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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3277	**OrderDate:**	10/2/2025 3:50:00 PM
Client:	G Environmental	**Project:**	Newport
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3277-01	**WC1**	**SOIL**			**09/30/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3277

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**WC1**							
Q3277-01	WC1	SOIL	Methylene Chloride	4.00	J	3.60	10.2	ug/Kg
			Total Voc :	4.00				
			Total Concentration:	4.00				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3277

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3277-01	WC1	1,2-Dichloroethane-d4	50	64.3	129		63	155
		Dibromofluoromethane	50	55.5	111		70	134
		Toluene-d8	50	54.0	108		74	123
		4-Bromofluorobenzene	50	53.6	107		17	146
VW1003SBL01	VW1003SBL01	1,2-Dichloroethane-d4	50	62.5	125		63	155
		Dibromofluoromethane	50	53.4	107		70	134
		Toluene-d8	50	53.6	107		74	123
		4-Bromofluorobenzene	50	50.9	102		17	146
VW1003SBS01	VW1003SBS01	1,2-Dichloroethane-d4	50	50.6	101		63	155
		Dibromofluoromethane	50	49.6	99		70	134
		Toluene-d8	50	51.3	103		74	123
		4-Bromofluorobenzene	50	50.0	100		17	146
VW1003SBSD0	VW1003SBSD01	1,2-Dichloroethane-d4	50	51.2	102		63	155
		Dibromofluoromethane	50	51.3	103		70	134
		Toluene-d8	50	53.0	106		74	123
		4-Bromofluorobenzene	50	52.4	105		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3277 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032341.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1003SBS01	Dichlorodifluoromethane	20	20.6	ug/Kg	103			64	136	
	Chloromethane	20	19.4	ug/Kg	97			52	151	
	Vinyl chloride	20	22.0	ug/Kg	110			56	148	
	Bromomethane	20	20.9	ug/Kg	104			58	141	
	Chloroethane	20	20.8	ug/Kg	104			69	130	
	Trichlorofluoromethane	20	20.1	ug/Kg	101			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.6	ug/Kg	103			81	123	
	1,1-Dichloroethene	20	21.5	ug/Kg	108			79	121	
	Acetone	100	110	ug/Kg	110			40	171	
	Carbon disulfide	20	21.4	ug/Kg	107			59	130	
	Methyl tert-butyl Ether	20	21.0	ug/Kg	105			77	129	
	Methyl Acetate	20	18.5	ug/Kg	93			69	149	
	Methylene Chloride	20	23.3	ug/Kg	117			72	131	
	trans-1,2-Dichloroethene	20	20.9	ug/Kg	104			80	123	
	1,1-Dichloroethane	20	20.8	ug/Kg	104			82	123	
	Cyclohexane	20	20.5	ug/Kg	103			76	122	
	2-Butanone	100	100	ug/Kg	100			69	131	
	Carbon Tetrachloride	20	20.9	ug/Kg	104			76	129	
	cis-1,2-Dichloroethene	20	20.5	ug/Kg	103			82	123	
	Bromochloromethane	20	20.3	ug/Kg	102			80	127	
	Chloroform	20	21.5	ug/Kg	108			82	125	
	1,1,1-Trichloroethane	20	21.6	ug/Kg	108			80	126	
	Methylcyclohexane	20	20.3	ug/Kg	102			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	20.8	ug/Kg	104			81	126	
	Trichloroethene	20	20.9	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			83	122	
	Bromodichloromethane	20	20.6	ug/Kg	103			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.1	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.1	ug/Kg	101			78	124	
	cis-1,3-Dichloropropene	20	20.3	ug/Kg	102			81	122	
	1,1,2-Trichloroethane	20	21.2	ug/Kg	106			82	125	
	2-Hexanone	100	100	ug/Kg	100			66	138	
	Dibromochloromethane	20	20.6	ug/Kg	103			79	125	
	1,2-Dibromoethane	20	20.9	ug/Kg	104			80	125	
	Tetrachloroethene	20	20.4	ug/Kg	102			83	125	
	Chlorobenzene	20	20.6	ug/Kg	103			84	122	
	Ethyl Benzene	20	20.9	ug/Kg	104			82	124	
	m/p-Xylenes	40	42.0	ug/Kg	105			83	124	
	o-Xylene	20	20.4	ug/Kg	102			83	123	
	Styrene	20	21.1	ug/Kg	106			82	124	
	Bromoform	20	19.6	ug/Kg	98			75	127	
	Isopropylbenzene	20	20.6	ug/Kg	103			82	124	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/Kg	100			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	20.9	ug/Kg	104			84	121	
	1,2-Dichlorobenzene	20	20.8	ug/Kg	104			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3277 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032341.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1003SBS01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/Kg	95			66	134	
	1,2,4-Trichlorobenzene	20	20.3	ug/Kg	102			78	127	
	1,2,3-Trichlorobenzene	20	20.9	ug/Kg	104			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3277 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032342.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1003SBSD01	Dichlorodifluoromethane	20	20.9	ug/Kg	104	1		64	136	20
	Chloromethane	20	19.8	ug/Kg	99	2		52	151	20
	Vinyl chloride	20	21.9	ug/Kg	110	0		56	148	20
	Bromomethane	20	21.6	ug/Kg	108	4		58	141	20
	Chloroethane	20	21.1	ug/Kg	106	2		69	130	20
	Trichlorofluoromethane	20	22.6	ug/Kg	113	11		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104	1		81	123	20
	1,1-Dichloroethene	20	21.1	ug/Kg	106	2		79	121	20
	Acetone	100	100	ug/Kg	100	10		40	171	20
	Carbon disulfide	20	21.5	ug/Kg	108	1		59	130	20
	Methyl tert-butyl Ether	20	21.5	ug/Kg	108	3		77	129	20
	Methyl Acetate	20	19.4	ug/Kg	97	4		69	149	20
	Methylene Chloride	20	23.5	ug/Kg	117	0		72	131	20
	trans-1,2-Dichloroethene	20	21.3	ug/Kg	106	2		80	123	20
	1,1-Dichloroethane	20	21.4	ug/Kg	107	3		82	123	20
	Cyclohexane	20	20.8	ug/Kg	104	1		76	122	20
	2-Butanone	100	100	ug/Kg	100	0		69	131	20
	Carbon Tetrachloride	20	22.2	ug/Kg	111	7		76	129	20
	cis-1,2-Dichloroethene	20	21.2	ug/Kg	106	3		82	123	20
	Bromochloromethane	20	20.4	ug/Kg	102	0		80	127	20
	Chloroform	20	21.7	ug/Kg	109	1		82	125	20
	1,1,1-Trichloroethane	20	21.9	ug/Kg	110	2		80	126	20
	Methylcyclohexane	20	21.1	ug/Kg	106	4		77	123	20
	Benzene	20	21.5	ug/Kg	108	4		84	121	20
	1,2-Dichloroethane	20	21.4	ug/Kg	107	3		81	126	20
	Trichloroethene	20	21.7	ug/Kg	109	5		83	122	20
	1,2-Dichloropropane	20	21.2	ug/Kg	106	3		83	122	20
	Bromodichloromethane	20	20.9	ug/Kg	104	1		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	10		70	135	20
	Toluene	20	21.4	ug/Kg	107	1		83	122	20
	t-1,3-Dichloropropene	20	20.5	ug/Kg	103	2		78	124	20
	cis-1,3-Dichloropropene	20	20.5	ug/Kg	103	1		81	122	20
	1,1,2-Trichloroethane	20	21.1	ug/Kg	106	0		82	125	20
	2-Hexanone	100	110	ug/Kg	110	10		66	138	20
	Dibromochloromethane	20	21.2	ug/Kg	106	3		79	125	20
	1,2-Dibromoethane	20	20.8	ug/Kg	104	0		80	125	20
	Tetrachloroethene	20	20.5	ug/Kg	103	1		83	125	20
	Chlorobenzene	20	20.9	ug/Kg	104	1		84	122	20
	Ethyl Benzene	20	20.9	ug/Kg	104	0		82	124	20
	m/p-Xylenes	40	42.1	ug/Kg	105	0		83	124	20
	o-Xylene	20	20.4	ug/Kg	102	0		83	123	20
	Styrene	20	21.2	ug/Kg	106	0		82	124	20
	Bromoform	20	19.5	ug/Kg	98	0		75	127	20
	Isopropylbenzene	20	20.4	ug/Kg	102	1		82	124	20
	1,1,2,2-Tetrachloroethane	20	19.9	ug/Kg	100	0		77	127	20
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102	1		83	122	20
	1,4-Dichlorobenzene	20	20.7	ug/Kg	104	0		84	121	20
	1,2-Dichlorobenzene	20	19.8	ug/Kg	99	5		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3277 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032342.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1003SBSD01	1,2-Dibromo-3-Chloropropane	20	19.5	ug/Kg	98	3		66	134	20
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100	2		78	127	20
	1,2,3-Trichlorobenzene	20	19.8	ug/Kg	99	5		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW1003SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3277

Lab File ID: VW032340.D | Lab Sample ID: VW1003SBL01

Date Analyzed: 10/03/2025 | Time Analyzed: 09:40

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
VW1003SBS01	VW1003SBS01	VW032341.D	10/03/2025
VW1003SBSD01	VW1003SBSD01	VW032342.D	10/03/2025
WC1	Q3277-01	VW032348.D	10/03/2025

COMMENTS:

Raw Data: **VW032312.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3277

Lab File ID: VW032312.D | BFB Injection Date: 10/01/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:12

