284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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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LAB CHRONICLE

OrderID:	Q3619	**OrderDate:**	11/12/2025 2:37:47 PM
Client:	Ambric Technology Corporation	**Project:**	6506 Haverford Road
Contact:	Gary Meisel	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3619-03	**GP-B1(8-12)**	**SOIL**			**11/12/25**			**11/12/25**
			VOCMS Group10	8260D			11/19/25	
Q3619-04	**GP-B1(12-16)**	**SOIL**			**11/12/25**			**11/12/25**
			VOCMS Group10	8260D			11/19/25	
Q3619-09	**GP-B2(12-16)**	**SOIL**			**11/12/25**			**11/12/25**
			VOCMS Group10	8260D			11/19/25	
Q3619-14	**GP-B3(13.2)**	**SOIL**			**11/12/25**			**11/12/25**
			VOCMS Group10	8260D			11/19/25	
Q3619-17	**GP-B4(8-12)**	**SOIL**			**11/12/25**			**11/12/25**
			VOCMS Group10	8260D			11/19/25	
Q3619-18	**GP-B4(13.2)**	**SOIL**			**11/12/25**			**11/12/25**
			VOCMS Group10	8260D			11/19/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3619

Client: Ambric Technology Corporation

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3619

Client: Ambric Technology Corporation

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3619-03	GP-B1(8-12)	1,2-Dichloroethane-d4	50	57.7	115		63	155
		Dibromofluoromethane	50	49.0	98		70	134
		Toluene-d8	50	44.0	88		74	123
		4-Bromofluorobenzene	50	56.8	114		52	138
Q3619-04	GP-B1(12-16)	1,2-Dichloroethane-d4	50	58.8	118		63	155
		Dibromofluoromethane	50	50.8	102		70	134
		Toluene-d8	50	45.9	92		74	123
		4-Bromofluorobenzene	50	59.5	119		52	138
Q3619-09	GP-B2(12-16)	1,2-Dichloroethane-d4	50	61.8	123		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	45.1	90		74	123
		4-Bromofluorobenzene	50	58.7	117		52	138
Q3619-14	GP-B3(13.2)	1,2-Dichloroethane-d4	50	63.2	126		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	45.3	91		74	123
		4-Bromofluorobenzene	50	59.2	118		52	138
Q3619-17	GP-B4(8-12)	1,2-Dichloroethane-d4	50	60.6	121		63	155
		Dibromofluoromethane	50	52.1	104		70	134
		Toluene-d8	50	45.6	91		74	123
		4-Bromofluorobenzene	50	61.8	124		52	138
Q3619-18	GP-B4(13.2)	1,2-Dichloroethane-d4	50	62.0	124		63	155
		Dibromofluoromethane	50	50.0	100		70	134
		Toluene-d8	50	45.3	91		74	123
		4-Bromofluorobenzene	50	55.0	110		52	138
VW1119SBL01	VW1119SBL01	1,2-Dichloroethane-d4	50	60.5	121		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	45.5	91		74	123
		4-Bromofluorobenzene	50	54.5	109		52	138
VW1119SBS01	VW1119SBS01	1,2-Dichloroethane-d4	50	52.2	104		63	155
		Dibromofluoromethane	50	51.8	104		70	134
		Toluene-d8	50	52.1	104		74	123
		4-Bromofluorobenzene	50	50.7	101		52	138
VW1119SBSD0	VW1119SBSD01	1,2-Dichloroethane-d4	50	52.5	105		63	155
		Dibromofluoromethane	50	48.7	97		70	134
		Toluene-d8	50	49.1	98		74	123
		4-Bromofluorobenzene	50	48.5	97		52	138

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3619 **Analytical Method:** SW8260D

Client: Ambric Technology Corporation **Datafile :** VW032492.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1119SBS01	Methyl tert-butyl Ether	20	19.5	ug/Kg	98			77	129	
	Benzene	20	21.4	ug/Kg	107			84	121	
	Toluene	20	21.8	ug/Kg	109			83	122	
	1,2-Dibromoethane	20	20.5	ug/Kg	103			80	125	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.8	ug/Kg	104			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Isopropylbenzene	20	19.2	ug/Kg	96			82	124	
	1,3,5-Trimethylbenzene	20	20.3	ug/Kg	102			82	124	
	1,2,4-Trimethylbenzene	20	20.0	ug/Kg	100			81	125	
	Naphthalene	20	17.0	ug/Kg	85			70	134	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3619 **Analytical Method:** SW8260D

Client: Ambric Technology Corporation **Datafile :** VW032493.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1119SBSD01	Methyl tert-butyl Ether	20	20.4	ug/Kg	102	4		77	129	20
	Benzene	20	20.7	ug/Kg	104	3		84	121	15
	Toluene	20	20.6	ug/Kg	103	6		83	122	15
	1,2-Dibromoethane	20	20.2	ug/Kg	101	2		80	125	16
	Ethyl Benzene	20	20.4	ug/Kg	102	2		82	124	15
	m/p-Xylenes	40	41.1	ug/Kg	103	1		83	124	15
	o-Xylene	20	20.1	ug/Kg	101	1		83	123	15
	Isopropylbenzene	20	18.3	ug/Kg	92	4		82	124	15
	1,3,5-Trimethylbenzene	20	19.0	ug/Kg	95	7		82	124	20
	1,2,4-Trimethylbenzene	20	19.4	ug/Kg	97	3		81	125	20
	Naphthalene	20	17.9	ug/Kg	90	6		70	134	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW1119SBL01

Lab Name: Alliance | Contract: AMBR01

Lab Code: ACE | SDG NO.: Q3619

Lab File ID: VW032491.D | Lab Sample ID: VW1119SBL01

Date Analyzed: 11/19/2025 | Time Analyzed: 10:36

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
VW1119SBS01	VW1119SBS01	VW032492.D	11/19/2025
VW1119SBSD01	VW1119SBSD01	VW032493.D	11/19/2025
GP-B4(8-12)	Q3619-17	VW032494.D	11/19/2025
GP-B1(8-12)	Q3619-03	VW032503.D	11/19/2025
GP-B1(12-16)	Q3619-04	VW032504.D	11/19/2025
GP-B2(12-16)	Q3619-09	VW032505.D	11/19/2025
GP-B3(13.2)	Q3619-14	VW032506.D	11/19/2025
GP-B4(13.2)	Q3619-18	VW032507.D	11/19/2025

COMMENTS:

Raw Data: **VW032405.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AMBR01
Lab Code: ACE
SDG NO.: Q3619
Lab File ID: VW032405.D
BFB Injection Date: 11/10/2025
Instrument ID: MSVOA_W
BFB Injection Time: 14:20
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	18.7
75	30.0 - 60.0% of mass 95	49.7
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	67.1
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	66.1 (98.5) 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	VW032406.D	11/10/2025	15:11
VSTDICC010	VSTDICC010	VW032407.D	11/10/2025	15:33
VSTDICC020	VSTDICC020	VW032408.D	11/10/2025	15:55
VSTDICCC050	VSTDICCC050	VW032409.D	11/10/2025	16:17
VSTDICC100	VSTDICC100	VW032410.D	11/10/2025	16:39
VSTDICC150	VSTDICC150	VW032411.D	11/10/2025	17:00

Raw Data: **VW032489.D**

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: AMBR01

Lab Code: ACE | SDG NO.: Q3619

Lab File ID: VW032489.D | BFB Injection Date: 11/19/2025

Instrument ID: MSVOA_W | BFB Injection Time: 09:32

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	18.9
75	30.0 - 60.0% of mass 95	50.7
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	67.8
175	5.0 - 9.0% of mass 174	5.4 (8) 1
176	95.0 - 101.0% of mass 174	66.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.1 (6.2) 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	VW032490.D	11/19/2025	10:01
VW1119SBL01	VW1119SBL01	VW032491.D	11/19/2025	10:36
VW1119SBS01	VW1119SBS01	VW032492.D	11/19/2025	11:11
VW1119SBSD01	VW1119SBSD01	VW032493.D	11/19/2025	11:33
GP-B4(8-12)	Q3619-17	VW032494.D	11/19/2025	12:08
GP-B1(8-12)	Q3619-03	VW032503.D	11/19/2025	15:26
GP-B1(12-16)	Q3619-04	VW032504.D	11/19/2025	15:49
GP-B2(12-16)	Q3619-09	VW032505.D	11/19/2025	16:10
GP-B3(13.2)	Q3619-14	VW032506.D	11/19/2025	16:32
GP-B4(13.2)	Q3619-18	VW032507.D	11/19/2025	16:53

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AMBR01

Lab Code: ACE SDG NO.: Q3619

Lab File ID: VW032490.D Date Analyzed: 11/19/2025

Instrument ID: MSVOA_W Time Analyzed: 10:01

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	346973	7.96	636403	8.85	579827	11.63
UPPER LIMIT	693946	8.459	1272810	9.349	1159650	12.129
LOWER LIMIT	173487	7.459	318202	8.349	289914	11.129
EPA SAMPLE NO.						
GP-B1(8-12)	207862	7.96	484285	8.85	495149	11.63
GP-B1(12-16)	206745	7.97	482828	8.85	532790	11.63
GP-B2(12-16)	203379	7.97	479940	8.85	511989	11.63
GP-B3(13.2)	193618	7.96	458673	8.85	498464	11.64
GP-B4(8-12)	209757	7.96	491644	8.85	534544	11.63
GP-B4(13.2)	196857	7.97	473106	8.86	523826	11.63
VW1119SBL01	218109	7.96	508852	8.85	541801	11.63
VW1119SBS01	361405	7.96	660085	8.85	590674	11.63
VW1119SBSD01	359816	7.96	689209	8.85	607735	11.63

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: AMBR01

Lab Code: ACE SDG NO.: Q3619

Lab File ID: VW032490.D Date Analyzed: 11/19/2025

Instrument ID: MSVOA_W Time Analyzed: 10:01

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

	IS4 AREA #	RT #				
12 HOUR STD	269243	13.55				
UPPER LIMIT	538486	14.05				
LOWER LIMIT	134622	13.05				
EPA SAMPLE NO.						
GP-B1(8-12)	228506	13.56				
GP-B1(12-16)	284493	13.56				
GP-B2(12-16)	278002	13.56				
GP-B3(13.2)	274081	13.56				
GP-B4(8-12)	291639	13.56				
GP-B4(13.2)	252059	13.56				
VW1119SBL01	260882	13.56				
VW1119SBS01	285477	13.56				
VW1119SBSD01	308754	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.

SAMPLE DATA

Raw Data: **VW032503.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	11/12/25
Project:	6506 Haverford Road	Date Received:	11/12/25
Client Sample ID:	GP-B1(8-12)	SDG No.:	Q3619
Lab Sample ID:	Q3619-03	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	84.9
Sample Wt/Vol:	5.65 g Final Vol: 5000 uL	Test:	VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	0.76	U	1	0.76	5.20	ug/Kg	11/19/25 15:26	VW111925
71-43-2	Benzene	0.82	U	1	0.82	5.20	ug/Kg	11/19/25 15:26	VW111925
108-88-3	Toluene	0.81	U	1	0.81	5.20	ug/Kg	11/19/25 15:26	VW111925
106-93-4	1,2-Dibromoethane	0.92	U	1	0.92	5.20	ug/Kg	11/19/25 15:26	VW111925
100-41-4	Ethyl Benzene	0.70	U	1	0.70	5.20	ug/Kg	11/19/25 15:26	VW111925
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.4	ug/Kg	11/19/25 15:26	VW111925
1330-20-7	Total Xylenes	2.15	U	1	2.15	15.6	ug/Kg	11/19/25 15:26	VW111925
95-47-6	o-Xylene	0.85	U	1	0.85	5.20	ug/Kg	11/19/25 15:26	VW111925
98-82-8	Isopropylbenzene	0.81	U	1	0.81	5.20	ug/Kg	11/19/25 15:26	VW111925
108-67-8	1,3,5-Trimethylbenzene	0.85	U	1	0.85	5.20	ug/Kg	11/19/25 15:26	VW111925
95-63-6	1,2,4-Trimethylbenzene	0.67	U	1	0.67	5.20	ug/Kg	11/19/25 15:26	VW111925
91-20-3	Naphthalene	2.70	U	1	2.70	5.20	ug/Kg	11/19/25 15:26	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.7			63 - 155	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.0			70 - 134	98%	SPK: 50		
2037-26-5	Toluene-d8	44.0			74 - 123	88%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.8			52 - 138	114%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	208000							
540-36-3	1,4-Difluorobenzene	484000							
3114-55-4	Chlorobenzene-d5	495000							
3855-82-1	1,4-Dichlorobenzene-d4	229000							

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

Sample Results: **VW032503.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032503.D
Acq On : 19 Nov 2025 15:26
Operator : SY/MD
Sample : Q3619-03
Misc : 5.65g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Quant Time: Nov 20 01:19:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

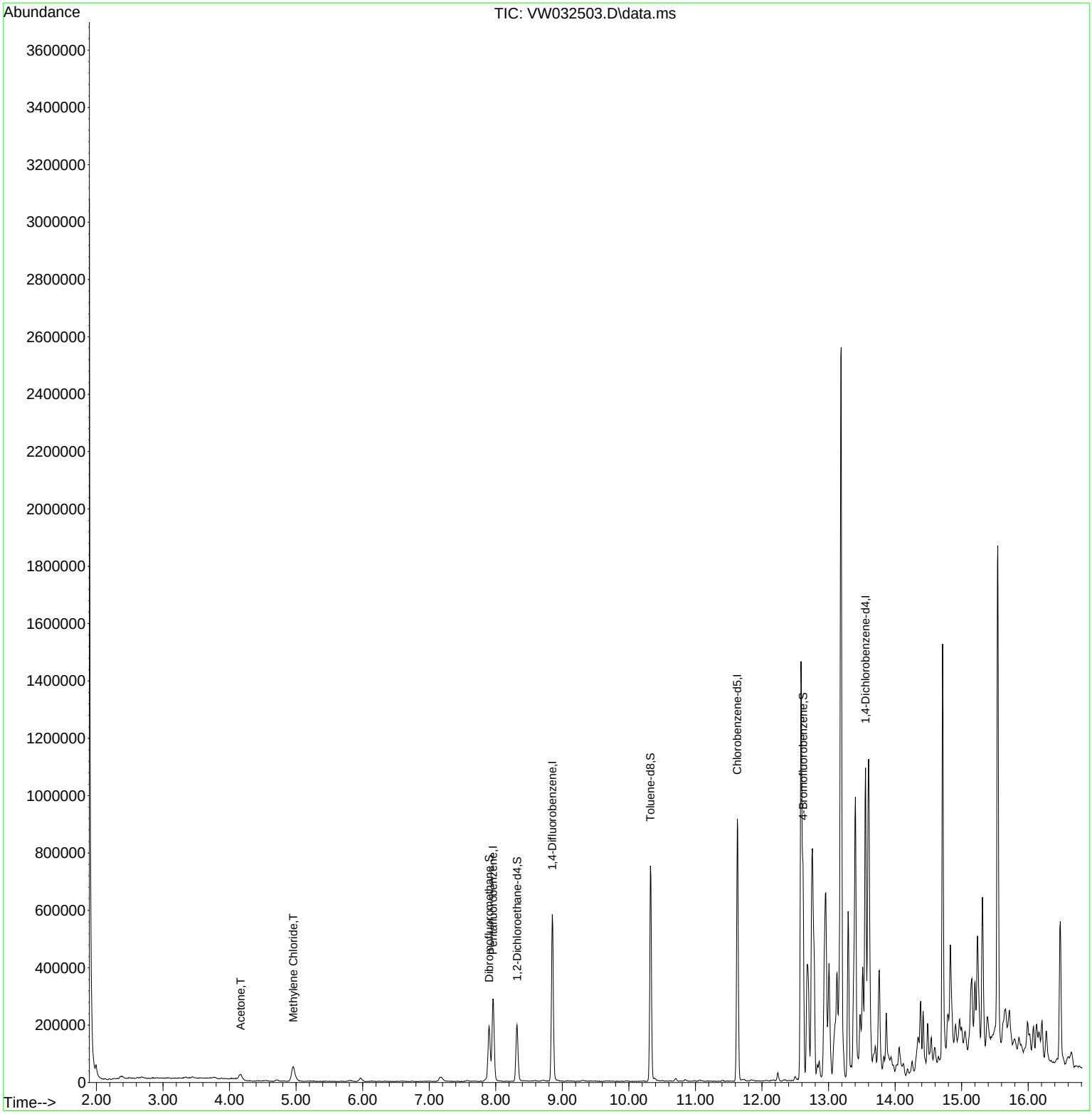
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	207862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	484285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	495149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	228506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	154596	57.689	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 115.380%			
35) Dibromofluoromethane	7.898	113	141993	48.971	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 97.940%			
50) Toluene-d8	10.325	98	488966	43.958	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 87.920%			
62) 4-Bromofluorobenzene	12.617	95	238533	56.766	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 113.540%			
Target Compounds						Qvalue
16) Acetone	4.167	43	29376	36.640	ug/l	99
20) Methylene Chloride	4.960	84	46122	16.086	ug/l	89

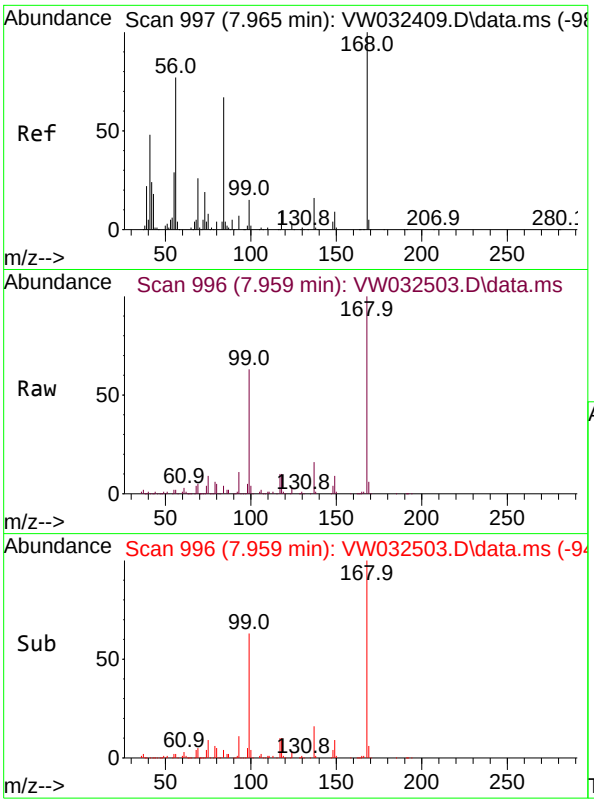
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032503.D
Acq On : 19 Nov 2025 15:26
Operator : SY/MD
Sample : Q3619-03
Misc : 5.65g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Quant Time: Nov 20 01:19:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



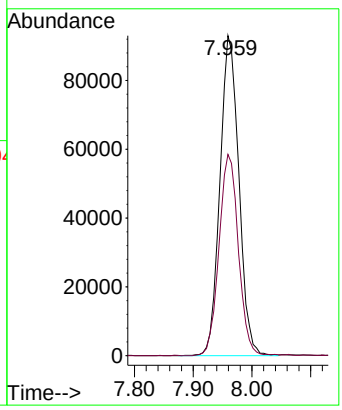


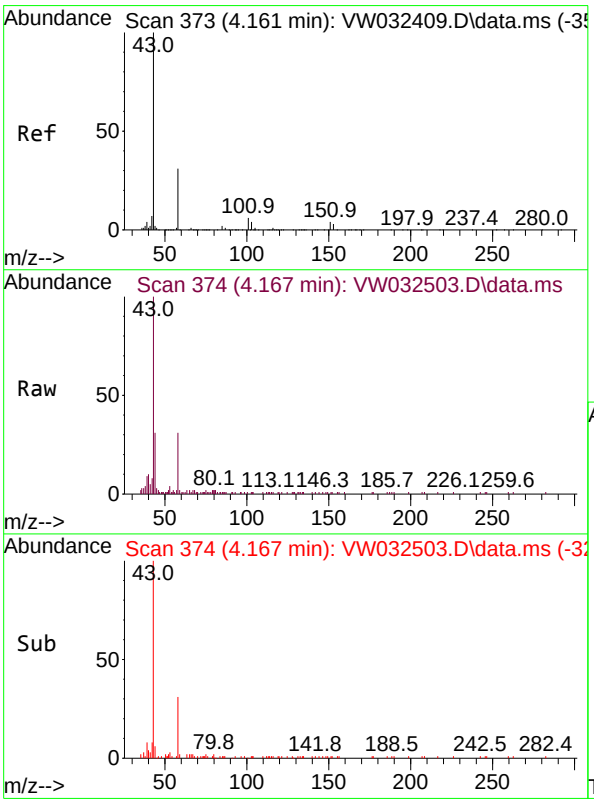
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Tgt Ion:168 Resp: 207862

Ion	Ratio	Lower	Upper
168	100		
99	62.8	45.4	68.2

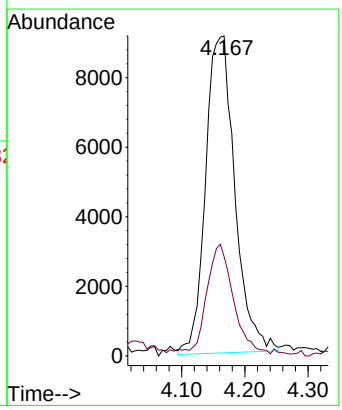


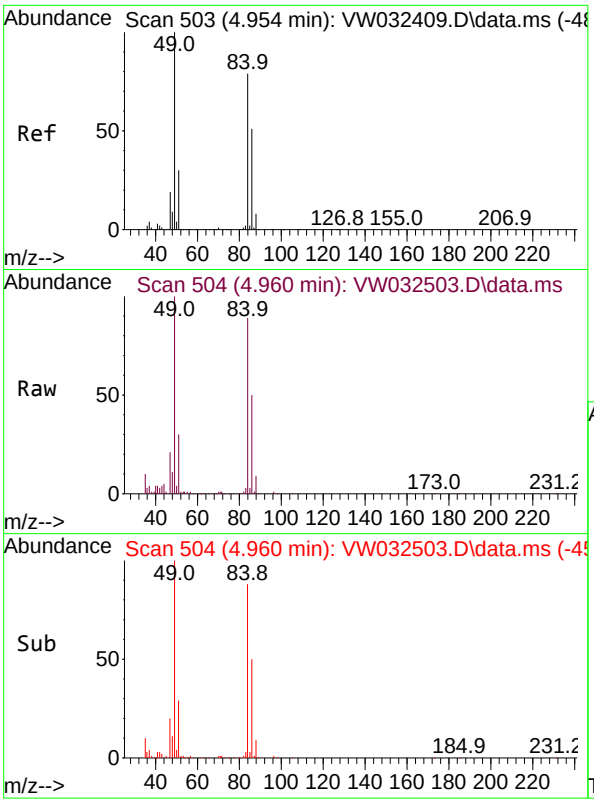


#16
Acetone
Concen: 36.640 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion: 43 Resp: 29376

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2



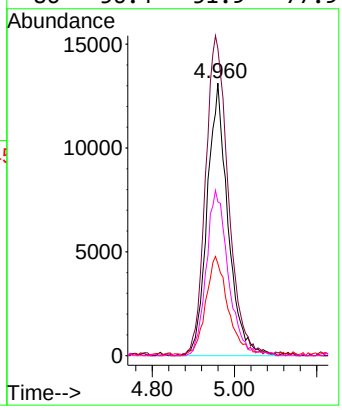


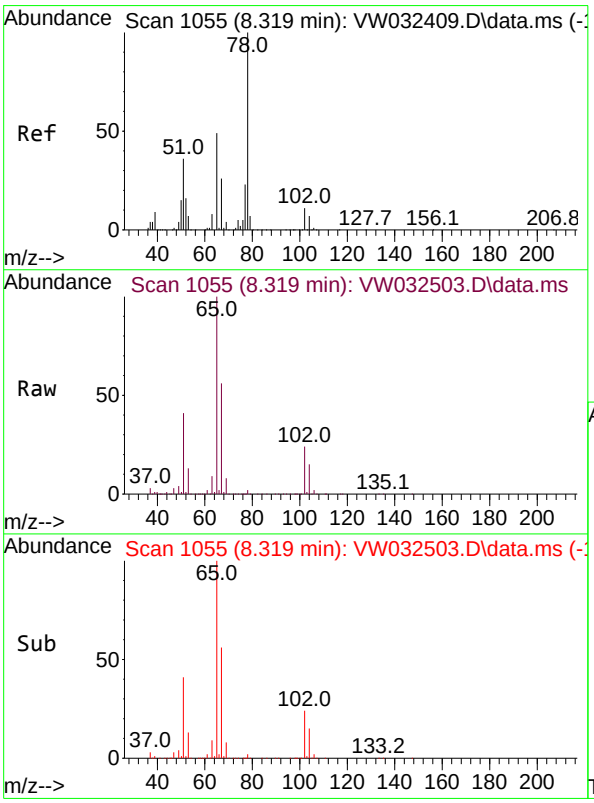
#20
Methylene Chloride
Concen: 16.086 ug/l
RT: 4.960 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Tgt Ion: 84 Resp: 46122

Ion	Ratio	Lower	Upper
84	100		
49	112.2	101.5	152.3
51	33.8	30.6	46.0
86	56.4	51.9	77.9

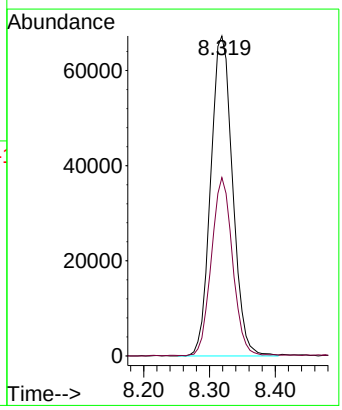


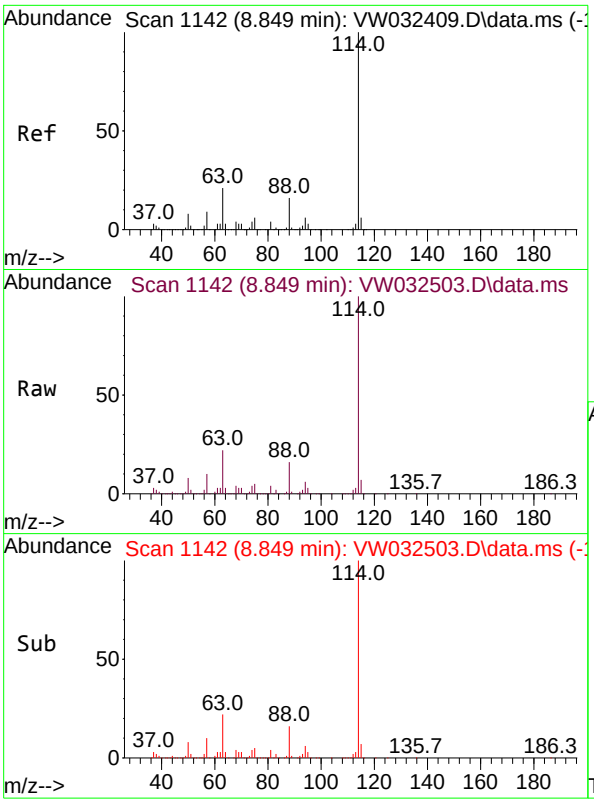


#33
1,2-Dichloroethane-d4
Concen: 57.689 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion: 65 Resp: 154596

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8



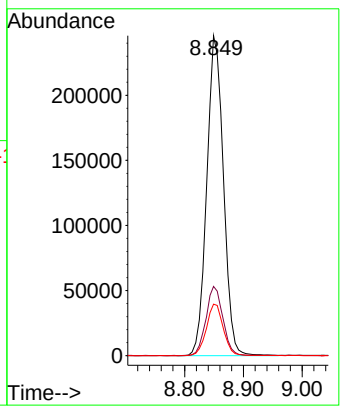


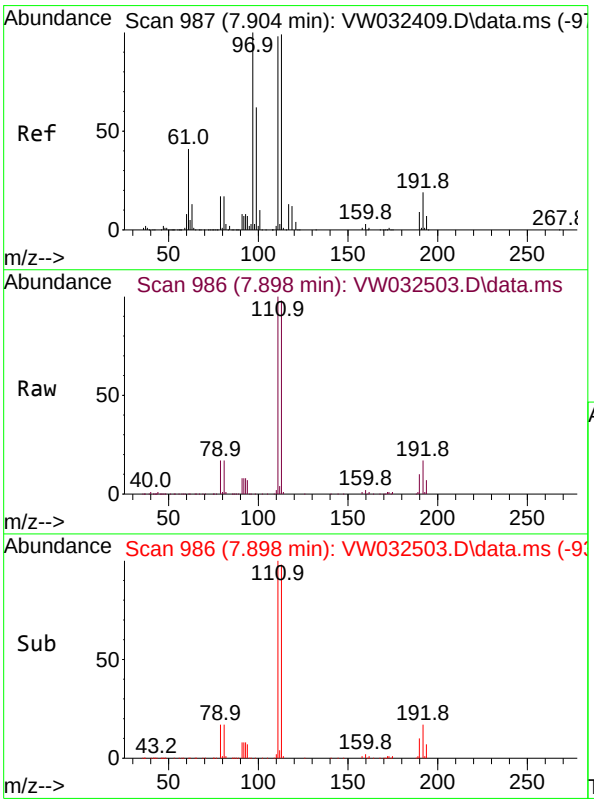
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Tgt Ion:114 Resp: 484285

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	16.1	0.0	32.6

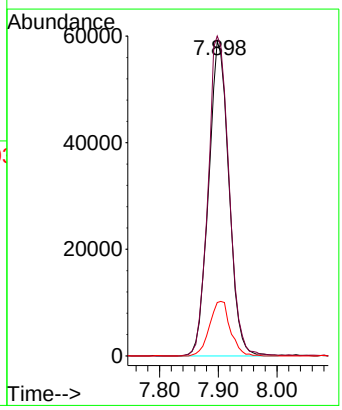


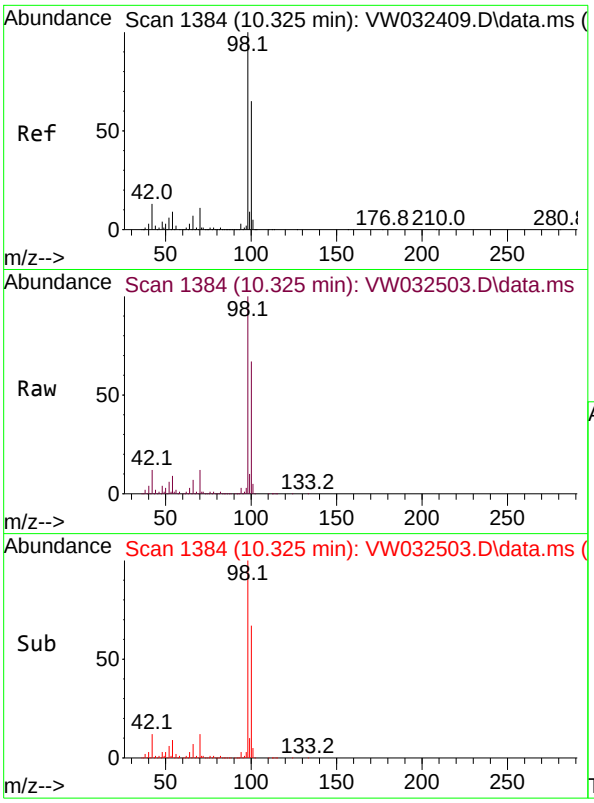


#35
Dibromofluoromethane
Concen: 48.971 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion:113 Resp: 141993

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.1	124.7
192	17.6	13.4	20.2



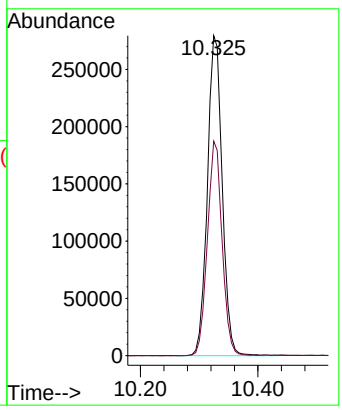


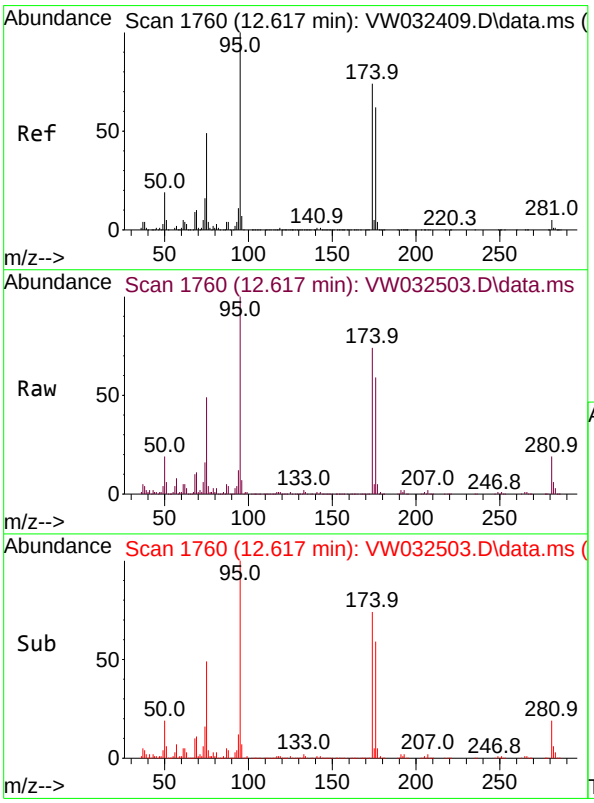
#50
Toluene-d8
Concen: 43.958 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Tgt Ion: 98 Resp: 488966

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

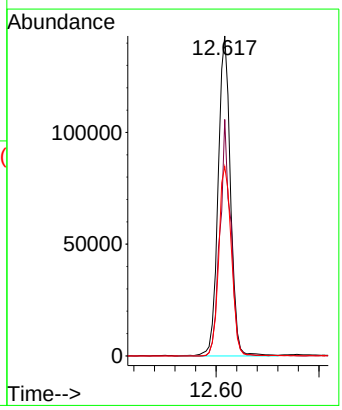


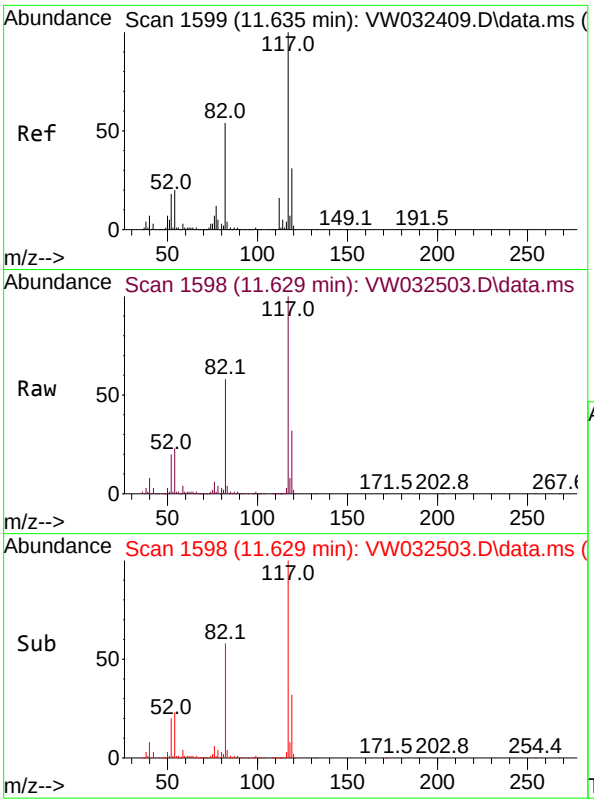


#62
4-Bromofluorobenzene
Concen: 56.766 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion: 95 Resp: 238533

Ion	Ratio	Lower	Upper
95	100		
174	64.2	0.0	135.4
176	60.4	0.0	131.8



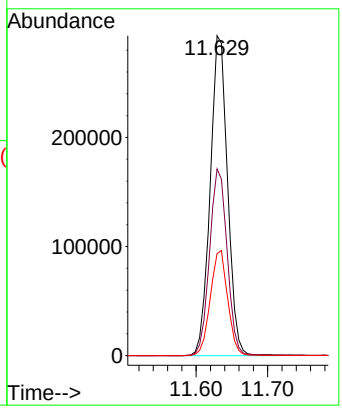


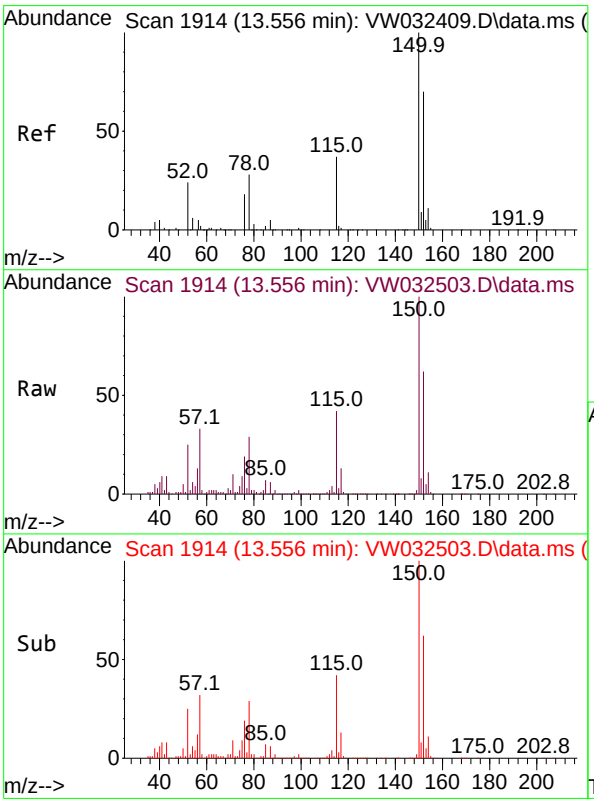
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(8-12)

Tgt Ion:117 Resp: 495149

Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.0	64.4
119	31.9	25.0	37.6

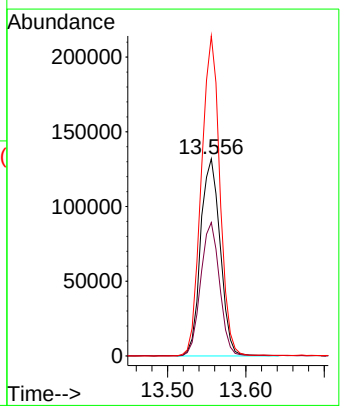




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032503.D
Acq: 19 Nov 2025 15:26

Tgt Ion:152 Resp: 228506

Ion	Ratio	Lower	Upper
152	100		
115	65.5	32.8	98.3
150	154.0	0.0	356.6



Raw Data: **VW032504.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	11/12/25
Project:	6506 Haverford Road	Date Received:	11/12/25
Client Sample ID:	GP-B1(12-16)	SDG No.:	Q3619
Lab Sample ID:	Q3619-04	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	71.9
Sample Wt/Vol:	6.23 g Final Vol: 5000 uL	Test:	VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	0.81	U	1	0.81	5.60	ug/Kg	11/19/25 15:49	VW111925
71-43-2	Benzene	0.88	U	1	0.88	5.60	ug/Kg	11/19/25 15:49	VW111925
108-88-3	Toluene	0.87	U	1	0.87	5.60	ug/Kg	11/19/25 15:49	VW111925
106-93-4	1,2-Dibromoethane	0.98	U	1	0.98	5.60	ug/Kg	11/19/25 15:49	VW111925
100-41-4	Ethyl Benzene	0.75	U	1	0.75	5.60	ug/Kg	11/19/25 15:49	VW111925
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.2	ug/Kg	11/19/25 15:49	VW111925
1330-20-7	Total Xylenes	2.32	U	1	2.32	16.8	ug/Kg	11/19/25 15:49	VW111925
95-47-6	o-Xylene	0.92	U	1	0.92	5.60	ug/Kg	11/19/25 15:49	VW111925
98-82-8	Isopropylbenzene	0.87	U	1	0.87	5.60	ug/Kg	11/19/25 15:49	VW111925
108-67-8	1,3,5-Trimethylbenzene	0.92	U	1	0.92	5.60	ug/Kg	11/19/25 15:49	VW111925
95-63-6	1,2,4-Trimethylbenzene	0.71	U	1	0.71	5.60	ug/Kg	11/19/25 15:49	VW111925
91-20-3	Naphthalene	2.90	U	1	2.90	5.60	ug/Kg	11/19/25 15:49	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.8			63 - 155	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.8			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	45.9			74 - 123	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.5			52 - 138	119%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	207000							
540-36-3	1,4-Difluorobenzene	483000							
3114-55-4	Chlorobenzene-d5	533000							
3855-82-1	1,4-Dichlorobenzene-d4	284000							

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

Sample Results: **VW032504.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032504.D
Acq On : 19 Nov 2025 15:49
Operator : SY/MD
Sample : Q3619-04
Misc : 6.23g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(12-16)

Quant Time: Nov 20 01:20:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	206745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	482828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	532790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	284493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	156683	58.783	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.560%			
35) Dibromofluoromethane	7.898	113	146919	50.823	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 101.640%			
50) Toluene-d8	10.325	98	509005	45.897	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 91.800%			
62) 4-Bromofluorobenzene	12.617	95	249326	59.514	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 119.020%			

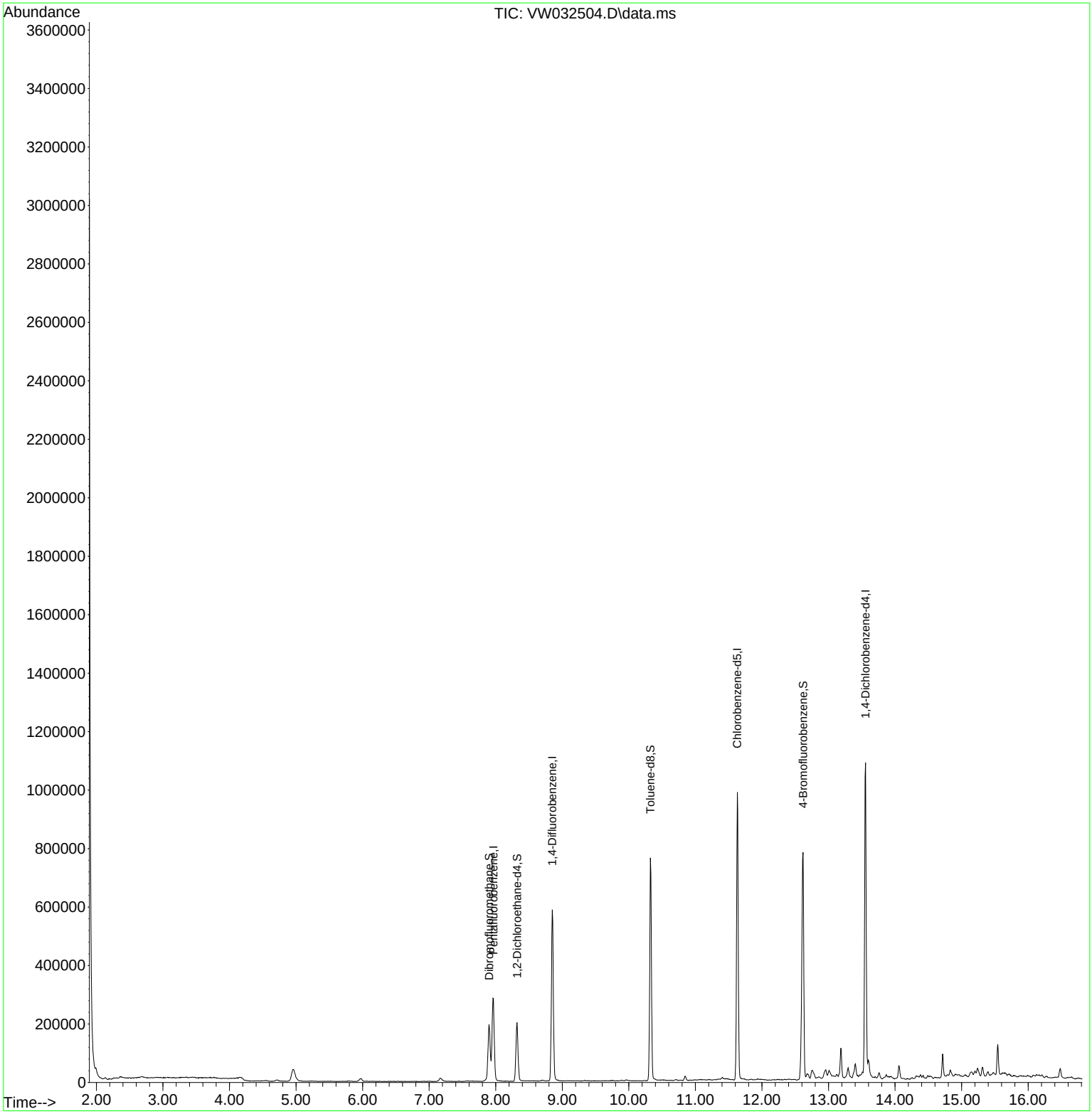
Target Compounds Qvalue

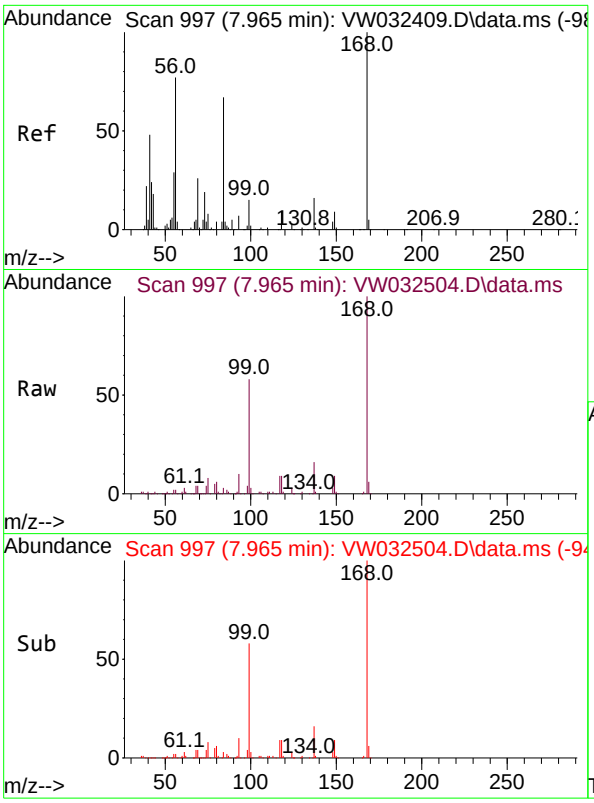
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032504.D
Acq On : 19 Nov 2025 15:49
Operator : SY/MD
Sample : Q3619-04
Misc : 6.23g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(12-16)

