	0.0000	3.8481	101		0 |	(40-140)	50
n-Tetracosane (C24)	7.6	0.0000	7.7618	102		0 |	(40-140)	50
n-Hexacosane (C26)	3.8	0.0000	3.6750	97		1.04 |	(40-140)	50
n-Octacosane (C28)	3.8	0.0000	3.6707	97		1.04 |	(40-140)	50
n-Tricontane (C30)	3.8	0.0000	3.5168	93		0 |	(40-140)	50
n-Dotriacontane (C32)	3.8	0.0000	3.5574	94		0 |	(40-140)	50
n-Tetratriacontane (C34)	3.8	0.0000	4.2836	113		1.79 |	(40-140)	50
n-Hexatriacontane (C36)	3.8	0.0000	4.9972	132		0.75 |	(40-140)	50
n-Octatriacontane (C38)	3.8	0.0000	5.4939	145	*	4.05 |	(40-140)	50
n-Tetracontane (C40)	3.8	0.0000	5.6265	148	*	2.74 |	(40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2503

Sample No : PB168738BS **Datafile:** FG016239.D **Client ID :** PB168738BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	20.1	67		(40-140)
Aliphatic C9-C28	99.9	54.0	54		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.62441	49		(40-140)
n-Decane (C10)	3.3	1.69203	51		(40-140)
Naphthalene (C11.7)	3.3	1.94890	59		(40-140)
n-Dodecane (C12)	3.3	1.79908	55		(40-140)
2-methylnaphthalene (C12.89)	3.3	1.94660	59		(40-140)
n-Tetradecane (C14)	3.3	1.92903	58		(40-140)
n-Hexadecane (C16)	3.3	1.94565	59		(40-140)
n-Octadecane (C18)	3.3	1.91517	58		(40-140)
n-Eicosane (C20)	3.3	2.03287	62		(40-140)
n-Heneicosane (C21)	3.3	1.97392	60		(40-140)
n-Docosane (C22)	3.3	1.94776	59		(40-140)
n-Tetracosane (C24)	6.7	3.92935	59		(40-140)
n-Hexacosane (C26)	3.3	1.85981	56		(40-140)
n-Octacosane (C28)	3.3	1.82643	55		(40-140)
n-Tricontane (C30)	3.3	1.77873	54		(40-140)
n-Dotriacontane (C32)	3.3	1.81434	55		(40-140)
n-Tetratriacontane (C34)	3.3	2.05277	62		(40-140)
n-Hexatriacontane (C36)	3.3	2.26492	69		(40-140)
n-Octatriacontane (C38)	3.3	2.56386	78		(40-140)
n-Tetracontane (C40)	3.3	2.78050	84		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2503

Sample No : PB168738BSD **Datafile:** FG016240.D **Client ID :** PB168738BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	20.2	67		0.38|	(40-140)	25
Aliphatic C9-C28	100.1	54.3	54		0.495|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.63004	49		0|	(40-140)	25
n-Decane (C10)	3.3	1.69781	51		0|	(40-140)	25
Naphthalene (C11.7)	3.3	1.95952	59		0|	(40-140)	25
n-Dodecane (C12)	3.3	1.80872	55		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	1.95855	59		0|	(40-140)	25
n-Tetradecane (C14)	3.3	1.94442	59		1.71|	(40-140)	25
n-Hexadecane (C16)	3.3	1.95658	59		0|	(40-140)	25
n-Octadecane (C18)	3.3	1.92766	58		0|	(40-140)	25
n-Eicosane (C20)	3.3	2.04545	62		0|	(40-140)	25
n-Heneicosane (C21)	3.3	1.98034	60		0|	(40-140)	25
n-Docosane (C22)	3.3	1.95783	59		0|	(40-140)	25
n-Tetracosane (C24)	6.7	3.93908	59		0|	(40-140)	25
n-Hexacosane (C26)	3.3	1.87086	57		1.77|	(40-140)	25
n-Octacosane (C28)	3.3	1.83439	56		1.8|	(40-140)	25
n-Tricontane (C30)	3.3	1.79001	54		0|	(40-140)	25
n-Dotriacontane (C32)	3.3	1.82926	55		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	2.06840	63		1.6|	(40-140)	25
n-Hexatriacontane (C36)	3.3	2.27655	69		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	2.57651	78		0|	(40-140)	25
n-Tetracontane (C40)	3.3	2.77844	84		0|	(40-140)	25

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4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB168738BL

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2503
Instrument ID: FID_E
Lab Sample ID: PB168738BL
Matrix: (soil/water) Solid
Date Extracted: 7/7/2025 9:30:00 AM
Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB168738BS	PB168738BS
PB168738BSD	PB168738BSD
GCAP2	Q2503-03
GCAP3	Q2503-04
WC-1MS	Q2515-01MS
WC-1MSD	Q2515-01MSD

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB168738BL			SDG No.:	Q2503
Lab Sample ID:	PB168738BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/07/25 15:02	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FG016227.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FG016227.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB168738BL		SDG No.:	Q2503	
Lab Sample ID:	PB168738BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016227.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.9		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.8		40 - 140	92%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168738BL	Acq On:	07 Jul 2025 15:02
Client Sample ID:	PB168738BL	Operator:	YP\AJ
Data file:	FG016227.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	0	0	300	ug/ml
Aliphatic C12-C16	6.959	10.419	0	0	200	ug/ml
Aliphatic C16-C21	10.420	13.811	0	0	300	ug/ml
Aliphatic C21-C28	13.812	17.498	0	0	400	ug/ml
Aliphatic C28-C40	17.499	22.561	0	0	600	ug/ml
Aliphatic EPH	3.313	22.561	0	0		ug/ml
ortho-Terphenyl (SURR)	12.103	12.103	5903658	45.76		ug/ml
1-chlorooctadecane (SURR)	13.547	13.547	4722752	46.87		ug/ml
Aliphatic C9-C28	3.313	17.498	0	0	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB168738BS		SDG No.:	Q2503	
Lab Sample ID:	PB168738BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/08/25 10:54	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	20.1		1	1.18	2.00	mg/kg	FG016239.D
Aliphatic C9-C28	Aliphatic C9-C28	54.0		1	0.91	3.99	mg/kg	FG016239.D
Total AliphaticEPH	Total AliphaticEPH	74.1			2.09	5.99	mg/kg	
Total EPH	Total EPH	74.1			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB168738BS		SDG No.:	Q2503	
Lab Sample ID:	PB168738BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016239.D	1	07/07/25	07/08/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.0		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.4		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.6		40 - 140	51%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168738BS	Acq On:	08 Jul 2025 10:54
Client Sample ID:	PB168738BS	Operator:	YP\AJ
Data file:	FG016239.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.954	15063717	137.778	300	ug/ml
Aliphatic C12-C16	6.955	10.414	21381869	191.209	200	ug/ml
Aliphatic C16-C21	10.415	13.806	25249298	220.557	300	ug/ml
Aliphatic C21-C28	13.807	17.493	29968814	261.988	400	ug/ml
Aliphatic C28-C40	17.494	22.553	27695766	301.055	600	ug/ml
Aliphatic EPH	3.312	22.553	119359464	1110		ug/ml
ortho-Terphenyl (SURR)	12.096	12.096	3298568	25.57		ug/ml
1-chlorooctadecane (SURR)	13.542	13.542	2659381	26.39		ug/ml
Aliphatic C9-C28	3.312	17.493	91663698	811.532	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB168738BSD		SDG No.:	Q2503	
Lab Sample ID:	PB168738BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/08/25 11:25	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	20.2		1	1.18	2.00	mg/kg	FG016240.D
Aliphatic C9-C28	Aliphatic C9-C28	54.3		1	0.91	4.00	mg/kg	FG016240.D
Total AliphaticEPH	Total AliphaticEPH	74.5			2.09	6.00	mg/kg	
Total EPH	Total EPH	74.5			2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB168738BSD		SDG No.:	Q2503	
Lab Sample ID:	PB168738BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016240.D	1	07/07/25	07/08/25	PB168738

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		54.3		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		20.2		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		26.6		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		25.8		40 - 140	52%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168738BSD	Acq On:	08 Jul 2025 11:25
Client Sample ID:	PB168738BSD	Operator:	YP\AJ
Data file:	FG016240.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.954	15117255	138.267	300	ug/ml
Aliphatic C12-C16	6.955	10.414	21524884	192.488	200	ug/ml
Aliphatic C16-C21	10.415	13.806	25397029	221.848	300	ug/ml
Aliphatic C21-C28	13.807	17.493	30021454	262.448	400	ug/ml
Aliphatic C28-C40	17.494	22.553	27846034	302.688	600	ug/ml
Aliphatic EPH	3.312	22.553	119906656	1120		ug/ml
ortho-Terphenyl (SURR)	12.095	12.095	3322275	25.75		ug/ml
1-chlorooctadecane (SURR)	13.540	13.540	2674882	26.55		ug/ml
Aliphatic C9-C28	3.312	17.493	92060622	815.051	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	WC-1MS			SDG No.:	Q2503
Lab Sample ID:	Q2515-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.5
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/07/25 17:31	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	49.4	E	1	1.35	2.28	mg/kg	FG016232.D
Aliphatic C9-C28	Aliphatic C9-C28	108	E	1	1.04	4.56	mg/kg	FG016232.D
Total AliphaticEPH	Total AliphaticEPH	157			2.39	6.84	mg/kg	
Total EPH	Total EPH	157			2.39	6.84	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC-1MS		SDG No.:	Q2503	
Lab Sample ID:	Q2515-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016232.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	108	E	1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	49.4	E	1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.8		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.6		40 - 140	69%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01MS	Acq On:	07 Jul 2025 17:31
Client Sample ID:	WC-1MS	Operator:	YP\AJ
Data file:	FG016232.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	24489954	223.993	300	ug/ml
Aliphatic C12-C16	6.959	10.419	34348294	307.162	200	ug/ml
Aliphatic C16-C21	10.420	13.811	48224428	421.249	300	ug/ml
Aliphatic C21-C28	13.812	17.498	52987317	463.216	400	ug/ml
Aliphatic C28-C40	17.499	22.561	59796243	649.989	600	ug/ml
Aliphatic EPH	3.313	22.561	219846236	2070		ug/ml
ortho-Terphenyl (SURR)	12.098	12.098	4471160	34.65		ug/ml
1-chlorooctadecane (SURR)	13.543	13.543	3810382	37.81		ug/ml
Aliphatic C9-C28	3.313	17.498	160049993	1420	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	WC-1MSD			SDG No.:	Q2503
Lab Sample ID:	Q2515-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.5
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/07/25 18:01	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	49.8	E	1	1.35	2.28	mg/kg	FG016233.D
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1	1.04	4.56	mg/kg	FG016233.D
Total AliphaticEPH	Total AliphaticEPH	161			2.39	6.84	mg/kg	
Total EPH	Total EPH	161			2.39	6.84	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC-1MSD		SDG No.:	Q2503	
Lab Sample ID:	Q2515-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.5	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016233.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	49.8	E	1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.9		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.7		40 - 140	69%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01MSD	Acq On:	07 Jul 2025 18:01
Client Sample ID:	WC-1MSD	Operator:	YP\AJ
Data file:	FG016233.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	24346147	222.678	300	ug/ml
Aliphatic C12-C16	6.959	10.419	34347110	307.152	200	ug/ml
Aliphatic C16-C21	10.420	13.811	52910221	462.18	300	ug/ml
Aliphatic C21-C28	13.812	17.498	53035974	463.641	400	ug/ml
Aliphatic C28-C40	17.499	22.561	60131950	653.638	600	ug/ml
Aliphatic EPH	3.313	22.561	224771402	2110		ug/ml
ortho-Terphenyl (SURR)	12.098	12.098	4481342	34.73		ug/ml
1-chlorooctadecane (SURR)	13.543	13.543	3820596	37.92		ug/ml
Aliphatic C9-C28	3.313	17.498	164639452	1460	1200	ug/ml

CALIBRATION SUMMARY

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Inital Calibration Report for SequenceID : FE062725AL

AreaCount

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	38319626.000	18841259.000	7903525.000	4345683.000	2255301.000	
Aliphatic C12-C16	26299885.000	12905734.000	5443215.000	2993160.000	1565455.000	
Aliphatic C16-C21	40647007.000	19884289.000	8390490.000	4604333.000	2408955.000	
Aliphatic C21-C28	54422256.000	26660814.000	11204648.000	6127397.000	3213117.000	
Aliphatic C28-C40	69156138.000	36606449.000	15572202.000	9126447.000	5222398.000	
Aliphatic EPH	228844912.000	114898545.000	48514080.000	27197020.000	14665226.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	136055.079333	8.044				
Aliphatic C12-C16	140568.128	8.513				
Aliphatic C16-C21	144393.643333	8.376				
Aliphatic C21-C28	144651.717	8.126				
Aliphatic C28-C40	138647.4919998	17.441				
Aliphatic EPH	140720.791333	11.192				

Concentration

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	127732.086666	125608.393333	131725.416666	144856.100000	150353.400000	
Aliphatic C12-C16	131499.425000	129057.340000	136080.375000	149658.000000	156545.500000	
Aliphatic C16-C21	135490.023333	132561.926666	139841.500000	153477.766666	160597.000000	

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Inital Calibration Report for SequenceID : FE062725AL

Aliphatic C21-C28	136055.640000	133304.070000	140058.100000	153184.925000	160655.850000	
Aliphatic C28-C40	115260.230000	122021.496666	129768.350000	152107.450000	174079.933333	
Aliphatic EPH	127136.062222	127665.050000	134761.333333	151094.555555	162946.955555	

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Inital Calibration Report for SequenceID : FG061325AL

AreaCount

Parameter Range	FG016071.D	FG016072.D	FG016073.D	FG016074.D	FG016075.D	
Aliphatic C9-C12	31187111.000	16030205.000	6399100.000	3273415.000	1801158.000	
Aliphatic C12-C16	21347944.000	10942901.000	4353077.000	2229026.000	1226761.000	
Aliphatic C16-C21	32827684.000	16845928.000	6678934.000	3420442.000	1880042.000	
Aliphatic C21-C28	43338555.000	22406907.000	8923987.000	4573238.000	2513785.000	
Aliphatic C28-C40	50822649.000	26534359.000	10867391.000	5588296.000	3093801.000	
Aliphatic EPH	179523943.000	92760300.000	37222489.000	19084417.000	10515547.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	109333.5539996	5.742				
Aliphatic C12-C16	111824.611	5.629				
Aliphatic C16-C21	114479.6466662	5.496				
Aliphatic C21-C28	114390.192	5.829				
Aliphatic C28-C40	91995.767333	7.551				
Aliphatic EPH	105812.4553328	6.196				

Concentration

Parameter Range	FG016071.D	FG016072.D	FG016073.D	FG016074.D	FG016075.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FG016071.D	FG016072.D	FG016073.D	FG016074.D	FG016075.D	
Aliphatic C9-C12	103957.036666	106868.033333	106651.666666	109113.833333	120077.200000	
Aliphatic C12-C16	106739.720000	109429.010000	108826.925000	111451.300000	122676.100000	
Aliphatic C16-C21	109425.613333	112306.186666	111315.566666	114014.733333	125336.133333	

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Inital Calibration Report for SequenceID : FG061325AL

Aliphatic C21-C28	108346.387500	112034.535000	111549.837500	114330.950000	125689.250000	
Aliphatic C28-C40	84704.415000	88447.863333	90561.591666	93138.266666	103126.700000	
Aliphatic EPH	99735.523888	103067.000000	103395.802777	106024.538888	116839.411111	

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Continuing Calibration Report for SequenceID : FE070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054714.D**						
Aliphatic C9-C12	7981359.000	60.000	3.322	6.953	133022.650	136055.079	2.229
Aliphatic C12-C16	5466819.000	40.000	6.954	10.404	136670.475	140568.128	2.773
Aliphatic C16-C21	7910196.000	60.000	10.405	13.782	131836.600	144393.643	8.696
Aliphatic C21-C28	9839779.000	80.000	13.783	17.452	122997.238	144651.717	14.970
Aliphatic C28-C40	14156555.000	120.000	17.453	22.469	117971.292	138647.492	14.913
Aliphatic EPH	45354708.000	360.000	3.322	22.469	125985.300	140720.791	10.471

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	07 Jul 2025 20:35
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054714.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.322	6.953	7981359.000	60.000	ug/ml
Aliphatic C12-C16	6.954	10.404	5466819.000	40.000	ug/ml
Aliphatic C16-C21	10.405	13.782	7910196.000	60.000	ug/ml
Aliphatic C21-C28	13.783	17.452	9839779.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.469	14156555.000	120.000	ug/ml
Aliphatic EPH	3.322	22.469	45354708.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FE070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054724.D**						
Aliphatic C9-C12	8395385.000	60.000	3.322	6.953	139923.083	136055.079	-2.843
Aliphatic C12-C16	5847593.000	40.000	6.954	10.404	146189.825	140568.128	-3.999
Aliphatic C16-C21	8492201.000	60.000	10.405	13.782	141536.683	144393.643	1.979
Aliphatic C21-C28	11903478.000	80.000	13.783	17.452	148793.475	144651.717	-2.863
Aliphatic C28-C40	17211402.000	120.000	17.453	22.469	143428.350	138647.492	-3.448
Aliphatic EPH	51850059.000	360.000	3.322	22.469	144027.942	140720.791	-2.350

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	08 Jul 2025 02:09
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054724.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.322	6.953	8395385.000	60.000	ug/ml
Aliphatic C12-C16	6.954	10.404	5847593.000	40.000	ug/ml
Aliphatic C16-C21	10.405	13.782	8492201.000	60.000	ug/ml
Aliphatic C21-C28	13.783	17.452	11903478.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.469	17211402.000	120.000	ug/ml
Aliphatic EPH	3.322	22.469	51850059.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FG070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016226.D**						
Aliphatic EPH	36278506.000	360.000	3.313	22.561	100773.628	105812.455	4.762
Aliphatic C9-C12	6491363.000	60.000	3.313	6.958	108189.383	109333.554	1.046
Aliphatic C12-C16	4445457.000	40.000	6.959	10.419	111136.425	111824.611	0.615
Aliphatic C16-C21	6767206.000	60.000	10.420	13.811	112786.767	114479.647	1.479
Aliphatic C21-C28	8618135.000	80.000	13.812	17.498	107726.688	114390.192	5.825
Aliphatic C28-C40	9956345.000	120.000	17.499	22.561	82969.542	91995.767	9.812

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	07 Jul 2025 10:55
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016226.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.313	6.958	6491363.000	60.000	ug/ml
Aliphatic C12-C16	6.959	10.419	4445457.000	40.000	ug/ml
Aliphatic C16-C21	10.420	13.811	6767206.000	60.000	ug/ml
Aliphatic C21-C28	13.812	17.498	8618135.000	80.000	ug/ml
Aliphatic C28-C40	17.499	22.561	9956345.000	120.000	ug/ml
Aliphatic EPH	3.313	22.561	36278506.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FG070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016235.D**						
Aliphatic EPH	37684618.000	360.000	3.313	22.561	104679.494	105812.455	1.071
Aliphatic C9-C12	6726134.000	60.000	3.313	6.958	112102.233	109333.554	-2.532
Aliphatic C12-C16	4611275.000	40.000	6.959	10.419	115281.875	111824.611	-3.092
Aliphatic C16-C21	7009172.000	60.000	10.420	13.811	116819.533	114479.647	-2.044
Aliphatic C21-C28	8970723.000	80.000	13.812	17.498	112134.038	114390.192	1.972
Aliphatic C28-C40	10367314.000	120.000	17.499	22.561	86394.283	91995.767	6.089

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Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	07 Jul 2025 19:30
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016235.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.313	6.958	6726134.000	60.000	ug/ml
Aliphatic C12-C16	6.959	10.419	4611275.000	40.000	ug/ml
Aliphatic C16-C21	10.420	13.811	7009172.000	60.000	ug/ml
Aliphatic C21-C28	13.812	17.498	8970723.000	80.000	ug/ml
Aliphatic C28-C40	17.499	22.561	10367314.000	120.000	ug/ml
Aliphatic EPH	3.313	22.561	37684618.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FG070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016238.D**						
Aliphatic C9-C12	6761365.000	60.000	3.312	6.954	112689.417	109333.554	-3.069
Aliphatic C12-C16	4654830.000	40.000	6.955	10.414	116370.750	111824.611	-4.065
Aliphatic C16-C21	7097103.000	60.000	10.415	13.806	118285.050	114479.647	-3.324
Aliphatic C21-C28	9336915.000	80.000	13.807	17.493	116711.438	114390.192	-2.029
Aliphatic C28-C40	10633567.000	120.000	17.494	22.553	88613.058	91995.767	3.677
Aliphatic EPH	38483780.000	360.000	3.312	22.553	106899.389	105812.455	-1.027

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	08 Jul 2025 10:17
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016238.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.312	6.954	6761365.000	60.000	ug/ml
Aliphatic C12-C16	6.955	10.414	4654830.000	40.000	ug/ml
Aliphatic C16-C21	10.415	13.806	7097103.000	60.000	ug/ml
Aliphatic C21-C28	13.807	17.493	9336915.000	80.000	ug/ml
Aliphatic C28-C40	17.494	22.553	10633567.000	120.000	ug/ml
Aliphatic EPH	3.312	22.553	38483780.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FG070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016242.D**						
Aliphatic C9-C12	6841688.000	60.000	3.312	6.954	114028.133	109333.554	-4.294
Aliphatic C12-C16	4689449.000	40.000	6.955	10.414	117236.225	111824.611	-4.839
Aliphatic C16-C21	7109672.000	60.000	10.415	13.806	118494.533	114479.647	-3.507
Aliphatic C21-C28	9356236.000	80.000	13.807	17.493	116952.950	114390.192	-2.240
Aliphatic C28-C40	10697536.000	120.000	17.494	22.553	89146.133	91995.767	3.098
Aliphatic EPH	38694581.000	360.000	3.312	22.553	107484.947	105812.455	-1.581

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	08 Jul 2025 12:54
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016242.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.312	6.954	6841688.000	60.000	ug/ml
Aliphatic C12-C16	6.955	10.414	4689449.000	40.000	ug/ml
Aliphatic C16-C21	10.415	13.806	7109672.000	60.000	ug/ml
Aliphatic C21-C28	13.807	17.493	9356236.000	80.000	ug/ml
Aliphatic C28-C40	17.494	22.553	10697536.000	120.000	ug/ml
Aliphatic EPH	3.312	22.553	38694581.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054715.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 21:05
Operator : YP\AJ
Sample : Q2503-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GCAP2

Integration File: autoint1.e
Quant Time: Jul 08 03:33:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.083	7042756	43.368 ug/ml
Spiked Amount 50.000		Recovery =	86.74%
12) S 1-chlorooctadecane (S...	13.518	5403219	42.783 ug/ml
Spiked Amount 50.000		Recovery =	85.57%
Target Compounds			

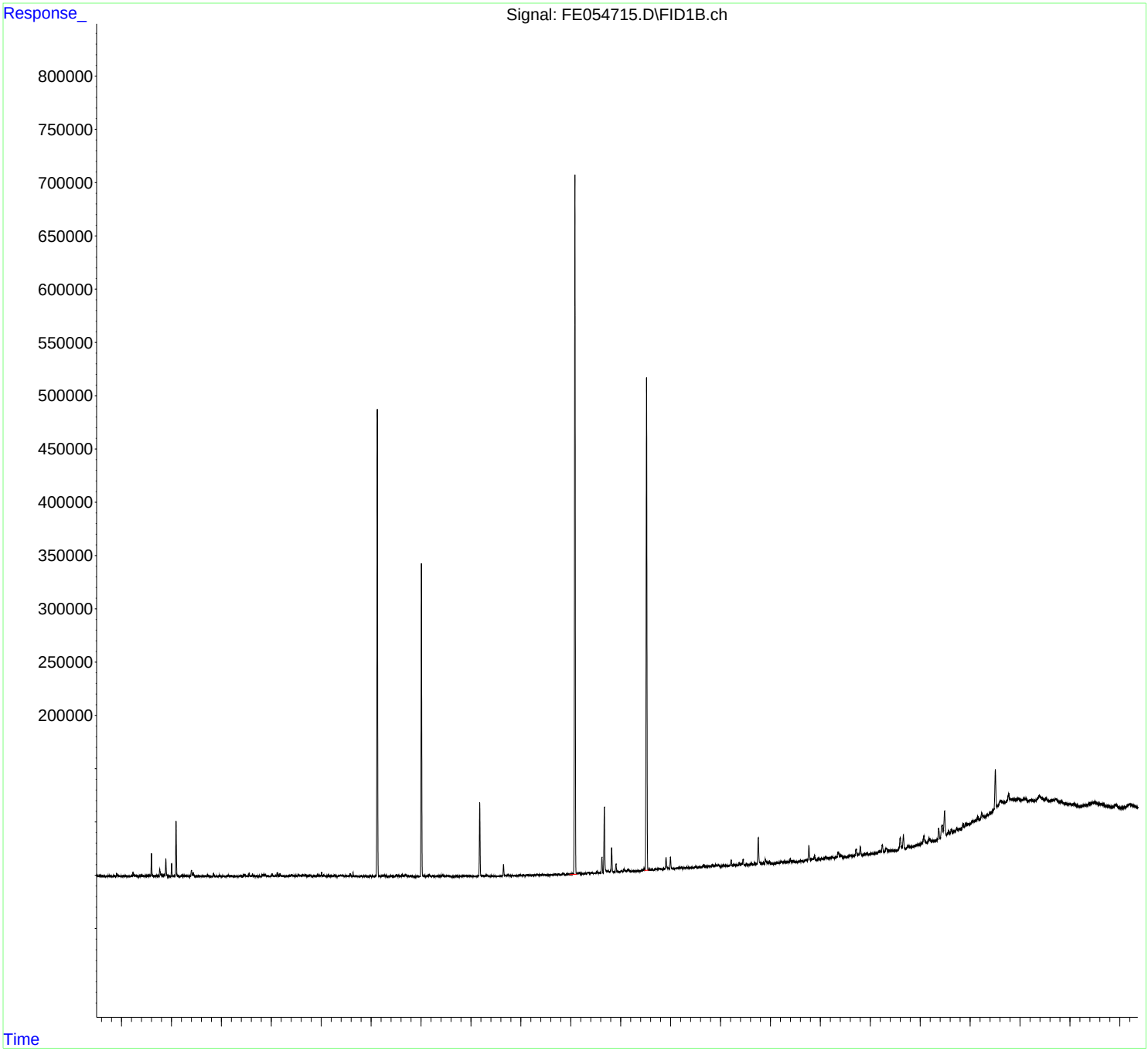
(f)=RT Delta > 1/2 Window (m)=manual int.

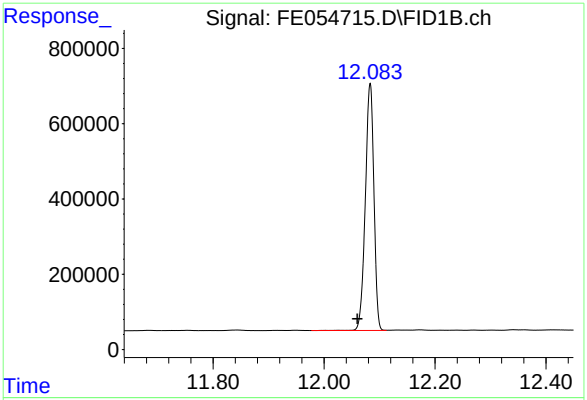
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054715.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 21:05
Operator : YP\AJ
Sample : Q2503-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GCAP2

Integration File: autoint1.e
Quant Time: Jul 08 03:33:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

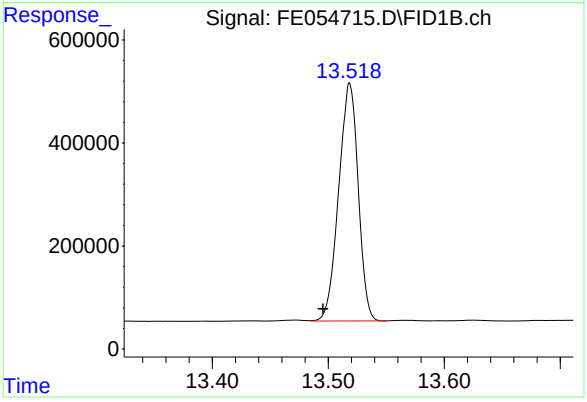




#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: 0.023 min
Response: 7042756
Conc: 43.37 ug/ml

Instrument :
FID_E
ClientSampleId :
GCAP2



#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: 0.023 min
Response: 5403219
Conc: 42.78 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054715.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 21:05
Sample : Q2503-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.839	2.805	2.871	BV	702	10379	0.15%	0.022%
2	2.904	2.871	2.941	PV	2132	34665	0.49%	0.075%
3	2.952	2.941	2.975	VV	428	7812	0.11%	0.017%
4	2.995	2.975	3.014	VV	527	9099	0.13%	0.020%
5	3.034	3.014	3.068	VV	545	12307	0.17%	0.026%
6	3.109	3.068	3.138	VV	519	13001	0.18%	0.028%
7	3.151	3.138	3.171	VV	313	3964	0.06%	0.009%
8	3.201	3.171	3.213	VV	601	11143	0.16%	0.024%
9	3.231	3.213	3.264	VV	3505	43939	0.62%	0.094%
10	3.275	3.264	3.361	VV	896	25253	0.36%	0.054%
11	3.396	3.361	3.428	VV	1193	23729	0.34%	0.051%
12	3.440	3.428	3.478	VV	646	11504	0.16%	0.025%
13	3.493	3.478	3.506	VV	359	5034	0.07%	0.011%
14	3.533	3.506	3.555	VV	987	18192	0.26%	0.039%
15	3.566	3.555	3.578	VV	964	10760	0.15%	0.023%
16	3.600	3.578	3.685	VV	21484	213419	3.03%	0.459%
17	3.701	3.685	3.722	VV	819	11204	0.16%	0.024%
18	3.738	3.722	3.748	VV	735	8472	0.12%	0.018%
19	3.765	3.748	3.798	VV	6812	91209	1.30%	0.196%
20	3.808	3.798	3.835	VV	1577	19814	0.28%	0.043%
21	3.855	3.835	3.868	VV	1589	22856	0.32%	0.049%
22	3.888	3.868	3.934	VV	16666	173104	2.46%	0.372%
23	3.955	3.934	3.980	VV	598	9945	0.14%	0.021%
24	4.004	3.980	4.044	VV	12189	116126	1.65%	0.250%
25	4.093	4.044	4.171	VV	52123	503108	7.14%	1.082%
26	4.215	4.171	4.233	VV	1369	22759	0.32%	0.049%
27	4.286	4.233	4.315	VV	699	25618	0.36%	0.055%
28	4.323	4.315	4.353	VV	622	7733	0.11%	0.017%
29	4.400	4.353	4.419	VV	6040	76776	1.09%	0.165%
30	4.436	4.419	4.475	VV	3535	49751	0.71%	0.107%
31	4.497	4.475	4.509	VV	452	6790	0.10%	0.015%
32	4.534	4.509	4.551	VV	1239	14958	0.21%	0.032%
33	4.575	4.551	4.599	VV	445	9248	0.13%	0.020%
34	4.621	4.599	4.651	VV	626	10530	0.15%	0.023%
35	4.677	4.651	4.700	VV	788	14619	0.21%	0.031%
36	4.722	4.700	4.778	VV	1252	30525	0.43%	0.066%

rteres

37	4.789	4.778	4.817	VV	470	5266	0.07%	0.011%
38	4.842	4.817	4.878	PV	2978	37640	0.53%	0.081%
39	4.895	4.878	4.914	VV	599	8625	0.12%	0.019%
40	4.925	4.914	4.945	VV	314	4925	0.07%	0.011%
41	4.962	4.945	4.981	VV	1749	19174	0.27%	0.041%
42	4.990	4.981	5.005	VV	411	4042	0.06%	0.009%
43	5.045	5.005	5.055	VV	514	9864	0.14%	0.021%
44	5.068	5.055	5.085	VV	679	8163	0.12%	0.018%
45	5.097	5.085	5.110	VV	564	6951	0.10%	0.015%
46	5.139	5.110	5.165	VV	1218	22881	0.32%	0.049%
47	5.197	5.165	5.241	VV	1223	18475	0.26%	0.040%
48	5.261	5.241	5.281	VV	652	8655	0.12%	0.019%
49	5.294	5.281	5.320	VV	398	5966	0.08%	0.013%
50	5.358	5.320	5.371	VV	604	10831	0.15%	0.023%
51	5.388	5.371	5.417	VV	1350	19239	0.27%	0.041%
52	5.441	5.417	5.454	VV	1782	19111	0.27%	0.041%
53	5.469	5.454	5.485	VV	2295	23358	0.33%	0.050%
54	5.497	5.485	5.518	VV	745	10196	0.14%	0.022%
55	5.526	5.518	5.538	VV	465	3598	0.05%	0.008%
56	5.554	5.538	5.585	VV	3051	35464	0.50%	0.076%
57	5.622	5.585	5.645	VV	2346	32700	0.46%	0.070%
58	5.669	5.645	5.685	VV	842	14422	0.20%	0.031%
59	5.698	5.685	5.715	VV	822	9721	0.14%	0.021%
60	5.728	5.715	5.750	VV	352	6615	0.09%	0.014%
61	5.763	5.750	5.785	VV	379	5001	0.07%	0.011%
62	5.818	5.785	5.832	VV	1936	25091	0.36%	0.054%
63	5.851	5.832	5.865	VV	2079	28358	0.40%	0.061%
64	5.878	5.865	5.901	VV	2550	29047	0.41%	0.062%
65	5.923	5.901	5.941	VV	911	13073	0.19%	0.028%
66	5.953	5.941	5.985	VV	385	7864	0.11%	0.017%
67	6.013	5.985	6.057	VV	2490	43626	0.62%	0.094%
68	6.082	6.057	6.098	VV	714	12940	0.18%	0.028%
69	6.117	6.098	6.154	VV	3682	56943	0.81%	0.122%
70	6.172	6.154	6.201	VV	2985	38895	0.55%	0.084%
71	6.212	6.201	6.225	VV	893	8975	0.13%	0.019%
72	6.247	6.225	6.279	VV	713	13523	0.19%	0.029%
73	6.302	6.279	6.321	PV	827	10342	0.15%	0.022%
74	6.357	6.321	6.377	VV	1247	22625	0.32%	0.049%
75	6.400	6.377	6.442	VV	2104	44194	0.63%	0.095%
76	6.451	6.442	6.467	VV	898	9754	0.14%	0.021%
77	6.491	6.467	6.517	VV	1014	19867	0.28%	0.043%
78	6.539	6.517	6.571	VV	2095	41989	0.60%	0.090%
79	6.585	6.571	6.610	VV	1241	20616	0.29%	0.044%
80	6.627	6.610	6.670	VV	1973	39821	0.57%	0.086%
81	6.689	6.670	6.708	VV	1695	25952	0.37%	0.056%
82	6.729	6.708	6.747	VV	781	15362	0.22%	0.033%
83	6.774	6.747	6.825	VV	1161	33567	0.48%	0.072%
84	6.851	6.825	6.904	VV	1026	26301	0.37%	0.057%
85	6.929	6.904	6.956	VV	2208	31856	0.45%	0.068%
86	6.977	6.956	6.991	VV	900	15570	0.22%	0.033%
87	7.007	6.991	7.030	VV	3820	42609	0.61%	0.092%
88	7.053	7.030	7.093	VV	1419	28301	0.40%	0.061%
89	7.110	7.093	7.125	VV	628	9100	0.13%	0.020%

rteres

90	7.142	7.125	7.161	VV	1412	17623	0.25%	0.038%
91	7.184	7.161	7.213	VV	915	18255	0.26%	0.039%
92	7.224	7.213	7.237	VV	551	6396	0.09%	0.014%
93	7.266	7.237	7.291	VV	1551	22948	0.33%	0.049%
94	7.345	7.291	7.355	VV	957	19024	0.27%	0.041%
95	7.392	7.355	7.414	VV	1250	33704	0.48%	0.072%
96	7.431	7.414	7.467	VV	1454	24448	0.35%	0.053%
97	7.493	7.467	7.525	VV	751	19510	0.28%	0.042%
98	7.542	7.525	7.557	VV	525	8430	0.12%	0.018%
99	7.578	7.557	7.621	VV	2835	43296	0.61%	0.093%
100	7.638	7.621	7.663	VV	2287	20253	0.29%	0.044%
101	7.681	7.663	7.699	VV	510	9107	0.13%	0.020%
102	7.710	7.699	7.749	VV	383	8140	0.12%	0.018%
103	7.769	7.749	7.777	VV	369	4344	0.06%	0.009%
104	7.802	7.777	7.841	VV	651	13089	0.19%	0.028%
105	7.862	7.841	7.878	VV	621	8553	0.12%	0.018%
106	7.889	7.878	7.912	VV	511	7244	0.10%	0.016%
107	7.924	7.912	7.958	VV	373	6315	0.09%	0.014%
108	7.982	7.958	8.006	VV	943	13907	0.20%	0.030%
109	8.027	8.006	8.078	VV	674	12025	0.17%	0.026%
110	8.177	8.171	8.204	VV	424	5900	0.08%	0.013%
111	8.233	8.204	8.251	VV	1291	20718	0.29%	0.045%
112	8.266	8.251	8.327	VV	1412	22553	0.32%	0.048%
113	8.339	8.327	8.355	VV	257	3249	0.05%	0.007%
114	8.399	8.355	8.445	VV	718	17848	0.25%	0.038%
115	8.451	8.445	8.461	VV	235	2236	0.03%	0.005%
116	8.509	8.461	8.528	VV	1578	30353	0.43%	0.065%
117	8.545	8.528	8.568	VV	1333	16875	0.24%	0.036%
118	8.582	8.568	8.595	VV	651	8437	0.12%	0.018%
119	8.619	8.595	8.636	VV	1389	19832	0.28%	0.043%
120	8.649	8.636	8.662	VV	860	10367	0.15%	0.022%
121	8.688	8.662	8.731	VV	1790	38456	0.55%	0.083%
122	8.746	8.731	8.765	VV	491	6760	0.10%	0.015%
123	8.798	8.765	8.870	VV	543	18124	0.26%	0.039%
124	8.897	8.870	8.907	VV	220	2530	0.04%	0.005%
125	8.924	8.907	8.973	VV	235	4396	0.06%	0.009%
126	9.053	9.045	9.092	VV	524	11545	0.16%	0.025%
127	9.102	9.092	9.120	VV	388	5086	0.07%	0.011%
128	9.165	9.120	9.213	VV	1478	33463	0.48%	0.072%
129	9.232	9.213	9.287	VV	720	13710	0.19%	0.029%
130	9.317	9.287	9.331	VV	462	7189	0.10%	0.015%
131	9.347	9.331	9.368	VV	382	5867	0.08%	0.013%
132	9.378	9.368	9.401	VV	393	5941	0.08%	0.013%
133	9.426	9.401	9.486	VV	1384	33843	0.48%	0.073%
134	9.519	9.486	9.538	VV	879	14080	0.20%	0.030%
135	9.558	9.538	9.598	VV	410	10182	0.14%	0.022%
136	9.607	9.598	9.625	VV	123	1225	0.02%	0.003%
137	9.639	9.625	9.663	VV	102	1891	0.03%	0.004%
138	9.676	9.663	9.689	VV	314	3336	0.05%	0.007%
139	9.711	9.689	9.767	VV	673	12130	0.17%	0.026%
140	9.819	9.767	9.838	PV	353	7672	0.11%	0.016%
141	9.858	9.838	9.882	VV	551	9694	0.14%	0.021%

rteres

142	9.902	9.882	9.948	VV	846	18367	0.26%	0.039%
143	9.979	9.948	10.015	VV	741	14941	0.21%	0.032%
144	10.062	10.015	10.070	VV	247	6519	0.09%	0.014%
145	10.082	10.070	10.120	VV	336	5961	0.08%	0.013%
146	10.177	10.120	10.216	VV	68869	700644	9.95%	1.506%
147	10.240	10.216	10.275	VV	648	13435	0.19%	0.029%
148	10.304	10.275	10.358	VV	1151	21525	0.31%	0.046%
149	10.368	10.358	10.391	VV	182	2344	0.03%	0.005%
150	10.411	10.391	10.448	VV	533	7198	0.10%	0.015%
151	10.452	10.448	10.465	VV	126	797	0.01%	0.002%
152	10.479	10.465	10.518	VV	133	2806	0.04%	0.006%
153	10.542	10.518	10.550	VV	135	910	0.01%	0.002%
154	10.576	10.550	10.600	VV	126	2564	0.04%	0.006%
155	10.653	10.600	10.678	PV	10780	114375	1.62%	0.246%
156	10.694	10.678	10.718	VV	698	10986	0.16%	0.024%
157	10.747	10.718	10.769	VV	1159	20756	0.29%	0.045%
158	10.785	10.769	10.813	VV	555	8531	0.12%	0.018%
159	10.828	10.813	10.848	VV	330	4877	0.07%	0.010%
160	10.859	10.848	10.875	VV	353	3601	0.05%	0.008%
161	10.929	10.875	10.943	PV	426	9570	0.14%	0.021%
162	10.972	10.943	10.988	VV	879	13378	0.19%	0.029%
163	11.001	10.988	11.019	VV	645	7838	0.11%	0.017%
164	11.046	11.019	11.091	VV	953	17348	0.25%	0.037%
165	11.119	11.091	11.138	VV	977	14223	0.20%	0.031%
166	11.152	11.138	11.211	VV	642	12529	0.18%	0.027%
167	11.227	11.211	11.251	VV	505	6495	0.09%	0.014%
168	11.273	11.251	11.291	VV	748	9685	0.14%	0.021%
169	11.311	11.291	11.322	VV	866	9775	0.14%	0.021%
170	11.335	11.322	11.371	VV	739	14705	0.21%	0.032%
171	11.385	11.371	11.405	VV	493	7334	0.10%	0.016%
172	11.445	11.405	11.465	VV	737	15926	0.23%	0.034%
173	11.479	11.465	11.518	VV	428	7818	0.11%	0.017%
174	11.534	11.518	11.545	VV	165	2027	0.03%	0.004%
175	11.565	11.545	11.590	VV	320	4267	0.06%	0.009%
176	11.618	11.590	11.645	VV	318	5727	0.08%	0.012%
177	11.684	11.645	11.709	PV	952	15839	0.22%	0.034%
178	11.754	11.709	11.775	VV	984	20284	0.29%	0.044%
179	11.795	11.775	11.811	VV	332	5290	0.08%	0.011%
180	11.843	11.811	11.891	VV	1668	30666	0.44%	0.066%
181	11.915	11.891	11.932	PV	572	8486	0.12%	0.018%
182	11.949	11.932	11.985	VV	823	11177	0.16%	0.024%
183	12.002	11.985	12.011	VV	434	4275	0.06%	0.009%
184	12.083	12.011	12.118	VV	661978	7041533	100.00%	15.139%
185	12.172	12.118	12.196	VV	1457	38670	0.55%	0.083%
186	12.210	12.196	12.221	VV	418	4908	0.07%	0.011%
187	12.239	12.221	12.254	VV	527	6315	0.09%	0.014%
188	12.269	12.254	12.285	VV	587	5733	0.08%	0.012%
189	12.302	12.285	12.320	VV	436	4802	0.07%	0.010%
190	12.342	12.320	12.380	VV	1439	26803	0.38%	0.058%
191	12.413	12.380	12.462	VV	912	22511	0.32%	0.048%
192	12.468	12.462	12.474	VV	260	1545	0.02%	0.003%
193	12.482	12.474	12.491	VV	268	1863	0.03%	0.004%
194	12.522	12.491	12.545	VV	1586	22477	0.32%	0.048%

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195	12.568	12.545	12.596	VV	379	7869	0.11%	0.017%
196	12.624	12.596	12.647	PV	14822	172102	2.44%	0.370%
197	12.672	12.647	12.721	VV	61267	706112	10.03%	1.518%
198	12.745	12.721	12.776	VV	1756	41294	0.59%	0.089%
199	12.819	12.776	12.858	VV	23350	292915	4.16%	0.630%
200	12.862	12.858	12.875	VV	566	5154	0.07%	0.011%
201	12.906	12.875	12.929	VV	8006	97587	1.39%	0.210%
202	12.944	12.929	12.968	VV	960	14012	0.20%	0.030%
203	13.017	12.968	13.039	VV	1172	30237	0.43%	0.065%
204	13.062	13.039	13.083	VV	2617	39617	0.56%	0.085%
205	13.094	13.083	13.112	VV	1181	15213	0.22%	0.033%
206	13.156	13.112	13.180	VV	2485	55297	0.79%	0.119%
207	13.189	13.180	13.225	VV	498	8855	0.13%	0.019%
208	13.247	13.225	13.269	VV	1016	12998	0.18%	0.028%
209	13.285	13.269	13.301	VV	342	4079	0.06%	0.009%
210	13.325	13.301	13.345	PV	710	10413	0.15%	0.022%
211	13.355	13.345	13.381	VV	350	5255	0.07%	0.011%
212	13.435	13.381	13.446	VV	870	18316	0.26%	0.039%
213	13.471	13.446	13.483	VV	2308	32944	0.47%	0.071%
214	13.518	13.483	13.550	VV	462114	5425394	77.05%	11.664%
215	13.567	13.550	13.588	VV	1601	25109	0.36%	0.054%
216	13.625	13.588	13.661	VV	1714	33671	0.48%	0.072%
217	13.683	13.661	13.695	VV	1135	15440	0.22%	0.033%
218	13.710	13.695	13.736	VV	1264	28017	0.40%	0.060%
219	13.755	13.736	13.837	VV	1782	66703	0.95%	0.143%
220	13.864	13.837	13.875	VV	1030	17486	0.25%	0.038%
221	13.909	13.875	13.943	VV	11411	168942	2.40%	0.363%
222	13.953	13.943	13.971	VV	1602	22249	0.32%	0.048%
223	13.998	13.971	14.053	VV	11786	160749	2.28%	0.346%
224	14.064	14.053	14.080	VV	658	9567	0.14%	0.021%
225	14.140	14.080	14.156	VV	1213	43248	0.61%	0.093%
226	14.188	14.156	14.202	VV	1204	28252	0.40%	0.061%
227	14.219	14.202	14.245	VV	1890	30734	0.44%	0.066%
228	14.268	14.245	14.280	VV	1292	20165	0.29%	0.043%
229	14.293	14.280	14.305	VV	1288	15943	0.23%	0.034%
230	14.326	14.305	14.378	VV	1211	38356	0.54%	0.082%
231	14.419	14.378	14.441	VV	898	25689	0.36%	0.055%
232	14.510	14.441	14.536	VV	1734	53767	0.76%	0.116%
233	14.580	14.536	14.615	VV	1013	34450	0.49%	0.074%
234	14.660	14.615	14.695	VV	2702	63421	0.90%	0.136%
235	14.709	14.695	14.726	VV	1609	22470	0.32%	0.048%
236	14.746	14.726	14.755	VV	1141	15949	0.23%	0.034%
237	14.788	14.755	14.811	VV	1493	36208	0.51%	0.078%
238	14.833	14.811	14.859	VV	2429	41637	0.59%	0.090%
239	14.906	14.859	14.923	VV	2181	52000	0.74%	0.112%
240	14.939	14.923	14.947	VV	1693	21291	0.30%	0.046%
241	14.960	14.947	15.021	VV	1738	42826	0.61%	0.092%
242	15.057	15.021	15.087	VV	1426	38501	0.55%	0.083%
243	15.110	15.087	15.139	VV	1084	25220	0.36%	0.054%
244	15.148	15.139	15.164	VV	651	8528	0.12%	0.018%
245	15.212	15.164	15.245	VV	5671	94501	1.34%	0.203%
246	15.271	15.245	15.295	VV	1360	27570	0.39%	0.059%