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.2
175	5.0 - 9.0% of mass 174	5.3 (8) 1
176	95.0 - 101.0% of mass 174	63.3 (95.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 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	VW032313.D	10/01/2025	13:12
VSTDICC010	VSTDICC010	VW032314.D	10/01/2025	13:34
VSTDICC020	VSTDICC020	VW032315.D	10/01/2025	14:15
VSTDICCC050	VSTDICCC050	VW032316.D	10/01/2025	14:37
VSTDICC100	VSTDICC100	VW032317.D	10/01/2025	14:59
VSTDICC150	VSTDICC150	VW032318.D	10/01/2025	15:20

Raw Data: **VW032338.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3277
Lab File ID: VW032338.D
BFB Injection Date: 10/03/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:39
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.5
75	30.0 - 60.0% of mass 95	51.9
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	64
175	5.0 - 9.0% of mass 174	5.2 (8.2) 1
176	95.0 - 101.0% of mass 174	60.8 (95.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.9) 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	VW032339.D	10/03/2025	09:13
VW1003SBL01	VW1003SBL01	VW032340.D	10/03/2025	09:40
VW1003SBS01	VW1003SBS01	VW032341.D	10/03/2025	10:09
VW1003SBSD01	VW1003SBSD01	VW032342.D	10/03/2025	10:31
WC1	Q3277-01	VW032348.D	10/03/2025	13:00

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3277

Lab File ID: VW032339.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_W Time Analyzed: 09:13

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	275706	7.96	492762	8.85	456443	11.63
UPPER LIMIT	551412	8.459	985524	9.349	912886	12.129
LOWER LIMIT	137853	7.459	246381	8.349	228222	11.129
EPA SAMPLE NO.						
WC1	196016	7.97	428903	8.86	434848	11.64
VW1003SBL01	187187	7.97	423770	8.85	435697	11.64
VW1003SBS01	278007	7.96	517265	8.85	472342	11.63
VW1003SBSD01	280986	7.96	514655	8.86	480184	11.64

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3277

Lab File ID: VW032339.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_W Time Analyzed: 09:13

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

	IS4 AREA #	RT #				
12 HOUR STD	225457	13.556				
UPPER LIMIT	450914	14.056				
LOWER LIMIT	112729	13.056				
EPA SAMPLE NO.						
WC1	211297	13.56				
VW1003SBL01	203854	13.56				
VW1003SBS01	234620	13.56				
VW1003SBSD01	244340	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: **VW032348.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	09/30/25
Project:	Newport	Date Received:	10/02/25
Client Sample ID:	WC1	SDG No.:	Q3277
Lab Sample ID:	Q3277-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	97.6
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032348.D	1	10/03/25 13:00	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.10	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.10	ug/Kg
75-01-4	Vinyl Chloride	0.81	U	0.81	5.10	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.10	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.10	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.10	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.10	ug/Kg
67-64-1	Acetone	4.80	U	4.80	25.5	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.74	U	0.74	5.10	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.10	ug/Kg
75-09-2	Methylene Chloride	4.00	J	3.60	10.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.88	U	0.88	5.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.82	U	0.82	5.10	ug/Kg
110-82-7	Cyclohexane	0.81	U	0.81	5.10	ug/Kg
78-93-3	2-Butanone	6.70	U	6.70	25.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.99	U	0.99	5.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.77	U	0.77	5.10	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.10	ug/Kg
67-66-3	Chloroform	0.86	U	0.86	5.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.95	U	0.95	5.10	ug/Kg
108-87-2	Methylcyclohexane	0.93	U	0.93	5.10	ug/Kg
71-43-2	Benzene	0.81	U	0.81	5.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.81	U	0.81	5.10	ug/Kg
79-01-6	Trichloroethene	0.83	U	0.83	5.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.93	U	0.93	5.10	ug/Kg
75-27-4	Bromodichloromethane	0.80	U	0.80	5.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	25.5	ug/Kg
108-88-3	Toluene	0.80	U	0.80	5.10	ug/Kg

Raw Data: **VW032348.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/30/25
Project:	Newport	Date Received:	10/02/25
Client Sample ID:	WC1	SDG No.:	Q3277
Lab Sample ID:	Q3277-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	97.6
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032348.D	1	10/03/25 13:00	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.66	U	0.66	5.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.63	U	0.63	5.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.94	U	0.94	5.10	ug/Kg
591-78-6	2-Hexanone	3.80	U	3.80	25.5	ug/Kg
124-48-1	Dibromochloromethane	0.89	U	0.89	5.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.90	U	0.90	5.10	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.10	ug/Kg
108-90-7	Chlorobenzene	0.93	U	0.93	5.10	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	5.10	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.2	ug/Kg
95-47-6	o-Xylene	0.84	U	0.84	5.10	ug/Kg
100-42-5	Styrene	0.72	U	0.72	5.10	ug/Kg
75-25-2	Bromoform	0.88	U	0.88	5.10	ug/Kg
98-82-8	Isopropylbenzene	0.80	U	0.80	5.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.3		63 - 155	129%	SPK: 50
1868-53-7	Dibromofluoromethane	55.5		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	54.0		74 - 123	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		17 - 146	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	196000	7.965			
540-36-3	1,4-Difluorobenzene	429000	8.855			
3114-55-4	Chlorobenzene-d5	435000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	211000	13.556			

Raw Data: **VW032348.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/30/25
Project:	Newport	Date Received:	10/02/25
Client Sample ID:	WC1	SDG No.:	Q3277
Lab Sample ID:	Q3277-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	97.6
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032348.D	1	10/03/25 13:00	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032348.D
Acq On : 03 Oct 2025 13:00
Operator : SY/MD
Sample : Q3277-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Time: Oct 04 05:02:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

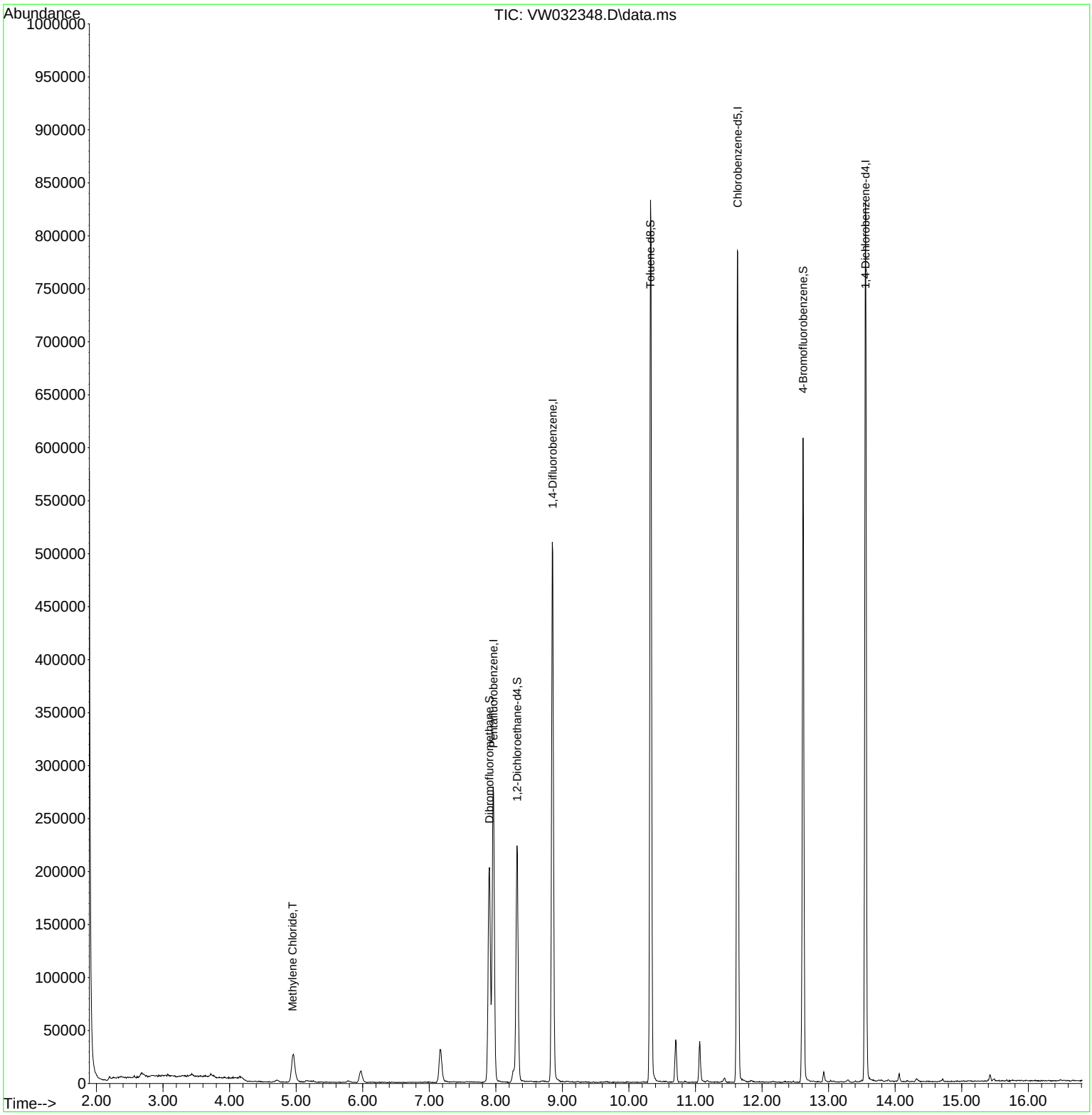
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	196016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	428903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	434848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	211297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	183925	64.332	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 128.660%			
35) Dibromofluoromethane	7.904	113	154238	55.529	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 111.060%			
50) Toluene-d8	10.325	98	553678	54.009	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.617	95	207893	53.653	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 107.300%			
Target Compounds						Qvalue
20) Methylene Chloride	4.947	84	23258	3.951	ug/l	95