Quant Time: Nov 20 01:20:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



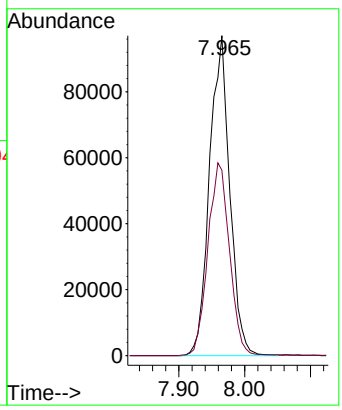


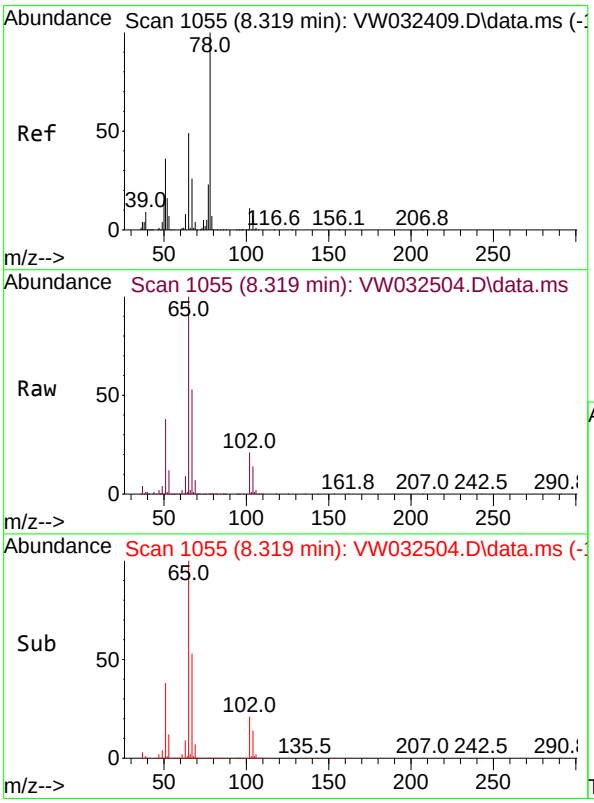
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(12-16)

Tgt Ion:168 Resp: 206745

Ion	Ratio	Lower	Upper
168	100		
99	57.9	45.4	68.2

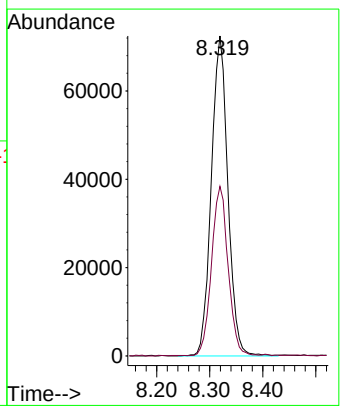


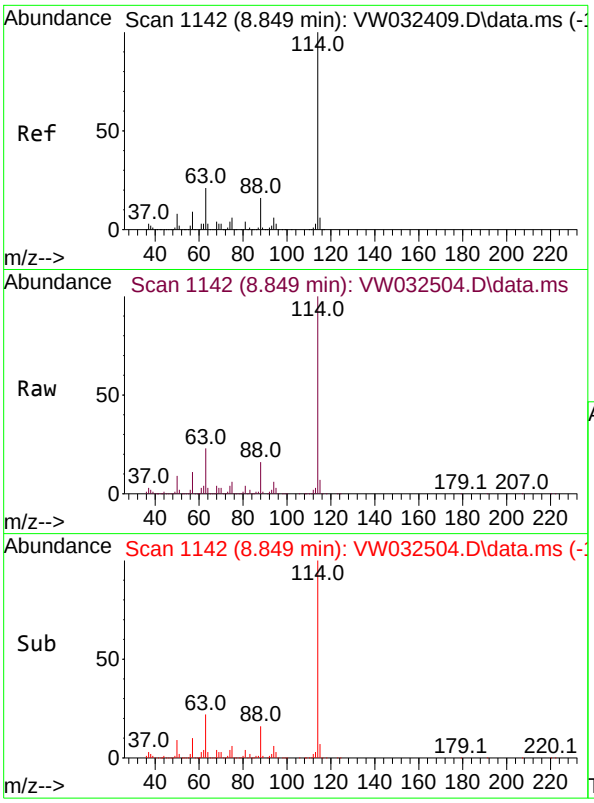


#33
1,2-Dichloroethane-d4
Concen: 58.783 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Tgt Ion: 65 Resp: 156683

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8



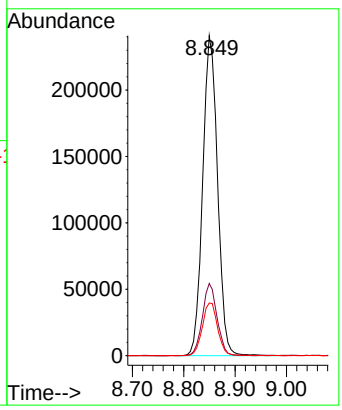


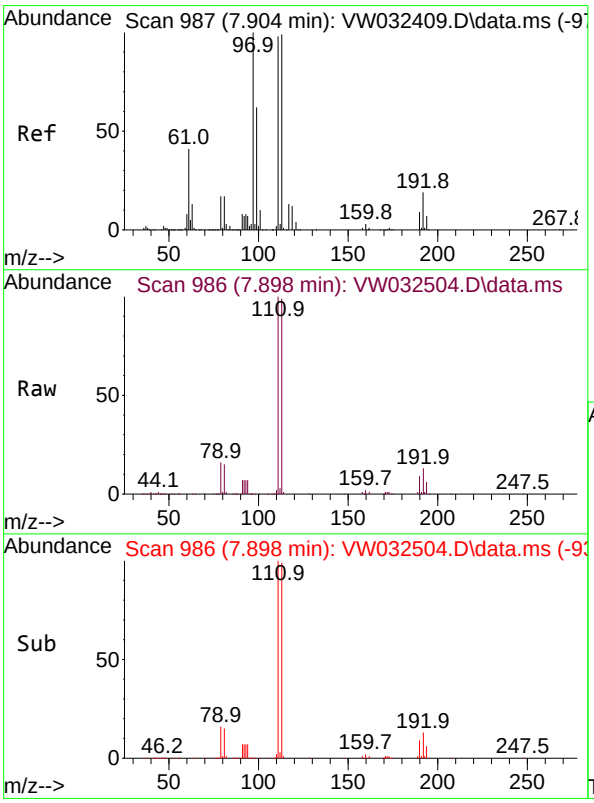
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(12-16)

Tgt Ion:114 Resp: 482828

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	41.8
88	16.4	0.0	32.6

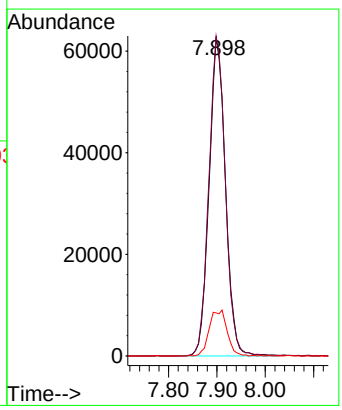


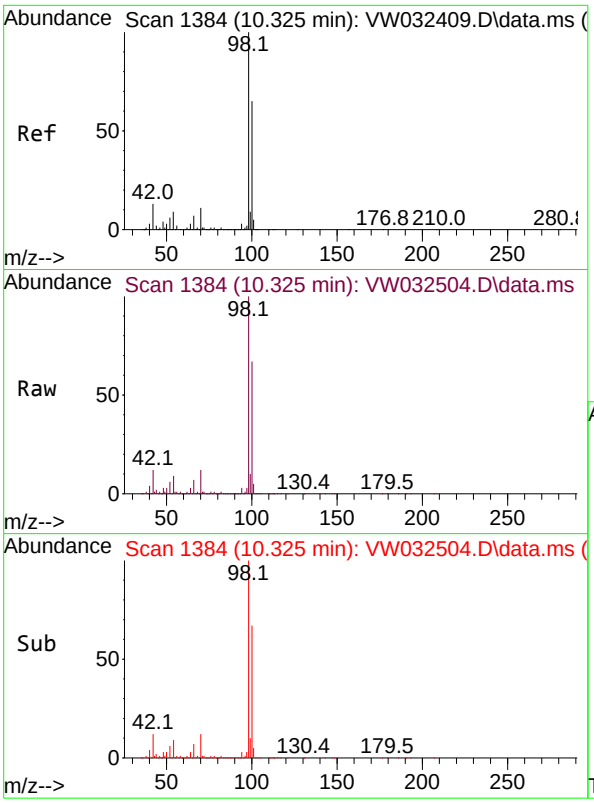


#35
Dibromofluoromethane
Concen: 50.823 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Tgt Ion:113 Resp: 146919

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.1	124.7
192	15.7	13.4	20.2



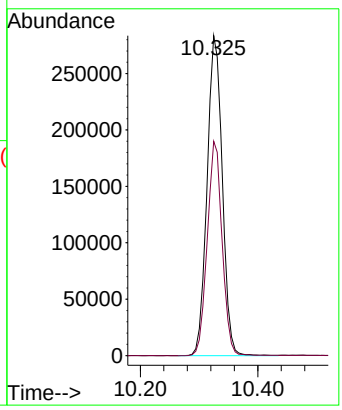


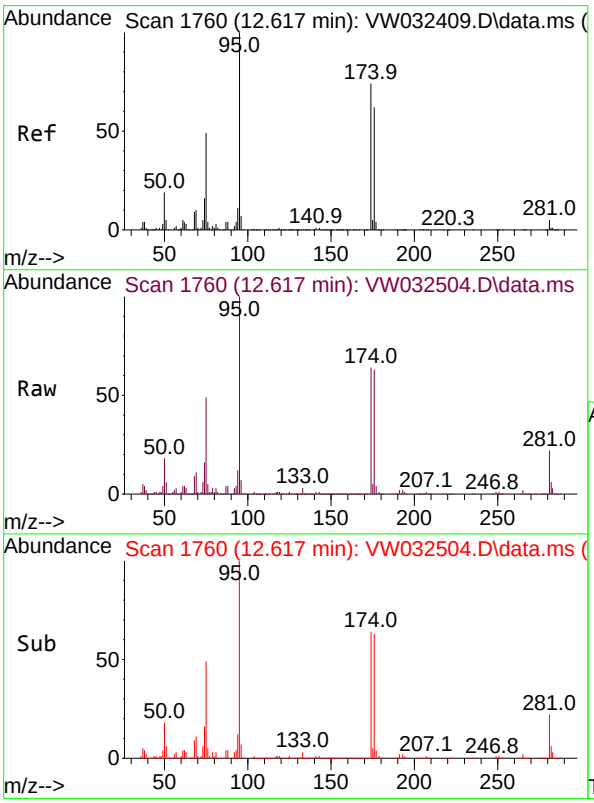
#50
Toluene-d8
Concen: 45.897 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(12-16)

Tgt Ion: 98 Resp: 509005

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.3	79.9

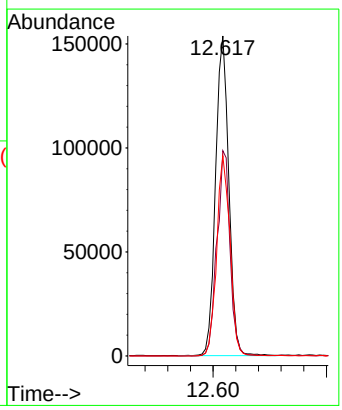


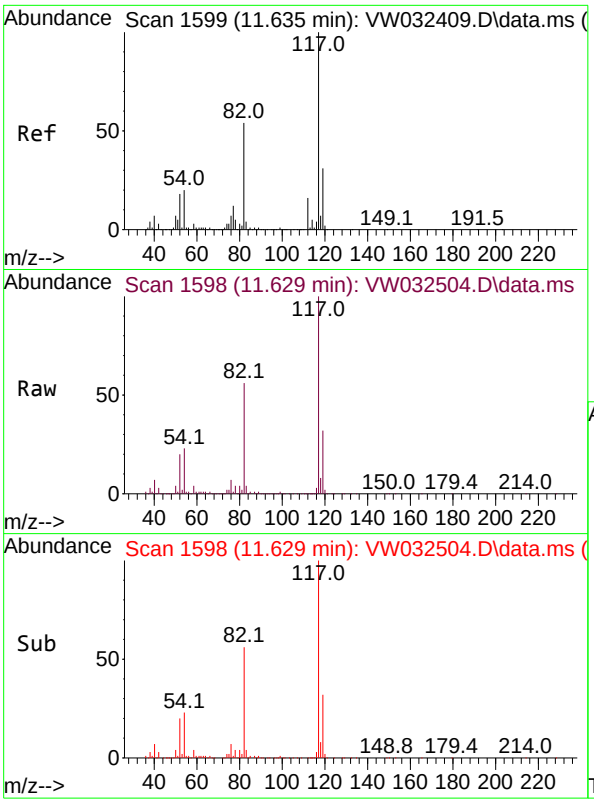


#62
4-Bromofluorobenzene
Concen: 59.514 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Tgt Ion: 95 Resp: 249326

Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	135.4
176	63.1	0.0	131.8



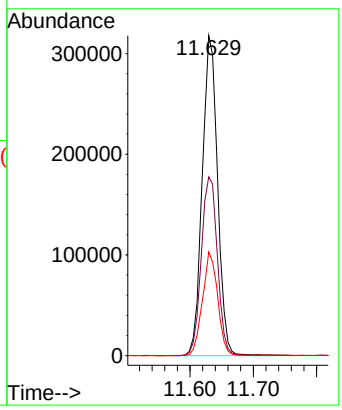


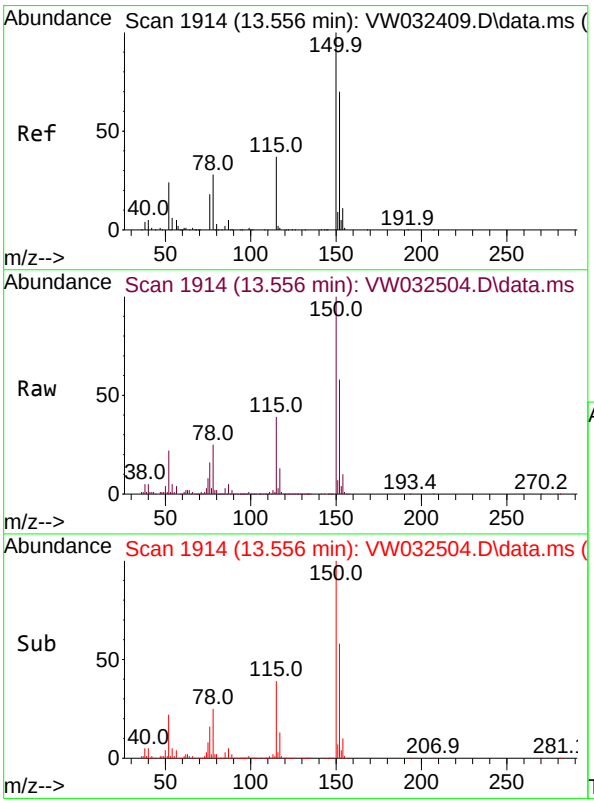
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Instrument :
MSVOA_W
ClientSampleId :
GP-B1(12-16)

Tgt Ion:117 Resp: 532790

Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.0	64.4
119	32.4	25.0	37.6

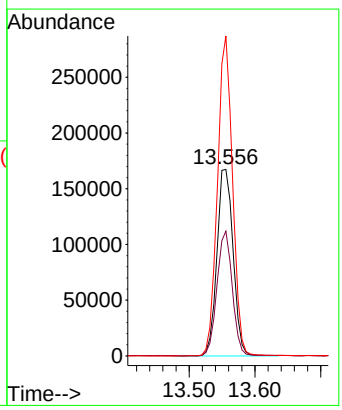




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032504.D
Acq: 19 Nov 2025 15:49

Tgt Ion:152 Resp: 284493

Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.8	98.3
150	160.2	0.0	356.6



Raw Data: **VW032505.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	11/12/25
Project:	6506 Haverford Road	Date Received:	11/12/25
Client Sample ID:	GP-B2(12-16)	SDG No.:	Q3619
Lab Sample ID:	Q3619-09	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	78.5
Sample Wt/Vol:	6.74 g Final Vol: 5000 uL	Test:	VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	0.69	U	1	0.69	4.70	ug/Kg	11/19/25 16:10	VW111925
71-43-2	Benzene	0.75	U	1	0.75	4.70	ug/Kg	11/19/25 16:10	VW111925
108-88-3	Toluene	0.74	U	1	0.74	4.70	ug/Kg	11/19/25 16:10	VW111925
106-93-4	1,2-Dibromoethane	0.83	U	1	0.83	4.70	ug/Kg	11/19/25 16:10	VW111925
100-41-4	Ethyl Benzene	0.63	U	1	0.63	4.70	ug/Kg	11/19/25 16:10	VW111925
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.50	ug/Kg	11/19/25 16:10	VW111925
1330-20-7	Total Xylenes	1.97	U	1	1.97	14.2	ug/Kg	11/19/25 16:10	VW111925
95-47-6	o-Xylene	0.77	U	1	0.77	4.70	ug/Kg	11/19/25 16:10	VW111925
98-82-8	Isopropylbenzene	0.74	U	1	0.74	4.70	ug/Kg	11/19/25 16:10	VW111925
108-67-8	1,3,5-Trimethylbenzene	0.77	U	1	0.77	4.70	ug/Kg	11/19/25 16:10	VW111925
95-63-6	1,2,4-Trimethylbenzene	0.60	U	1	0.60	4.70	ug/Kg	11/19/25 16:10	VW111925
91-20-3	Naphthalene	2.40	U	1	2.40	4.70	ug/Kg	11/19/25 16:10	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.7			63 - 155	123%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.6			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	45.1			74 - 123	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.7			52 - 138	117%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	203000							
540-36-3	1,4-Difluorobenzene	480000							
3114-55-4	Chlorobenzene-d5	512000							
3855-82-1	1,4-Dichlorobenzene-d4	278000							

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032505.D
Acq On : 19 Nov 2025 16:10
Operator : SY/MD
Sample : Q3619-09
Misc : 6.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B2(12-16)

Quant Time: Nov 20 01:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

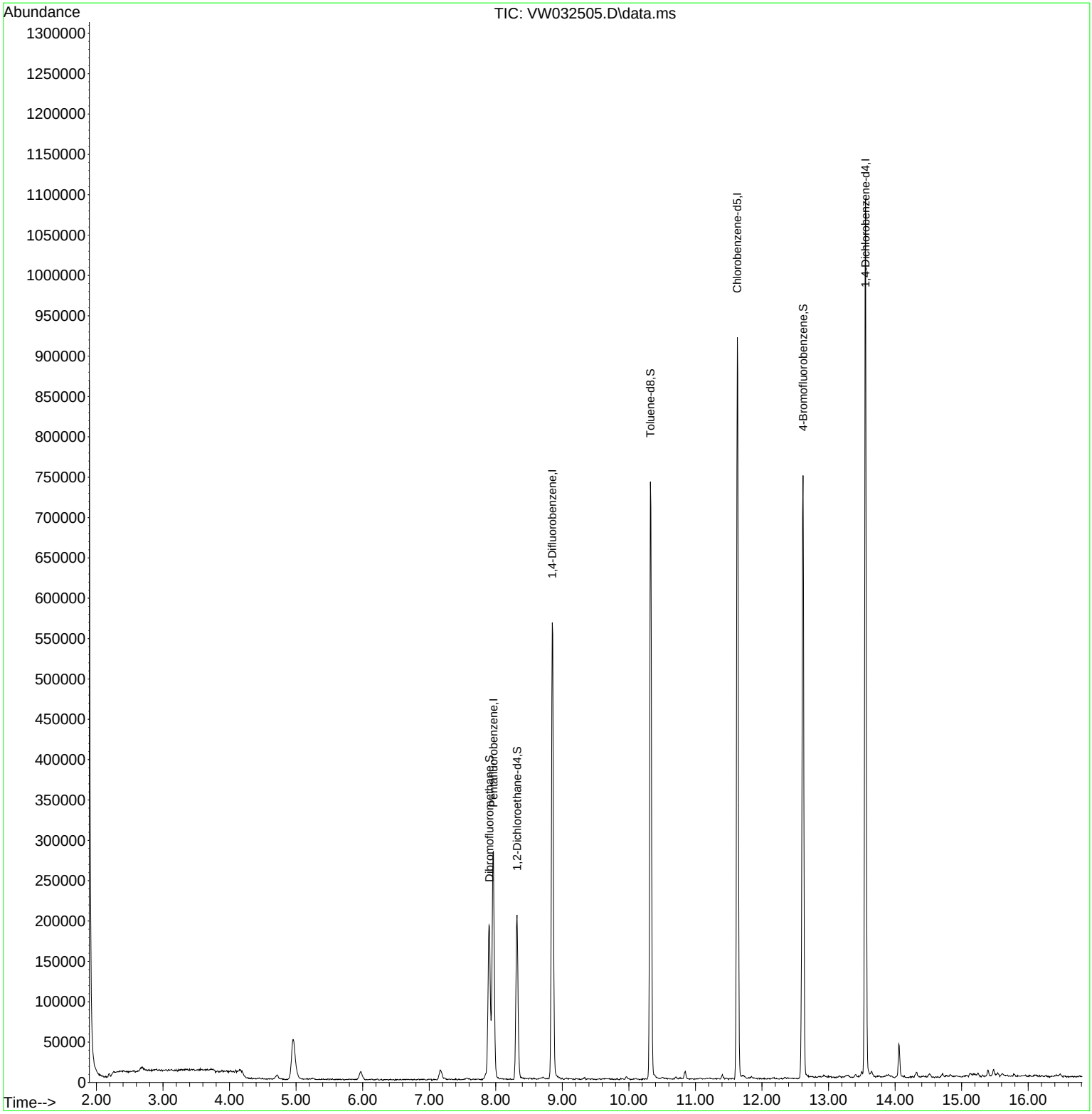
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	203379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	479940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	511989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	278002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161909	61.749	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 123.500%			
35) Dibromofluoromethane	7.904	113	148307	51.612	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.220%			
50) Toluene-d8	10.325	98	497404	45.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 90.240%			
62) 4-Bromofluorobenzene	12.617	95	244583	58.733	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 117.460%			
Target Compounds						Qvalue

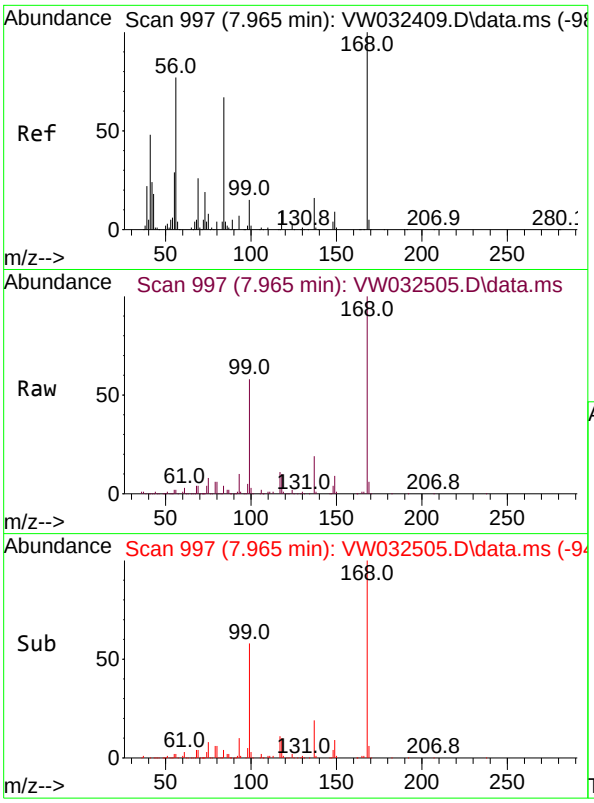
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032505.D
Acq On : 19 Nov 2025 16:10
Operator : SY/MD
Sample : Q3619-09
Misc : 6.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B2(12-16)

Quant Time: Nov 20 01:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



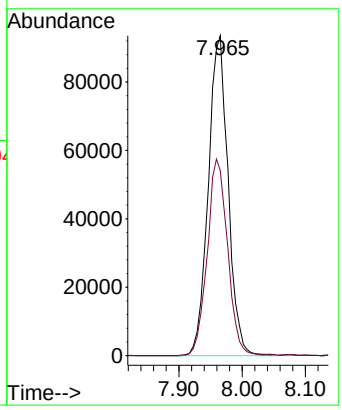


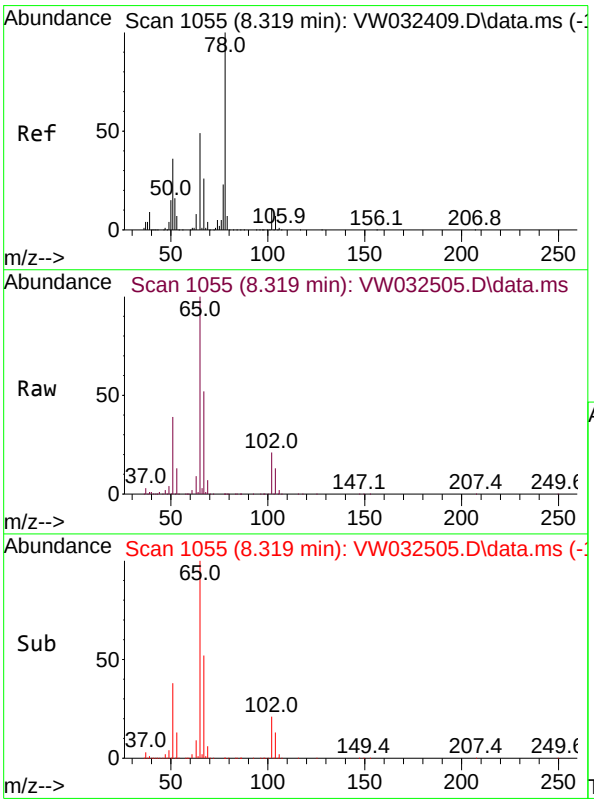
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Instrument :
MSVOA_W
ClientSampleId :
GP-B2(12-16)

Tgt Ion:168 Resp: 203379

Ion	Ratio	Lower	Upper
168	100		
99	57.8	45.4	68.2

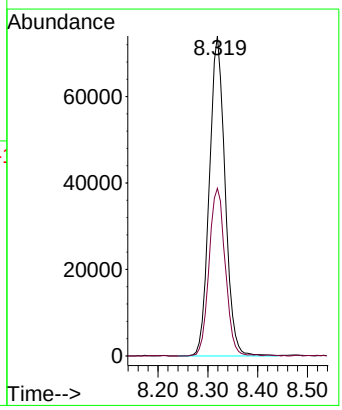


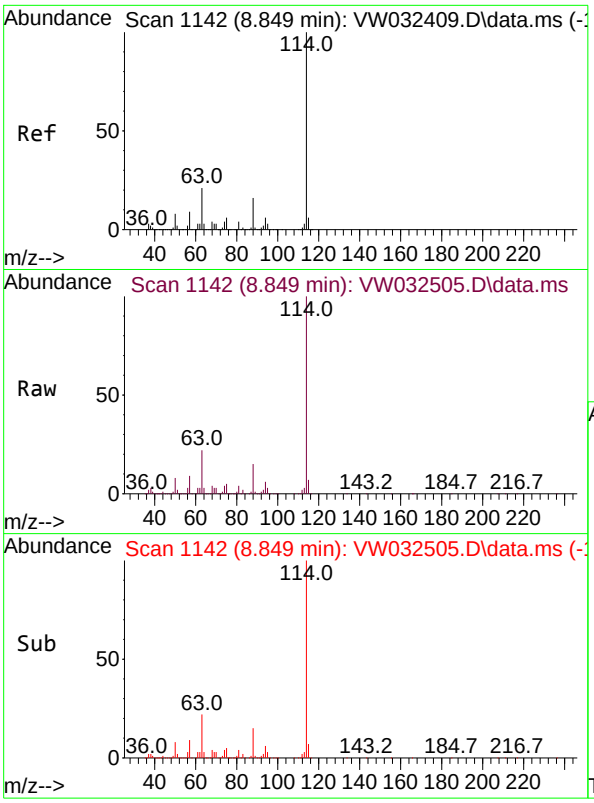


#33
1,2-Dichloroethane-d4
Concen: 61.749 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Tgt Ion: 65 Resp: 161909

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8



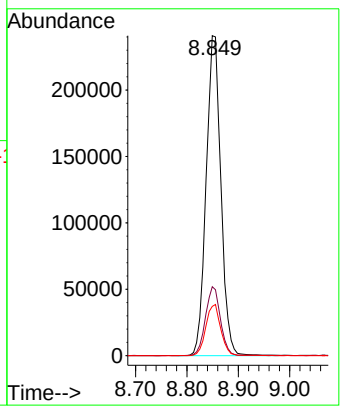


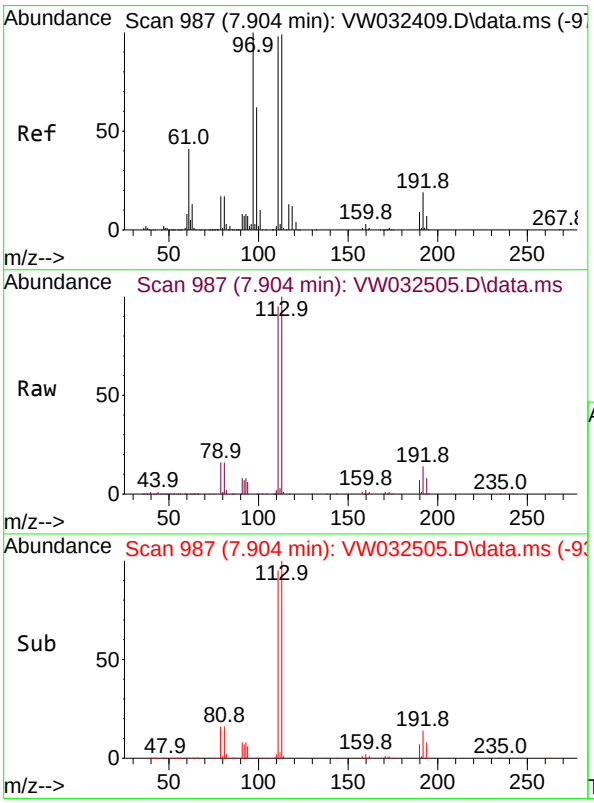
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Instrument :
MSVOA_W
ClientSampleId :
GP-B2(12-16)

Tgt Ion:114 Resp: 479940

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.8
88	15.4	0.0	32.6

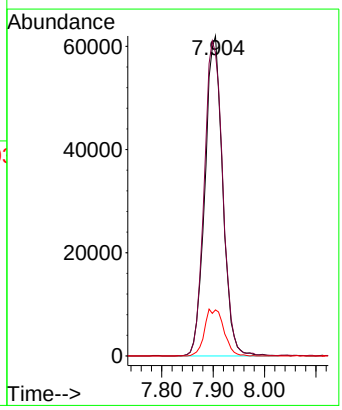


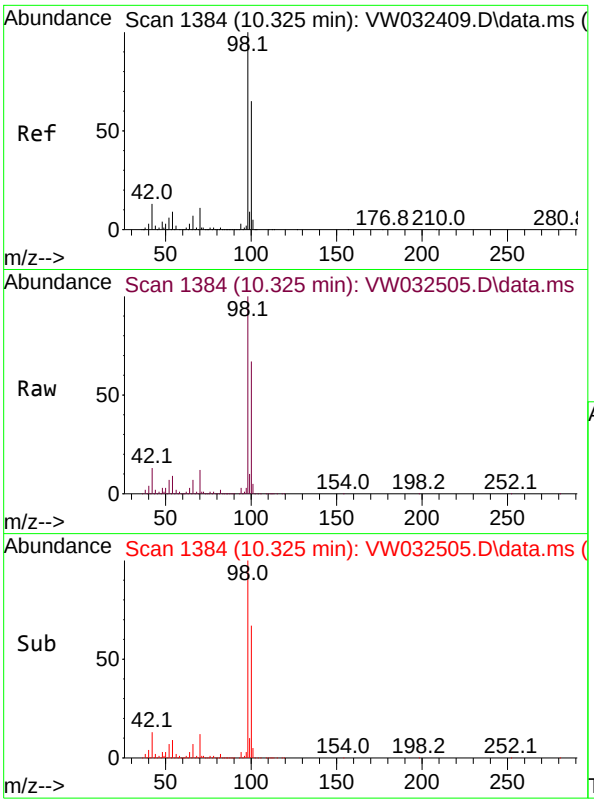


#35
Dibromofluoromethane
Concen: 51.612 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Tgt Ion:113 Resp: 148307

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	15.9	13.4	20.2



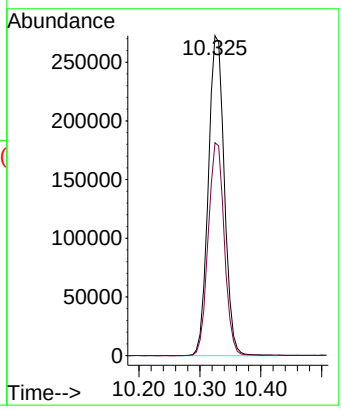


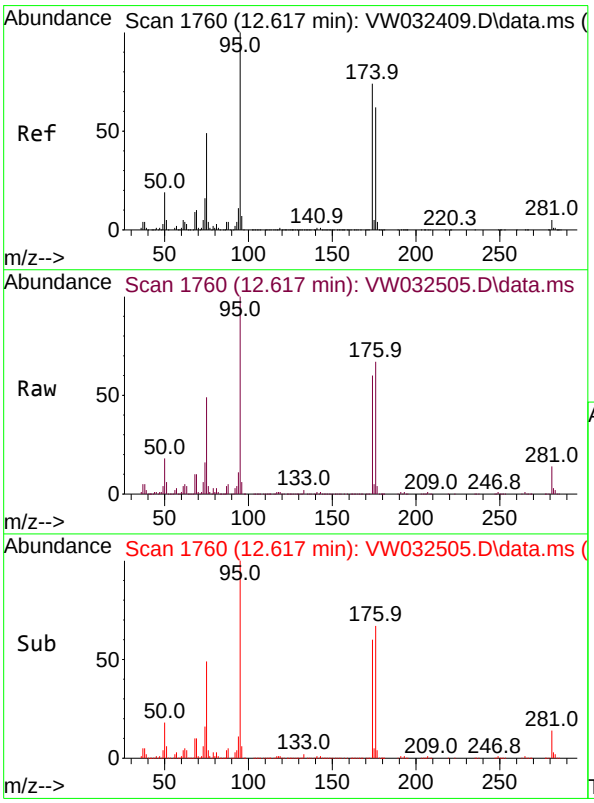
#50
Toluene-d8
Concen: 45.121 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Instrument :
MSVOA_W
ClientSampleId :
GP-B2(12-16)

Tgt Ion: 98 Resp: 497404

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.3	79.9

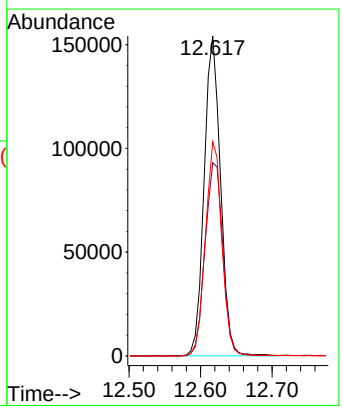


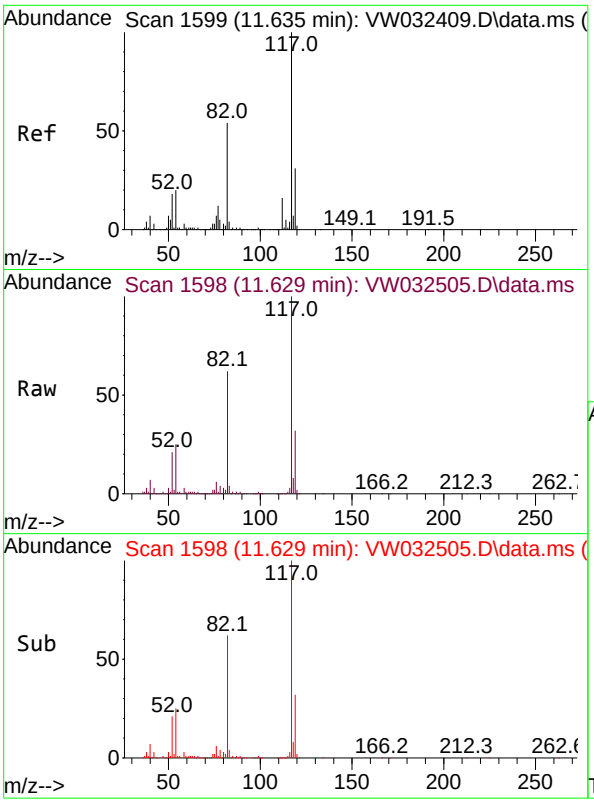


#62
4-Bromofluorobenzene
Concen: 58.733 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Tgt Ion: 95 Resp: 244583

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	135.4
176	67.6	0.0	131.8



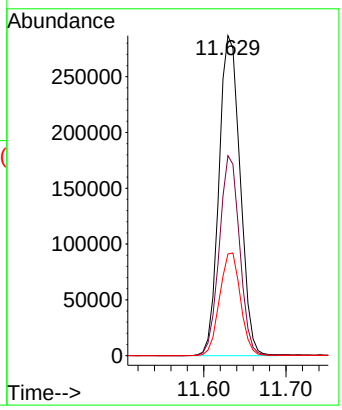


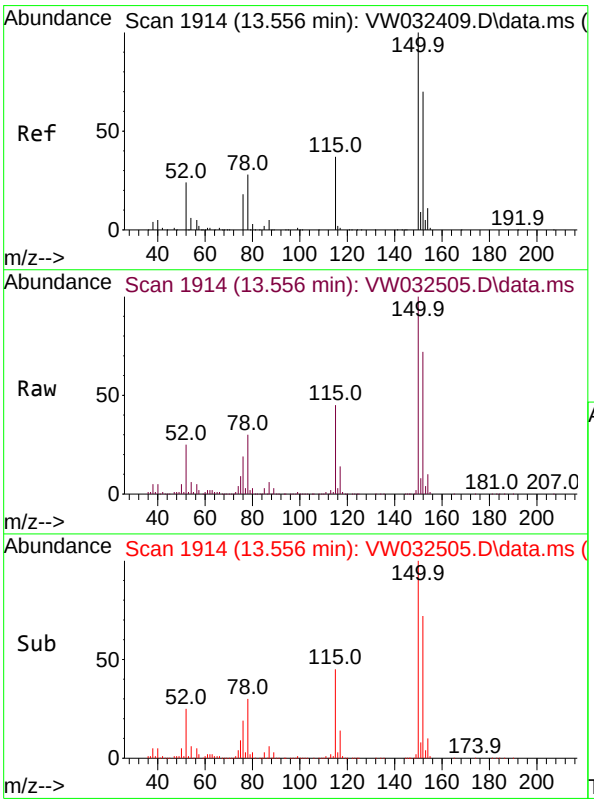
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Instrument :
MSVOA_W
ClientSampleId :
GP-B2(12-16)

Tgt Ion:117 Resp: 511989

Ion	Ratio	Lower	Upper
117	100		
82	62.5	43.0	64.4
119	31.8	25.0	37.6

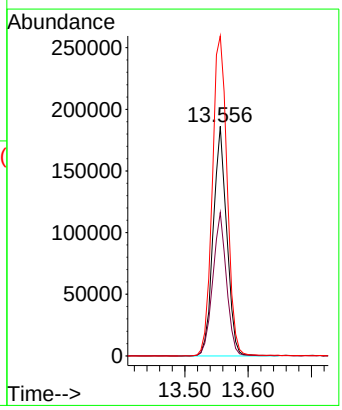




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032505.D
Acq: 19 Nov 2025 16:10

Tgt Ion:152 Resp: 278002

Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.8	98.3
150	151.9	0.0	356.6



Raw Data: **VW032506.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	11/12/25
Project:	6506 Haverford Road	Date Received:	11/12/25
Client Sample ID:	GP-B3(13.2)	SDG No.:	Q3619
Lab Sample ID:	Q3619-14	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	91
Sample Wt/Vol:	6.56 g Final Vol: 5000 uL	Test:	VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	0.61	U	1	0.61	4.20	ug/Kg	11/19/25 16:32	VW111925
71-43-2	Benzene	0.66	U	1	0.66	4.20	ug/Kg	11/19/25 16:32	VW111925
108-88-3	Toluene	0.65	U	1	0.65	4.20	ug/Kg	11/19/25 16:32	VW111925
106-93-4	1,2-Dibromoethane	0.74	U	1	0.74	4.20	ug/Kg	11/19/25 16:32	VW111925
100-41-4	Ethyl Benzene	0.56	U	1	0.56	4.20	ug/Kg	11/19/25 16:32	VW111925
179601-23-1	m/p-Xylenes	1.00	U	1	1.00	8.40	ug/Kg	11/19/25 16:32	VW111925
1330-20-7	Total Xylenes	1.69	U	1	1.69	12.6	ug/Kg	11/19/25 16:32	VW111925
95-47-6	o-Xylene	0.69	U	1	0.69	4.20	ug/Kg	11/19/25 16:32	VW111925
98-82-8	Isopropylbenzene	0.65	U	1	0.65	4.20	ug/Kg	11/19/25 16:32	VW111925
108-67-8	1,3,5-Trimethylbenzene	0.69	U	1	0.69	4.20	ug/Kg	11/19/25 16:32	VW111925
95-63-6	1,2,4-Trimethylbenzene	0.54	U	1	0.54	4.20	ug/Kg	11/19/25 16:32	VW111925
91-20-3	Naphthalene	2.20	U	1	2.20	4.20	ug/Kg	11/19/25 16:32	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	63.2			63 - 155	126%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.6			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	45.3			74 - 123	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.2			52 - 138	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	194000							
540-36-3	1,4-Difluorobenzene	459000							
3114-55-4	Chlorobenzene-d5	498000							
3855-82-1	1,4-Dichlorobenzene-d4	274000							