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247	15.312	15.295	15.351	VV	1132	26846	0.38%	0.058%
248	15.373	15.351	15.401	VV	2777	44652	0.63%	0.096%
249	15.421	15.401	15.430	VV	1795	24353	0.35%	0.052%
250	15.452	15.430	15.496	VV	5955	89822	1.28%	0.193%
251	15.520	15.496	15.545	VV	1839	24576	0.35%	0.053%
252	15.571	15.545	15.587	VV	717	12714	0.18%	0.027%
253	15.613	15.587	15.653	VV	1691	35146	0.50%	0.076%
254	15.684	15.653	15.707	VV	2172	37251	0.53%	0.080%
255	15.756	15.707	15.812	VV	25554	395230	5.61%	0.850%
256	15.823	15.812	15.837	VV	1414	18397	0.26%	0.040%
257	15.854	15.837	15.872	VV	1763	23369	0.33%	0.050%
258	15.898	15.872	15.961	VV	4874	118194	1.68%	0.254%
259	15.979	15.961	16.011	VV	2881	45393	0.64%	0.098%
260	16.043	16.011	16.064	VV	695	14144	0.20%	0.030%
261	16.075	16.064	16.090	PV	345	3249	0.05%	0.007%
262	16.121	16.090	16.137	VV	1117	17483	0.25%	0.038%
263	16.152	16.137	16.186	VV	867	22165	0.31%	0.048%
264	16.214	16.186	16.260	VV	1758	49699	0.71%	0.107%
265	16.276	16.260	16.308	VV	1550	29172	0.41%	0.063%
266	16.335	16.308	16.351	VV	1084	18654	0.26%	0.040%
267	16.399	16.351	16.425	VV	4090	72470	1.03%	0.156%
268	16.439	16.425	16.448	VV	1425	16555	0.24%	0.036%
269	16.460	16.448	16.482	VV	1478	20917	0.30%	0.045%
270	16.501	16.482	16.515	VV	513	6762	0.10%	0.015%
271	16.532	16.515	16.543	VV	267	1858	0.03%	0.004%
272	16.631	16.543	16.658	VV	960	37015	0.53%	0.080%
273	16.708	16.658	16.726	PV	1942	38785	0.55%	0.083%
274	16.771	16.726	16.808	VV	14324	233627	3.32%	0.502%
275	16.884	16.808	16.915	VV	5122	128813	1.83%	0.277%
276	16.924	16.915	16.932	VV	673	5344	0.08%	0.011%
277	16.969	16.932	16.997	VV	1997	32827	0.47%	0.071%
278	17.019	16.997	17.053	VV	1734	33492	0.48%	0.072%
279	17.099	17.053	17.151	VV	2290	77165	1.10%	0.166%
280	17.171	17.151	17.185	VV	1327	21405	0.30%	0.046%
281	17.250	17.185	17.287	VV	1684	70517	1.00%	0.152%
282	17.318	17.287	17.328	VV	1465	25641	0.36%	0.055%
283	17.355	17.328	17.384	VV	5765	124845	1.77%	0.268%
284	17.399	17.384	17.418	VV	3051	47936	0.68%	0.103%
285	17.428	17.418	17.454	VV	2058	26353	0.37%	0.057%
286	17.506	17.454	17.523	PV	847	22036	0.31%	0.047%
287	17.613	17.523	17.635	PV	1458	49534	0.70%	0.106%
288	17.650	17.635	17.662	VV	689	10071	0.14%	0.022%
289	17.716	17.662	17.770	VV	6417	135679	1.93%	0.292%
290	17.802	17.770	17.836	VV	8092	131332	1.87%	0.282%
291	17.889	17.836	17.905	PV	1467	19398	0.28%	0.042%
292	17.934	17.905	17.966	VV	1228	28839	0.41%	0.062%
293	18.026	17.966	18.061	VV	839	22465	0.32%	0.048%
294	18.085	18.061	18.104	PV	531	8120	0.12%	0.017%
295	18.119	18.104	18.134	VV	547	7774	0.11%	0.017%
296	18.192	18.134	18.212	VV	1927	51092	0.73%	0.110%
297	18.241	18.212	18.281	VV	7374	118750	1.69%	0.255%
298	18.316	18.281	18.355	VV	3711	89632	1.27%	0.193%
299	18.375	18.355	18.391	VV	1438	21953	0.31%	0.047%

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300	18.408	18.391	18.421	VV	1150	16586	0.24%	0.036%
301	18.432	18.421	18.467	VV	1041	17737	0.25%	0.038%
302	18.484	18.467	18.498	VV	814	8887	0.13%	0.019%
303	18.599	18.498	18.635	PV	11124	231920	3.29%	0.499%
304	18.664	18.635	18.699	VV	13804	203383	2.89%	0.437%
305	18.772	18.699	18.801	PV	2343	71815	1.02%	0.154%
306	18.832	18.801	18.841	VV	507	11154	0.16%	0.024%
307	18.937	18.841	18.954	VV	1486	57511	0.82%	0.124%
308	18.964	18.954	18.995	VV	1199	22561	0.32%	0.049%
309	19.074	18.995	19.133	VV	8130	235466	3.34%	0.506%
310	19.175	19.133	19.189	VV	4741	87051	1.24%	0.187%
311	19.199	19.189	19.222	VV	3853	49439	0.70%	0.106%
312	19.251	19.222	19.273	VV	1928	42677	0.61%	0.092%
313	19.298	19.273	19.309	VV	1033	19407	0.28%	0.042%
314	19.372	19.309	19.398	VV	11889	212860	3.02%	0.458%
315	19.436	19.398	19.459	VV	14205	334009	4.74%	0.718%
316	19.488	19.459	19.525	VV	26872	539374	7.66%	1.160%
317	19.567	19.525	19.594	VV	6852	215951	3.07%	0.464%
318	19.623	19.594	19.647	VV	7902	190186	2.70%	0.409%
319	19.675	19.647	19.698	VV	5975	158814	2.26%	0.341%
320	19.730	19.698	19.751	VV	7109	198208	2.81%	0.426%
321	19.781	19.751	19.820	VV	7238	255268	3.63%	0.549%
322	19.859	19.820	19.882	VV	11169	307977	4.37%	0.662%
323	19.905	19.882	19.920	VV	10434	201061	2.86%	0.432%
324	19.936	19.920	19.950	VV	9627	159859	2.27%	0.344%
325	19.975	19.950	19.990	VV	9225	215905	3.07%	0.464%
326	20.054	19.990	20.075	VV	11006	502632	7.14%	1.081%
327	20.155	20.075	20.181	VV	13763	718418	10.20%	1.545%
328	20.234	20.181	20.272	VV	16180	703030	9.98%	1.511%
329	20.278	20.272	20.308	VV	12671	262603	3.73%	0.565%
330	20.352	20.308	20.362	VV	13113	415724	5.90%	0.894%
331	20.506	20.362	20.543	VV	53913	2248867	31.94%	4.835%
332	20.603	20.543	20.674	VV	24177	1699661	24.14%	3.654%
333	20.691	20.674	20.705	VV	21419	398371	5.66%	0.856%
334	20.772	20.705	20.808	VV	28431	1463015	20.78%	3.145%
335	20.821	20.808	20.834	VV	22634	345007	4.90%	0.742%
336	20.848	20.834	20.875	VV	22276	539621	7.66%	1.160%
337	20.881	20.875	20.897	VV	21713	290165	4.12%	0.624%
338	20.917	20.897	20.936	VV	21445	494127	7.02%	1.062%
339	20.970	20.936	21.028	VV	21918	1137084	16.15%	2.445%
340	21.074	21.028	21.098	VV	20419	817012	11.60%	1.757%
341	21.120	21.098	21.156	VV	20010	655762	9.31%	1.410%
342	21.177	21.156	21.195	VV	17499	392952	5.58%	0.845%
343	21.244	21.195	21.281	VV	17360	869457	12.35%	1.869%
344	21.300	21.281	21.318	VV	16134	347325	4.93%	0.747%
345	21.386	21.318	21.495	VV	19294	1796602	25.51%	3.863%
346	21.524	21.495	21.563	VV	15467	588854	8.36%	1.266%
347	21.577	21.563	21.590	VV	12478	198176	2.81%	0.426%
348	21.602	21.590	21.608	VV	12419	133114	1.89%	0.286%
349	21.621	21.608	21.635	VV	12508	195935	2.78%	0.421%
350	21.655	21.635	21.677	VV	12351	310101	4.40%	0.667%
351	21.712	21.677	21.801	VV	13111	825274	11.72%	1.774%

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352	21.834	21.801	21.899	VV	9213	463605	6.58%	0.997%
353	21.915	21.899	21.957	VV	6499	200892	2.85%	0.432%
354	21.972	21.957	21.986	VV	5179	85602	1.22%	0.184%
355	21.996	21.986	22.039	VV	4701	138675	1.97%	0.298%
356	22.088	22.039	22.135	VV	3962	197832	2.81%	0.425%
357	22.146	22.135	22.191	VV	1579	31237	0.44%	0.067%
358	22.284	22.191	22.296	PV	462	5586	0.08%	0.012%
			Sum of corrected areas:			46512655		

Aliphatic EPH 062725.M Tue Jul 08 05:06:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054716.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 21:36
Operator : YP\AJ
Sample : Q2503-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GCAP3

Integration File: autoint1.e
Quant Time: Jul 08 03:33:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.082	5655103	34.823 ug/ml
Spiked Amount 50.000		Recovery =	69.65%
12) S 1-chlorooctadecane (S...	13.518	4508826	35.701 ug/ml
Spiked Amount 50.000		Recovery =	71.40%
Target Compounds			

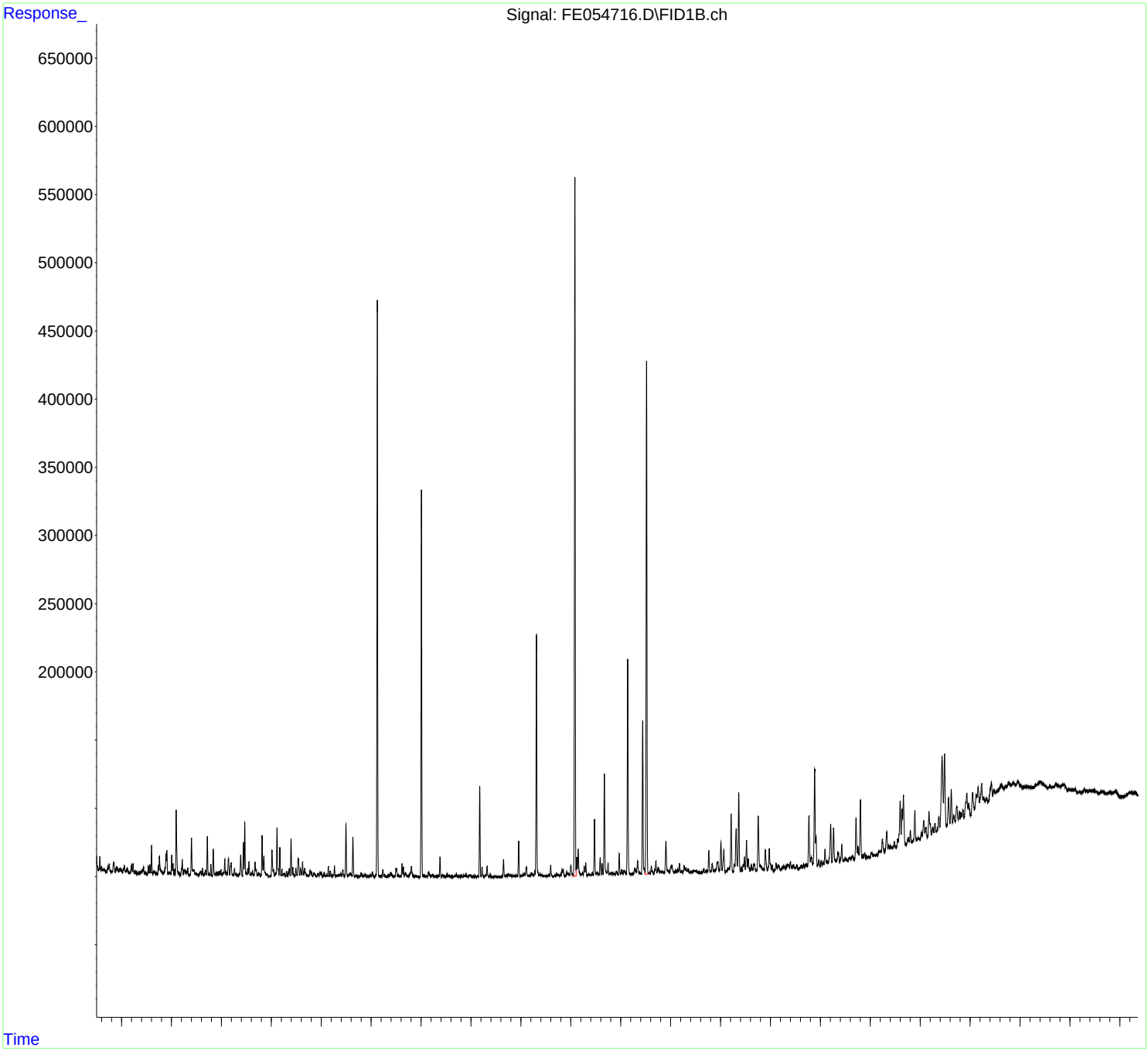
(f)=RT Delta > 1/2 Window (m)=manual int.

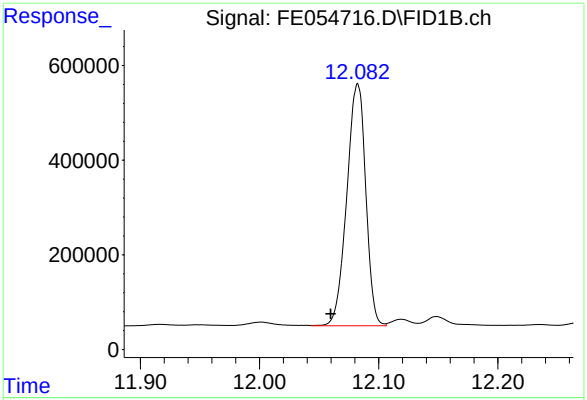
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054716.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 21:36
Operator : YP\AJ
Sample : Q2503-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GCAP3

Integration File: autoint1.e
Quant Time: Jul 08 03:33:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

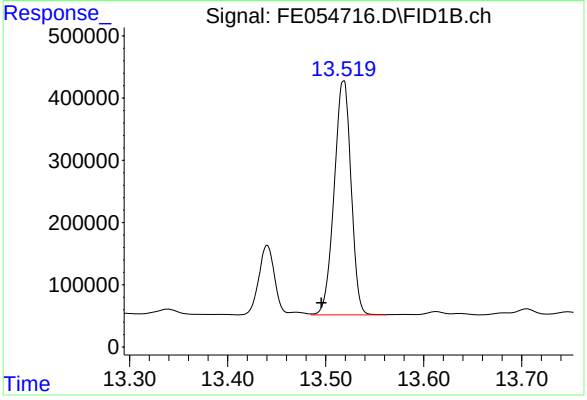




#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: 0.022 min
Response: 5655103
Conc: 34.82 ug/ml

Instrument :
FID_E
ClientSampleId :
GCAP3



#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: 0.023 min
Response: 4508826
Conc: 35.70 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054716.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 21:36
Sample : Q2503-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.845	2.804	2.873	BV	6712	115413	2.04%	0.145%
2	2.900	2.873	2.944	VV	4110	84377	1.49%	0.106%
3	2.969	2.944	2.987	VV	2908	54630	0.97%	0.069%
4	2.999	2.987	3.018	VV	2258	23173	0.41%	0.029%
5	3.056	3.018	3.081	VV	5172	85571	1.51%	0.108%
6	3.113	3.081	3.169	VV	3822	67054	1.19%	0.084%
7	3.202	3.169	3.217	PV	5724	83097	1.47%	0.105%
8	3.231	3.217	3.254	VV	7033	74078	1.31%	0.093%
9	3.285	3.254	3.327	VV	1323	31374	0.55%	0.040%
10	3.351	3.327	3.367	VV	1140	13404	0.24%	0.017%
11	3.388	3.367	3.400	VV	1701	23395	0.41%	0.029%
12	3.419	3.400	3.428	VV	3324	40458	0.72%	0.051%
13	3.441	3.428	3.460	VV	5279	60461	1.07%	0.076%
14	3.474	3.460	3.510	VV	1610	27734	0.49%	0.035%
15	3.538	3.510	3.552	PV	6024	65203	1.15%	0.082%
16	3.568	3.552	3.583	VV	7183	76423	1.35%	0.096%
17	3.601	3.583	3.623	VV	21534	205838	3.64%	0.259%
18	3.647	3.623	3.659	VV	2095	35552	0.63%	0.045%
19	3.668	3.659	3.688	VV	1801	21497	0.38%	0.027%
20	3.707	3.688	3.720	VV	1521	18251	0.32%	0.023%
21	3.739	3.720	3.748	VV	7303	69798	1.23%	0.088%
22	3.759	3.748	3.834	VV	12700	225884	3.99%	0.285%
23	3.908	3.834	3.940	VV	18058	407287	7.20%	0.513%
24	3.955	3.940	3.986	VV	2440	44879	0.79%	0.057%
25	4.006	3.986	4.021	VV	14812	147725	2.61%	0.186%
26	4.032	4.021	4.049	VV	8395	81660	1.44%	0.103%
27	4.064	4.049	4.076	VV	4297	41853	0.74%	0.053%
28	4.095	4.076	4.173	VV	47680	599578	10.60%	0.755%
29	4.216	4.173	4.234	PV	11420	153972	2.72%	0.194%
30	4.255	4.234	4.273	VV	3822	71500	1.26%	0.090%
31	4.285	4.273	4.307	VV	3568	54600	0.97%	0.069%
32	4.326	4.307	4.353	VV	5407	66907	1.18%	0.084%
33	4.401	4.353	4.431	VV	27681	324056	5.73%	0.408%
34	4.450	4.431	4.481	VV	4340	84742	1.50%	0.107%
35	4.491	4.481	4.546	VV	1965	38619	0.68%	0.049%
36	4.587	4.546	4.603	VV	3392	63775	1.13%	0.080%

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37	4.621	4.603	4.646	VV	5474	65712	1.16%	0.083%
38	4.679	4.646	4.696	VV	4163	62344	1.10%	0.079%
39	4.719	4.696	4.741	VV	28984	284599	5.03%	0.359%
40	4.754	4.741	4.771	VV	1962	24798	0.44%	0.031%
41	4.790	4.771	4.818	VV	8620	84945	1.50%	0.107%
42	4.838	4.818	4.878	PV	19477	220746	3.90%	0.278%
43	4.897	4.878	4.915	VV	2713	40699	0.72%	0.051%
44	4.935	4.915	4.951	VV	2726	39844	0.70%	0.050%
45	4.964	4.951	4.976	VV	3624	36222	0.64%	0.046%
46	4.991	4.976	5.010	VV	4591	49514	0.88%	0.062%
47	5.068	5.010	5.086	VV	12426	171126	3.03%	0.216%
48	5.097	5.086	5.112	VV	3177	33596	0.59%	0.042%
49	5.142	5.112	5.165	VV	12765	192926	3.41%	0.243%
50	5.196	5.165	5.238	VV	9890	177764	3.14%	0.224%
51	5.262	5.238	5.282	VV	5187	62031	1.10%	0.078%
52	5.294	5.282	5.316	VV	1705	24996	0.44%	0.031%
53	5.333	5.316	5.343	VV	1127	13402	0.24%	0.017%
54	5.387	5.343	5.418	VV	15454	209562	3.70%	0.264%
55	5.441	5.418	5.454	VV	24823	239483	4.23%	0.302%
56	5.469	5.454	5.511	VV	39289	409469	7.24%	0.516%
57	5.527	5.511	5.538	VV	5500	53592	0.95%	0.068%
58	5.552	5.538	5.578	VV	10764	118810	2.10%	0.150%
59	5.596	5.578	5.608	VV	2285	30140	0.53%	0.038%
60	5.622	5.608	5.644	VV	3526	42208	0.75%	0.053%
61	5.675	5.644	5.716	VV	10310	177986	3.15%	0.224%
62	5.740	5.716	5.780	VV	2537	55413	0.98%	0.070%
63	5.817	5.780	5.834	VV	29749	316446	5.59%	0.399%
64	5.851	5.834	5.899	VV	14519	212048	3.75%	0.267%
65	5.911	5.899	5.938	VV	1939	25437	0.45%	0.032%
66	5.949	5.938	5.968	VV	414	5541	0.10%	0.007%
67	6.014	5.968	6.065	PV	19341	297088	5.25%	0.374%
68	6.084	6.065	6.093	VV	2690	30971	0.55%	0.039%
69	6.115	6.093	6.153	VV	35386	416838	7.37%	0.525%
70	6.172	6.153	6.196	VV	21349	209784	3.71%	0.264%
71	6.213	6.196	6.229	VV	5249	52549	0.93%	0.066%
72	6.253	6.229	6.283	VV	2239	49482	0.87%	0.062%
73	6.305	6.283	6.325	VV	3717	43683	0.77%	0.055%
74	6.360	6.325	6.376	VV	5941	86715	1.53%	0.109%
75	6.396	6.376	6.416	VV	27603	269206	4.76%	0.339%
76	6.431	6.416	6.464	VV	6644	83356	1.47%	0.105%
77	6.492	6.464	6.518	VV	5988	76874	1.36%	0.097%
78	6.540	6.518	6.568	VV	12838	217545	3.85%	0.274%
79	6.584	6.568	6.611	VV	5950	85201	1.51%	0.107%
80	6.626	6.611	6.644	VV	10881	110307	1.95%	0.139%
81	6.667	6.644	6.702	VV	6024	109906	1.94%	0.138%
82	6.712	6.702	6.744	VV	1519	19754	0.35%	0.025%
83	6.775	6.744	6.796	VV	4407	74971	1.33%	0.094%
84	6.804	6.796	6.827	VV	2562	35146	0.62%	0.044%
85	6.853	6.827	6.898	VV	3066	57414	1.02%	0.072%
86	6.932	6.898	6.955	VV	2344	38153	0.67%	0.048%
87	6.974	6.955	6.994	VV	3305	54293	0.96%	0.068%
88	7.006	6.994	7.025	VV	2760	28636	0.51%	0.036%
89	7.058	7.025	7.087	VV	2936	39870	0.70%	0.050%

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90	7.110	7.087	7.123	VV	1558	18154	0.32%	0.023%
91	7.143	7.123	7.162	VV	7480	74390	1.32%	0.094%
92	7.181	7.162	7.203	VV	4076	42653	0.75%	0.054%
93	7.219	7.203	7.234	VV	872	12544	0.22%	0.016%
94	7.266	7.234	7.290	VV	7131	85589	1.51%	0.108%
95	7.304	7.290	7.324	VV	1379	16101	0.28%	0.020%
96	7.341	7.324	7.362	VV	1640	24799	0.44%	0.031%
97	7.392	7.362	7.414	VV	2205	40178	0.71%	0.051%
98	7.433	7.414	7.466	VV	4638	62504	1.10%	0.079%
99	7.496	7.466	7.531	VV	38344	408684	7.23%	0.515%
100	7.580	7.531	7.613	VV	2763	76668	1.36%	0.097%
101	7.635	7.613	7.669	VV	29124	304446	5.38%	0.384%
102	7.703	7.669	7.727	VV	1193	21380	0.38%	0.027%
103	7.740	7.727	7.750	VV	347	2365	0.04%	0.003%
104	7.766	7.750	7.774	VV	586	5639	0.10%	0.007%
105	7.805	7.774	7.836	VV	2685	45020	0.80%	0.057%
106	7.855	7.836	7.873	VV	1176	19531	0.35%	0.025%
107	7.889	7.873	7.912	VV	1617	23351	0.41%	0.029%
108	7.927	7.912	7.961	VV	437	7055	0.12%	0.009%
109	7.987	7.961	8.004	VV	1178	18529	0.33%	0.023%
110	8.024	8.004	8.074	VV	3705	51506	0.91%	0.065%
111	8.177	8.164	8.204	VV	1035	15071	0.27%	0.019%
112	8.235	8.204	8.256	VV	5296	75387	1.33%	0.095%
113	8.267	8.256	8.294	VV	1421	17582	0.31%	0.022%
114	8.307	8.294	8.321	VV	344	4681	0.08%	0.006%
115	8.342	8.321	8.360	VV	1282	16973	0.30%	0.021%
116	8.399	8.360	8.431	VV	3094	64099	1.13%	0.081%
117	8.446	8.431	8.471	VV	773	12053	0.21%	0.015%
118	8.498	8.471	8.531	VV	5914	114118	2.02%	0.144%
119	8.545	8.531	8.564	VV	1634	19356	0.34%	0.024%
120	8.581	8.564	8.592	VV	758	9891	0.17%	0.012%
121	8.619	8.592	8.634	VV	9595	106881	1.89%	0.135%
122	8.646	8.634	8.665	VV	7106	71708	1.27%	0.090%
123	8.687	8.665	8.724	VV	2869	54410	0.96%	0.069%
124	8.744	8.724	8.755	VV	766	10870	0.19%	0.014%
125	8.806	8.755	8.851	VV	7654	160405	2.84%	0.202%
126	8.856	8.851	8.877	VV	749	7661	0.14%	0.010%
127	8.897	8.877	8.912	VV	1211	13705	0.24%	0.017%
128	8.920	8.912	8.934	VV	562	5811	0.10%	0.007%
129	8.944	8.934	8.964	VV	424	3755	0.07%	0.005%
130	9.054	9.037	9.094	VV	1954	31833	0.56%	0.040%
131	9.102	9.094	9.123	VV	653	8599	0.15%	0.011%
132	9.151	9.123	9.197	VV	3634	69231	1.22%	0.087%
133	9.221	9.197	9.264	VV	1576	39533	0.70%	0.050%
134	9.279	9.264	9.298	VV	702	10858	0.19%	0.014%
135	9.319	9.298	9.331	VV	743	9207	0.16%	0.012%
136	9.347	9.331	9.357	VV	1108	11602	0.21%	0.015%
137	9.380	9.357	9.404	VV	14497	149972	2.65%	0.189%
138	9.424	9.404	9.461	VV	1526	32372	0.57%	0.041%
139	9.472	9.461	9.494	VV	711	9819	0.17%	0.012%
140	9.520	9.494	9.541	VV	2475	30055	0.53%	0.038%
141	9.559	9.541	9.596	VV	1401	21636	0.38%	0.027%

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142	9.615	9.596	9.637	VV	314	4923	0.09%	0.006%
143	9.676	9.637	9.694	VV	1086	17444	0.31%	0.022%
144	9.710	9.694	9.738	VV	2194	27462	0.49%	0.035%
145	9.760	9.738	9.776	VV	628	9927	0.18%	0.013%
146	9.812	9.776	9.834	VV	1301	20890	0.37%	0.026%
147	9.853	9.834	9.879	VV	1573	22193	0.39%	0.028%
148	9.899	9.879	9.932	VV	2381	33501	0.59%	0.042%
149	9.976	9.932	9.988	VV	1614	29922	0.53%	0.038%
150	9.996	9.988	10.028	VV	1381	17379	0.31%	0.022%
151	10.049	10.028	10.060	VV	605	7772	0.14%	0.010%
152	10.077	10.060	10.118	VV	1147	17236	0.30%	0.022%
153	10.176	10.118	10.202	VV	67009	685467	12.12%	0.864%
154	10.222	10.202	10.258	VV	7175	88392	1.56%	0.111%
155	10.268	10.258	10.276	VV	652	6356	0.11%	0.008%
156	10.323	10.276	10.361	VV	8144	126742	2.24%	0.160%
157	10.386	10.361	10.453	VV	1605	28333	0.50%	0.036%
158	10.479	10.453	10.510	PV	397	7448	0.13%	0.009%
159	10.528	10.510	10.548	VV	312	4584	0.08%	0.006%
160	10.562	10.548	10.579	VV	294	4134	0.07%	0.005%
161	10.587	10.579	10.601	VV	195	2233	0.04%	0.003%
162	10.653	10.601	10.677	VV	12650	144201	2.55%	0.182%
163	10.692	10.677	10.710	VV	1142	17624	0.31%	0.022%
164	10.743	10.710	10.771	VV	2056	50337	0.89%	0.063%
165	10.787	10.771	10.814	VV	1565	25739	0.46%	0.032%
166	10.826	10.814	10.842	VV	613	8888	0.16%	0.011%
167	10.859	10.842	10.873	VV	824	10799	0.19%	0.014%
168	10.905	10.873	10.923	VV	1500	24423	0.43%	0.031%
169	10.956	10.923	10.984	VV	26082	285268	5.04%	0.359%
170	11.003	10.984	11.025	VV	1217	18856	0.33%	0.024%
171	11.047	11.025	11.061	VV	2120	27059	0.48%	0.034%
172	11.075	11.061	11.087	VV	3020	32993	0.58%	0.042%
173	11.108	11.087	11.143	VV	6928	116907	2.07%	0.147%
174	11.173	11.143	11.189	VV	1119	22183	0.39%	0.028%
175	11.208	11.189	11.257	VV	2684	65432	1.16%	0.082%
176	11.312	11.257	11.371	VV	175213	1919347	33.93%	2.418%
177	11.386	11.371	11.402	VV	1845	23996	0.42%	0.030%
178	11.414	11.402	11.428	VV	1076	13560	0.24%	0.017%
179	11.443	11.428	11.453	VV	886	11426	0.20%	0.014%
180	11.470	11.453	11.491	VV	920	15821	0.28%	0.020%
181	11.508	11.491	11.528	VV	479	8241	0.15%	0.010%
182	11.558	11.528	11.578	VV	1607	22808	0.40%	0.029%
183	11.597	11.578	11.650	VV	8142	98583	1.74%	0.124%
184	11.683	11.650	11.700	PV	1137	17687	0.31%	0.022%
185	11.721	11.700	11.738	VV	1667	25844	0.46%	0.033%
186	11.754	11.738	11.772	VV	1626	22191	0.39%	0.028%
187	11.824	11.772	11.836	VV	4775	77889	1.38%	0.098%
188	11.848	11.836	11.888	VV	4803	62025	1.10%	0.078%
189	11.917	11.888	11.935	PV	3147	44778	0.79%	0.056%
190	11.949	11.935	11.975	VV	2221	36322	0.64%	0.046%
191	12.001	11.975	12.043	VV	7803	127645	2.26%	0.161%
192	12.082	12.043	12.106	VV	510085	5656467	100.00%	7.126%
193	12.119	12.106	12.133	VV	13780	151495	2.68%	0.191%
194	12.149	12.133	12.204	VV	19451	267156	4.72%	0.337%

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195	12.235	12.204	12.250	VV	2492	39071	0.69%	0.049%
196	12.269	12.250	12.284	VV	6666	83362	1.47%	0.105%
197	12.300	12.284	12.327	VV	9329	105464	1.86%	0.133%
198	12.363	12.327	12.398	VV	1225	30292	0.54%	0.038%
199	12.426	12.398	12.451	VV	1988	34522	0.61%	0.043%
200	12.475	12.451	12.503	VV	40911	445363	7.87%	0.561%
201	12.523	12.503	12.564	VV	2344	55373	0.98%	0.070%
202	12.589	12.564	12.610	VV	13046	148265	2.62%	0.187%
203	12.627	12.610	12.647	VV	8386	92719	1.64%	0.117%
204	12.673	12.647	12.722	VV	74458	873293	15.44%	1.100%
205	12.746	12.722	12.775	VV	8377	113572	2.01%	0.143%
206	12.794	12.775	12.804	VV	1697	23458	0.41%	0.030%
207	12.818	12.804	12.832	VV	1920	25155	0.44%	0.032%
208	12.841	12.832	12.855	VV	1315	16558	0.29%	0.021%
209	12.864	12.855	12.889	VV	1171	17603	0.31%	0.022%
210	12.911	12.889	12.946	VV	2541	47481	0.84%	0.060%
211	12.970	12.946	12.994	VV	15364	170845	3.02%	0.215%
212	13.021	12.994	13.041	VV	3835	60790	1.07%	0.077%
213	13.065	13.041	13.111	VV	3303	79547	1.41%	0.100%
214	13.140	13.111	13.185	VV	158255	1764331	31.19%	2.223%
215	13.200	13.185	13.218	VV	1000	10239	0.18%	0.013%
216	13.238	13.218	13.248	PV	609	7983	0.14%	0.010%
217	13.277	13.248	13.310	VV	4617	91770	1.62%	0.116%
218	13.339	13.310	13.410	VV	9589	186802	3.30%	0.235%
219	13.440	13.410	13.488	VV	112148	1291674	22.84%	1.627%
220	13.518	13.488	13.566	VV	377649	4514092	79.80%	5.687%
221	13.580	13.566	13.594	VV	802	10545	0.19%	0.013%
222	13.612	13.594	13.629	VV	5340	63334	1.12%	0.080%
223	13.636	13.629	13.658	VV	2265	23227	0.41%	0.029%
224	13.705	13.658	13.727	VV	9685	156365	2.76%	0.197%
225	13.747	13.727	13.793	VV	4895	104323	1.84%	0.131%
226	13.809	13.793	13.825	VV	1853	29634	0.52%	0.037%
227	13.839	13.825	13.864	VV	1616	27057	0.48%	0.034%
228	13.906	13.864	13.978	VV	23949	385343	6.81%	0.485%
229	14.005	13.978	14.014	VV	5299	77748	1.37%	0.098%
230	14.027	14.014	14.073	VV	6234	110040	1.95%	0.139%
231	14.096	14.073	14.114	VV	2633	35367	0.63%	0.045%
232	14.140	14.114	14.156	VV	3288	51583	0.91%	0.065%
233	14.177	14.156	14.199	VV	7349	97064	1.72%	0.122%
234	14.217	14.199	14.237	VV	1870	27163	0.48%	0.034%
235	14.270	14.237	14.295	VV	5548	101597	1.80%	0.128%
236	14.308	14.295	14.328	VV	4236	56440	1.00%	0.071%
237	14.349	14.328	14.388	VV	3332	61834	1.09%	0.078%
238	14.423	14.388	14.438	VV	1352	25690	0.45%	0.032%
239	14.459	14.438	14.500	VV	1681	50682	0.90%	0.064%
240	14.513	14.500	14.542	VV	1596	24794	0.44%	0.031%
241	14.579	14.542	14.603	VV	703	15239	0.27%	0.019%
242	14.616	14.603	14.624	PV	347	2190	0.04%	0.003%
243	14.662	14.624	14.685	VV	2586	38322	0.68%	0.048%
244	14.715	14.685	14.739	VV	1815	39686	0.70%	0.050%
245	14.765	14.739	14.798	VV	16249	207856	3.67%	0.262%
246	14.834	14.798	14.858	VV	6302	100940	1.78%	0.127%

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247	14.869	14.858	14.888	VV	1845	26941	0.48%	0.034%
248	14.934	14.888	14.976	VV	7629	212327	3.75%	0.267%
249	15.008	14.976	15.033	VV	22107	314122	5.55%	0.396%
250	15.067	15.033	15.098	VV	16245	272360	4.82%	0.343%
251	15.159	15.098	15.171	VV	2545	67667	1.20%	0.085%
252	15.212	15.171	15.249	VV	42258	581248	10.28%	0.732%
253	15.278	15.249	15.286	PV	5606	67126	1.19%	0.085%
254	15.312	15.286	15.337	VV	31220	494302	8.74%	0.623%
255	15.365	15.337	15.395	VV	58389	746176	13.19%	0.940%
256	15.415	15.395	15.435	VV	2902	41386	0.73%	0.052%
257	15.478	15.435	15.497	VV	10731	187896	3.32%	0.237%
258	15.521	15.497	15.540	VV	22958	298382	5.28%	0.376%
259	15.555	15.540	15.592	VV	9536	144512	2.55%	0.182%
260	15.618	15.592	15.640	VV	4290	71484	1.26%	0.090%
261	15.675	15.640	15.721	VV	5366	128887	2.28%	0.162%
262	15.755	15.721	15.788	VV	40607	596516	10.55%	0.751%
263	15.797	15.788	15.840	VV	4374	94965	1.68%	0.120%
264	15.854	15.840	15.871	VV	1893	27093	0.48%	0.034%
265	15.898	15.871	15.935	VV	15381	252416	4.46%	0.318%
266	15.976	15.935	16.018	VV	16314	288871	5.11%	0.364%
267	16.034	16.018	16.061	VV	4190	52302	0.92%	0.066%
268	16.110	16.061	16.131	PV	5432	80491	1.42%	0.101%
269	16.157	16.131	16.191	VV	4104	94845	1.68%	0.119%
270	16.239	16.191	16.250	VV	1875	39563	0.70%	0.050%
271	16.273	16.250	16.301	VV	3068	61925	1.09%	0.078%
272	16.322	16.301	16.334	VV	2864	39518	0.70%	0.050%
273	16.351	16.334	16.381	VV	4027	87415	1.55%	0.110%
274	16.399	16.381	16.419	VV	5561	77406	1.37%	0.098%
275	16.436	16.419	16.447	VV	2598	32903	0.58%	0.041%
276	16.462	16.447	16.490	VV	3414	48047	0.85%	0.061%
277	16.527	16.490	16.559	VV	3327	57261	1.01%	0.072%
278	16.612	16.559	16.628	PV	2363	38867	0.69%	0.049%
279	16.637	16.628	16.647	VV	1340	13460	0.24%	0.017%
280	16.666	16.647	16.685	VV	2832	40210	0.71%	0.051%
281	16.713	16.685	16.734	VV	3053	59102	1.04%	0.074%
282	16.771	16.734	16.800	VV	37961	573257	10.13%	0.722%
283	16.817	16.800	16.845	VV	7297	139768	2.47%	0.176%
284	16.886	16.845	16.906	VV	71730	1029692	18.20%	1.297%
285	16.913	16.906	16.941	VV	22062	235926	4.17%	0.297%
286	16.968	16.941	16.994	VV	4476	65363	1.16%	0.082%
287	17.016	16.994	17.035	PV	3651	43252	0.76%	0.054%
288	17.053	17.035	17.068	VV	2385	30114	0.53%	0.038%
289	17.092	17.068	17.119	VV	11627	155244	2.74%	0.196%
290	17.135	17.119	17.154	VV	2744	41267	0.73%	0.052%
291	17.207	17.154	17.233	VV	29370	496966	8.79%	0.626%
292	17.265	17.233	17.318	VV	25978	412106	7.29%	0.519%
293	17.353	17.318	17.386	VV	7680	173265	3.06%	0.218%
294	17.428	17.386	17.458	VV	12696	198905	3.52%	0.251%
295	17.505	17.458	17.545	VV	2631	68238	1.21%	0.086%
296	17.584	17.545	17.608	VV	2640	53618	0.95%	0.068%
297	17.645	17.608	17.684	VV	2909	80905	1.43%	0.102%
298	17.715	17.684	17.739	VV	29847	435614	7.70%	0.549%
299	17.754	17.739	17.775	VV	9214	148507	2.63%	0.187%

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300	17.803	17.775	17.832	VV	43707	600721	10.62%	0.757%
301	17.849	17.832	17.867	VV	2793	36729	0.65%	0.046%
302	17.887	17.867	17.911	VV	3739	51832	0.92%	0.065%
303	17.932	17.911	17.950	VV	1075	15074	0.27%	0.019%
304	17.970	17.950	17.994	VV	672	10052	0.18%	0.013%
305	18.017	17.994	18.051	PV	3023	65776	1.16%	0.083%
306	18.085	18.051	18.105	VV	1094	27922	0.49%	0.035%
307	18.127	18.105	18.143	VV	426	6136	0.11%	0.008%
308	18.194	18.143	18.214	PV	2564	81302	1.44%	0.102%
309	18.241	18.214	18.279	VV	10729	200093	3.54%	0.252%
310	18.330	18.279	18.353	VV	15280	296947	5.25%	0.374%
311	18.367	18.353	18.386	VV	5007	78145	1.38%	0.098%
312	18.401	18.386	18.417	VV	4419	63140	1.12%	0.080%
313	18.429	18.417	18.444	VV	2901	42993	0.76%	0.054%
314	18.483	18.444	18.514	VV	6340	140701	2.49%	0.177%
315	18.548	18.514	18.560	VV	7587	122504	2.17%	0.154%
316	18.599	18.560	18.619	VV	34731	620418	10.97%	0.782%
317	18.637	18.619	18.648	VV	28541	374324	6.62%	0.472%
318	18.664	18.648	18.709	VV	38243	627624	11.10%	0.791%
319	18.761	18.709	18.780	VV	6398	159574	2.82%	0.201%
320	18.803	18.780	18.829	VV	10960	178942	3.16%	0.225%
321	18.893	18.829	18.940	VV	24493	457623	8.09%	0.577%
322	18.976	18.940	18.995	VV	3570	111406	1.97%	0.140%
323	19.023	18.995	19.040	VV	7157	132399	2.34%	0.167%
324	19.070	19.040	19.094	VV	15299	319368	5.65%	0.402%
325	19.112	19.094	19.141	VV	10035	191260	3.38%	0.241%
326	19.177	19.141	19.226	VV	20640	503815	8.91%	0.635%
327	19.250	19.226	19.271	VV	8106	164137	2.90%	0.207%
328	19.295	19.271	19.324	VV	10619	226602	4.01%	0.285%
329	19.374	19.324	19.393	VV	14761	357569	6.32%	0.450%
330	19.439	19.393	19.465	VV	57947	1434065	25.35%	1.807%
331	19.488	19.465	19.524	VV	59660	1119568	19.79%	1.410%
332	19.567	19.524	19.596	VV	26262	614290	10.86%	0.774%
333	19.623	19.596	19.649	VV	32172	557340	9.85%	0.702%
334	19.672	19.649	19.700	VV	12475	313874	5.55%	0.395%
335	19.731	19.700	19.762	VV	18288	491251	8.68%	0.619%
336	19.782	19.762	19.800	VV	13725	251333	4.44%	0.317%
337	19.817	19.800	19.833	VV	12708	219572	3.88%	0.277%
338	19.856	19.833	19.879	VV	14611	325336	5.75%	0.410%
339	19.934	19.879	19.954	VV	26045	800110	14.15%	1.008%
340	19.967	19.954	20.010	VV	17808	466567	8.25%	0.588%
341	20.050	20.010	20.086	VV	25172	752172	13.30%	0.948%
342	20.160	20.086	20.190	VV	27836	1282203	22.67%	1.615%
343	20.230	20.190	20.254	VV	29711	872963	15.43%	1.100%
344	20.268	20.254	20.294	VV	19378	430722	7.61%	0.543%
345	20.330	20.294	20.358	VV	17991	630004	11.14%	0.794%
346	20.427	20.358	20.451	VV	28265	1186132	20.97%	1.494%
347	20.471	20.451	20.504	VV	22191	668663	11.82%	0.842%
348	20.620	20.504	20.673	VV	24950	2230042	39.42%	2.809%
349	20.716	20.673	20.731	VV	22248	757474	13.39%	0.954%
350	20.773	20.731	20.827	VV	24489	1323980	23.41%	1.668%
351	20.865	20.827	20.912	VV	23556	1146583	20.27%	1.444%

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352	20.955	20.912	20.998	VV	23389	1114078	19.70%	1.404%
353	21.011	20.998	21.061	VV	20465	717007	12.68%	0.903%
354	21.134	21.061	21.177	VV	17825	1219192	21.55%	1.536%
355	21.193	21.177	21.221	VV	16787	427058	7.55%	0.538%
356	21.239	21.221	21.274	VV	16194	509517	9.01%	0.642%
357	21.389	21.274	21.397	VV	18113	1235987	21.85%	1.557%
358	21.417	21.397	21.454	VV	18283	589625	10.42%	0.743%
359	21.467	21.454	21.553	VV	16020	827377	14.63%	1.042%
360	21.601	21.553	21.633	VV	12776	589886	10.43%	0.743%
361	21.653	21.633	21.674	VV	11643	278363	4.92%	0.351%
362	21.717	21.674	21.748	VV	13003	533050	9.42%	0.672%
363	21.755	21.748	21.769	VV	11493	147119	2.60%	0.185%
364	21.777	21.769	21.811	VV	11137	267330	4.73%	0.337%
365	21.849	21.811	21.861	VV	10982	313780	5.55%	0.395%
366	21.881	21.861	21.945	VV	10988	450870	7.97%	0.568%
367	21.962	21.945	21.971	VV	6127	96129	1.70%	0.121%
368	21.981	21.971	21.997	VV	5937	90668	1.60%	0.114%
369	22.012	21.997	22.028	VV	5503	98450	1.74%	0.124%
370	22.057	22.028	22.078	VV	5320	151763	2.68%	0.191%
371	22.102	22.078	22.150	VV	5173	162785	2.88%	0.205%
372	22.199	22.150	22.240	VV	2300	96279	1.70%	0.121%
373	22.290	22.240	22.318	VV	2999	84568	1.50%	0.107%
374	22.336	22.318	22.365	VV	1252	23520	0.42%	0.030%
			Sum of corrected areas:			79376959		