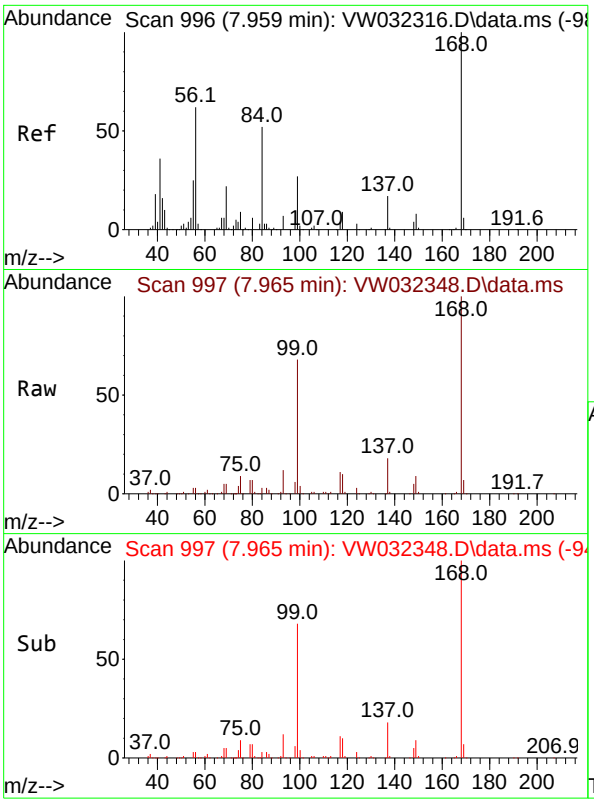
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032348.D
Acq On : 03 Oct 2025 13:00
Operator : SY/MD
Sample : Q3277-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Time: Oct 04 05:02:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration



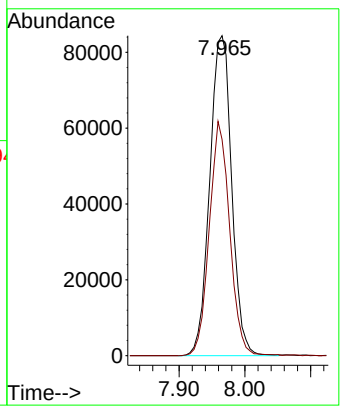


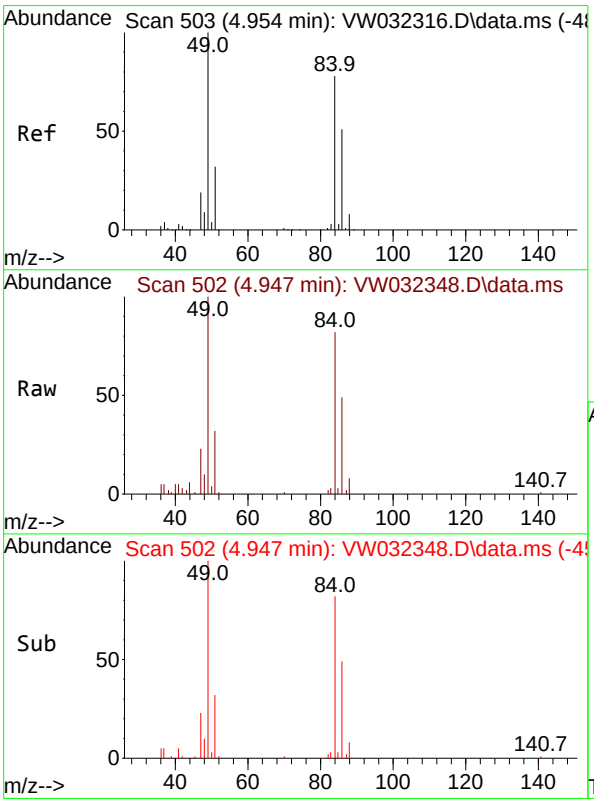
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion:168 Resp: 196016

Ion	Ratio	Lower	Upper
168	100		
99	67.6	49.3	73.9

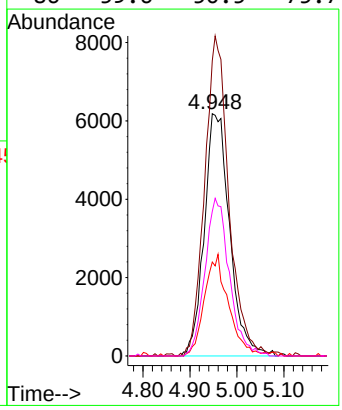


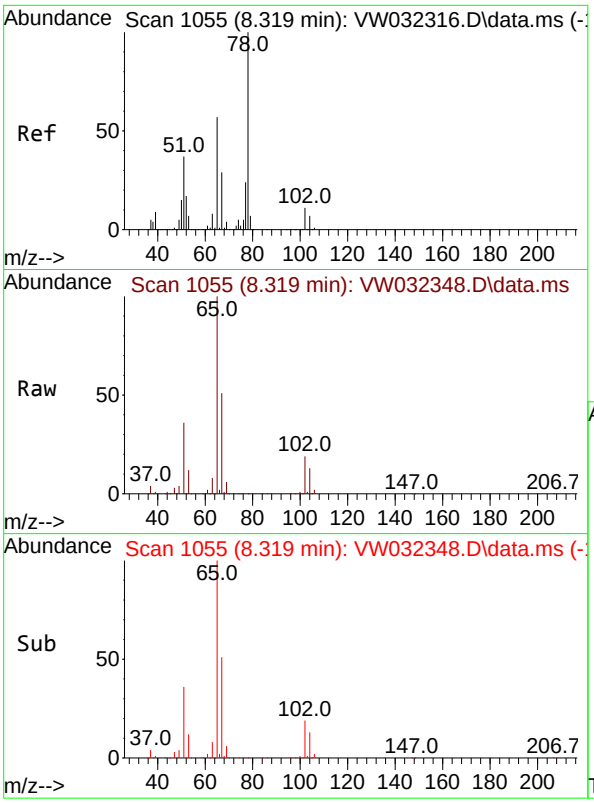


#20
Methylene Chloride
Concen: 3.951 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.013 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Tgt Ion: 84 Resp: 23258

Ion	Ratio	Lower	Upper
84	100		
49	121.9	92.2	138.4
51	38.8	31.0	46.6
86	59.6	50.5	75.7



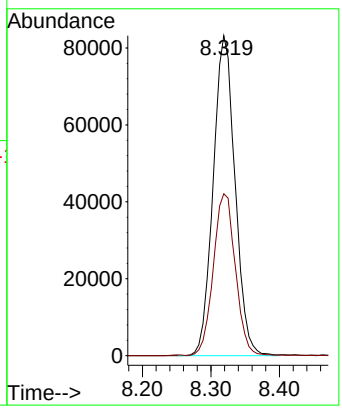


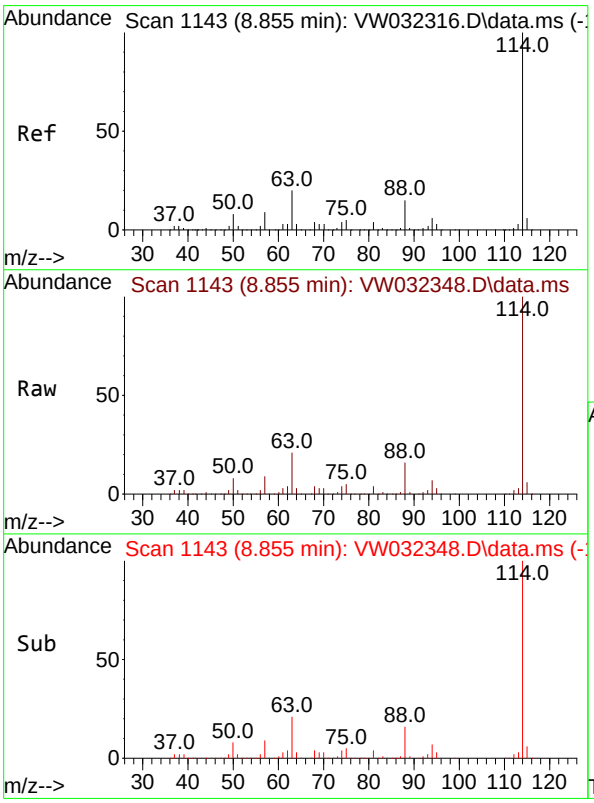
#33
1,2-Dichloroethane-d4
Concen: 64.332 ug/l
RT: 8.319 min Scan# 10
Delta R.T. -0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion: 65 Resp: 183925