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032506.D
Acq On : 19 Nov 2025 16:32
Operator : SY/MD
Sample : Q3619-14
Misc : 6.56g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B3(13.2)

Quant Time: Nov 20 01:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

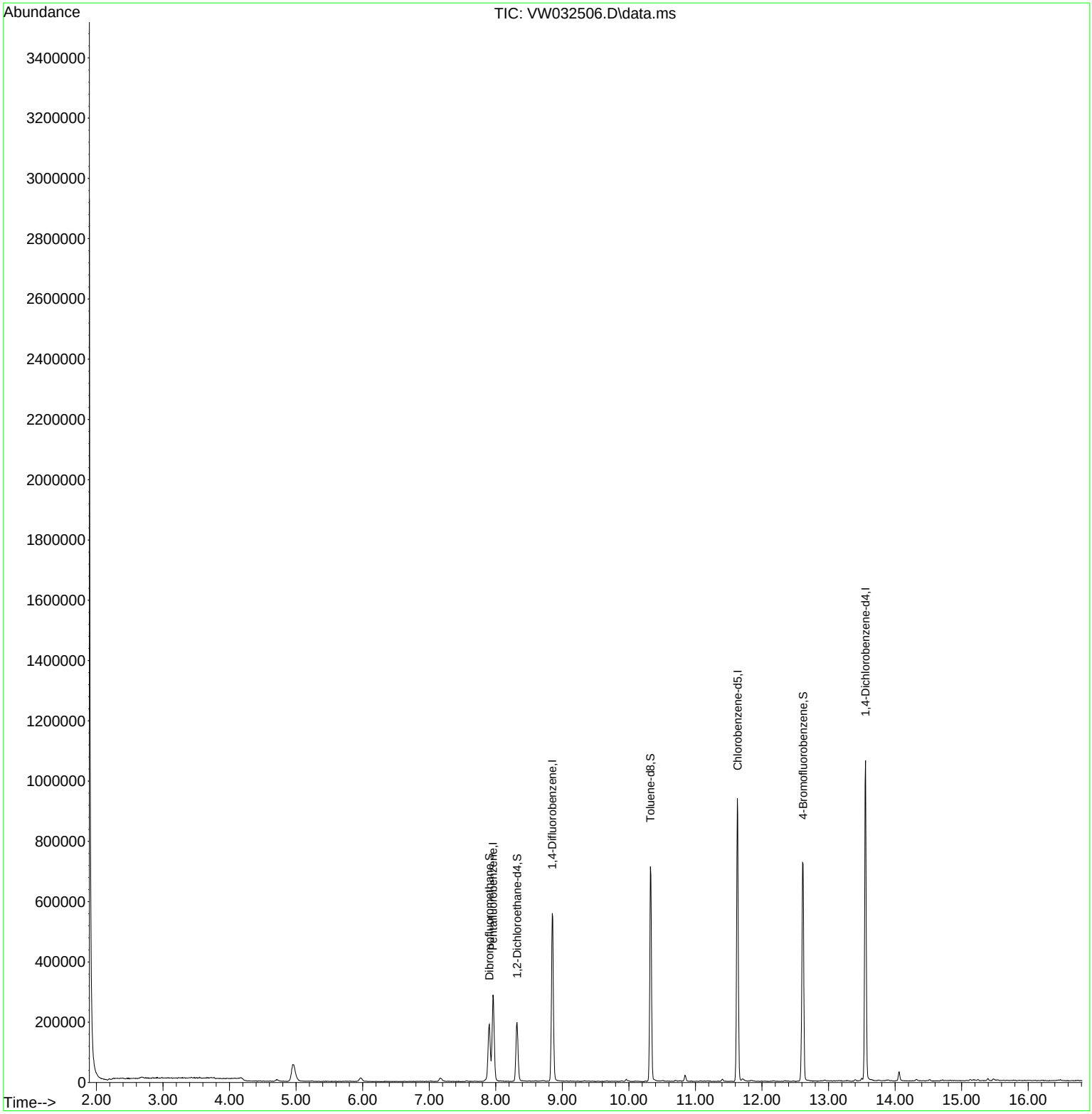
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	193618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	458673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	498464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	274081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157871	63.245	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 126.480%			
35) Dibromofluoromethane	7.904	113	141591	51.559	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.120%			
50) Toluene-d8	10.325	98	476912	45.268	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 90.540%			
62) 4-Bromofluorobenzene	12.617	95	235556	59.188	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 118.380%			
Target Compounds						Qvalue

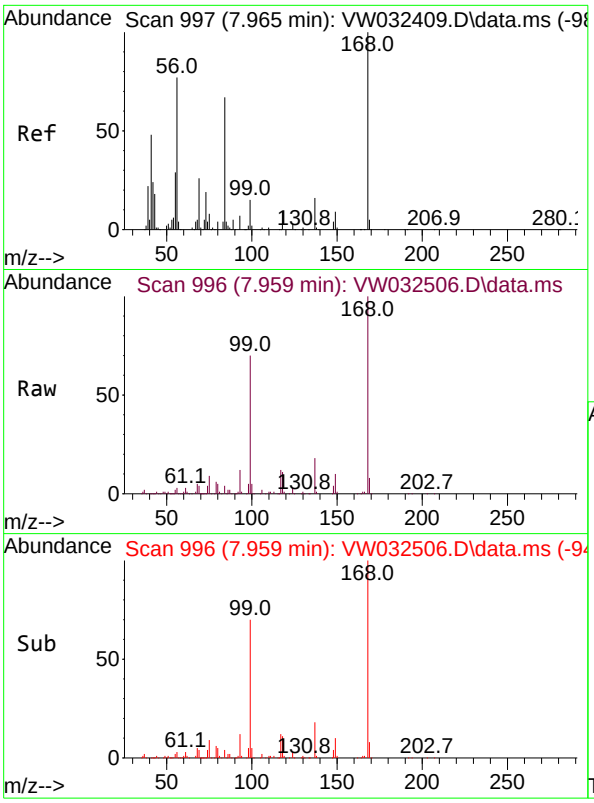
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032506.D
Acq On : 19 Nov 2025 16:32
Operator : SY/MD
Sample : Q3619-14
Misc : 6.56g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B3(13.2)

Quant Time: Nov 20 01:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



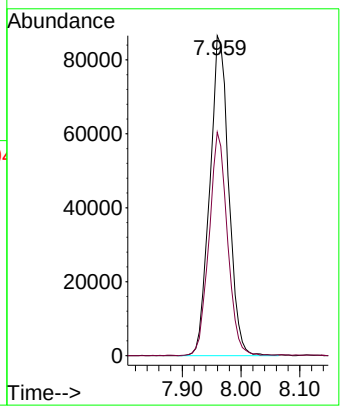


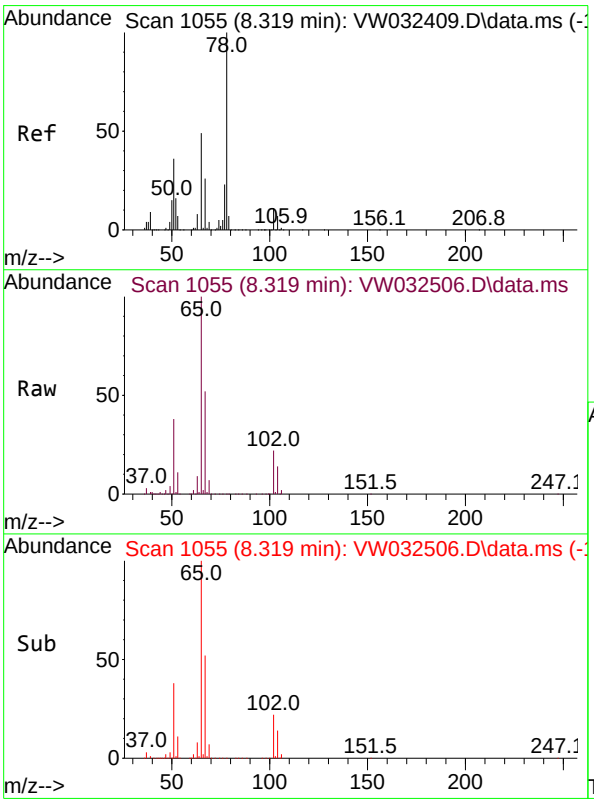
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :
GP-B3(13.2)

Tgt Ion:168 Resp: 193618

Ion	Ratio	Lower	Upper
168	100		
99	69.8	45.4	68.2#

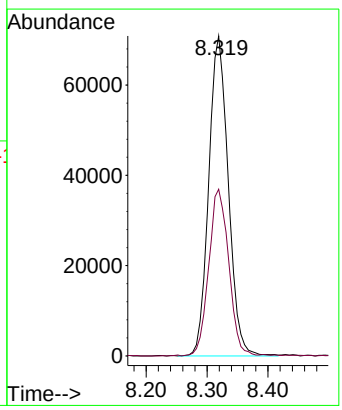


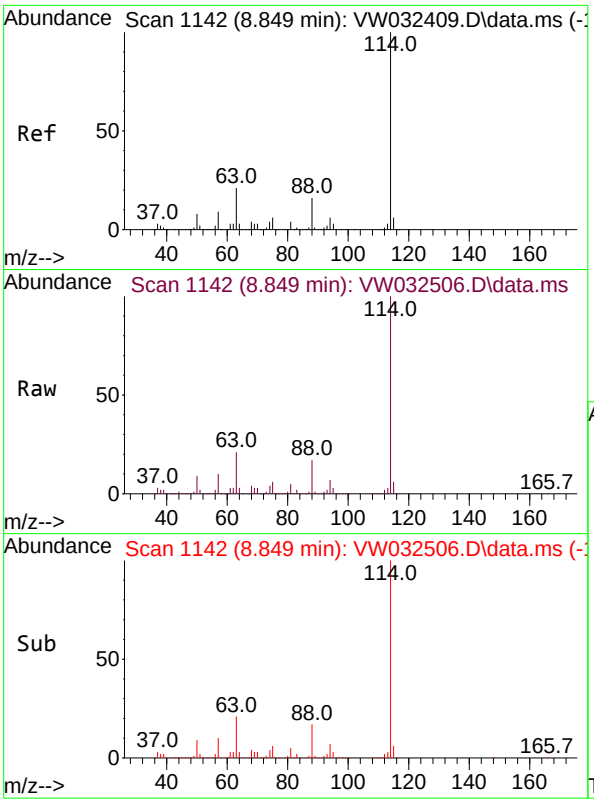


#33
1,2-Dichloroethane-d4
Concen: 63.245 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Tgt Ion: 65 Resp: 157871

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8



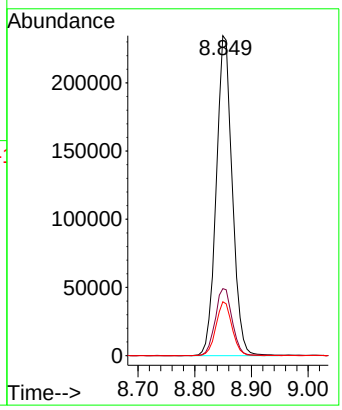


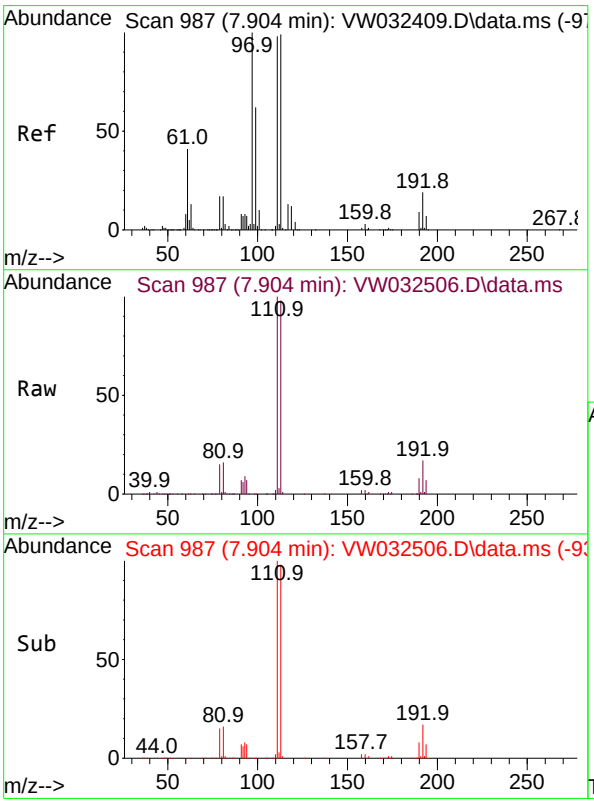
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :
GP-B3(13.2)

Tgt Ion:114 Resp: 458673

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.8
88	16.8	0.0	32.6

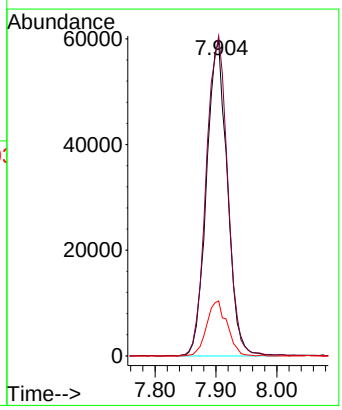


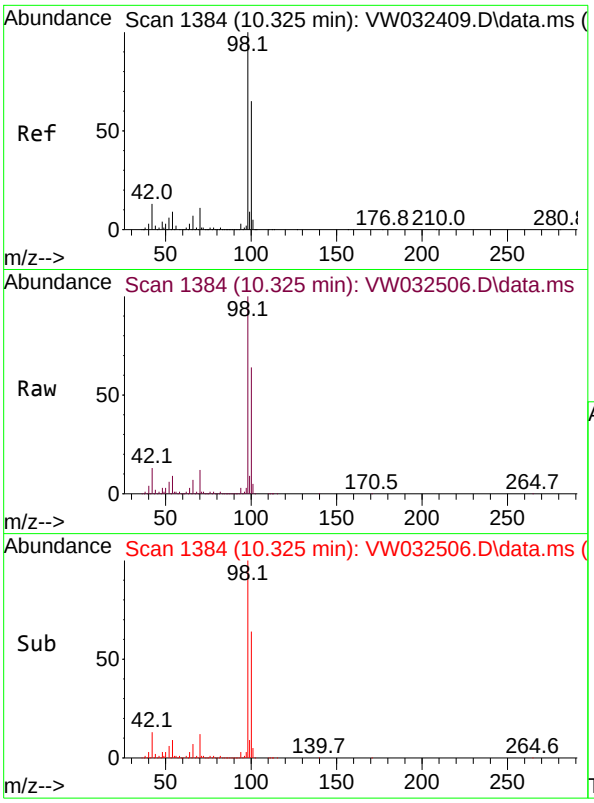


#35
Dibromofluoromethane
Concen: 51.559 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Tgt Ion:113 Resp: 141591

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.1	124.7
192	17.1	13.4	20.2



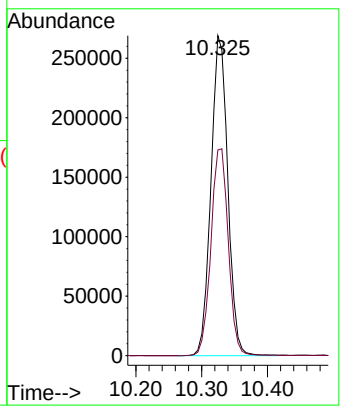


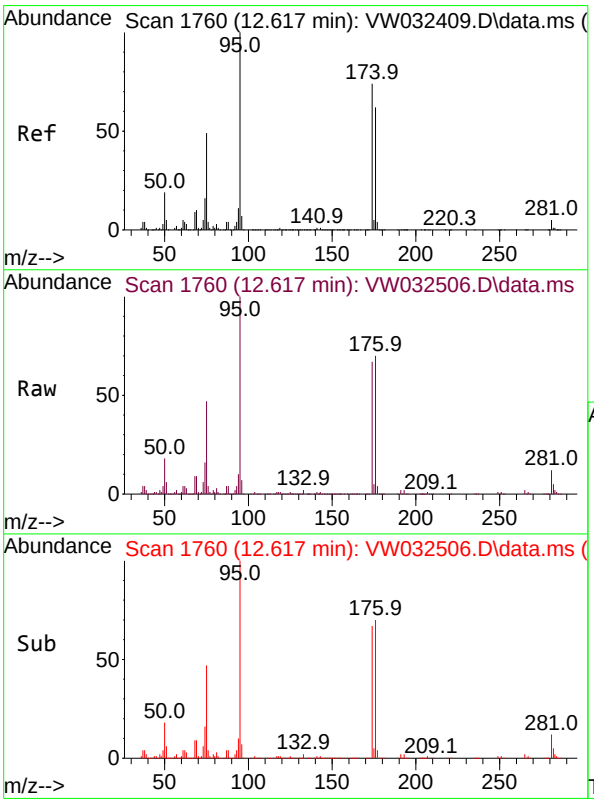
#50
Toluene-d8
Concen: 45.268 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :
GP-B3(13.2)

Tgt Ion: 98 Resp: 476912

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

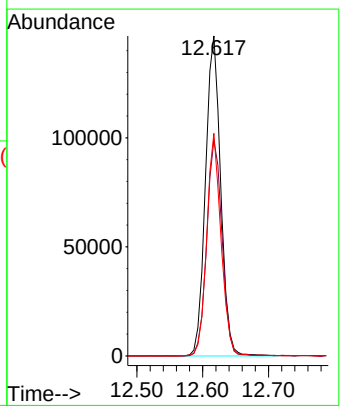


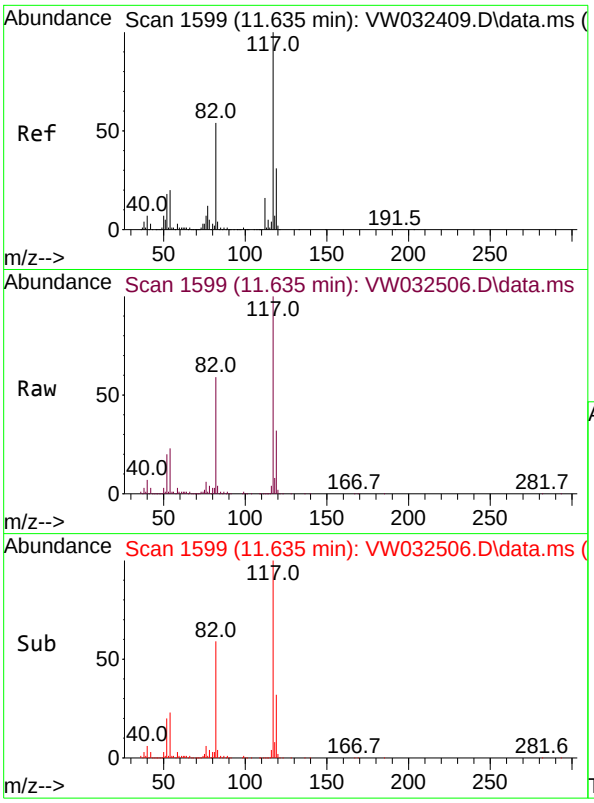


#62
4-Bromofluorobenzene
Concen: 59.188 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Tgt Ion: 95 Resp: 235556

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.4
176	65.4	0.0	131.8



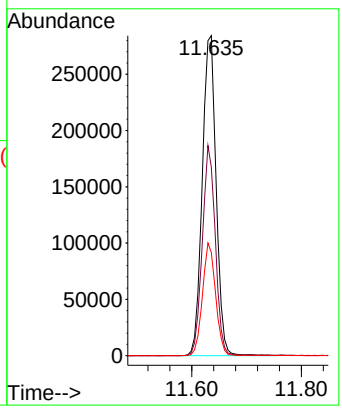


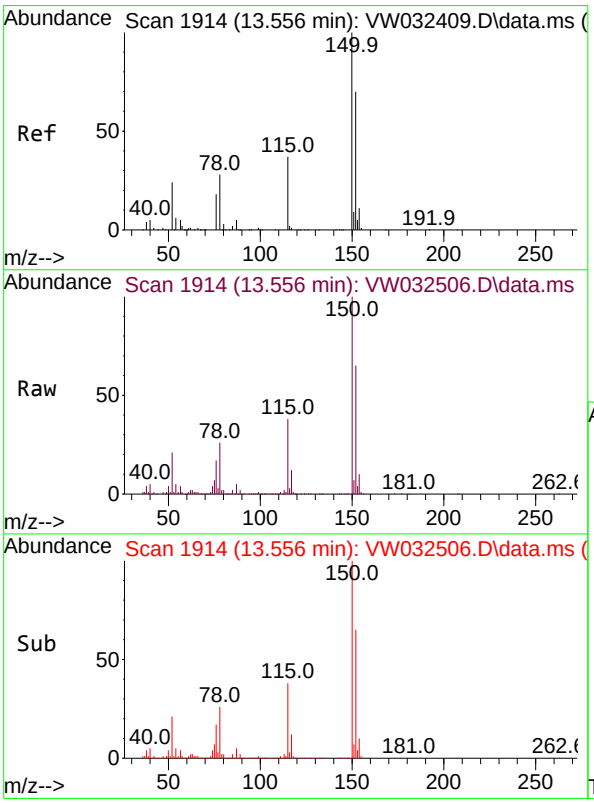
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :
GP-B3(13.2)

Tgt Ion:117 Resp: 498464

Ion	Ratio	Lower	Upper
117	100		
82	58.9	43.0	64.4
119	32.2	25.0	37.6

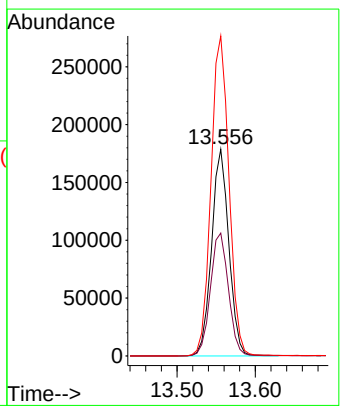




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032506.D
Acq: 19 Nov 2025 16:32

Tgt Ion:152 Resp: 274081

Ion	Ratio	Lower	Upper
152	100		
115	61.9	32.8	98.3
150	161.3	0.0	356.6



Raw Data: **VW032494.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	11/12/25
Project:	6506 Haverford Road	Date Received:	11/12/25
Client Sample ID:	GP-B4(8-12)	SDG No.:	Q3619
Lab Sample ID:	Q3619-17	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	69.5
Sample Wt/Vol:	6.15 g Final Vol: 5000 uL	Test:	VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	0.85	U	1	0.85	5.80	ug/Kg	11/19/25 12:08	VW111925
71-43-2	Benzene	0.92	U	1	0.92	5.80	ug/Kg	11/19/25 12:08	VW111925
108-88-3	Toluene	0.91	U	1	0.91	5.80	ug/Kg	11/19/25 12:08	VW111925
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.80	ug/Kg	11/19/25 12:08	VW111925
100-41-4	Ethyl Benzene	0.78	U	1	0.78	5.80	ug/Kg	11/19/25 12:08	VW111925
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	11.7	ug/Kg	11/19/25 12:08	VW111925
1330-20-7	Total Xylenes	2.46	U	1	2.46	17.5	ug/Kg	11/19/25 12:08	VW111925
95-47-6	o-Xylene	0.96	U	1	0.96	5.80	ug/Kg	11/19/25 12:08	VW111925
98-82-8	Isopropylbenzene	0.91	U	1	0.91	5.80	ug/Kg	11/19/25 12:08	VW111925
108-67-8	1,3,5-Trimethylbenzene	0.96	U	1	0.96	5.80	ug/Kg	11/19/25 12:08	VW111925
95-63-6	1,2,4-Trimethylbenzene	0.75	U	1	0.75	5.80	ug/Kg	11/19/25 12:08	VW111925
91-20-3	Naphthalene	3.00	U	1	3.00	5.80	ug/Kg	11/19/25 12:08	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.6			63 - 155	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.1			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	45.6			74 - 123	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.8			52 - 138	124%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	210000							
540-36-3	1,4-Difluorobenzene	492000							
3114-55-4	Chlorobenzene-d5	535000							
3855-82-1	1,4-Dichlorobenzene-d4	292000							

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

Sample Results: **VW032494.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032494.D
Acq On : 19 Nov 2025 12:08
Operator : SY/MD
Sample : Q3619-17
Misc : 6.15g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(8-12)

Quant Time: Nov 20 01:17:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

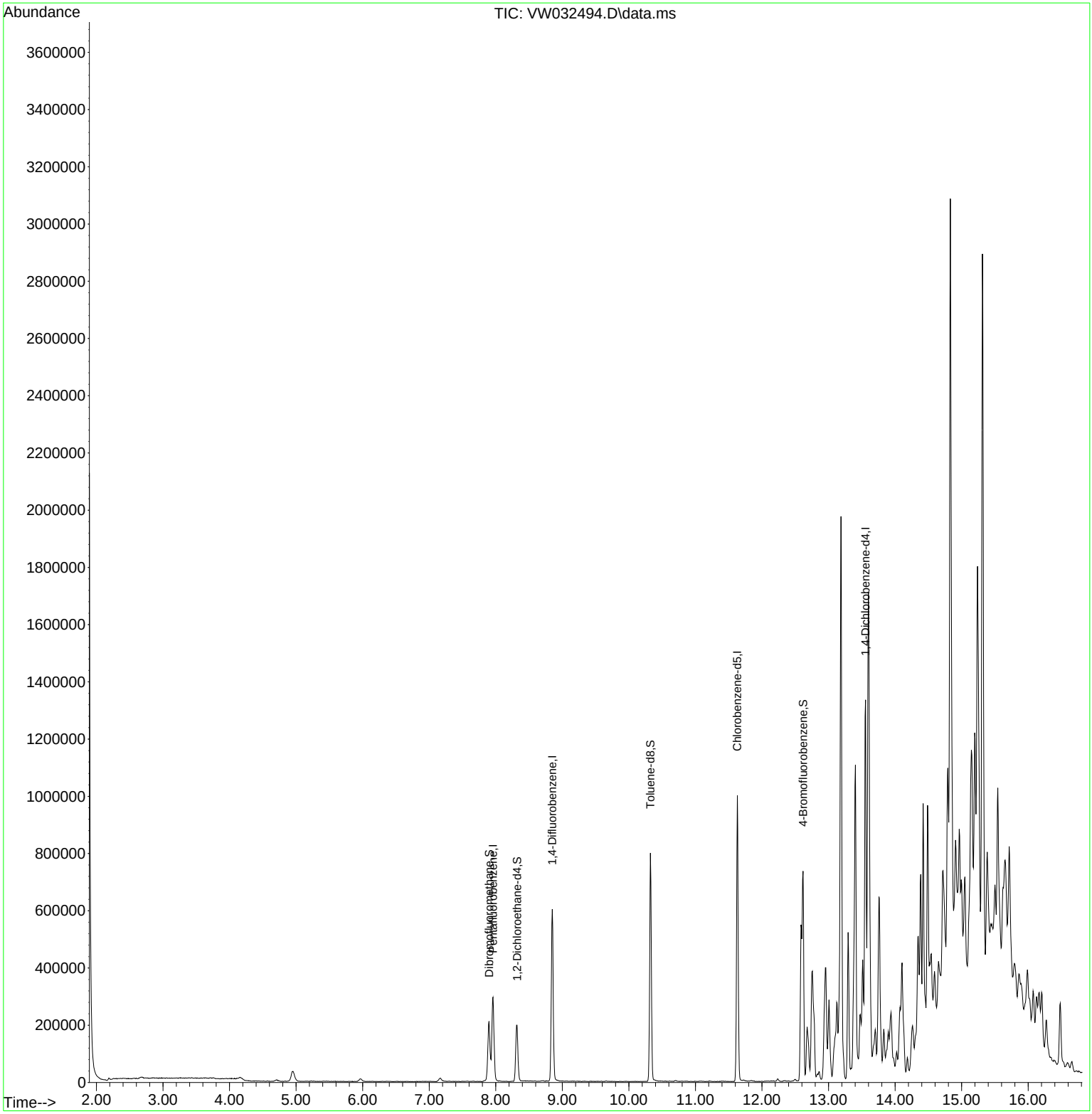
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	209757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	491644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	534544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	291639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163763	60.557	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 121.120%			
35) Dibromofluoromethane	7.898	113	153289	52.076	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.160%			
50) Toluene-d8	10.325	98	514768	45.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 91.160%			
62) 4-Bromofluorobenzene	12.617	95	263649	61.804	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 123.600%			
Target Compounds						Qvalue

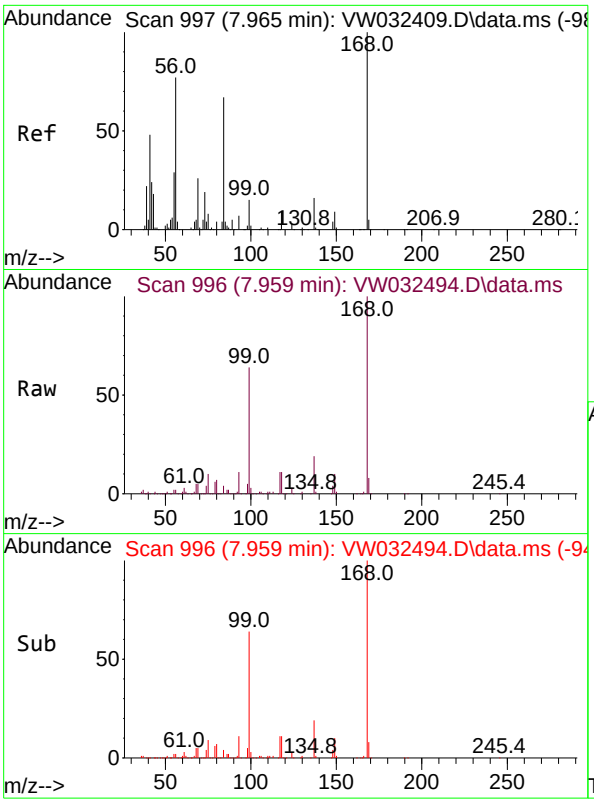
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032494.D
Acq On : 19 Nov 2025 12:08
Operator : SY/MD
Sample : Q3619-17
Misc : 6.15g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(8-12)

Quant Time: Nov 20 01:17:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



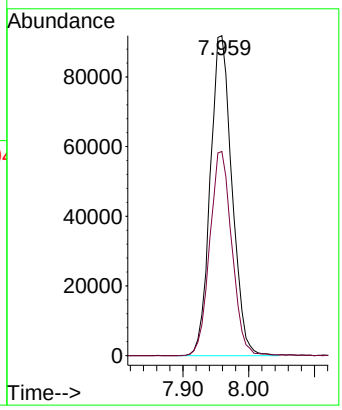


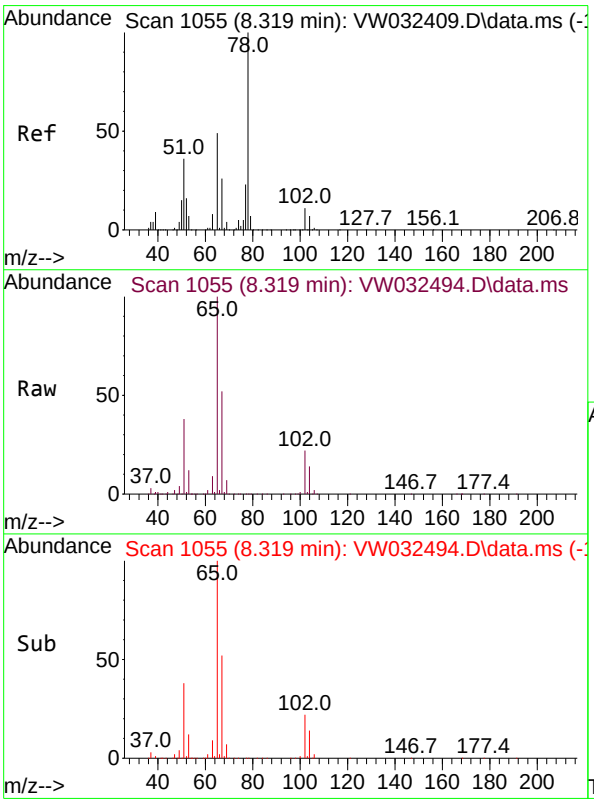
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(8-12)

Tgt Ion:168 Resp: 209757

Ion	Ratio	Lower	Upper
168	100		
99	63.8	45.4	68.2

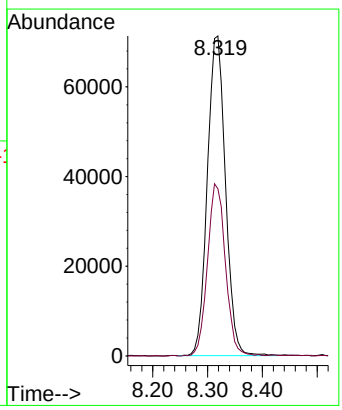


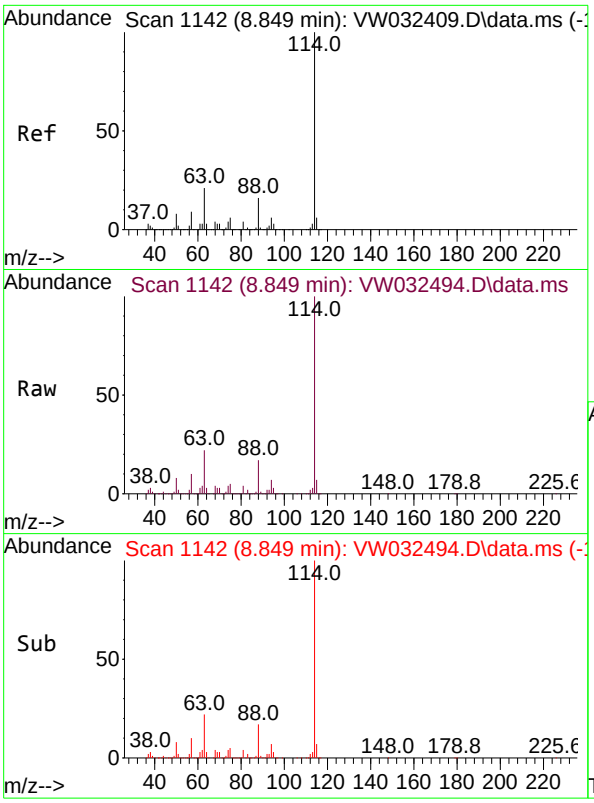


#33
1,2-Dichloroethane-d4
Concen: 60.557 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Tgt Ion: 65 Resp: 163763

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.8



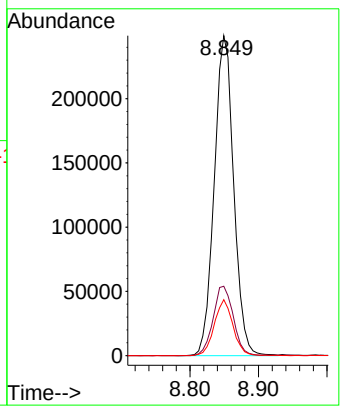


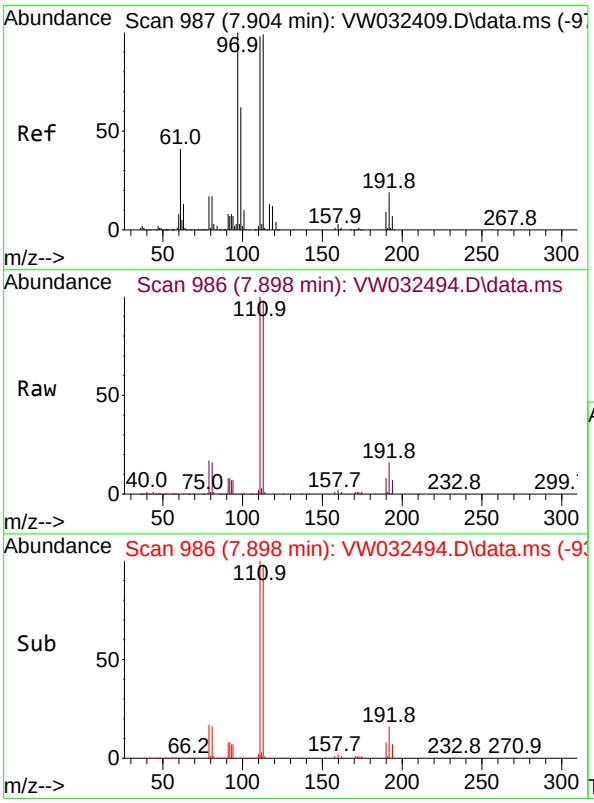
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(8-12)

Tgt Ion:114 Resp: 491644

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.8
88	17.5	0.0	32.6

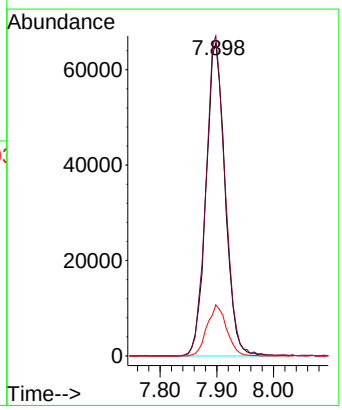


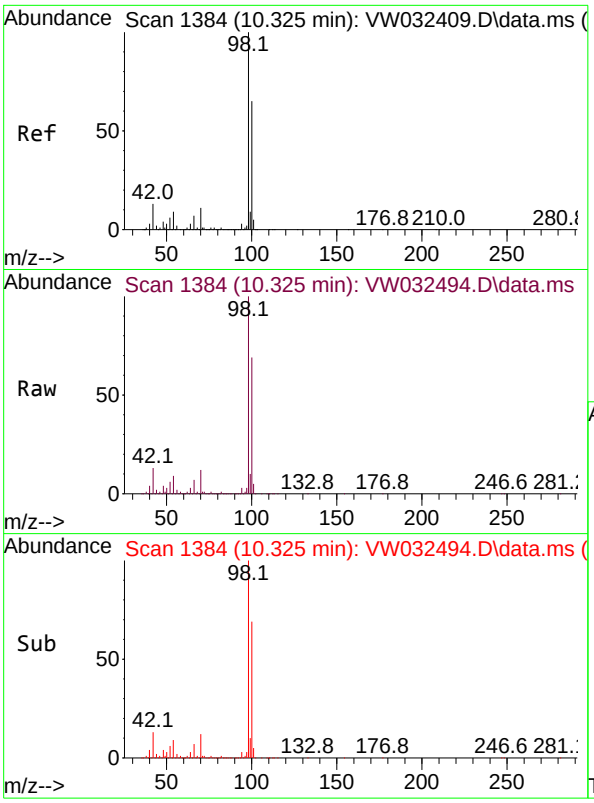


#35
Dibromofluoromethane
Concen: 52.076 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Tgt Ion:113 Resp: 153289

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	16.7	13.4	20.2



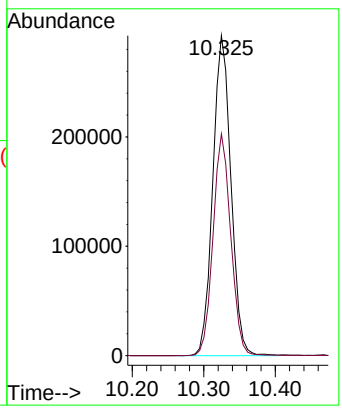


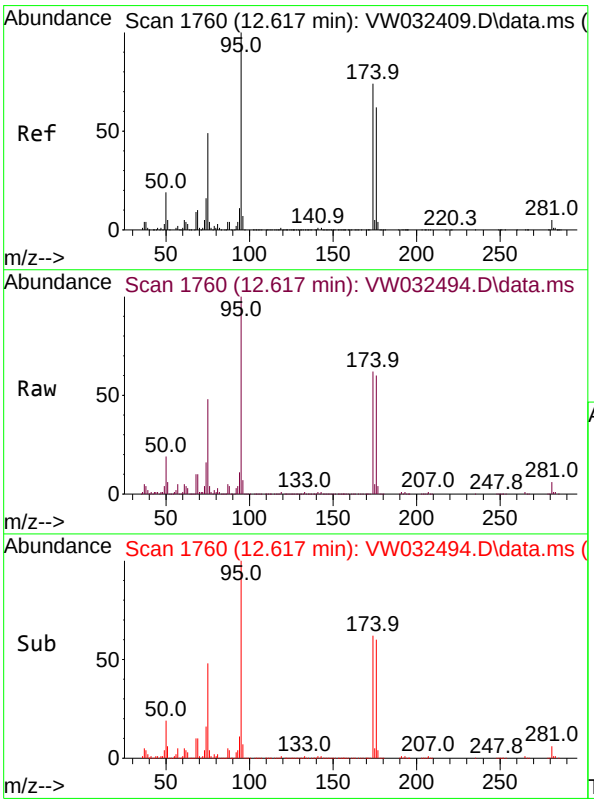
#50
Toluene-d8
Concen: 45.585 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(8-12)

Tgt Ion: 98 Resp: 514768

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.3	79.9

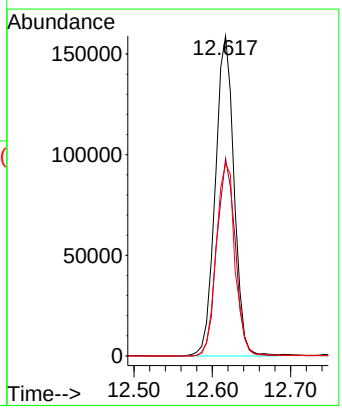


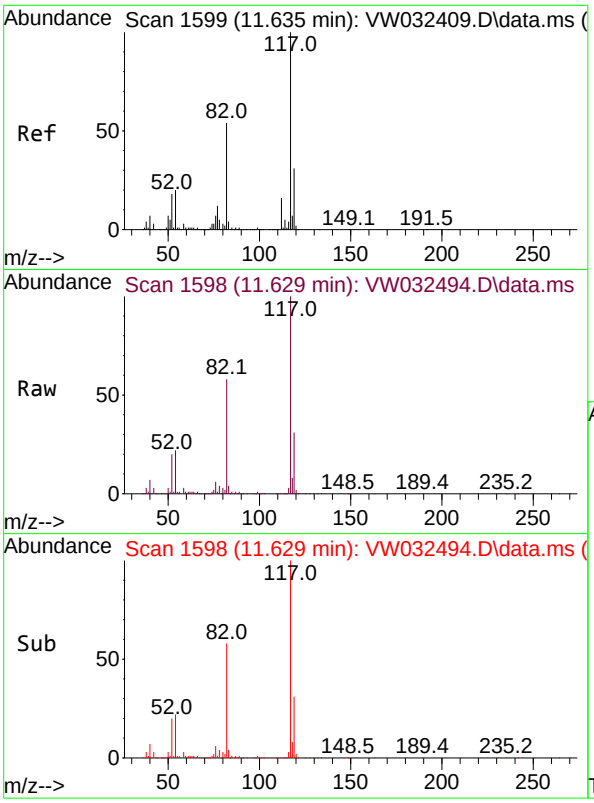


#62
4-Bromofluorobenzene
Concen: 61.804 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Tgt Ion: 95 Resp: 263649

Ion	Ratio	Lower	Upper
95	100		
174	60.8	0.0	135.4
176	60.5	0.0	131.8



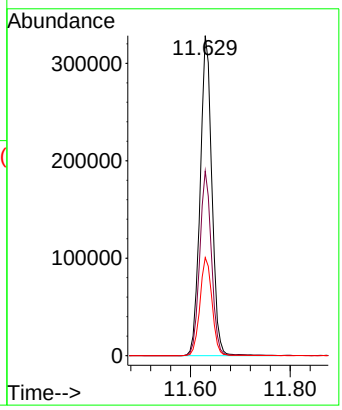


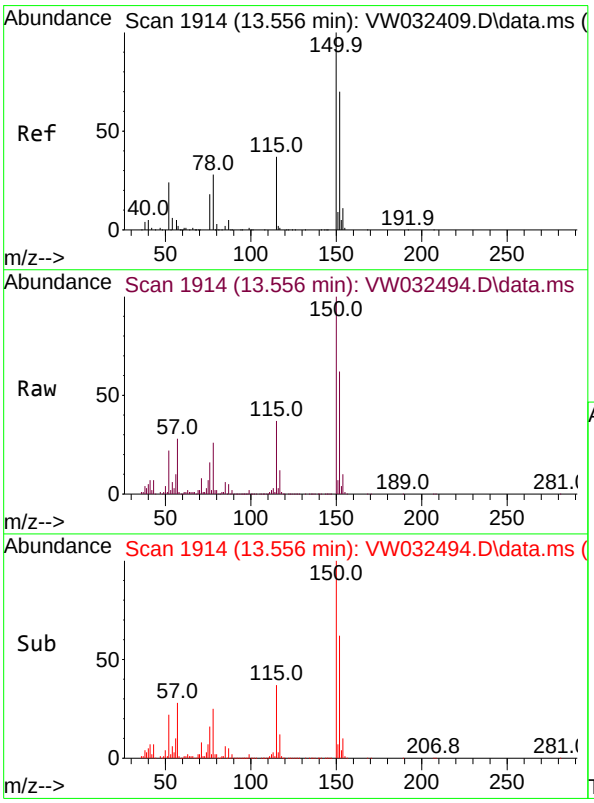
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(8-12)