Aliphatic EPH 062725.M Tue Jul 08 05:07:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016227.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 15:02
Operator : YP\AJ
Sample : PB168738BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BL

Integration File: autoint1.e
Quant Time: Jul 08 02:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.103	5903658	45.756 ug/ml
Spiked Amount 50.000		Recovery =	91.51%
12) S 1-chlorooctadecane (S...	13.547	4722752	46.869 ug/ml
Spiked Amount 50.000		Recovery =	93.74%
Target Compounds			

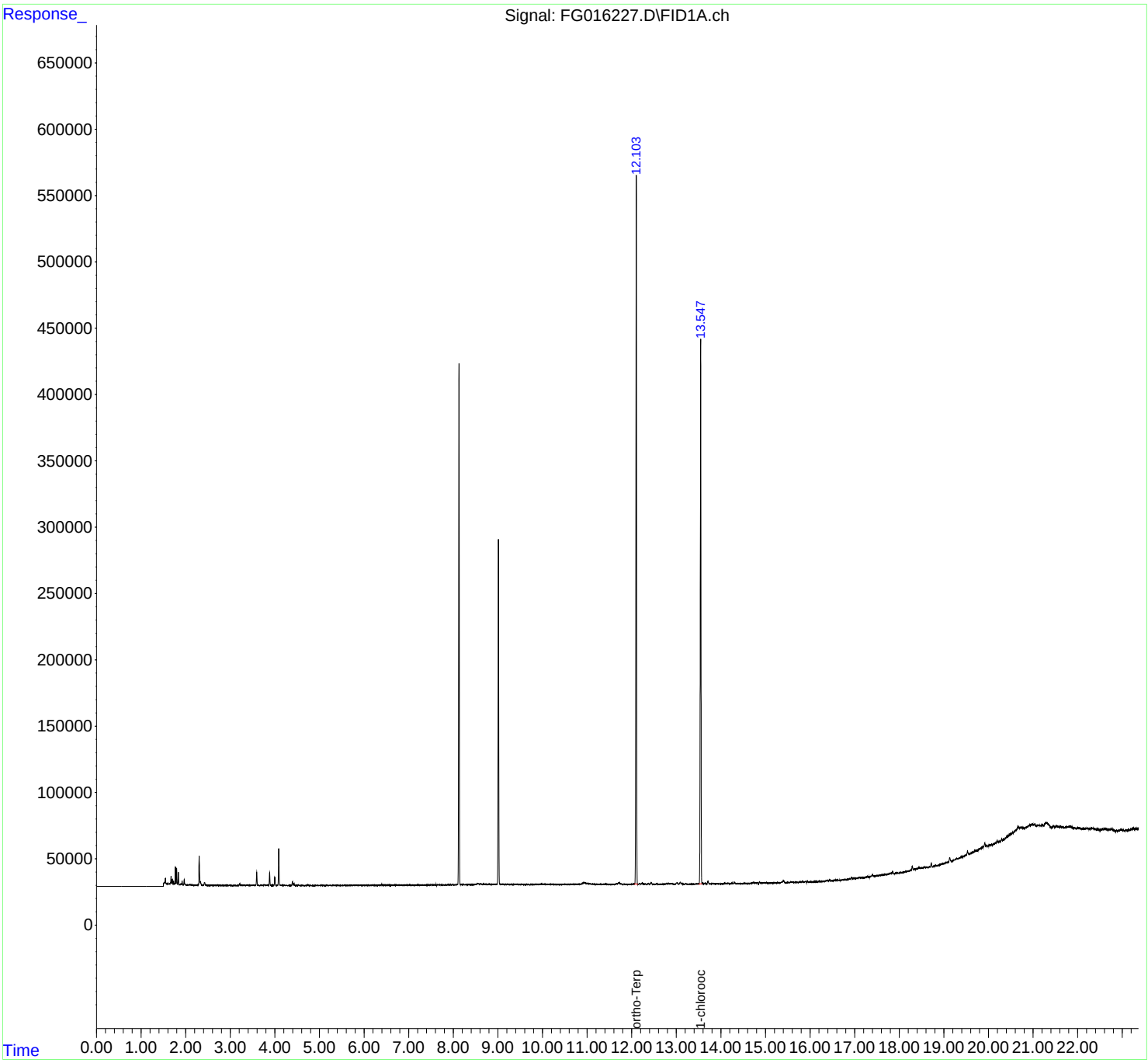
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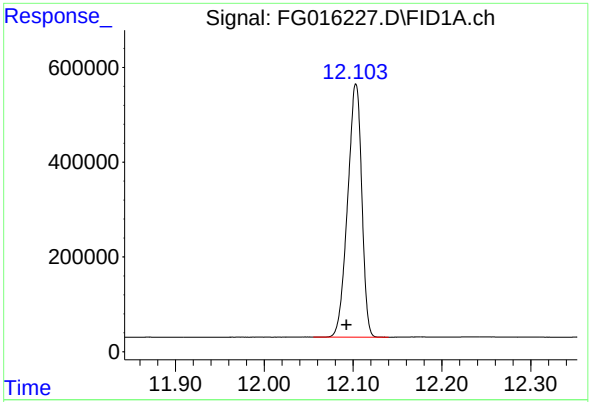
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016227.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 15:02
Operator : YP\AJ
Sample : PB168738BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BL

Integration File: autoint1.e
Quant Time: Jul 08 02:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

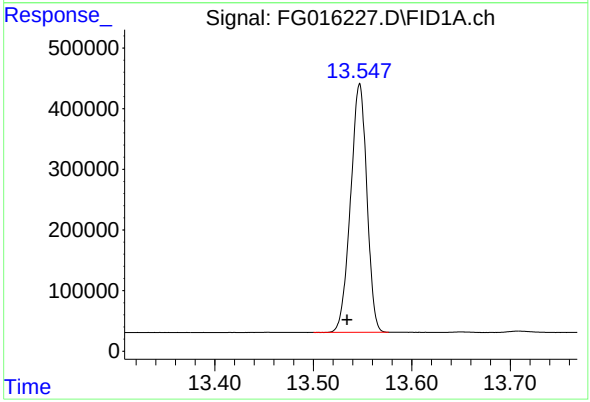




#9 ortho-Terphenyl (SURR)

R.T.: 12.103 min
Delta R.T.: 0.011 min
Response: 5903658
Conc: 45.76 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168738BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.547 min
Delta R.T.: 0.013 min
Response: 4722752
Conc: 46.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016227.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 15:02
Sample : PB168738BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.103	12.055	12.140	BB	534244	5903658	100.00%	55.556%
2	13.547	13.500	13.577	BB	409721	4722752	80.00%	44.444%
			Sum of corrected areas:			10626410		

Aliphatic EPH 061325.M Tue Jul 08 06:12:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016239.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:54
Operator : YP\AJ
Sample : PB168738BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BS

Integration File: autoint1.e
Quant Time: Jul 09 03:56:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.096	3298568	25.565 ug/ml
Spiked Amount	50.000		Recovery =	51.13%
12) S	1-chlorooctadecane (S...	13.542	2659381	26.392 ug/ml
Spiked Amount	50.000		Recovery =	52.78%
	Target Compounds			
1) T	n-Nonane (C9)	3.417	2638994	24.391 ug/ml
2) T	n-Decane (C10)	4.677	2786828	25.406 ug/ml
3) T	A~Naphthalene (C11.7)	6.393	3496326	29.263 ug/ml
4) T	n-Dodecane (C12)	6.856	2974448	27.013 ug/ml
5) T	A~2-methylnaphthalene...	7.497	3399505	29.228 ug/ml
6) T	n-Tetradecane (C14)	8.698	3180835	28.964 ug/ml
7) T	n-Hexadecane (C16)	10.317	3325430	29.214 ug/ml
8) T	n-Octadecane (C18)	11.772	3347675	28.756 ug/ml
10) T	n-Eicosane (C20)	13.093	3473916	30.524 ug/ml
11) T	n-Heneicosane (C21)	13.709	3355441	29.638 ug/ml
13) T	n-Docosane (C22)	14.300	3324684	29.246 ug/ml
14) T	n-Tetracosane (C24)	15.401	6803257	58.999 ug/ml
15) T	n-Hexacosane (C26)	16.441	3213551	27.925 ug/ml
16) T	n-Octacosane (C28)	17.395	3112347	27.424 ug/ml
17) T	n-Tricontane (C30)	18.289	3057763	26.708 ug/ml
18) T	n-Dotriacontane (C32)	19.125	2970222	27.242 ug/ml
19) T	n-Tetratriacontane (C34)	19.914	3049388	30.822 ug/ml
20) T	n-Hexatriacontane (C36)	20.660	2886567	34.008 ug/ml
21) T	n-Octatriacontane (C38)	21.451	2906168	38.496 ug/ml
22) T	n-Tetracontane (C40)	22.457	2886900	41.749 ug/ml

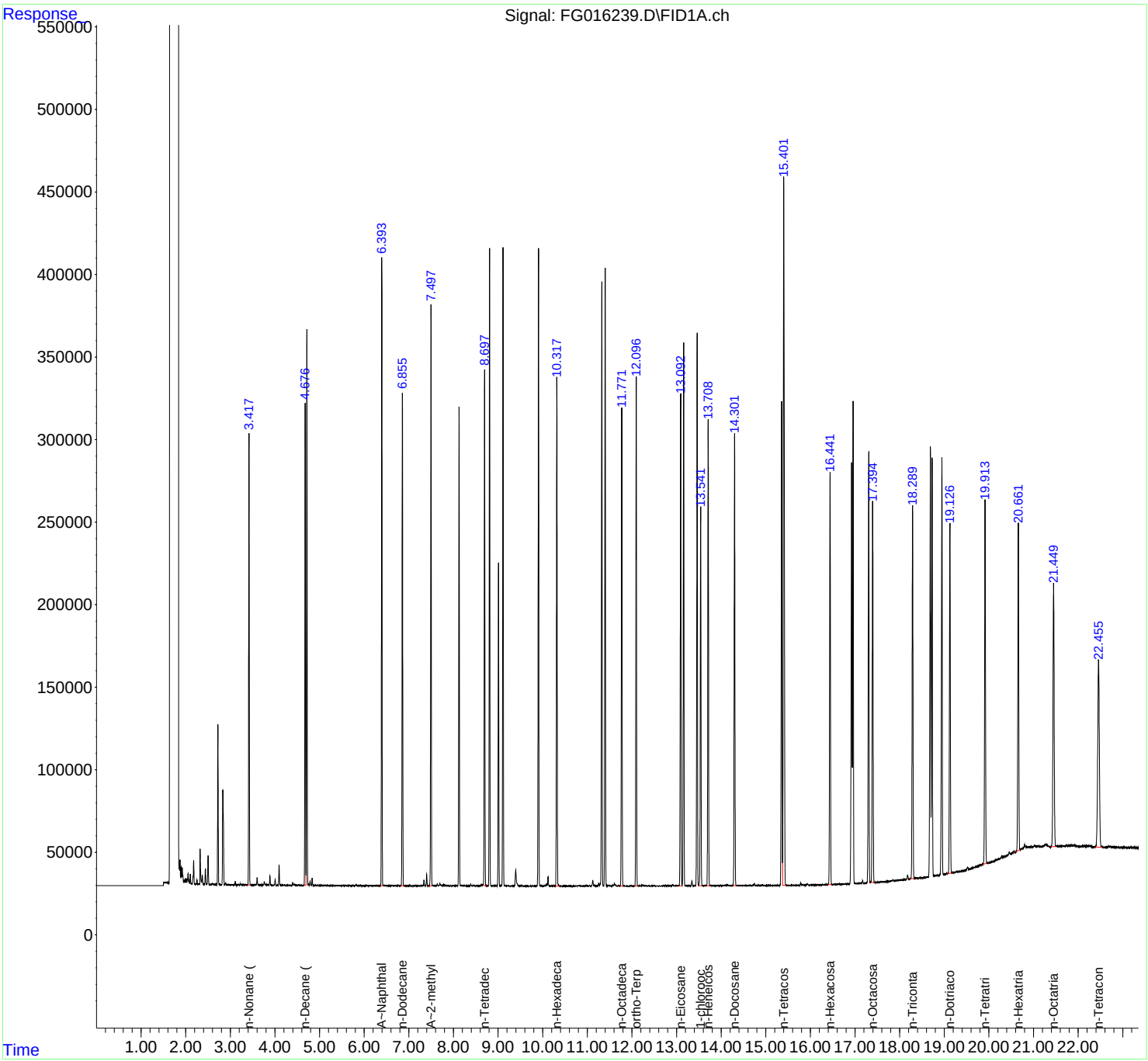
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016239.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:54
Operator : YP\AJ
Sample : PB168738BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BS

Integration File: autoint1.e
Quant Time: Jul 09 03:56:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016239.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:54
Sample : PB168738BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.417	3.382	3.456	BB	273197	2638994	38.79%	2.106%
2	4.677	4.643	4.696	BV	291455	2786828	40.96%	2.224%
3	4.715	4.696	4.744	VB	336319	3167121	46.55%	2.527%
4	6.393	6.360	6.428	BB	378833	3496326	51.39%	2.790%
5	6.856	6.818	6.900	BB	298804	2974448	43.72%	2.374%
6	7.497	7.452	7.532	BB	352102	3399505	49.97%	2.713%
7	8.698	8.667	8.742	BB	311833	3180835	46.75%	2.538%
8	8.810	8.776	8.849	BB	385897	3785907	55.65%	3.021%
9	9.112	9.080	9.155	BB	384803	3799816	55.85%	3.032%
10	9.907	9.871	9.937	BB	385520	3890376	57.18%	3.104%
11	10.317	10.284	10.375	BB	308121	3325430	48.88%	2.654%
12	11.325	11.270	11.364	VV	365724	3842674	56.48%	3.066%
13	11.400	11.364	11.443	PB	373981	3838080	56.42%	3.063%
14	11.772	11.729	11.806	BB	289150	3347675	49.21%	2.671%
15	12.096	12.062	12.140	BB	307908	3298568	48.49%	2.632%
16	13.093	13.055	13.125	BV	297655	3473916	51.06%	2.772%
17	13.160	13.125	13.191	VB	329155	3710206	54.54%	2.961%
18	13.463	13.420	13.495	BV	334339	3681306	54.11%	2.938%
19	13.542	13.495	13.575	VB	229042	2659381	39.09%	2.122%
20	13.709	13.670	13.759	BB	281944	3355441	49.32%	2.678%
21	14.300	14.262	14.349	BB	272994	3324684	48.87%	2.653%
22	15.356	15.314	15.375	BV	292353	3516489	51.69%	2.806%
23	15.401	15.375	15.457	VB	429079	6803257	100.00%	5.429%
24	16.441	16.390	16.480	BB	249480	3213551	47.24%	2.564%
25	16.924	16.866	16.939	BV	254495	3373209	49.58%	2.692%
26	16.958	16.939	16.997	VB	291976	3362380	49.42%	2.683%
27	17.308	17.250	17.340	BB	260112	3262897	47.96%	2.604%
28	17.395	17.354	17.441	BB	229512	3112347	45.75%	2.484%
29	18.289	18.227	18.327	BB	225997	3057763	44.95%	2.440%
30	18.689	18.631	18.704	BV	259940	3452511	50.75%	2.755%
31	18.727	18.704	18.774	VB	253417	3296772	48.46%	2.631%
32	18.947	18.886	18.991	BB	251850	3189475	46.88%	2.545%
33	19.125	19.070	19.175	BB	211586	2970222	43.66%	2.370%
34	19.914	19.855	19.955	BB	220423	3049388	44.82%	2.433%
35	20.660	20.592	20.701	BB	197467	2886567	42.43%	2.303%
36	21.451	21.382	21.510	BB	159556	2906168	42.72%	2.319%

rteres
37 22.457 22.380 22.545 BB 113016 2886900 42.43% 2.304%
Sum of corrected areas: 125317411

Aliphatic EPH 061325.M Wed Jul 09 04:28:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016240.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:25
Operator : YP\AJ
Sample : PB168738BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BSD

Integration File: autoint1.e
Quant Time: Jul 09 03:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	12.095	3322275	25.749 ug/ml
Spiked Amount	50.000		Recovery =	51.50%
12) S	1-chlorooctadecane (S...	13.540	2674882	26.546 ug/ml
Spiked Amount	50.000		Recovery =	53.09%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	2646371	24.459 ug/ml
2) T	n-Decane (C10)	4.677	2794487	25.476 ug/ml
3) T	A~Naphthalene (C11.7)	6.393	3513038	29.403 ug/ml
4) T	n-Dodecane (C12)	6.855	2988389	27.140 ug/ml
5) T	A~2-methylnaphthalene...	7.496	3418085	29.388 ug/ml
6) T	n-Tetradecane (C14)	8.697	3204072	29.176 ug/ml
7) T	n-Hexadecane (C16)	10.317	3341881	29.358 ug/ml
8) T	n-Octadecane (C18)	11.771	3367247	28.924 ug/ml
10) T	n-Eicosane (C20)	13.091	3493085	30.692 ug/ml
11) T	n-Heneicosane (C21)	13.708	3364111	29.715 ug/ml
13) T	n-Docosane (C22)	14.298	3339638	29.377 ug/ml
14) T	n-Tetracosane (C24)	15.401	6815566	59.106 ug/ml
15) T	n-Hexacosane (C26)	16.439	3230481	28.072 ug/ml
16) T	n-Octacosane (C28)	17.394	3123838	27.525 ug/ml
17) T	n-Tricontane (C30)	18.288	3075107	26.859 ug/ml
18) T	n-Dotriacontane (C32)	19.124	2992650	27.448 ug/ml
19) T	n-Tetratriacontane (C34)	19.914	3070557	31.036 ug/ml
20) T	n-Hexatriacontane (C36)	20.658	2899455	34.160 ug/ml
21) T	n-Octatriacontane (C38)	21.450	2918561	38.660 ug/ml
22) T	n-Tetracontane (C40)	22.457	2882837	41.690 ug/ml

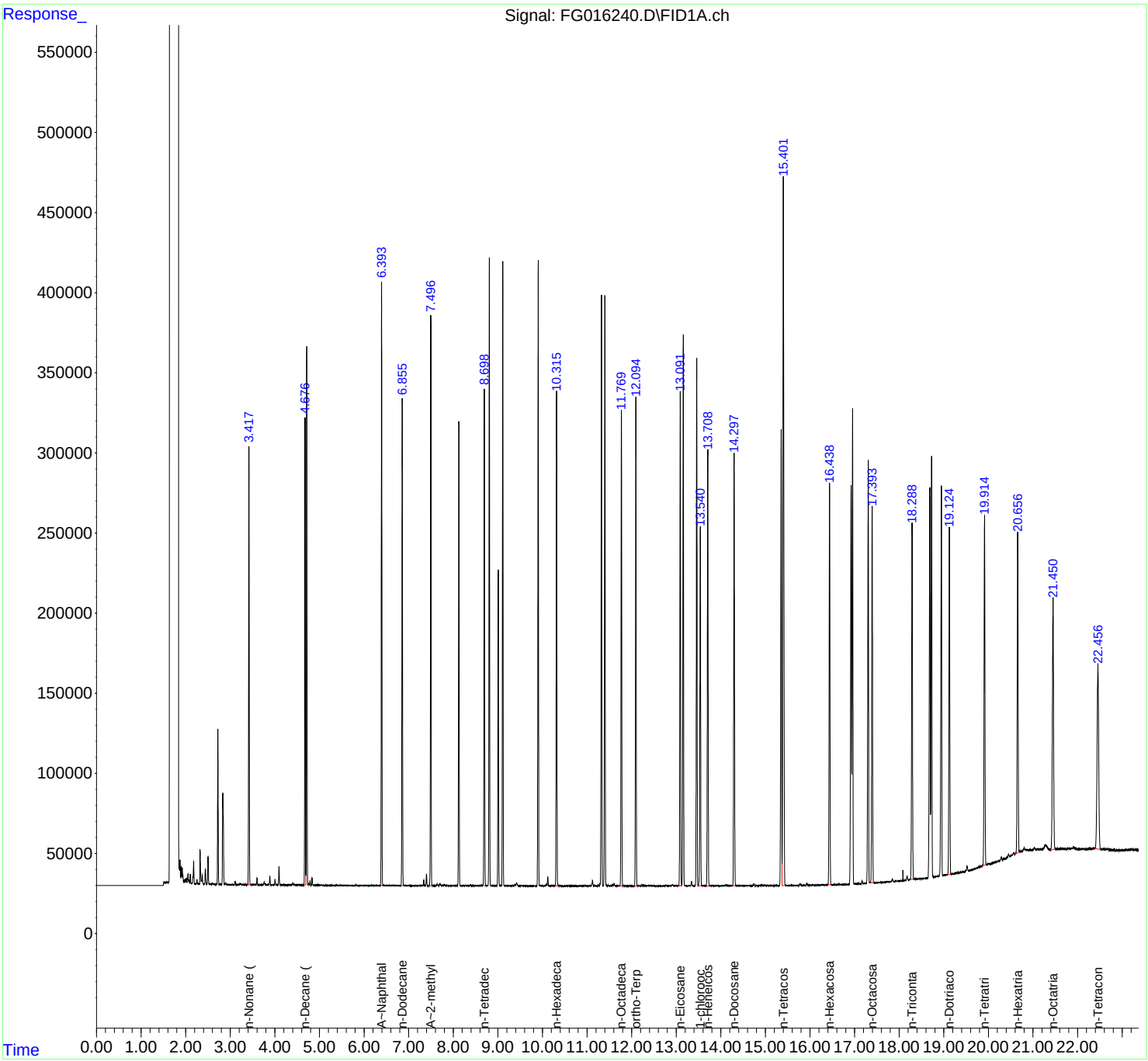
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016240.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:25
Operator : YP\AJ
Sample : PB168738BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BSD

Integration File: autoint1.e
Quant Time: Jul 09 03:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016240.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:25
Sample : PB168738BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.418	3.375	3.462	BB	273536	2646371	38.83%	2.102%
2	4.677	4.643	4.696	BV	291797	2794487	41.00%	2.220%
3	4.715	4.696	4.743	VB	336070	3174970	46.58%	2.522%
4	6.393	6.362	6.424	BB	376483	3513038	51.54%	2.790%
5	6.855	6.824	6.896	BB	303996	2988389	43.85%	2.374%
6	7.496	7.458	7.527	BB	354486	3418085	50.15%	2.715%
7	8.697	8.656	8.738	BB	309926	3204072	47.01%	2.545%
8	8.809	8.777	8.855	BB	390751	3813336	55.95%	3.029%
9	9.111	9.076	9.148	BB	386942	3826475	56.14%	3.039%
10	9.906	9.872	9.939	BB	389801	3921035	57.53%	3.114%
11	10.317	10.283	10.367	BB	308012	3341881	49.03%	2.654%
12	11.324	11.232	11.357	BV	366548	3877278	56.89%	3.080%
13	11.400	11.357	11.438	PB	368601	3867290	56.74%	3.072%
14	11.771	11.731	11.814	BB	294296	3367247	49.41%	2.674%
15	12.095	12.057	12.138	BB	303774	3322275	48.75%	2.639%
16	13.091	13.056	13.124	BV	307977	3493085	51.25%	2.774%
17	13.159	13.124	13.188	VB	344093	3728881	54.71%	2.962%
18	13.460	13.421	13.488	BV	328668	3699137	54.27%	2.938%
19	13.540	13.488	13.581	VB	223984	2674882	39.25%	2.125%
20	13.708	13.671	13.752	BB	271797	3364111	49.36%	2.672%
21	14.298	14.262	14.340	BB	269831	3339638	49.00%	2.653%
22	15.353	15.312	15.374	BV	284355	3519018	51.63%	2.795%
23	15.401	15.374	15.458	VB	442553	6815566	100.00%	5.413%
24	16.439	16.401	16.489	BB	250327	3230481	47.40%	2.566%
25	16.922	16.865	16.937	BV	248157	3378067	49.56%	2.683%
26	16.956	16.937	16.989	VB	296429	3352367	49.19%	2.663%
27	17.307	17.254	17.338	BB	262068	3262479	47.87%	2.591%
28	17.394	17.352	17.442	BB	233498	3123838	45.83%	2.481%
29	18.288	18.233	18.325	BB	222509	3075107	45.12%	2.442%
30	18.687	18.628	18.703	BV	242738	3475737	51.00%	2.761%
31	18.726	18.703	18.771	VB	262256	3324070	48.77%	2.640%
32	18.946	18.881	18.992	BB	242872	3207060	47.05%	2.547%
33	19.124	19.067	19.166	BB	216607	2992650	43.91%	2.377%
34	19.914	19.859	19.953	BB	218241	3070557	45.05%	2.439%
35	20.658	20.589	20.697	BB	197780	2899455	42.54%	2.303%
36	21.450	21.383	21.510	BB	157440	2918561	42.82%	2.318%

rteres

37	22.457	22.379	22.531	BB	115749	2882837	42.30%	2.290%

Sum of corrected areas: 125903812

Aliphatic EPH 061325.M Wed Jul 09 04:28:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016232.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 17:31
Operator : YP\AJ
Sample : Q2515-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
WC-1MS

Integration File: autoint1.e
Quant Time: Jul 08 02:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.098	4471160	34.653 ug/ml
Spiked Amount	50.000		Recovery =	69.31%
12)	S 1-chlorooctadecane (S...	13.543	3810382	37.815 ug/ml
Spiked Amount	50.000		Recovery =	75.63%
	Target Compounds			
1)	T n-Nonane (C9)	3.415	3409658	31.513 ug/ml
2)	T n-Decane (C10)	4.678	3924306	35.776 ug/ml
3)	T A~Naphthalene (C11.7)	6.395	5051953	42.283 ug/ml
4)	T n-Dodecane (C12)	6.857	4378049	39.760 ug/ml
5)	T A~2-methylnaphthalene...	7.499	4999162	42.982 ug/ml
6)	T n-Tetradecane (C14)	8.700	4881221	44.448 ug/ml
7)	T n-Hexadecane (C16)	10.319	5434224	47.740 ug/ml
8)	T n-Octadecane (C18)	11.774	5666153	48.672 ug/ml
10)	T n-Eicosane (C20)	13.095	5942420	52.213 ug/ml
11)	T n-Heneicosane (C21)	13.711	5732203	50.632 ug/ml
13)	T n-Docosane (C22)	14.301	5712622	50.251 ug/ml
14)	T n-Tetracosane (C24)	15.409	11696433	101.434 ug/ml
15)	T n-Hexacosane (C26)	16.442	5525379	48.014 ug/ml
16)	T n-Octacosane (C28)	17.397	5335357	47.011 ug/ml
17)	T n-Tricontane (C30)	18.292	5257970	45.925 ug/ml
18)	T n-Dotriacontane (C32)	19.129	5097267	46.751 ug/ml
19)	T n-Tetratriacontane (C34)	19.917	5238175	52.946 ug/ml
20)	T n-Hexatriacontane (C36)	20.662	4950374	58.322 ug/ml
21)	T n-Octatriacontane (C38)	21.454	4936826	65.395 ug/ml
22)	T n-Tetracontane (C40)	22.463	4871960	70.456 ug/ml

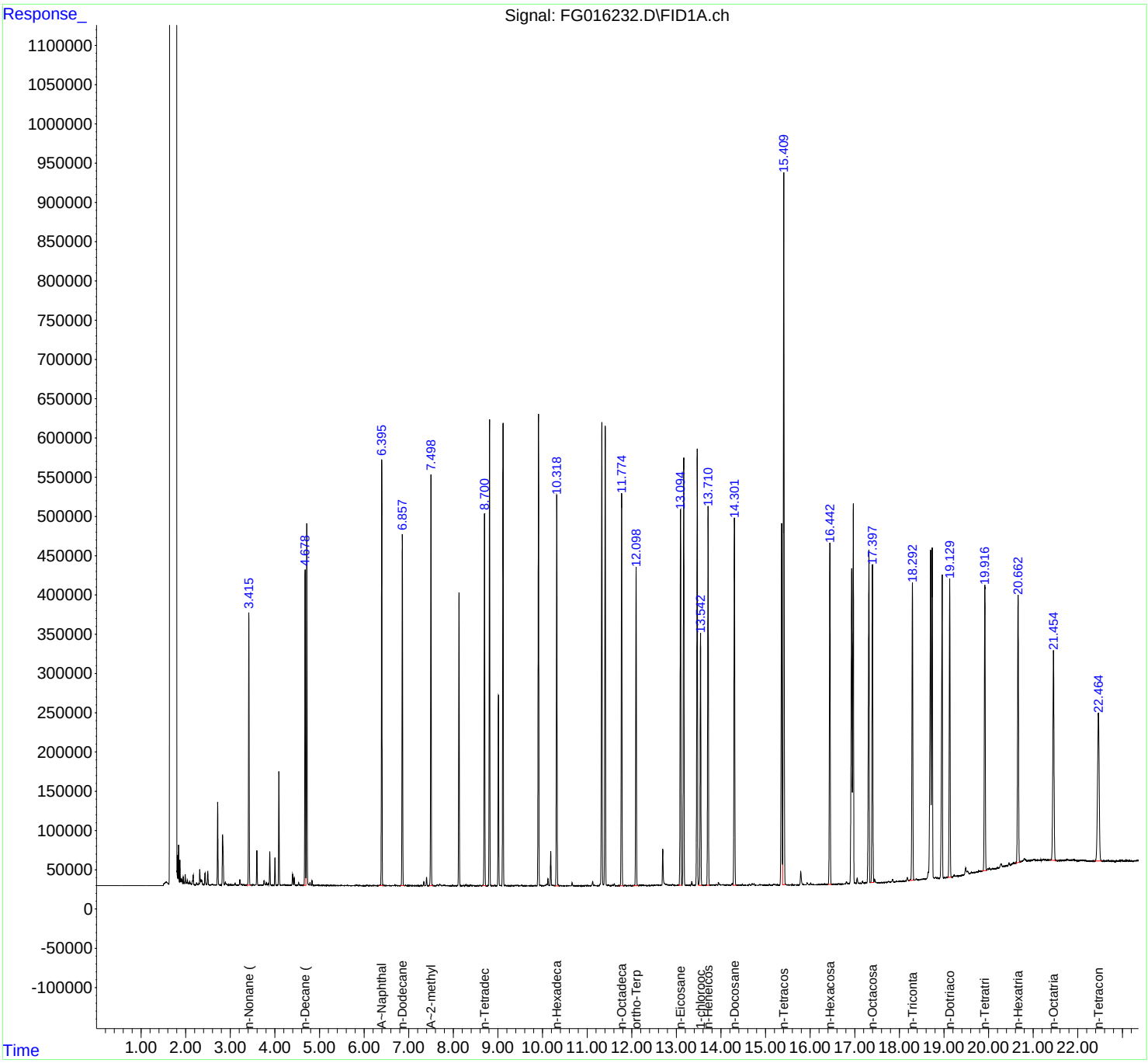
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016232.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 17:31
Operator : YP\AJ
Sample : Q2515-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
WC-1MS

Integration File: autoint1.e
Quant Time: Jul 08 02:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016232.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 17:31
Sample : Q2515-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.308	3.295	3.344	PV	259	2599	0.02%	0.001%
2	3.360	3.344	3.375	PV	116	1640	0.01%	0.001%
3	3.415	3.375	3.455	VV	346798	3415001	29.15%	1.522%
4	3.469	3.455	3.491	VV	314	4537	0.04%	0.002%
5	3.509	3.491	3.532	VV	600	7457	0.06%	0.003%
6	3.548	3.532	3.567	VV	322	5533	0.05%	0.002%
7	3.595	3.567	3.649	VV	44264	413007	3.53%	0.184%
8	3.683	3.649	3.720	VV	498	10311	0.09%	0.005%
9	3.756	3.720	3.788	VV	6025	69160	0.59%	0.031%
10	3.806	3.788	3.826	VV	2984	35652	0.30%	0.016%
11	3.851	3.826	3.864	VV	2623	33523	0.29%	0.015%
12	3.885	3.864	3.920	VV	42853	389581	3.33%	0.174%
13	3.932	3.920	3.974	VV	76	1626	0.01%	0.001%
14	4.001	3.974	4.044	VV	35056	313958	2.68%	0.140%
15	4.089	4.044	4.160	VV	143665	1293584	11.04%	0.577%
16	4.183	4.160	4.199	VV	730	9719	0.08%	0.004%
17	4.214	4.199	4.238	VV	604	9044	0.08%	0.004%
18	4.264	4.238	4.345	VV	504	17755	0.15%	0.008%
19	4.359	4.345	4.367	VV	354	3533	0.03%	0.002%
20	4.398	4.367	4.418	VV	14435	168671	1.44%	0.075%
21	4.434	4.418	4.508	VV	9723	95591	0.82%	0.043%
22	4.533	4.508	4.549	VV	4023	37777	0.32%	0.017%
23	4.558	4.549	4.581	VV	871	8947	0.08%	0.004%
24	4.594	4.581	4.606	VV	199	2641	0.02%	0.001%
25	4.678	4.606	4.696	VV	403390	3932750	33.57%	1.753%
26	4.715	4.696	4.769	VV	460207	4444878	37.94%	1.981%
27	4.787	4.769	4.810	VV	3815	39285	0.34%	0.018%
28	4.833	4.810	4.861	VV	6370	62313	0.53%	0.028%
29	4.873	4.861	4.878	VV	142	1155	0.01%	0.001%
30	4.894	4.878	4.934	VV	201	4555	0.04%	0.002%
31	4.954	4.934	4.976	VV	1098	11466	0.10%	0.005%
32	4.989	4.976	5.019	VV	252	3334	0.03%	0.001%
33	5.044	5.019	5.067	VV	209	4145	0.04%	0.002%
34	5.091	5.067	5.115	VV	200	3558	0.03%	0.002%
35	5.136	5.115	5.158	VV	133	2416	0.02%	0.001%
36	5.192	5.158	5.245	VV	230	6891	0.06%	0.003%

rteres

37	5.259	5.245	5.279	VV	125	2115	0.02%	0.001%
38	5.305	5.279	5.321	VV	620	7562	0.06%	0.003%
39	5.335	5.321	5.371	VV	237	5070	0.04%	0.002%
40	5.385	5.371	5.411	VV	247	3661	0.03%	0.002%
41	5.434	5.411	5.454	VV	259	3881	0.03%	0.002%
42	5.466	5.454	5.485	VV	214	2279	0.02%	0.001%
43	5.498	5.485	5.514	PV	145	1709	0.01%	0.001%
44	5.547	5.514	5.567	VV	219	4281	0.04%	0.002%
45	5.581	5.567	5.605	VV	294	3353	0.03%	0.001%
46	5.620	5.605	5.644	VV	470	5330	0.05%	0.002%
47	5.659	5.644	5.718	VV	137	4227	0.04%	0.002%
48	5.731	5.718	5.742	VV	101	1100	0.01%	0.000%
49	5.766	5.742	5.785	VV	137	2098	0.02%	0.001%
50	5.818	5.785	5.837	PV	1367	14731	0.13%	0.007%
51	5.849	5.837	5.869	VV	457	5096	0.04%	0.002%
52	5.884	5.869	5.904	VV	344	4370	0.04%	0.002%
53	5.917	5.904	5.936	VV	294	3451	0.03%	0.002%
54	5.945	5.936	6.015	VV	142	3229	0.03%	0.001%
55	6.022	6.015	6.036	VV	71	698	0.01%	0.000%
56	6.055	6.036	6.108	VV	522	10505	0.09%	0.005%
57	6.135	6.108	6.159	VV	312	4216	0.04%	0.002%
58	6.185	6.159	6.214	VV	351	4959	0.04%	0.002%
59	6.232	6.214	6.258	VV	441	5446	0.05%	0.002%
60	6.273	6.258	6.307	VV	217	3288	0.03%	0.001%
61	6.327	6.307	6.338	VV	237	2956	0.03%	0.001%
62	6.395	6.338	6.431	VV	539575	5062325	43.21%	2.257%
63	6.444	6.431	6.484	VV	545	11448	0.10%	0.005%
64	6.500	6.484	6.528	VV	344	5917	0.05%	0.003%
65	6.564	6.528	6.588	VV	302	6488	0.06%	0.003%
66	6.598	6.588	6.611	VV	180	1873	0.02%	0.001%
67	6.634	6.611	6.668	VV	260	5517	0.05%	0.002%
68	6.690	6.668	6.726	VV	1062	15603	0.13%	0.007%
69	6.740	6.726	6.759	VV	309	4369	0.04%	0.002%
70	6.787	6.759	6.812	VV	244	4488	0.04%	0.002%
71	6.857	6.812	6.912	VV	445635	4385872	37.43%	1.955%
72	6.928	6.912	6.972	VV	864	11449	0.10%	0.005%
73	7.007	6.972	7.042	VV	361	6972	0.06%	0.003%
74	7.147	7.042	7.212	PV	195	9106	0.08%	0.004%
75	7.225	7.212	7.240	VV	145	1314	0.01%	0.001%
76	7.280	7.240	7.299	VV	383	5228	0.04%	0.002%
77	7.339	7.299	7.370	VV	5174	50991	0.44%	0.023%
78	7.400	7.370	7.447	VV	10744	107174	0.91%	0.048%
79	7.499	7.447	7.612	VV	520832	5017304	42.82%	2.237%
80	7.637	7.612	7.674	VV	1723	24912	0.21%	0.011%
81	7.696	7.674	7.712	VV	2032	26228	0.22%	0.012%
82	7.722	7.712	7.752	VV	1065	12578	0.11%	0.006%
83	7.774	7.752	7.792	VV	944	11259	0.10%	0.005%
84	7.807	7.792	7.829	VV	1394	14938	0.13%	0.007%
85	7.865	7.829	7.888	VV	410	9051	0.08%	0.004%
86	7.899	7.888	7.961	VV	290	5267	0.04%	0.002%
87	7.987	7.961	8.007	PV	596	6934	0.06%	0.003%
88	8.029	8.007	8.082	VV	458	7967	0.07%	0.004%
89	8.180	8.175	8.201	VV	136	1355	0.01%	0.001%

rteres

90	8.240	8.201	8.255	VV	466	9358	0.08%	0.004%
91	8.270	8.255	8.285	VV	662	7800	0.07%	0.003%
92	8.294	8.285	8.338	VV	495	7785	0.07%	0.003%
93	8.342	8.338	8.368	VV	148	1832	0.02%	0.001%
94	8.388	8.368	8.418	VV	1236	14630	0.12%	0.007%
95	8.444	8.418	8.483	VV	738	10552	0.09%	0.005%
96	8.492	8.483	8.502	VV	89	1015	0.01%	0.000%
97	8.558	8.502	8.567	VV	185	4531	0.04%	0.002%
98	8.589	8.567	8.620	VV	419	9240	0.08%	0.004%
99	8.700	8.620	8.739	VV	471893	4901218	41.83%	2.185%
100	8.754	8.739	8.770	VV	282	4216	0.04%	0.002%
101	8.813	8.770	8.868	VV	584487	5745310	49.04%	2.561%
102	8.884	8.868	8.902	VV	354	4928	0.04%	0.002%
103	8.928	8.902	8.963	VV	577	8798	0.08%	0.004%
104	9.051	9.045	9.077	VV	368	6267	0.05%	0.003%
105	9.115	9.077	9.149	VV	590050	5876942	50.16%	2.620%
106	9.172	9.149	9.219	VV	536	10712	0.09%	0.005%
107	9.236	9.219	9.279	VV	272	4817	0.04%	0.002%
108	9.307	9.279	9.362	VV	527	9369	0.08%	0.004%
109	9.386	9.362	9.404	VV	1106	13196	0.11%	0.006%
110	9.426	9.404	9.500	VV	947	21207	0.18%	0.009%
111	9.529	9.500	9.546	VV	854	9705	0.08%	0.004%
112	9.558	9.546	9.607	VV	261	4873	0.04%	0.002%
113	9.628	9.607	9.673	VV	359	4748	0.04%	0.002%
114	9.678	9.673	9.688	VV	71	306	0.00%	0.000%
115	9.718	9.688	9.737	VV	154	2214	0.02%	0.001%
116	9.748	9.737	9.757	VV	127	1068	0.01%	0.000%
117	9.774	9.757	9.814	VV	260	4397	0.04%	0.002%
118	9.831	9.814	9.845	VV	551	3113	0.03%	0.001%
119	9.910	9.845	9.940	PV	600937	6248064	53.33%	2.785%
120	9.951	9.940	9.989	VV	702	12594	0.11%	0.006%
121	10.009	9.989	10.031	VV	416	7136	0.06%	0.003%
122	10.055	10.031	10.067	VV	592	8125	0.07%	0.004%
123	10.090	10.067	10.105	VV	2125	29693	0.25%	0.013%
124	10.122	10.105	10.157	VV	9194	97819	0.83%	0.044%
125	10.184	10.157	10.235	VV	44260	466686	3.98%	0.208%
126	10.251	10.235	10.276	VV	682	8572	0.07%	0.004%
127	10.319	10.276	10.384	VV	496632	5437039	46.41%	2.424%
128	10.407	10.384	10.454	VV	601	9841	0.08%	0.004%
129	10.486	10.454	10.524	VV	264	4990	0.04%	0.002%
130	10.544	10.524	10.562	VV	188	2627	0.02%	0.001%
131	10.574	10.562	10.584	VV	274	3029	0.03%	0.001%
132	10.597	10.584	10.632	VV	466	5291	0.05%	0.002%
133	10.662	10.632	10.689	PV	4188	43560	0.37%	0.019%
134	10.710	10.689	10.724	VV	232	3427	0.03%	0.002%
135	10.761	10.724	10.783	VV	361	6898	0.06%	0.003%
136	10.835	10.783	10.902	VV	253	10110	0.09%	0.005%
137	10.912	10.902	10.922	VV	100	1042	0.01%	0.000%
138	10.965	10.922	10.999	VV	381	9811	0.08%	0.004%
139	11.016	10.999	11.040	VV	390	5802	0.05%	0.003%
140	11.061	11.040	11.087	VV	442	5820	0.05%	0.003%
141	11.124	11.087	11.149	VV	5711	73713	0.63%	0.033%

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142	11.165	11.149	11.187	VV	606	9574	0.08%	0.004%
143	11.204	11.187	11.235	VV	320	6077	0.05%	0.003%
144	11.257	11.235	11.267	VV	215	3142	0.03%	0.001%
145	11.329	11.267	11.368	VV	587671	6479603	55.31%	2.888%
146	11.405	11.368	11.458	VV	583951	6504222	55.52%	2.899%
147	11.477	11.458	11.498	VV	1038	14345	0.12%	0.006%
148	11.509	11.498	11.543	VV	398	6960	0.06%	0.003%
149	11.573	11.543	11.592	VV	1361	17691	0.15%	0.008%
150	11.609	11.592	11.646	VV	2792	30260	0.26%	0.013%
151	11.661	11.646	11.681	VV	55	992	0.01%	0.000%
152	11.700	11.681	11.728	VV	311	4579	0.04%	0.002%
153	11.774	11.728	11.812	VV	499534	5669885	48.39%	2.528%
154	11.852	11.812	11.892	VV	525	12956	0.11%	0.006%
155	11.935	11.892	11.951	VV	289	6248	0.05%	0.003%
156	11.967	11.951	11.990	VV	348	4514	0.04%	0.002%
157	12.021	11.990	12.038	VV	209	2676	0.02%	0.001%
158	12.098	12.038	12.146	VV	405931	4476222	38.21%	1.995%
159	12.191	12.146	12.209	VV	548	14158	0.12%	0.006%
160	12.229	12.209	12.269	VV	1110	22119	0.19%	0.010%
161	12.282	12.269	12.294	VV	474	5271	0.04%	0.002%
162	12.308	12.294	12.344	VV	450	7069	0.06%	0.003%
163	12.380	12.344	12.410	PV	416	6522	0.06%	0.003%
164	12.449	12.410	12.475	VV	432	10079	0.09%	0.004%
165	12.493	12.475	12.523	VV	677	15335	0.13%	0.007%
166	12.559	12.523	12.648	VV	1033	49492	0.42%	0.022%
167	12.696	12.648	12.862	VV	46473	661402	5.65%	0.295%
168	12.881	12.862	12.890	VV	671	9515	0.08%	0.004%
169	12.916	12.890	12.972	VV	1670	35155	0.30%	0.016%
170	12.987	12.972	12.999	VV	299	4447	0.04%	0.002%
171	13.033	12.999	13.055	VV	633	13883	0.12%	0.006%
172	13.095	13.055	13.127	VV	476741	5960396	50.87%	2.657%
173	13.167	13.127	13.225	VV	541819	6417714	54.78%	2.861%
174	13.241	13.225	13.253	VV	288	3897	0.03%	0.002%
175	13.263	13.253	13.275	VV	247	2803	0.02%	0.001%
176	13.295	13.275	13.318	VV	385	6719	0.06%	0.003%
177	13.346	13.318	13.382	VV	5305	61459	0.52%	0.027%
178	13.468	13.382	13.496	VV	557651	6361777	54.30%	2.836%
179	13.542	13.496	13.618	VV	318959	3825051	32.65%	1.705%
180	13.654	13.618	13.671	VV	465	9787	0.08%	0.004%
181	13.711	13.671	13.749	VV	483494	5747243	49.05%	2.562%
182	13.765	13.749	13.784	VV	624	11048	0.09%	0.005%
183	13.807	13.784	13.818	VV	685	12243	0.10%	0.005%
184	13.826	13.818	13.875	VV	638	17040	0.15%	0.008%
185	13.902	13.875	13.928	VV	1157	22970	0.20%	0.010%
186	13.944	13.928	14.021	VV	3746	76925	0.66%	0.034%
187	14.044	14.021	14.071	VV	868	20151	0.17%	0.009%
188	14.088	14.071	14.118	VV	750	14823	0.13%	0.007%
189	14.140	14.118	14.183	VV	1097	22599	0.19%	0.010%
190	14.201	14.183	14.222	VV	350	6293	0.05%	0.003%
191	14.250	14.222	14.265	VV	2631	33461	0.29%	0.015%
192	14.301	14.265	14.347	VV	465231	5721618	48.84%	2.551%
193	14.360	14.347	14.373	VV	259	3448	0.03%	0.002%
194	14.385	14.373	14.412	VV	230	3670	0.03%	0.002%