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	99.6

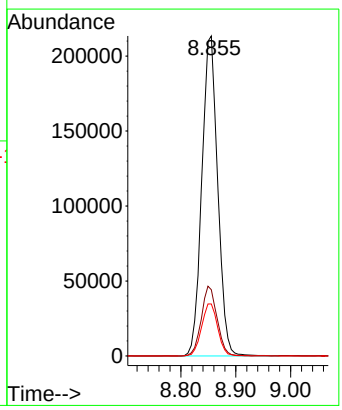


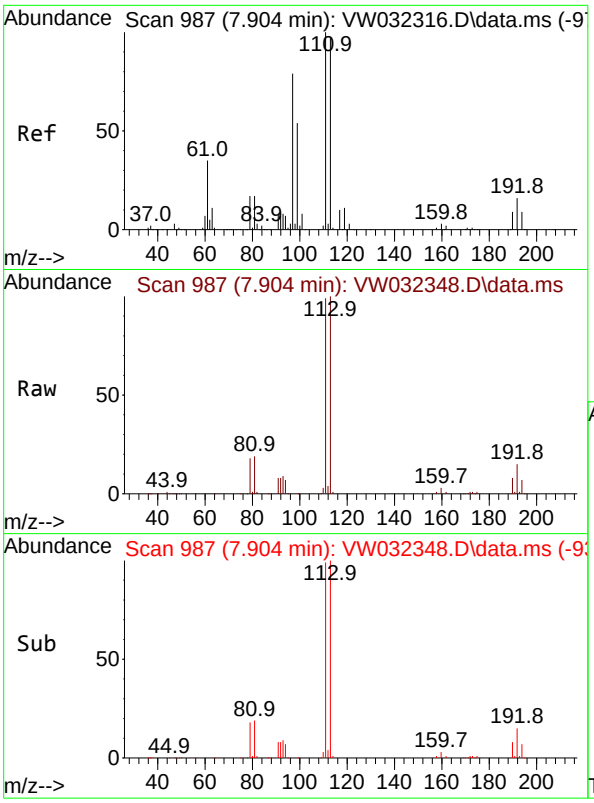


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Tgt Ion:114 Resp: 428903

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.4
88	16.3	0.0	32.0



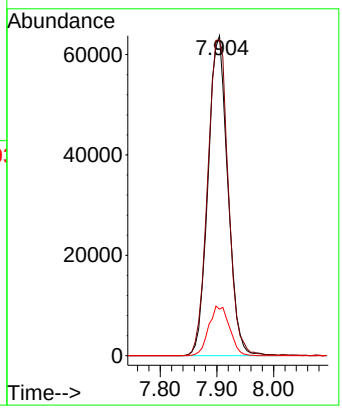


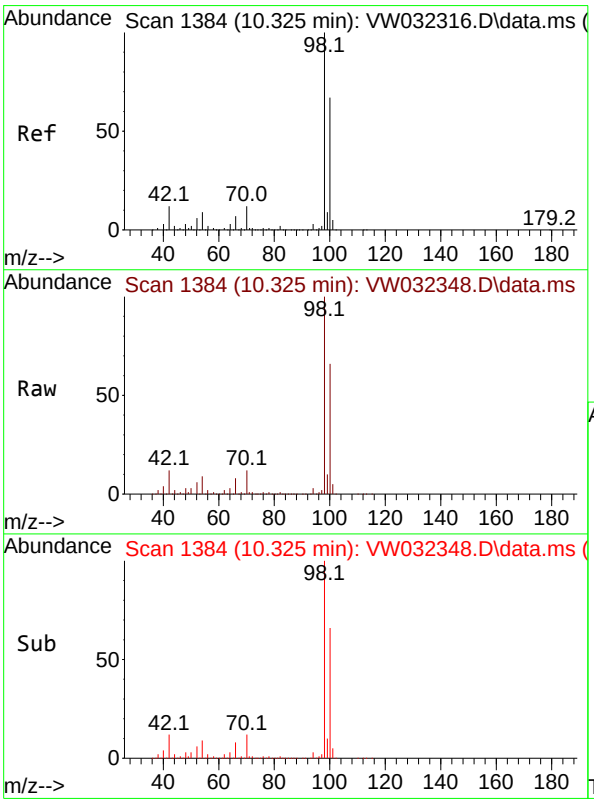
#35
Dibromofluoromethane
Concen: 55.529 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion:113 Resp: 154238

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.9	125.9
192	16.3	14.6	21.8

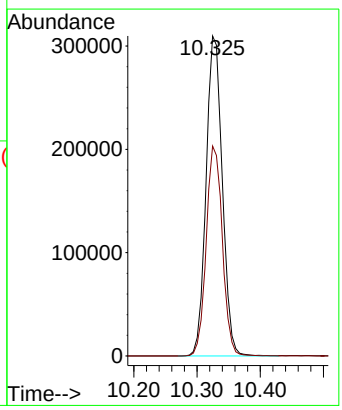


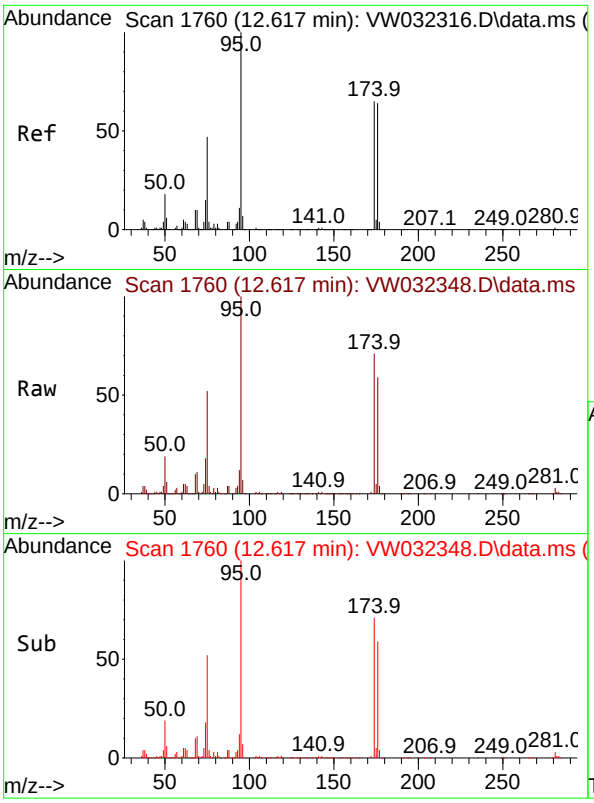


#50
Toluene-d8
Concen: 54.009 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Tgt Ion: 98 Resp: 553678

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.2



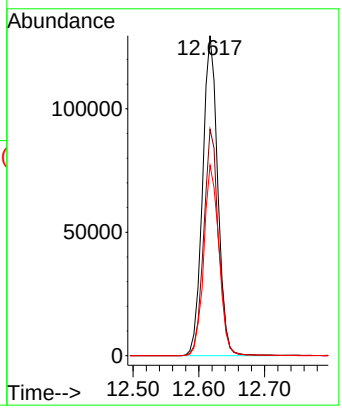


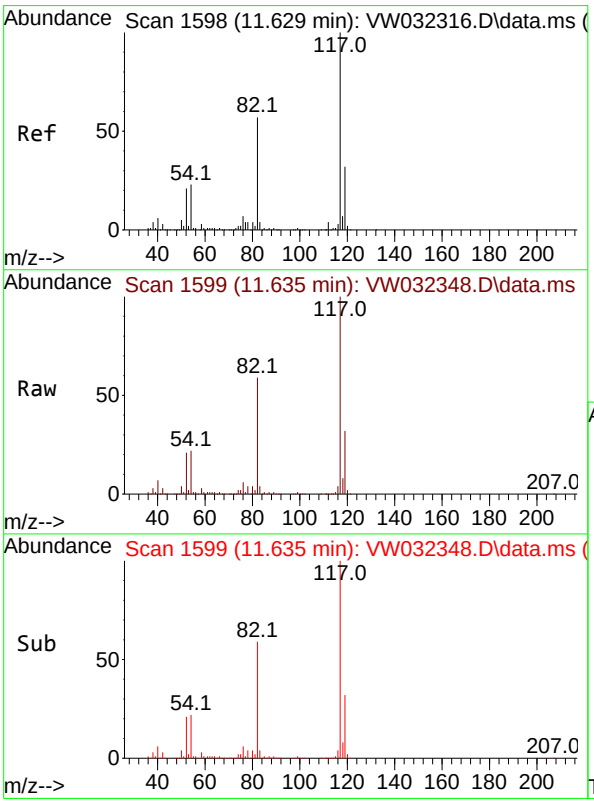
#62
4-Bromofluorobenzene
Concen: 53.653 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion: 95 Resp: 207893

Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	145.6
176	59.8	0.0	140.8

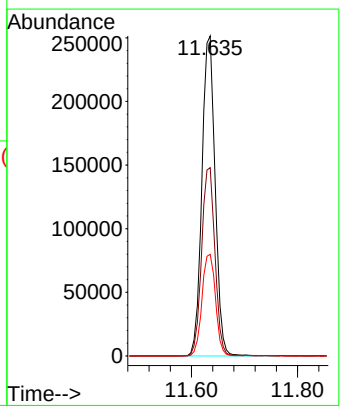


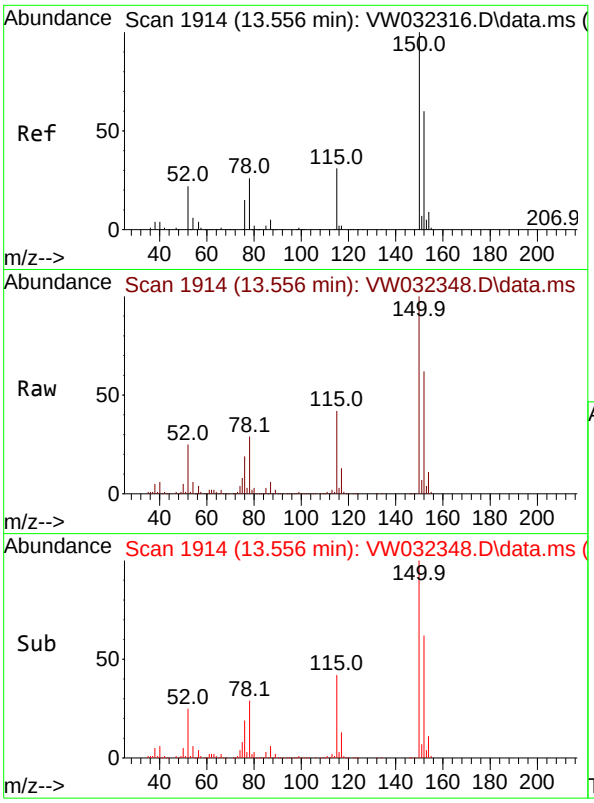


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Tgt Ion:117 Resp: 434848

Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.7	64.1
119	31.7	25.2	37.8



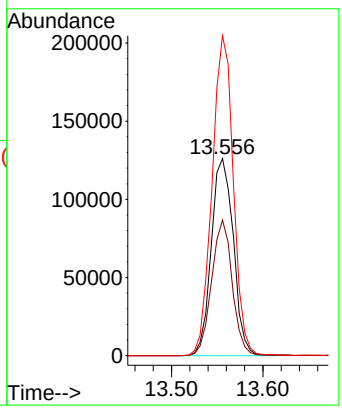


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion:152 Resp: 211297

Ion	Ratio	Lower	Upper
152	100		
115	64.6	31.8	95.4
150	156.7	0.0	343.0



Sample Results: **VW032348.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032348.D
Acq On : 03 Oct 2025 13:00
Operator : SY/MD
Sample : Q3277-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260