Tgt Ion:117 Resp: 534544

Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.0	64.4
119	30.6	25.0	37.6

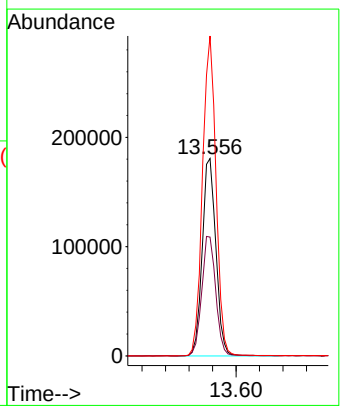




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032494.D
Acq: 19 Nov 2025 12:08

Tgt Ion:152 Resp: 291639

Ion	Ratio	Lower	Upper
152	100		
115	61.8	32.8	98.3
150	159.6	0.0	356.6



Raw Data: **VW032507.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	11/12/25
Project:	6506 Haverford Road	Date Received:	11/12/25
Client Sample ID:	GP-B4(13.2)	SDG No.:	Q3619
Lab Sample ID:	Q3619-18	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	90.5
Sample Wt/Vol:	5.06 g Final Vol: 5000 uL	Test:	VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	0.80	U	1	0.80	5.50	ug/Kg	11/19/25 16:53	VW111925
71-43-2	Benzene	0.86	U	1	0.86	5.50	ug/Kg	11/19/25 16:53	VW111925
108-88-3	Toluene	0.85	U	1	0.85	5.50	ug/Kg	11/19/25 16:53	VW111925
106-93-4	1,2-Dibromoethane	0.96	U	1	0.96	5.50	ug/Kg	11/19/25 16:53	VW111925
100-41-4	Ethyl Benzene	0.73	U	1	0.73	5.50	ug/Kg	11/19/25 16:53	VW111925
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	10.9	ug/Kg	11/19/25 16:53	VW111925
1330-20-7	Total Xylenes	2.30	U	1	2.30	16.4	ug/Kg	11/19/25 16:53	VW111925
95-47-6	o-Xylene	0.90	U	1	0.90	5.50	ug/Kg	11/19/25 16:53	VW111925
98-82-8	Isopropylbenzene	0.85	U	1	0.85	5.50	ug/Kg	11/19/25 16:53	VW111925
108-67-8	1,3,5-Trimethylbenzene	0.90	U	1	0.90	5.50	ug/Kg	11/19/25 16:53	VW111925
95-63-6	1,2,4-Trimethylbenzene	0.70	U	1	0.70	5.50	ug/Kg	11/19/25 16:53	VW111925
91-20-3	Naphthalene	2.80	U	1	2.80	5.50	ug/Kg	11/19/25 16:53	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.0			63 - 155	124%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.0			70 - 134	100%	SPK: 50		
2037-26-5	Toluene-d8	45.3			74 - 123	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.0			52 - 138	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	197000							
540-36-3	1,4-Difluorobenzene	473000							
3114-55-4	Chlorobenzene-d5	524000							
3855-82-1	1,4-Dichlorobenzene-d4	252000							

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

Sample Results: **VW032507.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032507.D
Acq On : 19 Nov 2025 16:53
Operator : SY/MD
Sample : Q3619-18
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(13.2)

Quant Time: Nov 20 01:21:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

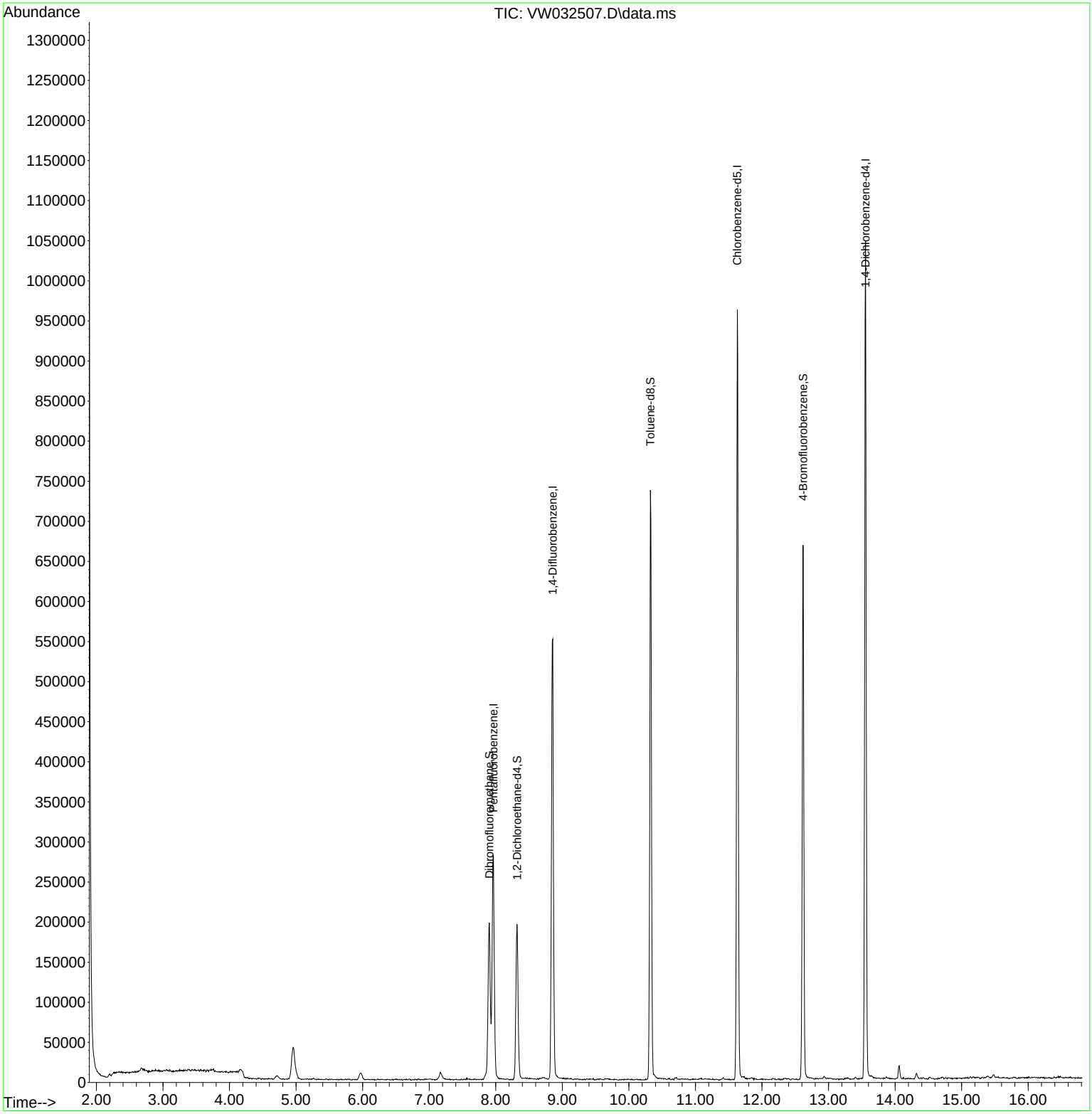
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	196857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	473106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	523826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	252059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157238	61.955	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 123.900%			
35) Dibromofluoromethane	7.904	113	141537	49.967	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.940%			
50) Toluene-d8	10.325	98	492746	45.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 90.680%			
62) 4-Bromofluorobenzene	12.617	95	225841	55.015	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 110.040%			
Target Compounds						Qvalue

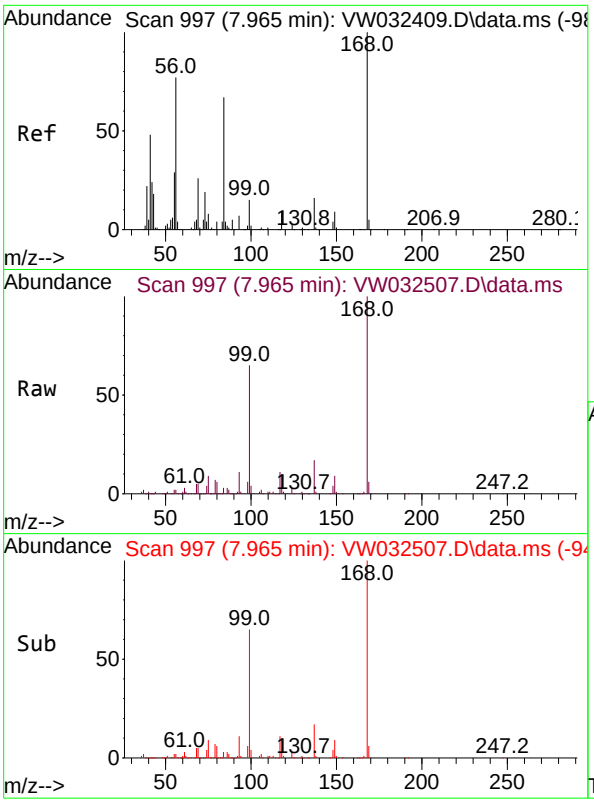
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032507.D
Acq On : 19 Nov 2025 16:53
Operator : SY/MD
Sample : Q3619-18
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(13.2)

Quant Time: Nov 20 01:21:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



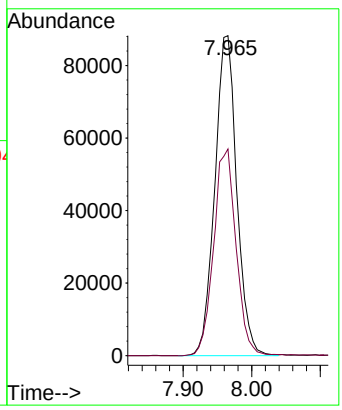


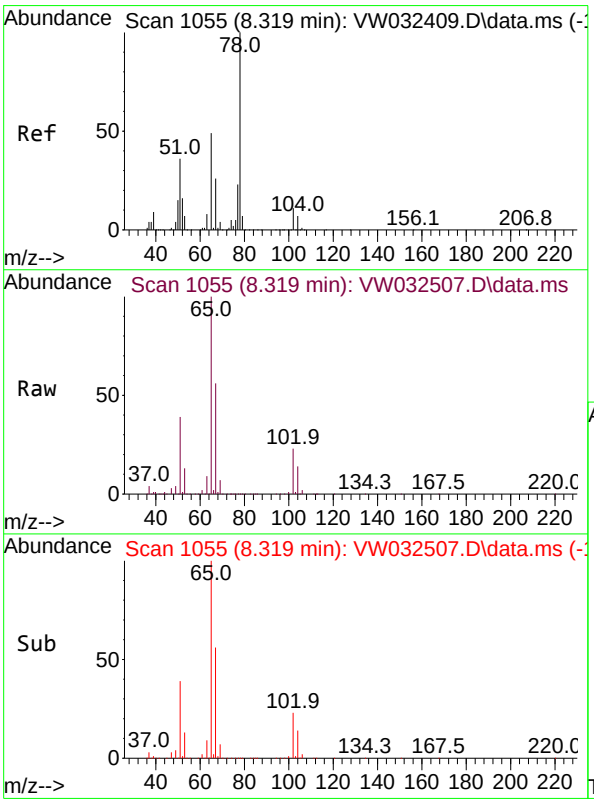
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(13.2)

Tgt Ion:168 Resp: 196857

Ion	Ratio	Lower	Upper
168	100		
99	64.6	45.4	68.2

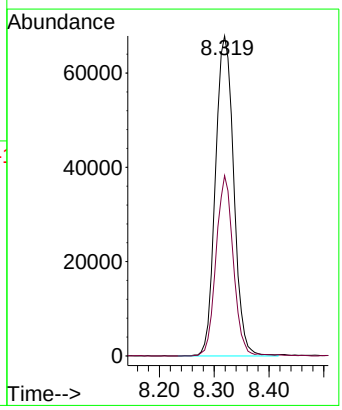


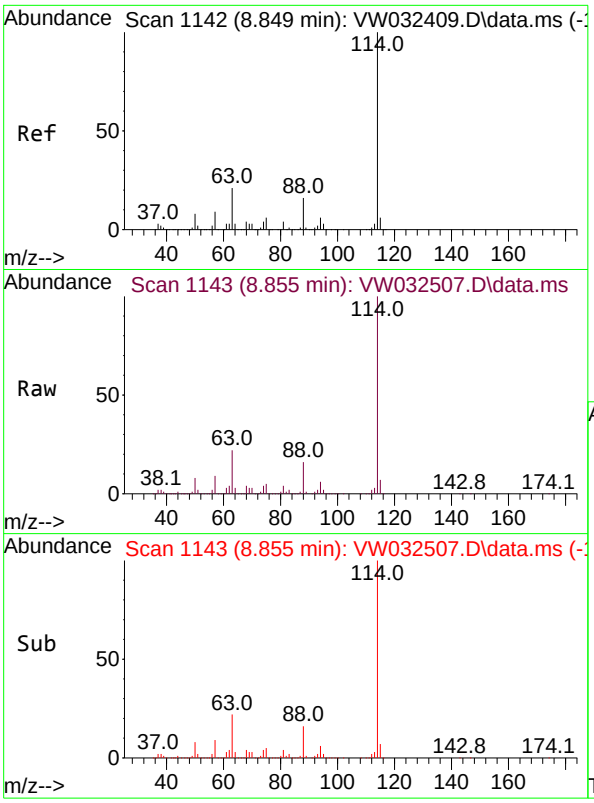


#33
1,2-Dichloroethane-d4
Concen: 61.955 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Tgt Ion: 65 Resp: 157238

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8



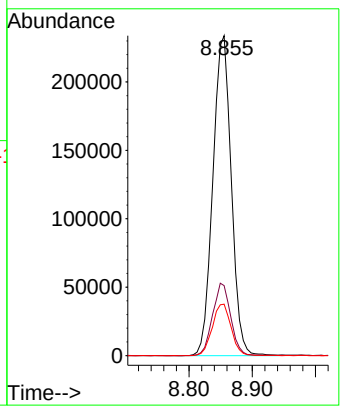


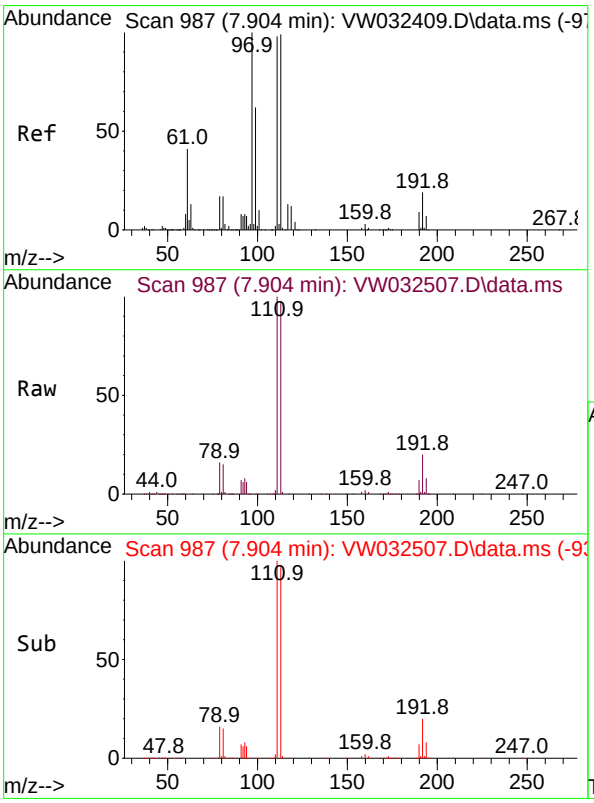
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(13.2)

Tgt Ion:114 Resp: 473106

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.8
88	16.1	0.0	32.6

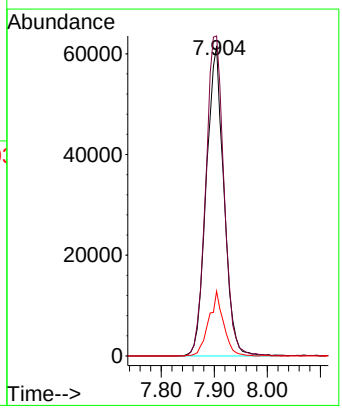


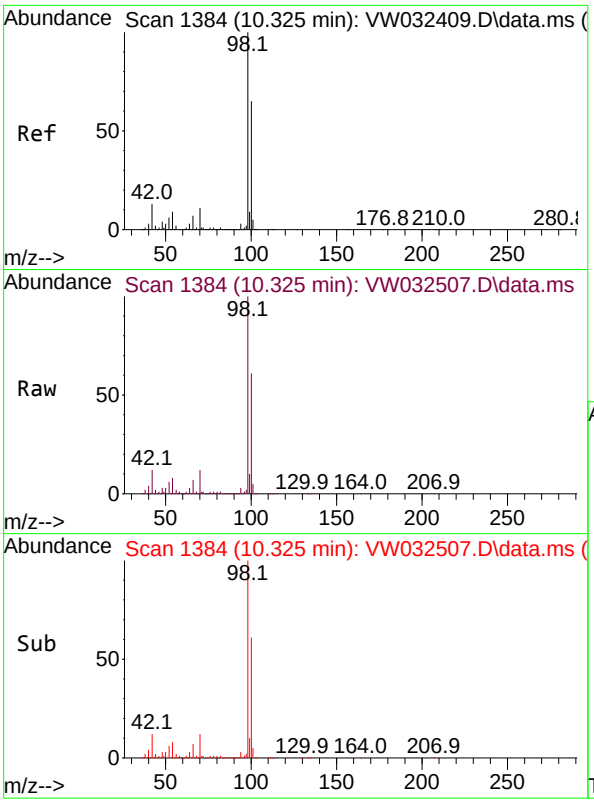


#35
Dibromofluoromethane
Concen: 49.967 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Tgt Ion:113 Resp: 141537

Ion	Ratio	Lower	Upper
113	100		
111	107.1	83.1	124.7
192	17.6	13.4	20.2



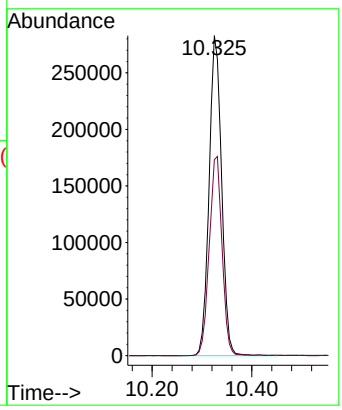


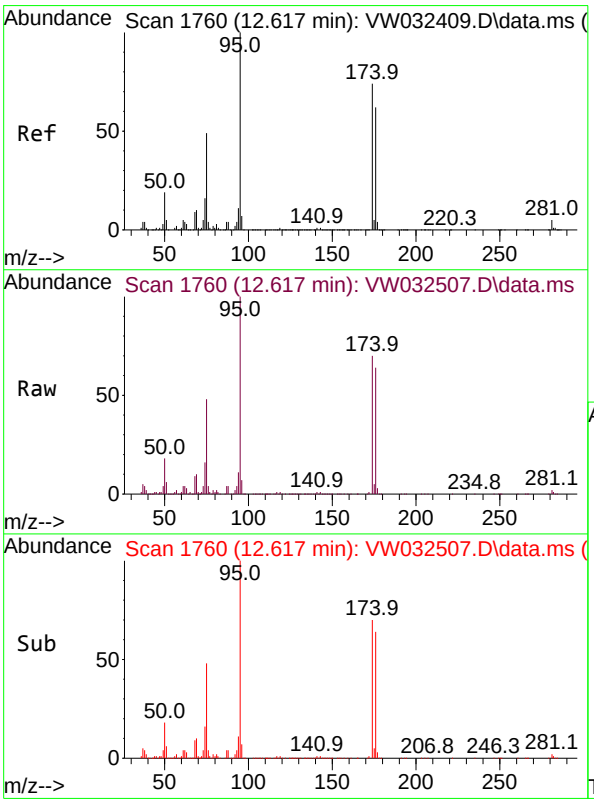
#50
Toluene-d8
Concen: 45.344 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(13.2)

Tgt Ion: 98 Resp: 492746

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.3	79.9

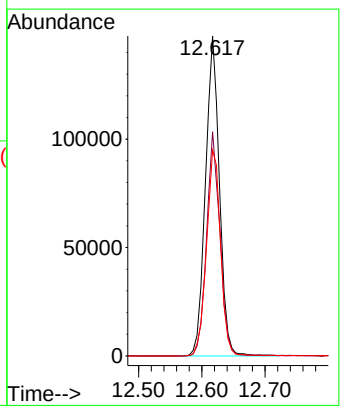


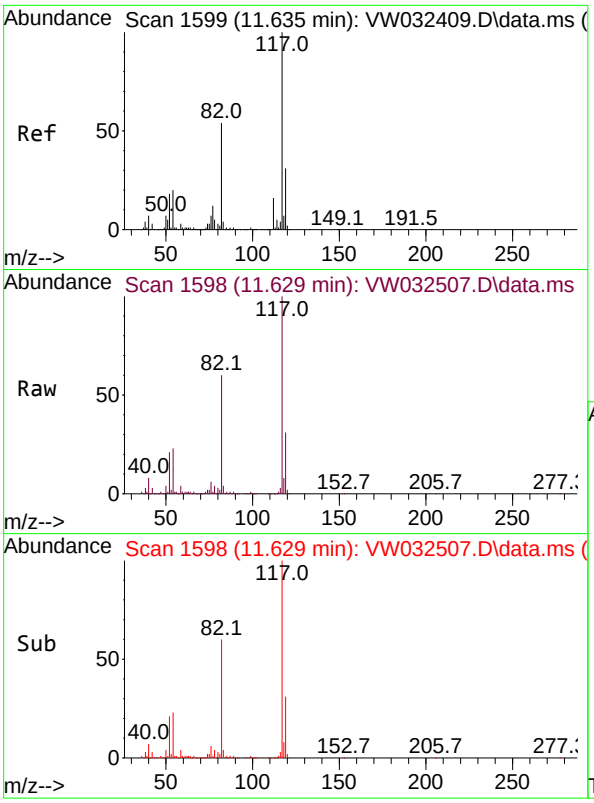


#62
4-Bromofluorobenzene
Concen: 55.015 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Tgt Ion: 95 Resp: 225841

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	135.4
176	64.8	0.0	131.8



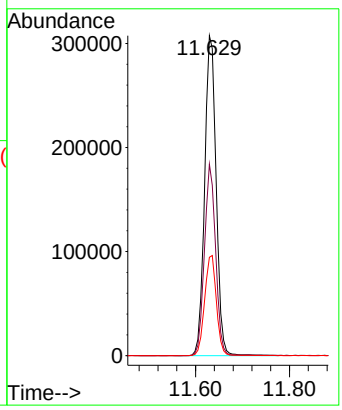


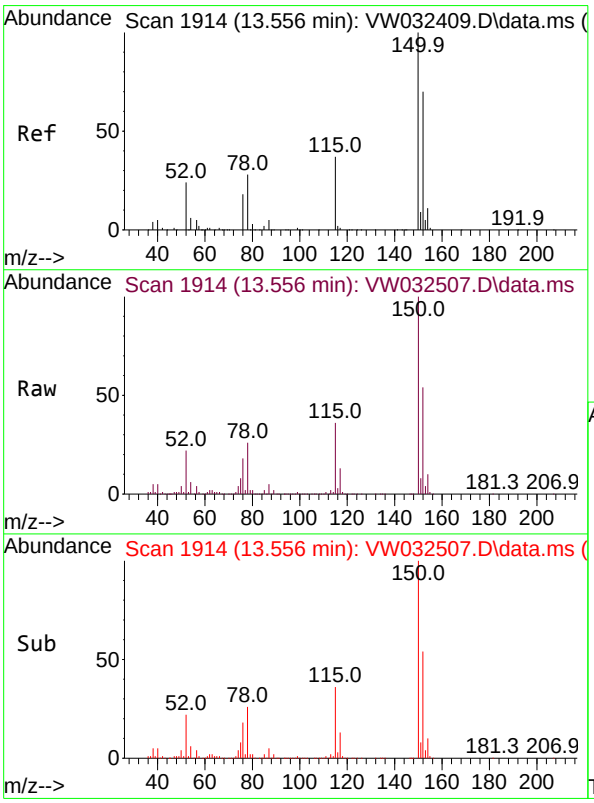
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :
GP-B4(13.2)

Tgt Ion:117 Resp: 523826

Ion	Ratio	Lower	Upper
117	100		
82	59.9	43.0	64.4
119	30.7	25.0	37.6

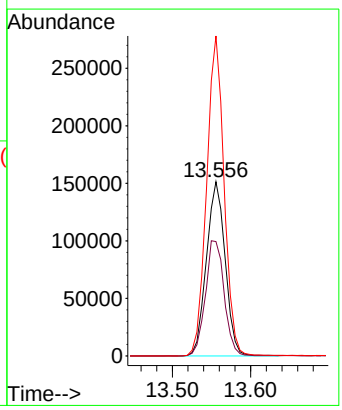




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032507.D
Acq: 19 Nov 2025 16:53

Tgt Ion:152 Resp: 252059

Ion	Ratio	Lower	Upper
152	100		
115	66.3	32.8	98.3
150	171.4	0.0	356.6



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AMBR01

Lab Code: ACE SDG No.: Q3619

Instrument ID: MSVOA_W Calibration Date(s): 11/10/2025 11/10/2025

Heated Purge: (Y/N) Y Calibration Time(s): 15:11 17:00

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

LAB FILE ID: RRF005 = VW032406.D RRF010 = VW032407.D RRF020 = VW032408.D
RRF050 = VW032409.D RRF100 = VW032410.D RRF150 = VW032411.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Methyl tert-butyl Ether	1.186	1.163	1.107	1.139	1.126	1.076	1.133	3.5
Benzene	1.410	1.473	1.410	1.437	1.413	1.380	1.420	2.2
Toluene	0.875	0.896	0.870	0.894	0.870	0.859	0.877	1.7
1,2-Dibromoethane	0.261	0.292	0.279	0.281	0.272	0.272	0.276	3.8
Ethyl Benzene	1.875	1.853	1.822	1.944	1.915	1.779	1.865	3.2
m/p-Xylenes	0.692	0.713	0.679	0.732	0.708	0.677	0.700	3
o-Xylene	0.668	0.659	0.662	0.682	0.699	0.653	0.670	2.5
Isopropylbenzene	3.523	3.562	3.511	3.968	3.781	3.689	3.672	4.9
1,3,5-Trimethylbenzene	2.919	2.983	2.969	3.242	3.086	2.978	3.030	3.9
1,2,4-Trimethylbenzene	3.047	3.050	2.963	3.291	3.071	3.067	3.081	3.6
Naphthalene	2.182	2.295	2.276	2.598	2.586	2.472	2.401	7.3
1,2-Dichloroethane-d4	0.691	0.654	0.647	0.605	0.640	0.630	0.645	4.4
Dibromofluoromethane	0.314	0.302	0.305	0.287	0.297	0.291	0.299	3.3
Toluene-d8	1.171	1.176	1.152	1.130	1.136	1.125	1.148	1.9
4-Bromofluorobenzene	0.444	0.444	0.454	0.415	0.426	0.421	0.434	3.6

* 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.

Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W111025S.M
Title : SW846 8260
Last Update : Tue Nov 11 03:48:21 2025
Response Via : Initial Calibration

Calibration Files
5 =VW032406.D 10 =VW032407.D 20 =VW032408.D 50 =VW032409.D 100 =VW032410.D 150 =VW032411.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.288	0.282	0.231	0.248	0.243	0.230	0.254	9.97
3)	P	Chloromethane	0.476	0.439	0.408	0.408	0.438	0.440	0.435	5.84
4)	C	Vinyl Chloride	0.591	0.567	0.525	0.538	0.543	0.528	0.549	4.64#
5)	T	Bromomethane	0.402	0.371	0.350	0.358	0.364	0.358	0.367	5.06
6)	T	Chloroethane	0.382	0.361	0.340	0.355	0.362	0.354	0.359	3.85
7)	T	Trichlorofluor...	0.420	0.416	0.392	0.459	0.442	0.452	0.430	5.87
8)	T	Diethyl Ether	0.376	0.359	0.337	0.340	0.351	0.348	0.352	4.00
9)	T	1,1,2-Trichlor...	0.506	0.495	0.438	0.467	0.458	0.449	0.469	5.65
10)	T	Methyl Iodide	0.771	0.762	0.725	0.744	0.781	0.747	0.755	2.68
11)	T	Tert butyl alc...	0.055	0.063	0.057	0.054	0.054	0.052	0.056	6.52
12)	CM	1,1-Dichloroet...	0.576	0.541	0.506	0.540	0.539	0.523	0.537	4.33#
13)	T	Acrolein	0.095	0.095	0.096	0.090	0.094	0.092	0.094	2.32
14)	T	Allyl chloride	1.051	1.034	0.979	1.041	1.065	1.031	1.034	2.84
15)	T	Acrylonitrile	0.208	0.208	0.197	0.203	0.204	0.200	0.203	2.19
16)	T	Acetone	0.216	0.194	0.183	0.186	0.190	0.188	0.193	6.27
17)	T	Carbon Disulfide	1.604	1.574	1.497	1.608	1.644	1.603	1.588	3.14
18)	T	Methyl Acetate	0.486	0.494	0.459	0.463	0.476	0.487	0.478	2.92
19)	T	Methyl tert-bu...	1.186	1.163	1.107	1.139	1.126	1.076	1.133	3.47
20)	T	Methylene Chlo...	0.789	0.741	0.682	0.640	0.658	0.629	0.690	9.09
21)	T	trans-1,2-Dich...	0.646	0.619	0.596	0.603	0.624	0.598	0.615	3.07
22)	T	Diisopropyl ether	2.154	2.132	2.078	2.085	2.134	2.043	2.104	2.01
23)	T	Vinyl Acetate	1.416	1.434	1.406	1.460	1.493	1.440	1.442	2.19
24)	P	1,1-Dichloroet...	1.217	1.156	1.091	1.148	1.168	1.138	1.153	3.55
25)	T	2-Butanone	0.292	0.288	0.282	0.280	0.284	0.278	0.284	1.87
26)	T	2,2-Dichloropr...	0.719	0.681	0.616	0.619	0.629	0.592	0.643	7.38
27)	T	cis-1,2-Dichlo...	0.764	0.727	0.713	0.729	0.748	0.723	0.734	2.53
28)	T	Bromochloromet...	0.606	0.563	0.533	0.502	0.538	0.527	0.545	6.59
29)	T	Tetrahydrofuran	0.184	0.182	0.178	0.181	0.182	0.175	0.180	1.71
30)	C	Chloroform	1.164	1.165	1.089	1.109	1.141	1.103	1.129	2.89#
31)	T	Cyclohexane	1.236	1.141	1.016	1.027	1.003	0.976	1.066	9.46
32)	T	1,1,1-Trichlor...	0.831	0.820	0.776	0.817	0.817	0.777	0.806	2.94
33)	S	1,2-Dichloroet...	0.691	0.654	0.647	0.605	0.640	0.630	0.645	4.39
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.314	0.302	0.305	0.287	0.297	0.291	0.299	3.29
36)	T	1,1-Dichloropr...	0.435	0.447	0.436	0.455	0.436	0.437	0.441	1.89
37)	T	Ethyl Acetate	0.315	0.347	0.333	0.337	0.320	0.317	0.328	3.95
38)	T	Carbon Tetrach...	0.392	0.398	0.386	0.399	0.386	0.391	0.392	1.41
39)	T	Methylcyclohexane	0.560	0.575	0.562	0.598	0.562	0.572	0.571	2.55
40)	TM	Benzene	1.410	1.473	1.410	1.437	1.413	1.380	1.420	2.22
41)	T	Methacrylonitrile	0.161	0.174	0.193	0.187	0.182	0.184	0.180	6.34
42)	TM	1,2-Dichloroet...	0.425	0.423	0.416	0.421	0.409	0.409	0.417	1.70
43)	T	Isopropyl Acetate	0.556	0.583	0.575	0.604	0.581	0.586	0.581	2.68
44)	TM	Trichloroethene	0.336	0.340	0.327	0.335	0.323	0.323	0.331	2.20
45)	C	1,2-Dichloropr...	0.356	0.360	0.354	0.356	0.350	0.346	0.354	1.37#
46)	T	Dibromomethane	0.207	0.210	0.210	0.211	0.202	0.200	0.207	2.36
47)	T	Bromodichlorom...	0.460	0.469	0.456	0.482	0.481	0.482	0.471	2.46
48)	T	Methyl methacr...	0.261	0.261	0.261	0.303	0.275	0.295	0.276	6.80
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	3.45
50)	S	Toluene-d8	1.171	1.176	1.152	1.130	1.136	1.125	1.148	1.87
51)	T	4-Methyl-2-Pen...	0.304	0.329	0.330	0.336	0.317	0.311	0.321	3.90
52)	CM	Toluene	0.875	0.896	0.870	0.894	0.870	0.859	0.877	1.69#
53)	T	t-1,3-Dichloro...	0.445	0.481	0.469	0.504	0.508	0.507	0.486	5.23
54)	T	cis-1,3-Dichlo...	0.531	0.553	0.556	0.579	0.576	0.574	0.562	3.24
55)	T	1,1,2-Trichlor...	0.288	0.283	0.282	0.293	0.278	0.277	0.284	2.14
56)	T	Ethyl methacry...	0.389	0.428	0.436	0.458	0.449	0.450	0.435	5.71

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W111025S.M

57)	T	1,3-Dichloropr...	0.495	0.517	0.512	0.523	0.497	0.495	0.506	2.43
58)	T	2-Chloroethyl ...	0.218	0.236	0.237	0.226	0.238	0.235	0.232	3.45
59)	T	2-Hexanone	0.223	0.245	0.241	0.244	0.231	0.226	0.235	4.02
60)	T	Dibromochlorom...	0.306	0.317	0.314	0.320	0.320	0.322	0.317	1.86
61)	T	1,2-Dibromoethane	0.261	0.292	0.279	0.281	0.272	0.272	0.276	3.84
62)	S	4-Bromofluorob...	0.444	0.444	0.454	0.415	0.426	0.421	0.434	3.56
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.298	0.304	0.285	0.300	0.303	0.287	0.296	2.79
65)	PM	Chlorobenzene	1.087	1.088	1.042	1.133	1.093	1.023	1.078	3.68
66)	T	1,1,1,2-Tetrac...	0.338	0.328	0.324	0.339	0.346	0.327	0.334	2.52
67)	C	Ethyl Benzene	1.875	1.853	1.822	1.943	1.915	1.779	1.865	3.23#
68)	T	m/p-Xylenes	0.692	0.713	0.679	0.732	0.708	0.677	0.700	3.02
69)	T	o-Xylene	0.668	0.659	0.662	0.682	0.699	0.653	0.670	2.54
70)	T	Styrene	1.104	1.146	1.132	1.208	1.212	1.118	1.153	4.01
71)	P	Bromoform	0.187	0.201	0.193	0.203	0.205	0.196	0.198	3.53
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.523	3.562	3.511	3.968	3.781	3.689	3.672	4.87
74)	T	N-amyl acetate	1.175	1.202	1.245	1.403	1.334	1.298	1.276	6.70
75)	P	1,1,2,2-Tetrac...	0.886	0.869	0.845	0.927	0.871	0.831	0.871	3.84
76)	T	1,2,3-Trichlor...	0.735	0.749	0.730	0.671	0.621	0.606	0.686	9.02
77)	T	Bromobenzene	0.877	0.865	0.811	0.942	0.863	0.860	0.869	4.86
78)	T	n-propylbenzene	4.287	4.362	4.312	4.819	4.565	4.488	4.472	4.48
79)	T	2-Chlorotoluene	2.669	2.699	2.630	2.874	2.789	2.719	2.730	3.23
80)	T	1,3,5-Trimethy...	2.919	2.983	2.969	3.242	3.086	2.978	3.030	3.87
81)	T	trans-1,4-Dich...	0.263	0.281	0.277	0.328	0.323	0.325	0.299	9.73
82)	T	4-Chlorotoluene	2.804	2.776	2.752	3.008	2.858	2.837	2.839	3.22
83)	T	tert-Butylbenzene	2.567	2.531	2.515	2.880	2.687	2.632	2.635	5.17
84)	T	1,2,4-Trimethy...	3.047	3.050	2.963	3.291	3.071	3.067	3.081	3.56
85)	T	sec-Butylbenzene	3.938	3.846	3.784	4.197	3.902	3.883	3.925	3.65
86)	T	p-Isopropyltol...	3.148	3.210	3.114	3.434	3.289	3.249	3.241	3.53
87)	T	1,3-Dichlorobe...	1.665	1.630	1.620	1.721	1.659	1.596	1.648	2.66
88)	T	1,4-Dichlorobe...	1.776	1.680	1.644	1.774	1.658	1.602	1.689	4.24
89)	T	n-Butylbenzene	3.059	3.073	3.087	3.388	3.184	3.206	3.166	3.94
90)	T	Hexachloroethane	0.563	0.564	0.540	0.624	0.598	0.617	0.584	5.77
91)	T	1,2-Dichlorobe...	1.547	1.528	1.464	1.545	1.509	1.488	1.513	2.19
92)	T	1,2-Dibromo-3-...	0.145	0.146	0.145	0.159	0.152	0.154	0.150	3.85
93)	T	1,2,4-Trichlor...	0.943	0.917	0.923	1.032	0.972	0.992	0.963	4.62
94)	T	Hexachlorobuta...	0.408	0.386	0.366	0.422	0.404	0.414	0.400	5.17
95)	T	Naphthalene	2.182	2.294	2.276	2.598	2.586	2.472	2.401	7.29
96)	T	1,2,3-Trichlor...	0.892	0.831	0.836	0.901	0.880	0.906	0.874	3.76

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032406.D
Acq On : 10 Nov 2025 15:11
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:33:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	446044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	861919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	746442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	357631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	30808	5.357	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	10.720%#		
35) Dibromofluoromethane	7.904	113	27089	5.249	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.500%#		
50) Toluene-d8	10.325	98	100946	5.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	10.200%#		
62) 4-Bromofluorobenzene	12.617	95	38253	5.115	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.220%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	12853m	5.626	ug/l	
3) Chloromethane	2.253	50	21252	5.479	ug/l	96
4) Vinyl Chloride	2.405	62	26343	5.381	ug/l	97
5) Bromomethane	2.826	94	17936	5.477	ug/l	86
6) Chloroethane	2.978	64	17036	5.319	ug/l	99
7) Trichlorofluoromethane	3.308	101	18735	4.881	ug/l	94
8) Diethyl Ether	3.716	74	16754	5.339	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	22551	5.394	ug/l	98
10) Methyl Iodide	4.307	142	34394	5.107	ug/l	99
11) Tert butyl alcohol	5.216	59	12284	24.704	ug/l #	94
12) 1,1-Dichloroethene	4.076	96	25678	5.356	ug/l	98
13) Acrolein	3.929	56	21243	25.462	ug/l	97
14) Allyl chloride	4.710	41	46866	5.083	ug/l	98
15) Acrylonitrile	5.405	53	46350	25.546	ug/l	99
16) Acetone	4.161	43	48252	28.046	ug/l	93
17) Carbon Disulfide	4.417	76	71547	5.049	ug/l	98
18) Methyl Acetate	4.716	43	21679	5.089	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	52903	5.235	ug/l	96
20) Methylene Chloride	4.954	84	35179	5.718	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	28795	5.253	ug/l	96
22) Diisopropyl ether	6.338	45	96076	5.118	ug/l	94
23) Vinyl Acetate	6.289	43	315880	24.561	ug/l	99
24) 1,1-Dichloroethane	6.246	63	54281	5.278	ug/l	99
25) 2-Butanone	7.197	43	65204	25.725	ug/l	95
26) 2,2-Dichloropropane	7.191	77	32052	5.592	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	34097	5.205	ug/l	96
28) Bromochloromethane	7.532	49	27041	5.563	ug/l	98
29) Tetrahydrofuran	7.557	42	41010	25.492	ug/l	98
30) Chloroform	7.691	83	51922	5.157	ug/l	98
31) Cyclohexane	7.965	56	55149	5.797	ug/l #	75
32) 1,1,1-Trichloroethane	7.886	97	37069	5.154	ug/l	97
36) 1,1-Dichloropropene	8.093	75	37460	4.927	ug/l	96
37) Ethyl Acetate	7.276	43	27118	4.796	ug/l	96
38) Carbon Tetrachloride	8.087	117	33800	5.003	ug/l	95
39) Methylcyclohexane	9.343	83	48247	4.898	ug/l	97
40) Benzene	8.337	78	121492	4.962	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032406.D
Acq On : 10 Nov 2025 15:11
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:33:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	13857	4.462	ug/l		93
42) 1,2-Dichloroethane	8.410	62	36648	5.095	ug/l		100
43) Isopropyl Acetate	8.435	43	47925	4.787	ug/l		98
44) Trichloroethene	9.099	130	28965	5.084	ug/l		92
45) 1,2-Dichloropropane	9.374	63	30643	5.026	ug/l		97
46) Dibromomethane	9.465	93	17884	5.020	ug/l		98
47) Bromodichloromethane	9.648	83	39690	4.884	ug/l		96
48) Methyl methacrylate	9.441	41	22511	4.732	ug/l		98
49) 1,4-Dioxane	9.465	88	4928	98.734	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.209	43	130944	23.659	ug/l		99
52) Toluene	10.392	92	75426	4.987	ug/l		97
53) t-1,3-Dichloropropene	10.605	75	38349	4.582	ug/l		97
54) cis-1,3-Dichloropropene	10.081	75	45809	4.733	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	24841	5.082	ug/l		95
56) Ethyl methacrylate	10.648	69	33566	4.476	ug/l		97
57) 1,3-Dichloropropane	10.934	76	42638	4.884	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	93963	23.527	ug/l		97
59) 2-Hexanone	10.971	43	96031	23.716	ug/l		99
60) Dibromochloromethane	11.129	129	26381	4.833	ug/l		99
61) 1,2-Dibromoethane	11.233	107	22493	4.725	ug/l		97
64) Tetrachloroethene	10.867	164	22220	5.027	ug/l		93
65) Chlorobenzene	11.660	112	81174	5.045	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	25207	5.063	ug/l		99
67) Ethyl Benzene	11.727	91	139985	5.029	ug/l		98
68) m/p-Xylenes	11.837	106	103326	9.886	ug/l		99
69) o-Xylene	12.166	106	49846	4.981	ug/l		99
70) Styrene	12.178	104	82403	4.787	ug/l		98
71) Bromoform	12.343	173	13933	4.724	ug/l	#	99
73) Isopropylbenzene	12.458	105	125978	4.796	ug/l		100
74) N-amyl acetate	12.269	43	42020	4.604	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	31677	5.082	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	26298m	5.362	ug/l		
77) Bromobenzene	12.745	156	31353	5.042	ug/l		99
78) n-propylbenzene	12.800	91	153312	4.793	ug/l		99
79) 2-Chlorotoluene	12.891	91	95466	4.889	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	104405	4.818	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	9398	4.390	ug/l		88
82) 4-Chlorotoluene	12.983	91	100291	4.938	ug/l		97
83) tert-Butylbenzene	13.202	119	91812	4.871	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	108985	4.945	ug/l		100
85) sec-Butylbenzene	13.379	105	140828	5.016	ug/l		97
86) p-Isopropyltoluene	13.495	119	112594	4.858	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	59538	5.050	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	63512	5.258	ug/l		96
89) n-Butylbenzene	13.818	91	109389	4.831	ug/l		98
90) Hexachloroethane	14.092	117	20141	4.819	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	55317	5.111	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	5174	4.818	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	33710	4.894	ug/l		95
94) Hexachlorobutadiene	15.220	225	14601	5.103	ug/l		91
95) Naphthalene	15.360	128	78029	4.543	ug/l		100
96) 1,2,3-Trichlorobenzene	15.543	180	31907	5.102	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032406.D
Acq On : 10 Nov 2025 15:11
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:33:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