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195	14.430	14.412	14.450	VV	305	4725	0.04%	0.002%
196	14.476	14.450	14.515	VV	1039	15241	0.13%	0.007%
197	14.538	14.515	14.577	VV	370	7325	0.06%	0.003%
198	14.589	14.577	14.608	VV	189	1768	0.02%	0.001%
199	14.636	14.608	14.669	VV	1727	24145	0.21%	0.011%
200	14.699	14.669	14.721	VV	2399	35902	0.31%	0.016%
201	14.742	14.721	14.766	VV	2362	31593	0.27%	0.014%
202	14.789	14.766	14.812	VV	231	4665	0.04%	0.002%
203	14.821	14.812	14.838	VV	144	1365	0.01%	0.001%
204	14.869	14.838	14.892	VV	1071	17044	0.15%	0.008%
205	14.904	14.892	14.946	VV	686	12921	0.11%	0.006%
206	14.969	14.946	15.005	VV	427	9275	0.08%	0.004%
207	15.020	15.005	15.055	VV	345	5394	0.05%	0.002%
208	15.086	15.055	15.125	PV	710	11780	0.10%	0.005%
209	15.179	15.125	15.196	VV	1009	16869	0.14%	0.008%
210	15.206	15.196	15.235	VV	633	10652	0.09%	0.005%
211	15.256	15.235	15.288	VV	487	10814	0.09%	0.005%
212	15.299	15.288	15.318	VV	193	2551	0.02%	0.001%
213	15.361	15.318	15.381	VV	457071	6102273	52.08%	2.720%
214	15.409	15.381	15.446	VV	895695	11716094	100.00%	5.223%
215	15.455	15.446	15.488	VV	1254	14983	0.13%	0.007%
216	15.522	15.488	15.557	VV	238	6199	0.05%	0.003%
217	15.591	15.557	15.635	VV	371	9094	0.08%	0.004%
218	15.651	15.635	15.681	VV	308	3890	0.03%	0.002%
219	15.724	15.681	15.748	PV	165	3762	0.03%	0.002%
220	15.790	15.748	15.873	VV	16595	273096	2.33%	0.122%
221	15.888	15.873	15.908	VV	217	3636	0.03%	0.002%
222	15.934	15.908	15.971	VV	2625	42961	0.37%	0.019%
223	16.012	15.971	16.048	VV	1653	27620	0.24%	0.012%
224	16.063	16.048	16.134	VV	457	6485	0.06%	0.003%
225	16.163	16.134	16.180	PV	320	4459	0.04%	0.002%
226	16.185	16.180	16.191	VV	159	1007	0.01%	0.000%
227	16.205	16.191	16.226	VV	200	2452	0.02%	0.001%
228	16.264	16.226	16.290	PV	459	10295	0.09%	0.005%
229	16.316	16.290	16.341	VV	561	10357	0.09%	0.005%
230	16.353	16.341	16.372	VV	242	3140	0.03%	0.001%
231	16.442	16.372	16.482	VV	431662	5536767	47.26%	2.468%
232	16.502	16.482	16.558	VV	518	7007	0.06%	0.003%
233	16.645	16.558	16.678	PV	915	16080	0.14%	0.007%
234	16.694	16.678	16.704	VV	58	683	0.01%	0.000%
235	16.814	16.704	16.858	PV	2767	53184	0.45%	0.024%
236	16.930	16.858	16.947	VV	402812	5908210	50.43%	2.634%
237	16.967	16.947	16.995	VV	487231	5766552	49.22%	2.571%
238	17.005	16.995	17.027	VV	886	12733	0.11%	0.006%
239	17.054	17.027	17.103	VV	7103	103048	0.88%	0.046%
240	17.124	17.103	17.147	VV	611	10018	0.09%	0.004%
241	17.175	17.147	17.209	VV	2949	42148	0.36%	0.019%
242	17.242	17.209	17.263	VV	959	18708	0.16%	0.008%
243	17.317	17.263	17.345	VV	416498	5646274	48.19%	2.517%
244	17.396	17.345	17.428	VV	399334	5377018	45.89%	2.397%
245	17.445	17.428	17.505	VV	4951	80057	0.68%	0.036%
246	17.515	17.505	17.525	VV	143	1327	0.01%	0.001%

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247	17.558	17.525	17.575	VV	106	2492	0.02%	0.001%
248	17.605	17.575	17.624	PV	256	4896	0.04%	0.002%
249	17.639	17.624	17.655	VV	136	1567	0.01%	0.001%
250	17.685	17.655	17.702	VV	164	2502	0.02%	0.001%
251	17.762	17.702	17.800	PV	1290	30417	0.26%	0.014%
252	17.848	17.800	17.892	VV	3537	55660	0.48%	0.025%
253	17.933	17.892	17.968	PV	674	12782	0.11%	0.006%
254	18.010	17.968	18.045	VV	485	12178	0.10%	0.005%
255	18.078	18.045	18.104	VV	549	9037	0.08%	0.004%
256	18.179	18.104	18.205	PV	4494	71895	0.61%	0.032%
257	18.292	18.205	18.328	VV	378967	5285394	45.11%	2.356%
258	18.339	18.328	18.348	VV	532	5601	0.05%	0.002%
259	18.379	18.348	18.425	VV	2084	38306	0.33%	0.017%
260	18.475	18.425	18.492	VV	801	16628	0.14%	0.007%
261	18.537	18.492	18.578	VV	933	30999	0.26%	0.014%
262	18.700	18.578	18.715	VV	409372	6381518	54.47%	2.845%
263	18.737	18.715	18.788	VV	423319	5529666	47.20%	2.465%
264	18.809	18.788	18.832	VV	1546	29031	0.25%	0.013%
265	18.846	18.832	18.897	VV	814	15788	0.13%	0.007%
266	18.959	18.897	18.990	PV	378585	5480312	46.78%	2.443%
267	19.075	18.990	19.083	VV	198	3247	0.03%	0.001%
268	19.129	19.083	19.175	VV	372907	5100412	43.53%	2.274%
269	19.226	19.175	19.269	PV	2081	50233	0.43%	0.022%
270	19.290	19.269	19.312	VV	655	13279	0.11%	0.006%
271	19.485	19.312	19.511	VV	9171	261662	2.23%	0.117%
272	19.528	19.511	19.578	VV	5659	153495	1.31%	0.068%
273	19.617	19.578	19.644	VV	3460	112977	0.96%	0.050%
274	19.670	19.644	19.687	VV	3131	74738	0.64%	0.033%
275	19.726	19.687	19.743	VV	3261	99860	0.85%	0.045%
276	19.781	19.743	19.810	VV	4094	142059	1.21%	0.063%
277	19.828	19.810	19.847	VV	3683	79802	0.68%	0.036%
278	19.917	19.847	19.958	VV	367893	5492308	46.88%	2.448%
279	19.986	19.958	20.002	VV	5775	132829	1.13%	0.059%
280	20.021	20.002	20.055	VV	6038	168541	1.44%	0.075%
281	20.095	20.055	20.119	VV	5410	192462	1.64%	0.086%
282	20.206	20.119	20.225	VV	5693	328027	2.80%	0.146%
283	20.280	20.225	20.313	VV	10460	403548	3.44%	0.180%
284	20.345	20.313	20.364	VV	7070	212327	1.81%	0.095%
285	20.395	20.364	20.408	VV	7302	186937	1.60%	0.083%
286	20.458	20.408	20.489	VV	10609	391975	3.35%	0.175%
287	20.565	20.489	20.587	VV	10289	520809	4.45%	0.232%
288	20.662	20.587	20.708	VV	347946	5641235	48.15%	2.515%
289	20.801	20.708	20.863	VV	13865	1072747	9.16%	0.478%
290	20.906	20.863	20.945	VV	10873	519514	4.43%	0.232%
291	21.029	20.945	21.062	VV	11401	750760	6.41%	0.335%
292	21.079	21.062	21.094	VV	10255	197475	1.69%	0.088%
293	21.108	21.094	21.125	VV	10002	184628	1.58%	0.082%
294	21.142	21.125	21.166	VV	9971	244427	2.09%	0.109%
295	21.176	21.166	21.197	VV	9683	173042	1.48%	0.077%
296	21.232	21.197	21.272	VV	10005	431396	3.68%	0.192%
297	21.282	21.272	21.300	VV	9273	155043	1.32%	0.069%
298	21.324	21.300	21.343	VV	9018	229445	1.96%	0.102%
299	21.353	21.343	21.382	VV	8818	203251	1.73%	0.091%

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300	21.454	21.382	21.553	VV	272974	5710537	48.74%	2.546%
301	21.619	21.553	21.629	VV	6613	298816	2.55%	0.133%
302	21.664	21.629	21.691	VV	6549	238423	2.04%	0.106%
303	21.772	21.691	21.840	VV	6736	556131	4.75%	0.248%
304	21.852	21.840	21.871	VV	5500	101501	0.87%	0.045%
305	21.913	21.871	21.988	VV	5739	343444	2.93%	0.153%
306	22.006	21.988	22.019	VV	3796	68484	0.58%	0.031%
307	22.071	22.019	22.084	VV	3817	147338	1.26%	0.066%
308	22.096	22.084	22.105	VV	3737	46465	0.40%	0.021%
309	22.134	22.105	22.277	VV	3791	286786	2.45%	0.128%
310	22.297	22.277	22.342	VV	1731	60263	0.51%	0.027%
311	22.364	22.342	22.375	VV	1400	27197	0.23%	0.012%
312	22.462	22.375	22.589	VV	188877	4968372	42.41%	2.215%
					Sum of corrected areas:		224325058	

Aliphatic EPH 061325.M Tue Jul 08 06:16:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016233.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 18:01
Operator : YP\AJ
Sample : Q2515-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId
WC-1MSD

Integration File: autoint1.e
Quant Time: Jul 08 02:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	12.098	4481342	34.732 ug/ml
Spiked Amount	50.000	Recovery	=	69.46%
12)	S 1-chlorooctadecane (S...	13.543	3820596	37.916 ug/ml
Spiked Amount	50.000	Recovery	=	75.83%
	Target Compounds			
1)	T n-Nonane (C9)	3.416	3397914	31.405 ug/ml
2)	T n-Decane (C10)	4.678	3909659	35.642 ug/ml
3)	T A~Naphthalene (C11.7)	6.395	5037267	42.160 ug/ml
4)	T n-Dodecane (C12)	6.857	4364747	39.640 ug/ml
5)	T A~2-methylnaphthalene...	7.499	4991395	42.915 ug/ml
6)	T n-Tetradecane (C14)	8.700	4876690	44.407 ug/ml
7)	T n-Hexadecane (C16)	10.319	5441311	47.802 ug/ml
8)	T n-Octadecane (C18)	11.773	5680223	48.793 ug/ml
10)	T n-Eicosane (C20)	13.095	5960121	52.369 ug/ml
11)	T n-Heneicosane (C21)	13.711	5748796	50.779 ug/ml
13)	T n-Docosane (C22)	14.302	5728779	50.393 ug/ml
14)	T n-Tetracosane (C24)	15.409	11720778	101.645 ug/ml
15)	T n-Hexacosane (C26)	16.444	5543207	48.169 ug/ml
16)	T n-Octacosane (C28)	17.397	5373497	47.347 ug/ml
17)	T n-Tricontane (C30)	18.293	5255810	45.906 ug/ml
18)	T n-Dotriacontane (C32)	19.128	5083800	46.628 ug/ml
19)	T n-Tetratriacontane (C34)	19.917	5228433	52.847 ug/ml
20)	T n-Hexatriacontane (C36)	20.662	4935612	58.148 ug/ml
21)	T n-Octatriacontane (C38)	21.456	4928636	65.287 ug/ml
22)	T n-Tetracontane (C40)	22.465	4874653	70.495 ug/ml

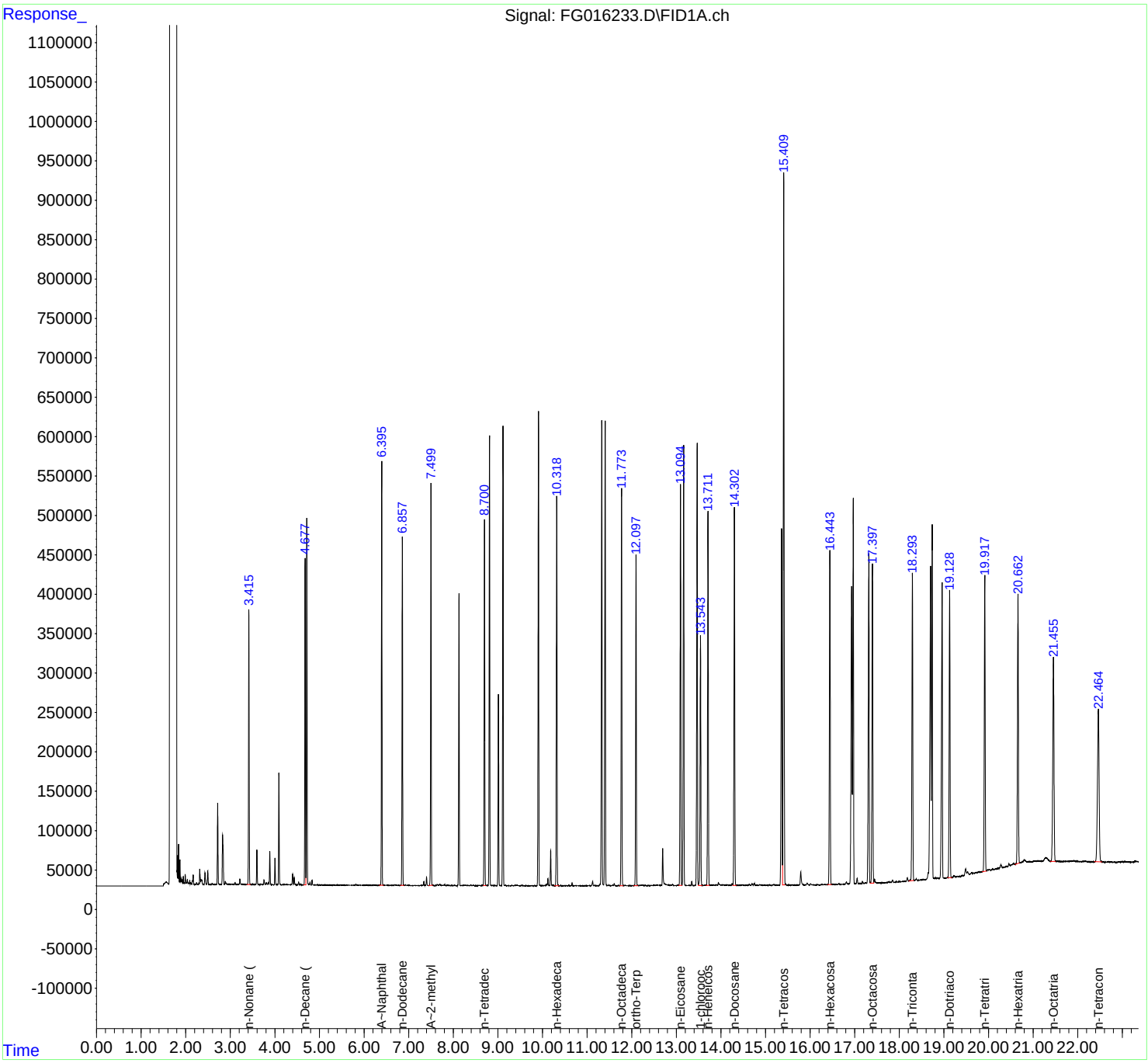
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016233.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 18:01
Operator : YP\AJ
Sample : Q2515-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
WC-1MSD

Integration File: autoint1.e
Quant Time: Jul 08 02:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016233.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 18:01
Sample : Q2515-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.310	3.297	3.338	PV	236	1891	0.02%	0.001%
2	3.359	3.338	3.371	PV	155	1749	0.01%	0.001%
3	3.415	3.371	3.455	VV	348955	3404132	29.00%	1.514%
4	3.468	3.455	3.493	VV	397	5389	0.05%	0.002%
5	3.509	3.493	3.531	VV	578	7261	0.06%	0.003%
6	3.548	3.531	3.571	VV	361	6930	0.06%	0.003%
7	3.596	3.571	3.651	VV	44135	406953	3.47%	0.181%
8	3.683	3.651	3.720	VV	574	12163	0.10%	0.005%
9	3.756	3.720	3.788	VV	6179	71328	0.61%	0.032%
10	3.807	3.788	3.827	VV	2954	35815	0.31%	0.016%
11	3.851	3.827	3.864	VV	2644	33746	0.29%	0.015%
12	3.886	3.864	3.921	VV	42486	383845	3.27%	0.171%
13	3.927	3.921	3.975	VV	188	3130	0.03%	0.001%
14	4.002	3.975	4.039	VV	34096	305256	2.60%	0.136%
15	4.090	4.039	4.159	VV	139876	1262363	10.75%	0.562%
16	4.184	4.159	4.199	VV	686	9320	0.08%	0.004%
17	4.215	4.199	4.235	VV	574	8418	0.07%	0.004%
18	4.261	4.235	4.348	VV	522	17914	0.15%	0.008%
19	4.359	4.348	4.368	VV	381	3484	0.03%	0.002%
20	4.397	4.368	4.418	VV	13819	164215	1.40%	0.073%
21	4.434	4.418	4.491	VV	9484	91690	0.78%	0.041%
22	4.495	4.491	4.507	VV	183	1270	0.01%	0.001%
23	4.533	4.507	4.550	VV	3893	36983	0.32%	0.016%
24	4.558	4.550	4.602	VV	831	10577	0.09%	0.005%
25	4.611	4.602	4.638	VV	195	3470	0.03%	0.002%
26	4.678	4.638	4.696	VV	414266	3915052	33.35%	1.742%
27	4.716	4.696	4.771	VV	459793	4431466	37.75%	1.972%
28	4.787	4.771	4.815	VV	3812	38140	0.32%	0.017%
29	4.834	4.815	4.868	VV	6319	61769	0.53%	0.027%
30	4.898	4.868	4.938	VV	228	4820	0.04%	0.002%
31	4.954	4.938	4.975	VV	1055	10366	0.09%	0.005%
32	4.989	4.975	5.005	VV	181	1879	0.02%	0.001%
33	5.046	5.005	5.061	VV	185	3303	0.03%	0.001%
34	5.091	5.061	5.165	VV	155	5548	0.05%	0.002%
35	5.192	5.165	5.211	VV	199	3679	0.03%	0.002%
36	5.229	5.211	5.247	VV	169	1993	0.02%	0.001%

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37	5.257	5.247	5.266	VV	95	749	0.01%	0.000%
38	5.304	5.266	5.323	VV	570	7566	0.06%	0.003%
39	5.335	5.323	5.368	VV	244	3399	0.03%	0.002%
40	5.387	5.368	5.409	PV	190	3006	0.03%	0.001%
41	5.431	5.409	5.451	VV	148	2597	0.02%	0.001%
42	5.468	5.451	5.514	VV	156	3174	0.03%	0.001%
43	5.550	5.514	5.564	VV	227	3451	0.03%	0.002%
44	5.581	5.564	5.602	VV	179	2244	0.02%	0.001%
45	5.619	5.602	5.640	PV	407	4194	0.04%	0.002%
46	5.657	5.640	5.683	VV	133	1870	0.02%	0.001%
47	5.695	5.683	5.708	VV	111	888	0.01%	0.000%
48	5.715	5.708	5.751	VV	63	999	0.01%	0.000%
49	5.765	5.751	5.793	VV	95	1664	0.01%	0.001%
50	5.818	5.793	5.836	PV	1253	12904	0.11%	0.006%
51	5.850	5.836	5.866	VV	447	4140	0.04%	0.002%
52	5.882	5.866	5.902	VV	280	3674	0.03%	0.002%
53	5.919	5.902	5.936	VV	233	3065	0.03%	0.001%
54	5.948	5.936	5.971	VV	128	1523	0.01%	0.001%
55	5.979	5.971	6.011	VV	34	961	0.01%	0.000%
56	6.019	6.011	6.035	VV	100	969	0.01%	0.000%
57	6.055	6.035	6.113	VV	463	10118	0.09%	0.005%
58	6.135	6.113	6.163	VV	307	3544	0.03%	0.002%
59	6.186	6.163	6.218	PV	317	4235	0.04%	0.002%
60	6.232	6.218	6.253	VV	414	4423	0.04%	0.002%
61	6.273	6.253	6.310	VV	170	2665	0.02%	0.001%
62	6.329	6.310	6.341	VV	200	2612	0.02%	0.001%
63	6.395	6.341	6.431	VV	538892	5050745	43.02%	2.247%
64	6.444	6.431	6.463	VV	582	7927	0.07%	0.004%
65	6.474	6.463	6.529	VV	344	8839	0.08%	0.004%
66	6.566	6.529	6.618	VV	255	7953	0.07%	0.004%
67	6.643	6.618	6.668	VV	235	4157	0.04%	0.002%
68	6.691	6.668	6.727	VV	1094	15314	0.13%	0.007%
69	6.739	6.727	6.778	VV	318	5291	0.05%	0.002%
70	6.784	6.778	6.820	VV	229	3866	0.03%	0.002%
71	6.857	6.820	6.911	VV	444976	4373820	37.26%	1.946%
72	6.928	6.911	6.975	VV	878	12185	0.10%	0.005%
73	7.008	6.975	7.042	VV	280	6541	0.06%	0.003%
74	7.056	7.042	7.116	VV	96	1919	0.02%	0.001%
75	7.144	7.116	7.161	VV	163	2212	0.02%	0.001%
76	7.185	7.161	7.212	VV	78	1603	0.01%	0.001%
77	7.223	7.212	7.237	PV	88	719	0.01%	0.000%
78	7.249	7.237	7.256	VV	76	484	0.00%	0.000%
79	7.279	7.256	7.301	VV	334	4074	0.03%	0.002%
80	7.339	7.301	7.374	VV	5220	51219	0.44%	0.023%
81	7.400	7.374	7.458	VV	10724	106746	0.91%	0.047%
82	7.499	7.458	7.598	VV	507395	5009666	42.67%	2.229%
83	7.602	7.598	7.614	VV	120	784	0.01%	0.000%
84	7.637	7.614	7.675	VV	1643	24535	0.21%	0.011%
85	7.696	7.675	7.712	VV	2027	25736	0.22%	0.011%
86	7.721	7.712	7.751	VV	1051	12480	0.11%	0.006%
87	7.773	7.751	7.791	VV	986	11340	0.10%	0.005%
88	7.807	7.791	7.832	VV	1417	15469	0.13%	0.007%
89	7.861	7.832	7.885	VV	410	8666	0.07%	0.004%

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90	7.899	7.885	7.918	VV	323	4275	0.04%	0.002%
91	7.924	7.918	7.936	VV	126	1295	0.01%	0.001%
92	7.942	7.936	7.968	VV	102	1831	0.02%	0.001%
93	7.986	7.968	8.008	VV	584	6638	0.06%	0.003%
94	8.028	8.008	8.080	VV	486	7857	0.07%	0.003%
95	8.237	8.201	8.258	VV	502	9691	0.08%	0.004%
96	8.270	8.258	8.285	VV	659	7141	0.06%	0.003%
97	8.296	8.285	8.328	VV	425	7040	0.06%	0.003%
98	8.341	8.328	8.365	VV	166	2437	0.02%	0.001%
99	8.388	8.365	8.422	VV	1257	15451	0.13%	0.007%
100	8.445	8.422	8.504	VV	669	11224	0.10%	0.005%
101	8.513	8.504	8.533	VV	71	921	0.01%	0.000%
102	8.590	8.533	8.644	VV	367	12685	0.11%	0.006%
103	8.700	8.644	8.740	VV	465509	4894598	41.69%	2.178%
104	8.756	8.740	8.769	VV	269	3532	0.03%	0.002%
105	8.812	8.769	8.868	VV	569316	5746601	48.95%	2.557%
106	8.883	8.868	8.898	VV	289	3768	0.03%	0.002%
107	8.928	8.898	8.964	VV	552	7989	0.07%	0.004%
108	9.051	9.045	9.081	VV	365	6010	0.05%	0.003%
109	9.115	9.081	9.151	VV	580318	5883513	50.12%	2.618%
110	9.171	9.151	9.215	VV	509	9121	0.08%	0.004%
111	9.236	9.215	9.280	VV	243	4604	0.04%	0.002%
112	9.306	9.280	9.362	VV	506	8169	0.07%	0.004%
113	9.386	9.362	9.404	VV	1167	13397	0.11%	0.006%
114	9.426	9.404	9.491	VV	1004	21521	0.18%	0.010%
115	9.529	9.491	9.548	PV	827	9825	0.08%	0.004%
116	9.558	9.548	9.609	VV	238	4348	0.04%	0.002%
117	9.627	9.609	9.672	VV	342	4299	0.04%	0.002%
118	9.682	9.672	9.688	VV	28	341	0.00%	0.000%
119	9.696	9.688	9.701	PV	61	366	0.00%	0.000%
120	9.717	9.701	9.738	VV	138	1841	0.02%	0.001%
121	9.748	9.738	9.756	VV	81	674	0.01%	0.000%
122	9.774	9.756	9.817	VV	265	4584	0.04%	0.002%
123	9.831	9.817	9.848	VV	225	2207	0.02%	0.001%
124	9.910	9.848	9.939	VV	610230	6261755	53.34%	2.786%
125	9.951	9.939	9.979	VV	633	10022	0.09%	0.004%
126	10.010	9.979	10.030	VV	398	7718	0.07%	0.003%
127	10.053	10.030	10.067	VV	502	7763	0.07%	0.003%
128	10.090	10.067	10.105	VV	2084	28789	0.25%	0.013%
129	10.121	10.105	10.157	VV	9328	97316	0.83%	0.043%
130	10.184	10.157	10.232	VV	45262	465522	3.97%	0.207%
131	10.250	10.232	10.273	VV	582	8367	0.07%	0.004%
132	10.318	10.273	10.374	VV	491375	5446403	46.39%	2.423%
133	10.406	10.374	10.442	VV	478	9468	0.08%	0.004%
134	10.482	10.442	10.527	VV	208	4933	0.04%	0.002%
135	10.545	10.527	10.560	PV	215	2773	0.02%	0.001%
136	10.597	10.560	10.620	VV	461	8170	0.07%	0.004%
137	10.662	10.620	10.690	PV	4123	44123	0.38%	0.020%
138	10.708	10.690	10.724	VV	189	3072	0.03%	0.001%
139	10.760	10.724	10.791	VV	356	7823	0.07%	0.003%
140	10.798	10.791	10.818	VV	183	2008	0.02%	0.001%
141	10.836	10.818	10.860	VV	229	3869	0.03%	0.002%

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142	10.869	10.860	10.916	VV	164	3210	0.03%	0.001%
143	10.928	10.916	10.938	VV	122	1148	0.01%	0.001%
144	10.968	10.938	11.000	VV	379	8394	0.07%	0.004%
145	11.015	11.000	11.041	VV	469	5763	0.05%	0.003%
146	11.059	11.041	11.091	VV	427	6043	0.05%	0.003%
147	11.123	11.091	11.147	VV	5762	73126	0.62%	0.033%
148	11.162	11.147	11.186	VV	598	9854	0.08%	0.004%
149	11.202	11.186	11.233	VV	302	6058	0.05%	0.003%
150	11.328	11.233	11.367	VV	589459	6508418	55.44%	2.896%
151	11.405	11.367	11.455	VV	587428	6531031	55.63%	2.906%
152	11.475	11.455	11.501	VV	979	15090	0.13%	0.007%
153	11.511	11.501	11.551	VV	370	6581	0.06%	0.003%
154	11.572	11.551	11.590	VV	1391	16663	0.14%	0.007%
155	11.608	11.590	11.651	VV	3000	31399	0.27%	0.014%
156	11.701	11.651	11.723	PV	357	6427	0.05%	0.003%
157	11.773	11.723	11.811	VV	493092	5684607	48.42%	2.529%
158	11.851	11.811	11.884	VV	601	13467	0.11%	0.006%
159	11.932	11.884	11.950	VV	281	6591	0.06%	0.003%
160	11.965	11.950	11.995	VV	340	4952	0.04%	0.002%
161	12.017	11.995	12.041	VV	183	2932	0.02%	0.001%
162	12.097	12.041	12.149	VV	419429	4491575	38.26%	1.998%
163	12.166	12.149	12.177	VV	412	5684	0.05%	0.003%
164	12.192	12.177	12.209	VV	576	8571	0.07%	0.004%
165	12.228	12.209	12.271	VV	1155	23705	0.20%	0.011%
166	12.282	12.271	12.296	VV	502	5694	0.05%	0.003%
167	12.309	12.296	12.337	VV	432	6379	0.05%	0.003%
168	12.380	12.337	12.406	PV	427	7927	0.07%	0.004%
169	12.445	12.406	12.466	VV	461	10323	0.09%	0.005%
170	12.492	12.466	12.522	VV	743	18085	0.15%	0.008%
171	12.559	12.522	12.641	VV	1038	48531	0.41%	0.022%
172	12.695	12.641	12.800	VV	47321	638096	5.44%	0.284%
173	12.811	12.800	12.866	VV	1028	30124	0.26%	0.013%
174	12.914	12.866	12.963	VV	1766	43581	0.37%	0.019%
175	12.984	12.963	12.997	VV	293	5256	0.04%	0.002%
176	13.034	12.997	13.058	VV	671	14899	0.13%	0.007%
177	13.095	13.058	13.126	VV	510919	5977132	50.91%	2.659%
178	13.166	13.126	13.225	VV	551844	6444784	54.90%	2.867%
179	13.239	13.225	13.255	VV	273	4102	0.03%	0.002%
180	13.264	13.255	13.274	VV	283	2689	0.02%	0.001%
181	13.289	13.274	13.314	VV	380	6675	0.06%	0.003%
182	13.346	13.314	13.381	VV	5341	62550	0.53%	0.028%
183	13.390	13.381	13.398	VV	179	1522	0.01%	0.001%
184	13.468	13.398	13.495	VV	557431	6381661	54.36%	2.839%
185	13.542	13.495	13.618	VV	311355	3835091	32.67%	1.706%
186	13.653	13.618	13.670	VV	542	10052	0.09%	0.004%
187	13.711	13.670	13.746	VV	475880	5763755	49.10%	2.564%
188	13.765	13.746	13.781	VV	659	11290	0.10%	0.005%
189	13.805	13.781	13.875	VV	736	31963	0.27%	0.014%
190	13.901	13.875	13.925	VV	1196	23159	0.20%	0.010%
191	13.943	13.925	14.021	VV	3687	79509	0.68%	0.035%
192	14.045	14.021	14.069	VV	876	20714	0.18%	0.009%
193	14.088	14.069	14.109	VV	778	13939	0.12%	0.006%
194	14.140	14.109	14.181	VV	1076	25205	0.21%	0.011%

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195	14.212	14.181	14.221	VV	313	6752	0.06%	0.003%
196	14.250	14.221	14.268	VV	2555	35347	0.30%	0.016%
197	14.302	14.268	14.409	VV	477625	5745518	48.94%	2.556%
198	14.432	14.409	14.449	VV	290	4179	0.04%	0.002%
199	14.476	14.449	14.515	VV	1081	15705	0.13%	0.007%
200	14.538	14.515	14.569	VV	385	7410	0.06%	0.003%
201	14.586	14.569	14.608	VV	141	2529	0.02%	0.001%
202	14.635	14.608	14.671	VV	1861	24813	0.21%	0.011%
203	14.699	14.671	14.721	VV	2429	36041	0.31%	0.016%
204	14.742	14.721	14.775	VV	2399	33667	0.29%	0.015%
205	14.782	14.775	14.841	VV	233	6107	0.05%	0.003%
206	14.870	14.841	14.891	VV	1103	17193	0.15%	0.008%
207	14.905	14.891	14.951	VV	629	14571	0.12%	0.006%
208	14.971	14.951	15.007	VV	458	9866	0.08%	0.004%
209	15.024	15.007	15.053	VV	390	5264	0.04%	0.002%
210	15.087	15.053	15.124	PV	673	12042	0.10%	0.005%
211	15.179	15.124	15.196	PV	986	16358	0.14%	0.007%
212	15.207	15.196	15.231	VV	633	10060	0.09%	0.004%
213	15.253	15.231	15.313	VV	531	12785	0.11%	0.006%
214	15.361	15.313	15.381	VV	452335	6108428	52.03%	2.718%
215	15.408	15.381	15.445	VV	900058	11739593	100.00%	5.223%
216	15.455	15.445	15.495	VV	1329	15332	0.13%	0.007%
217	15.524	15.495	15.551	VV	202	4213	0.04%	0.002%
218	15.590	15.551	15.631	VV	303	8069	0.07%	0.004%
219	15.654	15.631	15.681	VV	241	3625	0.03%	0.002%
220	15.708	15.681	15.752	PV	155	4166	0.04%	0.002%
221	15.791	15.752	15.875	VV	16669	273977	2.33%	0.122%
222	15.889	15.875	15.904	VV	228	3092	0.03%	0.001%
223	15.933	15.904	15.971	VV	2529	43009	0.37%	0.019%
224	16.013	15.971	16.045	VV	1592	27633	0.24%	0.012%
225	16.066	16.045	16.097	VV	453	6151	0.05%	0.003%
226	16.161	16.097	16.180	PV	302	4625	0.04%	0.002%
227	16.203	16.180	16.225	VV	184	2920	0.02%	0.001%
228	16.258	16.225	16.291	PV	489	10537	0.09%	0.005%
229	16.317	16.291	16.341	VV	647	10198	0.09%	0.005%
230	16.358	16.341	16.377	VV	234	3705	0.03%	0.002%
231	16.444	16.377	16.488	VV	420347	5554442	47.31%	2.471%
232	16.505	16.488	16.551	VV	536	7072	0.06%	0.003%
233	16.580	16.551	16.594	VV	141	1919	0.02%	0.001%
234	16.645	16.594	16.701	PV	932	16025	0.14%	0.007%
235	16.761	16.701	16.771	PV	194	3914	0.03%	0.002%
236	16.814	16.771	16.853	VV	2715	46757	0.40%	0.021%
237	16.931	16.853	16.948	VV	378392	5902870	50.28%	2.626%
238	16.967	16.948	16.995	VV	489371	5759266	49.06%	2.562%
239	17.007	16.995	17.027	VV	821	11834	0.10%	0.005%
240	17.055	17.027	17.104	VV	7218	99958	0.85%	0.044%
241	17.122	17.104	17.146	VV	590	9111	0.08%	0.004%
242	17.175	17.146	17.211	VV	2885	41815	0.36%	0.019%
243	17.243	17.211	17.264	VV	963	18291	0.16%	0.008%
244	17.316	17.264	17.345	VV	424477	5643241	48.07%	2.511%
245	17.397	17.345	17.429	VV	404425	5389048	45.90%	2.398%
246	17.446	17.429	17.501	VV	5162	82405	0.70%	0.037%

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247	17.523	17.501	17.538	VV	152	2695	0.02%	0.001%
248	17.546	17.538	17.564	VV	126	1309	0.01%	0.001%
249	17.600	17.564	17.624	PV	198	3701	0.03%	0.002%
250	17.762	17.624	17.800	VV	1294	30492	0.26%	0.014%
251	17.848	17.800	17.901	VV	3101	50215	0.43%	0.022%
252	17.935	17.901	17.962	PV	733	11543	0.10%	0.005%
253	18.010	17.962	18.048	VV	496	13292	0.11%	0.006%
254	18.077	18.048	18.104	VV	503	8748	0.07%	0.004%
255	18.180	18.104	18.207	PV	4572	72148	0.61%	0.032%
256	18.293	18.207	18.329	VV	390080	5288109	45.05%	2.353%
257	18.379	18.329	18.425	VV	2284	52248	0.45%	0.023%
258	18.477	18.425	18.493	VV	773	16639	0.14%	0.007%
259	18.536	18.493	18.577	VV	799	25106	0.21%	0.011%
260	18.700	18.577	18.715	VV	396875	6349818	54.09%	2.825%
261	18.737	18.715	18.787	VV	453796	5542848	47.21%	2.466%
262	18.810	18.787	18.831	VV	1640	31351	0.27%	0.014%
263	18.848	18.831	18.872	VV	1047	19577	0.17%	0.009%
264	18.881	18.872	18.890	VV	507	4757	0.04%	0.002%
265	18.959	18.890	18.991	VV	372921	5504005	46.88%	2.449%
266	19.018	18.991	19.031	VV	336	7398	0.06%	0.003%
267	19.075	19.031	19.083	VV	374	8367	0.07%	0.004%
268	19.128	19.083	19.183	VV	364139	5094016	43.39%	2.266%
269	19.226	19.183	19.269	PV	2123	50562	0.43%	0.022%
270	19.288	19.269	19.315	VV	705	14648	0.12%	0.007%
271	19.348	19.315	19.358	VV	519	12234	0.10%	0.005%
272	19.486	19.358	19.513	VV	8837	244119	2.08%	0.109%
273	19.531	19.513	19.568	VV	4902	125311	1.07%	0.056%
274	19.619	19.568	19.645	VV	3583	126712	1.08%	0.056%
275	19.670	19.645	19.686	VV	3122	72305	0.62%	0.032%
276	19.728	19.686	19.743	VV	3431	105189	0.90%	0.047%
277	19.779	19.743	19.805	VV	4001	128225	1.09%	0.057%
278	19.916	19.805	19.959	VV	382382	5565986	47.41%	2.476%
279	19.986	19.959	20.001	VV	5554	124980	1.06%	0.056%
280	20.021	20.001	20.045	VV	5735	136989	1.17%	0.061%
281	20.097	20.045	20.121	VV	5639	234818	2.00%	0.104%
282	20.208	20.121	20.226	VV	5915	348970	2.97%	0.155%
283	20.276	20.226	20.314	VV	10053	390293	3.32%	0.174%
284	20.393	20.314	20.413	VV	7055	391828	3.34%	0.174%
285	20.458	20.413	20.491	VV	10257	379315	3.23%	0.169%
286	20.562	20.491	20.587	VV	10274	519484	4.43%	0.231%
287	20.661	20.587	20.699	VV	350201	5570846	47.45%	2.478%
288	20.801	20.699	20.819	VV	13565	816312	6.95%	0.363%
289	20.826	20.819	20.862	VV	12165	288991	2.46%	0.129%
290	20.891	20.862	20.923	VV	10509	381379	3.25%	0.170%
291	20.941	20.923	20.968	VV	10195	271835	2.32%	0.121%
292	21.026	20.968	21.064	VV	10908	590874	5.03%	0.263%
293	21.079	21.064	21.115	VV	10274	308963	2.63%	0.137%
294	21.141	21.115	21.184	VV	10265	410386	3.50%	0.183%
295	21.206	21.184	21.214	VV	9542	172373	1.47%	0.077%
296	21.295	21.214	21.393	VV	13223	1160059	9.88%	0.516%
297	21.455	21.393	21.505	VV	262138	5447156	46.40%	2.423%
298	21.522	21.505	21.545	VV	7583	179382	1.53%	0.080%
299	21.554	21.545	21.599	VV	7337	231087	1.97%	0.103%

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300	21.616	21.599	21.655	VV	6579	213369	1.82%	0.095%
301	21.708	21.655	21.731	VV	6259	285342	2.43%	0.127%
302	21.779	21.731	21.797	VV	5952	234743	2.00%	0.104%
303	21.838	21.797	21.848	VV	5814	173086	1.47%	0.077%
304	21.905	21.848	21.961	VV	5909	380792	3.24%	0.169%
305	21.990	21.961	22.046	VV	4909	230406	1.96%	0.103%
306	22.058	22.046	22.087	VV	4060	96765	0.82%	0.043%
307	22.113	22.087	22.130	VV	3890	95786	0.82%	0.043%
308	22.150	22.130	22.177	VV	3869	105128	0.90%	0.047%
309	22.186	22.177	22.234	VV	3659	110557	0.94%	0.049%
310	22.267	22.234	22.298	VV	2806	102792	0.88%	0.046%
311	22.310	22.298	22.337	VV	2474	53269	0.45%	0.024%
312	22.463	22.337	22.601	VBA	195412	5109922	43.53%	2.273%

Sum of corrected areas: 224773298

Aliphatic EPH 061325.M Tue Jul 08 06:17:26 2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FE062725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
50 PPM ALIPHATIC HC	FE054609.D	n-Octatriacontane (C38)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
50 PPM ALIPHATIC HC	FE054609.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
Q2429-02	FE054617.D	ortho-Terphenyl (SURR)	yogesh	6/30/2025 7:50:50 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Hexacosane (C26)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE070725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE054697.D	n-Hexatriacontane (C36)	yogesh	7/7/2025 11:32:52 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054697.D	n-Tetracosane (C24)	yogesh	7/7/2025 11:32:52 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2491-02DL	FE054702.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:15 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Octatriacontane (C38)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Tetracontane (C40)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Tetracosane (C24)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2487-14	FE054710.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:17 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2487-16	FE054712.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:19 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Dotriacontane (C32)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Tetratriacontane (C34)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Tricontane (C30)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE070725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2507-01	FE054717.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:22 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2507-02	FE054718.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:24 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-01	FE054719.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:26 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-01	FE054719.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:26 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-02	FE054720.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:27 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-02	FE054720.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:27 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Docosane (C22)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Octatriacontane (C38)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Tetracosane (C24)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software

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Manual Integration Report

Sequence:	FG061325AL	Instrument	FID_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FG070725AL	Instrument	FID_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FG016226.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 8:03:13 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016226.D	n-Tetracontane (C40)	yogesh	7/8/2025 8:03:13 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016226.D	n-Tetratriacontane (C34)	yogesh	7/8/2025 8:03:13 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software
PB168738BS	FG016228.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 8:03:15 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software

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Manual Integration Report

Sequence:	FG070825AL	Instrument	FID_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FG016238.D	n-Hexatriacontane (C36)	yogesh	7/9/2025 7:24:32 AM	mohammad	7/10/2025 2:03:56	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054606.D	27 Jun 2025 11:53	YP\AJ	Ok
2	I.BLK	FE054607.D	27 Jun 2025 12:23	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE054608.D	27 Jun 2025 12:53	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE054609.D	27 Jun 2025 13:23	YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC STD3	FE054610.D	27 Jun 2025 13:53	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE054611.D	27 Jun 2025 14:23	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE054612.D	27 Jun 2025 14:54	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE054613.D	27 Jun 2025 15:24	YP\AJ	Ok
9	I.BLK	FE054614.D	27 Jun 2025 15:54	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054615.D	27 Jun 2025 16:24	YP\AJ	Ok
11	Q2429-01	FE054616.D	27 Jun 2025 16:54	YP\AJ	Ok
12	Q2429-02	FE054617.D	27 Jun 2025 17:25	YP\AJ	Ok,M
13	Q2431-01	FE054618.D	27 Jun 2025 17:55	YP\AJ	Ok
14	Q2431-02	FE054619.D	27 Jun 2025 18:25	YP\AJ	Not Ok
15	Q2431-03	FE054620.D	27 Jun 2025 18:55	YP\AJ	Ok
16	Q2431-04	FE054621.D	27 Jun 2025 19:25	YP\AJ	Ok
17	Q2431-05	FE054622.D	27 Jun 2025 19:56	YP\AJ	Not Ok
18	I.BLK	FE054623.D	27 Jun 2025 20:56	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE054624.D	27 Jun 2025 22:57	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054695.D	07 Jul 2025 08:46	YP\AJ	Ok
2	I.BLK	FE054696.D	07 Jul 2025 09:17	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054697.D	07 Jul 2025 09:47	YP\AJ	Ok,M
4	Q2480-05DL	FE054698.D	07 Jul 2025 10:24	YP\AJ	Ok
5	Q2491-01	FE054699.D	07 Jul 2025 10:55	YP\AJ	Dilution
6	Q2491-02	FE054700.D	07 Jul 2025 11:25	YP\AJ	Dilution
7	Q2491-01DL	FE054701.D	07 Jul 2025 11:56	YP\AJ	Ok
8	Q2491-02DL	FE054702.D	07 Jul 2025 12:26	YP\AJ	Ok,M
9	I.BLK	FE054703.D	07 Jul 2025 13:27	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054704.D	07 Jul 2025 13:58	YP\AJ	Ok,M
11	Q2487-09	FE054705.D	07 Jul 2025 14:59	YP\AJ	Ok
12	Q2487-10	FE054706.D	07 Jul 2025 15:29	YP\AJ	Ok
13	Q2487-11	FE054707.D	07 Jul 2025 16:00	YP\AJ	Dilution
14	Q2487-12	FE054708.D	07 Jul 2025 16:30	YP\AJ	Ok
15	Q2487-13	FE054709.D	07 Jul 2025 17:01	YP\AJ	Dilution
16	Q2487-14	FE054710.D	07 Jul 2025 17:32	YP\AJ	Dilution
17	Q2487-15	FE054711.D	07 Jul 2025 18:02	YP\AJ	Dilution
18	Q2487-16	FE054712.D	07 Jul 2025 18:33	YP\AJ	Dilution
19	I.BLK	FE054713.D	07 Jul 2025 19:34	YP\AJ	Ok
20	20 PPM ALIPHATIC HC STD	FE054714.D	07 Jul 2025 20:35	YP\AJ	Ok,M
21	Q2503-03	FE054715.D	07 Jul 2025 21:05	YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2503-04	FE054716.D	07 Jul 2025 21:36	YP\AJ	Ok
23	Q2507-01	FE054717.D	07 Jul 2025 22:06	YP\AJ	Dilution
24	Q2507-02	FE054718.D	07 Jul 2025 22:36	YP\AJ	Dilution
25	Q2513-01	FE054719.D	07 Jul 2025 23:07	YP\AJ	Dilution
26	Q2513-02	FE054720.D	07 Jul 2025 23:37	YP\AJ	Dilution
27	Q2513-03	FE054721.D	08 Jul 2025 00:08	YP\AJ	Dilution
28	Q2513-04	FE054722.D	08 Jul 2025 00:38	YP\AJ	Not Ok
29	I.BLK	FE054723.D	08 Jul 2025 01:39	YP\AJ	Ok
30	20 PPM ALIPHATIC HC STD	FE054724.D	08 Jul 2025 02:09	YP\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG061325AL