Signal : TIC: VW032348.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.960	490	504	522	rBV3	26296	99443	6.63%	1.192%
2	5.978	659	671	685	rBV3	11195	37400	2.49%	0.448%
3	7.167	856	866	878	rBV	31193	96941	6.46%	1.162%
4	7.904	973	987	991	rBV	202577	495509	33.04%	5.939%
5	7.959	991	996	1010	rVB	278108	641948	42.80%	7.694%
6	8.319	1038	1055	1067	rBV	223366	532138	35.48%	6.378%
7	8.849	1133	1142	1155	rBV	509194	1034978	69.00%	12.405%
8	10.325	1376	1384	1403	rBV	832834	1499899	100.00%	17.977%
9	10.703	1438	1446	1453	rVB	40201	72975	4.87%	0.875%
10	11.062	1498	1505	1514	rBV3	38825	67626	4.51%	0.811%
11	11.629	1589	1598	1609	rBV	784870	1384532	92.31%	16.595%
12	12.617	1752	1760	1773	rBV	608194	1009366	67.30%	12.098%
13	12.928	1806	1811	1820	rBV6	9150	15253	1.02%	0.183%
14	13.556	1907	1914	1926	rBV	829807	1355257	90.36%	16.244%

Sum of corrected areas: 8343265

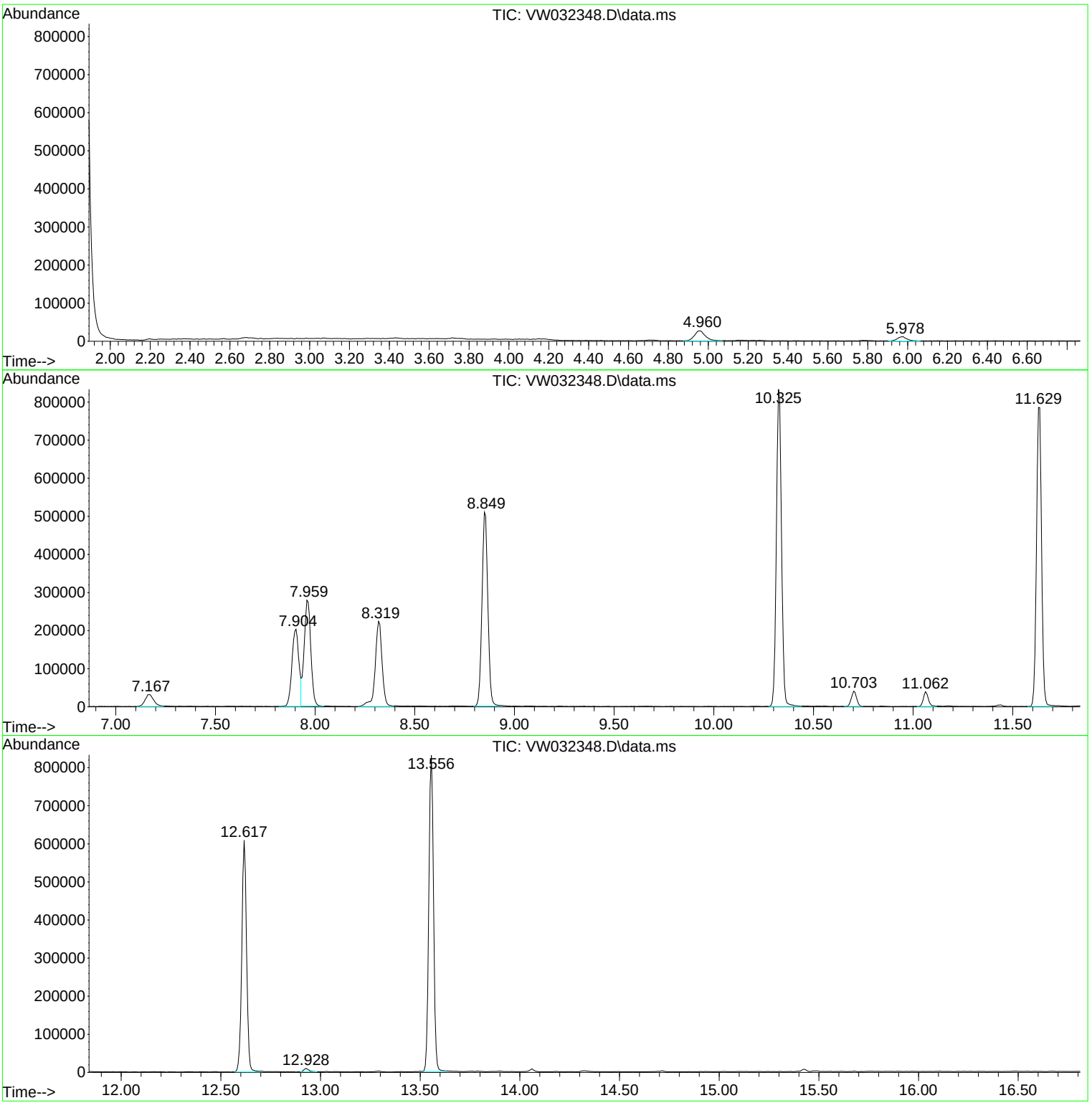
Sample Results: **VW032348.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032348.D
Acq On : 03 Oct 2025 13:00
Operator : SY/MD
Sample : Q3277-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VW032348.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032348.D
Acq On : 03 Oct 2025 13:00
Operator : SY/MD
Sample : Q3277-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032348.D
Acq On : 03 Oct 2025 13:00
Operator : SY/MD
Sample : Q3277-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3277

Instrument ID: MSVOA_W Calibration Date(s): 10/01/2025 10/01/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:12 15:20

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

LAB FILE ID: RRF005 = VW032313.D RRF010 = VW032314.D RRF020 = VW032315.D
RRF050 = VW032316.D RRF100 = VW032317.D RRF150 = VW032318.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.347	0.343	0.345	0.264	0.284	0.299	0.314	11.5
Chloromethane	0.532	0.527	0.516	0.418	0.450	0.463	0.484	9.7
Vinyl Chloride	0.625	0.636	0.606	0.529	0.533	0.538	0.578	8.6
Bromomethane	0.483	0.472	0.435	0.382	0.391	0.386	0.425	10.6
Chloroethane	0.405	0.409	0.394	0.356	0.365	0.361	0.382	6.3
Trichlorofluoromethane	0.426	0.453	0.430	0.418	0.422	0.447	0.433	3.3
1,1,2-Trichlorotrifluoroethane	0.609	0.569	0.524	0.465	0.469	0.478	0.519	11.5
1,1-Dichloroethene	0.588	0.608	0.595	0.521	0.534	0.535	0.564	6.7
Acetone	0.235	0.230	0.209	0.183	0.174	0.181	0.202	13.1
Carbon Disulfide	1.581	1.583	1.581	1.442	1.517	1.521	1.538	3.7
Methyl tert-butyl Ether	1.087	1.161	1.150	1.069	1.094	1.099	1.110	3.3
Methyl Acetate	0.478	0.597	0.612	0.624	0.567	0.592	0.578	9.1
Methylene Chloride	1.280	1.052	0.811	0.631	0.630	0.625	0.838	32.6
trans-1,2-Dichloroethene	0.649	0.640	0.636	0.589	0.613	0.617	0.624	3.6
1,1-Dichloroethane	1.238	1.261	1.244	1.132	1.169	1.172	1.203	4.3
Cyclohexane	1.228	1.108	1.042	0.911	0.931	0.939	1.027	12.1
2-Butanone	0.271	0.293	0.286	0.262	0.262	0.277	0.275	4.6
Carbon Tetrachloride	0.446	0.441	0.427	0.403	0.434	0.429	0.430	3.5
cis-1,2-Dichloroethene	0.768	0.763	0.766	0.716	0.740	0.744	0.749	2.7
Bromochloromethane	0.566	0.588	0.583	0.547	0.553	0.557	0.566	2.9
Chloroform	1.257	1.275	1.271	1.146	1.191	1.178	1.220	4.5
1,1,1-Trichloroethane	0.906	0.910	0.896	0.816	0.835	0.822	0.864	5.1
Methylcyclohexane	0.585	0.542	0.529	0.521	0.568	0.561	0.551	4.5
Benzene	1.518	1.494	1.440	1.345	1.424	1.373	1.432	4.7
1,2-Dichloroethane	0.487	0.497	0.472	0.442	0.461	0.453	0.469	4.4
Trichloroethene	0.354	0.348	0.330	0.312	0.339	0.329	0.335	4.5
1,2-Dichloropropane	0.370	0.371	0.363	0.341	0.355	0.346	0.358	3.4
Bromodichloromethane	0.507	0.517	0.500	0.480	0.513	0.500	0.503	2.6
4-Methyl-2-Pentanone	0.289	0.325	0.318	0.312	0.314	0.317	0.313	3.9
Toluene	0.909	0.905	0.897	0.857	0.908	0.876	0.892	2.4