ICAL Form

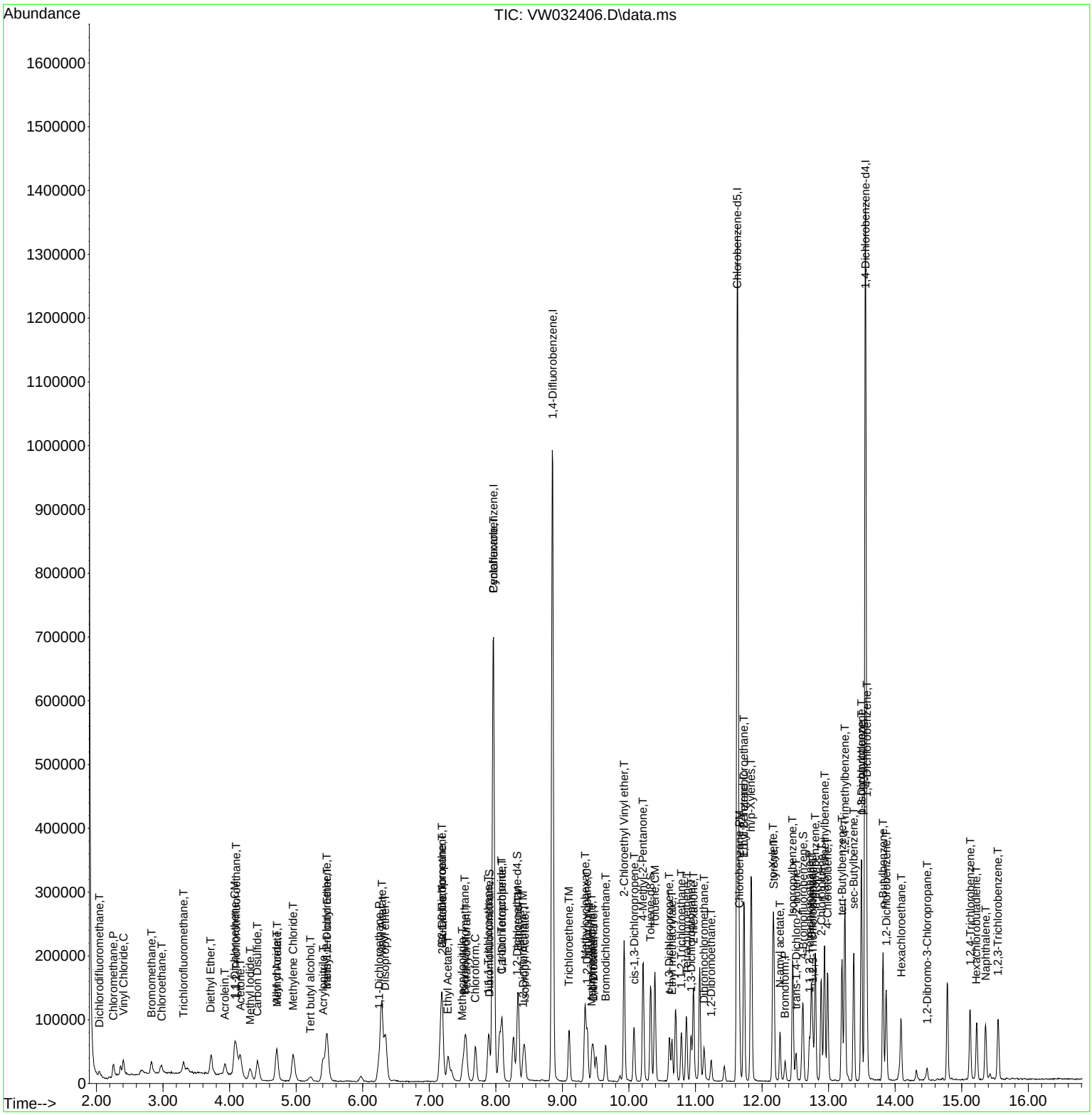
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032406.D
Acq On : 10 Nov 2025 15:11
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 03:33:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032407.D
Acq On : 10 Nov 2025 15:33
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:34:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	450836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	819351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	741941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	349708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	59003	10.151	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	20.300%#		
35) Dibromofluoromethane	7.904	113	49546	10.100	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	20.200%#		
50) Toluene-d8	10.325	98	192718	10.240	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	20.480%#		
62) 4-Bromofluorobenzene	12.617	95	72758	10.234	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	20.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	25392m	10.997	ug/l	
3) Chloromethane	2.253	50	39572	10.093	ug/l	99
4) Vinyl Chloride	2.405	62	51167	10.341	ug/l	95
5) Bromomethane	2.826	94	33455	10.108	ug/l	92
6) Chloroethane	2.972	64	32585	10.065	ug/l	98
7) Trichlorofluoromethane	3.308	101	37511	9.669	ug/l	98
8) Diethyl Ether	3.722	74	32396	10.214	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	44628	10.560	ug/l	99
10) Methyl Iodide	4.313	142	68681	10.090	ug/l	100
11) Tert butyl alcohol	5.216	59	28210	56.129	ug/l	100
12) 1,1-Dichloroethene	4.076	96	48802	10.071	ug/l	99
13) Acrolein	3.935	56	42661	50.591	ug/l	99
14) Allyl chloride	4.710	41	93239	10.005	ug/l	99
15) Acrylonitrile	5.405	53	93953	51.232	ug/l	99
16) Acetone	4.161	43	87310	50.210	ug/l	97
17) Carbon Disulfide	4.417	76	141915	9.909	ug/l	97
18) Methyl Acetate	4.710	43	44520	10.339	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	104889	10.268	ug/l	95
20) Methylene Chloride	4.954	84	66798	10.741	ug/l	100
21) trans-1,2-Dichloroethene	5.466	96	55842	10.078	ug/l	97
22) Diisopropyl ether	6.337	45	192206	10.130	ug/l	96
23) Vinyl Acetate	6.283	43	646655	49.745	ug/l	97
24) 1,1-Dichloroethane	6.246	63	104196	10.023	ug/l	98
25) 2-Butanone	7.197	43	129968	50.732	ug/l	98
26) 2,2-Dichloropropane	7.191	77	61367	10.593	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	65574	9.904	ug/l	95
28) Bromochloromethane	7.532	49	50794	10.338	ug/l	99
29) Tetrahydrofuran	7.551	42	81885	50.359	ug/l	99
30) Chloroform	7.697	83	105045	10.322	ug/l	98
31) Cyclohexane	7.965	56	102879	10.699	ug/l #	92
32) 1,1,1-Trichloroethane	7.892	97	73948	10.172	ug/l	98
36) 1,1-Dichloropropene	8.099	75	73275	10.138	ug/l	97
37) Ethyl Acetate	7.276	43	56863	10.580	ug/l	98
38) Carbon Tetrachloride	8.081	117	65150	10.144	ug/l	92
39) Methylcyclohexane	9.343	83	94305	10.071	ug/l	86
40) Benzene	8.337	78	241413	10.371	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032407.D
Acq On : 10 Nov 2025 15:33
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:34:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	28465	9.641	ug/l		94
42) 1,2-Dichloroethane	8.416	62	69346	10.143	ug/l		99
43) Isopropyl Acetate	8.435	43	95514	10.036	ug/l		99
44) Trichloroethene	9.099	130	55649	10.274	ug/l		93
45) 1,2-Dichloropropane	9.374	63	59038	10.186	ug/l		98
46) Dibromomethane	9.471	93	34419	10.162	ug/l		97
47) Bromodichloromethane	9.648	83	76814	9.942	ug/l		95
48) Methyl methacrylate	9.441	41	42787	9.461	ug/l		95
49) 1,4-Dioxane	9.465	88	9540	201.067	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.215	43	269178	51.163	ug/l		99
52) Toluene	10.392	92	146853	10.214	ug/l		99
53) t-1,3-Dichloropropene	10.605	75	78747	9.897	ug/l		97
54) cis-1,3-Dichloropropene	10.081	75	90589	9.845	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	46448	9.997	ug/l		94
56) Ethyl methacrylate	10.648	69	70122	9.836	ug/l		99
57) 1,3-Dichloropropane	10.934	76	84750	10.213	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	193282	50.910	ug/l		99
59) 2-Hexanone	10.971	43	200376	52.056	ug/l		99
60) Dibromochloromethane	11.129	129	51945	10.011	ug/l		98
61) 1,2-Dibromoethane	11.239	107	47906	10.586	ug/l		94
64) Tetrachloroethene	10.861	164	45145	10.275	ug/l		94
65) Chlorobenzene	11.660	112	161494	10.099	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.727	131	48692	9.839	ug/l		98
67) Ethyl Benzene	11.733	91	275018	9.939	ug/l		98
68) m/p-Xylenes	11.836	106	211539	20.362	ug/l		97
69) o-Xylene	12.166	106	97756	9.827	ug/l		100
70) Styrene	12.178	104	170000	9.935	ug/l		99
71) Bromoform	12.343	173	29843	10.181	ug/l	#	92
73) Isopropylbenzene	12.464	105	249133	9.700	ug/l		98
74) N-amyl acetate	12.269	43	84064	9.419	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	60803	9.975	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	52388m	10.924	ug/l		
77) Bromobenzene	12.745	156	60481	9.946	ug/l		97
78) n-propylbenzene	12.800	91	305079	9.754	ug/l		99
79) 2-Chlorotoluene	12.891	91	188782	9.887	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	208642	9.847	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	19619	9.371	ug/l		94
82) 4-Chlorotoluene	12.989	91	194147	9.776	ug/l		97
83) tert-Butylbenzene	13.202	119	176992	9.602	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	213291	9.897	ug/l		99
85) sec-Butylbenzene	13.379	105	268972	9.798	ug/l		99
86) p-Isopropyltoluene	13.495	119	224526	9.906	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	113975	9.886	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	117480	9.946	ug/l		93
89) n-Butylbenzene	13.818	91	214914	9.705	ug/l		100
90) Hexachloroethane	14.086	117	39430	9.649	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	106855	10.096	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10231	9.743	ug/l		99
93) 1,2,4-Trichlorobenzene	15.123	180	64111	9.519	ug/l		94
94) Hexachlorobutadiene	15.226	225	27012	9.655	ug/l		92
95) Naphthalene	15.360	128	160481	9.555	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	58107	9.503	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032407.D
Acq On : 10 Nov 2025 15:33
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:34:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

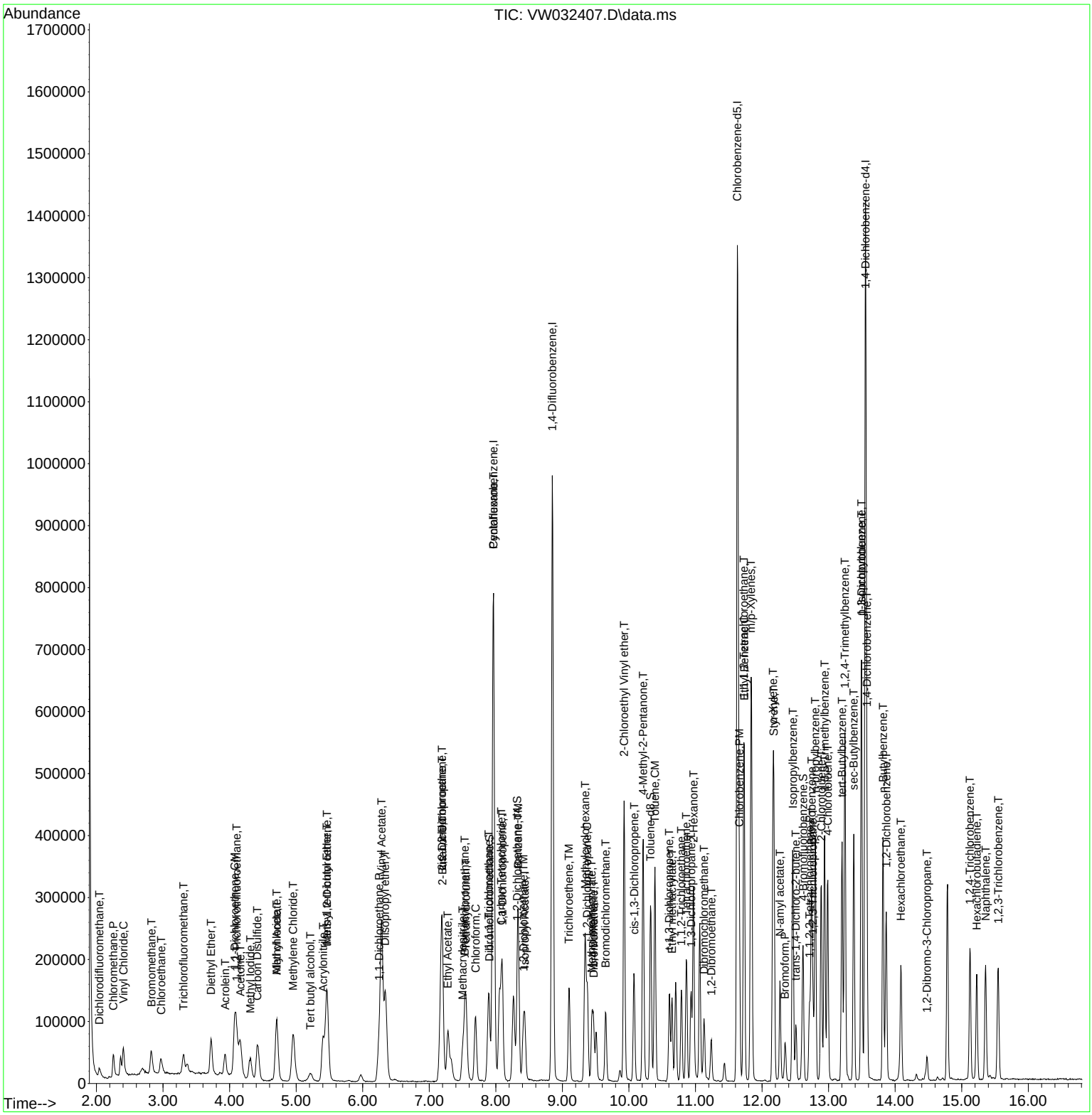
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032407.D
Acq On : 10 Nov 2025 15:33
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 03:34:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032408.D
Acq On : 10 Nov 2025 15:55
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:35:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	457584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	816489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	742729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	346736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	118510	20.089	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	40.180%#		
35) Dibromofluoromethane	7.904	113	99490	20.352	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	40.700%#		
50) Toluene-d8	10.325	98	376146	20.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	40.120%#		
62) 4-Bromofluorobenzene	12.617	95	148179	20.916	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	41.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	42243	18.026	ug/l	90
3) Chloromethane	2.253	50	74640	18.757	ug/l	98
4) Vinyl Chloride	2.405	62	96045	19.124	ug/l	100
5) Bromomethane	2.820	94	64010	19.054	ug/l	97
6) Chloroethane	2.966	64	62143	18.913	ug/l	100
7) Trichlorofluoromethane	3.308	101	71828	18.242	ug/l	88
8) Diethyl Ether	3.722	74	61770	19.188	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	80209	18.700	ug/l	99
10) Methyl Iodide	4.314	142	132689	19.207	ug/l	100
11) Tert butyl alcohol	5.216	59	51729	101.406	ug/l	99
12) 1,1-Dichloroethene	4.076	96	92526	18.812	ug/l	99
13) Acrolein	3.929	56	87436	102.160	ug/l	99
14) Allyl chloride	4.704	41	179218	18.948	ug/l	98
15) Acrylonitrile	5.405	53	180486	96.966	ug/l	99
16) Acetone	4.161	43	167175	94.720	ug/l	99
17) Carbon Disulfide	4.417	76	274085	18.855	ug/l	98
18) Methyl Acetate	4.716	43	84037	19.228	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	202532	19.535	ug/l	96
20) Methylene Chloride	4.948	84	124826	19.777	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	109177	19.413	ug/l	98
22) Diisopropyl ether	6.344	45	380288	19.748	ug/l	94
23) Vinyl Acetate	6.283	43	1286472	97.505	ug/l	99
24) 1,1-Dichloroethane	6.246	63	199778	18.935	ug/l	98
25) 2-Butanone	7.197	43	257973	99.213	ug/l	97
26) 2,2-Dichloropropane	7.185	77	112678	19.163	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	130563	19.430	ug/l	99
28) Bromochloromethane	7.532	49	97569	19.566	ug/l	98
29) Tetrahydrofuran	7.551	42	162726	98.600	ug/l	99
30) Chloroform	7.691	83	199398	19.305	ug/l	99
31) Cyclohexane	7.971	56	186039	19.062	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	142015	19.247	ug/l	99
36) 1,1-Dichloropropene	8.099	75	142545	19.790	ug/l	99
37) Ethyl Acetate	7.276	43	108602	20.277	ug/l	100
38) Carbon Tetrachloride	8.087	117	126114	19.706	ug/l	98
39) Methylcyclohexane	9.343	83	183430	19.658	ug/l	93
40) Benzene	8.337	78	460390	19.848	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032408.D
Acq On : 10 Nov 2025 15:55
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:35:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	63058	21.432	ug/l		95
42) 1,2-Dichloroethane	8.410	62	135836	19.937	ug/l		100
43) Isopropyl Acetate	8.435	43	187892	19.812	ug/l		99
44) Trichloroethene	9.099	130	106920	19.809	ug/l		99
45) 1,2-Dichloropropane	9.374	63	115560	20.008	ug/l		99
46) Dibromomethane	9.465	93	68601	20.326	ug/l		98
47) Bromodichloromethane	9.654	83	148808	19.328	ug/l		96
48) Methyl methacrylate	9.441	41	85216	18.909	ug/l		93
49) 1,4-Dioxane	9.465	88	18879	399.292	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.215	43	538488	102.710	ug/l		99
52) Toluene	10.392	92	284143	19.832	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	153300	19.334	ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	181723	19.819	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	92074	19.886	ug/l		96
56) Ethyl methacrylate	10.648	69	142352	20.038	ug/l		99
57) 1,3-Dichloropropane	10.934	76	167175	20.216	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	386317	102.111	ug/l		100
59) 2-Hexanone	10.971	43	392754	102.391	ug/l		99
60) Dibromochloromethane	11.129	129	102649	19.852	ug/l		96
61) 1,2-Dibromoethane	11.239	107	91235	20.231	ug/l		99
64) Tetrachloroethene	10.867	164	84673	19.251	ug/l		94
65) Chlorobenzene	11.660	112	309433	19.329	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	96211	19.420	ug/l		100
67) Ethyl Benzene	11.733	91	541238	19.540	ug/l		98
68) m/p-Xylenes	11.837	106	403489	38.797	ug/l		98
69) o-Xylene	12.166	106	196711	19.754	ug/l		98
70) Styrene	12.178	104	336202	19.626	ug/l		100
71) Bromoform	12.349	173	57398	19.560	ug/l		91
73) Isopropylbenzene	12.458	105	486953	19.122	ug/l		100
74) N-amyl acetate	12.269	43	172679	19.514	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	117227	19.397	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	101298m	21.304	ug/l		
77) Bromobenzene	12.745	156	112433	18.648	ug/l		91
78) n-propylbenzene	12.800	91	598062	19.285	ug/l		100
79) 2-Chlorotoluene	12.891	91	364742	19.266	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	411841	19.603	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	38383	18.491	ug/l		94
82) 4-Chlorotoluene	12.983	91	381756	19.388	ug/l		99
83) tert-Butylbenzene	13.202	119	348802	19.086	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	410945	19.231	ug/l		98
85) sec-Butylbenzene	13.379	105	524886	19.284	ug/l		99
86) p-Isopropyltoluene	13.495	119	431851	19.216	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	224644	19.651	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	227987	19.467	ug/l		97
89) n-Butylbenzene	13.818	91	428136	19.500	ug/l		99
90) Hexachloroethane	14.086	117	74845	18.472	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	202982	19.343	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	20157	19.361	ug/l		97
93) 1,2,4-Trichlorobenzene	15.129	180	127966	19.162	ug/l		97
94) Hexachlorobutadiene	15.226	225	50712	18.281	ug/l		86
95) Naphthalene	15.360	128	315603	18.952	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	115969	19.128	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032408.D
Acq On : 10 Nov 2025 15:55
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:35:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

ICAL Form

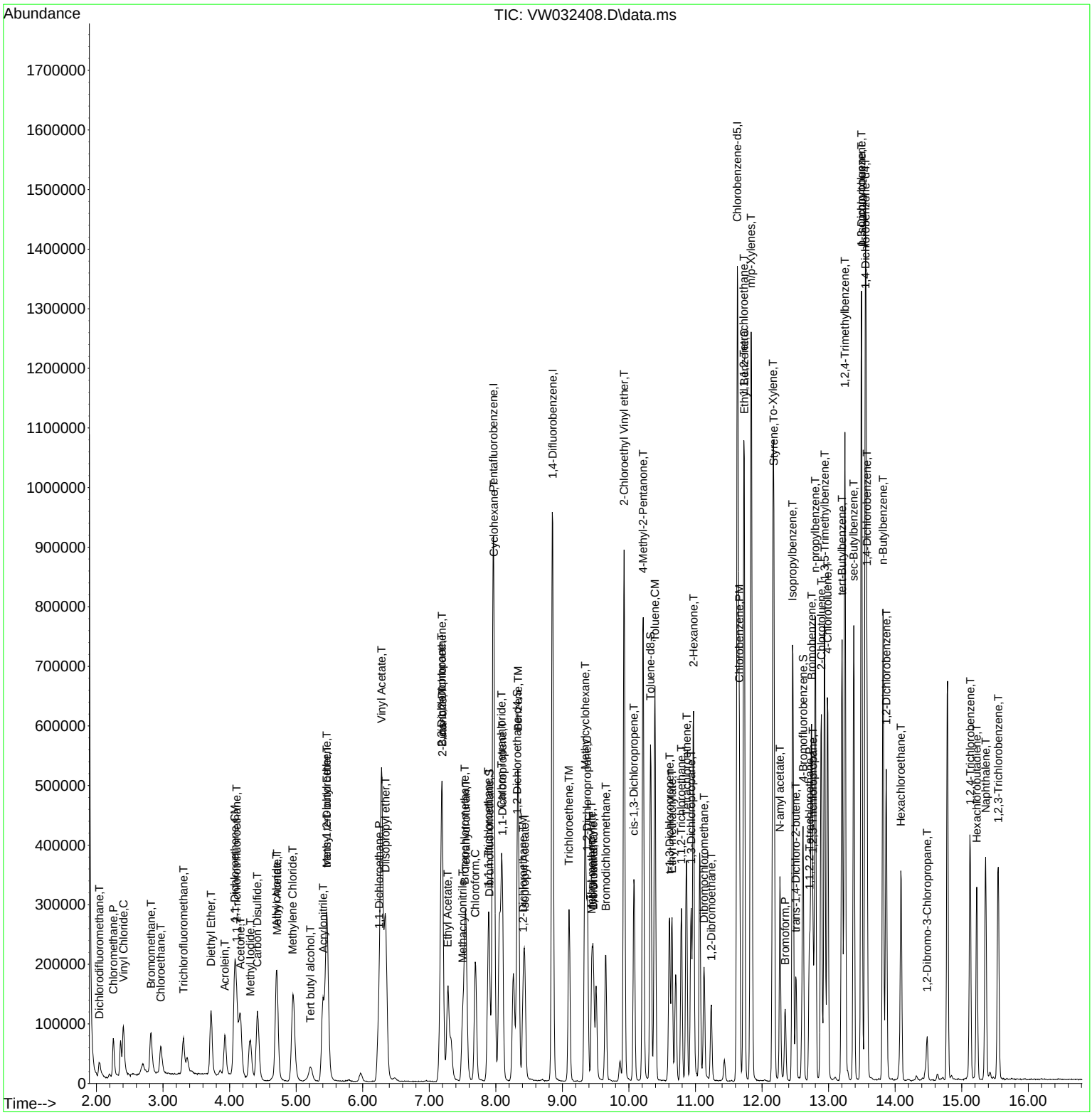
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032408.D
Acq On : 10 Nov 2025 15:55
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 03:35:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032409.D
Acq On : 10 Nov 2025 16:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:35:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	473870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	839187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	738113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	330535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	286867	46.956	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 93.920%			
35) Dibromofluoromethane	7.904	113	240784	47.923	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 95.840%			
50) Toluene-d8	10.325	98	948663	49.216	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.617	95	348133	47.811	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 95.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	117696	48.496	ug/l	100
3) Chloromethane	2.253	50	193400	46.930	ug/l	100
4) Vinyl Chloride	2.405	62	255152	49.059	ug/l	100
5) Bromomethane	2.826	94	169422	48.699	ug/l	100
6) Chloroethane	2.972	64	168250	49.446	ug/l	100
7) Trichlorofluoromethane	3.308	101	217703	53.389	ug/l	100
8) Diethyl Ether	3.722	74	161055	48.309	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	221350	49.832	ug/l	100
10) Methyl Iodide	4.307	142	352515	49.273	ug/l	100
11) Tert butyl alcohol	5.216	59	127100	240.595	ug/l	100
12) 1,1-Dichloroethene	4.082	96	255938	50.249	ug/l	100
13) Acrolein	3.929	56	213422	240.790	ug/l	100
14) Allyl chloride	4.704	41	493300	50.363	ug/l	100
15) Acrylonitrile	5.405	53	480718	249.389	ug/l	100
16) Acetone	4.161	43	440757	241.146	ug/l	100
17) Carbon Disulfide	4.423	76	761956	50.614	ug/l	100
18) Methyl Acetate	4.710	43	219594	48.517	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	539886	50.284	ug/l	100
20) Methylene Chloride	4.954	84	303080	46.367	ug/l	100
21) trans-1,2-Dichloroethene	5.466	96	285957	49.100	ug/l	100
22) Diisopropyl ether	6.337	45	987895	49.536	ug/l	100
23) Vinyl Acetate	6.283	43	3459955	253.227	ug/l	100
24) 1,1-Dichloroethane	6.246	63	543885	49.778	ug/l	100
25) 2-Butanone	7.191	43	663205	246.293	ug/l	100
26) 2,2-Dichloropropane	7.185	77	293455	48.192	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	345581	49.660	ug/l	100
28) Bromochloromethane	7.532	49	237900	46.067	ug/l	100
29) Tetrahydrofuran	7.551	42	429579	251.347	ug/l	100
30) Chloroform	7.691	83	525290	49.110	ug/l	100
31) Cyclohexane	7.971	56	486431	48.128	ug/l	100
32) 1,1,1-Trichloroethane	7.892	97	387016	50.649	ug/l	100
36) 1,1-Dichloropropene	8.099	75	382172	51.624	ug/l	100
37) Ethyl Acetate	7.270	43	283001	51.410	ug/l	100
38) Carbon Tetrachloride	8.081	117	334794	50.897	ug/l	100
39) Methylcyclohexane	9.343	83	501951	52.340	ug/l	100
40) Benzene	8.337	78	1206225	50.596	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032409.D
Acq On : 10 Nov 2025 16:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:35:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	157157	51.970	ug/l		100
42) 1,2-Dichloroethane	8.410	62	353418	50.470	ug/l		100
43) Isopropyl Acetate	8.435	43	506886	52.003	ug/l		100
44) Trichloroethene	9.099	130	280938	50.643	ug/l		100
45) 1,2-Dichloropropane	9.374	63	298715	50.321	ug/l		100
46) Dibromomethane	9.465	93	177243	51.095	ug/l		100
47) Bromodichloromethane	9.654	83	404213	51.082	ug/l		100
48) Methyl methacrylate	9.441	41	254032	54.845	ug/l		100
49) 1,4-Dioxane	9.465	88	51534	1060.466	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.209	43	1411536	261.951	ug/l		100
52) Toluene	10.392	92	750381	50.957	ug/l		100
53) t-1,3-Dichloropropene	10.605	75	422565	51.852	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	485529	51.519	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	245652	51.620	ug/l		100
56) Ethyl methacrylate	10.648	69	384615	52.675	ug/l		100
57) 1,3-Dichloropropane	10.934	76	438483	51.590	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	947852	243.759	ug/l		100
59) 2-Hexanone	10.971	43	1024540	259.873	ug/l		100
60) Dibromochloromethane	11.129	129	268368	50.499	ug/l		100
61) 1,2-Dibromoethane	11.239	107	235648	50.842	ug/l		100
64) Tetrachloroethene	10.867	164	221732	50.729	ug/l		100
65) Chlorobenzene	11.654	112	836572	52.585	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	249919	50.760	ug/l		100
67) Ethyl Benzene	11.727	91	1434522	52.113	ug/l		100
68) m/p-Xylenes	11.836	106	1080126	104.508	ug/l		100
69) o-Xylene	12.166	106	503049	50.833	ug/l		100
70) Styrene	12.178	104	891578	52.373	ug/l		100
71) Bromoform	12.349	173	149754	51.352	ug/l		100
73) Isopropylbenzene	12.464	105	1311412	54.022	ug/l		100
74) N-amyl acetate	12.269	43	463709	54.971	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	306330	53.171	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	221825m	48.938	ug/l		
77) Bromobenzene	12.745	156	311375	54.174	ug/l		100
78) n-propylbenzene	12.800	91	1592697	53.874	ug/l		100
79) 2-Chlorotoluene	12.891	91	949870	52.633	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	1071434	53.498	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	108494	54.830	ug/l		100
82) 4-Chlorotoluene	12.983	91	994389	52.976	ug/l		100
83) tert-Butylbenzene	13.202	119	952056	54.647	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	1087654	53.395	ug/l		100
85) sec-Butylbenzene	13.379	105	1387291	53.468	ug/l		100
86) p-Isopropyltoluene	13.495	119	1135093	52.985	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	568988	52.213	ug/l		100
88) 1,4-Dichlorobenzene	13.574	146	586517	52.535	ug/l		100
89) n-Butylbenzene	13.818	91	1119974	53.512	ug/l		100
90) Hexachloroethane	14.086	117	206125	53.365	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	510688	51.050	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.482	75	52673	53.072	ug/l		100
93) 1,2,4-Trichlorobenzene	15.129	180	341171	53.593	ug/l		100
94) Hexachlorobutadiene	15.226	225	139533	52.766	ug/l		100
95) Naphthalene	15.360	128	858633	54.088	ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	297797	51.526	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032409.D
Acq On : 10 Nov 2025 16:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:35:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

ICAL Form

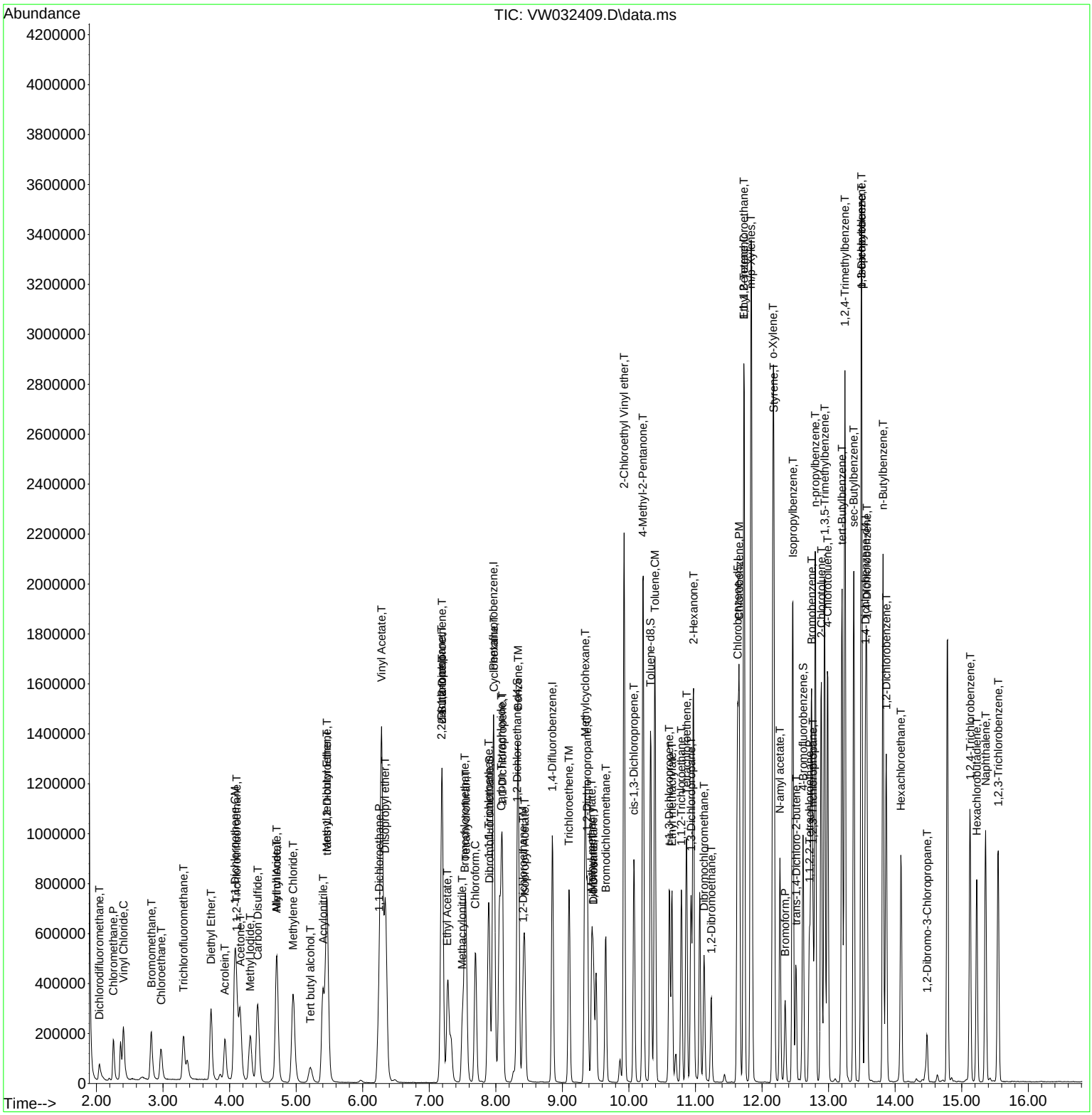
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032409.D
Acq On : 10 Nov 2025 16:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 11 03:35:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032410.D
Acq On : 10 Nov 2025 16:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	429725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	800384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	693653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	316801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	550189	99.309	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 198.620%#			
35) Dibromofluoromethane	7.898	113	474936	99.108	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 198.220%#			
50) Toluene-d8	10.324	98	1818950	98.942	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 197.880%#			
62) 4-Bromofluorobenzene	12.617	95	681369	98.113	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 196.220%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	209198	95.054	ug/l	97
3) Chloromethane	2.253	50	376296	100.692	ug/l	100
4) Vinyl Chloride	2.405	62	466906	98.996	ug/l	96
5) Bromomethane	2.820	94	312741	99.129	ug/l	99
6) Chloroethane	2.966	64	310998	100.786	ug/l	99
7) Trichlorofluoromethane	3.307	101	379643	102.667	ug/l	95
8) Diethyl Ether	3.722	74	301478	99.719	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	393269	97.631	ug/l	100
10) Methyl Iodide	4.307	142	670896	103.409	ug/l	97
11) Tert butyl alcohol	5.216	59	233477	487.365	ug/l	99
12) 1,1-Dichloroethene	4.076	96	462998	100.240	ug/l	98
13) Acrolein	3.929	56	403577	502.106	ug/l	100
14) Allyl chloride	4.703	41	915284	103.044	ug/l	99
15) Acrylonitrile	5.405	53	878664	502.664	ug/l	100
16) Acetone	4.161	43	816608	492.679	ug/l	99
17) Carbon Disulfide	4.417	76	1412864	103.493	ug/l	98
18) Methyl Acetate	4.710	43	409034	99.655	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	967405	99.359	ug/l	99
20) Methylene Chloride	4.953	84	565294	95.367	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	536141	101.514	ug/l	99
22) Diisopropyl ether	6.343	45	1834328	101.428	ug/l	93
23) Vinyl Acetate	6.282	43	6417015	517.894	ug/l	98
24) 1,1-Dichloroethane	6.246	63	1003793	101.307	ug/l	99
25) 2-Butanone	7.191	43	1219983	499.605	ug/l	99
26) 2,2-Dichloropropane	7.191	77	540572	97.893	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	642856	101.868	ug/l	99
28) Bromochloromethane	7.532	49	462255	98.707	ug/l	98
29) Tetrahydrofuran	7.551	42	781708	504.365	ug/l	100
30) Chloroform	7.697	83	980958	101.132	ug/l	98
31) Cyclohexane	7.971	56	861642	94.009	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	701923	101.298	ug/l	100
36) 1,1-Dichloropropene	8.099	75	697975	98.854	ug/l	99
37) Ethyl Acetate	7.270	43	511684	97.458	ug/l	99
38) Carbon Tetrachloride	8.087	117	617665	98.453	ug/l	98
39) Methylcyclohexane	9.343	83	898941	98.279	ug/l	93
40) Benzene	8.337	78	2261437	99.457	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032410.D
Acq On : 10 Nov 2025 16:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	292045	101.259	ug/l		98
42) 1,2-Dichloroethane	8.410	62	655360	98.125	ug/l		100
43) Isopropyl Acetate	8.434	43	929467	99.979	ug/l		100
44) Trichloroethene	9.099	130	516649	97.647	ug/l		94
45) 1,2-Dichloropropane	9.373	63	560668	99.027	ug/l		98
46) Dibromomethane	9.465	93	322963	97.615	ug/l		99
47) Bromodichloromethane	9.648	83	769561	101.968	ug/l		97
48) Methyl methacrylate	9.440	41	439533	99.494	ug/l		94
49) 1,4-Dioxane	9.459	88	92138	1987.934	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.215	43	2535868	493.417	ug/l		100
52) Toluene	10.391	92	1393077	99.188	ug/l		99
53) t-1,3-Dichloropropene	10.605	75	813483	104.660	ug/l		99
54) cis-1,3-Dichloropropene	10.074	75	921332	102.501	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	445589	98.174	ug/l		97
56) Ethyl methacrylate	10.648	69	718120	103.118	ug/l		99
57) 1,3-Dichloropropane	10.934	76	795798	98.169	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	1907914	514.445	ug/l		100
59) 2-Hexanone	10.971	43	1848731	491.662	ug/l		99
60) Dibromochloromethane	11.129	129	512808	101.174	ug/l		99
61) 1,2-Dibromoethane	11.239	107	434659	98.325	ug/l		99
64) Tetrachloroethene	10.867	164	419713	102.178	ug/l		93
65) Chlorobenzene	11.660	112	1515655	101.377	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.727	131	479510	103.634	ug/l		99
67) Ethyl Benzene	11.727	91	2656753	102.700	ug/l		99
68) m/p-Xylenes	11.836	106	1963495	202.156	ug/l		99
69) o-Xylene	12.166	106	969597	104.258	ug/l		97
70) Styrene	12.178	104	1681973	105.135	ug/l		99
71) Bromoform	12.348	173	284967	103.980	ug/l	#	98
73) Isopropylbenzene	12.464	105	2395772	102.968	ug/l		100
74) N-amyl acetate	12.269	43	845015	104.515	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	551839	99.938	ug/l		99
76) 1,2,3-Trichloropropane	12.769	75	393778m	90.639	ug/l		
77) Bromobenzene	12.745	156	546510	99.206	ug/l		92
78) n-propylbenzene	12.800	91	2892121	102.070	ug/l		99
79) 2-Chlorotoluene	12.891	91	1767116	102.163	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	1955044	101.850	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	204550	107.855	ug/l		97
82) 4-Chlorotoluene	12.989	91	1810987	100.663	ug/l		99
83) tert-Butylbenzene	13.202	119	1702452	101.956	ug/l		98
84) 1,2,4-Trimethylbenzene	13.251	105	1945604	99.654	ug/l		98
85) sec-Butylbenzene	13.379	105	2472114	99.408	ug/l		100
86) p-Isopropyltoluene	13.495	119	2083658	101.480	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	1051226	100.648	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	1050230	98.149	ug/l		99
89) n-Butylbenzene	13.818	91	2017115	100.554	ug/l		100
90) Hexachloroethane	14.092	117	379045	102.388	ug/l		97
91) 1,2-Dichlorobenzene	13.866	146	955867	99.694	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	96032	100.954	ug/l		97
93) 1,2,4-Trichlorobenzene	15.128	180	615828	100.931	ug/l		96
94) Hexachlorobutadiene	15.226	225	255953	100.987	ug/l		98
95) Naphthalene	15.360	128	1638729	107.703	ug/l		99
96) 1,2,3-Trichlorobenzene	15.543	180	557493	100.642	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032410.D
Acq On : 10 Nov 2025 16:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