Review By	yogesh	Review On	6/13/2025 12:52:17 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:40:36 AM		
SubDirectory	FG061325AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016069.D	13 Jun 2025 13:06	YP\AJ	Ok
2	I.BLK	FG016070.D	13 Jun 2025 13:35	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016071.D	13 Jun 2025 14:05	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FG016072.D	13 Jun 2025 14:34	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016073.D	13 Jun 2025 15:03	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016074.D	13 Jun 2025 15:33	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016075.D	13 Jun 2025 16:02	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FG016076.D	13 Jun 2025 16:31	YP\AJ	Ok
9	I.BLK	FG016077.D	13 Jun 2025 17:30	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FG016078.D	13 Jun 2025 18:00	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070725AL

Review By	yogesh	Review On	7/7/2025 12:23:40 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:09 AM		
SubDirectory	FG070725AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016224.D	07 Jul 2025 09:19	YP\AJ	Ok
2	I.BLK	FG016225.D	07 Jul 2025 09:49	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016226.D	07 Jul 2025 10:55	YP\AJ	Ok,M
4	PB168738BL	FG016227.D	07 Jul 2025 15:02	YP\AJ	Ok
5	PB168738BS	FG016228.D	07 Jul 2025 15:32	YP\AJ	Not Ok
6	PB168738BSD	FG016229.D	07 Jul 2025 16:02	YP\AJ	Not Ok
7	Q2515-01	FG016230.D	07 Jul 2025 16:32	YP\AJ	Ok
8	Q2515-01D	FG016231.D	07 Jul 2025 17:01	YP\AJ	Ok
9	Q2515-01MS	FG016232.D	07 Jul 2025 17:31	YP\AJ	Ok
10	Q2515-01MSD	FG016233.D	07 Jul 2025 18:01	YP\AJ	Ok
11	I.BLK	FG016234.D	07 Jul 2025 19:01	YP\AJ	Ok
12	20 PPM ALIPHATIC HC STD	FG016235.D	07 Jul 2025 19:30	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070825AL

Review By	yogesh	Review On	7/8/2025 1:12:39 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:56 AM		
SubDirectory	FG070825AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016236.D	08 Jul 2025 09:18	YP\AJ	Ok
2	I.BLK	FG016237.D	08 Jul 2025 09:48	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016238.D	08 Jul 2025 10:17	YP\AJ	Ok,M
4	PB168738BS	FG016239.D	08 Jul 2025 10:54	YP\AJ	Ok
5	PB168738BSD	FG016240.D	08 Jul 2025 11:25	YP\AJ	Ok
6	I.BLK	FG016241.D	08 Jul 2025 11:55	YP\AJ	Ok
7	20 PPM ALIPHATIC HC STD	FG016242.D	08 Jul 2025 12:54	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054606.D	27 Jun 2025 11:53		YP\AJ	Ok
2	I.BLK	I.BLK	FE054607.D	27 Jun 2025 12:23		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE054608.D	27 Jun 2025 12:53		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE054609.D	27 Jun 2025 13:23		YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054610.D	27 Jun 2025 13:53		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE054611.D	27 Jun 2025 14:23		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE054612.D	27 Jun 2025 14:54		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054613.D	27 Jun 2025 15:24		YP\AJ	Ok
9	I.BLK	I.BLK	FE054614.D	27 Jun 2025 15:54		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054615.D	27 Jun 2025 16:24		YP\AJ	Ok
11	Q2429-01	TP-4	FE054616.D	27 Jun 2025 16:54		YP\AJ	Ok
12	Q2429-02	TP-4-EPH	FE054617.D	27 Jun 2025 17:25		YP\AJ	Ok,M
13	Q2431-01	S-1	FE054618.D	27 Jun 2025 17:55		YP\AJ	Ok
14	Q2431-02	Q2431-02	FE054619.D	27 Jun 2025 18:25	Need to run again	YP\AJ	Not Ok
15	Q2431-03	S-3	FE054620.D	27 Jun 2025 18:55		YP\AJ	Ok
16	Q2431-04	S-4	FE054621.D	27 Jun 2025 19:25		YP\AJ	Ok
17	Q2431-05	Q2431-05	FE054622.D	27 Jun 2025 19:56	Need to run again	YP\AJ	Not Ok
18	I.BLK	I.BLK	FE054623.D	27 Jun 2025 20:56		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054624.D	27 Jun 2025 22:57		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054695.D	07 Jul 2025 08:46		YP\AJ	Ok
2	I.BLK	I.BLK	FE054696.D	07 Jul 2025 09:17		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054697.D	07 Jul 2025 09:47		YP\AJ	Ok,M
4	Q2480-05DL	GPX5DL	FE054698.D	07 Jul 2025 10:24		YP\AJ	Ok
5	Q2491-01	EO-1-070225	FE054699.D	07 Jul 2025 10:55	Need 10x	YP\AJ	Dilution
6	Q2491-02	EO-1-070225-E2	FE054700.D	07 Jul 2025 11:25	Need 10x	YP\AJ	Dilution
7	Q2491-01DL	EO-1-070225DL	FE054701.D	07 Jul 2025 11:56		YP\AJ	Ok
8	Q2491-02DL	EO-1-070225-E2DL	FE054702.D	07 Jul 2025 12:26		YP\AJ	Ok,M
9	I.BLK	I.BLK	FE054703.D	07 Jul 2025 13:27		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054704.D	07 Jul 2025 13:58		YP\AJ	Ok,M
11	Q2487-09	G4(0-6)	FE054705.D	07 Jul 2025 14:59		YP\AJ	Ok
12	Q2487-10	G4(6-12)	FE054706.D	07 Jul 2025 15:29		YP\AJ	Ok
13	Q2487-11	G3(0-6)	FE054707.D	07 Jul 2025 16:00	need 5x dilution	YP\AJ	Dilution
14	Q2487-12	G3(6-12)	FE054708.D	07 Jul 2025 16:30		YP\AJ	Ok
15	Q2487-13	G2(0-6)	FE054709.D	07 Jul 2025 17:01	need 2x dilution	YP\AJ	Dilution
16	Q2487-14	G2(6-12)	FE054710.D	07 Jul 2025 17:32	need 5x dilution	YP\AJ	Dilution
17	Q2487-15	G1(0-6)	FE054711.D	07 Jul 2025 18:02	need 5x dilution	YP\AJ	Dilution
18	Q2487-16	G1(6-12)	FE054712.D	07 Jul 2025 18:33	need 5x dilution	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	FE054713.D	07 Jul 2025 19:34		YP\AJ	Ok
20	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054714.D	07 Jul 2025 20:35		YP\AJ	Ok,M
21	Q2503-03	GCAP2	FE054715.D	07 Jul 2025 21:05		YP\AJ	Ok
22	Q2503-04	GCAP3	FE054716.D	07 Jul 2025 21:36		YP\AJ	Ok
23	Q2507-01	SU-04-07032025	FE054717.D	07 Jul 2025 22:06	need 5x dilution	YP\AJ	Dilution
24	Q2507-02	SU-04-07032025-EPH	FE054718.D	07 Jul 2025 22:36	need 2x dilution	YP\AJ	Dilution
25	Q2513-01	HR-2-070325	FE054719.D	07 Jul 2025 23:07	need 10x dilution	YP\AJ	Dilution
26	Q2513-02	HR-2-070325-E2	FE054720.D	07 Jul 2025 23:37	need 10x dilution	YP\AJ	Dilution
27	Q2513-03	HR-3-070325	FE054721.D	08 Jul 2025 00:08	need 2x dilution	YP\AJ	Dilution
28	Q2513-04	HR-3-070325-E2	FE054722.D	08 Jul 2025 00:38	need 2x dilution	YP\AJ	Not Ok
29	I.BLK	I.BLK	FE054723.D	08 Jul 2025 01:39		YP\AJ	Ok
30	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054724.D	08 Jul 2025 02:09		YP\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG061325AL

Review By	yogesh	Review On	6/13/2025 12:52:17 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:40:36 AM		
SubDirectory	FG061325AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016069.D	13 Jun 2025 13:06		YP\AJ	Ok
2	I.BLK	I.BLK	FG016070.D	13 Jun 2025 13:35		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016071.D	13 Jun 2025 14:05		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016072.D	13 Jun 2025 14:34		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016073.D	13 Jun 2025 15:03		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016074.D	13 Jun 2025 15:33		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016075.D	13 Jun 2025 16:02		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016076.D	13 Jun 2025 16:31		YP\AJ	Ok
9	I.BLK	I.BLK	FG016077.D	13 Jun 2025 17:30		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016078.D	13 Jun 2025 18:00		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070725AL

Review By	yogesh	Review On	7/7/2025 12:23:40 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:09 AM		
SubDirectory	FG070725AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016224.D	07 Jul 2025 09:19		YP\AJ	Ok
2	I.BLK	I.BLK	FG016225.D	07 Jul 2025 09:49		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016226.D	07 Jul 2025 10:55		YP\AJ	Ok,M
4	PB168738BL	PB168738BL	FG016227.D	07 Jul 2025 15:02		YP\AJ	Ok
5	PB168738BS	PB168738BS	FG016228.D	07 Jul 2025 15:32	Recovery fail	YP\AJ	Not Ok
6	PB168738BSD	PB168738BSD	FG016229.D	07 Jul 2025 16:02	Recovery fail	YP\AJ	Not Ok
7	Q2515-01	WC-1	FG016230.D	07 Jul 2025 16:32		YP\AJ	Ok
8	Q2515-01D	Q2515-01D	FG016231.D	07 Jul 2025 17:01		YP\AJ	Ok
9	Q2515-01MS	WC-1MS	FG016232.D	07 Jul 2025 17:31	FG016230.D	YP\AJ	Ok
10	Q2515-01MSD	WC-1MSD	FG016233.D	07 Jul 2025 18:01	FG016230.D!FG016232.D	YP\AJ	Ok
11	I.BLK	I.BLK	FG016234.D	07 Jul 2025 19:01		YP\AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016235.D	07 Jul 2025 19:30		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070825AL

Review By	yogesh	Review On	7/8/2025 1:12:39 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:56 AM		
SubDirectory	FG070825AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016236.D	08 Jul 2025 09:18		YP\AJ	Ok
2	I.BLK	I.BLK	FG016237.D	08 Jul 2025 09:48		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016238.D	08 Jul 2025 10:17		YP\AJ	Ok,M
4	PB168738BS	PB168738BS	FG016239.D	08 Jul 2025 10:54		YP\AJ	Ok
5	PB168738BSD	PB168738BSD	FG016240.D	08 Jul 2025 11:25		YP\AJ	Ok
6	I.BLK	I.BLK	FG016241.D	08 Jul 2025 11:55		YP\AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016242.D	08 Jul 2025 12:54		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168738

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/07/2025
Matrix :	Solid			**Extraction Start Time :**	09:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/07/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:45
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24625
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24673
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2624
Hexane	N/A	E3947
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/7/25	RJ (EDL-Lobby)	Y-P-PE)HFCB,
13:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168738

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168738BL	PB168738BL	EPH_NF	30.02	N/A	ritesh	Evelyn	2			U1-1
PB168738BS	PB168738BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB168738BSD	PB168738BSD	EPH_NF	30.01	N/A	ritesh	Evelyn	2			3
Q2503-03	GCAP2	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q2503-04	GCAP3	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q2507-01	SU-04-7.3-2025	EPH_NF	30.03	N/A	ritesh	Evelyn	2	B		6
Q2507-02	SU-04-7.3-2025-EPH	EPH_NF	30.07	N/A	ritesh	Evelyn	2			U2-1
Q2513-01	HR-2-070325	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		2
Q2513-02	HR-2-070325-E2	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q2513-03	HR-3-070325	EPH_NF	30.01	N/A	ritesh	Evelyn	2	E		4
Q2513-04	HR-3-070325-E2	EPH_NF	30.04	N/A	ritesh	Evelyn	2			5
Q2515-01	WC-1	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		6
Q2515-01DUP	WC-1DUP	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		U3-1
Q2515-01MS	WC-1MS	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		2
Q2515-01MSD	WC-1MSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		3

* **Extracts relinguished on the same date as received.**

168735
9:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2515 **WorkList ID :** 190568 **Department :** Extraction **Date :** 07-07-2025 09:21:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2503-03	GCAP2	Solid	EPH_NF	Cool 4 deg C	GENV01	O11	07/02/2025	NJEPH
Q2503-04	GCAP3	Solid	EPH_NF	Cool 4 deg C	GENV01	O11	07/02/2025	NJEPH
Q2507-01	SU-04-7.3-2025	Solid	EPH_NF	Cool 4 deg C	PSEG03	O12	07/04/2025	NJEPH
Q2507-02	SU-04-7.3-2025-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	O12	07/04/2025	NJEPH
Q2513-01	HR-2-070325	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2513-02	HR-2-070325-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2513-03	HR-3-070325	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2513-04	HR-3-070325-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2515-01	wc-1	Solid	EPH_NF	Cool 4 deg C	ENVO01	O23	07/03/2025	NJEPH

Date/Time 07/07/25 9:25
Raw Sample Received by: RJ (CEXA-KEB)
Raw Sample Relinquished by: JT (SM)

Date/Time 07/07/25 9:40
Raw Sample Received by: JT (SM)
Raw Sample Relinquished by: RJ (CEXA-KEB)

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LAB CHRONICLE

OrderID:	Q2503	**OrderDate:**	7/3/2025 11:38:00 AM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2503-03	**GCAP2**	**Solid**			**07/02/25**			**07/03/25**
			EPH_NF	NJEPH		07/07/25	07/07/25	
Q2503-04	**GCAP3**	**Solid**			**07/02/25**			**07/03/25**
			EPH_NF	NJEPH		07/07/25	07/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2503 **Order ID:** Q2503

Client: G Environmental **Project ID:** Capra

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GCAP2W								
Q2503-01	GCAP2W	Water	Aluminum	112000	D	28.4	250	ug/L
Q2503-01	GCAP2W	Water	Antimony	41.0	JD	16.9	125	ug/L
Q2503-01	GCAP2W	Water	Arsenic	157	D	12.8	50.0	ug/L
Q2503-01	GCAP2W	Water	Barium	4570	D	36.4	250	ug/L
Q2503-01	GCAP2W	Water	Beryllium	12.2	JD	1.40	15.0	ug/L
Q2503-01	GCAP2W	Water	Cadmium	11.0	JD	1.25	15.0	ug/L
Q2503-01	GCAP2W	Water	Calcium	230000	D	585	5000	ug/L
Q2503-01	GCAP2W	Water	Chromium	253	D	5.30	25.0	ug/L
Q2503-01	GCAP2W	Water	Cobalt	166	D	5.65	75.0	ug/L
Q2503-01	GCAP2W	Water	Copper	3480	D	11.5	50.0	ug/L
Q2503-01	GCAP2W	Water	Iron	217000	D	58.5	250	ug/L
Q2503-01	GCAP2W	Water	Lead	12900	D	5.75	30.0	ug/L
Q2503-01	GCAP2W	Water	Magnesium	18700	D	610	5000	ug/L
Q2503-01	GCAP2W	Water	Manganese	3580	D	14.9	50.0	ug/L
Q2503-01	GCAP2W	Water	Mercury	72.5	D	1.90	5.00	ug/L
Q2503-01	GCAP2W	Water	Nickel	551	D	7.65	100	ug/L
Q2503-01	GCAP2W	Water	Potassium	16900	D	2300	5000	ug/L
Q2503-01	GCAP2W	Water	Selenium	46.2	JD	24.1	50.0	ug/L
Q2503-01	GCAP2W	Water	Silver	24.8	JD	4.05	25.0	ug/L
Q2503-01	GCAP2W	Water	Sodium	20700	D	2170	5000	ug/L
Q2503-01	GCAP2W	Water	Thallium	19.5	JD	10.9	100	ug/L
Q2503-01	GCAP2W	Water	Vanadium	499	D	15.7	100	ug/L
Q2503-01	GCAP2W	Water	Zinc	11700	D	8.75	100	ug/L
Client ID : GCAP2A								
Q2503-05	GCAP2A	SOIL	Aluminum	3240		0.95	5.65	mg/Kg
Q2503-05	GCAP2A	SOIL	Antimony	2.74	J	0.25	2.82	mg/Kg
Q2503-05	GCAP2A	SOIL	Arsenic	14.4		0.22	1.13	mg/Kg
Q2503-05	GCAP2A	SOIL	Barium	192		0.82	5.65	mg/Kg
Q2503-05	GCAP2A	SOIL	Beryllium	0.50		0.028	0.34	mg/Kg
Q2503-05	GCAP2A	SOIL	Cadmium	0.43		0.027	0.34	mg/Kg
Q2503-05	GCAP2A	SOIL	Calcium	7890		12.5	113	mg/Kg
Q2503-05	GCAP2A	SOIL	Chromium	12.3		0.053	0.56	mg/Kg
Q2503-05	GCAP2A	SOIL	Cobalt	7.54		0.11	1.69	mg/Kg
Q2503-05	GCAP2A	SOIL	Copper	2670		0.25	1.13	mg/Kg
Q2503-05	GCAP2A	SOIL	Iron	13100		4.51	5.65	mg/Kg
Q2503-05	GCAP2A	SOIL	Lead	387		0.15	0.68	mg/Kg
Q2503-05	GCAP2A	SOIL	Magnesium	468		13.6	113	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.:	Q2503	**Order ID:**	Q2503
Client:	G Environmental	**Project ID:**	Capra

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2503-05	GCAP2A	SOIL	Manganese	142		0.16	1.13	mg/Kg
Q2503-05	GCAP2A	SOIL	Mercury	4.69	D	0.090	0.16	mg/Kg
Q2503-05	GCAP2A	SOIL	Nickel	18.7		0.15	2.26	mg/Kg
Q2503-05	GCAP2A	SOIL	Potassium	400		31.3	113	mg/Kg
Q2503-05	GCAP2A	SOIL	Selenium	3.46		0.29	1.13	mg/Kg
Q2503-05	GCAP2A	SOIL	Silver	23.8		0.14	0.56	mg/Kg
Q2503-05	GCAP2A	SOIL	Sodium	195		20.1	113	mg/Kg
Q2503-05	GCAP2A	SOIL	Vanadium	32.5		0.28	2.26	mg/Kg
Q2503-05	GCAP2A	SOIL	Zinc	610		0.12	2.26	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2W	SDG No.:	Q2503
Lab Sample ID:	Q2503-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	112000	D	5	28.4	250	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-36-0	Antimony	41.0	JD	5	16.9	125	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-38-2	Arsenic	157	D	5	12.8	50.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-39-3	Barium	4570	D	5	36.4	250	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-41-7	Beryllium	12.2	JD	5	1.40	15.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-43-9	Cadmium	11.0	JD	5	1.25	15.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-70-2	Calcium	230000	D	5	585	5000	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-47-3	Chromium	253	D	5	5.30	25.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-48-4	Cobalt	166	D	5	5.65	75.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-50-8	Copper	3480	D	5	11.5	50.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7439-89-6	Iron	217000	D	5	58.5	250	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7439-92-1	Lead	12900	D	5	5.75	30.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7439-95-4	Magnesium	18700	D	5	610	5000	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7439-96-5	Manganese	3580	DN	5	14.9	50.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7439-97-6	Mercury	72.5	DN	25	1.90	5.00	ug/L	07/08/25 08:10	07/09/25 13:28	7470A	
7440-02-0	Nickel	551	D	5	7.65	100	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-09-7	Potassium	16900	D	5	2300	5000	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7782-49-2	Selenium	46.2	JD	5	24.1	50.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-22-4	Silver	24.8	JD	5	4.05	25.0	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-23-5	Sodium	20700	D	5	2170	5000	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-28-0	Thallium	19.5	JD	5	10.9	100	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-62-2	Vanadium	499	D	5	15.7	100	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010
7440-66-6	Zinc	11700	D	5	8.75	100	ug/L	07/07/25 10:15	07/09/25 19:08	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Mercury				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2A	SDG No.:	Q2503
Lab Sample ID:	Q2503-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	77

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3240		1	0.95	5.65	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-36-0	Antimony	2.74	JN	1	0.25	2.82	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-38-2	Arsenic	14.4		1	0.22	1.13	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-39-3	Barium	192		1	0.82	5.65	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-41-7	Beryllium	0.50	N	1	0.028	0.34	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-43-9	Cadmium	0.43		1	0.027	0.34	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-70-2	Calcium	7890		1	12.5	113	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-47-3	Chromium	12.3		1	0.053	0.56	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-48-4	Cobalt	7.54	N	1	0.11	1.69	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-50-8	Copper	2670	N	1	0.25	1.13	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7439-89-6	Iron	13100		1	4.51	5.65	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7439-92-1	Lead	387	*	1	0.15	0.68	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7439-95-4	Magnesium	468		1	13.6	113	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7439-96-5	Manganese	142	*	1	0.16	1.13	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7439-97-6	Mercury	4.69	D	10	0.090	0.16	mg/Kg	07/07/25 08:30	07/07/25 12:55	7471B	
7440-02-0	Nickel	18.7		1	0.15	2.26	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-09-7	Potassium	400		1	31.3	113	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7782-49-2	Selenium	3.46	N	1	0.29	1.13	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-22-4	Silver	23.8	N	1	0.14	0.56	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-23-5	Sodium	195	N	1	20.1	113	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.26	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-62-2	Vanadium	32.5	N*	1	0.28	2.26	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050
7440-66-6	Zinc	610		1	0.12	2.26	mg/Kg	07/07/25 10:05	07/09/25 19:21	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Mercury				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB17	Mercury	0.076	+/-0.2	U	0.20	CV	07/07/2025	11:56	LB136380

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	07/07/2025	12:00	LB136380
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	07/07/2025	12:36	LB136380
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	07/07/2025	13:00	LB136380

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB22	Mercury	0.076	+/-0.2	U	0.20	CV	07/09/2025	11:46	LB136403

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB70	Mercury	0.076	+/-0.2	U	0.20	CV	07/09/2025	11:50	LB136403
CCB71	Mercury	0.076	+/-0.2	U	0.20	CV	07/09/2025	12:20	LB136403
CCB72	Mercury	0.076	+/-0.2	U	0.20	CV	07/09/2025	12:58	LB136403
CCB73	Mercury	0.076	+/-0.2	U	0.20	CV	07/09/2025	13:33	LB136403

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	31.1	+/-50	J	100	P	07/09/2025	10:22	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	10:22	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	10:22	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	10:22	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	10:22	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	10:22	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	10:22	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	10:22	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	10:22	LB136407
	Iron	25.4	+/-50	J	100	P	07/09/2025	10:22	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	10:22	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Manganese	7.46	+/-10	J	20.0	P	07/09/2025	10:22	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	10:22	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	10:22	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	10:22	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	10:22	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	10:22	LB136407
	Zinc	4.21	+/-20	J	40.0	P	07/09/2025	10:22	LB136407

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	07/09/2025	10:57	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	10:57	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	10:57	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	10:57	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	10:57	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	10:57	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	10:57	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	10:57	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	10:57	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	10:57	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
CCB02	Aluminum	27.5	+/-50	J	100	P	07/09/2025	11:56	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	11:56	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	11:56	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	11:56	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	11:56	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	11:56	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	11:56	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	11:56	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	11:56	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	11:56	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	11:56	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	11:56	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	11:56	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	07/09/2025	11:56	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
CCB03	Aluminum	65.9	+/-50	J*	100	P	07/09/2025	12:58	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	12:58	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	12:58	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	12:58	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	12:58	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	12:58	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	12:58	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	12:58	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	12:58	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	12:58	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
CCB04	Aluminum	47.3	+/-50	J	100	P	07/09/2025	14:28	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	14:28	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	14:28	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	14:28	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	14:28	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	14:28	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	14:28	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	14:28	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	14:28	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Silver	7.86	+/-5	J*	10.0	P	07/09/2025	14:28	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
CCB05	Aluminum	26.6	+/-50	J	100	P	07/09/2025	15:33	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	15:33	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	15:33	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	15:33	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	15:33	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	15:33	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	15:33	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	15:33	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	15:33	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Silver	6.92	+/-5	J*	10.0	P	07/09/2025	15:33	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
CCB06	Aluminum	18.8	+/-50	J	100	P	07/09/2025	16:43	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	16:43	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	16:43	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	16:43	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	16:43	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	16:43	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	16:43	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	16:43	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	16:43	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	16:43	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	16:43	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	16:43	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Silver	3.51	+/-5	J	10.0	P	07/09/2025	16:43	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	16:43	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
CCB07	Aluminum	11.3	+/-50	U	100	P	07/09/2025	17:54	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	17:54	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	17:54	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	17:54	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	17:54	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	17:54	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	17:54	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	17:54	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	17:54	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Silver	2.23	+/-5	J	10.0	P	07/09/2025	17:54	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
CCB08	Aluminum	44.5	+/-50	J	100	P	07/09/2025	18:58	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	18:58	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	18:58	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	18:58	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	18:58	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	18:58	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	18:58	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	18:58	LB136407
	Lead	3.36	+/-6	J	12.0	P	07/09/2025	18:58	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Silver	2.96	+/-5	J	10.0	P	07/09/2025	18:58	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
CCB09	Aluminum	11.3	+/-50	U	100	P	07/09/2025	19:52	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	19:52	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	19:52	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	19:52	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	19:52	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	19:52	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	19:52	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	19:52	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	19:52	LB136407
	Lead	2.75	+/-6	J	12.0	P	07/09/2025	19:52	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	19:52	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	19:52	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Silver	2.59	+/-5	J	10.0	P	07/09/2025	19:52	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	19:52	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
CCB10	Aluminum	11.3	+/-50	U	100	P	07/09/2025	20:45	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	20:45	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	20:45	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	20:45	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	20:45	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	20:45	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	20:45	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	20:45	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	20:45	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Silver	1.92	+/-5	J	10.0	P	07/09/2025	20:45	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
CCB11	Aluminum	23.1	+/-50	J	100	P	07/09/2025	21:16	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	21:16	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	21:16	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	21:16	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	21:16	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	21:16	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	21:16	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	21:16	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	21:16	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	21:16	LB136407
	Lead	4.79	+/-6	J	12.0	P	07/09/2025	21:16	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	21:16	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	21:16	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	21:16	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	21:16	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	21:16	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	21:16	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	21:16	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	07/10/2025	18:55	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	18:55	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	18:55	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	18:55	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	18:55	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	18:55	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	18:55	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	18:55	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	18:55	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	18:55	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	18:55	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	18:55	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	18:55	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	18:55	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	07/10/2025	19:54	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	19:54	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	19:54	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	19:54	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	19:54	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	19:54	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	19:54	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	19:54	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	19:54	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	19:54	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
CCB02	Aluminum	11.3	+/-50	U	100	P	07/10/2025	21:04	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	21:04	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	21:04	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	21:04	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	21:04	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	21:04	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	21:04	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	21:04	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	21:04	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	21:04	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	07/10/2025	21:04	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
CCB03	Aluminum	11.3	+/-50	U	100	P	07/10/2025	22:36	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	22:36	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	22:36	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	22:36	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	22:36	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	22:36	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	22:36	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	22:36	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	22:36	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	22:36	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	22:36	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	22:36	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	22:36	LB136434
	Zinc	3.50	+/-20	J	40.0	P	07/10/2025	22:36	LB136434
CCB04	Aluminum	11.3	+/-50	U	100	P	07/10/2025	23:53	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	23:53	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	23:53	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	23:53	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	23:53	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	23:53	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	23:53	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	23:53	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	23:53	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	23:53	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
CCB05	Aluminum	11.3	+/-50	U	100	P	07/11/2025	00:51	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	00:51	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	00:51	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	00:51	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	00:51	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	00:51	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	00:51	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	00:51	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	00:51	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	00:51	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
CCB06	Aluminum	11.3	+/-50	U	100	P	07/11/2025	02:23	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	02:23	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	02:23	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	02:23	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	02:23	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	02:23	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	02:23	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	02:23	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	02:23	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	02:23	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	02:23	LB136434
	Manganese	8.75	+/-10	J	20.0	P	07/11/2025	02:23	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	02:23	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Silver	4.87	+/-5	J	10.0	P	07/11/2025	02:23	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	02:23	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
CCB07	Aluminum	11.3	+/-50	U	100	P	07/11/2025	03:26	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	03:26	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	03:26	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	03:26	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	03:26	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	03:26	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	03:26	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	03:26	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	03:26	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Manganese	9.63	+/-10	J	20.0	P	07/11/2025	03:26	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Silver	4.57	+/-5	J	10.0	P	07/11/2025	03:26	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
CCB08	Aluminum	11.3	+/-50	U	100	P	07/11/2025	04:27	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	04:27	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	04:27	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	04:27	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	04:27	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	04:27	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	04:27	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	04:27	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	04:27	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Silver	6.06	+/-5	J*	10.0	P	07/11/2025	04:27	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
CCB09	Aluminum	11.3	+/-50	U	100	P	07/11/2025	05:24	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	05:24	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	05:24	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	05:24	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	05:24	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	05:24	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	05:24	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	05:24	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	05:24	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	05:24	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	05:24	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	05:24	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Silver	2.97	+/-5	J	10.0	P	07/11/2025	05:24	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	05:24	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
CCB10	Aluminum	11.3	+/-50	U	100	P	07/11/2025	06:21	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	06:21	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	06:21	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	06:21	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	06:21	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	06:21	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	06:21	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	06:21	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	06:21	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	06:21	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
CCB11	Aluminum	11.3	+/-50	U	100	P	07/11/2025	06:47	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	06:47	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	06:47	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	06:47	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	06:47	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	06:47	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	06:47	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	06:47	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	06:47	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	06:47	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	06:47	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	06:47	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	06:47	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	06:47	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	06:47	LB136434

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	44.1	+/-50	J	100	P	07/17/2025	14:29	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	14:29	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	14:29	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	14:29	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	14:29	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	14:29	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	14:29	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	14:29	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	14:29	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	14:29	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	14:29	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	14:29	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	14:29	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	14:29	LB136534

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	34.3	+/-50	J	100	P	07/17/2025	15:01	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	15:01	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	15:01	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	15:01	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	15:01	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	15:01	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	15:01	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	15:01	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	15:01	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	15:01	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
CCB02	Aluminum	20.6	+/-50	J	100	P	07/17/2025	15:49	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	15:49	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	15:49	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	15:49	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	15:49	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	15:49	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	15:49	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	15:49	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	15:49	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	15:49	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	15:49	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	15:49	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	15:49	LB136534

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	07/17/2025	15:49	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
CCB03	Aluminum	30.1	+/-50	J	100	P	07/17/2025	17:36	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	17:36	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	17:36	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	17:36	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	17:36	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	17:36	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	17:36	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	17:36	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	17:36	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	17:36	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
CCB04	Aluminum	27.5	+/-50	J	100	P	07/17/2025	18:50	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	18:50	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	18:50	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	18:50	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	18:50	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	18:50	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	18:50	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	18:50	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	18:50	LB136534

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	18:50	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
CCB05	Aluminum	19.5	+/-50	J	100	P	07/17/2025	20:16	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	20:16	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	20:16	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	20:16	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	20:16	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	20:16	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	20:16	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	20:16	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	20:16	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	20:16	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
CCB06	Aluminum	12.5	+/-50	J	100	P	07/17/2025	20:51	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	20:51	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	20:51	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	20:51	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	20:51	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	20:51	LB136534

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	20:51	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	20:51	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	20:51	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	20:51	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	20:51	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	20:51	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	20:51	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	20:51	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	20:51	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	20:51	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	20:51	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	20:51	LB136534

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168743BL		**SOLID**		**Batch Number:**	**PB168743**		**Prep Date:**	**07/07/2025**	
	Mercury	0.0070	<0.013	U	0.013	CV	07/07/2025	12:09	LB136380

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168766BL		**WATER**		**Batch Number:**	**PB168766**		**Prep Date:**	**07/08/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	07/09/2025	12:37	LB136403

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Instrument: P5

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168739BL		**WATER**		**Batch Number:**	**PB168739**		**Prep Date:**	**07/07/2025**	
	Aluminum	5.67	<25	U	50.0	P	07/11/2025	00:56	LB136434
	Antimony	3.38	<12.5	U	25.0	P	07/11/2025	00:56	LB136434
	Arsenic	2.56	<5	U	10.0	P	07/11/2025	00:56	LB136434
	Barium	7.28	<25	U	50.0	P	07/11/2025	00:56	LB136434
	Beryllium	0.28	<1.5	U	3.00	P	07/11/2025	00:56	LB136434
	Cadmium	0.25	<1.5	U	3.00	P	07/11/2025	00:56	LB136434
	Calcium	117	<500	U	1000	P	07/11/2025	00:56	LB136434
	Chromium	1.06	<2.5	U	5.00	P	07/11/2025	00:56	LB136434
	Cobalt	1.13	<7.5	U	15.0	P	07/11/2025	00:56	LB136434
	Copper	2.30	<5	U	10.0	P	07/11/2025	00:56	LB136434
	Iron	11.7	<25	U	50.0	P	07/11/2025	00:56	LB136434
	Lead	1.15	<3	U	6.00	P	07/11/2025	00:56	LB136434
	Magnesium	122	<500	U	1000	P	07/11/2025	00:56	LB136434
	Manganese	2.97	<5	U	10.0	P	07/11/2025	00:56	LB136434
	Nickel	1.53	<10	U	20.0	P	07/11/2025	00:56	LB136434
	Potassium	459	<500	U	1000	P	07/11/2025	00:56	LB136434
	Selenium	4.82	<5	U	10.0	P	07/11/2025	00:56	LB136434
	Silver	0.81	<2.5	U	5.00	P	07/11/2025	00:56	LB136434
	Sodium	434	<500	U	1000	P	07/11/2025	00:56	LB136434
	Thallium	2.19	<10	U	20.0	P	07/11/2025	00:56	LB136434
	Vanadium	3.13	<10	U	20.0	P	07/11/2025	00:56	LB136434
	Zinc	1.75	<10	U	20.0	P	07/11/2025	00:56	LB136434

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168740BL		**SOLID**		**Batch Number:**	**PB168740**		**Prep Date:**	**07/07/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	07/11/2025	00:34	LB136434
	Antimony	0.22	<1.25	U	2.50	P	07/11/2025	00:34	LB136434
	Arsenic	0.19	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
	Barium	0.73	<2.5	U	5.00	P	07/11/2025	00:34	LB136434
	Beryllium	0.025	<0.15	U	0.30	P	07/11/2025	00:34	LB136434
	Cadmium	0.024	<0.15	U	0.30	P	07/11/2025	00:34	LB136434
	Calcium	11.1	<50	U	100	P	07/11/2025	00:34	LB136434
	Chromium	0.047	<0.25	U	0.50	P	07/11/2025	00:34	LB136434
	Cobalt	0.10	<0.75	U	1.50	P	07/11/2025	00:34	LB136434
	Copper	0.22	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
	Iron	3.99	<2.5	U	5.00	P	07/11/2025	00:34	LB136434
	Lead	0.13	<0.3	U	0.60	P	07/11/2025	00:34	LB136434
	Magnesium	12.0	<50	U	100	P	07/11/2025	00:34	LB136434
	Manganese	0.14	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
	Nickel	0.13	<1	U	2.00	P	07/11/2025	00:34	LB136434

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2503

Instrument: P5

Potassium	27.7	<50	U	100	P	07/11/2025	00:34	LB136434
Selenium	0.26	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
Silver	0.12	<0.25	U	0.50	P	07/11/2025	00:34	LB136434
Sodium	17.8	<50	U	100	P	07/11/2025	00:34	LB136434
Thallium	0.23	<1	U	2.00	P	07/11/2025	00:34	LB136434
Vanadium	0.25	<1	U	2.00	P	07/11/2025	00:34	LB136434
Zinc	0.11	<1	U	2.00	P	07/11/2025	00:34	LB136434

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV17	Mercury	3.77	4.0	94	90 - 110	CV	07/07/2025	11:53	LB136380

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental
SDG No.: Q2503
Contract: GENV01
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV54	Mercury	5.06	5.0	101	90 - 110	CV	07/07/2025	11:58	LB136380
CCV55	Mercury	5.12	5.0	102	90 - 110	CV	07/07/2025	12:34	LB136380
CCV56	Mercury	5.01	5.0	100	90 - 110	CV	07/07/2025	12:58	LB136380

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV22	Mercury	4.06	4.0	102	90 - 110	CV	07/09/2025	11:43	LB136403

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV70	Mercury	5.09	5.0	102	90 - 110	CV	07/09/2025	11:48	LB136403
CCV71	Mercury	4.91	5.0	98	90 - 110	CV	07/09/2025	12:18	LB136403
CCV72	Mercury	5.02	5.0	100	90 - 110	CV	07/09/2025	12:56	LB136403
CCV73	Mercury	4.90	5.0	98	90 - 110	CV	07/09/2025	13:31	LB136403

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7590	8000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Antimony	3910	4000	98	90 - 110	P	07/09/2025	10:05	LB136407
	Arsenic	3660	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Barium	7770	8000	97	90 - 110	P	07/09/2025	10:05	LB136407
	Beryllium	194	200	97	90 - 110	P	07/09/2025	10:05	LB136407
	Cadmium	1860	2000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Calcium	19100	20000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Chromium	784	800	98	90 - 110	P	07/09/2025	10:05	LB136407
	Cobalt	1910	2000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Copper	1000	1000	100	90 - 110	P	07/09/2025	10:05	LB136407
	Iron	3730	4000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Lead	3700	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Magnesium	19100	20000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Manganese	1920	2000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Nickel	1890	2000	94	90 - 110	P	07/09/2025	10:05	LB136407
	Potassium	18500	20000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Selenium	3760	4000	94	90 - 110	P	07/09/2025	10:05	LB136407
	Silver	1000	1000	100	90 - 110	P	07/09/2025	10:05	LB136407
	Sodium	19300	20000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Thallium	3680	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Vanadium	1940	2000	97	90 - 110	P	07/09/2025	10:05	LB136407
	Zinc	1950	2000	97	90 - 110	P	07/09/2025	10:05	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	96.1	100	96	80 - 120	P	07/09/2025	10:17	LB136407
	Antimony	49.5	50.0	99	80 - 120	P	07/09/2025	10:17	LB136407
	Arsenic	20.8	20.0	104	80 - 120	P	07/09/2025	10:17	LB136407
	Barium	101	100	101	80 - 120	P	07/09/2025	10:17	LB136407
	Beryllium	6.07	6.0	101	80 - 120	P	07/09/2025	10:17	LB136407
	Cadmium	5.40	6.0	90	80 - 120	P	07/09/2025	10:17	LB136407
	Calcium	1940	2000	97	80 - 120	P	07/09/2025	10:17	LB136407
	Chromium	10.3	10.0	103	80 - 120	P	07/09/2025	10:17	LB136407
	Cobalt	28.4	30.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Copper	22.7	20.0	114	80 - 120	P	07/09/2025	10:17	LB136407
	Iron	117	100	117	80 - 120	P	07/09/2025	10:17	LB136407
	Lead	11.2	12.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Magnesium	2100	2000	105	80 - 120	P	07/09/2025	10:17	LB136407
	Manganese	23.0	20.0	115	80 - 120	P	07/09/2025	10:17	LB136407
	Nickel	37.8	40.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Potassium	1760	2000	88	80 - 120	P	07/09/2025	10:17	LB136407
	Selenium	21.3	20.0	107	80 - 120	P	07/09/2025	10:17	LB136407
	Silver	9.46	10.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Sodium	1770	2000	88	80 - 120	P	07/09/2025	10:17	LB136407
	Thallium	37.7	40.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Vanadium	37.7	40.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Zinc	42.1	40.0	105	80 - 120	P	07/09/2025	10:17	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10300	10000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Antimony	5070	5000	101	90 - 110	P	07/09/2025	10:48	LB136407
	Arsenic	4990	5000	100	90 - 110	P	07/09/2025	10:48	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	10:48	LB136407
	Beryllium	259	250	104	90 - 110	P	07/09/2025	10:48	LB136407
	Cadmium	2520	2500	101	90 - 110	P	07/09/2025	10:48	LB136407
	Calcium	25400	25000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Chromium	1030	1000	103	90 - 110	P	07/09/2025	10:48	LB136407
	Cobalt	2480	2500	99	90 - 110	P	07/09/2025	10:48	LB136407
	Copper	1290	1250	104	90 - 110	P	07/09/2025	10:48	LB136407
	Iron	5010	5000	100	90 - 110	P	07/09/2025	10:48	LB136407
	Lead	5040	5000	101	90 - 110	P	07/09/2025	10:48	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	10:48	LB136407
	Manganese	2620	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
	Nickel	2470	2500	99	90 - 110	P	07/09/2025	10:48	LB136407
	Potassium	25800	25000	103	90 - 110	P	07/09/2025	10:48	LB136407
	Selenium	5080	5000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Silver	1260	1250	101	90 - 110	P	07/09/2025	10:48	LB136407
	Sodium	26500	25000	106	90 - 110	P	07/09/2025	10:48	LB136407
	Thallium	5100	5000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Vanadium	2630	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
	Zinc	2630	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
CCV02	Aluminum	9890	10000	99	90 - 110	P	07/09/2025	11:47	LB136407
	Antimony	5010	5000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Arsenic	4800	5000	96	90 - 110	P	07/09/2025	11:47	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	11:47	LB136407
	Beryllium	254	250	102	90 - 110	P	07/09/2025	11:47	LB136407
	Cadmium	2430	2500	97	90 - 110	P	07/09/2025	11:47	LB136407
	Calcium	25200	25000	101	90 - 110	P	07/09/2025	11:47	LB136407
	Chromium	997	1000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Cobalt	2400	2500	96	90 - 110	P	07/09/2025	11:47	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	11:47	LB136407
	Iron	4860	5000	97	90 - 110	P	07/09/2025	11:47	LB136407
	Lead	4860	5000	97	90 - 110	P	07/09/2025	11:47	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24200	25000	97	90 - 110	P	07/09/2025	11:47	LB136407
	Manganese	2580	2500	103	90 - 110	P	07/09/2025	11:47	LB136407
	Nickel	2400	2500	96	90 - 110	P	07/09/2025	11:47	LB136407
	Potassium	24100	25000	96	90 - 110	P	07/09/2025	11:47	LB136407
	Selenium	4960	5000	99	90 - 110	P	07/09/2025	11:47	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	11:47	LB136407
	Sodium	24500	25000	98	90 - 110	P	07/09/2025	11:47	LB136407
	Thallium	4990	5000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Vanadium	2600	2500	104	90 - 110	P	07/09/2025	11:47	LB136407
	Zinc	2590	2500	104	90 - 110	P	07/09/2025	11:47	LB136407
CCV03	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Antimony	5020	5000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Arsenic	4830	5000	96	90 - 110	P	07/09/2025	12:54	LB136407
	Barium	10800	10000	108	90 - 110	P	07/09/2025	12:54	LB136407
	Beryllium	257	250	103	90 - 110	P	07/09/2025	12:54	LB136407
	Cadmium	2440	2500	98	90 - 110	P	07/09/2025	12:54	LB136407
	Calcium	25500	25000	102	90 - 110	P	07/09/2025	12:54	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Cobalt	2410	2500	97	90 - 110	P	07/09/2025	12:54	LB136407
	Copper	1270	1250	102	90 - 110	P	07/09/2025	12:54	LB136407
	Iron	4930	5000	99	90 - 110	P	07/09/2025	12:54	LB136407
	Lead	4890	5000	98	90 - 110	P	07/09/2025	12:54	LB136407
	Magnesium	24500	25000	98	90 - 110	P	07/09/2025	12:54	LB136407
	Manganese	2590	2500	103	90 - 110	P	07/09/2025	12:54	LB136407
	Nickel	2410	2500	96	90 - 110	P	07/09/2025	12:54	LB136407
	Potassium	24700	25000	99	90 - 110	P	07/09/2025	12:54	LB136407
	Selenium	5010	5000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	12:54	LB136407
	Sodium	25000	25000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Thallium	5030	5000	101	90 - 110	P	07/09/2025	12:54	LB136407
	Vanadium	2590	2500	104	90 - 110	P	07/09/2025	12:54	LB136407
	Zinc	2600	2500	104	90 - 110	P	07/09/2025	12:54	LB136407
CCV04	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Antimony	5010	5000	100	90 - 110	P	07/09/2025	14:05	LB136407