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3277

Instrument ID: MSVOA_W Calibration Date(s): 10/01/2025 10/01/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:12 15:20

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

LAB FILE ID: RRF005 = VW032313.D RRF010 = VW032314.D RRF020 = VW032315.D
RRF050 = VW032316.D RRF100 = VW032317.D RRF150 = VW032318.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.451	0.482	0.469	0.478	0.525	0.523	0.488	6.1
cis-1,3-Dichloropropene	0.531	0.571	0.550	0.544	0.591	0.584	0.562	4.2
1,1,2-Trichloroethane	0.304	0.307	0.295	0.280	0.293	0.285	0.294	3.6
2-Hexanone	0.202	0.225	0.226	0.219	0.223	0.228	0.220	4.4
Dibromochloromethane	0.317	0.327	0.334	0.326	0.355	0.343	0.334	4
1,2-Dibromoethane	0.286	0.295	0.288	0.278	0.285	0.287	0.287	2
Tetrachloroethene	0.327	0.325	0.299	0.278	0.287	0.279	0.299	7.3
Chlorobenzene	1.159	1.140	1.109	1.028	1.094	1.070	1.100	4.3
Ethyl Benzene	1.822	1.861	1.843	1.734	1.897	1.845	1.834	3
m/p-Xylenes	0.704	0.720	0.715	0.668	0.730	0.705	0.707	3
o-Xylene	0.632	0.665	0.653	0.637	0.701	0.678	0.661	3.9
Styrene	1.090	1.143	1.199	1.124	1.186	1.186	1.155	3.7
Bromoform	0.179	0.207	0.192	0.189	0.202	0.209	0.196	6
Isopropylbenzene	3.316	3.159	3.364	3.327	3.645	3.714	3.421	6.2
1,1,2,2-Tetrachloroethane	0.867	0.867	0.851	0.808	0.833	0.869	0.849	2.9
1,3-Dichlorobenzene	1.765	1.650	1.625	1.600	1.658	1.722	1.670	3.7
1,4-Dichlorobenzene	1.839	1.673	1.700	1.548	1.661	1.597	1.670	6
1,2-Dichlorobenzene	1.541	1.549	1.557	1.402	1.467	1.540	1.509	4.1
1,2-Dibromo-3-Chloropropane	0.146	0.144	0.150	0.146	0.147	0.160	0.149	3.8
1,2,4-Trichlorobenzene	0.956	0.842	0.865	0.833	0.938	0.997	0.905	7.5
1,2,3-Trichlorobenzene	0.893	0.818	0.839	0.810	0.864	0.895	0.853	4.3
1,2-Dichloroethane-d4	0.738	0.758	0.765	0.695	0.714	0.706	0.729	4
Dibromofluoromethane	0.331	0.335	0.327	0.306	0.331	0.311	0.324	3.8
Toluene-d8	1.182	1.204	1.166	1.193	1.231	1.194	1.195	1.8
4-Bromofluorobenzene	0.472	0.449	0.436	0.448	0.459	0.446	0.452	2.8

* 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 : 82W100125S.M
Title : SW846 8260
Last Update : Thu Oct 02 21:24:16 2025
Response Via : Initial Calibration

Calibration Files
5 =VW032313.D 10 =VW032314.D 20 =VW032315.D 50 =VW032316.D 100 =VW032317.D 150 =VW032318.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.347	0.343	0.345	0.264	0.284	0.299	0.314	11.52
3)	P	Chloromethane	0.532	0.527	0.516	0.418	0.450	0.463	0.484	9.72
4)	C	Vinyl Chloride	0.625	0.636	0.606	0.529	0.533	0.538	0.578	8.63#
5)	T	Bromomethane	0.483	0.472	0.435	0.382	0.391	0.386	0.425	10.61
6)	T	Chloroethane	0.405	0.409	0.394	0.356	0.365	0.361	0.382	6.27
7)	T	Trichlorofluor...	0.426	0.453	0.430	0.418	0.422	0.447	0.433	3.30
8)	T	Diethyl Ether	0.389	0.406	0.387	0.344	0.360	0.365	0.375	6.01
9)	T	1,1,2-Trichlor...	0.609	0.569	0.524	0.465	0.469	0.478	0.519	11.46
10)	T	Methyl Iodide	0.753	0.777	0.790	0.693	0.704	0.726	0.741	5.32
11)	T	Tert butyl alc...	0.057	0.062	0.061	0.049	0.049	0.054	0.055	10.36
12)	CM	1,1-Dichloroet...	0.588	0.608	0.595	0.521	0.534	0.535	0.564	6.68#
13)	T	Acrolein	0.091	0.098	0.102	0.080	0.083	0.084	0.090	9.91
14)	T	Allyl chloride	0.983	0.992	0.958	0.911	0.921	0.947	0.952	3.42
15)	T	Acrylonitrile	0.189	0.202	0.200	0.187	0.192	0.200	0.195	3.32
16)	T	Acetone	0.235	0.230	0.209	0.183	0.174	0.181	0.202	13.10
17)	T	Carbon Disulfide	1.581	1.583	1.581	1.442	1.517	1.521	1.538	3.65
18)	T	Methyl Acetate	0.478	0.597	0.612	0.624	0.567	0.592	0.578	9.12
19)	T	Methyl tert-bu...	1.087	1.161	1.150	1.069	1.094	1.099	1.110	3.33
20)	T	Methylene Chlo...	1.280	1.052	0.811	0.631	0.630	0.625	0.838	32.60
21)	T	trans-1,2-Dich...	0.649	0.640	0.636	0.589	0.613	0.617	0.624	3.56
22)	T	Diisopropyl ether	1.900	2.086	2.085	1.897	1.951	1.958	1.979	4.34
23)	T	Vinyl Acetate	1.247	1.325	1.375	1.256	1.349	1.380	1.322	4.40
24)	P	1,1-Dichloroet...	1.238	1.261	1.244	1.132	1.169	1.172	1.203	4.34
25)	T	2-Butanone	0.271	0.293	0.286	0.262	0.262	0.277	0.275	4.60
26)	T	2,2-Dichloropr...	0.659	0.654	0.635	0.576	0.590	0.577	0.615	6.23
27)	T	cis-1,2-Dichlo...	0.768	0.763	0.766	0.716	0.740	0.744	0.749	2.65
28)	T	Bromochloromet...	0.566	0.588	0.583	0.547	0.553	0.557	0.566	2.93
29)	T	Tetrahydrofuran	0.161	0.176	0.180	0.171	0.171	0.179	0.173	4.21
30)	C	Chloroform	1.257	1.275	1.271	1.146	1.191	1.178	1.220	4.50#
31)	T	Cyclohexane	1.228	1.108	1.042	0.911	0.931	0.939	1.027	12.15
32)	T	1,1,1-Trichlor...	0.906	0.910	0.896	0.816	0.835	0.822	0.864	5.15
33)	S	1,2-Dichloroet...	0.738	0.758	0.765	0.695	0.714	0.706	0.729	3.95
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.331	0.335	0.327	0.306	0.331	0.311	0.324	3.76
36)	T	1,1-Dichloropr...	0.471	0.470	0.455	0.439	0.460	0.446	0.457	2.80
37)	T	Ethyl Acetate	0.302	0.315	0.302	0.290	0.305	0.310	0.304	2.83
38)	T	Carbon Tetrach...	0.446	0.441	0.427	0.403	0.434	0.429	0.430	3.49
39)	T	Methylcyclohexane	0.585	0.542	0.529	0.521	0.568	0.561	0.551	4.46
40)	TM	Benzene	1.518	1.494	1.440	1.345	1.424	1.373	1.432	4.66
41)	T	Methacrylonitrile	0.143	0.158	0.172	0.164	0.171	0.175	0.164	7.29
42)	TM	1,2-Dichloroet...	0.487	0.497	0.472	0.442	0.461	0.453	0.469	4.41
43)	T	Isopropyl Acetate	0.498	0.540	0.539	0.520	0.565	0.575	0.540	5.23
44)	TM	Trichloroethene	0.354	0.348	0.330	0.312	0.339	0.329	0.335	4.52
45)	C	1,2-Dichloropr...	0.370	0.371	0.363	0.341	0.355	0.346	0.358	3.44#
46)	T	Dibromomethane	0.224	0.229	0.222	0.211	0.219	0.215	0.220	2.93
47)	T	Bromodichlorom...	0.507	0.517	0.500	0.480	0.513	0.500	0.503	2.60
48)	T	Methyl methacr...	0.237	0.260	0.257	0.259	0.278	0.284	0.262	6.39
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	7.47
50)	S	Toluene-d8	1.182	1.204	1.166	1.193	1.231	1.194	1.195	1.82
51)	T	4-Methyl-2-Pen...	0.289	0.325	0.318	0.312	0.314	0.317	0.313	3.87
52)	CM	Toluene	0.909	0.905	0.897	0.857	0.908	0.876	0.892	2.36#
53)	T	t-1,3-Dichloro...	0.451	0.482	0.469	0.478	0.525	0.523	0.488	6.14
54)	T	cis-1,3-Dichlo...	0.531	0.571	0.550	0.544	0.591	0.584	0.562	4.22
55)	T	1,1,2-Trichlor...	0.304	0.307	0.295	0.280	0.293	0.285	0.294	3.58
56)	T	Ethyl methacry...	0.354	0.401	0.399	0.408	0.451	0.454	0.411	9.03