ICAL Form

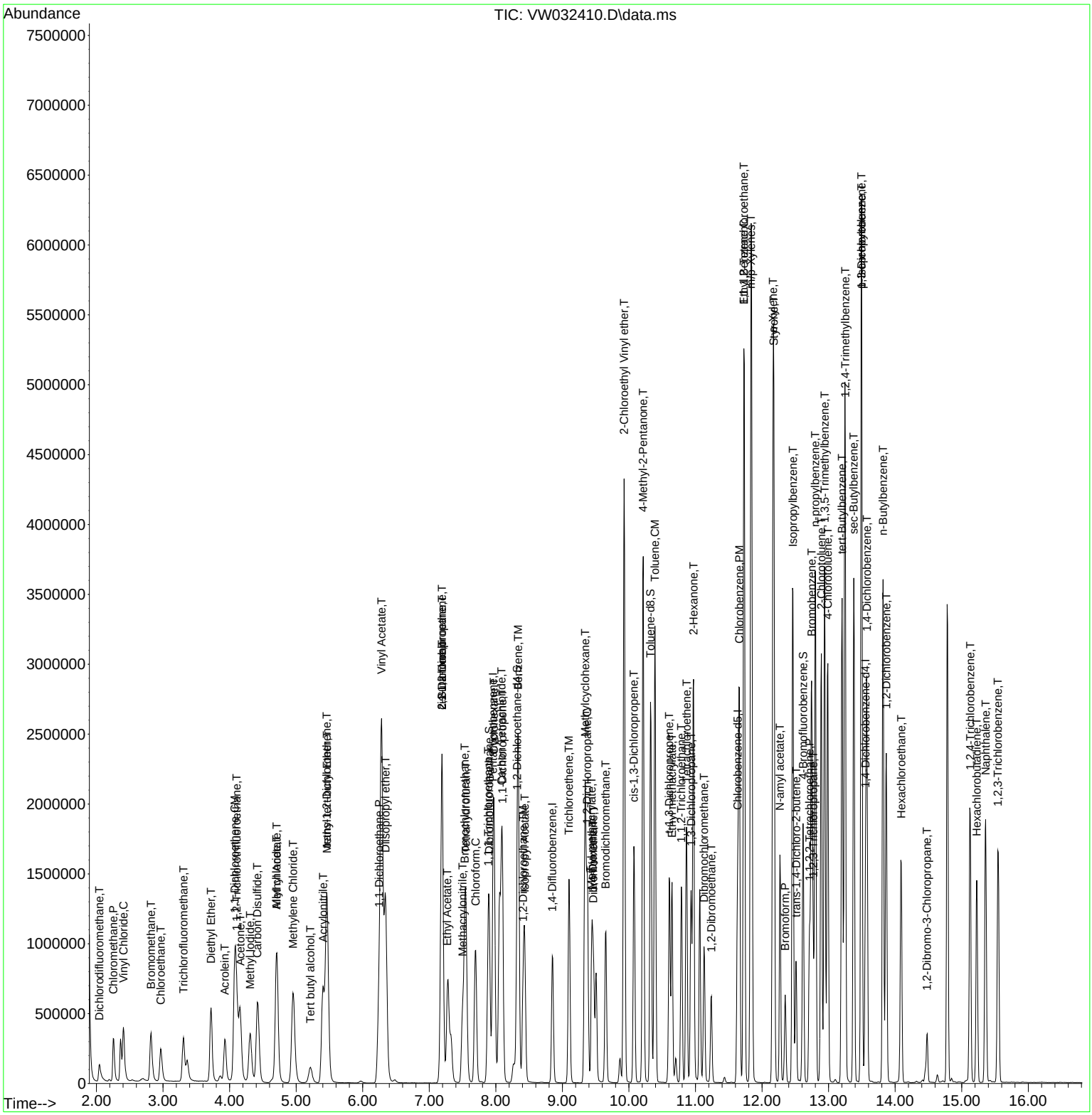
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032410.D
Acq On : 10 Nov 2025 16:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 11 03:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032411.D
Acq On : 10 Nov 2025 17:00
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:37:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	435986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	797552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	719357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	315359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	823539	146.514	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 293.020%#			
35) Dibromofluoromethane	7.904	113	696957	145.955	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 291.920%#			
50) Toluene-d8	10.325	98	2691800	146.940	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 293.880%#			
62) 4-Bromofluorobenzene	12.617	95	1007366	145.569	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 291.140%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	300485	134.572	ug/l	98
3) Chloromethane	2.253	50	575315	151.736	ug/l	99
4) Vinyl Chloride	2.405	62	690759	144.355	ug/l	100
5) Bromomethane	2.814	94	468539	146.379	ug/l	97
6) Chloroethane	2.966	64	463613	148.087	ug/l	100
7) Trichlorofluoromethane	3.308	101	591071	157.548	ug/l	95
8) Diethyl Ether	3.716	74	454616	148.213	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	586837	143.593	ug/l	100
10) Methyl Iodide	4.301	142	977057	148.436	ug/l	98
11) Tert butyl alcohol	5.216	59	341966	703.576	ug/l	99
12) 1,1-Dichloroethene	4.076	96	684456	146.058	ug/l	95
13) Acrolein	3.930	56	599820	735.542	ug/l	97
14) Allyl chloride	4.704	41	1348651	149.653	ug/l	99
15) Acrylonitrile	5.399	53	1304835	735.748	ug/l	100
16) Acetone	4.161	43	1231978	732.607	ug/l	98
17) Carbon Disulfide	4.417	76	2097048	151.404	ug/l	99
18) Methyl Acetate	4.704	43	637225	153.021	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	1407972	142.531	ug/l	98
20) Methylene Chloride	4.954	84	823132	136.871	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	782759	146.081	ug/l	96
22) Diisopropyl ether	6.338	45	2672365	145.645	ug/l	99
23) Vinyl Acetate	6.283	43	9418125	749.187	ug/l	99
24) 1,1-Dichloroethane	6.246	63	1487877	148.007	ug/l	99
25) 2-Butanone	7.191	43	1820645	734.880	ug/l	99
26) 2,2-Dichloropropane	7.185	77	774362	138.217	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	946132	147.772	ug/l	99
28) Bromochloromethane	7.533	49	689075	145.028	ug/l #	16
29) Tetrahydrofuran	7.551	42	1147539	729.769	ug/l	100
30) Chloroform	7.691	83	1443061	146.635	ug/l	99
31) Cyclohexane	7.972	56	1276256	137.246	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	1016260	144.555	ug/l	98
36) 1,1-Dichloropropene	8.093	75	1045183	148.554	ug/l	99
37) Ethyl Acetate	7.270	43	758180	144.920	ug/l	100
38) Carbon Tetrachloride	8.081	117	935129	149.585	ug/l	98
39) Methylcyclohexane	9.343	83	1368173	150.110	ug/l	94
40) Benzene	8.337	78	3302092	145.740	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032411.D
Acq On : 10 Nov 2025 17:00
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:37:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	439701	152.996	ug/l		98
42) 1,2-Dichloroethane	8.410	62	977444	146.870	ug/l		100
43) Isopropyl Acetate	8.435	43	1401399	151.278	ug/l		100
44) Trichloroethene	9.099	130	771901	146.409	ug/l		95
45) 1,2-Dichloropropane	9.374	63	828599	146.870	ug/l		98
46) Dibromomethane	9.465	93	477479	144.830	ug/l		97
47) Bromodichloromethane	9.648	83	1152120	153.199	ug/l		97
48) Methyl methacrylate	9.441	41	706671	160.532	ug/l		100
49) 1,4-Dioxane	9.459	88	132273	2864.004	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.209	43	3720409	726.470	ug/l		99
52) Toluene	10.392	92	2054324	146.788	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	1212474	156.547	ug/l		98
54) cis-1,3-Dichloropropene	10.075	75	1373940	153.398	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	661729	146.312	ug/l		98
56) Ethyl methacrylate	10.648	69	1077015	155.202	ug/l		99
57) 1,3-Dichloropropane	10.934	76	1184554	146.644	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	2815169	761.770	ug/l		100
59) 2-Hexanone	10.971	43	2707666	722.649	ug/l		99
60) Dibromochloromethane	11.130	129	771162	152.685	ug/l		98
61) 1,2-Dibromoethane	11.233	107	650672	147.713	ug/l		97
64) Tetrachloroethene	10.867	164	618662	145.230	ug/l		88
65) Chlorobenzene	11.654	112	2207255	142.361	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	706156	147.164	ug/l		99
67) Ethyl Benzene	11.727	91	3839407	143.114	ug/l		97
68) m/p-Xylenes	11.837	106	2923713	290.261	ug/l		96
69) o-Xylene	12.166	106	1409302	146.124	ug/l		97
70) Styrene	12.178	104	2411726	145.364	ug/l		99
71) Bromoform	12.349	173	423010	148.835	ug/l	#	95
73) Isopropylbenzene	12.459	105	3489900	150.679	ug/l		99
74) N-amyl acetate	12.270	43	1227847	152.560	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	786139	143.021	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	573471m	132.604	ug/l		
77) Bromobenzene	12.745	156	813648	148.374	ug/l		97
78) n-propylbenzene	12.800	91	4246088	150.540	ug/l		99
79) 2-Chlorotoluene	12.891	91	2572090	149.381	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	2817712	147.463	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	307315	162.783	ug/l		96
82) 4-Chlorotoluene	12.983	91	2684128	149.879	ug/l		100
83) tert-Butylbenzene	13.202	119	2490454	149.829	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	2901660	149.302	ug/l		100
85) sec-Butylbenzene	13.379	105	3673311	148.386	ug/l		100
86) p-Isopropyltoluene	13.495	119	3073760	150.385	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	1509962	145.231	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	1515160	142.246	ug/l		97
89) n-Butylbenzene	13.818	91	3032908	151.884	ug/l		99
90) Hexachloroethane	14.086	117	584015	158.476	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	1407554	147.475	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	145307	153.453	ug/l		94
93) 1,2,4-Trichlorobenzene	15.129	180	938399	154.502	ug/l		98
94) Hexachlorobutadiene	15.232	225	391549	155.194	ug/l		96
95) Naphthalene	15.360	128	2339043	154.434	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	856827	155.386	ug/l		92

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032411.D
Acq On : 10 Nov 2025 17:00
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:37:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

ICAL Form

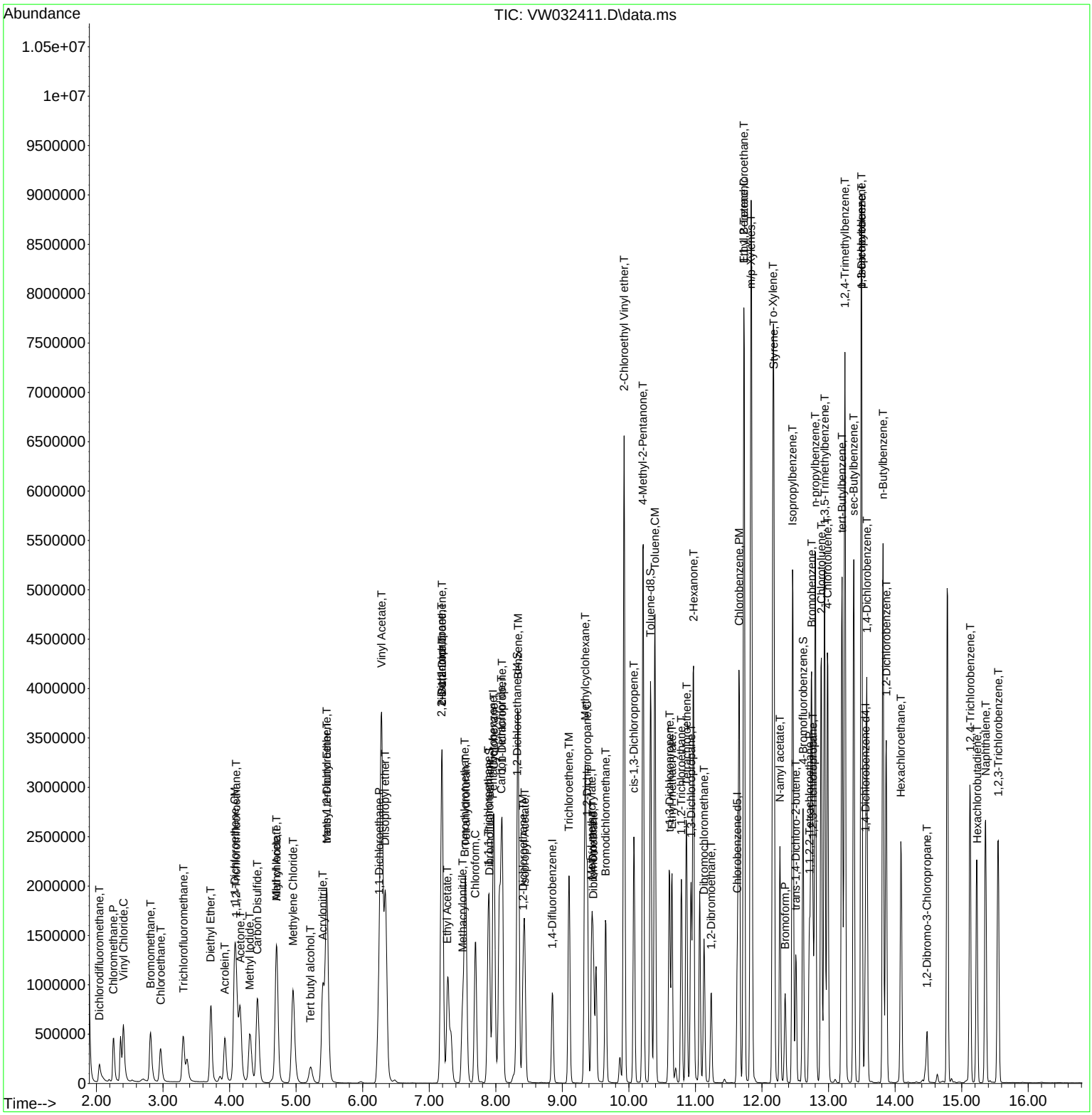
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032411.D
Acq On : 10 Nov 2025 17:00
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 11 03:37:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	457772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	826297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	742649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	335568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	292374	49.540	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 99.080%			
35) Dibromofluoromethane	7.898	113	246711	49.868	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.740%			
50) Toluene-d8	10.325	98	943721	49.724	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.617	95	362720	50.591	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	103260	44.460	ug/l	97
3) Chloromethane	2.253	50	191682	48.149	ug/l	100
4) Vinyl Chloride	2.405	62	236975	47.166	ug/l	95
5) Bromomethane	2.826	94	161727	48.121	ug/l	98
6) Chloroethane	2.966	64	157091	47.790	ug/l	99
7) Trichlorofluoromethane	3.308	101	198210	50.318	ug/l	93
8) Diethyl Ether	3.722	74	155105	48.160	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	203133	47.339	ug/l	99
10) Methyl Iodide	4.314	142	345049	49.926	ug/l	97
11) Tert butyl alcohol	5.210	59	123907	242.799	ug/l	100
12) 1,1-Dichloroethene	4.082	96	232539	47.260	ug/l	97
13) Acrolein	3.930	56	205590	240.111	ug/l	100
14) Allyl chloride	4.710	41	463711	49.007	ug/l	99
15) Acrylonitrile	5.405	53	461322	247.743	ug/l	100
16) Acetone	4.161	43	446031	252.613	ug/l	99
17) Carbon Disulfide	4.423	76	712178	48.971	ug/l	99
18) Methyl Acetate	4.710	43	222685	50.930	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	521562	50.286	ug/l	99
20) Methylene Chloride	4.960	84	292767	46.365	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	264891	47.082	ug/l	99
22) Diisopropyl ether	6.338	45	949736	49.298	ug/l	99
23) Vinyl Acetate	6.283	43	3293228	249.500	ug/l	99
24) 1,1-Dichloroethane	6.246	63	510813	48.395	ug/l	98
25) 2-Butanone	7.191	43	649663	249.748	ug/l	100
26) 2,2-Dichloropropane	7.191	77	278144	47.283	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	326672	48.593	ug/l	100
28) Bromochloromethane	7.533	49	238363	47.780	ug/l	97
29) Tetrahydrofuran	7.551	42	415747	251.809	ug/l	99
30) Chloroform	7.697	83	496469	48.047	ug/l	98
31) Cyclohexane	7.972	56	441733	45.242	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	359677	48.726	ug/l	100
36) 1,1-Dichloropropene	8.100	75	354738	48.666	ug/l	99
37) Ethyl Acetate	7.277	43	273800	50.514	ug/l	99
38) Carbon Tetrachloride	8.087	117	311936	48.162	ug/l	96
39) Methylcyclohexane	9.343	83	450888	47.748	ug/l	89
40) Benzene	8.337	78	1144488	48.756	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	152683	51.279	ug/l		98
42) 1,2-Dichloroethane	8.410	62	338257	49.058	ug/l		99
43) Isopropyl Acetate	8.435	43	482186	50.240	ug/l		100
44) Trichloroethene	9.099	130	256771	47.008	ug/l		98
45) 1,2-Dichloropropane	9.374	63	284966	48.753	ug/l		100
46) Dibromomethane	9.465	93	170725	49.983	ug/l		97
47) Bromodichloromethane	9.648	83	381617	48.979	ug/l		96
48) Methyl methacrylate	9.441	41	226548	49.674	ug/l		95
49) 1,4-Dioxane	9.465	88	46205	965.638	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.209	43	1355743	255.521	ug/l		99
52) Toluene	10.392	92	697639	48.115	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	398178	49.622	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	460102	49.583	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	223598	47.719	ug/l		98
56) Ethyl methacrylate	10.648	69	367486	51.114	ug/l		99
57) 1,3-Dichloropropane	10.934	76	411537	49.175	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	949029	247.869	ug/l		99
59) 2-Hexanone	10.965	43	984290	253.559	ug/l		100
60) Dibromochloromethane	11.129	129	255752	48.876	ug/l		98
61) 1,2-Dibromoethane	11.233	107	225223	49.350	ug/l		99
64) Tetrachloroethene	10.861	164	210025	47.757	ug/l		90
65) Chlorobenzene	11.654	112	772847	48.283	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	234293	47.296	ug/l		97
67) Ethyl Benzene	11.727	91	1336202	48.245	ug/l		95
68) m/p-Xylenes	11.837	106	1020533	98.139	ug/l		99
69) o-Xylene	12.166	106	485568	48.767	ug/l		98
70) Styrene	12.178	104	858740	50.136	ug/l		98
71) Bromoform	12.349	173	147519	50.276	ug/l	#	95
73) Isopropylbenzene	12.459	105	1201571	48.754	ug/l		99
74) N-amyl acetate	12.270	43	439444	51.313	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	289144	49.435	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	209388m	45.507	ug/l		
77) Bromobenzene	12.745	156	290897	49.852	ug/l		98
78) n-propylbenzene	12.800	91	1506843	50.206	ug/l		98
79) 2-Chlorotoluene	12.891	91	908334	49.577	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	1005706	49.463	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.507	75	102563	51.055	ug/l		99
82) 4-Chlorotoluene	12.983	91	944717	49.575	ug/l		99
83) tert-Butylbenzene	13.202	119	883415	49.947	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	1029723	49.793	ug/l		100
85) sec-Butylbenzene	13.379	105	1278459	48.534	ug/l		98
86) p-Isopropyltoluene	13.495	119	1070542	49.222	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	546952	49.439	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	549573	48.488	ug/l		99
89) n-Butylbenzene	13.818	91	1036054	48.759	ug/l		99
90) Hexachloroethane	14.086	117	191658	48.875	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	491597	48.405	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	50261	49.882	ug/l		99
93) 1,2,4-Trichlorobenzene	15.123	180	322348	49.877	ug/l		96
94) Hexachlorobutadiene	15.232	225	137633	51.267	ug/l		97
95) Naphthalene	15.360	128	806082	50.016	ug/l		99
96) 1,2,3-Trichlorobenzene	15.543	180	290012	49.427	ug/l		93

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
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Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
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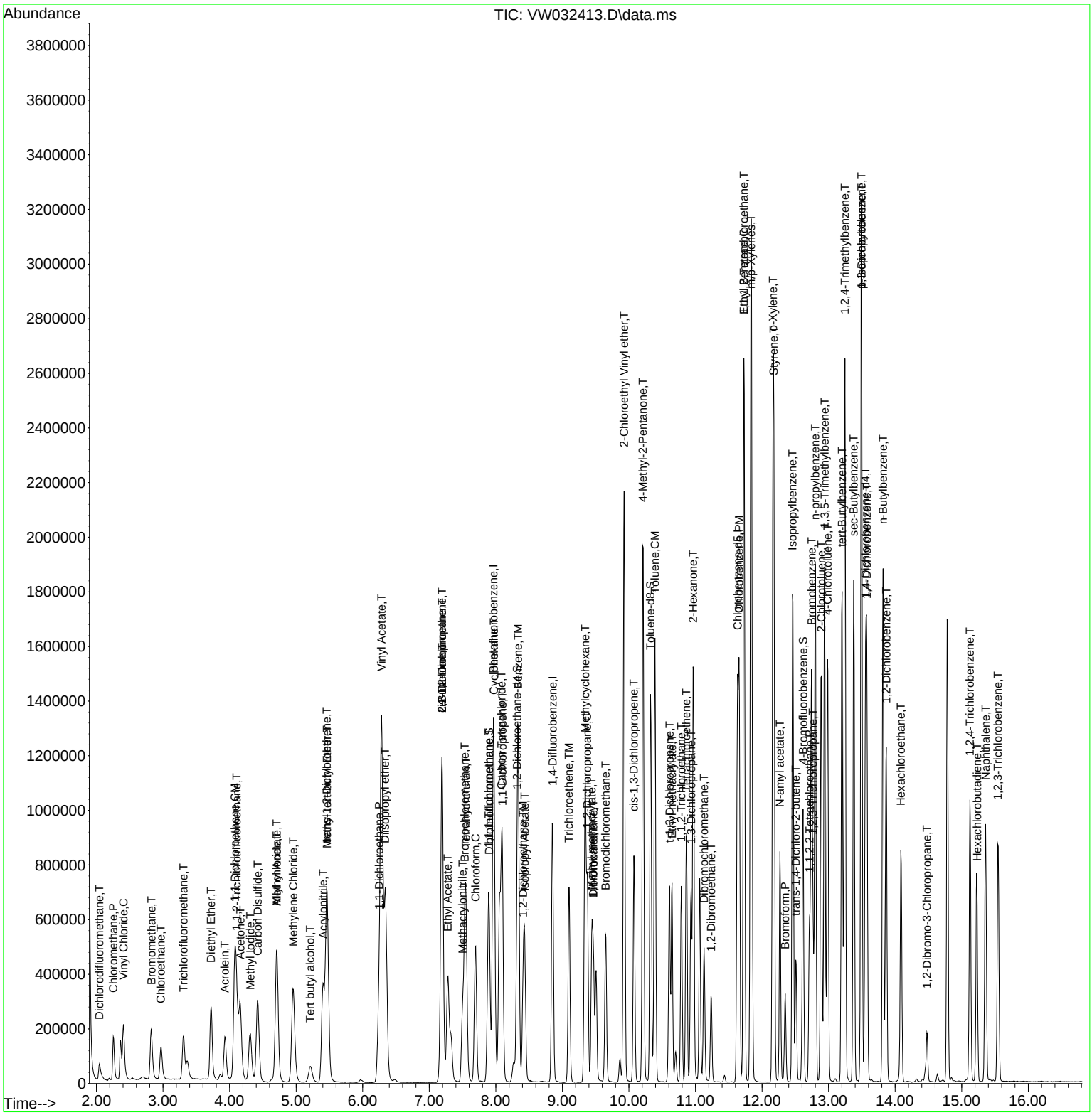
Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	0.254	0.226	11.0	88	0.00
3	P	Chloromethane	0.435	0.419	3.7	99	0.00
4	C	Vinyl Chloride	0.549	0.518	5.6#	93	0.00
5	T	Bromomethane	0.367	0.353	3.8	95	0.00
6	T	Chloroethane	0.359	0.343	4.5	93	0.00
7	T	Trichlorofluoromethane	0.430	0.433	-0.7	91	0.00
8	T	Diethyl Ether	0.352	0.339	3.7	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.469	0.444	5.3	92	0.00
10	T	Methyl Iodide	0.755	0.754	0.1	98	0.00
11	T	Tert butyl alcohol	0.056	0.054	3.6	97	0.00
12	CM	1,1-Dichloroethene	0.537	0.508	5.4#	91	0.00
13	T	Acrolein	0.094	0.090	4.3	96	0.00
14	T	Allyl chloride	1.034	1.013	2.0	94	0.00
15	T	Acrylonitrile	0.203	0.202	0.5	96	0.00
16	T	Acetone	0.193	0.195	-1.0	101	0.00
17	T	Carbon Disulfide	1.588	1.556	2.0	93	0.00
18	T	Methyl Acetate	0.478	0.486	-1.7	101	0.00
19	T	Methyl tert-butyl Ether	1.133	1.139	-0.5	97	0.00
20	T	Methylene Chloride	0.690	0.640	7.2	97	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.579	5.9	93	0.00
22	T	Diisopropyl ether	2.104	2.075	1.4	96	0.00
23	T	Vinyl Acetate	1.442	1.439	0.2	95	0.00
24	P	1,1-Dichloroethane	1.153	1.116	3.2	94	0.00
25	T	2-Butanone	0.284	0.284	0.0	98	0.00
26	T	2,2-Dichloropropane	0.643	0.608	5.4	95	0.00
27	T	cis-1,2-Dichloroethene	0.734	0.714	2.7	95	0.00
28	T	Bromochloromethane	0.545	0.521	4.4	100	0.00
29	T	Tetrahydrofuran	0.180	0.182	-1.1	97	0.00
30	C	Chloroform	1.129	1.085	3.9#	95	0.00
31	T	Cyclohexane	1.066	0.965	9.5	91	0.00
32	T	1,1,1-Trichloroethane	0.806	0.786	2.5	93	0.00
33	S	1,2-Dichloroethane-d4	0.645	0.639	0.9	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.299	0.299	0.0	102	0.00
36	T	1,1-Dichloropropene	0.441	0.429	2.7	93	0.00
37	T	Ethyl Acetate	0.328	0.331	-0.9	97	0.00
38	T	Carbon Tetrachloride	0.392	0.378	3.6	93	0.00
39	T	Methylcyclohexane	0.571	0.546	4.4	90	0.00
40	TM	Benzene	1.420	1.385	2.5	95	0.00
41	T	Methacrylonitrile	0.180	0.185	-2.8	97	0.00
42	TM	1,2-Dichloroethane	0.417	0.409	1.9	96	0.00
43	T	Isopropyl Acetate	0.581	0.584	-0.5	95	0.00
44	TM	Trichloroethene	0.331	0.311	6.0	91	0.00
45	C	1,2-Dichloropropane	0.354	0.345	2.5#	95	0.00
46	T	Dibromomethane	0.207	0.207	0.0	96	0.00
47	T	Bromodichloromethane	0.471	0.462	1.9	94	0.00
48	T	Methyl methacrylate	0.276	0.274	0.7	89	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	90	0.00
50	S	Toluene-d8	1.148	1.142	0.5	99	0.00
51	T	4-Methyl-2-Pentanone	0.321	0.328	-2.2	96	0.00
52	CM	Toluene	0.877	0.844	3.8#	93	0.00
53	T	t-1,3-Dichloropropene	0.486	0.482	0.8	94	0.00
54	T	cis-1,3-Dichloropropene	0.562	0.557	0.9	95	0.00
55	T	1,1,2-Trichloroethane	0.284	0.271	4.6	91	0.00
56	T	Ethyl methacrylate	0.435	0.445	-2.3	96	0.00
57	T	1,3-Dichloropropane	0.506	0.498	1.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.232	0.230	0.9	100	0.00
59	T	2-Hexanone	0.235	0.238	-1.3	96	0.00
60	T	Dibromochloromethane	0.317	0.310	2.2	95	0.00
61	T	1,2-Dibromoethane	0.276	0.273	1.1	96	0.00
62	S	4-Bromofluorobenzene	0.434	0.439	-1.2	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.296	0.283	4.4	95	0.00
65	PM	Chlorobenzene	1.078	1.041	3.4	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.334	0.315	5.7	94	0.00
67	C	Ethyl Benzene	1.865	1.799	3.5#	93	0.00
68	T	m/p-Xylenes	0.700	0.687	1.9	94	0.00
69	T	o-Xylene	0.670	0.654	2.4	97	0.00
70	T	Styrene	1.153	1.156	-0.3	96	0.00
71	P	Bromoform	0.198	0.199	-0.5	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.672	3.581	2.5	92	0.00
74	T	N-amyl acetate	1.276	1.310	-2.7	95	0.00
75	P	1,1,2,2-Tetrachloroethane	0.871	0.862	1.0	94	0.00
76	T	1,2,3-Trichloropropane	0.686	0.624	9.0	94	0.00
77	T	Bromobenzene	0.869	0.867	0.2	93	0.00
78	T	n-propylbenzene	4.472	4.490	-0.4	95	0.00
79	T	2-Chlorotoluene	2.730	2.707	0.8	96	0.00
80	T	1,3,5-Trimethylbenzene	3.030	2.997	1.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.299	0.306	-2.3	95	0.00
82	T	4-Chlorotoluene	2.839	2.815	0.8	95	0.00
83	T	tert-Butylbenzene	2.635	2.633	0.1	93	0.00
84	T	1,2,4-Trimethylbenzene	3.081	3.069	0.4	95	0.00
85	T	sec-Butylbenzene	3.925	3.810	2.9	92	0.00
86	T	p-Isopropyltoluene	3.241	3.190	1.6	94	0.00
87	T	1,3-Dichlorobenzene	1.648	1.630	1.1	96	0.00
88	T	1,4-Dichlorobenzene	1.689	1.638	3.0	94	0.00
89	T	n-Butylbenzene	3.166	3.087	2.5	93	0.00
90	T	Hexachloroethane	0.584	0.571	2.2	93	0.00
91	T	1,2-Dichlorobenzene	1.513	1.465	3.2	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.150	0.150	0.0	95	0.00
93	T	1,2,4-Trichlorobenzene	0.963	0.961	0.2	94	0.00
94	T	Hexachlorobutadiene	0.400	0.410	-2.5	99	0.00
95	T	Naphthalene	2.401	2.402	-0.0	94	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.864	1.1	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	50.000	44.460	11.1	88	0.00
3	P	Chloromethane	50.000	48.149	3.7	99	0.00
4	C	Vinyl Chloride	50.000	47.166	5.7#	93	0.00
5	T	Bromomethane	50.000	48.121	3.8	95	0.00
6	T	Chloroethane	50.000	47.790	4.4	93	0.00
7	T	Trichlorofluoromethane	50.000	50.318	-0.6	91	0.00
8	T	Diethyl Ether	50.000	48.160	3.7	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.339	5.3	92	0.00
10	T	Methyl Iodide	50.000	49.926	0.1	98	0.00
11	T	Tert butyl alcohol	250.000	242.799	2.9	97	0.00
12	CM	1,1-Dichloroethene	50.000	47.260	5.5#	91	0.00
13	T	Acrolein	250.000	240.111	4.0	96	0.00
14	T	Allyl chloride	50.000	49.007	2.0	94	0.00
15	T	Acrylonitrile	250.000	247.743	0.9	96	0.00
16	T	Acetone	250.000	252.613	-1.0	101	0.00
17	T	Carbon Disulfide	50.000	48.971	2.1	93	0.00
18	T	Methyl Acetate	50.000	50.930	-1.9	101	0.00
19	T	Methyl tert-butyl Ether	50.000	50.286	-0.6	97	0.00
20	T	Methylene Chloride	50.000	46.365	7.3	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.082	5.8	93	0.00
22	T	Diisopropyl ether	50.000	49.298	1.4	96	0.00
23	T	Vinyl Acetate	250.000	249.500	0.2	95	0.00
24	P	1,1-Dichloroethane	50.000	48.395	3.2	94	0.00
25	T	2-Butanone	250.000	249.748	0.1	98	0.00
26	T	2,2-Dichloropropane	50.000	47.283	5.4	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.593	2.8	95	0.00
28	T	Bromochloromethane	50.000	47.780	4.4	100	0.00
29	T	Tetrahydrofuran	250.000	251.809	-0.7	97	0.00
30	C	Chloroform	50.000	48.047	3.9#	95	0.00
31	T	Cyclohexane	50.000	45.242	9.5	91	0.00
32	T	1,1,1-Trichloroethane	50.000	48.726	2.5	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.540	0.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	49.868	0.3	102	0.00
36	T	1,1-Dichloropropene	50.000	48.666	2.7	93	0.00
37	T	Ethyl Acetate	50.000	50.514	-1.0	97	0.00
38	T	Carbon Tetrachloride	50.000	48.162	3.7	93	0.00
39	T	Methylcyclohexane	50.000	47.748	4.5	90	0.00
40	TM	Benzene	50.000	48.756	2.5	95	0.00
41	T	Methacrylonitrile	50.000	51.279	-2.6	97	0.00
42	TM	1,2-Dichloroethane	50.000	49.058	1.9	96	0.00
43	T	Isopropyl Acetate	50.000	50.240	-0.5	95	0.00
44	TM	Trichloroethene	50.000	47.008	6.0	91	0.00
45	C	1,2-Dichloropropane	50.000	48.753	2.5#	95	0.00
46	T	Dibromomethane	50.000	49.983	0.0	96	0.00
47	T	Bromodichloromethane	50.000	48.979	2.0	94	0.00
48	T	Methyl methacrylate	50.000	49.674	0.7	89	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	965.638	3.4	90	0.00
50	S	Toluene-d8	50.000	49.724	0.6	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.521	-2.2	96	0.00
52	CM	Toluene	50.000	48.115	3.8#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	49.622	0.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.583	0.8	95	0.00
55	T	1,1,2-Trichloroethane	50.000	47.719	4.6	91	0.00
56	T	Ethyl methacrylate	50.000	51.114	-2.2	96	0.00
57	T	1,3-Dichloropropane	50.000	49.175	1.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.869	0.9	100	0.00
59	T	2-Hexanone	250.000	253.559	-1.4	96	0.00
60	T	Dibromochloromethane	50.000	48.876	2.2	95	0.00
61	T	1,2-Dibromoethane	50.000	49.350	1.3	96	0.00
62	S	4-Bromofluorobenzene	50.000	50.591	-1.2	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	47.757	4.5	95	0.00
65	PM	Chlorobenzene	50.000	48.283	3.4	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.296	5.4	94	0.00
67	C	Ethyl Benzene	50.000	48.245	3.5#	93	0.00
68	T	m/p-Xylenes	100.000	98.139	1.9	94	0.00
69	T	o-Xylene	50.000	48.767	2.5	97	0.00
70	T	Styrene	50.000	50.136	-0.3	96	0.00
71	P	Bromoform	50.000	50.276	-0.6	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	48.754	2.5	92	0.00
74	T	N-amyl acetate	50.000	51.313	-2.6	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.435	1.1	94	0.00
76	T	1,2,3-Trichloropropane	50.000	45.507	9.0	94	0.00
77	T	Bromobenzene	50.000	49.852	0.3	93	0.00
78	T	n-propylbenzene	50.000	50.206	-0.4	95	0.00
79	T	2-Chlorotoluene	50.000	49.577	0.8	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.463	1.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.055	-2.1	95	0.00
82	T	4-Chlorotoluene	50.000	49.575	0.8	95	0.00
83	T	tert-Butylbenzene	50.000	49.947	0.1	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.793	0.4	95	0.00
85	T	sec-Butylbenzene	50.000	48.534	2.9	92	0.00
86	T	p-Isopropyltoluene	50.000	49.222	1.6	94	0.00
87	T	1,3-Dichlorobenzene	50.000	49.439	1.1	96	0.00
88	T	1,4-Dichlorobenzene	50.000	48.488	3.0	94	0.00
89	T	n-Butylbenzene	50.000	48.759	2.5	93	0.00
90	T	Hexachloroethane	50.000	48.875	2.3	93	0.00
91	T	1,2-Dichlorobenzene	50.000	48.405	3.2	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.882	0.2	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.877	0.2	94	0.00
94	T	Hexachlorobutadiene	50.000	51.267	-2.5	99	0.00
95	T	Naphthalene	50.000	50.016	-0.0	94	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032413.D
Acq On : 10 Nov 2025 17:44
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Quant Time: Nov 11 03:51:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.427	1.1	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	AMBR01
Lab Code:	ACE	SDG No.:	Q3619
Instrument ID:	MSVOA_W	Calibration Date/Time:	11/19/2025 10:01
Lab File ID:	VW032490.D	Init. Calib. Date(s):	11/10/2025 11/10/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	15:11 17:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Methyl tert-butyl Ether	1.133	1.191		5.12	20
Benzene	1.420	1.545		8.8	20
Toluene	0.877	0.971		10.72	20
1,2-Dibromoethane	0.276	0.296		7.25	20
Ethyl Benzene	1.865	1.963		5.26	20
m/p-Xylenes	0.700	0.774		10.57	20
o-Xylene	0.670	0.727		8.51	20
Isopropylbenzene	3.672	3.940		7.3	20
1,3,5-Trimethylbenzene	3.030	3.313		9.34	20
1,2,4-Trimethylbenzene	3.081	3.291		6.82	20
Naphthalene	2.401	2.414		0.54	20
1,2-Dichloroethane-d4	0.645	0.700		8.53	20
Dibromofluoromethane	0.299	0.314		5.02	20
Toluene-d8	1.148	1.220		6.27	20
4-Bromofluorobenzene	0.434	0.459		5.76	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	346973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	636403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	579827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	269243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	242926	54.306	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 108.620%			
35) Dibromofluoromethane	7.898	113	199770	52.429	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.860%			
50) Toluene-d8	10.325	98	776593	53.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.617	95	292101	52.898	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 105.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	95376	54.179	ug/l	96
3) Chloromethane	2.253	50	158236	52.440	ug/l	97
4) Vinyl Chloride	2.405	62	206091	54.118	ug/l	97
5) Bromomethane	2.820	94	136345	53.524	ug/l	93
6) Chloroethane	2.966	64	132436	53.155	ug/l	98
7) Trichlorofluoromethane	3.302	101	145405	48.700	ug/l	92
8) Diethyl Ether	3.722	74	130752	53.563	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	178427	54.860	ug/l	97
10) Methyl Iodide	4.308	142	268160	51.191	ug/l	98
11) Tert butyl alcohol	5.210	59	88567	228.969	ug/l	98
12) 1,1-Dichloroethene	4.076	96	203728	54.627	ug/l	96
13) Acrolein	3.930	56	108184	166.697	ug/l	99
14) Allyl chloride	4.704	41	382936	53.394	ug/l	98
15) Acrylonitrile	5.393	53	386933	274.149	ug/l	99
16) Acetone	4.155	43	375826	280.822	ug/l	97
17) Carbon Disulfide	4.417	76	592369	53.740	ug/l	99
18) Methyl Acetate	4.710	43	188677	56.932	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	413278	52.570	ug/l	98
20) Methylene Chloride	4.948	84	256114	53.512	ug/l	99
21) trans-1,2-Dichloroethene	5.454	96	235150	55.142	ug/l	97
22) Diisopropyl ether	6.338	45	804551	55.097	ug/l	95
23) Vinyl Acetate	6.277	43	2725852	272.461	ug/l	98
24) 1,1-Dichloroethane	6.240	63	447734	55.964	ug/l	99
25) 2-Butanone	7.185	43	526364	266.965	ug/l	100
26) 2,2-Dichloropropane	7.185	77	228920	51.342	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	277691	54.498	ug/l	99
28) Bromochloromethane	7.527	49	208547	55.153	ug/l	97
29) Tetrahydrofuran	7.545	42	344899	275.605	ug/l	99
30) Chloroform	7.691	83	447741	57.169	ug/l	100
31) Cyclohexane	7.965	56	373822	50.513	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	297998	53.262	ug/l	97
36) 1,1-Dichloropropene	8.094	75	309469	55.124	ug/l	99
37) Ethyl Acetate	7.270	43	231826	55.532	ug/l	99
38) Carbon Tetrachloride	8.081	117	272752	54.678	ug/l	95
39) Methylcyclohexane	9.343	83	381563	52.464	ug/l	91
40) Benzene	8.337	78	983355	54.391	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	130492	56.903	ug/l		96
42) 1,2-Dichloroethane	8.411	62	300189	56.528	ug/l		99
43) Isopropyl Acetate	8.435	43	395000	53.436	ug/l		99
44) Trichloroethene	9.099	130	218354	51.903	ug/l		98
45) 1,2-Dichloropropane	9.374	63	253790	56.375	ug/l		100
46) Dibromomethane	9.465	93	147513	56.074	ug/l		98
47) Bromodichloromethane	9.648	83	339805	56.626	ug/l		96
48) Methyl methacrylate	9.441	41	181969	51.805	ug/l		93
49) 1,4-Dioxane	9.459	88	41605	1128.950	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.209	43	1146909	280.662	ug/l		100
52) Toluene	10.386	92	617759	55.318	ug/l		98
53) t-1,3-Dichloropropene	10.605	75	332651	53.826	ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	384628	53.817	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	200347	55.515	ug/l		97
56) Ethyl methacrylate	10.648	69	293517	53.007	ug/l		97
57) 1,3-Dichloropropane	10.934	76	358185	55.570	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.929	63	863212	292.727	ug/l		100
59) 2-Hexanone	10.965	43	818361	273.719	ug/l		98
60) Dibromochloromethane	11.130	129	220231	54.646	ug/l		100
61) 1,2-Dibromoethane	11.233	107	188620	53.662	ug/l		100
64) Tetrachloroethene	10.861	164	188152	54.797	ug/l		88
65) Chlorobenzene	11.654	112	664366	53.161	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	211366	54.649	ug/l		99
67) Ethyl Benzene	11.727	91	1138253	52.638	ug/l		96
68) m/p-Xylenes	11.837	106	897191	110.506	ug/l		97
69) o-Xylene	12.160	106	421359	54.202	ug/l		98
70) Styrene	12.178	104	731948	54.734	ug/l		100
71) Bromoform	12.349	173	122654	53.540	ug/l		95
73) Isopropylbenzene	12.459	105	1060845	53.648	ug/l		99
74) N-amyl acetate	12.270	43	361944	52.674	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.709	83	257138	54.793	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	182969m	49.561	ug/l		
77) Bromobenzene	12.745	156	244850	52.298	ug/l		95
78) n-propylbenzene	12.800	91	1327854	55.141	ug/l		99
79) 2-Chlorotoluene	12.885	91	805355	54.784	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	891947	54.675	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	85782	53.221	ug/l		97
82) 4-Chlorotoluene	12.989	91	831063	54.354	ug/l		100
83) tert-Butylbenzene	13.202	119	732857	51.641	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	886061	53.400	ug/l		97
85) sec-Butylbenzene	13.379	105	1124349	53.198	ug/l		100
86) p-Isopropyltoluene	13.495	119	914832	52.425	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	490882	55.301	ug/l		94
88) 1,4-Dichlorobenzene	13.574	146	484114	53.234	ug/l		99
89) n-Butylbenzene	13.818	91	918175	53.857	ug/l		99
90) Hexachloroethane	14.086	117	165435	52.581	ug/l		90
91) 1,2-Dichlorobenzene	13.867	146	447561	54.925	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.477	75	41536	51.378	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	271417	52.341	ug/l		98
94) Hexachlorobutadiene	15.232	225	111309	51.675	ug/l		94
95) Naphthalene	15.360	128	650043	50.270	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	245875	52.227	ug/l		95

Sample Results: **VW032490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

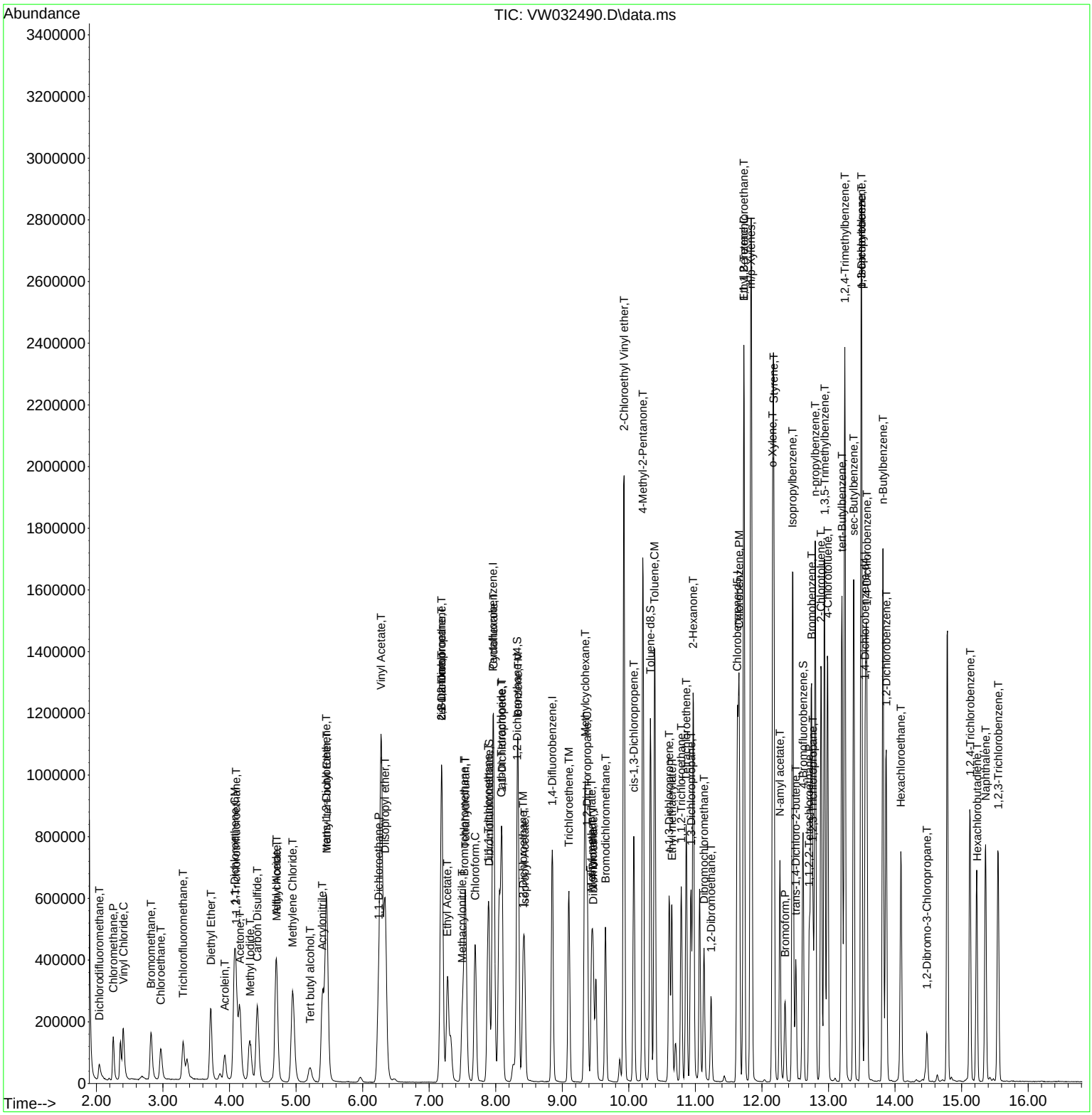
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