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4860	5000	97	90 - 110	P	07/09/2025	14:05	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	14:05	LB136407
	Beryllium	259	250	104	90 - 110	P	07/09/2025	14:05	LB136407
	Cadmium	2460	2500	98	90 - 110	P	07/09/2025	14:05	LB136407
	Calcium	25700	25000	103	90 - 110	P	07/09/2025	14:05	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	14:05	LB136407
	Cobalt	2410	2500	96	90 - 110	P	07/09/2025	14:05	LB136407
	Copper	1280	1250	102	90 - 110	P	07/09/2025	14:05	LB136407
	Iron	5000	5000	100	90 - 110	P	07/09/2025	14:05	LB136407
	Lead	4930	5000	99	90 - 110	P	07/09/2025	14:05	LB136407
	Magnesium	24500	25000	98	90 - 110	P	07/09/2025	14:05	LB136407
	Manganese	2590	2500	104	90 - 110	P	07/09/2025	14:05	LB136407
	Nickel	2420	2500	97	90 - 110	P	07/09/2025	14:05	LB136407
	Potassium	25300	25000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Selenium	5050	5000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Silver	1260	1250	101	90 - 110	P	07/09/2025	14:05	LB136407
	Sodium	25800	25000	103	90 - 110	P	07/09/2025	14:05	LB136407
	Thallium	5080	5000	102	90 - 110	P	07/09/2025	14:05	LB136407
	Vanadium	2580	2500	103	90 - 110	P	07/09/2025	14:05	LB136407
	Zinc	2580	2500	103	90 - 110	P	07/09/2025	14:05	LB136407
CCV05	Aluminum	10200	10000	102	90 - 110	P	07/09/2025	15:27	LB136407
	Antimony	5170	5000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Arsenic	5070	5000	101	90 - 110	P	07/09/2025	15:27	LB136407
	Barium	10800	10000	108	90 - 110	P	07/09/2025	15:27	LB136407
	Beryllium	272	250	109	90 - 110	P	07/09/2025	15:27	LB136407
	Cadmium	2560	2500	103	90 - 110	P	07/09/2025	15:27	LB136407
	Calcium	26100	25000	104	90 - 110	P	07/09/2025	15:27	LB136407
	Chromium	1030	1000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Cobalt	2500	2500	100	90 - 110	P	07/09/2025	15:27	LB136407
	Copper	1340	1250	107	90 - 110	P	07/09/2025	15:27	LB136407
	Iron	5360	5000	107	90 - 110	P	07/09/2025	15:27	LB136407
	Lead	5130	5000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Magnesium	25100	25000	100	90 - 110	P	07/09/2025	15:27	LB136407
	Manganese	2600	2500	104	90 - 110	P	07/09/2025	15:27	LB136407

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2510	2500	100	90 - 110	P	07/09/2025	15:27	LB136407
	Potassium	26800	25000	107	90 - 110	P	07/09/2025	15:27	LB136407
	Selenium	5260	5000	105	90 - 110	P	07/09/2025	15:27	LB136407
	Silver	1280	1250	102	90 - 110	P	07/09/2025	15:27	LB136407
	Sodium	27100	25000	108	90 - 110	P	07/09/2025	15:27	LB136407
	Thallium	5270	5000	106	90 - 110	P	07/09/2025	15:27	LB136407
	Vanadium	2600	2500	104	90 - 110	P	07/09/2025	15:27	LB136407
	Zinc	2620	2500	105	90 - 110	P	07/09/2025	15:27	LB136407
CCV06	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Antimony	5040	5000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Arsenic	4880	5000	98	90 - 110	P	07/09/2025	16:39	LB136407
	Barium	10600	10000	106	90 - 110	P	07/09/2025	16:39	LB136407
	Beryllium	260	250	104	90 - 110	P	07/09/2025	16:39	LB136407
	Cadmium	2470	2500	99	90 - 110	P	07/09/2025	16:39	LB136407
	Calcium	25600	25000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	16:39	LB136407
	Cobalt	2430	2500	97	90 - 110	P	07/09/2025	16:39	LB136407
	Copper	1280	1250	103	90 - 110	P	07/09/2025	16:39	LB136407
	Iron	5080	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Lead	4940	5000	99	90 - 110	P	07/09/2025	16:39	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	16:39	LB136407
	Manganese	2580	2500	103	90 - 110	P	07/09/2025	16:39	LB136407
	Nickel	2430	2500	97	90 - 110	P	07/09/2025	16:39	LB136407
	Potassium	25300	25000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Selenium	5090	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Silver	1250	1250	100	90 - 110	P	07/09/2025	16:39	LB136407
	Sodium	25300	25000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Thallium	5110	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Vanadium	2570	2500	103	90 - 110	P	07/09/2025	16:39	LB136407
	Zinc	2560	2500	102	90 - 110	P	07/09/2025	16:39	LB136407
CCV07	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Antimony	4980	5000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Arsenic	4770	5000	95	90 - 110	P	07/09/2025	17:50	LB136407
	Barium	10500	10000	105	90 - 110	P	07/09/2025	17:50	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	258	250	103	90 - 110	P	07/09/2025	17:50	LB136407
	Cadmium	2420	2500	97	90 - 110	P	07/09/2025	17:50	LB136407
	Calcium	25500	25000	102	90 - 110	P	07/09/2025	17:50	LB136407
	Chromium	982	1000	98	90 - 110	P	07/09/2025	17:50	LB136407
	Cobalt	2380	2500	95	90 - 110	P	07/09/2025	17:50	LB136407
	Copper	1270	1250	102	90 - 110	P	07/09/2025	17:50	LB136407
	Iron	5070	5000	101	90 - 110	P	07/09/2025	17:50	LB136407
	Lead	4830	5000	97	90 - 110	P	07/09/2025	17:50	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	17:50	LB136407
	Manganese	2570	2500	103	90 - 110	P	07/09/2025	17:50	LB136407
	Nickel	2390	2500	96	90 - 110	P	07/09/2025	17:50	LB136407
	Potassium	23900	25000	96	90 - 110	P	07/09/2025	17:50	LB136407
	Selenium	5010	5000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	17:50	LB136407
	Sodium	24000	25000	96	90 - 110	P	07/09/2025	17:50	LB136407
	Thallium	5040	5000	101	90 - 110	P	07/09/2025	17:50	LB136407
	Vanadium	2540	2500	102	90 - 110	P	07/09/2025	17:50	LB136407
	Zinc	2520	2500	101	90 - 110	P	07/09/2025	17:50	LB136407
CCV08	Aluminum	9890	10000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Antimony	4930	5000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Arsenic	4700	5000	94	90 - 110	P	07/09/2025	18:54	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	18:54	LB136407
	Beryllium	255	250	102	90 - 110	P	07/09/2025	18:54	LB136407
	Cadmium	2400	2500	96	90 - 110	P	07/09/2025	18:54	LB136407
	Calcium	25100	25000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Chromium	966	1000	97	90 - 110	P	07/09/2025	18:54	LB136407
	Cobalt	2340	2500	94	90 - 110	P	07/09/2025	18:54	LB136407
	Copper	1250	1250	100	90 - 110	P	07/09/2025	18:54	LB136407
	Iron	5020	5000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Lead	4780	5000	96	90 - 110	P	07/09/2025	18:54	LB136407
	Magnesium	24300	25000	97	90 - 110	P	07/09/2025	18:54	LB136407
	Manganese	2520	2500	101	90 - 110	P	07/09/2025	18:54	LB136407
	Nickel	2370	2500	95	90 - 110	P	07/09/2025	18:54	LB136407
	Potassium	23500	25000	94	90 - 110	P	07/09/2025	18:54	LB136407

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4970	5000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Silver	1220	1250	98	90 - 110	P	07/09/2025	18:54	LB136407
	Sodium	23600	25000	94	90 - 110	P	07/09/2025	18:54	LB136407
	Thallium	5010	5000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Vanadium	2510	2500	101	90 - 110	P	07/09/2025	18:54	LB136407
	Zinc	2490	2500	100	90 - 110	P	07/09/2025	18:54	LB136407
CCV09	Aluminum	9970	10000	100	90 - 110	P	07/09/2025	19:48	LB136407
	Antimony	5030	5000	101	90 - 110	P	07/09/2025	19:48	LB136407
	Arsenic	4800	5000	96	90 - 110	P	07/09/2025	19:48	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	19:48	LB136407
	Beryllium	255	250	102	90 - 110	P	07/09/2025	19:48	LB136407
	Cadmium	2450	2500	98	90 - 110	P	07/09/2025	19:48	LB136407
	Calcium	25400	25000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Chromium	983	1000	98	90 - 110	P	07/09/2025	19:48	LB136407
	Cobalt	2390	2500	96	90 - 110	P	07/09/2025	19:48	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	19:48	LB136407
	Iron	5050	5000	101	90 - 110	P	07/09/2025	19:48	LB136407
	Lead	4870	5000	97	90 - 110	P	07/09/2025	19:48	LB136407
	Magnesium	24400	25000	98	90 - 110	P	07/09/2025	19:48	LB136407
	Manganese	2550	2500	102	90 - 110	P	07/09/2025	19:48	LB136407
	Nickel	2410	2500	97	90 - 110	P	07/09/2025	19:48	LB136407
	Potassium	23800	25000	95	90 - 110	P	07/09/2025	19:48	LB136407
	Selenium	5080	5000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Silver	1250	1250	100	90 - 110	P	07/09/2025	19:48	LB136407
	Sodium	23700	25000	95	90 - 110	P	07/09/2025	19:48	LB136407
	Thallium	5120	5000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Vanadium	2540	2500	102	90 - 110	P	07/09/2025	19:48	LB136407
	Zinc	2540	2500	101	90 - 110	P	07/09/2025	19:48	LB136407
CCV10	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	20:41	LB136407
	Antimony	5140	5000	103	90 - 110	P	07/09/2025	20:41	LB136407
	Arsenic	4910	5000	98	90 - 110	P	07/09/2025	20:41	LB136407
	Barium	10600	10000	106	90 - 110	P	07/09/2025	20:41	LB136407
	Beryllium	260	250	104	90 - 110	P	07/09/2025	20:41	LB136407
	Cadmium	2510	2500	100	90 - 110	P	07/09/2025	20:41	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	25900	25000	103	90 - 110	P	07/09/2025	20:41	LB136407
	Chromium	1010	1000	101	90 - 110	P	07/09/2025	20:41	LB136407
	Cobalt	2440	2500	98	90 - 110	P	07/09/2025	20:41	LB136407
	Copper	1280	1250	102	90 - 110	P	07/09/2025	20:41	LB136407
	Iron	5110	5000	102	90 - 110	P	07/09/2025	20:41	LB136407
	Lead	4990	5000	100	90 - 110	P	07/09/2025	20:41	LB136407
	Magnesium	24800	25000	99	90 - 110	P	07/09/2025	20:41	LB136407
	Manganese	2610	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
	Nickel	2470	2500	99	90 - 110	P	07/09/2025	20:41	LB136407
	Potassium	24600	25000	98	90 - 110	P	07/09/2025	20:41	LB136407
	Selenium	5200	5000	104	90 - 110	P	07/09/2025	20:41	LB136407
	Silver	1270	1250	102	90 - 110	P	07/09/2025	20:41	LB136407
	Sodium	24200	25000	97	90 - 110	P	07/09/2025	20:41	LB136407
	Thallium	5230	5000	105	90 - 110	P	07/09/2025	20:41	LB136407
	Vanadium	2590	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
	Zinc	2610	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
CCV11	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	21:12	LB136407
	Antimony	4990	5000	100	90 - 110	P	07/09/2025	21:12	LB136407
	Arsenic	4740	5000	95	90 - 110	P	07/09/2025	21:12	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	21:12	LB136407
	Beryllium	257	250	103	90 - 110	P	07/09/2025	21:12	LB136407
	Cadmium	2420	2500	97	90 - 110	P	07/09/2025	21:12	LB136407
	Calcium	25300	25000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Chromium	975	1000	98	90 - 110	P	07/09/2025	21:12	LB136407
	Cobalt	2360	2500	95	90 - 110	P	07/09/2025	21:12	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	21:12	LB136407
	Iron	5070	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Lead	4820	5000	96	90 - 110	P	07/09/2025	21:12	LB136407
	Magnesium	24400	25000	98	90 - 110	P	07/09/2025	21:12	LB136407
	Manganese	2560	2500	102	90 - 110	P	07/09/2025	21:12	LB136407
	Nickel	2390	2500	96	90 - 110	P	07/09/2025	21:12	LB136407
	Potassium	23900	25000	96	90 - 110	P	07/09/2025	21:12	LB136407
	Selenium	5050	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	21:12	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	23800	25000	95	90 - 110	P	07/09/2025	21:12	LB136407
	Thallium	5060	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Vanadium	2550	2500	102	90 - 110	P	07/09/2025	21:12	LB136407
	Zinc	2540	2500	102	90 - 110	P	07/09/2025	21:12	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7800	8000	98	90 - 110	P	07/10/2025	18:39	LB136434
	Antimony	4020	4000	100	90 - 110	P	07/10/2025	18:39	LB136434
	Arsenic	3950	4000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Barium	7860	8000	98	90 - 110	P	07/10/2025	18:39	LB136434
	Beryllium	209	200	105	90 - 110	P	07/10/2025	18:39	LB136434
	Cadmium	2050	2000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Calcium	19800	20000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Chromium	800	800	100	90 - 110	P	07/10/2025	18:39	LB136434
	Cobalt	1910	2000	96	90 - 110	P	07/10/2025	18:39	LB136434
	Copper	1040	1000	104	90 - 110	P	07/10/2025	18:39	LB136434
	Iron	4100	4000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Lead	4060	4000	101	90 - 110	P	07/10/2025	18:39	LB136434
	Magnesium	20300	20000	102	90 - 110	P	07/10/2025	18:39	LB136434
	Manganese	1980	2000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Nickel	1990	2000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Potassium	18600	20000	93	90 - 110	P	07/10/2025	18:39	LB136434
	Selenium	4190	4000	105	90 - 110	P	07/10/2025	18:39	LB136434
	Silver	911	1000	91	90 - 110	P	07/10/2025	18:39	LB136434
	Sodium	19200	20000	96	90 - 110	P	07/10/2025	18:39	LB136434
	Thallium	4110	4000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Vanadium	2000	2000	100	90 - 110	P	07/10/2025	18:39	LB136434
	Zinc	1990	2000	100	90 - 110	P	07/10/2025	18:39	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	97.2	100	97	80 - 120	P	07/10/2025	18:51	LB136434
	Antimony	54.4	50.0	109	80 - 120	P	07/10/2025	18:51	LB136434
	Arsenic	21.2	20.0	106	80 - 120	P	07/10/2025	18:51	LB136434
	Barium	98.6	100	99	80 - 120	P	07/10/2025	18:51	LB136434
	Beryllium	6.44	6.0	107	80 - 120	P	07/10/2025	18:51	LB136434
	Cadmium	5.61	6.0	93	80 - 120	P	07/10/2025	18:51	LB136434
	Calcium	2140	2000	107	80 - 120	P	07/10/2025	18:51	LB136434
	Chromium	10.5	10.0	105	80 - 120	P	07/10/2025	18:51	LB136434
	Cobalt	29.4	30.0	98	80 - 120	P	07/10/2025	18:51	LB136434
	Copper	21.6	20.0	108	80 - 120	P	07/10/2025	18:51	LB136434
	Iron	118	100	118	80 - 120	P	07/10/2025	18:51	LB136434
	Lead	13.2	12.0	110	80 - 120	P	07/10/2025	18:51	LB136434
	Magnesium	2260	2000	113	80 - 120	P	07/10/2025	18:51	LB136434
	Manganese	22.9	20.0	114	80 - 120	P	07/10/2025	18:51	LB136434
	Nickel	39.6	40.0	99	80 - 120	P	07/10/2025	18:51	LB136434
	Potassium	1810	2000	91	80 - 120	P	07/10/2025	18:51	LB136434
	Selenium	20.6	20.0	103	80 - 120	P	07/10/2025	18:51	LB136434
	Silver	10.9	10.0	110	80 - 120	P	07/10/2025	18:51	LB136434
	Sodium	1810	2000	90	80 - 120	P	07/10/2025	18:51	LB136434
	Thallium	40.2	40.0	100	80 - 120	P	07/10/2025	18:51	LB136434
	Vanadium	38.1	40.0	95	80 - 120	P	07/10/2025	18:51	LB136434
	Zinc	46.1	40.0	115	80 - 120	P	07/10/2025	18:51	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9940	10000	99	90 - 110	P	07/10/2025	19:43	LB136434
	Antimony	5010	5000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Arsenic	4910	5000	98	90 - 110	P	07/10/2025	19:43	LB136434
	Barium	10200	10000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Beryllium	257	250	103	90 - 110	P	07/10/2025	19:43	LB136434
	Cadmium	2510	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
	Calcium	25500	25000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Chromium	1010	1000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Cobalt	2470	2500	99	90 - 110	P	07/10/2025	19:43	LB136434
	Copper	1270	1250	102	90 - 110	P	07/10/2025	19:43	LB136434
	Iron	5140	5000	103	90 - 110	P	07/10/2025	19:43	LB136434
	Lead	4980	5000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Magnesium	25400	25000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Manganese	2550	2500	102	90 - 110	P	07/10/2025	19:43	LB136434
	Nickel	2490	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
	Potassium	25600	25000	103	90 - 110	P	07/10/2025	19:43	LB136434
	Selenium	5060	5000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Silver	1280	1250	103	90 - 110	P	07/10/2025	19:43	LB136434
	Sodium	25000	25000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Thallium	5090	5000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Vanadium	2540	2500	102	90 - 110	P	07/10/2025	19:43	LB136434
	Zinc	2500	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
CCV02	Aluminum	9360	10000	94	90 - 110	P	07/10/2025	20:59	LB136434
	Antimony	4760	5000	95	90 - 110	P	07/10/2025	20:59	LB136434
	Arsenic	4640	5000	93	90 - 110	P	07/10/2025	20:59	LB136434
	Barium	9760	10000	98	90 - 110	P	07/10/2025	20:59	LB136434
	Beryllium	251	250	100	90 - 110	P	07/10/2025	20:59	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/10/2025	20:59	LB136434
	Calcium	24300	25000	97	90 - 110	P	07/10/2025	20:59	LB136434
	Chromium	962	1000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Cobalt	2320	2500	93	90 - 110	P	07/10/2025	20:59	LB136434
	Copper	1230	1250	99	90 - 110	P	07/10/2025	20:59	LB136434
	Iron	5010	5000	100	90 - 110	P	07/10/2025	20:59	LB136434
	Lead	4710	5000	94	90 - 110	P	07/10/2025	20:59	LB136434

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24300	25000	97	90 - 110	P	07/10/2025	20:59	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/10/2025	20:59	LB136434
	Nickel	2350	2500	94	90 - 110	P	07/10/2025	20:59	LB136434
	Potassium	25900	25000	104	90 - 110	P	07/10/2025	20:59	LB136434
	Selenium	4800	5000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Silver	1220	1250	97	90 - 110	P	07/10/2025	20:59	LB136434
	Sodium	25000	25000	100	90 - 110	P	07/10/2025	20:59	LB136434
	Thallium	4840	5000	97	90 - 110	P	07/10/2025	20:59	LB136434
	Vanadium	2430	2500	97	90 - 110	P	07/10/2025	20:59	LB136434
	Zinc	2370	2500	95	90 - 110	P	07/10/2025	20:59	LB136434
CCV03	Aluminum	9640	10000	96	90 - 110	P	07/10/2025	22:32	LB136434
	Antimony	4880	5000	98	90 - 110	P	07/10/2025	22:32	LB136434
	Arsenic	4830	5000	96	90 - 110	P	07/10/2025	22:32	LB136434
	Barium	10000	10000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Beryllium	255	250	102	90 - 110	P	07/10/2025	22:32	LB136434
	Cadmium	2480	2500	99	90 - 110	P	07/10/2025	22:32	LB136434
	Calcium	24900	25000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Chromium	997	1000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Cobalt	2410	2500	96	90 - 110	P	07/10/2025	22:32	LB136434
	Copper	1270	1250	102	90 - 110	P	07/10/2025	22:32	LB136434
	Iron	5140	5000	103	90 - 110	P	07/10/2025	22:32	LB136434
	Lead	4930	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Magnesium	24800	25000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Manganese	2510	2500	100	90 - 110	P	07/10/2025	22:32	LB136434
	Nickel	2440	2500	97	90 - 110	P	07/10/2025	22:32	LB136434
	Potassium	26900	25000	108	90 - 110	P	07/10/2025	22:32	LB136434
	Selenium	4940	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Silver	1250	1250	100	90 - 110	P	07/10/2025	22:32	LB136434
	Sodium	26500	25000	106	90 - 110	P	07/10/2025	22:32	LB136434
	Thallium	4990	5000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Vanadium	2490	2500	100	90 - 110	P	07/10/2025	22:32	LB136434
	Zinc	2450	2500	98	90 - 110	P	07/10/2025	22:32	LB136434
CCV04	Aluminum	9350	10000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Antimony	4640	5000	93	90 - 110	P	07/10/2025	23:29	LB136434

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4600	5000	92	90 - 110	P	07/10/2025	23:29	LB136434
	Barium	9570	10000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Beryllium	246	250	98	90 - 110	P	07/10/2025	23:29	LB136434
	Cadmium	2350	2500	94	90 - 110	P	07/10/2025	23:29	LB136434
	Calcium	23900	25000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Chromium	957	1000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Cobalt	2290	2500	92	90 - 110	P	07/10/2025	23:29	LB136434
	Copper	1220	1250	97	90 - 110	P	07/10/2025	23:29	LB136434
	Iron	4890	5000	98	90 - 110	P	07/10/2025	23:29	LB136434
	Lead	4690	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Magnesium	23900	25000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Manganese	2400	2500	96	90 - 110	P	07/10/2025	23:29	LB136434
	Nickel	2310	2500	92	90 - 110	P	07/10/2025	23:29	LB136434
	Potassium	25900	25000	104	90 - 110	P	07/10/2025	23:29	LB136434
	Selenium	4700	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Silver	1200	1250	96	90 - 110	P	07/10/2025	23:29	LB136434
	Sodium	25600	25000	102	90 - 110	P	07/10/2025	23:29	LB136434
	Thallium	4730	5000	95	90 - 110	P	07/10/2025	23:29	LB136434
	Vanadium	2410	2500	96	90 - 110	P	07/10/2025	23:29	LB136434
	Zinc	2340	2500	94	90 - 110	P	07/10/2025	23:29	LB136434
CCV05	Aluminum	9510	10000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Antimony	4770	5000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Barium	9800	10000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Beryllium	250	250	100	90 - 110	P	07/11/2025	00:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	00:47	LB136434
	Calcium	24200	25000	97	90 - 110	P	07/11/2025	00:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Cobalt	2370	2500	95	90 - 110	P	07/11/2025	00:47	LB136434
	Copper	1240	1250	100	90 - 110	P	07/11/2025	00:47	LB136434
	Iron	4950	5000	99	90 - 110	P	07/11/2025	00:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Magnesium	24100	25000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Manganese	2460	2500	98	90 - 110	P	07/11/2025	00:47	LB136434

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2370	2500	95	90 - 110	P	07/11/2025	00:47	LB136434
	Potassium	27100	25000	108	90 - 110	P	07/11/2025	00:47	LB136434
	Selenium	4790	5000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Silver	1220	1250	97	90 - 110	P	07/11/2025	00:47	LB136434
	Sodium	26600	25000	106	90 - 110	P	07/11/2025	00:47	LB136434
	Thallium	4840	5000	97	90 - 110	P	07/11/2025	00:47	LB136434
	Vanadium	2470	2500	99	90 - 110	P	07/11/2025	00:47	LB136434
	Zinc	2430	2500	97	90 - 110	P	07/11/2025	00:47	LB136434
CCV06	Aluminum	9520	10000	95	90 - 110	P	07/11/2025	01:47	LB136434
	Antimony	4790	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Arsenic	4780	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Barium	9810	10000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Beryllium	248	250	99	90 - 110	P	07/11/2025	01:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	01:47	LB136434
	Calcium	24100	25000	97	90 - 110	P	07/11/2025	01:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Cobalt	2370	2500	95	90 - 110	P	07/11/2025	01:47	LB136434
	Copper	1240	1250	99	90 - 110	P	07/11/2025	01:47	LB136434
	Iron	4890	5000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Magnesium	24200	25000	97	90 - 110	P	07/11/2025	01:47	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/11/2025	01:47	LB136434
	Nickel	2370	2500	95	90 - 110	P	07/11/2025	01:47	LB136434
	Potassium	26200	25000	105	90 - 110	P	07/11/2025	01:47	LB136434
	Selenium	4810	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Silver	1220	1250	97	90 - 110	P	07/11/2025	01:47	LB136434
	Sodium	26400	25000	106	90 - 110	P	07/11/2025	01:47	LB136434
	Thallium	4840	5000	97	90 - 110	P	07/11/2025	01:47	LB136434
	Vanadium	2470	2500	99	90 - 110	P	07/11/2025	01:47	LB136434
	Zinc	2440	2500	98	90 - 110	P	07/11/2025	01:47	LB136434
CCV07	Aluminum	9390	10000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Antimony	4710	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Arsenic	4640	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Barium	9540	10000	95	90 - 110	P	07/11/2025	03:17	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	236	250	95	90 - 110	P	07/11/2025	03:17	LB136434
	Cadmium	2330	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Calcium	23700	25000	95	90 - 110	P	07/11/2025	03:17	LB136434
	Chromium	961	1000	96	90 - 110	P	07/11/2025	03:17	LB136434
	Cobalt	2330	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Copper	1180	1250	94	90 - 110	P	07/11/2025	03:17	LB136434
	Iron	4630	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Lead	4670	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Magnesium	23600	25000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Manganese	2400	2500	96	90 - 110	P	07/11/2025	03:17	LB136434
	Nickel	2320	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Potassium	23800	25000	95	90 - 110	P	07/11/2025	03:17	LB136434
	Selenium	4670	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Silver	1200	1250	96	90 - 110	P	07/11/2025	03:17	LB136434
	Sodium	24200	25000	97	90 - 110	P	07/11/2025	03:17	LB136434
	Thallium	4710	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Vanadium	2420	2500	97	90 - 110	P	07/11/2025	03:17	LB136434
	Zinc	2380	2500	95	90 - 110	P	07/11/2025	03:17	LB136434
CCV08	Aluminum	9520	10000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Antimony	4760	5000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Barium	9730	10000	97	90 - 110	P	07/11/2025	04:18	LB136434
	Beryllium	244	250	98	90 - 110	P	07/11/2025	04:18	LB136434
	Cadmium	2400	2500	96	90 - 110	P	07/11/2025	04:18	LB136434
	Calcium	23800	25000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Chromium	987	1000	99	90 - 110	P	07/11/2025	04:18	LB136434
	Cobalt	2390	2500	96	90 - 110	P	07/11/2025	04:18	LB136434
	Copper	1220	1250	98	90 - 110	P	07/11/2025	04:18	LB136434
	Iron	4780	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Magnesium	23700	25000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Manganese	2430	2500	97	90 - 110	P	07/11/2025	04:18	LB136434
	Nickel	2370	2500	95	90 - 110	P	07/11/2025	04:18	LB136434
	Potassium	26600	25000	106	90 - 110	P	07/11/2025	04:18	LB136434

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4720	5000	94	90 - 110	P	07/11/2025	04:18	LB136434
	Silver	1220	1250	98	90 - 110	P	07/11/2025	04:18	LB136434
	Sodium	26800	25000	107	90 - 110	P	07/11/2025	04:18	LB136434
	Thallium	4790	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Vanadium	2470	2500	99	90 - 110	P	07/11/2025	04:18	LB136434
	Zinc	2440	2500	98	90 - 110	P	07/11/2025	04:18	LB136434
CCV09	Aluminum	9800	10000	98	90 - 110	P	07/11/2025	05:19	LB136434
	Antimony	4830	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Arsenic	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Barium	9960	10000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Beryllium	246	250	99	90 - 110	P	07/11/2025	05:19	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/11/2025	05:19	LB136434
	Calcium	24400	25000	97	90 - 110	P	07/11/2025	05:19	LB136434
	Chromium	1000	1000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Cobalt	2400	2500	96	90 - 110	P	07/11/2025	05:19	LB136434
	Copper	1250	1250	100	90 - 110	P	07/11/2025	05:19	LB136434
	Iron	4810	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Lead	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Magnesium	24200	25000	97	90 - 110	P	07/11/2025	05:19	LB136434
	Manganese	2490	2500	100	90 - 110	P	07/11/2025	05:19	LB136434
	Nickel	2370	2500	95	90 - 110	P	07/11/2025	05:19	LB136434
	Potassium	25600	25000	102	90 - 110	P	07/11/2025	05:19	LB136434
	Selenium	4720	5000	94	90 - 110	P	07/11/2025	05:19	LB136434
	Silver	1240	1250	99	90 - 110	P	07/11/2025	05:19	LB136434
	Sodium	26100	25000	104	90 - 110	P	07/11/2025	05:19	LB136434
	Thallium	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Vanadium	2540	2500	102	90 - 110	P	07/11/2025	05:19	LB136434
	Zinc	2500	2500	100	90 - 110	P	07/11/2025	05:19	LB136434
CCV10	Aluminum	9570	10000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Antimony	4770	5000	95	90 - 110	P	07/11/2025	06:16	LB136434
	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Barium	9830	10000	98	90 - 110	P	07/11/2025	06:16	LB136434
	Beryllium	242	250	97	90 - 110	P	07/11/2025	06:16	LB136434
	Cadmium	2390	2500	96	90 - 110	P	07/11/2025	06:16	LB136434

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23700	25000	95	90 - 110	P	07/11/2025	06:16	LB136434
	Chromium	988	1000	99	90 - 110	P	07/11/2025	06:16	LB136434
	Cobalt	2390	2500	96	90 - 110	P	07/11/2025	06:16	LB136434
	Copper	1220	1250	98	90 - 110	P	07/11/2025	06:16	LB136434
	Iron	4700	5000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Lead	4800	5000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Magnesium	23600	25000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/11/2025	06:16	LB136434
	Nickel	2360	2500	94	90 - 110	P	07/11/2025	06:16	LB136434
	Potassium	26000	25000	104	90 - 110	P	07/11/2025	06:16	LB136434
	Selenium	4710	5000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:16	LB136434
	Sodium	26700	25000	107	90 - 110	P	07/11/2025	06:16	LB136434
	Thallium	4770	5000	95	90 - 110	P	07/11/2025	06:16	LB136434
	Vanadium	2490	2500	100	90 - 110	P	07/11/2025	06:16	LB136434
	Zinc	2470	2500	99	90 - 110	P	07/11/2025	06:16	LB136434
CCV11	Aluminum	9570	10000	96	90 - 110	P	07/11/2025	06:43	LB136434
	Antimony	4730	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Barium	9790	10000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Beryllium	241	250	96	90 - 110	P	07/11/2025	06:43	LB136434
	Cadmium	2370	2500	95	90 - 110	P	07/11/2025	06:43	LB136434
	Calcium	23900	25000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Chromium	982	1000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Cobalt	2370	2500	95	90 - 110	P	07/11/2025	06:43	LB136434
	Copper	1210	1250	97	90 - 110	P	07/11/2025	06:43	LB136434
	Iron	4700	5000	94	90 - 110	P	07/11/2025	06:43	LB136434
	Lead	4770	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Magnesium	23700	25000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/11/2025	06:43	LB136434
	Nickel	2340	2500	94	90 - 110	P	07/11/2025	06:43	LB136434
	Potassium	25900	25000	103	90 - 110	P	07/11/2025	06:43	LB136434
	Selenium	4660	5000	93	90 - 110	P	07/11/2025	06:43	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:43	LB136434

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	26400	25000	106	90 - 110	P	07/11/2025	06:43	LB136434
	Thallium	4710	5000	94	90 - 110	P	07/11/2025	06:43	LB136434
	Vanadium	2460	2500	98	90 - 110	P	07/11/2025	06:43	LB136434
	Zinc	2440	2500	98	90 - 110	P	07/11/2025	06:43	LB136434

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7880	8000	98	90 - 110	P	07/17/2025	14:14	LB136534
	Antimony	4110	4000	103	90 - 110	P	07/17/2025	14:14	LB136534
	Arsenic	3840	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Barium	8020	8000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Beryllium	200	200	100	90 - 110	P	07/17/2025	14:14	LB136534
	Cadmium	1950	2000	97	90 - 110	P	07/17/2025	14:14	LB136534
	Calcium	19900	20000	99	90 - 110	P	07/17/2025	14:14	LB136534
	Chromium	791	800	99	90 - 110	P	07/17/2025	14:14	LB136534
	Cobalt	2000	2000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Copper	1020	1000	102	90 - 110	P	07/17/2025	14:14	LB136534
	Iron	3850	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Lead	3860	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Magnesium	20100	20000	101	90 - 110	P	07/17/2025	14:14	LB136534
	Manganese	2000	2000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Nickel	1990	2000	99	90 - 110	P	07/17/2025	14:14	LB136534
	Potassium	18100	20000	91	90 - 110	P	07/17/2025	14:14	LB136534
	Selenium	3940	4000	98	90 - 110	P	07/17/2025	14:14	LB136534
	Silver	936	1000	94	90 - 110	P	07/17/2025	14:14	LB136534
	Sodium	18700	20000	94	90 - 110	P	07/17/2025	14:14	LB136534
	Thallium	3850	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Vanadium	2000	2000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Zinc	2010	2000	100	90 - 110	P	07/17/2025	14:14	LB136534

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	119	100	119	80 - 120	P	07/17/2025	14:24	LB136534
	Antimony	52.4	50.0	105	80 - 120	P	07/17/2025	14:24	LB136534
	Arsenic	16.9	20.0	84	80 - 120	P	07/17/2025	14:24	LB136534
	Barium	102	100	102	80 - 120	P	07/17/2025	14:24	LB136534
	Beryllium	6.21	6.0	104	80 - 120	P	07/17/2025	14:24	LB136534
	Cadmium	5.65	6.0	94	80 - 120	P	07/17/2025	14:24	LB136534
	Calcium	2050	2000	103	80 - 120	P	07/17/2025	14:24	LB136534
	Chromium	10.2	10.0	102	80 - 120	P	07/17/2025	14:24	LB136534
	Cobalt	30.3	30.0	101	80 - 120	P	07/17/2025	14:24	LB136534
	Copper	21.3	20.0	107	80 - 120	P	07/17/2025	14:24	LB136534
	Iron	110	100	110	80 - 120	P	07/17/2025	14:24	LB136534
	Lead	10.9	12.0	91	80 - 120	P	07/17/2025	14:24	LB136534
	Magnesium	2220	2000	111	80 - 120	P	07/17/2025	14:24	LB136534
	Manganese	21.1	20.0	106	80 - 120	P	07/17/2025	14:24	LB136534
	Nickel	39.7	40.0	99	80 - 120	P	07/17/2025	14:24	LB136534
	Potassium	1740	2000	87	80 - 120	P	07/17/2025	14:24	LB136534
	Selenium	17.6	20.0	88	80 - 120	P	07/17/2025	14:24	LB136534
	Silver	10.5	10.0	105	80 - 120	P	07/17/2025	14:24	LB136534
	Sodium	1750	2000	87	80 - 120	P	07/17/2025	14:24	LB136534
	Thallium	41.1	40.0	103	80 - 120	P	07/17/2025	14:24	LB136534
	Vanadium	40.0	40.0	100	80 - 120	P	07/17/2025	14:24	LB136534
	Zinc	42.6	40.0	106	80 - 120	P	07/17/2025	14:24	LB136534

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9950	10000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Antimony	5020	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Arsenic	4950	5000	99	90 - 110	P	07/17/2025	14:56	LB136534
	Barium	10100	10000	101	90 - 110	P	07/17/2025	14:56	LB136534
	Beryllium	254	250	102	90 - 110	P	07/17/2025	14:56	LB136534
	Cadmium	2500	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Calcium	25100	25000	101	90 - 110	P	07/17/2025	14:56	LB136534
	Chromium	1020	1000	102	90 - 110	P	07/17/2025	14:56	LB136534
	Cobalt	2500	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Copper	1260	1250	101	90 - 110	P	07/17/2025	14:56	LB136534
	Iron	5020	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Lead	4990	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Magnesium	25100	25000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Manganese	2510	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Nickel	2500	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Potassium	25400	25000	102	90 - 110	P	07/17/2025	14:56	LB136534
	Selenium	5010	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Silver	1270	1250	102	90 - 110	P	07/17/2025	14:56	LB136534
	Sodium	25400	25000	102	90 - 110	P	07/17/2025	14:56	LB136534
	Thallium	5050	5000	101	90 - 110	P	07/17/2025	14:56	LB136534
	Vanadium	2510	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Zinc	2520	2500	101	90 - 110	P	07/17/2025	14:56	LB136534
CCV02	Aluminum	9800	10000	98	90 - 110	P	07/17/2025	15:44	LB136534
	Antimony	4760	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Arsenic	4730	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Barium	9920	10000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Beryllium	250	250	100	90 - 110	P	07/17/2025	15:44	LB136534
	Cadmium	2410	2500	96	90 - 110	P	07/17/2025	15:44	LB136534
	Calcium	24700	25000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Chromium	986	1000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Cobalt	2390	2500	96	90 - 110	P	07/17/2025	15:44	LB136534
	Copper	1240	1250	100	90 - 110	P	07/17/2025	15:44	LB136534
	Iron	4950	5000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Lead	4810	5000	96	90 - 110	P	07/17/2025	15:44	LB136534

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24500	25000	98	90 - 110	P	07/17/2025	15:44	LB136534
	Manganese	2470	2500	99	90 - 110	P	07/17/2025	15:44	LB136534
	Nickel	2400	2500	96	90 - 110	P	07/17/2025	15:44	LB136534
	Potassium	24700	25000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Selenium	4770	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Silver	1230	1250	98	90 - 110	P	07/17/2025	15:44	LB136534
	Sodium	24900	25000	100	90 - 110	P	07/17/2025	15:44	LB136534
	Thallium	4820	5000	96	90 - 110	P	07/17/2025	15:44	LB136534
	Vanadium	2450	2500	98	90 - 110	P	07/17/2025	15:44	LB136534
	Zinc	2440	2500	98	90 - 110	P	07/17/2025	15:44	LB136534
CCV03	Aluminum	10100	10000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Antimony	4980	5000	100	90 - 110	P	07/17/2025	17:18	LB136534
	Arsenic	4960	5000	99	90 - 110	P	07/17/2025	17:18	LB136534
	Barium	10100	10000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Beryllium	258	250	103	90 - 110	P	07/17/2025	17:18	LB136534
	Cadmium	2520	2500	101	90 - 110	P	07/17/2025	17:18	LB136534
	Calcium	25300	25000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Chromium	1020	1000	102	90 - 110	P	07/17/2025	17:18	LB136534
	Cobalt	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Copper	1280	1250	103	90 - 110	P	07/17/2025	17:18	LB136534
	Iron	5110	5000	102	90 - 110	P	07/17/2025	17:18	LB136534
	Lead	5040	5000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Magnesium	25000	25000	100	90 - 110	P	07/17/2025	17:18	LB136534
	Manganese	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Nickel	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Potassium	25600	25000	102	90 - 110	P	07/17/2025	17:18	LB136534
	Selenium	4980	5000	100	90 - 110	P	07/17/2025	17:18	LB136534
	Silver	1270	1250	101	90 - 110	P	07/17/2025	17:18	LB136534
	Sodium	25800	25000	103	90 - 110	P	07/17/2025	17:18	LB136534
	Thallium	5050	5000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Vanadium	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Zinc	2500	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
CCV04	Aluminum	10000	10000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Antimony	4990	5000	100	90 - 110	P	07/17/2025	18:45	LB136534

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4880	5000	98	90 - 110	P	07/17/2025	18:45	LB136534
	Barium	10200	10000	102	90 - 110	P	07/17/2025	18:45	LB136534
	Beryllium	246	250	98	90 - 110	P	07/17/2025	18:45	LB136534
	Cadmium	2470	2500	99	90 - 110	P	07/17/2025	18:45	LB136534
	Calcium	25000	25000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Chromium	1010	1000	101	90 - 110	P	07/17/2025	18:45	LB136534
	Cobalt	2480	2500	99	90 - 110	P	07/17/2025	18:45	LB136534
	Copper	1240	1250	99	90 - 110	P	07/17/2025	18:45	LB136534
	Iron	4990	5000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Lead	4940	5000	99	90 - 110	P	07/17/2025	18:45	LB136534
	Magnesium	24600	25000	98	90 - 110	P	07/17/2025	18:45	LB136534
	Manganese	2450	2500	98	90 - 110	P	07/17/2025	18:45	LB136534
	Nickel	2490	2500	100	90 - 110	P	07/17/2025	18:45	LB136534
	Potassium	23500	25000	94	90 - 110	P	07/17/2025	18:45	LB136534
	Selenium	4950	5000	99	90 - 110	P	07/17/2025	18:45	LB136534
	Silver	1240	1250	99	90 - 110	P	07/17/2025	18:45	LB136534
	Sodium	24000	25000	96	90 - 110	P	07/17/2025	18:45	LB136534
	Thallium	4990	5000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Vanadium	2470	2500	99	90 - 110	P	07/17/2025	18:45	LB136534
	Zinc	2490	2500	100	90 - 110	P	07/17/2025	18:45	LB136534
CCV05	Aluminum	10100	10000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Antimony	4990	5000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Arsenic	5000	5000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Barium	10300	10000	103	90 - 110	P	07/17/2025	20:11	LB136534
	Beryllium	247	250	99	90 - 110	P	07/17/2025	20:11	LB136534
	Cadmium	2550	2500	102	90 - 110	P	07/17/2025	20:11	LB136534
	Calcium	25200	25000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Chromium	1010	1000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Cobalt	2510	2500	100	90 - 110	P	07/17/2025	20:11	LB136534
	Copper	1240	1250	99	90 - 110	P	07/17/2025	20:11	LB136534
	Iron	5000	5000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Lead	5070	5000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Magnesium	24600	25000	99	90 - 110	P	07/17/2025	20:11	LB136534
	Manganese	2470	2500	99	90 - 110	P	07/17/2025	20:11	LB136534

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2520	2500	101	90 - 110	P	07/17/2025	20:11	LB136534
	Potassium	25100	25000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Selenium	5040	5000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Silver	1250	1250	100	90 - 110	P	07/17/2025	20:11	LB136534
	Sodium	25500	25000	102	90 - 110	P	07/17/2025	20:11	LB136534
	Thallium	5070	5000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Vanadium	2490	2500	100	90 - 110	P	07/17/2025	20:11	LB136534
	Zinc	2500	2500	100	90 - 110	P	07/17/2025	20:11	LB136534
CCV06	Aluminum	10300	10000	103	90 - 110	P	07/17/2025	20:46	LB136534
	Antimony	4990	5000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Arsenic	4910	5000	98	90 - 110	P	07/17/2025	20:46	LB136534
	Barium	10400	10000	104	90 - 110	P	07/17/2025	20:46	LB136534
	Beryllium	252	250	101	90 - 110	P	07/17/2025	20:46	LB136534
	Cadmium	2500	2500	100	90 - 110	P	07/17/2025	20:46	LB136534
	Calcium	25300	25000	101	90 - 110	P	07/17/2025	20:46	LB136534
	Chromium	1000	1000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Cobalt	2480	2500	99	90 - 110	P	07/17/2025	20:46	LB136534
	Copper	1260	1250	101	90 - 110	P	07/17/2025	20:46	LB136534
	Iron	5150	5000	103	90 - 110	P	07/17/2025	20:46	LB136534
	Lead	4960	5000	99	90 - 110	P	07/17/2025	20:46	LB136534
	Magnesium	24900	25000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Manganese	2490	2500	99	90 - 110	P	07/17/2025	20:46	LB136534
	Nickel	2490	2500	100	90 - 110	P	07/17/2025	20:46	LB136534
	Potassium	26800	25000	107	90 - 110	P	07/17/2025	20:46	LB136534
	Selenium	4960	5000	99	90 - 110	P	07/17/2025	20:46	LB136534
	Silver	1240	1250	99	90 - 110	P	07/17/2025	20:46	LB136534
	Sodium	25900	25000	104	90 - 110	P	07/17/2025	20:46	LB136534
	Thallium	5020	5000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Vanadium	2530	2500	101	90 - 110	P	07/17/2025	20:46	LB136534
	Zinc	2510	2500	100	90 - 110	P	07/17/2025	20:46	LB136534

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.20	0.2	101	70 - 130	CV	07/07/2025	12:02	LB136380
CRI01	Aluminum	114	100	114	65 - 135	P	07/09/2025	10:26	LB136407
	Antimony	53.6	50.0	107	65 - 135	P	07/09/2025	10:26	LB136407
	Arsenic	14.2	20.0	71	65 - 135	P	07/09/2025	10:26	LB136407
	Barium	104	100	104	65 - 135	P	07/09/2025	10:26	LB136407
	Beryllium	6.33	6.0	105	65 - 135	P	07/09/2025	10:26	LB136407
	Cadmium	5.51	6.0	92	65 - 135	P	07/09/2025	10:26	LB136407
	Calcium	1930	2000	96	65 - 135	P	07/09/2025	10:26	LB136407
	Chromium	10.7	10.0	107	65 - 135	P	07/09/2025	10:26	LB136407
	Cobalt	29.1	30.0	97	65 - 135	P	07/09/2025	10:26	LB136407
	Copper	24.1	20.0	120	65 - 135	P	07/09/2025	10:26	LB136407
	Iron	119	100	119	65 - 135	P	07/09/2025	10:26	LB136407
	Lead	11.5	12.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Magnesium	2060	2000	103	65 - 135	P	07/09/2025	10:26	LB136407
	Manganese	22.6	20.0	113	65 - 135	P	07/09/2025	10:26	LB136407
	Nickel	38.2	40.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Potassium	1710	2000	86	65 - 135	P	07/09/2025	10:26	LB136407
	Selenium	22.8	20.0	114	65 - 135	P	07/09/2025	10:26	LB136407
	Silver	11.6	10.0	116	65 - 135	P	07/09/2025	10:26	LB136407
	Sodium	1830	2000	92	65 - 135	P	07/09/2025	10:26	LB136407
	Thallium	38.4	40.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Vanadium	32.0	40.0	80	65 - 135	P	07/09/2025	10:26	LB136407
	Zinc	43.1	40.0	108	65 - 135	P	07/09/2025	10:26	LB136407
CRA	Mercury	0.18	0.2	90	70 - 130	CV	07/09/2025	11:53	LB136403
CRI01	Aluminum	85.6	100	86	65 - 135	P	07/10/2025	19:01	LB136434
	Antimony	51.2	50.0	102	65 - 135	P	07/10/2025	19:01	LB136434
	Arsenic	20.6	20.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Barium	96.3	100	96	65 - 135	P	07/10/2025	19:01	LB136434
	Beryllium	6.31	6.0	105	65 - 135	P	07/10/2025	19:01	LB136434
	Cadmium	5.33	6.0	89	65 - 135	P	07/10/2025	19:01	LB136434
	Calcium	2070	2000	104	65 - 135	P	07/10/2025	19:01	LB136434
	Chromium	10.5	10.0	105	65 - 135	P	07/10/2025	19:01	LB136434
	Cobalt	28.4	30.0	94	65 - 135	P	07/10/2025	19:01	LB136434
	Copper	20.6	20.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Iron	116	100	116	65 - 135	P	07/10/2025	19:01	LB136434