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W100125S.M

57)	T	1,3-Dichloropr...	0.518	0.545	0.526	0.498	0.519	0.507	0.519	3.10
58)	T	2-Chloroethyl ...	0.177	0.199	0.204	0.241	0.243	0.249	0.219	13.48
59)	T	2-Hexanone	0.202	0.225	0.226	0.219	0.223	0.228	0.220	4.37
60)	T	Dibromochlorom...	0.317	0.327	0.334	0.326	0.355	0.343	0.334	4.05
61)	T	1,2-Dibromoethane	0.286	0.295	0.288	0.278	0.285	0.287	0.287	2.00
62)	S	4-Bromofluorob...	0.472	0.449	0.436	0.448	0.459	0.446	0.452	2.77
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.327	0.325	0.299	0.278	0.287	0.279	0.299	7.28
65)	PM	Chlorobenzene	1.159	1.140	1.109	1.028	1.094	1.070	1.100	4.33
66)	T	1,1,1,2-Tetrac...	0.339	0.351	0.347	0.317	0.351	0.351	0.343	3.98
67)	C	Ethyl Benzene	1.822	1.861	1.843	1.734	1.897	1.845	1.834	2.98#
68)	T	m/p-Xylenes	0.704	0.720	0.715	0.668	0.730	0.705	0.707	3.05
69)	T	o-Xylene	0.632	0.665	0.653	0.637	0.701	0.678	0.661	3.92
70)	T	Styrene	1.090	1.143	1.199	1.124	1.186	1.186	1.155	3.73
71)	P	Bromoform	0.179	0.207	0.192	0.189	0.202	0.209	0.196	5.98
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.316	3.159	3.364	3.327	3.645	3.714	3.421	6.24
74)	T	N-amyl acetate	0.964	1.027	1.080	1.063	1.169	1.245	1.091	9.24
75)	P	1,1,2,2-Tetrac...	0.867	0.867	0.851	0.808	0.833	0.869	0.849	2.88
76)	T	1,2,3-Trichlor...	0.747	0.656	0.640	0.605	0.638	0.662	0.658	7.32
77)	T	Bromobenzene	0.824	0.787	0.807	0.817	0.858	0.853	0.825	3.30
78)	T	n-propylbenzene	4.287	4.025	4.285	4.100	4.439	4.502	4.273	4.34
79)	T	2-Chlorotoluene	2.604	2.575	2.604	2.520	2.625	2.748	2.613	2.90
80)	T	1,3,5-Trimethy...	2.940	2.807	2.855	2.912	3.114	3.120	2.958	4.44
81)	T	trans-1,4-Dich...	0.211	0.235	0.244	0.268	0.293	0.307	0.260	14.03
82)	T	4-Chlorotoluene	2.847	2.743	2.778	2.650	2.810	2.839	2.778	2.65
83)	T	tert-Butylbenzene	2.385	2.347	2.389	2.357	2.551	2.534	2.427	3.74
84)	T	1,2,4-Trimethy...	2.973	2.881	3.046	2.965	3.126	3.055	3.008	2.85
85)	T	sec-Butylbenzene	3.808	3.536	3.562	3.568	3.798	3.981	3.709	4.87
86)	T	p-Isopropyltol...	3.133	2.873	3.086	3.000	3.160	3.213	3.077	4.01
87)	T	1,3-Dichlorobe...	1.765	1.650	1.625	1.600	1.658	1.722	1.670	3.71
88)	T	1,4-Dichlorobe...	1.839	1.673	1.700	1.548	1.661	1.597	1.670	5.97
89)	T	n-Butylbenzene	3.008	2.818	2.942	2.891	3.116	3.253	3.005	5.29
90)	T	Hexachloroethane	0.571	0.535	0.518	0.521	0.575	0.589	0.552	5.52
91)	T	1,2-Dichlorobe...	1.541	1.549	1.557	1.402	1.467	1.540	1.509	4.11
92)	T	1,2-Dibromo-3-...	0.146	0.144	0.150	0.146	0.147	0.160	0.149	3.78
93)	T	1,2,4-Trichlor...	0.956	0.842	0.865	0.833	0.938	0.997	0.905	7.47
94)	T	Hexachlorobuta...	0.478	0.426	0.379	0.362	0.413	0.425	0.414	9.83
95)	T	Naphthalene	1.948	1.919	2.162	2.195	2.280	2.538	2.174	10.51
96)	T	1,2,3-Trichlor...	0.893	0.818	0.839	0.810	0.864	0.895	0.853	4.34

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032313.D
Acq On : 01 Oct 2025 13:12
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	284753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	526707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	478552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	21010	5.059	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	10.120%#		
35) Dibromofluoromethane	7.898	113	17458	5.118	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.240%#		
50) Toluene-d8	10.325	98	62281	4.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.617	95	24882	5.229	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	9893	5.537	ug/l	96
3) Chloromethane	2.253	50	15140	5.491	ug/l	96
4) Vinyl Chloride	2.399	62	17809	5.410	ug/l	98
5) Bromomethane	2.832	94	13745	5.682	ug/l	87
6) Chloroethane	2.966	64	11537	5.309	ug/l	97
7) Trichlorofluoromethane	3.302	101	12133	4.923	ug/l	100
8) Diethyl Ether	3.722	74	11070	5.183	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.112	101	17336	5.865	ug/l #	87
10) Methyl Iodide	4.320	142	21442	5.084	ug/l	98
11) Tert butyl alcohol	5.210	59	8165	25.972	ug/l	97
12) 1,1-Dichloroethene	4.082	96	16745	5.218	ug/l	90
13) Acrolein	3.936	56	12931	25.344	ug/l	97
14) Allyl chloride	4.704	41	27986	5.163	ug/l	90
15) Acrylonitrile	5.411	53	26916	24.226	ug/l	98
16) Acetone	4.167	43	33407	29.049	ug/l	100
17) Carbon Disulfide	4.423	76	45031	5.143	ug/l	100
18) Methyl Acetate	4.710	43	13618	4.134	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	30951	4.897	ug/l	95
20) Methylene Chloride	4.954	84	36441	4.732	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	18485	5.203	ug/l	98
22) Diisopropyl ether	6.338	45	54095	4.799	ug/l #	87
23) Vinyl Acetate	6.289	43	177543	23.579	ug/l	100
24) 1,1-Dichloroethane	6.252	63	35264	5.149	ug/l	96
25) 2-Butanone	7.203	43	38549	24.612	ug/l	95
26) 2,2-Dichloropropane	7.191	77	18751	5.352	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	21855	5.120	ug/l	93
28) Bromochloromethane	7.533	49	16126	5.005	ug/l	87
29) Tetrahydrofuran	7.557	42	22855	23.204	ug/l	92
30) Chloroform	7.691	83	35798	5.154	ug/l	93
31) Cyclohexane	7.971	56	34981	5.983	ug/l #	87
32) 1,1,1-Trichloroethane	7.886	97	25812	5.244	ug/l	98
36) 1,1-Dichloropropene	8.093	75	24817	5.155	ug/l	98
37) Ethyl Acetate	7.276	43	15932	4.972	ug/l	96
38) Carbon Tetrachloride	8.087	117	23500	5.188	ug/l	99
39) Methylcyclohexane	9.343	83	30816	5.307	ug/l	95
40) Benzene	8.337	78	79933	5.297	ug/l	94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032313.D
Acq On : 01 Oct 2025 13:12
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	7536	4.364	ug/l		99
42) 1,2-Dichloroethane	8.417	62	25632	5.192	ug/l		97
43) Isopropyl Acetate	8.441	43	26247	4.618	ug/l		97
44) Trichloroethene	9.099	130	18643	5.277	ug/l		98
45) 1,2-Dichloropropane	9.380	63	19476	5.171	ug/l		97
46) Dibromomethane	9.471	93	11793	5.092	ug/l		96
47) Bromodichloromethane	9.654	83	26693	5.039	ug/l		92
48) Methyl methacrylate	9.441	41	12470	4.512	ug/l	#	90
49) 1,4-Dioxane	9.465	88	2732	86.306	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.215	43	76240	23.157	ug/l		97
52) Toluene	10.392	92	47870	5.094	ug/l		100
53) t-1,3-Dichloropropene	10.611	75	23740	4.619	ug/l		95
54) cis-1,3-Dichloropropene	10.075	75	27985	4.727	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	16014	5.174	ug/l		93
56) Ethyl methacrylate	10.648	69	18666	4.308	ug/l		97
57) 1,3-Dichloropropane	10.934	76	27288	4.991	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	46589	20.206	ug/l		95
59) 2-Hexanone	10.971	43	53126	22.879	ug/l		96
60) Dibromochloromethane	11.129	129	16674	4.744	ug/l		95
61) 1,2-Dibromoethane	11.239	107	15062	4.990	ug/l		99
64) Tetrachloroethene	10.867	164	15638	5.461	ug/l		93
65) Chlorobenzene	11.660	112	55479	5.269	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	16206	4.942	ug/l		98
67) Ethyl Benzene	11.733	91	87214	4.969	ug/l		99
68) m/p-Xylenes	11.837	106	67346	9.951	ug/l		100
69) o-Xylene	12.166	106	30267	4.782	ug/l		98
70) Styrene	12.178	104	52147	4.719	ug/l		98
71) Bromoform	12.349	173	8566	4.557	ug/l	#	99
73) Isopropylbenzene	12.465	105	77676	4.847	ug/l		100
74) N-amyl acetate	12.270	43	22577	4.416	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.715	83	20303	5.102	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	17510m	5.665	ug/l		
77) Bromobenzene	12.745	156	19313	4.999	ug/l		85
78) n-propylbenzene	12.800	91	100413	5.016	ug/l		96
79) 2-Chlorotoluene	12.891	91	61002	4.984	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	68864	4.969	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.507	75	4939	4.059	ug/l		87
82) 4-Chlorotoluene	12.989	91	66681	5.124	ug/l		99
83) tert-Butylbenzene	13.202	119	55879	4.914	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	69654	4.943	ug/l		100
85) sec-Butylbenzene	13.379	105	89212	5.134	ug/l		96
86) p-Isopropyltoluene	13.495	119	73385	5.090	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	41335	5.284	ug/l		94
88) 1,4-Dichlorobenzene	13.574	146	43076	5.507	ug/l		95
89) n-Butylbenzene	13.818	91	70466	5.006	ug/l		98
90) Hexachloroethane	14.086	117	13382	5.178	ug/l		96
91) 1,2-Dichlorobenzene	13.861	146	36095	5.104	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	3424	4.914	ug/l		84
93) 1,2,4-Trichlorobenzene	15.129	180	22385	5.279	ug/l		99
94) Hexachlorobutadiene	15.232	225	11196	5.775	ug/l		96
95) Naphthalene	15.360	128	45626	4.481	ug/l		98
96) 1,2,3-Trichlorobenzene	15.543	180	20926	5.236	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032313.D
Acq On : 01 Oct 2025 13:12
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 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