Sample Results: **VW032490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	73	0.00
2	T	Dichlorodifluoromethane	0.254	0.275	-8.3	81	0.00
3	P	Chloromethane	0.435	0.456	-4.8	82	0.00
4	C	Vinyl Chloride	0.549	0.594	-8.2#	81	0.00
5	T	Bromomethane	0.367	0.393	-7.1	80	0.00
6	T	Chloroethane	0.359	0.382	-6.4	79	0.00
7	T	Trichlorofluoromethane	0.430	0.419	2.6	67	0.00
8	T	Diethyl Ether	0.352	0.377	-7.1	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.469	0.514	-9.6	81	0.00
10	T	Methyl Iodide	0.755	0.773	-2.4	76	0.00
11	T	Tert butyl alcohol	0.056	0.051	8.9	70	0.00
12	CM	1,1-Dichloroethene	0.537	0.587	-9.3#	80	0.00
13	T	Acrolein	0.094	0.062	34.0#	51	0.00
14	T	Allyl chloride	1.034	1.104	-6.8	78	0.00
15	T	Acrylonitrile	0.203	0.223	-9.9	80	-0.01
16	T	Acetone	0.193	0.217	-12.4	85	0.00
17	T	Carbon Disulfide	1.588	1.707	-7.5	78	0.00
18	T	Methyl Acetate	0.478	0.544	-13.8	86	0.00
19	T	Methyl tert-butyl Ether	1.133	1.191	-5.1	77	0.00
20	T	Methylene Chloride	0.690	0.738	-7.0	85	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.678	-10.2	82	-0.01
22	T	Diisopropyl ether	2.104	2.319	-10.2	81	0.00
23	T	Vinyl Acetate	1.442	1.571	-8.9	79	0.00
24	P	1,1-Dichloroethane	1.153	1.290	-11.9	82	0.00
25	T	2-Butanone	0.284	0.303	-6.7	79	0.00
26	T	2,2-Dichloropropane	0.643	0.660	-2.6	78	0.00
27	T	cis-1,2-Dichloroethene	0.734	0.800	-9.0	80	0.00
28	T	Bromochloromethane	0.545	0.601	-10.3	88	0.00
29	T	Tetrahydrofuran	0.180	0.199	-10.6	80	0.00
30	C	Chloroform	1.129	1.290	-14.3#	85	0.00
31	T	Cyclohexane	1.066	1.077	-1.0	77	0.00
32	T	1,1,1-Trichloroethane	0.806	0.859	-6.6	77	0.00
33	S	1,2-Dichloroethane-d4	0.645	0.700	-8.5	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35	S	Dibromofluoromethane	0.299	0.314	-5.0	83	0.00
36	T	1,1-Dichloropropene	0.441	0.486	-10.2	81	0.00
37	T	Ethyl Acetate	0.328	0.364	-11.0	82	0.00
38	T	Carbon Tetrachloride	0.392	0.429	-9.4	81	0.00
39	T	Methylcyclohexane	0.571	0.600	-5.1	76	0.00
40	TM	Benzene	1.420	1.545	-8.8	82	0.00
41	T	Methacrylonitrile	0.180	0.205	-13.9	83	0.00
42	TM	1,2-Dichloroethane	0.417	0.472	-13.2	85	0.00
43	T	Isopropyl Acetate	0.581	0.621	-6.9	78	0.00
44	TM	Trichloroethene	0.331	0.343	-3.6	78	0.00
45	C	1,2-Dichloropropane	0.354	0.399	-12.7#	85	0.00
46	T	Dibromomethane	0.207	0.232	-12.1	83	0.00
47	T	Bromodichloromethane	0.471	0.534	-13.4	84	0.00
48	T	Methyl methacrylate	0.276	0.286	-3.6	72	0.00

Sample Results: **VW032490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	81	0.00
50	S	Toluene-d8	1.148	1.220	-6.3	82	0.00
51	T	4-Methyl-2-Pentanone	0.321	0.360	-12.1	81	0.00
52	CM	Toluene	0.877	0.971	-10.7#	82	0.00
53	T	t-1,3-Dichloropropene	0.486	0.523	-7.6	79	0.00
54	T	cis-1,3-Dichloropropene	0.562	0.604	-7.5	79	0.00
55	T	1,1,2-Trichloroethane	0.284	0.315	-10.9	82	0.00
56	T	Ethyl methacrylate	0.435	0.461	-6.0	76	0.00
57	T	1,3-Dichloropropane	0.506	0.563	-11.3	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.232	0.271	-16.8	91	0.00
59	T	2-Hexanone	0.235	0.257	-9.4	80	0.00
60	T	Dibromochloromethane	0.317	0.346	-9.1	82	0.00
61	T	1,2-Dibromoethane	0.276	0.296	-7.2	80	0.00
62	S	4-Bromofluorobenzene	0.434	0.459	-5.8	84	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64	T	Tetrachloroethene	0.296	0.324	-9.5	85	0.00
65	PM	Chlorobenzene	1.078	1.146	-6.3	79	0.00
66	T	1,1,1,2-Tetrachloroethane	0.334	0.365	-9.3	85	0.00
67	C	Ethyl Benzene	1.865	1.963	-5.3#	79	0.00
68	T	m/p-Xylenes	0.700	0.774	-10.6	83	0.00
69	T	o-Xylene	0.670	0.727	-8.5	84	0.00
70	T	Styrene	1.153	1.262	-9.5	82	0.00
71	P	Bromoform	0.198	0.212	-7.1	82	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73	T	Isopropylbenzene	3.672	3.940	-7.3	81	0.00
74	T	N-amyl acetate	1.276	1.344	-5.3	78	0.00
75	P	1,1,2,2-Tetrachloroethane	0.871	0.955	-9.6	84	0.00
76	T	1,2,3-Trichloropropane	0.686	0.680	0.9	82	0.00
77	T	Bromobenzene	0.869	0.909	-4.6	79	0.00
78	T	n-propylbenzene	4.472	4.932	-10.3	83	0.00
79	T	2-Chlorotoluene	2.730	2.991	-9.6	85	0.00
80	T	1,3,5-Trimethylbenzene	3.030	3.313	-9.3	83	0.00
81	T	trans-1,4-Dichloro-2-butene	0.299	0.319	-6.7	79	0.00
82	T	4-Chlorotoluene	2.839	3.087	-8.7	84	0.00
83	T	tert-Butylbenzene	2.635	2.722	-3.3	77	0.00
84	T	1,2,4-Trimethylbenzene	3.081	3.291	-6.8	81	0.00
85	T	sec-Butylbenzene	3.925	4.176	-6.4	81	0.00
86	T	p-Isopropyltoluene	3.241	3.398	-4.8	81	0.00
87	T	1,3-Dichlorobenzene	1.648	1.823	-10.6	86	0.00
88	T	1,4-Dichlorobenzene	1.689	1.798	-6.5	83	0.00
89	T	n-Butylbenzene	3.166	3.410	-7.7	82	0.00
90	T	Hexachloroethane	0.584	0.614	-5.1	80	0.00
91	T	1,2-Dichlorobenzene	1.513	1.662	-9.8	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.150	0.154	-2.7	79	0.00
93	T	1,2,4-Trichlorobenzene	0.963	1.008	-4.7	80	0.00
94	T	Hexachlorobutadiene	0.400	0.413	-3.2	80	0.00
95	T	Naphthalene	2.401	2.414	-0.5	76	0.00

Sample Results: **VW032490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.913	-4.5	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VW032490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	73	0.00
2	T	Dichlorodifluoromethane	50.000	54.179	-8.4	81	0.00
3	P	Chloromethane	50.000	52.440	-4.9	82	0.00
4	C	Vinyl Chloride	50.000	54.118	-8.2#	81	0.00
5	T	Bromomethane	50.000	53.524	-7.0	80	0.00
6	T	Chloroethane	50.000	53.155	-6.3	79	0.00
7	T	Trichlorofluoromethane	50.000	48.700	2.6	67	0.00
8	T	Diethyl Ether	50.000	53.563	-7.1	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.860	-9.7	81	0.00
10	T	Methyl Iodide	50.000	51.191	-2.4	76	0.00
11	T	Tert butyl alcohol	250.000	228.969	8.4	70	0.00
12	CM	1,1-Dichloroethene	50.000	54.627	-9.3#	80	0.00
13	T	Acrolein	250.000	166.697	33.3#	51	0.00
14	T	Allyl chloride	50.000	53.394	-6.8	78	0.00
15	T	Acrylonitrile	250.000	274.149	-9.7	80	-0.01
16	T	Acetone	250.000	280.822	-12.3	85	0.00
17	T	Carbon Disulfide	50.000	53.740	-7.5	78	0.00
18	T	Methyl Acetate	50.000	56.932	-13.9	86	0.00
19	T	Methyl tert-butyl Ether	50.000	52.570	-5.1	77	0.00
20	T	Methylene Chloride	50.000	53.512	-7.0	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.142	-10.3	82	-0.01
22	T	Diisopropyl ether	50.000	55.097	-10.2	81	0.00
23	T	Vinyl Acetate	250.000	272.461	-9.0	79	0.00
24	P	1,1-Dichloroethane	50.000	55.964	-11.9	82	0.00
25	T	2-Butanone	250.000	266.965	-6.8	79	0.00
26	T	2,2-Dichloropropane	50.000	51.342	-2.7	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.498	-9.0	80	0.00
28	T	Bromochloromethane	50.000	55.153	-10.3	88	0.00
29	T	Tetrahydrofuran	250.000	275.605	-10.2	80	0.00
30	C	Chloroform	50.000	57.169	-14.3#	85	0.00
31	T	Cyclohexane	50.000	50.513	-1.0	77	0.00
32	T	1,1,1-Trichloroethane	50.000	53.262	-6.5	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.306	-8.6	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	52.429	-4.9	83	0.00
36	T	1,1-Dichloropropene	50.000	55.124	-10.2	81	0.00
37	T	Ethyl Acetate	50.000	55.532	-11.1	82	0.00
38	T	Carbon Tetrachloride	50.000	54.678	-9.4	81	0.00
39	T	Methylcyclohexane	50.000	52.464	-4.9	76	0.00
40	TM	Benzene	50.000	54.391	-8.8	82	0.00
41	T	Methacrylonitrile	50.000	56.903	-13.8	83	0.00
42	TM	1,2-Dichloroethane	50.000	56.528	-13.1	85	0.00
43	T	Isopropyl Acetate	50.000	53.436	-6.9	78	0.00
44	TM	Trichloroethene	50.000	51.903	-3.8	78	0.00
45	C	1,2-Dichloropropane	50.000	56.375	-12.8#	85	0.00
46	T	Dibromomethane	50.000	56.074	-12.1	83	0.00
47	T	Bromodichloromethane	50.000	56.626	-13.3	84	0.00
48	T	Methyl methacrylate	50.000	51.805	-3.6	72	0.00

Sample Results: **VW032490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1128.950	-12.9	81	0.00
50	S	Toluene-d8	50.000	53.127	-6.3	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.662	-12.3	81	0.00
52	CM	Toluene	50.000	55.318	-10.6#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	53.826	-7.7	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.817	-7.6	79	0.00
55	T	1,1,2-Trichloroethane	50.000	55.515	-11.0	82	0.00
56	T	Ethyl methacrylate	50.000	53.007	-6.0	76	0.00
57	T	1,3-Dichloropropane	50.000	55.570	-11.1	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	292.727	-17.1	91	0.00
59	T	2-Hexanone	250.000	273.719	-9.5	80	0.00
60	T	Dibromochloromethane	50.000	54.646	-9.3	82	0.00
61	T	1,2-Dibromoethane	50.000	53.662	-7.3	80	0.00
62	S	4-Bromofluorobenzene	50.000	52.898	-5.8	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	54.797	-9.6	85	0.00
65	PM	Chlorobenzene	50.000	53.161	-6.3	79	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.649	-9.3	85	0.00
67	C	Ethyl Benzene	50.000	52.638	-5.3#	79	0.00
68	T	m/p-Xylenes	100.000	110.506	-10.5	83	0.00
69	T	o-Xylene	50.000	54.202	-8.4	84	0.00
70	T	Styrene	50.000	54.734	-9.5	82	0.00
71	P	Bromoform	50.000	53.540	-7.1	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	53.648	-7.3	81	0.00
74	T	N-amyl acetate	50.000	52.674	-5.3	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.793	-9.6	84	0.00
76	T	1,2,3-Trichloropropane	50.000	49.561	0.9	82	0.00
77	T	Bromobenzene	50.000	52.298	-4.6	79	0.00
78	T	n-propylbenzene	50.000	55.141	-10.3	83	0.00
79	T	2-Chlorotoluene	50.000	54.784	-9.6	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.675	-9.3	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.221	-6.4	79	0.00
82	T	4-Chlorotoluene	50.000	54.354	-8.7	84	0.00
83	T	tert-Butylbenzene	50.000	51.641	-3.3	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.400	-6.8	81	0.00
85	T	sec-Butylbenzene	50.000	53.198	-6.4	81	0.00
86	T	p-Isopropyltoluene	50.000	52.425	-4.8	81	0.00
87	T	1,3-Dichlorobenzene	50.000	55.301	-10.6	86	0.00
88	T	1,4-Dichlorobenzene	50.000	53.234	-6.5	83	0.00
89	T	n-Butylbenzene	50.000	53.857	-7.7	82	0.00
90	T	Hexachloroethane	50.000	52.581	-5.2	80	0.00
91	T	1,2-Dichlorobenzene	50.000	54.925	-9.8	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.378	-2.8	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.341	-4.7	80	0.00
94	T	Hexachlorobutadiene	50.000	51.675	-3.3	80	0.00
95	T	Naphthalene	50.000	50.270	-0.5	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.227	-4.5	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

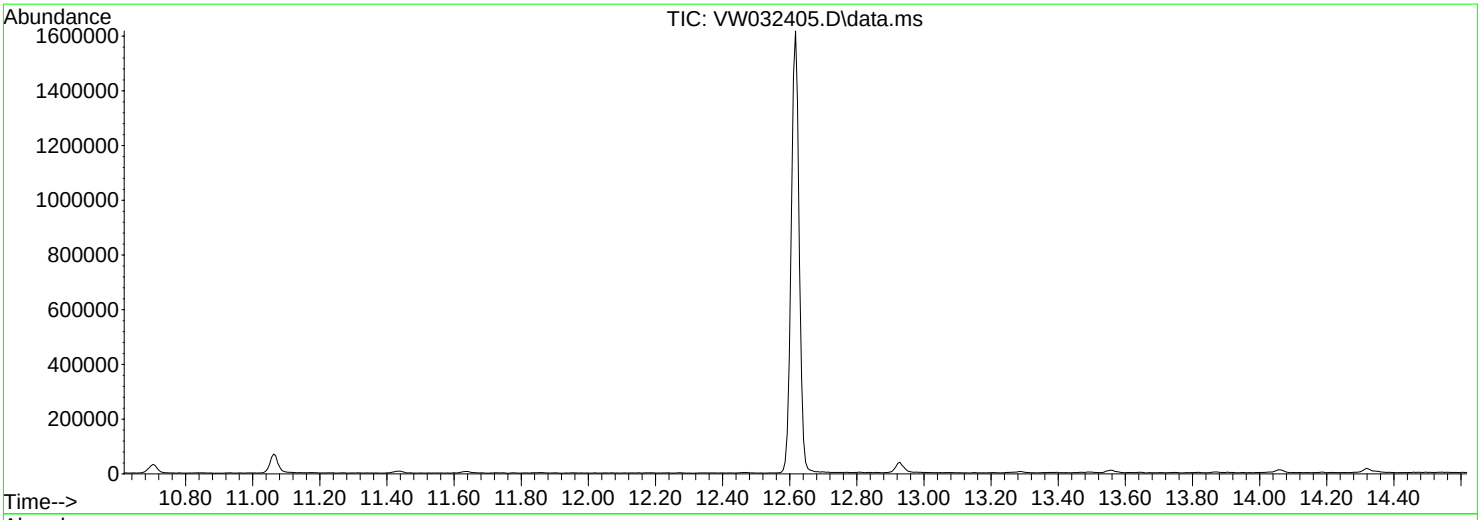
Sample Results: **VW032405.D**

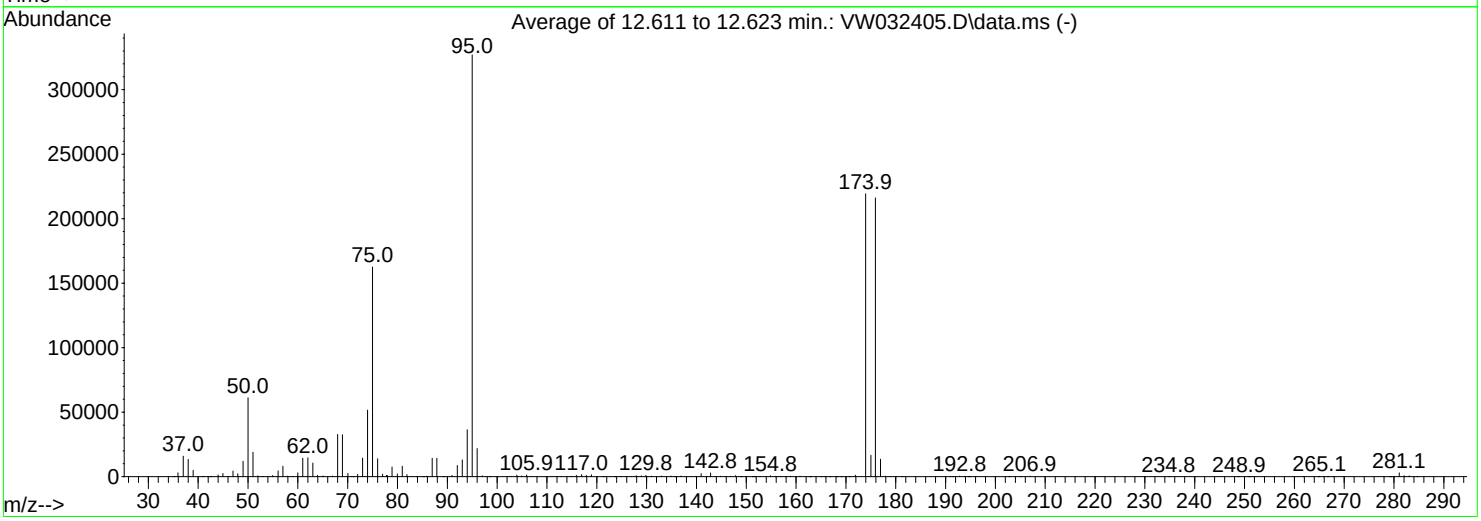
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032405.D
Acq On : 10 Nov 2025 14:20
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Title : SW846 8260
Last Update : Tue Nov 11 03:48:21 2025





AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1750

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.7	61165	PASS
75	95	30	60	49.7	162496	PASS
95	95	100	100	100.0	326997	PASS
96	95	5	9	6.7	21816	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	67.1	219371	PASS
175	174	5	9	7.6	16661	PASS
176	174	95	101	98.5	216149	PASS
177	176	5	9	6.3	13512	PASS

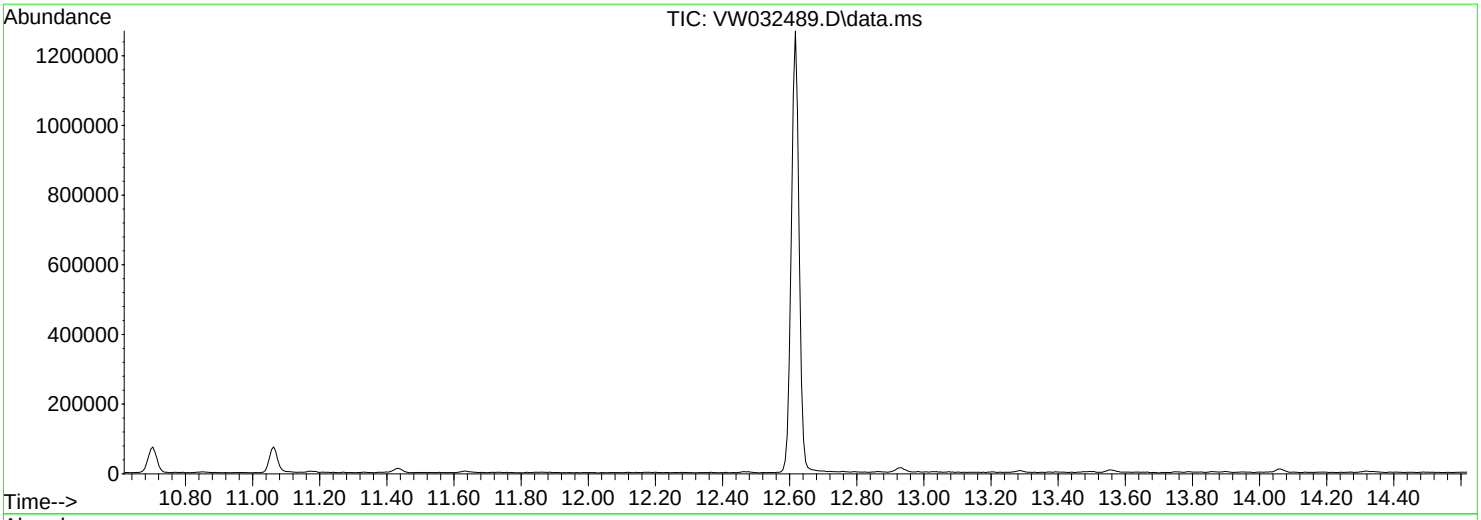
Sample Results: **VW032489.D**

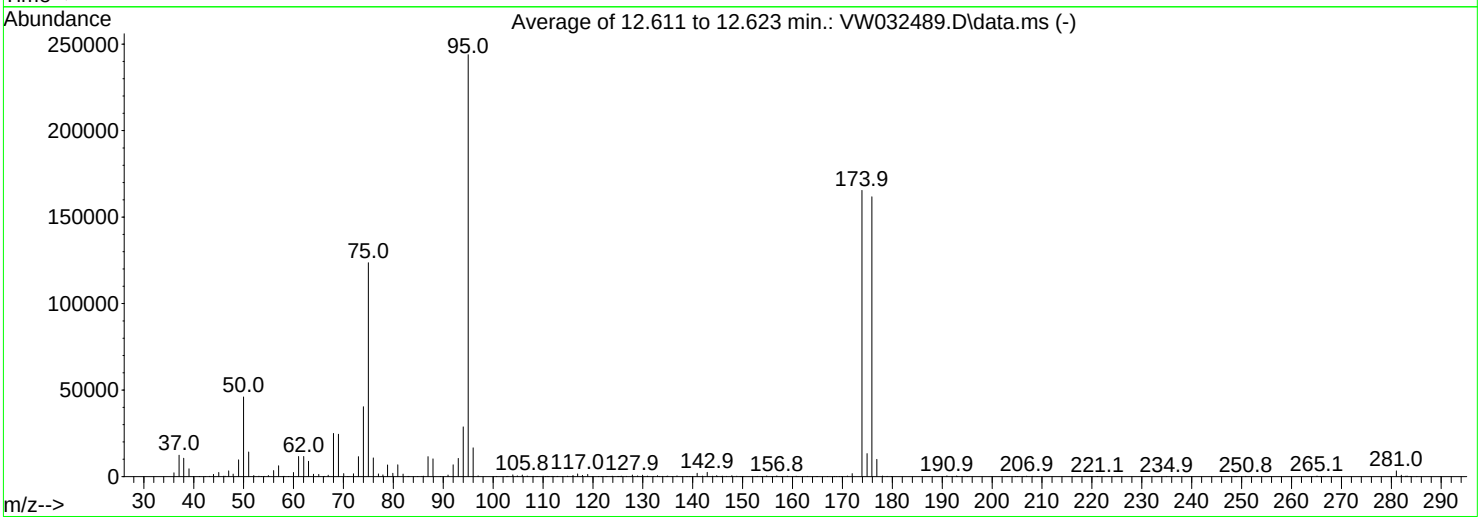
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032489.D
Acq On : 19 Nov 2025 09:32
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Title : SW846 8260
Last Update : Tue Nov 11 03:48:21 2025





AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1748

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	45992	PASS
75	95	30	60	50.7	123660	PASS
95	95	100	100	100.0	243861	PASS
96	95	5	9	6.8	16613	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	67.8	165419	PASS
175	174	5	9	8.0	13264	PASS
176	174	95	101	97.8	161728	PASS
177	176	5	9	6.2	9979	PASS

Raw Data: **VW032491.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	
Project:	6506 Haverford Road	Date Received:	
Client Sample ID:	VW1119SBL01	SDG No.:	Q3619
Lab Sample ID:	VW1119SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/19/25 10:36	VW111925
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/19/25 10:36	VW111925
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/19/25 10:36	VW111925
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/19/25 10:36	VW111925
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/19/25 10:36	VW111925
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/19/25 10:36	VW111925
1330-20-7	Total Xylenes	2.02	U	1	2.02	15.0	ug/Kg	11/19/25 10:36	VW111925
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/19/25 10:36	VW111925
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/19/25 10:36	VW111925
108-67-8	1,3,5-Trimethylbenzene	0.82	U	1	0.82	5.00	ug/Kg	11/19/25 10:36	VW111925
95-63-6	1,2,4-Trimethylbenzene	0.64	U	1	0.64	5.00	ug/Kg	11/19/25 10:36	VW111925
91-20-3	Naphthalene	2.60	U	1	2.60	5.00	ug/Kg	11/19/25 10:36	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.5			63 - 155	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.6			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	45.5			74 - 123	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.4			52 - 138	109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	218000							
540-36-3	1,4-Difluorobenzene	509000							
3114-55-4	Chlorobenzene-d5	542000							
3855-82-1	1,4-Dichlorobenzene-d4	261000							

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032491.D
Acq On : 19 Nov 2025 10:36
Operator : SY/MD
Sample : VW1119SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBL01

Quant Time: Nov 20 01:15:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

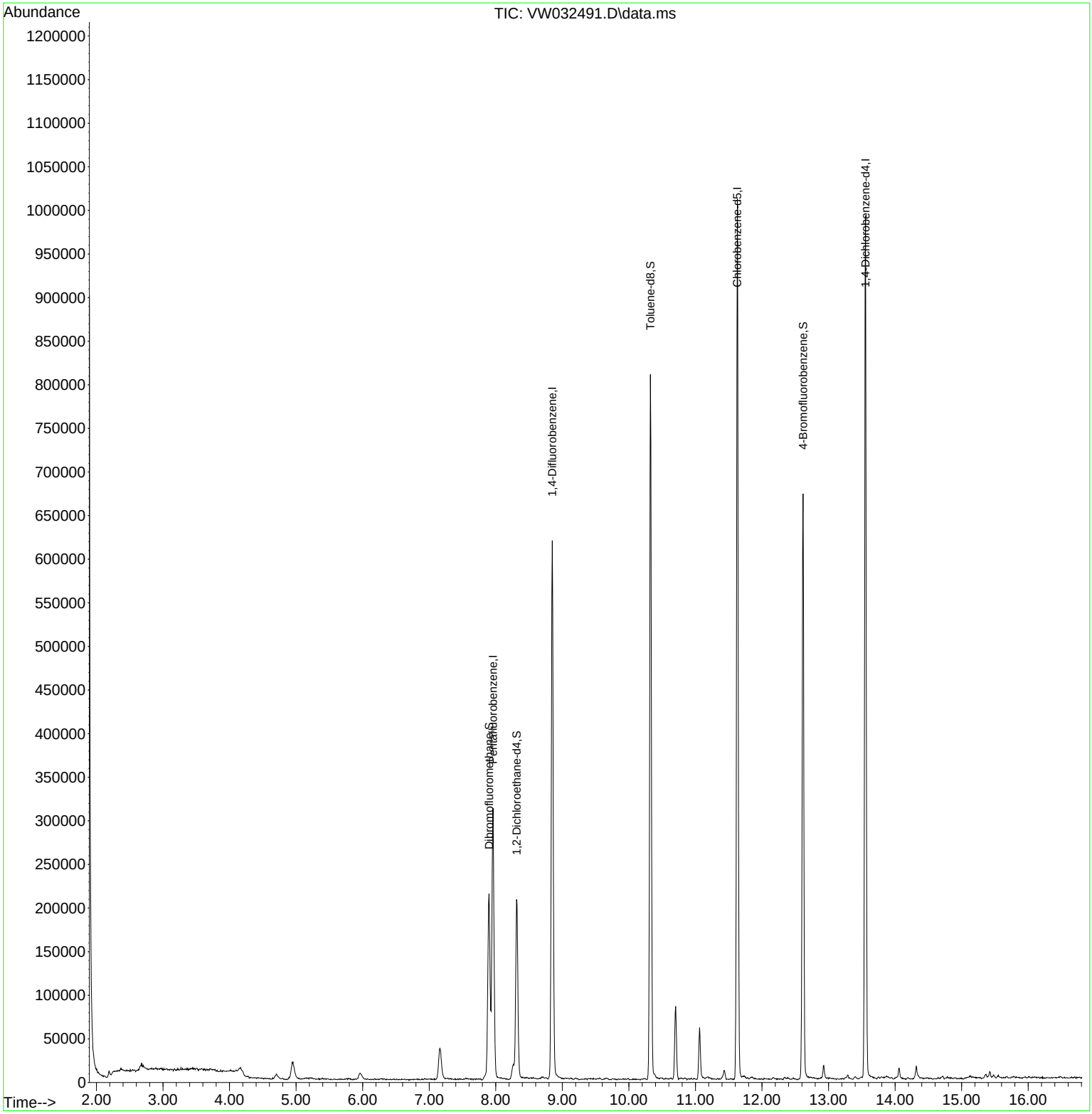
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	218109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	508852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	541801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	260882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	170243	60.543	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 121.080%			
35) Dibromofluoromethane	7.898	113	157341	51.644	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.280%			
50) Toluene-d8	10.325	98	531813	45.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 91.000%			
62) 4-Bromofluorobenzene	12.617	95	240405	54.449	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.900%			
Target Compounds						Qvalue

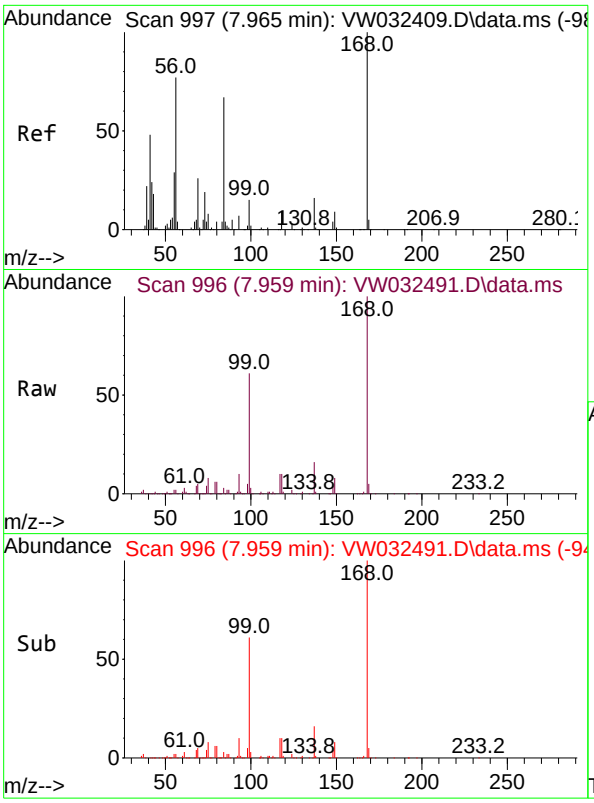
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032491.D
Acq On : 19 Nov 2025 10:36
Operator : SY/MD
Sample : VW1119SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBL01

Quant Time: Nov 20 01:15:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



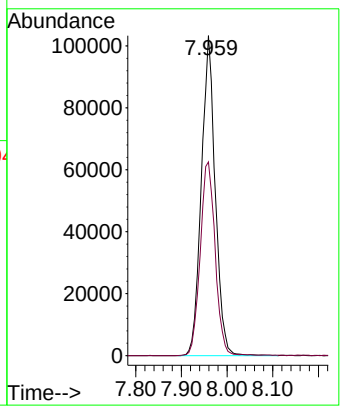


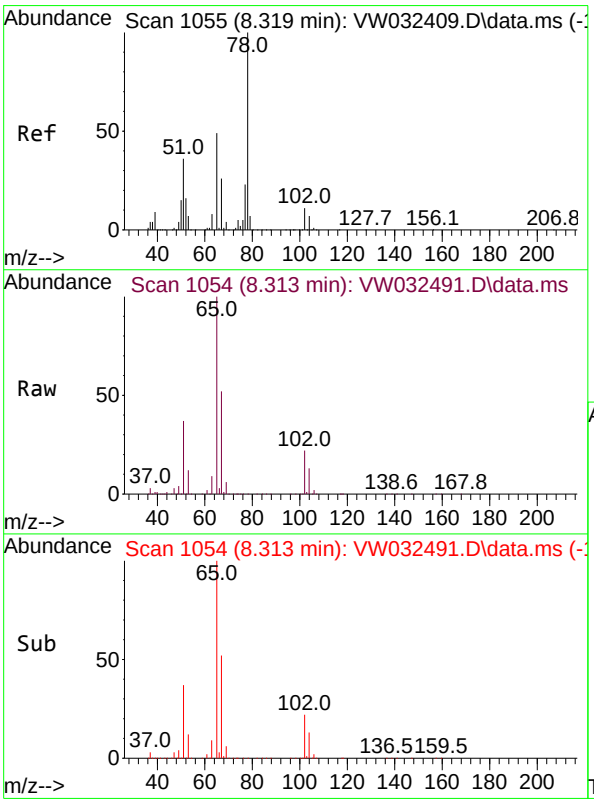
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBL01

Tgt Ion:168 Resp: 218109

Ion	Ratio	Lower	Upper
168	100		
99	60.5	45.4	68.2

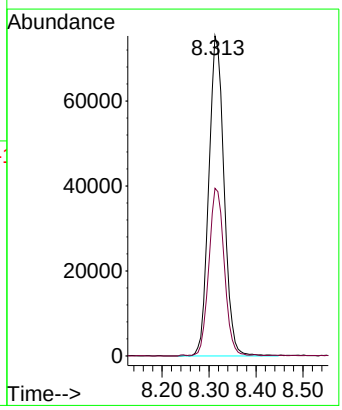


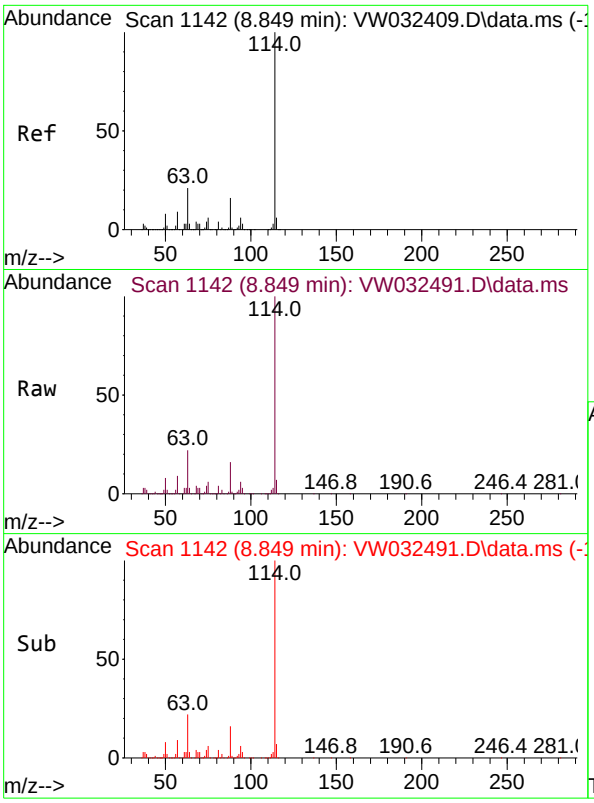


#33
1,2-Dichloroethane-d4
Concen: 60.543 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Tgt Ion: 65 Resp: 170243

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8



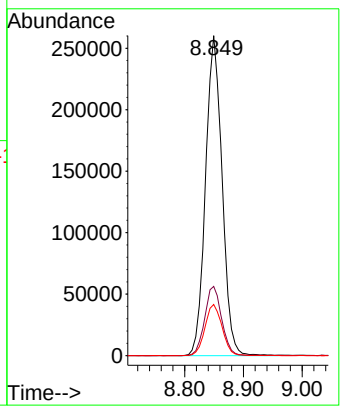


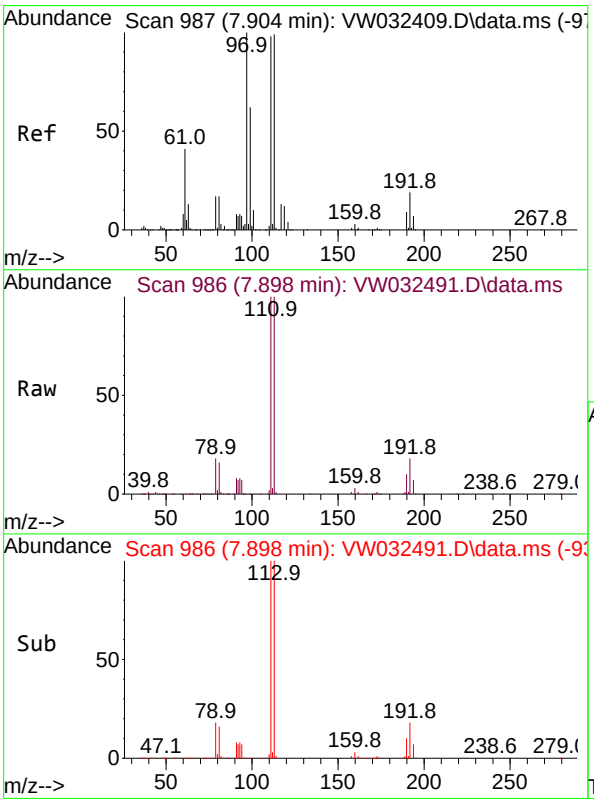
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBL01

Tgt Ion:114 Resp: 508852

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	16.0	0.0	32.6

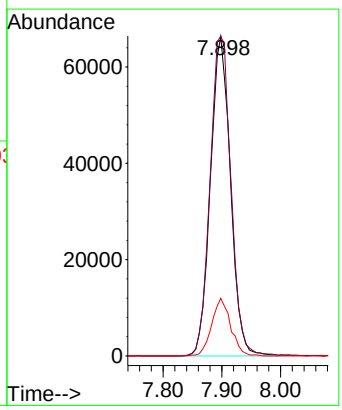


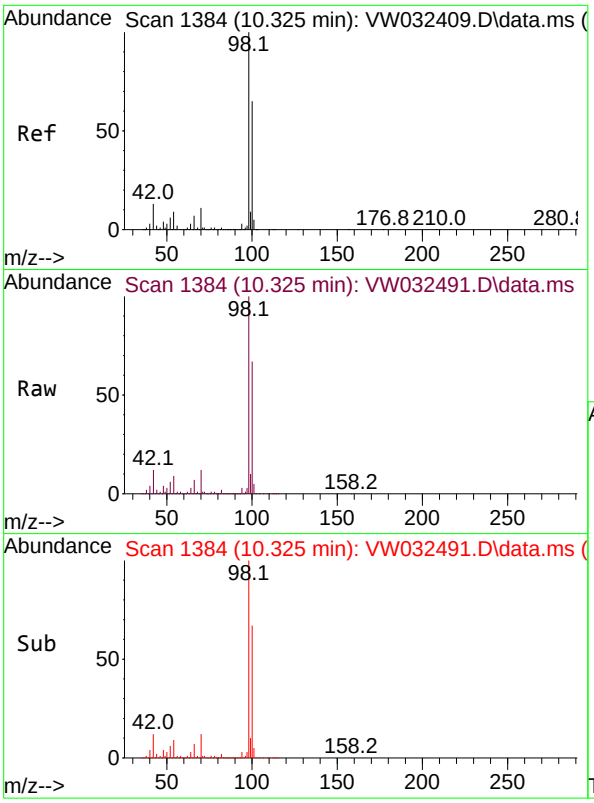


#35
Dibromofluoromethane
Concen: 51.644 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Tgt Ion:113 Resp: 157341

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.1	124.7
192	17.1	13.4	20.2



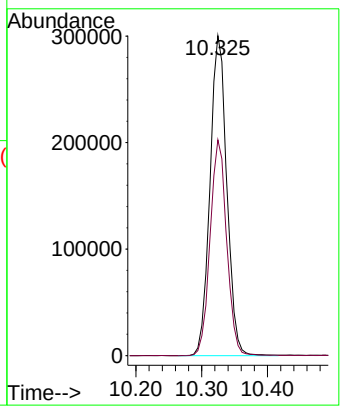


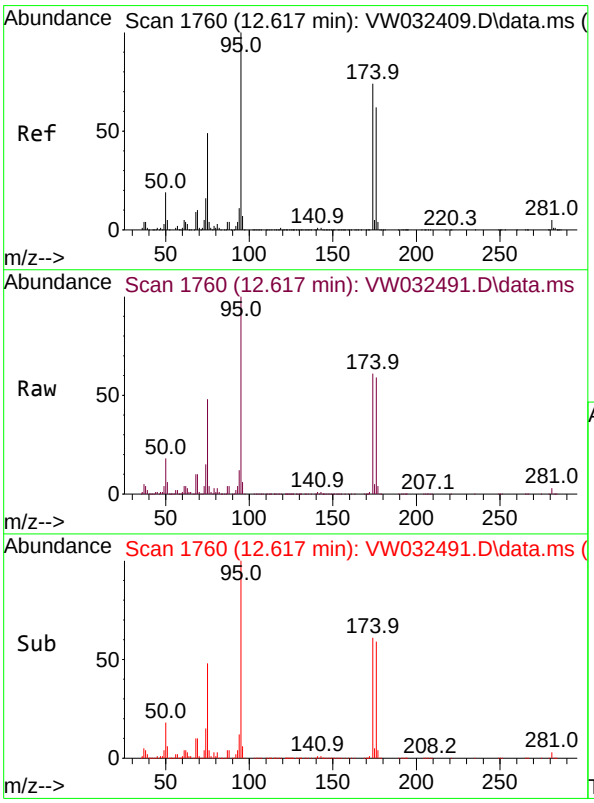
#50
Toluene-d8
Concen: 45.501 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBL01

Tgt Ion: 98 Resp: 531813

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

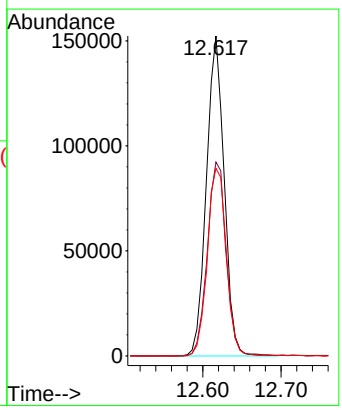


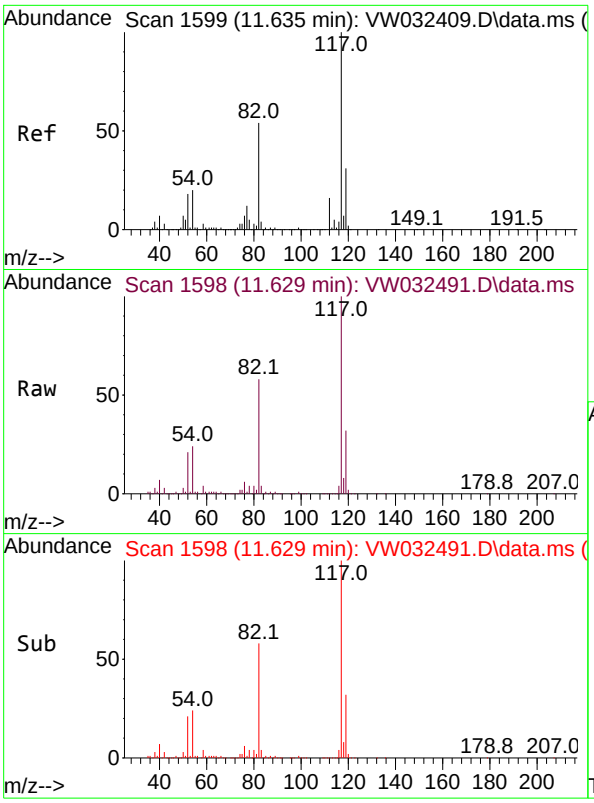


#62
4-Bromofluorobenzene
Concen: 54.449 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Tgt Ion: 95 Resp: 240405

Ion	Ratio	Lower	Upper
95	100		
174	64.1	0.0	135.4
176	62.7	0.0	131.8



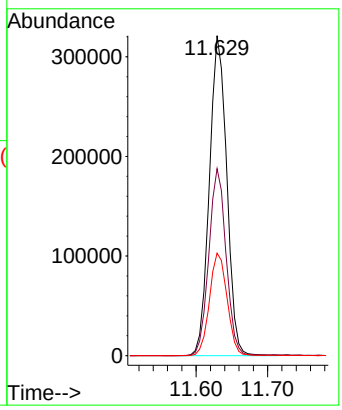


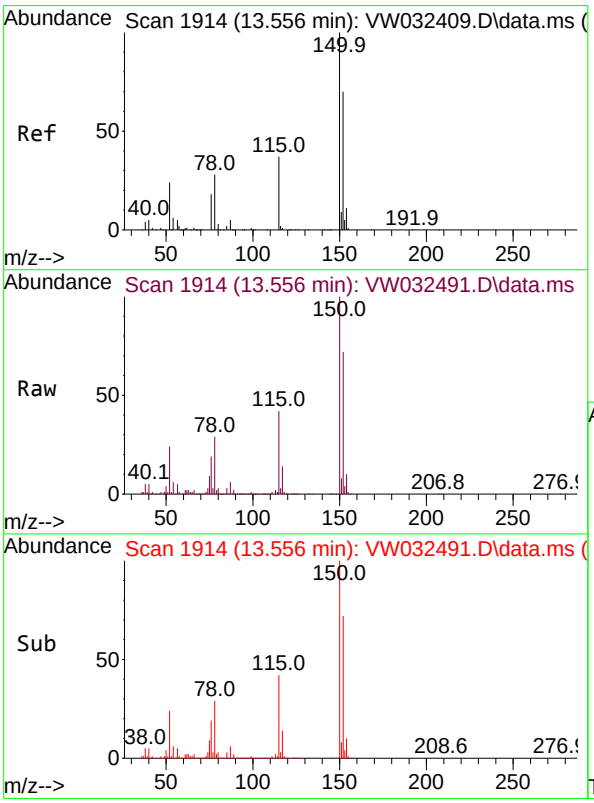
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBL01