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	12.4	12.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Magnesium	2140	2000	107	65 - 135	P	07/10/2025	19:01	LB136434
	Manganese	21.9	20.0	110	65 - 135	P	07/10/2025	19:01	LB136434
	Nickel	37.1	40.0	93	65 - 135	P	07/10/2025	19:01	LB136434
	Potassium	1770	2000	89	65 - 135	P	07/10/2025	19:01	LB136434
	Selenium	16.7	20.0	84	65 - 135	P	07/10/2025	19:01	LB136434
	Silver	10.5	10.0	105	65 - 135	P	07/10/2025	19:01	LB136434
	Sodium	1780	2000	89	65 - 135	P	07/10/2025	19:01	LB136434
	Thallium	37.7	40.0	94	65 - 135	P	07/10/2025	19:01	LB136434
	Vanadium	28.3	40.0	71	65 - 135	P	07/10/2025	19:01	LB136434
	Zinc	44.6	40.0	112	65 - 135	P	07/10/2025	19:01	LB136434
CRI01	Aluminum	101	100	101	65 - 135	P	07/17/2025	14:39	LB136534
	Antimony	54.0	50.0	108	65 - 135	P	07/17/2025	14:39	LB136534
	Arsenic	15.4	20.0	77	65 - 135	P	07/17/2025	14:39	LB136534
	Barium	101	100	102	65 - 135	P	07/17/2025	14:39	LB136534
	Beryllium	6.31	6.0	105	65 - 135	P	07/17/2025	14:39	LB136534
	Cadmium	5.72	6.0	95	65 - 135	P	07/17/2025	14:39	LB136534
	Calcium	2060	2000	103	65 - 135	P	07/17/2025	14:39	LB136534
	Chromium	10.2	10.0	102	65 - 135	P	07/17/2025	14:39	LB136534
	Cobalt	30.4	30.0	101	65 - 135	P	07/17/2025	14:39	LB136534
	Copper	22.2	20.0	111	65 - 135	P	07/17/2025	14:39	LB136534
	Iron	110	100	110	65 - 135	P	07/17/2025	14:39	LB136534
	Lead	11.9	12.0	99	65 - 135	P	07/17/2025	14:39	LB136534
	Magnesium	2300	2000	115	65 - 135	P	07/17/2025	14:39	LB136534
	Manganese	21.5	20.0	108	65 - 135	P	07/17/2025	14:39	LB136534
	Nickel	39.6	40.0	99	65 - 135	P	07/17/2025	14:39	LB136534
	Potassium	1760	2000	88	65 - 135	P	07/17/2025	14:39	LB136534
	Selenium	19.6	20.0	98	65 - 135	P	07/17/2025	14:39	LB136534
	Silver	9.57	10.0	96	65 - 135	P	07/17/2025	14:39	LB136534
	Sodium	1770	2000	88	65 - 135	P	07/17/2025	14:39	LB136534
	Thallium	40.3	40.0	101	65 - 135	P	07/17/2025	14:39	LB136534
	Vanadium	38.6	40.0	96	65 - 135	P	07/17/2025	14:39	LB136534
	Zinc	43.0	40.0	108	65 - 135	P	07/17/2025	14:39	LB136534

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	245000	250000	98	216000	294000	07/09/2025	10:31	LB136407
	Antimony	23.3			-50	50	07/09/2025	10:31	LB136407
	Arsenic	5.46			-20	20	07/09/2025	10:31	LB136407
	Barium	8.02	6.0	134	-94	106	07/09/2025	10:31	LB136407
	Beryllium	1.50			-6	6	07/09/2025	10:31	LB136407
	Cadmium	-0.43	1.0	43	-5	7	07/09/2025	10:31	LB136407
	Calcium	242000	240000	101	208000	282000	07/09/2025	10:31	LB136407
	Chromium	52.2	52.0	100	42	62	07/09/2025	10:31	LB136407
	Cobalt	27.0			-30	30	07/09/2025	10:31	LB136407
	Copper	-4.74	2.0	237	-18	22	07/09/2025	10:31	LB136407
	Iron	96800	100000	97	85600	116500	07/09/2025	10:31	LB136407
	Lead	-5.64			-12	12	07/09/2025	10:31	LB136407
	Magnesium	242000	260000	93	216000	294000	07/09/2025	10:31	LB136407
	Manganese	3.37	7.0	48	-13	27	07/09/2025	10:31	LB136407
	Nickel	13.5	2.0	675	-38	42	07/09/2025	10:31	LB136407
	Potassium	10.6			0	0	07/09/2025	10:31	LB136407
	Selenium	-11.2			-20	20	07/09/2025	10:31	LB136407
	Silver	-2.41			-10	10	07/09/2025	10:31	LB136407
	Sodium	119			0	0	07/09/2025	10:31	LB136407
	Thallium	16.7			-40	40	07/09/2025	10:31	LB136407
	Vanadium	1.75			-40	40	07/09/2025	10:31	LB136407
	Zinc	10.9			-40	40	07/09/2025	10:31	LB136407
ICSAB01	Aluminum	245000	250000	98	209000	285000	07/09/2025	10:35	LB136407
	Antimony	621	620	100	525	711	07/09/2025	10:35	LB136407
	Arsenic	98.6	100	99	88.4	120	07/09/2025	10:35	LB136407
	Barium	529	540	98	437	637	07/09/2025	10:35	LB136407
	Beryllium	514	500	103	420	570	07/09/2025	10:35	LB136407
	Cadmium	984	970	101	826	1120	07/09/2025	10:35	LB136407
	Calcium	241000	230000	105	199000	271000	07/09/2025	10:35	LB136407
	Chromium	555	540	103	460	624	07/09/2025	10:35	LB136407
	Cobalt	506	480	105	404	548	07/09/2025	10:35	LB136407
	Copper	479	510	94	434	588	07/09/2025	10:35	LB136407
	Iron	98200	99000	99	84400	114500	07/09/2025	10:35	LB136407
	Lead	38.6	49.0	79	37	61	07/09/2025	10:35	LB136407
	Magnesium	243000	250000	97	210000	286000	07/09/2025	10:35	LB136407
	Manganese	498	510	98	430	584	07/09/2025	10:35	LB136407
	Nickel	966	950	102	810	1100	07/09/2025	10:35	LB136407
	Potassium	9.40			0	0	07/09/2025	10:35	LB136407
	Selenium	40.2	46.0	87	26	66	07/09/2025	10:35	LB136407
	Silver	209	200	104	170	232	07/09/2025	10:35	LB136407
	Sodium	100			0	0	07/09/2025	10:35	LB136407
	Thallium	101	110	92	68	148	07/09/2025	10:35	LB136407

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	489	490	100	417	565	07/09/2025	10:35	LB136407
	Zinc	1030	950	108	809	1095	07/09/2025	10:35	LB136407
ICSA01	Aluminum	247000	250000	99	216000	294000	07/10/2025	19:11	LB136434
	Antimony	21.5			-50	50	07/10/2025	19:11	LB136434
	Arsenic	2.10			-20	20	07/10/2025	19:11	LB136434
	Barium	5.81	6.0	97	-94	106	07/10/2025	19:11	LB136434
	Beryllium	1.15			-6	6	07/10/2025	19:11	LB136434
	Cadmium	-0.49	1.0	49	-5	7	07/10/2025	19:11	LB136434
	Calcium	242000	240000	101	208000	282000	07/10/2025	19:11	LB136434
	Chromium	48.9	52.0	94	42	62	07/10/2025	19:11	LB136434
	Cobalt	25.0			-30	30	07/10/2025	19:11	LB136434
	Copper	-9.61	2.0	480	-18	22	07/10/2025	19:11	LB136434
	Iron	104000	100000	104	85600	116500	07/10/2025	19:11	LB136434
	Lead	0.44			-12	12	07/10/2025	19:11	LB136434
	Magnesium	252000	260000	97	216000	294000	07/10/2025	19:11	LB136434
	Manganese	2.89	7.0	41	-13	27	07/10/2025	19:11	LB136434
	Nickel	16.4	2.0	820	-38	42	07/10/2025	19:11	LB136434
	Potassium	5.28			0	0	07/10/2025	19:11	LB136434
	Selenium	4.66			-20	20	07/10/2025	19:11	LB136434
	Silver	-1.13			-10	10	07/10/2025	19:11	LB136434
	Sodium	100			0	0	07/10/2025	19:11	LB136434
	Thallium	17.8			-40	40	07/10/2025	19:11	LB136434
	Vanadium	4.92			-40	40	07/10/2025	19:11	LB136434
	Zinc	11.0			-40	40	07/10/2025	19:11	LB136434
ICSAB01	Aluminum	244000	250000	98	209000	285000	07/10/2025	19:15	LB136434
	Antimony	612	620	99	525	711	07/10/2025	19:15	LB136434
	Arsenic	92.1	100	92	88.4	120	07/10/2025	19:15	LB136434
	Barium	505	540	94	437	637	07/10/2025	19:15	LB136434
	Beryllium	505	500	101	420	570	07/10/2025	19:15	LB136434
	Cadmium	972	970	100	826	1120	07/10/2025	19:15	LB136434
	Calcium	239000	230000	104	199000	271000	07/10/2025	19:15	LB136434
	Chromium	548	540	102	460	624	07/10/2025	19:15	LB136434
	Cobalt	497	480	104	404	548	07/10/2025	19:15	LB136434
	Copper	468	510	92	434	588	07/10/2025	19:15	LB136434
	Iron	98700	99000	100	84400	114500	07/10/2025	19:15	LB136434
	Lead	43.4	49.0	89	37	61	07/10/2025	19:15	LB136434
	Magnesium	249000	250000	100	210000	286000	07/10/2025	19:15	LB136434
	Manganese	491	510	96	430	584	07/10/2025	19:15	LB136434
	Nickel	971	950	102	810	1100	07/10/2025	19:15	LB136434
	Potassium	0.96			0	0	07/10/2025	19:15	LB136434
	Selenium	52.3	46.0	114	26	66	07/10/2025	19:15	LB136434
	Silver	217	200	108	170	232	07/10/2025	19:15	LB136434

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	88.1			0	0	07/10/2025	19:15	LB136434
	Thallium	99.2	110	90	68	148	07/10/2025	19:15	LB136434
	Vanadium	488	490	100	417	565	07/10/2025	19:15	LB136434
	Zinc	983	950	104	809	1095	07/10/2025	19:15	LB136434
ICSA01	Aluminum	243000	250000	97	216000	294000	07/17/2025	14:46	LB136534
	Antimony	20.2			-50	50	07/17/2025	14:46	LB136534
	Arsenic	-5.59			-20	20	07/17/2025	14:46	LB136534
	Barium	5.91	6.0	98	-94	106	07/17/2025	14:46	LB136534
	Beryllium	1.12			-6	6	07/17/2025	14:46	LB136534
	Cadmium	-0.95	1.0	95	-5	7	07/17/2025	14:46	LB136534
	Calcium	232000	240000	97	208000	282000	07/17/2025	14:46	LB136534
	Chromium	48.4	52.0	93	42	62	07/17/2025	14:46	LB136534
	Cobalt	21.5			-30	30	07/17/2025	14:46	LB136534
	Copper	-6.18	2.0	309	-18	22	07/17/2025	14:46	LB136534
	Iron	89400	100000	89	85600	116500	07/17/2025	14:46	LB136534
	Lead	1.20			-12	12	07/17/2025	14:46	LB136534
	Magnesium	242000	260000	93	216000	294000	07/17/2025	14:46	LB136534
	Manganese	3.52	7.0	50	-13	27	07/17/2025	14:46	LB136534
	Nickel	1.33	2.0	66	-38	42	07/17/2025	14:46	LB136534
	Potassium	3.55			0	0	07/17/2025	14:46	LB136534
	Selenium	-9.33			-20	20	07/17/2025	14:46	LB136534
	Silver	-1.63			-10	10	07/17/2025	14:46	LB136534
	Sodium	127			0	0	07/17/2025	14:46	LB136534
	Thallium	2.74			-40	40	07/17/2025	14:46	LB136534
	Vanadium	9.54			-40	40	07/17/2025	14:46	LB136534
	Zinc	11.6			-40	40	07/17/2025	14:46	LB136534
ICSAB01	Aluminum	243000	250000	97	209000	285000	07/17/2025	14:51	LB136534
	Antimony	586	620	94	525	711	07/17/2025	14:51	LB136534
	Arsenic	89.5	100	90	88.4	120	07/17/2025	14:51	LB136534
	Barium	490	540	91	437	637	07/17/2025	14:51	LB136534
	Beryllium	480	500	96	420	570	07/17/2025	14:51	LB136534
	Cadmium	954	970	98	826	1120	07/17/2025	14:51	LB136534
	Calcium	233000	230000	101	199000	271000	07/17/2025	14:51	LB136534
	Chromium	528	540	98	460	624	07/17/2025	14:51	LB136534
	Cobalt	493	480	103	404	548	07/17/2025	14:51	LB136534
	Copper	455	510	89	434	588	07/17/2025	14:51	LB136534
	Iron	90300	99000	91	84400	114500	07/17/2025	14:51	LB136534
	Lead	46.7	49.0	95	37	61	07/17/2025	14:51	LB136534
	Magnesium	242000	250000	97	210000	286000	07/17/2025	14:51	LB136534
	Manganese	475	510	93	430	584	07/17/2025	14:51	LB136534
	Nickel	941	950	99	810	1100	07/17/2025	14:51	LB136534
	Potassium	3.18			0	0	07/17/2025	14:51	LB136534

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	42.8	46.0	93	26	66	07/17/2025	14:51	LB136534
	Silver	204	200	102	170	232	07/17/2025	14:51	LB136534
	Sodium	145			0	0	07/17/2025	14:51	LB136534
	Thallium	91.9	110	84	68	148	07/17/2025	14:51	LB136534
	Vanadium	470	490	96	417	565	07/17/2025	14:51	LB136534
	Zinc	999	950	105	809	1095	07/17/2025	14:51	LB136534

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2491-01 **client id:** EO-1-070225MS

Percent Solids for Sample: 92.4 **Spiked ID:** Q2491-01MS **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.033		0.28	109		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2491-01 **client id:** EO-1-070225MSD

Percent Solids for Sample: 92.4 **Spiked ID:** Q2491-01MSD **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.033		0.28	103		CV

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2509-01 **client id:** AUD-25-0110-0111MS

Percent Solids for Sample: NA **Spiked ID:** Q2509-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	2.50		0.27		4.0	56	N	CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2509-01 **client id:** AUD-25-0110-0111MSD

Percent Solids for Sample: NA **Spiked ID:** Q2509-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	2.52		0.27		4.0	56	N	CV

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2512-01 **client id:** WATER TREATMENT DISCHARGEMS

Percent Solids for Sample: NA **Spiked ID:** Q2512-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	11700		11200		1000	47		P
Antimony	ug/L	75 - 125	395		3.70	J	400	98		P
Arsenic	ug/L	75 - 125	434		10.0	U	400	108		P
Barium	ug/L	75 - 125	98.6		50.0	U	100	99		P
Beryllium	ug/L	75 - 125	99.0		3.00	U	100	99		P
Cadmium	ug/L	75 - 125	109		3.00	U	100	109		P
Calcium	ug/L	75 - 125	6810		6510		500	59		P
Chromium	ug/L	75 - 125	336		138		200	99		P
Cobalt	ug/L	75 - 125	105		3.66	J	100	101		P
Copper	ug/L	75 - 125	142		8.21	J	150	89		P
Iron	ug/L	75 - 125	1720		186		1500	102		P
Lead	ug/L	75 - 125	494		6.00	U	500	99		P
Magnesium	ug/L	75 - 125	2190		1270		1000	92		P
Manganese	ug/L	75 - 125	147		10.5		100	136	N	P
Nickel	ug/L	75 - 125	298		38.8		250	104		P
Potassium	ug/L	75 - 125	129000	D	123000	D	5000	131		P
Selenium	ug/L	75 - 125	1020		10.0	U	1000	102		P
Silver	ug/L	75 - 125	34.3		5.00	U	37.5	92		P
Sodium	ug/L	75 - 125	693000		736000		1500	-2827		P
Thallium	ug/L	75 - 125	941		20.0	U	1000	94		P
Vanadium	ug/L	75 - 125	146		20.0	U	150	97		P
Zinc	ug/L	75 - 125	407		319		100	88		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2512-01 **client id:** WATER TREATMENT DISCHARGEMSD

Percent Solids for Sample: NA **Spiked ID:** Q2512-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	11800		11200		1000	66		P
Antimony	ug/L	75 - 125	400		3.70	J	400	99		P
Arsenic	ug/L	75 - 125	446		10.0	U	400	112		P
Barium	ug/L	75 - 125	101		50.0	U	100	101		P
Beryllium	ug/L	75 - 125	101		3.00	U	100	101		P
Cadmium	ug/L	75 - 125	112		3.00	U	100	112		P
Calcium	ug/L	75 - 125	6890		6510		500	76		P
Chromium	ug/L	75 - 125	337		138		200	99		P
Cobalt	ug/L	75 - 125	107		3.66	J	100	103		P
Copper	ug/L	75 - 125	145		8.21	J	150	91		P
Iron	ug/L	75 - 125	1760		186		1500	105		P
Lead	ug/L	75 - 125	507		6.00	U	500	101		P
Magnesium	ug/L	75 - 125	2240		1270		1000	98		P
Manganese	ug/L	75 - 125	159		10.5		100	148	N	P
Nickel	ug/L	75 - 125	304		38.8		250	106		P
Potassium	ug/L	75 - 125	131000	D	123000	D	5000	168		P
Selenium	ug/L	75 - 125	1040		10.0	U	1000	104		P
Silver	ug/L	75 - 125	35.0		5.00	U	37.5	93		P
Sodium	ug/L	75 - 125	714000		736000		1500	-1450		P
Thallium	ug/L	75 - 125	959		20.0	U	1000	96		P
Vanadium	ug/L	75 - 125	153		20.0	U	150	102		P
Zinc	ug/L	75 - 125	412		319		100	93		P

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2515-01 **client id:** WC-1MS

Percent Solids for Sample: 87.5 **Spiked ID:** Q2515-01MS **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10900		10000		100	856		P
Antimony	mg/Kg	75 - 125	11.3		1.79	J	41.2	23	N	P
Arsenic	mg/Kg	75 - 125	39.8		1.42		41.2	93		P
Barium	mg/Kg	75 - 125	62.0		46.6		10.3	150		P
Beryllium	mg/Kg	75 - 125	8.21		0.55		10.3	74	N	P
Cadmium	mg/Kg	75 - 125	10.2		0.30	U	10.3	99		P
Calcium	mg/Kg	75 - 125	1950		2090		51.5	-272		P
Chromium	mg/Kg	75 - 125	42.9		27.0		20.6	77		P
Cobalt	mg/Kg	75 - 125	26.6		20.1		10.3	63	N	P
Copper	mg/Kg	75 - 125	28.0		19.4		15.4	56	N	P
Iron	mg/Kg	75 - 125	15800		18900		150	-1957		P
Lead	mg/Kg	75 - 125	57.2		7.18		51.5	97		P
Magnesium	mg/Kg	75 - 125	3230		3810		100	-560		P
Manganese	mg/Kg	75 - 125	812		693		10.3	1156		P
Nickel	mg/Kg	75 - 125	43.1		21.0		25.7	86		P
Potassium	mg/Kg	75 - 125	657		245		510	80		P
Selenium	mg/Kg	75 - 125	73.3		4.97		100	66	N	P
Silver	mg/Kg	75 - 125	2.39		0.50	U	3.9	62	N	P
Sodium	mg/Kg	75 - 125	266		203		150	41	N	P
Thallium	mg/Kg	75 - 125	94.8		2.01	U	100	92		P
Vanadium	mg/Kg	75 - 125	51.6		57.6		15.4	-39	N	P
Zinc	mg/Kg	75 - 125	40.8		31.9		10.3	87		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2503

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2515-01 **client id:** WC-1MSD

Percent Solids for Sample: 87.5 **Spiked ID:** Q2515-01MSD **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10900		10000		110	818		P
Antimony	mg/Kg	75 - 125	12.9		1.79	J	42.5	26	N	P
Arsenic	mg/Kg	75 - 125	42.5		1.42		42.5	97		P
Barium	mg/Kg	75 - 125	51.3		46.6		10.6	44		P
Beryllium	mg/Kg	75 - 125	8.67		0.55		10.6	76		P
Cadmium	mg/Kg	75 - 125	10.5		0.30	U	10.6	99		P
Calcium	mg/Kg	75 - 125	1920		2090		53.2	-316		P
Chromium	mg/Kg	75 - 125	44.6		27.0		21.3	83		P
Cobalt	mg/Kg	75 - 125	27.6		20.1		10.6	70	N	P
Copper	mg/Kg	75 - 125	30.3		19.4		15.9	68	N	P
Iron	mg/Kg	75 - 125	18900		18900		160	53		P
Lead	mg/Kg	75 - 125	60.7		7.18		53.2	101		P
Magnesium	mg/Kg	75 - 125	3380		3810		110	-398		P
Manganese	mg/Kg	75 - 125	533		693		10.6	-1507		P
Nickel	mg/Kg	75 - 125	44.5		21.0		26.6	89		P
Potassium	mg/Kg	75 - 125	674		245		530	81		P
Selenium	mg/Kg	75 - 125	76.8		4.97		110	68	N	P
Silver	mg/Kg	75 - 125	1.99		0.50	U	4.0	50	N	P
Sodium	mg/Kg	75 - 125	295		203		160	58	N	P
Thallium	mg/Kg	75 - 125	97.4		2.01	U	110	92		P
Vanadium	mg/Kg	75 - 125	67.0		57.6		15.9	59	N	P
Zinc	mg/Kg	75 - 125	42.1		31.9		10.6	96		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** AUD-25-0110-0111A

Sample ID: Q2509-01 **Spiked ID:** Q2509-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.53		0.27		4.00	82		CV

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** WATER TREATMENT DISCHARGEA

Sample ID: Q2512-01 **Spiked ID:** Q2512-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Manganese	ug/L	75 - 125	112		10.5		100	102		P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** WC-1A

Sample ID: Q2515-01 **Spiked ID:** Q2515-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	30.9		1.79	J	40.1	73	N	P
Beryllium	mg/Kg	75 - 125	8.11		0.55		10.0	76		P
Cobalt	mg/Kg	75 - 125	29.6		20.1		10.0	95		P
Copper	mg/Kg	75 - 125	30.3		19.4		15.0	73	N	P
Selenium	mg/Kg	75 - 125	75.9		4.97		100	71	N	P
Silver	mg/Kg	75 - 125	1.61		0.50	U	3.80	42	N	P
Sodium	mg/Kg	75 - 125	304		203		150	68	N	P
Vanadium	mg/Kg	75 - 125	67.4		57.6		15.0	65	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2491-01 **Client ID:** EO-1-070225DUP

Percent Solids for Sample: 92.4 **Duplicate ID** Q2491-01DUP **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.033		0.033		0		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2491-01MS **Client ID:** EO-1-070225MSD

Percent Solids for Sample: 92.4 **Duplicate ID** Q2491-01MSD **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.34		0.32		5		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2509-01 **Client ID:** AUD-25-0110-0111DUP

Percent Solids for Sample: NA **Duplicate ID** Q2509-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.27		0.26		4		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2509-01MS **Client ID:** AUD-25-0110-0111MSD

Percent Solids for Sample: NA **Duplicate ID** Q2509-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.50		2.52		1		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2512-01 **Client ID:** WATER TREATMENT DISCHARGEDU

Percent Solids for Sample: NA **Duplicate ID** Q2512-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	11200		10700		5		P
Antimony	ug/L	20	3.70	J	25.0	U	200.0		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	6510		6270		4		P
Chromium	ug/L	20	138		134		3		P
Cobalt	ug/L	20	3.66	J	3.45	J	6		P
Copper	ug/L	20	8.21	J	7.68	J	7		P
Iron	ug/L	20	186		177		5		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	1270		1210		5		P
Manganese	ug/L	20	10.5		9.94	J	6		P
Nickel	ug/L	20	38.8		37.4		4		P
Potassium	ug/L	20	123000	D	123000	D	0		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	736000		693000		6		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	319		301		6		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2512-01MS **Client ID:** WATER TREATMENT DISCHARGEMS

Percent Solids for Sample: NA **Duplicate ID** Q2512-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	11700		11800		1		P
Antimony	ug/L	20	395		400		1		P
Arsenic	ug/L	20	434		446		3		P
Barium	ug/L	20	98.6		101		2		P
Beryllium	ug/L	20	99.0		101		2		P
Cadmium	ug/L	20	109		112		3		P
Calcium	ug/L	20	6810		6890		1		P
Chromium	ug/L	20	336		337		0		P
Cobalt	ug/L	20	105		107		2		P
Copper	ug/L	20	142		145		2		P
Iron	ug/L	20	1720		1760		2		P
Lead	ug/L	20	494		507		3		P
Magnesium	ug/L	20	2190		2240		2		P
Manganese	ug/L	20	147		159		8		P
Nickel	ug/L	20	298		304		2		P
Potassium	ug/L	20	129000	D	131000	D	2		P
Selenium	ug/L	20	1020		1040		2		P
Silver	ug/L	20	34.3		35.0		2		P
Sodium	ug/L	20	693000		714000		3		P
Thallium	ug/L	20	941		959		2		P
Vanadium	ug/L	20	146		153		5		P
Zinc	ug/L	20	407		412		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2515-01 **Client ID:** WC-1DUP

Percent Solids for Sample: 87.5 **Duplicate ID** Q2515-01DUP **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	10000		9470		5		P
Antimony	mg/Kg	20	1.79	J	1.71	J	5		P
Arsenic	mg/Kg	20	1.42		1.66		16		P
Barium	mg/Kg	20	46.6		41.2		12		P
Beryllium	mg/Kg	20	0.55		0.55		1		P
Cadmium	mg/Kg	20	0.30	U	0.29	U			P
Calcium	mg/Kg	20	2090		2040		2		P
Chromium	mg/Kg	20	27.0		26.6		1		P
Cobalt	mg/Kg	20	20.1		19.6		3		P
Copper	mg/Kg	20	19.4		18.8		3		P
Iron	mg/Kg	20	18900		18800		1		P
Lead	mg/Kg	20	7.18		10.0		33	*	P
Magnesium	mg/Kg	20	3810		3930		3		P
Manganese	mg/Kg	20	693		600		14		P
Nickel	mg/Kg	20	21.0		20.7		1		P
Potassium	mg/Kg	20	245		230		6		P
Selenium	mg/Kg	20	4.97		5.08		2		P
Silver	mg/Kg	20	0.50	U	0.48	U			P
Sodium	mg/Kg	20	203		194		5		P
Thallium	mg/Kg	20	2.01	U	1.91	U			P
Vanadium	mg/Kg	20	57.6		57.5		0		P
Zinc	mg/Kg	20	31.9		32.3		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2515-01MS **Client ID:** WC-1MSD

Percent Solids for Sample: 87.5 **Duplicate ID** Q2515-01MSD **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	10900		10900		0		P
Antimony	mg/Kg	20	11.3		12.9		13		P
Arsenic	mg/Kg	20	39.8		42.5		7		P
Barium	mg/Kg	20	62.0		51.3		19		P
Beryllium	mg/Kg	20	8.21		8.67		5		P
Cadmium	mg/Kg	20	10.2		10.5		4		P
Calcium	mg/Kg	20	1950		1920		2		P
Chromium	mg/Kg	20	42.9		44.6		4		P
Cobalt	mg/Kg	20	26.6		27.6		4		P
Copper	mg/Kg	20	28.0		30.3		8		P
Iron	mg/Kg	20	15800		18900		18		P
Lead	mg/Kg	20	57.2		60.7		6		P
Magnesium	mg/Kg	20	3230		3380		5		P
Manganese	mg/Kg	20	812		533		41	*	P
Nickel	mg/Kg	20	43.1		44.5		3		P
Potassium	mg/Kg	20	657		674		3		P
Selenium	mg/Kg	20	73.3		76.8		5		P
Silver	mg/Kg	20	2.39		1.99		18		P
Sodium	mg/Kg	20	266		295		10		P
Thallium	mg/Kg	20	94.8		97.4		3		P
Vanadium	mg/Kg	20	51.6		67.0		26	*	P
Zinc	mg/Kg	20	40.8		42.1		3		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168739BS							
Aluminum	ug/L	1000	954		95	80 - 120	P
Antimony	ug/L	400	388		97	80 - 120	P
Arsenic	ug/L	400	348		87	80 - 120	P
Barium	ug/L	100	99.4		99	80 - 120	P
Beryllium	ug/L	100	105		105	80 - 120	P
Cadmium	ug/L	100	91.5		92	80 - 120	P
Calcium	ug/L	500	497	J	99	80 - 120	P
Chromium	ug/L	200	198		99	80 - 120	P
Cobalt	ug/L	100	92.4		92	80 - 120	P
Copper	ug/L	150	162		108	80 - 120	P
Iron	ug/L	1500	1680		112	80 - 120	P
Lead	ug/L	500	459		92	80 - 120	P
Magnesium	ug/L	1000	980	J	98	80 - 120	P
Manganese	ug/L	100	103		103	80 - 120	P
Nickel	ug/L	250	233		93	80 - 120	P
Potassium	ug/L	5000	4950		99	80 - 120	P
Selenium	ug/L	1000	959		96	80 - 120	P
Silver	ug/L	37.5	35.0		93	80 - 120	P
Sodium	ug/L	1500	1570		105	80 - 120	P
Thallium	ug/L	1000	971		97	80 - 120	P
Vanadium	ug/L	150	150		100	80 - 120	P
Zinc	ug/L	100	100		100	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168740BS							
Aluminum	mg/Kg	100	98.9		99	80 - 120	P
Antimony	mg/Kg	40.0	40.0		100	80 - 120	P
Arsenic	mg/Kg	40.0	35.6		89	80 - 120	P
Barium	mg/Kg	10.0	9.99		100	80 - 120	P
Beryllium	mg/Kg	10.0	10.7		107	80 - 120	P
Cadmium	mg/Kg	10.0	9.41		94	80 - 120	P
Calcium	mg/Kg	50.0	51.1	J	102	80 - 120	P
Chromium	mg/Kg	20.0	20.3		102	80 - 120	P
Cobalt	mg/Kg	10.0	9.53		95	80 - 120	P
Copper	mg/Kg	15.0	16.3		109	80 - 120	P
Iron	mg/Kg	150	170		113	80 - 120	P
Lead	mg/Kg	50.0	47.1		94	80 - 120	P
Magnesium	mg/Kg	100	101		101	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	24.0		96	80 - 120	P
Potassium	mg/Kg	500	477		95	80 - 120	P
Selenium	mg/Kg	100	98.5		98	80 - 120	P
Silver	mg/Kg	3.8	3.56		94	80 - 120	P
Sodium	mg/Kg	150	157		105	80 - 120	P
Thallium	mg/Kg	100	99.9		100	80 - 120	P
Vanadium	mg/Kg	15.0	14.8		99	80 - 120	P
Zinc	mg/Kg	10.0	10.3		103	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168743BS							
Mercury	mg/Kg	0.26	0.27		102	80 - 120	CV

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168766BS							
Mercury	ug/L	4.0	4.30		108	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

EO-1-070225L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136380 **Lab Sample ID :** Q2491-01L **SDG No.:** Q2503

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.033		0.065	U	100.0		CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

AUD-25-0110-0111L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136403 **Lab Sample ID :** Q2509-01L **SDG No.:** Q2503

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.27		0.44	J	60		CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER TREATMENT DISCHARGEL

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136434 **Lab Sample ID :** Q2512-01L **SDG No.:** Q2503

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	11200		11100		1		P
Antimony	3.70	J	125	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	6510		6570		1		P
Chromium	138		136		2		P
Cobalt	3.66	J	75.0	U	100.0		P
Copper	8.21	J	50.0	U	100.0		P
Iron	186		202	J	9		P
Lead	6.00	U	30.0	U			P
Magnesium	1270		1170	J	8		P
Manganese	10.5		50.0	U	100.0		P
Nickel	38.8		36.0	J	7		P
Potassium	1000	U	132000		100.0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	736000		1110000		50		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	319		300		6		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-1L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136534 **Lab Sample ID :** Q2515-01L **SDG No.:** Q2503

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	10000		11800		17		P
Antimony	1.79	J	1.98	J	11		P
Arsenic	1.42		3.05	J	115		P
Barium	46.6		55.3		19		P
Beryllium	0.55		0.64	J	17		P
Cadmium	0.30	U	1.50	U			P
Calcium	2090		2520		20		P
Chromium	27.0		31.6		17		P
Cobalt	20.1		19.2		5		P
Copper	19.4		24.6		27		P
Iron	18900		27800		47		P
Lead	7.18		8.07		12		P
Magnesium	3810		4610		21		P
Manganese	693		842		21		P
Nickel	21.0		19.6		6		P
Potassium	245		241	J	2		P
Selenium	4.97		7.51		51		P
Silver	0.50	U	2.51	U			P
Sodium	203		248	J	22		P
Thallium	2.01	U	10.0	U			P
Vanadium	57.6		66.0		14		P
Zinc	31.9		38.8		22		P

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2503

Instrument id number: **Method:** **Run number:** LB136380

Start date: 07/07/2025 **End date:** 07/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1135	HG
S0.2	S0.2	1	1137	HG
S2.5	S2.5	1	1140	HG
S5	S5	1	1142	HG
S7.5	S7.5	1	1144	HG
S10	S10	1	1149	HG
ICV17	ICV17	1	1153	HG
ICB17	ICB17	1	1156	HG
CCV54	CCV54	1	1158	HG
CCB54	CCB54	1	1200	HG
CRA	CRA	1	1202	HG
PB168743BL	PB168743BL	1	1209	HG
PB168743BS	PB168743BS	1	1212	HG
Q2491-01DUP	EO-1-070225DUP	1	1224	HG
Q2491-01MS	EO-1-070225MS	1	1226	HG
Q2491-01MSD	EO-1-070225MSD	1	1229	HG
CCV55	CCV55	1	1234	HG
CCB55	CCB55	1	1236	HG
Q2491-01L	EO-1-070225L	5	1251	HG
Q2503-05	GCAP2A	10	1255	HG
CCV56	CCV56	1	1258	HG
CCB56	CCB56	1	1300	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2503

Instrument id number: **Method:** **Run number:** LB136403

Start date: 07/09/2025 **End date:** 07/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1126	HG
S0.2	S0.2	1	1128	HG
S2.5	S2.5	1	1131	HG
S5	S5	1	1133	HG
S7.5	S7.5	1	1136	HG
S10	S10	1	1138	HG
ICV22	ICV22	1	1143	HG
ICB22	ICB22	1	1146	HG
CCV70	CCV70	1	1148	HG
CCB70	CCB70	1	1150	HG
CRA	CRA	1	1153	HG
CCV71	CCV71	1	1218	HG
CCB71	CCB71	1	1220	HG
PB168766BL	PB168766BL	1	1237	HG
PB168766BS	PB168766BS	1	1239	HG
CCV72	CCV72	1	1256	HG
CCB72	CCB72	1	1258	HG
Q2509-01DUP	AUD-25-0110-0111DUP	1	1301	HG
Q2509-01MS	AUD-25-0110-0111MS	1	1307	HG
Q2509-01MSD	AUD-25-0110-0111MSD	1	1309	HG
Q2509-01L	AUD-25-0110-0111L	5	1318	HG
Q2509-01A	AUD-25-0110-0111A	1	1321	HG
Q2503-01	GCAP2W	25	1328	HG
CCV73	CCV73	1	1331	HG
CCB73	CCB73	1	1333	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2503

Instrument id number: **Method:** **Run number:** LB136407

Start date: 07/09/2025 **End date:** 07/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0939	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	0944	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	0948	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	0952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	0957	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1001	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1005	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1017	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1022	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1031	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1035	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1048	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1057	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1428	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1639	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1750	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1754	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1854	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1858	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2503-01	GCAP2W	5	1908	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2503-05	GCAP2A	1	1921	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	1948	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2041	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2045	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2116	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2503

Instrument id number: **Method:** **Run number:** LB136434

Start date: 07/10/2025 **End date:** 07/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1646	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1703	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1707	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1839	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1851	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1855	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1901	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1911	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1915	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1943	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1954	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	2059	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	2104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2512-01DUP	WATER TREATMENT DISCHA	1	2127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2512-01L	WATER TREATMENT DISCHA	5	2136	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2512-01MS	WATER TREATMENT DISCHA	1	2150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2512-01MSD	WATER TREATMENT DISCHA	1	2159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2512-01A	WATER TREATMENT DISCHA	1	2203	Mn
CCV03	CCV03	1	2232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	2236	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	2329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	2353	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2512-01DUP	WATER TREATMENT DISCHA	5	0002	K
Q2512-01MS	WATER TREATMENT DISCHA	5	0011	K
Q2512-01MSD	WATER TREATMENT DISCHA	5	0016	K
PB168740BL	PB168740BL	1	0034	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168740BS	PB168740BS	1	0038	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	0047	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	0051	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168739BL	PB168739BL	1	0056	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168739BS	PB168739BS	1	0100	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	0147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	0223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	0317	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	0326	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	0418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	0427	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	0519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2503

Instrument id number: **Method:** **Run number:** LB136434

Start date: 07/10/2025 **End date:** 07/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB09	CCB09	1	0524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	0616	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	0621	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	0643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	0647	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2503

Instrument id number: **Method:** **Run number:** LB136534

Start date: 07/17/2025 **End date:** 07/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1333	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1338	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1343	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1429	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1501	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01DUP	WC-1DUP	1	1514	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01MS	WC-1MS	1	1524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01MSD	WC-1MSD	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01A	WC-1A	1	1534	Ag,Be,Co,Cu,Na,Sb,Se,V
Q2515-01L	WC-1L	5	1539	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1549	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1718	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1736	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1845	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1850	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2051	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q2503	**OrderDate:**	7/3/2025 11:38:00 AM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	--Select--,O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2503-01	**GCAP2W**	**Water**			**07/02/25**			**07/03/25**
			Mercury	7470A		07/08/25	07/09/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2503-05	**GCAP2A**	**SOIL**			**07/02/25**			**07/03/25**
			Mercury	7471B		07/07/25	07/07/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168739**						
PB168739BL	PB168739BL	MB	WATER	07/07/2025	50.0	25.0	
PB168739BS	PB168739BS	LCS	WATER	07/07/2025	50.0	25.0	
Q2503-01	GCAP2W	SAM	WATER	07/07/2025	50.0	25.0	
Q2512-01DUP	WATER TREATMENT DISCHARGEDUP	DUP	WATER	07/07/2025	50.0	25.0	
Q2512-01MS	WATER TREATMENT DISCHARGEMS	MS	WATER	07/07/2025	50.0	25.0	
Q2512-01MSD	WATER TREATMENT DISCHARGEMSD	MSD	WATER	07/07/2025	50.0	25.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168740**						
PB168740BL	PB168740BL	MB	SOLID	07/07/2025	2.00	100.0	100.00
PB168740BS	PB168740BS	LCS	SOLID	07/07/2025	2.00	100.0	100.00
Q2503-05	GCAP2A	SAM	SOLID	07/07/2025	2.30	100.0	77.00
Q2515-01DUP	WC-1DUP	DUP	SOLID	07/07/2025	2.39	100.0	87.50
Q2515-01MS	WC-1MS	MS	SOLID	07/07/2025	2.22	100.0	87.50
Q2515-01MSD	WC-1MSD	MSD	SOLID	07/07/2025	2.15	100.0	87.50

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168743**						
PB168743BL	PB168743BL	MB	SOLID	07/07/2025	0.55	35.0	100.00
PB168743BS	PB168743BS	LCS	SOLID	07/07/2025	0.53	35.0	100.00
Q2491-01DUP	EO-1-070225DUP	DUP	SOLID	07/07/2025	0.55	35.0	92.40
Q2491-01MS	EO-1-070225MS	MS	SOLID	07/07/2025	0.54	35.0	92.40
Q2491-01MSD	EO-1-070225MSD	MSD	SOLID	07/07/2025	0.55	35.0	92.40
Q2503-05	GCAP2A	SAM	SOLID	07/07/2025	0.56	35.0	77.00

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2503

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168766**						
PB168766BL	PB168766BL	MB	WATER	07/08/2025	30.0	30.0	
PB168766BS	PB168766BS	LCS	WATER	07/08/2025	30.0	30.0	
Q2503-01	GCAP2W	SAM	WATER	07/08/2025	30.0	30.0	
Q2509-01DUP	AUD-25-0110-0111DUP	DUP	WATER	07/08/2025	30.0	30.0	
Q2509-01MS	AUD-25-0110-0111MS	MS	WATER	07/08/2025	30.0	30.0	
Q2509-01MSD	AUD-25-0110-0111MSD	MSD	WATER	07/08/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136380

Review By	jaswal	Review On	7/7/2025 11:30:36 PM
Supervise By	MOHAN	Supervise On	7/9/2025 10:31:49 AM

STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86301

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/07/25 11:35		MOHAN	OK
2	S0.2	S0.2	CAL2	07/07/25 11:37		MOHAN	OK
3	S2.5	S2.5	CAL3	07/07/25 11:40		MOHAN	OK
4	S5	S5	CAL4	07/07/25 11:42		MOHAN	OK
5	S7.5	S7.5	CAL5	07/07/25 11:44		MOHAN	OK
6	S10	S10	CAL6	07/07/25 11:49		MOHAN	OK
7	ICV17	ICV17	ICV	07/07/25 11:53		MOHAN	OK
8	ICB17	ICB17	ICB	07/07/25 11:56		MOHAN	OK
9	CCV54	CCV54	CCV	07/07/25 11:58		MOHAN	OK
10	CCB54	CCB54	CCB	07/07/25 12:00		MOHAN	OK
11	CRA	CRA	CRDL	07/07/25 12:02		MOHAN	OK
12	HighStd	HighStd	HIGH STD	07/07/25 12:05		MOHAN	OK
13	ChkStd	ChkStd	SAM	07/07/25 12:07		MOHAN	OK
14	PB168743BL	PB168743BL	MB	07/07/25 12:09		MOHAN	OK
15	PB168743BS	PB168743BS	LCS	07/07/25 12:12		MOHAN	OK
16	Q2491-01	EO-1-070225	SAM	07/07/25 12:19		MOHAN	OK
17	Q2491-01DUP	EO-1-070225DUP	DUP	07/07/25 12:24		MOHAN	OK
18	Q2491-01MS	EO-1-070225MS	MS	07/07/25 12:26		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136380

Review By	jaswal	Review On	7/7/2025 11:30:36 PM
Supervise By	MOHAN	Supervise On	7/9/2025 10:31:49 AM

STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86301

19	Q2491-01MSD	EO-1-070225MSD	MSD	07/07/25 12:29		MOHAN	OK
20	Q2493-01	WC-11	SAM	07/07/25 12:31		MOHAN	OK
21	CCV55	CCV55	CCV	07/07/25 12:34		MOHAN	OK
22	CCB55	CCB55	CCB	07/07/25 12:36		MOHAN	OK
23	Q2503-05	GCAP2A	SAM	07/07/25 12:38	Hg high	MOHAN	Dilution
24	Q2507-01	SU-04-7.3-2025	SAM	07/07/25 12:41		MOHAN	OK
25	Q2513-01	HR-2-070325	SAM	07/07/25 12:44		MOHAN	OK
26	Q2513-03	HR-3-070325	SAM	07/07/25 12:46		MOHAN	OK
27	Q2515-01	WC-1	SAM	07/07/25 12:48		MOHAN	OK
28	Q2491-01L	EO-1-070225L	SD	07/07/25 12:51		MOHAN	OK
29	Q2491-01A	EO-1-070225A	PS	07/07/25 12:53		MOHAN	OK
30	Q2503-05DL	GCAP2ADL	SAM	07/07/25 12:55	10X For Hg	MOHAN	Confirms
31	CCV56	CCV56	CCV	07/07/25 12:58		MOHAN	OK
32	CCB56	CCB56	CCB	07/07/25 13:00		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136403

Review By	MOHAN	Review On	7/10/2025 9:48:52 AM
Supervise By	jaswal	Supervise On	7/10/2025 11:31:40 PM

STD. NAME	STD REF.#
ICAL Standard	MP86306,MP86307,MP86308,MP86309,MP86310,MP86311
ICV Standard	MP86312
CCV Standard	MP86314
ICSA Standard	
CRI Standard	MP86316
LCS Standard	
Chk Standard	MP86313,MP86315,MP86317,MP86335

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/09/25 11:26		MOHAN	OK
2	S0.2	S0.2	CAL2	07/09/25 11:28		MOHAN	OK
3	S2.5	S2.5	CAL3	07/09/25 11:31		MOHAN	OK
4	S5	S5	CAL4	07/09/25 11:33		MOHAN	OK
5	S7.5	S7.5	CAL5	07/09/25 11:36		MOHAN	OK
6	S10	S10	CAL6	07/09/25 11:38		MOHAN	OK
7	ICV22	ICV22	ICV	07/09/25 11:43		MOHAN	OK
8	ICB22	ICB22	ICB	07/09/25 11:46		MOHAN	OK
9	CCV70	CCV70	CCV	07/09/25 11:48		MOHAN	OK
10	CCB70	CCB70	CCB	07/09/25 11:50		MOHAN	OK
11	CRA	CRA	CRDL	07/09/25 11:53		MOHAN	OK
12	HighStd	HighStd	HIGH STD	07/09/25 11:55		MOHAN	OK
13	ChkStd	ChkStd	SAM	07/09/25 11:57		MOHAN	OK
14	PB168760BL	PB168760BL	MB	07/09/25 12:00		MOHAN	OK
15	PB168760BS	PB168760BS	LCS	07/09/25 12:02		MOHAN	OK
16	Q2489-01	G4(0-6)	SAM	07/09/25 12:04		MOHAN	OK
17	Q2489-02	G4(6-12)	SAM	07/09/25 12:06		MOHAN	OK
18	Q2489-03	G3(0-6)	SAM	07/09/25 12:09		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136403