Tgt Ion:117 Resp: 541801

Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.0	64.4
119	32.0	25.0	37.6

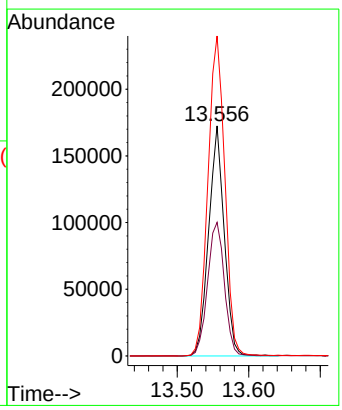




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032491.D
Acq: 19 Nov 2025 10:36

Tgt Ion:152 Resp: 260882

Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.8	98.3
150	150.5	0.0	356.6



Raw Data: **VW032492.D**

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

Report of Analysis

Client:	Ambric Technology Corporation			Date Collected:	
Project:	6506 Haverford Road			Date Received:	
Client Sample ID:	VW1119SBS01			SDG No.:	Q3619
Lab Sample ID:	VW1119SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	19.5		1	0.73	5.00	ug/Kg	11/19/25 11:11	VW111925
71-43-2	Benzene	21.4		1	0.79	5.00	ug/Kg	11/19/25 11:11	VW111925
108-88-3	Toluene	21.8		1	0.78	5.00	ug/Kg	11/19/25 11:11	VW111925
106-93-4	1,2-Dibromoethane	20.5		1	0.88	5.00	ug/Kg	11/19/25 11:11	VW111925
100-41-4	Ethyl Benzene	20.7		1	0.67	5.00	ug/Kg	11/19/25 11:11	VW111925
179601-23-1	m/p-Xylenes	41.8		1	1.20	10.0	ug/Kg	11/19/25 11:11	VW111925
1330-20-7	Total Xylenes	62.1		1	2.02	15.0	ug/Kg	11/19/25 11:11	VW111925
95-47-6	o-Xylene	20.3		1	0.82	5.00	ug/Kg	11/19/25 11:11	VW111925
98-82-8	Isopropylbenzene	19.2		1	0.78	5.00	ug/Kg	11/19/25 11:11	VW111925
108-67-8	1,3,5-Trimethylbenzene	20.3		1	0.82	5.00	ug/Kg	11/19/25 11:11	VW111925
95-63-6	1,2,4-Trimethylbenzene	20.0		1	0.64	5.00	ug/Kg	11/19/25 11:11	VW111925
91-20-3	Naphthalene	17.0		1	2.60	5.00	ug/Kg	11/19/25 11:11	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.2			63 - 155	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.8			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	52.2			74 - 123	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.7			52 - 138	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	361000							
540-36-3	1,4-Difluorobenzene	660000							
3114-55-4	Chlorobenzene-d5	591000							
3855-82-1	1,4-Dichlorobenzene-d4	285000							

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

Sample Results: **VW032492.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032492.D
Acq On : 19 Nov 2025 11:11
Operator : SY/MD
Sample : VW1119SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:15:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	361405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	660085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	590674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	243218	52.200	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.400%			
35) Dibromofluoromethane	7.898	113	204531	51.753	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.500%			
50) Toluene-d8	10.325	98	790714	52.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.617	95	290609	50.740	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	36626	19.975	ug/l	95
3) Chloromethane	2.253	50	68922	21.929	ug/l	94
4) Vinyl Chloride	2.399	62	86866	21.900	ug/l	97
5) Bromomethane	2.820	94	57660	21.731	ug/l	95
6) Chloroethane	2.966	64	53005	20.425	ug/l	97
7) Trichlorofluoromethane	3.302	101	56783	18.259	ug/l	86
8) Diethyl Ether	3.716	74	51404	20.217	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	73456	21.683	ug/l	98
10) Methyl Iodide	4.301	142	112464	20.612	ug/l	99
11) Tert butyl alcohol	5.210	59	38806	96.318	ug/l	99
12) 1,1-Dichloroethene	4.076	96	81722	21.038	ug/l	95
13) Acrolein	3.924	56	57195	84.610	ug/l	96
14) Allyl chloride	4.704	41	153990	20.614	ug/l	98
15) Acrylonitrile	5.393	53	146028	99.332	ug/l	99
16) Acetone	4.155	43	146713	105.248	ug/l	96
17) Carbon Disulfide	4.417	76	235675	20.527	ug/l	98
18) Methyl Acetate	4.704	43	65632	19.013	ug/l	100
19) Methyl tert-butyl Ether	5.454	73	159847	19.521	ug/l	100
20) Methylene Chloride	4.954	84	112458	22.559	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	93550	21.061	ug/l	99
22) Diisopropyl ether	6.338	45	318965	20.971	ug/l	98
23) Vinyl Acetate	6.277	43	1046362	100.412	ug/l	100
24) 1,1-Dichloroethane	6.240	63	179819	21.579	ug/l	99
25) 2-Butanone	7.191	43	197486	96.163	ug/l	99
26) 2,2-Dichloropropane	7.179	77	95756	20.619	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	110174	20.759	ug/l	98
28) Bromochloromethane	7.527	49	86496	21.961	ug/l	97
29) Tetrahydrofuran	7.551	42	125719	96.449	ug/l	99
30) Chloroform	7.685	83	178648	21.899	ug/l	98
31) Cyclohexane	7.965	56	155531	20.177	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	123378	21.171	ug/l	97
36) 1,1-Dichloropropene	8.093	75	124481	21.377	ug/l	100
37) Ethyl Acetate	7.270	43	89812	20.742	ug/l	96
38) Carbon Tetrachloride	8.081	117	110629	21.382	ug/l	97
39) Methylcyclohexane	9.343	83	147857	19.601	ug/l	96
40) Benzene	8.331	78	401357	21.403	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032492.D
Acq On : 19 Nov 2025 11:11
Operator : SY/MD
Sample : VW1119SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 01:15:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	48775	20.506	ug/l		96
42) 1,2-Dichloroethane	8.411	62	120348	21.849	ug/l		99
43) Isopropyl Acetate	8.435	43	149609	19.513	ug/l		98
44) Trichloroethene	9.099	130	90301	20.695	ug/l		94
45) 1,2-Dichloropropane	9.374	63	100404	21.503	ug/l		100
46) Dibromomethane	9.465	93	58816	21.556	ug/l		98
47) Bromodichloromethane	9.648	83	129606	20.823	ug/l		97
48) Methyl methacrylate	9.441	41	66792	18.333	ug/l		95
49) 1,4-Dioxane	9.459	88	14834	388.079	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.209	43	433442	102.263	ug/l		98
52) Toluene	10.386	92	252405	21.791	ug/l		97
53) t-1,3-Dichloropropene	10.605	75	129416	20.189	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	148531	20.037	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	79341	21.196	ug/l		97
56) Ethyl methacrylate	10.642	69	109811	19.120	ug/l		99
57) 1,3-Dichloropropane	10.934	76	141967	21.235	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.929	63	327225	106.985	ug/l		99
59) 2-Hexanone	10.965	43	299147	96.466	ug/l		98
60) Dibromochloromethane	11.130	129	87995	21.051	ug/l		99
61) 1,2-Dibromoethane	11.239	107	74808	20.519	ug/l		100
64) Tetrachloroethene	10.867	164	72274	20.662	ug/l		94
65) Chlorobenzene	11.654	112	268333	21.077	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.727	131	81845	20.773	ug/l		99
67) Ethyl Benzene	11.727	91	455523	20.679	ug/l		98
68) m/p-Xylenes	11.837	106	345847	41.815	ug/l		98
69) o-Xylene	12.166	106	160949	20.324	ug/l		100
70) Styrene	12.178	104	287144	21.078	ug/l		99
71) Bromoform	12.343	173	45773	19.614	ug/l	#	98
73) Isopropylbenzene	12.465	105	402569	19.201	ug/l		99
74) N-amyl acetate	12.270	43	139579	19.158	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.715	83	101457	20.390	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	84952m	21.703	ug/l		
77) Bromobenzene	12.739	156	99858	20.116	ug/l		97
78) n-propylbenzene	12.800	91	524701	20.550	ug/l		98
79) 2-Chlorotoluene	12.885	91	313773	20.131	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	350920	20.288	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	31435	18.394	ug/l		90
82) 4-Chlorotoluene	12.983	91	335416	20.690	ug/l		99
83) tert-Butylbenzene	13.202	119	283999	18.874	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	351381	19.972	ug/l		98
85) sec-Butylbenzene	13.379	105	431962	19.276	ug/l		100
86) p-Isopropyltoluene	13.495	119	363724	19.658	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	198267	21.066	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	196748	20.404	ug/l		95
89) n-Butylbenzene	13.818	91	357992	19.804	ug/l		98
90) Hexachloroethane	14.086	117	64025	19.192	ug/l		96
91) 1,2-Dichlorobenzene	13.867	146	184603	21.366	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16213	18.914	ug/l		96
93) 1,2,4-Trichlorobenzene	15.129	180	105148	19.124	ug/l		98
94) Hexachlorobutadiene	15.226	225	44260	19.379	ug/l		96
95) Naphthalene	15.360	128	232705	16.972	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	100646	20.163	ug/l		92

Sample Results: **VW032492.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032492.D
Acq On : 19 Nov 2025 11:11
Operator : SY/MD
Sample : VW1119SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 01:15:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

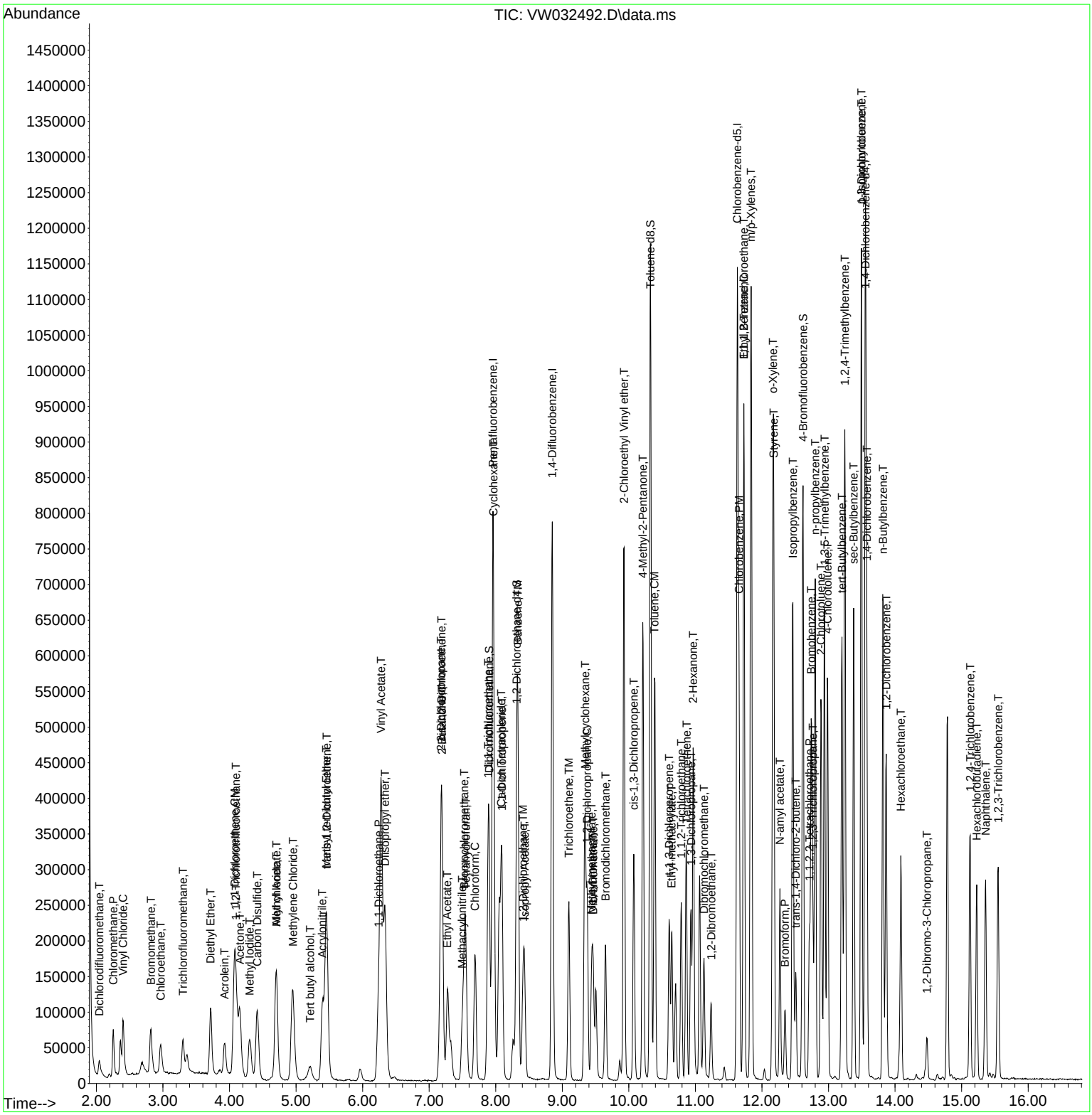
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032492.D
Acq On : 19 Nov 2025 11:11
Operator : SY/MD
Sample : VW1119SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 01:15:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



Raw Data: **VW032493.D**

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

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	
Project:	6506 Haverford Road	Date Received:	
Client Sample ID:	VW1119SBSD01	SDG No.:	Q3619
Lab Sample ID:	VW1119SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOCMS Group10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	20.4		1	0.73	5.00	ug/Kg	11/19/25 11:33	VW111925
71-43-2	Benzene	20.7		1	0.79	5.00	ug/Kg	11/19/25 11:33	VW111925
108-88-3	Toluene	20.6		1	0.78	5.00	ug/Kg	11/19/25 11:33	VW111925
106-93-4	1,2-Dibromoethane	20.2		1	0.88	5.00	ug/Kg	11/19/25 11:33	VW111925
100-41-4	Ethyl Benzene	20.4		1	0.67	5.00	ug/Kg	11/19/25 11:33	VW111925
179601-23-1	m/p-Xylenes	41.1		1	1.20	10.0	ug/Kg	11/19/25 11:33	VW111925
1330-20-7	Total Xylenes	61.2		1	2.02	15.0	ug/Kg	11/19/25 11:33	VW111925
95-47-6	o-Xylene	20.1		1	0.82	5.00	ug/Kg	11/19/25 11:33	VW111925
98-82-8	Isopropylbenzene	18.3		1	0.78	5.00	ug/Kg	11/19/25 11:33	VW111925
108-67-8	1,3,5-Trimethylbenzene	19.0		1	0.82	5.00	ug/Kg	11/19/25 11:33	VW111925
95-63-6	1,2,4-Trimethylbenzene	19.4		1	0.64	5.00	ug/Kg	11/19/25 11:33	VW111925
91-20-3	Naphthalene	17.9		1	2.60	5.00	ug/Kg	11/19/25 11:33	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			63 - 155	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.7			70 - 134	97%	SPK: 50		
2037-26-5	Toluene-d8	49.1			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.5			52 - 138	97%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	360000							
540-36-3	1,4-Difluorobenzene	689000							
3114-55-4	Chlorobenzene-d5	608000							
3855-82-1	1,4-Dichlorobenzene-d4	309000							

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

Sample Results: **VW032493.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032493.D
Acq On : 19 Nov 2025 11:33
Operator : SY/MD
Sample : VW1119SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:16:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	359816	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	689209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	607735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	308754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	243549	52.502	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.000%			
35) Dibromofluoromethane	7.904	113	200981	48.705	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 97.420%			
50) Toluene-d8	10.325	98	776766	49.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.617	95	290059	48.504	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	37548	20.568	ug/l	92
3) Chloromethane	2.253	50	67585	21.599	ug/l	99
4) Vinyl Chloride	2.399	62	83156	21.057	ug/l	99
5) Bromomethane	2.820	94	56579	21.418	ug/l	91
6) Chloroethane	2.966	64	53533	20.719	ug/l	95
7) Trichlorofluoromethane	3.302	101	65038	21.005	ug/l	99
8) Diethyl Ether	3.722	74	52038	20.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	74475	22.081	ug/l	98
10) Methyl Iodide	4.308	142	115820	21.320	ug/l	98
11) Tert butyl alcohol	5.210	59	45136	112.524	ug/l #	93
12) 1,1-Dichloroethene	4.076	96	82284	21.276	ug/l	94
13) Acrolein	3.930	56	58640	87.131	ug/l	98
14) Allyl chloride	4.704	41	152847	20.551	ug/l	96
15) Acrylonitrile	5.399	53	156743	107.091	ug/l	99
16) Acetone	4.161	43	159113	114.648	ug/l	96
17) Carbon Disulfide	4.417	76	235314	20.586	ug/l	99
18) Methyl Acetate	4.710	43	70082	20.392	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	166154	20.381	ug/l	100
20) Methylene Chloride	4.954	84	115290	23.229	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	95567	21.610	ug/l	95
22) Diisopropyl ether	6.344	45	327680	21.639	ug/l	98
23) Vinyl Acetate	6.283	43	1099201	105.949	ug/l	97
24) 1,1-Dichloroethane	6.246	63	181876	21.922	ug/l	99
25) 2-Butanone	7.197	43	217596	106.423	ug/l	97
26) 2,2-Dichloropropane	7.185	77	98393	21.280	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	112582	21.306	ug/l	96
28) Bromochloromethane	7.533	49	87888	22.413	ug/l	95
29) Tetrahydrofuran	7.551	42	138251	106.532	ug/l	98
30) Chloroform	7.691	83	180534	22.228	ug/l	100
31) Cyclohexane	7.972	56	157753	20.556	ug/l #	94
32) 1,1,1-Trichloroethane	7.886	97	124785	21.507	ug/l	98
36) 1,1-Dichloropropene	8.093	75	127307	20.939	ug/l	99
37) Ethyl Acetate	7.277	43	93837	20.756	ug/l	99
38) Carbon Tetrachloride	8.087	117	109428	20.256	ug/l	89
39) Methylcyclohexane	9.343	83	150595	19.120	ug/l	94
40) Benzene	8.337	78	406260	20.749	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032493.D
Acq On : 19 Nov 2025 11:33
Operator : SY/MD
Sample : VW1119SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 01:16:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	52848	21.279	ug/l		95
42) 1,2-Dichloroethane	8.410	62	122685	21.332	ug/l		100
43) Isopropyl Acetate	8.435	43	158691	19.823	ug/l		99
44) Trichloroethene	9.105	130	93336	20.486	ug/l		93
45) 1,2-Dichloropropane	9.374	63	101659	20.852	ug/l		97
46) Dibromomethane	9.465	93	60670	21.295	ug/l		98
47) Bromodichloromethane	9.648	83	134160	20.644	ug/l		99
48) Methyl methacrylate	9.441	41	72320	19.011	ug/l		95
49) 1,4-Dioxane	9.459	88	15319	383.832	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.215	43	467147	105.557	ug/l		99
52) Toluene	10.392	92	249502	20.630	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	131119	19.591	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	155020	20.029	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	82477	21.103	ug/l		97
56) Ethyl methacrylate	10.648	69	115683	19.291	ug/l		99
57) 1,3-Dichloropropane	10.934	76	145564	20.853	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	329399	103.145	ug/l		99
59) 2-Hexanone	10.971	43	328435	101.435	ug/l		97
60) Dibromochloromethane	11.130	129	88991	20.389	ug/l		98
61) 1,2-Dibromoethane	11.239	107	76725	20.156	ug/l		99
64) Tetrachloroethene	10.861	164	76972	21.388	ug/l		94
65) Chlorobenzene	11.660	112	277740	21.203	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	85463	21.082	ug/l		98
67) Ethyl Benzene	11.727	91	462585	20.410	ug/l		97
68) m/p-Xylenes	11.837	106	349649	41.088	ug/l		100
69) o-Xylene	12.166	106	163377	20.051	ug/l		99
70) Styrene	12.178	104	300762	21.458	ug/l		96
71) Bromoform	12.349	173	48376	20.147	ug/l	#	96
73) Isopropylbenzene	12.465	105	415533	18.325	ug/l		98
74) N-amyl acetate	12.270	43	146488	18.591	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.715	83	104018	19.329	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	89934m	21.243	ug/l		
77) Bromobenzene	12.739	156	96893	18.047	ug/l		88
78) n-propylbenzene	12.800	91	530953	19.227	ug/l		99
79) 2-Chlorotoluene	12.891	91	322532	19.133	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	356299	19.046	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	32650	17.664	ug/l		91
82) 4-Chlorotoluene	12.983	91	342431	19.530	ug/l		97
83) tert-Butylbenzene	13.202	119	295411	18.153	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	368482	19.366	ug/l		99
85) sec-Butylbenzene	13.379	105	450010	18.567	ug/l		99
86) p-Isopropyltoluene	13.495	119	375159	18.747	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	203300	19.972	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	197864	18.973	ug/l		94
89) n-Butylbenzene	13.818	91	369310	18.890	ug/l		98
90) Hexachloroethane	14.086	117	68321	18.936	ug/l		95
91) 1,2-Dichlorobenzene	13.867	146	190098	20.343	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17581	18.964	ug/l		97
93) 1,2,4-Trichlorobenzene	15.123	180	112717	18.955	ug/l		97
94) Hexachlorobutadiene	15.232	225	47001	19.028	ug/l		95
95) Naphthalene	15.360	128	265837	17.927	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	101880	18.871	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032493.D
Acq On : 19 Nov 2025 11:33
Operator : SY/MD
Sample : VW1119SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:16:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

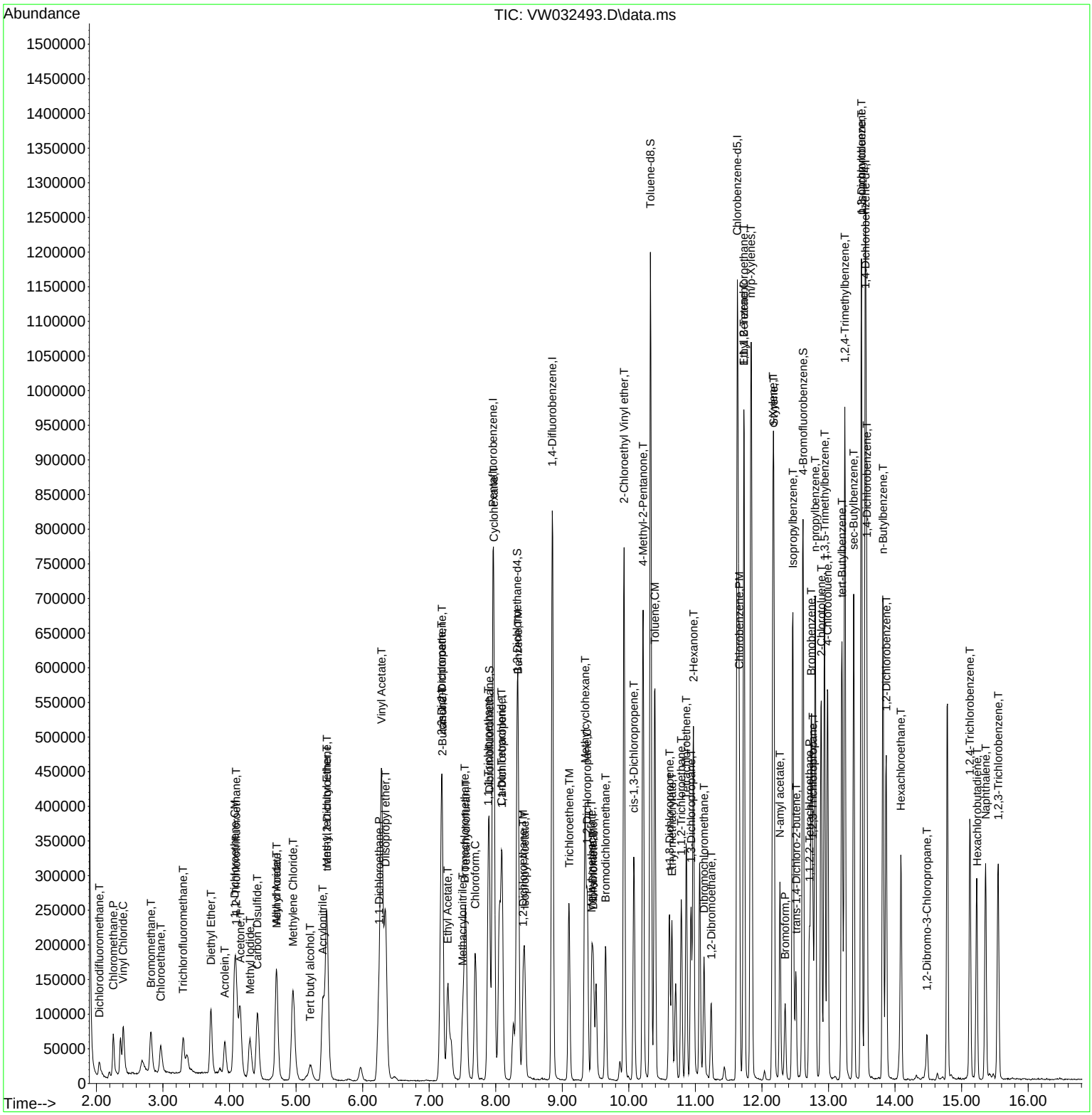
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032493.D
Acq On : 19 Nov 2025 11:33
Operator : SY/MD
Sample : VW1119SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 01:16:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



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

Manual Integration Report

Sequence:	VW111025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032406.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:31 AM	sam	11/11/2025 12:29:21 PM	Peak Integrated by Software
VSTDICC005	VW032406.D	Dichlorodifluoromethane	Amit	11/11/2025 9:30:31 AM	sam	11/11/2025 12:29:21 PM	Peak Integrated by Software
VSTDICC010	VW032407.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:35 AM	sam	11/11/2025 12:29:25 PM	Peak Integrated by Software
VSTDICC010	VW032407.D	Dichlorodifluoromethane	Amit	11/11/2025 9:30:35 AM	sam	11/11/2025 12:29:25 PM	Peak Integrated by Software
VSTDICC020	VW032408.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:39 AM	sam	11/11/2025 12:30:15 PM	Peak Integrated by Software
VSTDICCC050	VW032409.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:43 AM	sam	11/11/2025 12:29:38 PM	Peak Integrated by Software
VSTDICC100	VW032410.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:48 AM	sam	11/11/2025 12:30:21 PM	Peak Integrated by Software
VSTDICC150	VW032411.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:52 AM	sam	11/11/2025 12:29:30 PM	Peak Integrated by Software
VSTDICV050	VW032413.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:57 AM	sam	11/11/2025 12:29:34 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW111925	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032490.D	1,2,3-Trichloropropane	Amit	11/20/2025 8:22:40 AM	MMDadoda	11/20/2025 10:02:19 AM	Peak Integrated by Software
VW1119SBS01	VW032492.D	1,2,3-Trichloropropane	Amit	11/20/2025 8:22:45 AM	MMDadoda	11/20/2025 10:02:23 AM	Peak Integrated by Software
VW1119SBSD01	VW032493.D	1,2,3-Trichloropropane	Amit	11/20/2025 8:22:49 AM	MMDadoda	11/20/2025 10:02:28 AM	Peak Integrated by Software
VSTDCCC050	VW032509.D	1,2,3-Trichloropropane	Amit	11/20/2025 8:22:58 AM	MMDadoda	11/20/2025 10:02:37 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 1:37:22 PM		
SubDirectory	VW111025	HP Acquire Method	VP134934	HP Processing Method	

STD. NAME	STD REF.#
Tune/Reschk	VP136122
Initial Calibration Stds	VP136123,VP136124,VP136125,VP136126,VP136127,VP136128
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136129
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032405.D	10 Nov 2025 14:20	SY/MD	Ok
2	VSTDICC005	VW032406.D	10 Nov 2025 15:11	SY/MD	Ok,M
3	VSTDICC010	VW032407.D	10 Nov 2025 15:33	SY/MD	Ok,M
4	VSTDICC020	VW032408.D	10 Nov 2025 15:55	SY/MD	Ok,M
5	VSTDICCC050	VW032409.D	10 Nov 2025 16:17	SY/MD	Ok,M
6	VSTDICC100	VW032410.D	10 Nov 2025 16:39	SY/MD	Ok,M
7	VSTDICC150	VW032411.D	10 Nov 2025 17:00	SY/MD	Ok,M
8	VIBLK	VW032412.D	10 Nov 2025 17:22	SY/MD	Ok
9	VSTDICV050	VW032413.D	10 Nov 2025 17:44	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111925

Review By	Amit Patel	Review On	11/20/2025 8:23:16 AM				
Supervise By	Mahesh Dadoda	Supervise On	11/20/2025 10:02:48 AM				
SubDirectory	VW111925	HP Acquire Method	MSVOA_W		HP Processing Method	82w111025s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP136334
Initial Calibration Stds	
CCC	VP136335,VP136336
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032489.D	19 Nov 2025 09:32	SY/MD	Ok
2	VSTDCCC050	VW032490.D	19 Nov 2025 10:01	SY/MD	Ok,M
3	VW1119SBL01	VW032491.D	19 Nov 2025 10:36	SY/MD	Ok
4	VW1119SBS01	VW032492.D	19 Nov 2025 11:11	SY/MD	Ok,M
5	VW1119SBSD01	VW032493.D	19 Nov 2025 11:33	SY/MD	Ok,M
6	Q3619-17	VW032494.D	19 Nov 2025 12:08	SY/MD	Ok
7	VIBLK	VW032495.D	19 Nov 2025 12:30	SY/MD	Ok
8	Q3649-02	VW032496.D	19 Nov 2025 12:52	SY/MD	Ok
9	Q3649-04	VW032497.D	19 Nov 2025 13:14	SY/MD	Ok
10	Q3661-02RE	VW032498.D	19 Nov 2025 13:36	SY/MD	Confirms
11	Q3669-01	VW032499.D	19 Nov 2025 13:58	SY/MD	Ok,M
12	Q3664-01	VW032500.D	19 Nov 2025 14:20	SY/MD	Ok
13	Q3664-03	VW032501.D	19 Nov 2025 14:42	SY/MD	ReRun
14	Q3664-05	VW032502.D	19 Nov 2025 15:04	SY/MD	Ok
15	Q3619-03	VW032503.D	19 Nov 2025 15:26	SY/MD	Ok
16	Q3619-04	VW032504.D	19 Nov 2025 15:49	SY/MD	Ok
17	Q3619-09	VW032505.D	19 Nov 2025 16:10	SY/MD	Ok
18	Q3619-14	VW032506.D	19 Nov 2025 16:32	SY/MD	Ok
19	Q3619-18	VW032507.D	19 Nov 2025 16:53	SY/MD	Ok
20	VIBLK	VW032508.D	19 Nov 2025 17:16	SY/MD	Ok
21	VSTDCCC050	VW032509.D	19 Nov 2025 17:37	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 1:37:22 PM		
SubDirectory	VW111025	HP Acquire Method	VP134934	HP Processing Method	

STD. NAME	STD REF.#
Tune/Reschk	VP136122
Initial Calibration Stds	VP136123,VP136124,VP136125,VP136126,VP136127,VP136128
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136129
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032405.D	10 Nov 2025 14:20		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032406.D	10 Nov 2025 15:11		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032407.D	10 Nov 2025 15:33		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032408.D	10 Nov 2025 15:55		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032409.D	10 Nov 2025 16:17		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW032410.D	10 Nov 2025 16:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032411.D	10 Nov 2025 17:00		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032412.D	10 Nov 2025 17:22		SY/MD	Ok
9	VSTDICV050	ICVVW111025	VW032413.D	10 Nov 2025 17:44		SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111925

Review By	Amit Patel	Review On	11/20/2025 8:23:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/20/2025 10:02:48 AM		
SubDirectory	VW111925	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136334
Initial Calibration Stds	
CCC	VP136335,VP136336
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032489.D	19 Nov 2025 09:32		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032490.D	19 Nov 2025 10:01		SY/MD	Ok,M
3	VW1119SBL01	VW1119SBL01	VW032491.D	19 Nov 2025 10:36		SY/MD	Ok
4	VW1119SBS01	VW1119SBS01	VW032492.D	19 Nov 2025 11:11		SY/MD	Ok,M
5	VW1119SBSD01	VW1119SBSD01	VW032493.D	19 Nov 2025 11:33		SY/MD	Ok,M
6	Q3619-17	GP-B4(8-12)	VW032494.D	19 Nov 2025 12:08	vial-A	SY/MD	Ok
7	VIBLK	VIBLK	VW032495.D	19 Nov 2025 12:30		SY/MD	Ok
8	Q3649-02	B5-0.5-1.0-20251114	VW032496.D	19 Nov 2025 12:52	vial-B	SY/MD	Ok
9	Q3649-04	DUPE-0.5-1.0-2025111	VW032497.D	19 Nov 2025 13:14	vial-B	SY/MD	Ok
10	Q3661-02RE	VOCRE	VW032498.D	19 Nov 2025 13:36	vial-B Internal Standard Fail	SY/MD	Confirms
11	Q3669-01	EO-01-11182025	VW032499.D	19 Nov 2025 13:58	vial-A	SY/MD	Ok,M
12	Q3664-01	ARS20-0001	VW032500.D	19 Nov 2025 14:20	vial-A	SY/MD	Ok
13	Q3664-03	ARS20-0013	VW032501.D	19 Nov 2025 14:42	vial-A Surrogate Fail	SY/MD	ReRun
14	Q3664-05	291399	VW032502.D	19 Nov 2025 15:04	vial-A	SY/MD	Ok
15	Q3619-03	GP-B1(8-12)	VW032503.D	19 Nov 2025 15:26	vial-A	SY/MD	Ok
16	Q3619-04	GP-B1(12-16)	VW032504.D	19 Nov 2025 15:49	vial-A	SY/MD	Ok
17	Q3619-09	GP-B2(12-16)	VW032505.D	19 Nov 2025 16:10	vial-A	SY/MD	Ok
18	Q3619-14	GP-B3(13.2)	VW032506.D	19 Nov 2025 16:32	vial-A	SY/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111925

Review By	Amit Patel	Review On	11/20/2025 8:23:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/20/2025 10:02:48 AM		
SubDirectory	VW111925	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136334
Initial Calibration Stds	
CCC	VP136335,VP136336
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3619-18	GP-B4(13.2)	VW032507.D	19 Nov 2025 16:53	vial-A	SY/MD	Ok
20	VIBLK	VIBLK	VW032508.D	19 Nov 2025 17:16		SY/MD	Ok
21	VSTDCCC050	VSTDCCC050EC	VW032509.D	19 Nov 2025 17:37		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 11/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 11/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137887

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3577-07	WC-1A	1	1.15	11.09	12.24	10.71	86.2	
Q3619-03	GP-B1(8-12)	2	1.11	10.32	11.43	9.87	84.9	
Q3619-04	GP-B1(12-16)	3	1.15	10.80	11.95	8.92	71.9	
Q3619-09	GP-B2(12-16)	4	1.17	10.40	11.57	9.33	78.5	
Q3619-14	GP-B3(13.2)	5	1.13	10.30	11.43	10.5	91.0	
Q3619-17	GP-B4(8-12)	6	1.19	10.63	11.82	8.58	69.5	
Q3619-18	GP-B4(13.2)	7	1.16	10.59	11.75	10.74	90.5	
Q3628-01	TP-5	8	1.18	10.52	11.7	10.48	88.4	
Q3628-02	TP-5-EPH	9	1.15	10.30	11.45	10.18	87.7	
Q3628-03	TP-5-VOC	10	1.16	10.73	11.89	10.58	87.8	
Q3631-01	VNJ-202	11	1.15	10.21	11.36	9.92	85.9	
Q3631-02	VNJ-202-EPH-2	12	1.18	10.30	11.48	10.2	87.6	
Q3631-03	VNJ-208	13	1.13	10.63	11.76	10.42	87.4	
Q3631-04	VNJ-208-EPH-2	14	1.11	10.60	11.71	10.32	86.9	
Q3632-01	KMA880X-A	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3632-02	KMA880X-B	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3632-03	HEEZ283K-A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3632-04	HEEZ283K-B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3632-05	HEE488W-A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3632-06	HEE488W-B	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3633-01	ETGI-369	21	1.15	11.03	12.18	10.22	82.2	
Q3633-02	ETGI-369-EPH-2	22	1.19	10.65	11.84	9.99	82.6	
Q3633-03	ETGI-342	23	1.18	10.37	11.55	10.61	90.9	
Q3633-03D	ETGI-342DUP	24	1.11	10.46	11.57	10.64	91.1	
Q3633-04	ETGI-342-EPH-2	25	1.19	10.42	11.61	10.6	90.3	
Q3633-05	ETGI-368	26	1.19	10.51	11.7	10.74	90.9	
Q3633-06	ETGI-368-EPH-2	27	1.13	10.50	11.63	10.63	90.5	
Q3634-01	245F32-A	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 11/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 11/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137887

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3634-02	245F32-B	29	1.00	1.00	2.00	2.00	100.0	PILC

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WH 137887

WorkList Name : %1-111325 **WorkList ID :** 193093 **Department :** Wet-Chemistry **Date :** 11-13-2025 08:22:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3577-07	WC-1A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3619-03	GP-B1(8-12)	Solid	Percent Solids	Cool 4 deg C	AMBR01	D31	11/12/2025	Chemtech -SO
Q3619-04	GP-B1(12-16)	Solid	Percent Solids	Cool 4 deg C	AMBR01	D31	11/12/2025	Chemtech -SO
Q3619-09	GP-B2(12-16)	Solid	Percent Solids	Cool 4 deg C	AMBR01	D31	11/12/2025	Chemtech -SO
Q3619-14	GP-B3(13.2)	Solid	Percent Solids	Cool 4 deg C	AMBR01	D31	11/12/2025	Chemtech -SO
Q3619-17	GP-B4(8-12)	Solid	Percent Solids	Cool 4 deg C	AMBR01	D31	11/12/2025	Chemtech -SO
Q3619-18	GP-B4(13.2)	Solid	Percent Solids	Cool 4 deg C	AMBR01	D31	11/12/2025	Chemtech -SO
Q3628-01	TP-5	Solid	Percent Solids	Cool 4 deg C	AMBR01	D31	11/12/2025	Chemtech -SO
Q3628-02	TP-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3628-03	TP-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3631-01	VNJ-202	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3631-02	VNJ-202-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3631-03	VNJ-208	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3631-04	VNJ-208-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3632-01	KMA880X-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3632-02	KMA880X-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3632-03	HEEZ283K-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3632-04	HEEZ283K-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3632-05	HEE488W-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3632-06	HEE488W-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3633-01	ETGI-369	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO

Date/Time 11-13-25 15:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 11-13-25 17:25

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 137887

WorkList Name : %1-111325 **WorkList ID :** 193093 **Department :** Wet-Chemistry **Date :** 11-13-2025 08:22:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3633-02	ETGI-369-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3633-03	ETGI-342	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3633-04	ETGI-342-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3633-05	ETGI-368	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3633-06	ETGI-368-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3634-01	245F32-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO
Q3634-02	245F32-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/13/2025	Chemtech -SO

Date/Time 11-13-25 13:10

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 11-13-25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q3619
QUOTE NO.
COC Number 2047205

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Authnic Technology Corporation
ADDRESS: 6505 Haverford Ave.
CITY Philadelphia STATE: PA ZIP: 19139
ATTENTION: Gary Meisel
PHONE: 215-928-8930 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 6505 Haverford Ave.
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ 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
☐ EDD FORMAT

ANALYSIS

1: VOCs Group 10
2: Met. Group 10
3. Only Readings*
4
5
6
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 F/F 1	PRESERVATIVES E 2	3	4	5	6	7	8	9	COMMENTS
1.	GP-B1-(0'-4')	S			11-12	0850				X							PPM-0.2
2.	(4'-8')					0858				X							PPM-1.3
3.	(8'-12')			X		0907	5	X	X								PPM-1.9
4.	(12'-16')			X		0915	5	X	X								PPM-0.6
5.	(16.2')					0922				X							PPM-0.8/Refusal
6.	GP-B2-(0'-4')					0929				X							PPM-0.0
7.	(4'-8')					0938				X							PPM-0.0
8.	(8'-12')					0944				X							PPM-0.0
9.	(12'-16')			X		0951	5	X	X								PPM-1.5
10.	(16.2')					0958				X							PPM-0.0/Refusal

COMMENTS ← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1		1200 11-12-25	1.
2		DATE/TIME:	2.
3		1350 11-12-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.7 + 0 = 4.7 °C
Comments: * Only Readings No Samples Collected.
* Terra Cores used for VOCs

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3619
COC Number 2047206

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Ambit Technology Corporation
ADDRESS: 6505 Haverford Ave
CITY Philadelphia STATE: PA ZIP: 19139
ATTENTION: Gary Mersel
PHONE: 215-928-8930 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 6505 Haverford Ave
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ 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 _____
❑ EDD FORMAT _____

ANALYSIS

1: VOCs Group 10
2: Met. Group 10
3: Only Reading *
4
5
6
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 E/F	PRESERVATIVES E	3	4	5	6	7	8	9	COMMENTS
								1	2								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	GP-B3 - (0'-4')	S.		X	11-12	1005				X							PPM-0.0
2.	(4'-8')			X		1002				X							PPM-0.0
3.	(8'-12')			X		1020				X							PPM-0.0
4.	(13.2)			X		1027	5	X	X								PPM-0.0/Refusal
5.	GP-B4 - (0'-4')					1034				X							PPM-0.0
6.	(4'-8')					1039				X							PPM-0.0
7.	(8'-12')			X		1046	5	X	X								PPM-13.5
8.	(13.2')			X		1100	5	X	X								PPM-8.1/Refusal*
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER: 1	DATE/TIME: 1200 11-12-25	RECEIVED BY: 1.
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 1350 11-12-25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 4.7-4.0=4.7
Comments: * Only Readings No Samples Collected
* Sample GP-B4-(13.2') Reached a PPM Reading of 28.5 and settle @ 8.1
* Terra Cores used for VOCs

Page 2 of 2

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

GP-B1

~~S-1~~

(0-4) 0.2
(4-8) 1.3
(8-12) 1.9 - Sample
(12-16) 0.6 - sample (Refusal)
(16.2) 0.8 - (Refusal)

GP-B2

(0-4) 0.0
(4-8) 0.0
(8-12) 0.0
(12-16) 7.5 (Sampled) REFUSAL @(16')
(16.2) 0.0 REFUSAL

GP-B3

(0-4) 0.0
(4-8) - 0.0
(8-12) - 0.0
~~(12-16)~~ - 0.0
(13.1/2) Sampled (REFUSAL)

GP-B4

(0-4) 0.0
(4-8) 0.0
(8-12) - 13.5 (Sampled)
(13'1/2) - 8.1 PPM REFUSAL
↓
(18.1 - 28.5)

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3619 AMBR01
Client Name : Ambric Technology Corpor
Client Contact : Gary Meisel
Invoice Name : Ambric Technology Corpor
Invoice Contact : Gary Meisel

Order Date : 11/12/2025 2:37:47 PM
Project Name : 5506 Haverford Ave
Receive DateTime : 11/12/2025 1:50:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3619-03	GP-B1(8-12)	Solid	11/12/2025	09:07					
					VOCMS Group10		8260D		10 Bus. Days
Q3619-04	GP-B1(12-16)	Solid	11/12/2025	09:15					
					VOCMS Group10		8260D		10 Bus. Days
Q3619-09	GP-B2(12-16)	Solid	11/12/2025	09:51					
					VOCMS Group10		8260D		10 Bus. Days
Q3619-14	GP-B3(13.2)	Solid	11/12/2025	10:27					
					VOCMS Group10		8260D		10 Bus. Days
Q3619-17	GP-B4(8-12)	Solid	11/12/2025	10:46					
					VOCMS Group10		8260D		10 Bus. Days
Q3619-18	GP-B4(13.2)	Solid	11/12/2025	11:00					
					VOCMS Group10		8260D		10 Bus. Days

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LOGIN REPORT/SAMPLE TRANSFER

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Project Name : 5506 Haverford Ave
Receive DateTime : 11/12/2025 1:50:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By :
Date / Time : 11/12/25 15:00
*HOLD SAMPLES

Received By :
Date / Time : 11/12/25 15:00
Storage Area : VOA Refridgerator Room