Review By	MOHAN	Review On	7/10/2025 9:48:52 AM
Supervise By	jaswal	Supervise On	7/10/2025 11:31:40 PM

STD. NAME	STD REF.#
ICAL Standard	MP86306,MP86307,MP86308,MP86309,MP86310,MP86311
ICV Standard	MP86312
CCV Standard	MP86314
ICSA Standard	
CRI Standard	MP86316
LCS Standard	
Chk Standard	MP86313,MP86315,MP86317,MP86335

19	Q2489-04	G3(6-12)	SAM	07/09/25 12:14		MOHAN	OK
20	Q2489-05	G2(0-6)	SAM	07/09/25 12:16		MOHAN	OK
21	CCV71	CCV71	CCV	07/09/25 12:18		MOHAN	OK
22	CCB71	CCB71	CCB	07/09/25 12:20		MOHAN	OK
23	Q2489-06	G2(6-12)	SAM	07/09/25 12:23		MOHAN	OK
24	Q2489-07	G1(0-6)	SAM	07/09/25 12:25		MOHAN	OK
25	Q2489-08	G1(6-12)	SAM	07/09/25 12:27		MOHAN	OK
26	Q2489-08DUP	G1(6-12)DUP	DUP	07/09/25 12:30		MOHAN	OK
27	Q2489-08MS	G1(6-12)MS	MS	07/09/25 12:32		MOHAN	OK
28	Q2489-08MSD	G1(6-12)MSD	MSD	07/09/25 12:34		MOHAN	OK
29	PB168766BL	PB168766BL	MB	07/09/25 12:37		MOHAN	OK
30	PB168766BS	PB168766BS	LCS	07/09/25 12:39		MOHAN	OK
31	Q2503-01	GCAP2W	SAM	07/09/25 12:41	Hg is high	MOHAN	Dilution
32	Q2509-01	AUD-25-0110-0111	SAM	07/09/25 12:48		MOHAN	OK
33	CCV72	CCV72	CCV	07/09/25 12:56		MOHAN	OK
34	CCB72	CCB72	CCB	07/09/25 12:58		MOHAN	OK
35	Q2509-01DUP	AUD-25-0110-0111DU	DUP	07/09/25 13:01		MOHAN	OK
36	Q2509-01MS	AUD-25-0110-0111MS	MS	07/09/25 13:07		MOHAN	OK
37	Q2509-01MSD	AUD-25-0110-0111MS	MSD	07/09/25 13:09		MOHAN	OK
38	PB168728TB	PB168728TB	MB	07/09/25 13:12		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136403

Review By	MOHAN	Review On	7/10/2025 9:48:52 AM
Supervise By	jaswal	Supervise On	7/10/2025 11:31:40 PM

STD. NAME	STD REF.#
ICAL Standard	MP86306,MP86307,MP86308,MP86309,MP86310,MP86311
ICV Standard	MP86312
CCV Standard	MP86314
ICSA Standard	
CRI Standard	MP86316
LCS Standard	
Chk Standard	MP86313,MP86315,MP86317,MP86335

39	Q2489-08L	G1(6-12)L	SD	07/09/25 13:14		MOHAN	OK
40	Q2489-08A	G1(6-12)A	PS	07/09/25 13:16		MOHAN	OK
41	Q2509-01L	AUD-25-0110-0111L	SD	07/09/25 13:18		MOHAN	OK
42	Q2509-01A	AUD-25-0110-0111A	PS	07/09/25 13:21		MOHAN	OK
43	Q2503-01DL	GCAP2WDL	SAM	07/09/25 13:28	25X for Hg	MOHAN	Confirms
44	CCV73	CCV73	CCV	07/09/25 13:31		MOHAN	OK
45	CCB73	CCB73	CCB	07/09/25 13:33		MOHAN	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136407

Review By	Janvi	Review On	7/10/2025 7:19:58 PM
Supervise By	jaswal	Supervise On	7/10/2025 11:33:47 PM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/09/25 09:39		Janvi	OK
2	S1	S1	CAL2	07/09/25 09:44		Janvi	OK
3	S2	S2	CAL3	07/09/25 09:48		Janvi	OK
4	S3	S3	CAL4	07/09/25 09:52		Janvi	OK
5	S4	S4	CAL5	07/09/25 09:57		Janvi	OK
6	S5	S5	CAL6	07/09/25 10:01		Janvi	OK
7	ICV01	ICV01	ICV	07/09/25 10:05		Janvi	OK
8	LLICV01	LLICV01	LLICV	07/09/25 10:17		Janvi	OK
9	ICB01	ICB01	ICB	07/09/25 10:22		Janvi	OK
10	CRI01	CRI01	CRDL	07/09/25 10:26		Janvi	OK
11	ICSA01	ICSA01	ICSA	07/09/25 10:31		Janvi	OK
12	ICSAB01	ICSAB01	ICSAB	07/09/25 10:35		Janvi	OK
13	ICSADL	ICSADL	ICSA	07/09/25 10:39		Janvi	OK
14	ICSABDL	ICSABDL	ICSAB	07/09/25 10:44		Janvi	OK
15	CCV01	CCV01	CCV	07/09/25 10:48		Janvi	OK
16	CCB01	CCB01	CCB	07/09/25 10:57		Janvi	OK
17	Q2425-01	COMP-1	SAM	07/09/25 11:02		Janvi	OK
18	Q2425-02	COMP-2	SAM	07/09/25 11:06		Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136407

Review By	Janvi	Review On	7/10/2025 7:19:58 PM
Supervise By	jaswal	Supervise On	7/10/2025 11:33:47 PM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

19	Q2425-03	COMP-3	SAM	07/09/25 11:11		Janvi	OK
20	Q2425-03DUP	COMP-3DUP	DUP	07/09/25 11:15		Janvi	OK
21	Q2425-03L	COMP-3L	SD	07/09/25 11:20		Janvi	OK
22	Q2425-03MS	COMP-3MS	MS	07/09/25 11:24		Janvi	OK
23	Q2425-03MSD	COMP-3MSD	MSD	07/09/25 11:29		Janvi	OK
24	Q2425-03A	COMP-3A	PS	07/09/25 11:33	0.1ML OF M6004 AND M6013 IN 10ML SAMPLE.	Janvi	OK
25	PB168628BL	PB168628BL	MB	07/09/25 11:38		Janvi	OK
26	PB168628BS	PB168628BS	LCS	07/09/25 11:42		Janvi	OK
27	CCV02	CCV02	CCV	07/09/25 11:47		Janvi	OK
28	CCB02	CCB02	CCB	07/09/25 11:56		Janvi	OK
29	Q2477-01	50728	SAM	07/09/25 12:10	CCB Fail for Al	Janvi	Not Ok
30	Q2477-01DUP	50728DUP	DUP	07/09/25 12:14	CCB Fail for Al	Janvi	Not Ok
31	Q2477-01L	50728L	SD	07/09/25 12:18	CCB Fail for Al	Janvi	Not Ok
32	Q2477-01MS	50728MS	MS	07/09/25 12:23	CCB Fail for Al	Janvi	Not Ok
33	Q2477-01MSD	50728MSD	MSD	07/09/25 12:27	CCB Fail for Al	Janvi	Not Ok
34	Q2477-01A	50728A	PS	07/09/25 12:31	CCB Fail for Al	Janvi	Not Ok
35	Q2473-07	PIT#3	SAM	07/09/25 12:36	NOT USE	Janvi	Not Ok
36	Q2473-08	PIT#4	SAM	07/09/25 12:40	NOT USE	Janvi	Not Ok
37	PB168748BL	PB168748BL	MB	07/09/25 12:45	CCB Fail for Al	Janvi	Not Ok

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136407

Review By	Janvi	Review On	7/10/2025 7:19:58 PM
Supervise By	jaswal	Supervise On	7/10/2025 11:33:47 PM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

38	PB168748BS	PB168748BS	LCS	07/09/25 12:49	CCB Fail for Al	Janvi	Not Ok
39	CCV03	CCV03	CCV	07/09/25 12:54		Janvi	OK
40	CCB03	CCB03	CCB	07/09/25 12:58	CCB Fail for Al	Janvi	OK
41	Q2481-01DL	CC0627-ALDL	SAM	07/09/25 13:06	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
42	Q2481-01DUPDL	CC0627-ALDUPDL	DUP	07/09/25 13:11	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
43	Q2481-011DL	CC0627-AL	SAM	07/09/25 13:16	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
44	Q2481-01MSDL	CC0627-ALMSDL	MS	07/09/25 13:20	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
45	Q2481-01MSDDL	CC0627-ALMSDDL	MSD	07/09/25 13:25	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
46	Q2481-01ADL	CC0627-ALADL	PS	07/09/25 13:30	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
47	Q2481-02DL	CC0627-CLOXPLDL	SAM	07/09/25 13:35	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
48	Q2481-03DL	CC0625-OXBLDL	SAM	07/09/25 13:40	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
49	Q2481-03DL2	CC0625-OXBLDL2	SAM	07/09/25 13:44	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
50	Q2481-04DL	CC0627-AOXLDL	SAM	07/09/25 13:49	CCB Fail for Ag, Straight 10x Dilution for all elements	Janvi	Not Ok
51	CCV04	CCV04	CCV	07/09/25 14:05		Janvi	OK
52	CCB04	CCB04	CCB	07/09/25 14:28	CCB Fail for Ag	Janvi	OK
53	Q2481-06DL	CC0267-OXPLDL	SAM	07/09/25 14:33	CCB Fail for Ag, Straight 5x Dilution for all elements	Janvi	Not Ok

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136407

Review By	Janvi	Review On	7/10/2025 7:19:58 PM
Supervise By	jaswal	Supervise On	7/10/2025 11:33:47 PM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

54	Q2481-07DL	CC0627-OXLDL	SAM	07/09/25 14:37	CCB Fail for Ag, Straight 5x Dilution for all elements	Janvi	Not Ok
55	Q2481-08	CC0627-CLOXAL	SAM	07/09/25 14:42	CCB Fail for Ag	Janvi	Not Ok
56	Q2481-09DL	CC0627-BLDL	SAM	07/09/25 14:46	CCB Fail for Ag, Straight 5x Dilution for all elements	Janvi	Not Ok
57	Q2481-10DL	CC0627-SFBLDL	SAM	07/09/25 14:51	CCB Fail for Ag, Straight 5x Dilution for all elements	Janvi	Not Ok
58	Q2481-05DL	CC0625-NLDL	SAM	07/09/25 14:56	CCB Fail for Ag, Straight 5x Dilution for all elements	Janvi	Not Ok
59	Q2509-01	AUD-25-0110-0111	SAM	07/09/25 15:00	CCB Fail for Ag	Janvi	Not Ok
60	Q2512-01	WATER TREATMENT	SAM	07/09/25 15:05	CCB Fail for Ag	Janvi	Not Ok
61	Q2488-01	RW8-SP100-2025070	SAM	07/09/25 15:10		Janvi	OK
62	PB168705TB	PB168705TB	MB	07/09/25 15:14	CCB Fail for Ag	Janvi	Not Ok
63	CCV05	CCV05	CCV	07/09/25 15:27		Janvi	OK
64	CCB05	CCB05	CCB	07/09/25 15:33	CCB Fail for Ag	Janvi	OK
65	Q2503-01	GCAP2W	SAM	07/09/25 15:37	CCB Fail for Ag	Janvi	Not Ok
66	Q2512-01DUP	WATER TREATMENT	DUP	07/09/25 15:43	CCB Fail for Ag	Janvi	Not Ok
67	Q2512-01L	WATER TREATMENT	SD	07/09/25 15:47	CCB Fail for Ag	Janvi	Not Ok
68	Q2512-01MS	WATER TREATMENT	MS	07/09/25 15:52	CCB Fail for Ag	Janvi	Not Ok
69	Q2512-01MSD	WATER TREATMENT	MSD	07/09/25 15:56	CCB Fail for Ag	Janvi	Not Ok
70	Q2512-01A	WATER TREATMENT	PS	07/09/25 16:01	CCB Fail for Ag	Janvi	Not Ok
71	PB168712BL	PB168712BL	MB	07/09/25 16:05	CCB Fail for Ag	Janvi	Not Ok
72	PB168712BS	PB168712BS	LCS	07/09/25 16:09	CCB Fail for Ag	Janvi	Not Ok

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136407

Review By	Janvi	Review On	7/10/2025 7:19:58 PM
Supervise By	jaswal	Supervise On	7/10/2025 11:33:47 PM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

73	CCV06	CCV06	CCV	07/09/25 16:39		Janvi	OK
74	CCB06	CCB06	CCB	07/09/25 16:43		Janvi	OK
75	Q2488-02	RW8-SP303-2025070	SAM	07/09/25 16:52		Janvi	OK
76	Q2487-15	G1(0-6)	SAM	07/09/25 17:14	Al,Ba,Ca,Pb,Zn High	Janvi	Dilution
77	Q2484-02	TP-57	SAM	07/09/25 17:19		Janvi	OK
78	Q2484-03	TP-64	SAM	07/09/25 17:23		Janvi	OK
79	Q2484-04	TP-107	SAM	07/09/25 17:28		Janvi	OK
80	Q2484-05	TP-106	SAM	07/09/25 17:32		Janvi	OK
81	Q2484-06	TP-104	SAM	07/09/25 17:37	NOT USE	Janvi	Not Ok
82	Q2484-06DUP	TP-104DUP	DUP	07/09/25 17:41	NOT USE	Janvi	Not Ok
83	Q2484-06L	TP-104L	SD	07/09/25 17:46	NOT USE	Janvi	Not Ok
84	CCV07	CCV07	CCV	07/09/25 17:50		Janvi	OK
85	CCB07	CCB07	CCB	07/09/25 17:54		Janvi	OK
86	Q2484-06MS	TP-104MS	MS	07/09/25 17:59	Bad injection	Janvi	Not Ok
87	Q2484-06MSD	TP-104MSD	MSD	07/09/25 18:03	Bad injection	Janvi	Not Ok
88	Q2484-06A	TP-104A	PS	07/09/25 18:08	NOT USE	Janvi	Not Ok
89	Q2487-09	G4(0-6)	SAM	07/09/25 18:12		Janvi	OK
90	Q2487-10	G4(6-12)	SAM	07/09/25 18:17		Janvi	OK
91	Q2487-11	G3(0-6)	SAM	07/09/25 18:21	Zn high	Janvi	Dilution
92	Q2487-12	G3(6-12)	SAM	07/09/25 18:26		Janvi	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB136407

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Supervise By	jaswal	Supervise On	7/10/2025 11:33:47 PM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

93	Q2487-13	G2(0-6)	SAM	07/09/25 18:31		Janvi	OK
94	PB168689TB	PB168689TB	MB	07/09/25 18:35		Janvi	OK
95	Q2473-02	PIT#2	SAM	07/09/25 18:40		Janvi	OK
96	CCV08	CCV08	CCV	07/09/25 18:54		Janvi	OK
97	CCB08	CCB08	CCB	07/09/25 18:58		Janvi	OK
98	Q2487-16	G1(6-12)	SAM	07/09/25 19:03	Zn high	Janvi	Dilution
99	Q2503-01DL	GCAP2WDL	SAM	07/09/25 19:08	Straight 5x Dilution for all elements	Janvi	OK
100	PB168740BL	PB168740BL	MB	07/09/25 19:12	Not Use	Janvi	Not Ok
101	PB168740BS	PB168740BS	LCS	07/09/25 19:16	Not Use	Janvi	Not Ok
102	Q2503-05	GCAP2A	SAM	07/09/25 19:21		Janvi	OK
103	Q2513-01	HR-2-070325	SAM	07/09/25 19:25		Janvi	OK
104	Q2513-03	HR-3-070325	SAM	07/09/25 19:30		Janvi	OK
105	Q2514-01	TP-92	SAM	07/09/25 19:34		Janvi	OK
106	Q2514-02	TP-93	SAM	07/09/25 19:39		Janvi	OK
107	Q2514-03	TP-94	SAM	07/09/25 19:43		Janvi	OK
108	CCV09	CCV09	CCV	07/09/25 19:48		Janvi	OK
109	CCB09	CCB09	CCB	07/09/25 19:52		Janvi	OK
110	Q2514-04	TP-96	SAM	07/09/25 19:56		Janvi	OK
111	Q2514-05	TP-97	SAM	07/09/25 20:01		Janvi	OK

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Supervise By	jaswal	Supervise On	7/10/2025 11:33:47 PM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

112	Q2514-06	TP-103	SAM	07/09/25 20:05		Janvi	OK
113	Q2514-07	TP-36	SAM	07/09/25 20:10		Janvi	OK
114	Q2514-08	TP-78	SAM	07/09/25 20:14		Janvi	OK
115	Q2514-09	TP-81	SAM	07/09/25 20:19		Janvi	OK
116	Q2514-10	TP-90	SAM	07/09/25 20:23		Janvi	OK
117	Q2515-01	WC-1	SAM	07/09/25 20:28	NOT USE	Janvi	Not Ok
118	Q2515-01DUP	WC-1DUP	DUP	07/09/25 20:32	NOT USE	Janvi	Not Ok
119	Q2515-01L	WC-1L	SD	07/09/25 20:37	NOT USE	Janvi	Not Ok
120	CCV10	CCV10	CCV	07/09/25 20:41		Janvi	OK
121	CCB10	CCB10	CCB	07/09/25 20:45		Janvi	OK
122	Q2515-01MS	WC-1MS	MS	07/09/25 20:50	Bad Injection	Janvi	Not Ok
123	Q2515-01MSD	WC-1MSD	MSD	07/09/25 20:54	NOT USE	Janvi	Not Ok
124	Q2515-01A	WC-1A	PS	07/09/25 20:59	NOT USE	Janvi	Not Ok
125	Q2487-14	G2(6-12)	SAM	07/09/25 21:03	Zn high	Janvi	Dilution
126	Q2487-15DL	G1(0-6)DL	SAM	07/09/25 21:08	5x for Dilution for Al,Ba,Ca,Pb,Zn	Janvi	Confirms
127	CCV11	CCV11	CCV	07/09/25 21:12		Janvi	OK
128	CCB11	CCB11	CCB	07/09/25 21:16		Janvi	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/10/25 16:46		Janvi	OK
2	S1	S1	CAL2	07/10/25 16:50		Janvi	OK
3	S2	S2	CAL3	07/10/25 16:55		Janvi	OK
4	S3	S3	CAL4	07/10/25 16:59		Janvi	OK
5	S4	S4	CAL5	07/10/25 17:03		Janvi	OK
6	S5	S5	CAL6	07/10/25 17:07		Janvi	OK
7	ICV01	ICV01	ICV	07/10/25 18:39	ICV fail for K,Ag (200.7) (95-105)	Janvi	OK
8	LLICV01	LLICV01	LLICV	07/10/25 18:51		Janvi	OK
9	ICB01	ICB01	ICB	07/10/25 18:55		Janvi	OK
10	CRI01	CRI01	CRDL	07/10/25 19:01		Janvi	OK
11	ICSA01	ICSA01	ICSA	07/10/25 19:11		Janvi	OK
12	ICSAB01	ICSAB01	ICSAB	07/10/25 19:15		Janvi	OK
13	ICSADL	ICSADL	ICSA	07/10/25 19:20		Janvi	OK
14	ICSABDL	ICSABDL	ICSAB	07/10/25 19:24		Janvi	OK
15	CCV01	CCV01	CCV	07/10/25 19:43		Janvi	OK
16	CCB01	CCB01	CCB	07/10/25 19:54		Janvi	OK
17	Q2532-01	001-WILLETS-PT-BL	SAM	07/10/25 19:58		Janvi	OK
18	Q2532-02	002-35th-AVE(MAY)	SAM	07/10/25 20:03		Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

19	Q2533-01	001 WILLETS PT BLV	SAM	07/10/25 20:08		Janvi	OK
20	Q2533-02	002-35th-AVE(JUNE)	SAM	07/10/25 20:12		Janvi	OK
21	Q2509-01	AUD-25-0110-0111	SAM	07/10/25 20:17		Janvi	OK
22	Q2512-01	WATER TREATMENT	SAM	07/10/25 20:21	K oversaturated	Janvi	Dilution
23	Q2520-24	A-24	SAM	07/10/25 20:26		Janvi	OK
24	Q2520-24DUP	A-24DUP	DUP	07/10/25 20:30		Janvi	OK
25	Q2520-24L	A-24L	SD	07/10/25 20:35		Janvi	OK
26	Q2520-24MS	A-24MS	MS	07/10/25 20:55		Janvi	OK
27	CCV02	CCV02	CCV	07/10/25 20:59		Janvi	OK
28	CCB02	CCB02	CCB	07/10/25 21:04		Janvi	OK
29	Q2520-24MSD	A-24MSD	MSD	07/10/25 21:09		Janvi	OK
30	Q2520-24A	A-24A	PS	07/10/25 21:14	0.1ml of M6004,M6013 in 10ml sample.	Janvi	OK
31	PB168772BL	PB168772BL	MB	07/10/25 21:18	Not use	Janvi	Not Ok
32	Q2512-01DUP	WATER TREATMENT	DUP	07/10/25 21:27	K oversaturated	Janvi	Dilution
33	PB168772BS	PB168772BS	LCS	07/10/25 21:31	Not use	Janvi	Not Ok
34	Q2512-01L	WATER TREATMENT	SD	07/10/25 21:36		Janvi	OK
35	Q2512-01MS	WATER TREATMENT	MS	07/10/25 21:50	K oversaturated	Janvi	Dilution
36	Q2512-01MSD	WATER TREATMENT	MSD	07/10/25 21:59	K oversaturated	Janvi	Dilution
37	Q2512-01A	WATER TREATMENT	PS	07/10/25 22:03	K oversaturated, 0.1ml of M6004,M6013 in 10ml sample.	Janvi	Dilution

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

38	PB168705TB	PB168705TB	MB	07/10/25 22:07		Janvi	OK
39	CCV03	CCV03	CCV	07/10/25 22:32		Janvi	OK
40	CCB03	CCB03	CCB	07/10/25 22:36		Janvi	OK
41	Q2477-01	50728	SAM	07/10/25 22:41	confirm wt/vol	Janvi	OK
42	Q2477-01DUP	50728DUP	DUP	07/10/25 22:45		Janvi	OK
43	Q2477-01L	50728L	SD	07/10/25 22:49		Janvi	OK
44	Q2477-01MS	50728MS	MS	07/10/25 22:54		Janvi	OK
45	Q2477-01MSD	50728MSD	MSD	07/10/25 22:58		Janvi	OK
46	Q2477-01A	50728A	PS	07/10/25 23:02	0.1ml of M6004,M6013 in 10ml sample.	Janvi	OK
47	Q2473-07	PIT#3	SAM	07/10/25 23:07		Janvi	OK
48	Q2473-08	PIT#4	SAM	07/10/25 23:11		Janvi	OK
49	PB168748BL	PB168748BL	MB	07/10/25 23:16		Janvi	OK
50	PB168748BS	PB168748BS	LCS	07/10/25 23:20		Janvi	OK
51	CCV04	CCV04	CCV	07/10/25 23:29		Janvi	OK
52	CCB04	CCB04	CCB	07/10/25 23:53		Janvi	OK
53	Q2512-01DL	WATER TREATMENT	SAM	07/10/25 23:57	5x for K	Janvi	Confirms
54	Q2512-01DUPDL	WATER TREATMENT	DUP	07/11/25 00:02	5x for K	Janvi	Confirms
55	Q2512-01LDL	WATER TREATMENT	SD	07/11/25 00:07		Janvi	OK
56	Q2512-01MSDL	WATER TREATMENT	MS	07/11/25 00:11	5x for K	Janvi	Confirms

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Instrument ID: P5

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Supervise By	MOHAN	Supervise On	7/18/2025 9:42:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

57	Q2512-01MSDDL	WATER TREATMENT	MSD	07/11/25 00:16	5x for K	Janvi	Confirms
58	Q2512-01ADL	WATER TREATMENT	PS	07/11/25 00:20	5x for K	Janvi	Confirms
59	PB168712BL	PB168712BL	MB	07/11/25 00:25		Janvi	OK
60	PB168712BS	PB168712BS	LCS	07/11/25 00:30		Janvi	OK
61	PB168740BL	PB168740BL	MB	07/11/25 00:34		Janvi	OK
62	PB168740BS	PB168740BS	LCS	07/11/25 00:38		Janvi	OK
63	CCV05	CCV05	CCV	07/11/25 00:47		Janvi	OK
64	CCB05	CCB05	CCB	07/11/25 00:51		Janvi	OK
65	PB168739BL	PB168739BL	MB	07/11/25 00:56		Janvi	OK
66	PB168739BS	PB168739BS	LCS	07/11/25 01:00		Janvi	OK
67	Q2481-01DL	CC0627-ALDL	SAM	07/11/25 01:04	Straight 10x for All elements	Janvi	OK
68	Q2481-01DUPDL	CC0627-ALDUPDL	DUP	07/11/25 01:09	Straight 10x for All elements	Janvi	OK
69	Q2481-01LDL	CC0627-ALLDL	SD	07/11/25 01:14	Straight 50x for All elements	Janvi	OK
70	Q2481-01MSDL	CC0627-ALMSDL	MS	07/11/25 01:19	Straight 10x for All elements	Janvi	OK
71	Q2481-01MSDDL	CC0627-ALMSDDL	MSD	07/11/25 01:24	Straight 10x for All elements	Janvi	OK
72	Q2481-01ADL	CC0627-ALADL	PS	07/11/25 01:29	Straight 10x for All elements, (0.1 ML of M6004,M6013 in 10 ml sample before dilution)	Janvi	OK
73	Q2481-02DL	CC0627-CLOXPLDL	SAM	07/11/25 01:34	Straight 10x for All elements	Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

74	Q2481-03DL	CC0625-OXBLDL	SAM	07/11/25 01:39	Straight 10x for All elements	Janvi	OK
75	CCV06	CCV06	CCV	07/11/25 01:47		Janvi	OK
76	CCB06	CCB06	CCB	07/11/25 02:23		Janvi	OK
77	Q2481-04DL	CC0627-AOXLDL	SAM	07/11/25 02:27	Straight 5x for All elements	Janvi	OK
78	Q2481-05DL	CC0625-NLDL	SAM	07/11/25 02:32	Straight 5x for All elements	Janvi	OK
79	Q2481-06DL	CC0267-OXPLDL	SAM	07/11/25 02:36	Straight 5x for All elements	Janvi	OK
80	Q2481-07DL	CC0627-OXLDL	SAM	07/11/25 02:41	Straight 5x for All elements	Janvi	OK
81	Q2481-08	CC0627-CLOXAL	SAM	07/11/25 02:45		Janvi	OK
82	Q2481-09DL	CC0627-BLDL	SAM	07/11/25 02:50	Straight 10x for All elements	Janvi	OK
83	Q2481-10DL	CC0627-SFBLDL	SAM	07/11/25 02:55	Straight 5x for All elements	Janvi	OK
84	Q2481-03DL2	CC0625-OXBLDL2	SAM	07/11/25 02:59	NOT USE	Janvi	Not Ok
85	Q2487-11DL	G3(0-6)DL	SAM	07/11/25 03:04	5x for Zn, Still Zn high	Janvi	Dilution
86	Q2487-16DL	G1(6-12)DL	SAM	07/11/25 03:08	5x for Zn, Still Zn high	Janvi	Dilution
87	CCV07	CCV07	CCV	07/11/25 03:17		Janvi	OK
88	CCB07	CCB07	CCB	07/11/25 03:26		Janvi	OK
89	Q2487-14DL	G2(6-12)DL	SAM	07/11/25 03:30	5x for Zn, Still Zn high	Janvi	Confirms
90	Q2520-21	A-21	SAM	07/11/25 03:34		Janvi	OK
91	Q2520-22	A-22	SAM	07/11/25 03:39		Janvi	OK
92	Q2520-23	A-23	SAM	07/11/25 03:43		Janvi	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

93	PB168771BL	PB168771BL	MB	07/11/25 03:48		Janvi	OK
94	PB168771BS	PB168771BS	LCS	07/11/25 03:52		Janvi	OK
95	Q2520-01	A-1	SAM	07/11/25 03:56		Janvi	OK
96	Q2520-02	A-2	SAM	07/11/25 04:01		Janvi	OK
97	Q2520-03	A-3	SAM	07/11/25 04:05		Janvi	OK
98	Q2520-24RE	A-24RE	SAM	07/11/25 04:10	Not Use	Janvi	Not Ok
99	CCV08	CCV08	CCV	07/11/25 04:18		Janvi	OK
100	CCB08	CCB08	CCB	07/11/25 04:27	CCB fail for Ag	Janvi	OK
101	Q2520-05	A-5	SAM	07/11/25 04:31		Janvi	OK
102	Q2520-06	A-6	SAM	07/11/25 04:36	Bad injection	Janvi	Not Ok
103	Q2520-07	A-7	SAM	07/11/25 04:40		Janvi	OK
104	Q2520-08	A-8	SAM	07/11/25 04:44		Janvi	OK
105	Q2520-09	A-9	SAM	07/11/25 04:49		Janvi	OK
106	Q2520-10	A-10	SAM	07/11/25 04:53		Janvi	OK
107	Q2520-11	A-11	SAM	07/11/25 04:58		Janvi	OK
108	Q2520-12	A-12	SAM	07/11/25 05:02		Janvi	OK
109	Q2520-13	A-13	SAM	07/11/25 05:06		Janvi	OK
110	Q2520-14	A-14	SAM	07/11/25 05:11		Janvi	OK
111	CCV09	CCV09	CCV	07/11/25 05:19		Janvi	OK
112	CCB09	CCB09	CCB	07/11/25 05:24		Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

113	Q2520-15	A-15	SAM	07/11/25 05:33		Janvi	OK
114	Q2520-16	A-16	SAM	07/11/25 05:37		Janvi	OK
115	Q2520-17	A-17	SAM	07/11/25 05:41		Janvi	OK
116	Q2520-18	A-18	SAM	07/11/25 05:46		Janvi	OK
117	Q2520-19	A-19	SAM	07/11/25 05:50		Janvi	OK
118	Q2520-20	A-20	SAM	07/11/25 05:55		Janvi	OK
119	Q2520-20DUP	A-20DUP	DUP	07/11/25 05:59		Janvi	OK
120	Q2520-20L	A-20L	SD	07/11/25 06:03		Janvi	OK
121	Q2520-20MS	A-20MS	MS	07/11/25 06:08		Janvi	OK
122	CCV10	CCV10	CCV	07/11/25 06:16		Janvi	OK
123	CCB10	CCB10	CCB	07/11/25 06:21		Janvi	OK
124	Q2520-20MSD	A-20MSD	MSD	07/11/25 06:30		Janvi	OK
125	Q2520-20A	A-20A	PS	07/11/25 06:34	0.1ml of M6004,M6013 in 10ml sample.	Janvi	OK
126	CCV11	CCV11	CCV	07/11/25 06:43		Janvi	OK
127	CCB11	CCB11	CCB	07/11/25 06:47		Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136534

Review By	Janvi	Review On	7/18/2025 9:36:01 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:49 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/17/25 13:23		Janvi	OK
2	S1	S1	CAL2	07/17/25 13:28		Janvi	OK
3	S2	S2	CAL3	07/17/25 13:33		Janvi	OK
4	S3	S3	CAL4	07/17/25 13:38		Janvi	OK
5	S4	S4	CAL5	07/17/25 13:43		Janvi	OK
6	S5	S5	CAL6	07/17/25 13:48		Janvi	OK
7	ICV01	ICV01	ICV	07/17/25 14:14		Janvi	OK
8	LLICV01	LLICV01	LLICV	07/17/25 14:24		Janvi	OK
9	ICB01	ICB01	ICB	07/17/25 14:29		Janvi	OK
10	CRI01	CRI01	CRDL	07/17/25 14:39		Janvi	OK
11	ICSA01	ICSA01	ICSA	07/17/25 14:46		Janvi	OK
12	ICSAB01	ICSAB01	ICSAB	07/17/25 14:51		Janvi	OK
13	CCV01	CCV01	CCV	07/17/25 14:56		Janvi	OK
14	CCB01	CCB01	CCB	07/17/25 15:01		Janvi	OK
15	Q2515-01	WC-1	SAM	07/17/25 15:09		Janvi	OK
16	Q2515-01DUP	WC-1DUP	DUP	07/17/25 15:14		Janvi	OK
17	Q2515-01LRE	WC-1L	SD	07/17/25 15:19	NOT USE	Janvi	Not Ok
18	Q2515-01MS	WC-1MS	MS	07/17/25 15:24		Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136534

Review By	Janvi	Review On	7/18/2025 9:36:01 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:49 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

19	Q2515-01MSD	WC-1MSD	MSD	07/17/25 15:29		Janvi	OK
20	Q2515-01A	WC-1A	PS	07/17/25 15:34		Janvi	OK
21	Q2515-01L	WC-1L	SD	07/17/25 15:39	0.1ml of M6004,M6013 in 10ml sample.	Janvi	OK
22	CCV02	CCV02	CCV	07/17/25 15:44		Janvi	OK
23	CCB02	CCB02	CCB	07/17/25 15:49		Janvi	OK
24	Q2565-01	MOO-25-0192-0193	SAM	07/17/25 16:27	K Oversaturated	Janvi	Dilution
25	Q2598-01	OK-01-071425	SAM	07/17/25 16:32		Janvi	OK
26	Q2600-01	TRENCH	SAM	07/17/25 16:37		Janvi	OK
27	Q2600-05	STOCK-PILE	SAM	07/17/25 16:42		Janvi	OK
28	Q2600-09	END-OF-TRENCH	SAM	07/17/25 16:47		Janvi	OK
29	Q2602-01	FRAC-TANK-266380	SAM	07/17/25 16:52		Janvi	OK
30	Q2602-01DUP	FRAC-TANK-266380D	DUP	07/17/25 16:57		Janvi	OK
31	Q2602-01L	FRAC-TANK-266380L	SD	07/17/25 17:02		Janvi	OK
32	Q2602-01MS	FRAC-TANK-266380M	MS	07/17/25 17:08		Janvi	OK
33	Q2602-01MSD	FRAC-TANK-266380M	MSD	07/17/25 17:13		Janvi	OK
34	CCV03	CCV03	CCV	07/17/25 17:18		Janvi	OK
35	CCB03	CCB03	CCB	07/17/25 17:36		Janvi	OK
36	Q2602-01A	FRAC-TANK-266380A	PS	07/17/25 17:41	0.1ml of M6004,M6013 in 10ml sample.	Janvi	OK
37	Q2586-01	TP-16	SAM	07/17/25 17:46		Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136534

Review By	Janvi	Review On	7/18/2025 9:36:01 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:49 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

38	Q2589-01	AU-06-071125	SAM	07/17/25 17:51		Janvi	OK
39	Q2590-01RE	NB-07-071125RE	SAM	07/17/25 18:01	NOT USE	Janvi	Not Ok
40	Q2592-01	WC-SOIL-20250711	SAM	07/17/25 18:06		Janvi	OK
41	Q2565-01DL	MOO-25-0192-0193D	SAM	07/17/25 18:12	NOT USE	Janvi	Not Ok
42	Q2565-01DL2	MOO-25-0192-0193D	SAM	07/17/25 18:19	NOT USE	Janvi	Not Ok
43	Q2565-01DL3	MOO-25-0192-0193D	SAM	07/17/25 18:29	NOT USE	Janvi	Not Ok
44	Q2565-01DL4	MOO-25-0192-0193D	SAM	07/17/25 18:35	40x for K	Janvi	Confirms
45	Q2590-01A	NB-07-071125A	PS	07/17/25 18:40	0.1ml of M6004,M6013 in 10ml sample.	Janvi	OK
46	CCV04	CCV04	CCV	07/17/25 18:45		Janvi	OK
47	CCB04	CCB04	CCB	07/17/25 18:50		Janvi	OK
48	PB168846BL	PB168846BL	MB	07/17/25 18:58		Janvi	OK
49	PB168846BS	PB168846BS	LCS	07/17/25 19:16		Janvi	OK
50	PB168859BS	PB168859BS	LCS	07/17/25 19:25		Janvi	OK
51	PB168859BL	PB168859BL	MB	07/17/25 19:30		Janvi	OK
52	Q2590-01	NB-07-071125	SAM	07/17/25 19:35		Janvi	OK
53	Q2590-01DUP	NB-07-071125DUP	DUP	07/17/25 19:41		Janvi	OK
54	Q2590-01MS	NB-07-071125MS	MS	07/17/25 19:51		Janvi	OK
55	Q2590-01MSD	NB-07-071125MSD	MSD	07/17/25 19:56		Janvi	OK
56	Q2590-01L	NB-07-071125L	SD	07/17/25 20:01		Janvi	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136534

Review By	Janvi	Review On	7/18/2025 9:36:01 AM
Supervise By	MOHAN	Supervise On	7/18/2025 9:42:49 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

57	Q2557-02	OILY WATER	SAM	07/17/25 20:06	MS/MSD fail for more than 50% parameters	Janvi	OK
58	CCV05	CCV05	CCV	07/17/25 20:11		Janvi	OK
59	CCB05	CCB05	CCB	07/17/25 20:16		Janvi	OK
60	Q2557-02DUP	OILY WATERDUP	DUP	07/17/25 20:21	MS/MSD fail for more than 50% parameters	Janvi	OK
61	Q2557-02L	OILY WATERL	SD	07/17/25 20:26	MS/MSD fail for more than 50% parameters	Janvi	OK
62	Q2557-02MS	OILY WATERMS	MS	07/17/25 20:31	MS/MSD fail for more than 50% parameters	Janvi	OK
63	Q2557-02MSD	OILY WATERMSD	MSD	07/17/25 20:36	MS/MSD fail for more than 50% parameters	Janvi	OK
64	Q2557-02A	OILY WATERA	PS	07/17/25 20:41	MS/MSD fail for more than 50% parameters	Janvi	OK
65	CCV06	CCV06	CCV	07/17/25 20:46		Janvi	OK
66	CCB06	CCB06	CCB	07/17/25 20:51		Janvi	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168739

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 07/07/2025 **Time :** 10:15 **Temp :** 96 °C

End Digest Date: 07/07/2025 **Time :** 13:20 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SPB.

Supervisor Signature: JPP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/07/25 14:20	SPB.met dig	JPP /Met lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168739

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168739BL	PBW739	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168739BS	LCS739	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	2
Q2488-01	RW8-SP100-20250701	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q2488-02	RW8-SP303-20250701	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2503-01	GCAP2W	<2	50	25	Brown	Colorless	Cloudy	Clear	N/A	5
Q2509-01	AUD-25-0110-0111	<2	50	25	Brown	Colorless	Cloudy	Clear	N/A	6
Q2512-01	WATER-TREATMENT DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q2512-01MS	WATER-TREATMENT DISCHARGEMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	9
Q2512-01MSD	WATER-TREATMENT DISCHARGEMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	10
Q2512-01DUP	WATER-TREATMENT DISCHARGEDUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168740

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 07/07/2025 **Time :** 10:05 **Temp :** 96 °C

End Digest Date: 07/07/2025 **Time :** 12:15 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: SKG.

Supervisor Signature: JPP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6170
CONC: HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #3 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/07/25 13:15	SKG. met. dig	JPP / Met lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168740

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168740BL	PBS740	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168740BS	LCS740	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6005,M6016	2
Q2503-05	GCAP2A	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	3
Q2507-01	SU-04-7.3-2025	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	4
Q2513-01	HR-2-070325	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	5
Q2513-03	HR-3-070325	N/A	2.39	100	Brown	Yellow	Medium	N/A	N/A	6
Q2514-01	TP-92	N/A	2.29	100	Brown	Yellow	Medium	N/A	N/A	7
Q2514-02	TP-93	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	8
Q2514-03	TP-94	N/A	2.37	100	Brown	Yellow	Medium	N/A	N/A	9
Q2514-04	TP-96	N/A	2.36	100	Brown	Yellow	Medium	N/A	N/A	10
Q2514-05	TP-97	N/A	2.45	100	Brown	Yellow	Medium	N/A	N/A	11
Q2514-06	TP-103	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	12
Q2514-07	TP-36	N/A	2.37	100	Brown	Yellow	Medium	N/A	N/A	13
Q2514-08	TP-78	N/A	2.42	100	Brown	Yellow	Medium	N/A	N/A	14
Q2514-09	TP-81	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	15
Q2514-10	TP-90	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	16
Q2515-01	WC-1	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	17
Q2515-01MS	WC-1MS	N/A	2.22	100	Brown	Yellow	Medium	N/A	M6005,M6016	19
Q2515-01MSD	WC-1MSD	N/A	2.15	100	Brown	Yellow	Medium	N/A	M6005,M6016	20
Q2515-01DUP	WC-1DUP	N/A	2.39	100	Brown	Yellow	Medium	N/A	N/A	18

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168743

SOP ID : M7471B-Mercury-18

SDG No : N/A

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 07/07/2025 **Time :** 08:30 **Temp :** 94 °C

End Digest Date: 07/07/2025 **Time :** 09:05 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86294
CCV	30mL	MP86296
CRA	30mL	MP86298
Blank Spike	0.48mL	MP86287
Matrix Spike	0.48mL	MP86287

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP86300
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.0mL	MP85894
PTFE Boiling Stones	----------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86288
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86289
2.5 ppb	S2.5	30mL	MP86290
5.0 ppb	S5.0	30mL	MP86291
7.5 ppb	S7.5	30mL	MP86292
10.0 ppb	S10.0	30mL	MP86293
ICV	ICV	30mL	MP86294
ICB	ICB	30mL	MP86295
CCV	CCV	30mL	MP86296
CCB	CCB	30mL	MP86297
CRI	CRI	30mL	MP86298
CHK STD	CHK STD	30mL	MP86299

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/7/2025 9:35		
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168743

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168743BL	PBS743	0.55	35	NA	N/A	3-1
PB168743BS	LCS743	0.53	35	NA	MP86287	2
Q2491-01DUP	EO-1-070225DUP	0.55	35	NA	N/A	4
Q2491-01MS	EO-1-070225MS	0.54	35	NA	MP86287	5
Q2491-01MSD	EO-1-070225MSD	0.55	35	NA	MP86287	6
Q2491-01	EO-1-070225	0.58	35	NA	N/A	3
Q2493-01	WC-11	0.58	35	NA	N/A	7
Q2503-05	GCAP2A	0.56	35	NA	N/A	8
Q2507-01	SU-04-7.3-2025	0.55	35	NA	N/A	9
Q2513-01	HR-2-070325	0.50	35	NA	N/A	10
Q2513-03	HR-3-070325	0.52	35	NA	N/A	11
Q2515-01	WC-1	0.60	35	NA	N/A	12

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168766

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 07/08/2025 **Time :** 08:10 **Temp :** 94 °C

End Digest Date: 07/08/2025 **Time :** 10:10 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86312
CCV	30mL	MP86314
CRA	30mL	MP86316
Blank Spike	0.48mL	MP86305
Matrix Spike	0.48mL	MP86305

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86306
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86307
2.5 ppb	S2.5	30mL	MP86308
5.0 ppb	S5.0	30mL	MP86309
7.5 ppb	S7.5	30mL	MP86310
10.0 ppb	S10.0	30mL	MP86311
ICV	ICV	30mL	MP86312
ICB	ICB	30mL	MP86313
CCV	CCV	30mL	MP86314
CCB	CCB	30mL	MP86315
CRI	CRI	30mL	MP86316
CHK STD	CHK STD	30mL	MP86317

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/8/25 @ 10:40	MB - DIG	MB - Mercury Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168766

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168766BL	PBW766	30	30	<2	N/A	3-15
PB168766BS	LCS766	30	30	<2	MP86305	16
Q2503-01	GCAP2W	30	30	<2	N/A	17
Q2509-01	AUD-25-0110-0111	30	30	<2	N/A	18
Q2509-01DUP	AUD-25-0110-0111DUP	30	30	<2	N/A	19
Q2509-01MS	AUD-25-0110-0111MS	30	30	<2	MP86305	20
Q2509-01MSD	AUD-25-0110-0111MSD	30	30	<2	MP86305	21

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2503
COC Number 2047511

8
8.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: CAPRA
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other
X EDD FORMAT hazsite NJDEP SRP excel pdf

ANALYSIS

1: TCL VOA's
2: TCL VOA's
3: GW TAL metals
4: TAL metals
5:
6: EPH Cat 2
7:
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
								HCl	Refrig	Ice						
1.	GCAP2	Soil		X	7/2/25	1602	4	X					X			
2.	GCAP3	Soil				1645	4	X					X			
3.	GCAP2W	GW				1800	3	*	X	X						
4.	GCAP3W	GW		X	7/2/25	1830	2	*	X							
5.	GCAP2A	Soil		X	7/2/25	1730	1				X					
6.																
7.																
8.																
9.																
10.																

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/3/25 1055	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2503 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 7/3/2025 11:38:00 AM
Project Name : ~~Lexington~~ Capra
Receive DateTime : 7/3/2025 10:55:00 AM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ Reduced
EDD Type : Excel NJ Regular
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2503-01	GCAP2W	Water	07/02/2025	18:00	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2503-02	GCAP3W	Water	07/02/2025	18:30	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2503-03	GCAP2	Solid	07/02/2025	16:02	VOC-TCLVOA-10 ~~VOC-PP~~	VOC-PP VOA + 15	8260D ~~8260C~~		10 Bus. Days
Q2503-04	GCAP3	Solid	07/02/2025	16:45	VOC-TCLVOA-10 ~~VOC-PP~~	VOC-PP VOA + 15	8260D ~~8260C~~		10 Bus. Days

DP 07/15/2025

Relinguished By :
Date / Time : 7/3/25 1152

Received By : Sam
Date / Time : 07/03/25 11:52
Storage Area : VOA Refridgerator Room

Rg #6
Rg 2
Rg #5