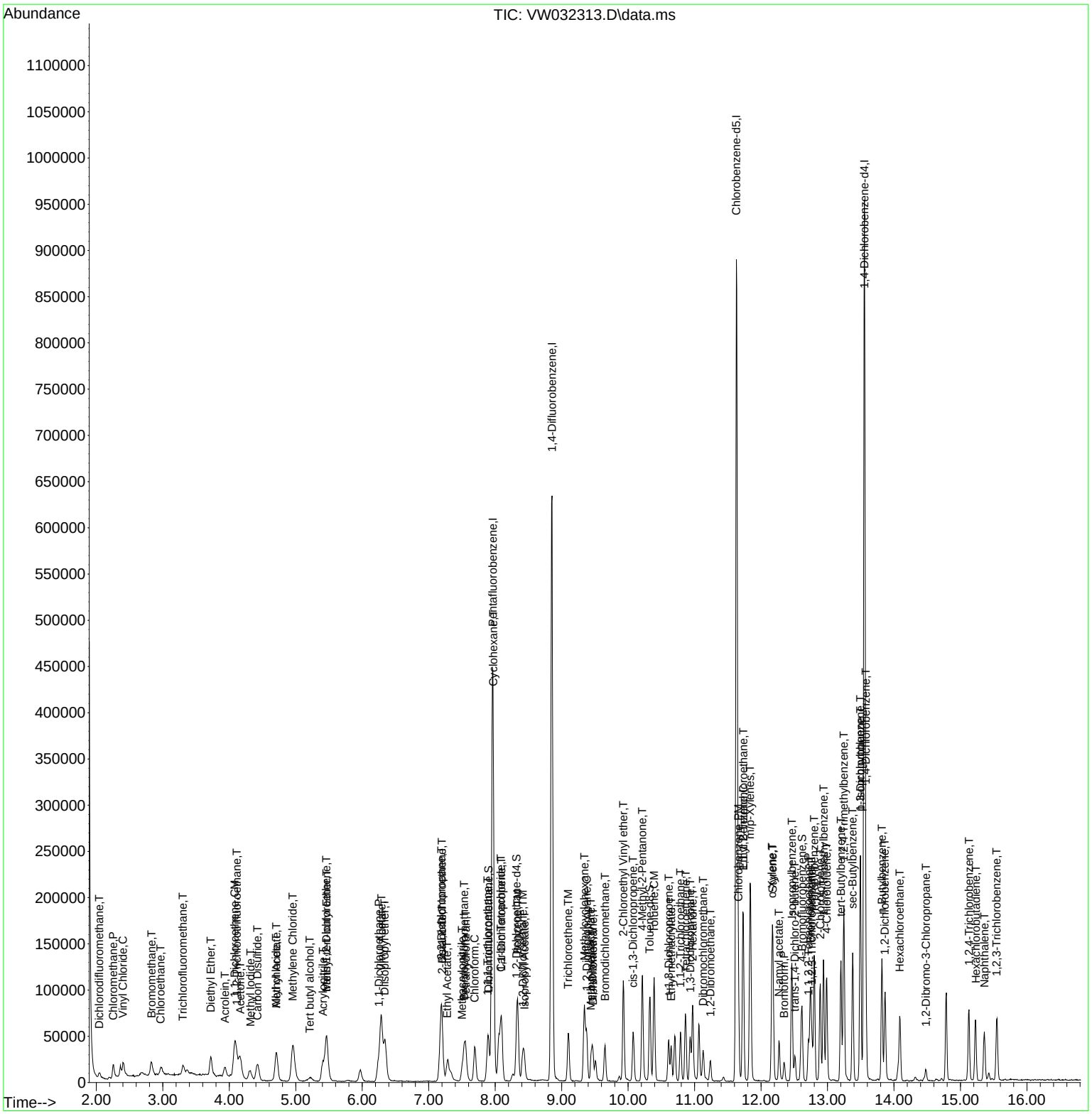
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032313.D
Acq On : 01 Oct 2025 13:12
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 21:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032314.D
Acq On : 01 Oct 2025 13:34
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:13:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	280850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	525265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	471729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	242027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	42595	10.398	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	20.800%#		
35) Dibromofluoromethane	7.898	113	35230	10.357	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	20.720%#		
50) Toluene-d8	10.325	98	126526	10.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	20.160%#		
62) 4-Bromofluorobenzene	12.617	95	47150	9.936	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	19.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	19283	10.941	ug/l	98
3) Chloromethane	2.259	50	29583	10.879	ug/l	97
4) Vinyl Chloride	2.405	62	35737	11.008	ug/l	98
5) Bromomethane	2.826	94	26494	11.105	ug/l	90
6) Chloroethane	2.972	64	22994	10.728	ug/l	98
7) Trichlorofluoromethane	3.308	101	25472	10.479	ug/l	99
8) Diethyl Ether	3.722	74	22779	10.814	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.100	101	31968	10.965	ug/l	94
10) Methyl Iodide	4.307	142	43646	10.492	ug/l	98
11) Tert butyl alcohol	5.216	59	17352	55.962	ug/l #	80
12) 1,1-Dichloroethene	4.082	96	34142	10.786	ug/l	97
13) Acrolein	3.929	56	27390	54.429	ug/l	97
14) Allyl chloride	4.710	41	55724	10.423	ug/l	89
15) Acrylonitrile	5.405	53	56775	51.811	ug/l	99
16) Acetone	4.161	43	64630	56.980	ug/l	98
17) Carbon Disulfide	4.423	76	88918	10.296	ug/l	98
18) Methyl Acetate	4.716	43	33520	10.316	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	65224	10.462	ug/l	97
20) Methylene Chloride	4.960	84	59087	11.634	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	35963	10.262	ug/l	95
22) Diisopropyl ether	6.344	45	117148	10.536	ug/l #	94
23) Vinyl Acetate	6.283	43	372258	50.126	ug/l	98
24) 1,1-Dichloroethane	6.246	63	70852	10.489	ug/l	98
25) 2-Butanone	7.197	43	82281	53.263	ug/l	97
26) 2,2-Dichloropropane	7.191	77	36712	10.625	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	42849	10.178	ug/l	93
28) Bromochloromethane	7.532	49	33043	10.397	ug/l	87
29) Tetrahydrofuran	7.557	42	49488	50.941	ug/l	96
30) Chloroform	7.691	83	71607	10.453	ug/l	98
31) Cyclohexane	7.971	56	62233	10.792	ug/l #	93
32) 1,1,1-Trichloroethane	7.886	97	51138	10.534	ug/l	97
36) 1,1-Dichloropropene	8.099	75	49414	10.293	ug/l	98
37) Ethyl Acetate	7.276	43	33130	10.368	ug/l	99
38) Carbon Tetrachloride	8.087	117	46310	10.251	ug/l	94
39) Methylcyclohexane	9.343	83	56991	9.842	ug/l	92
40) Benzene	8.337	78	156957	10.431	ug/l	94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032314.D
Acq On : 01 Oct 2025 13:34
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:13:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.502	41	16618	9.650	ug/l		98
42)	1,2-Dichloroethane	8.416	62	52201	10.602	ug/l		99
43)	Isopropyl Acetate	8.441	43	56692	10.001	ug/l		98
44)	Trichloroethene	9.105	130	36599	10.387	ug/l		87
45)	1,2-Dichloropropane	9.374	63	38953	10.371	ug/l		100
46)	Dibromomethane	9.465	93	24036	10.407	ug/l		94
47)	Bromodichloromethane	9.654	83	54338	10.286	ug/l		99
48)	Methyl methacrylate	9.447	41	27343	9.921	ug/l		94
49)	1,4-Dioxane	9.465	88	6100	193.232	ug/l	#	64
51)	4-Methyl-2-Pentanone	10.215	43	170455	51.916	ug/l		98
52)	Toluene	10.392	92	95076	10.146	ug/l		99
53)	t-1,3-Dichloropropene	10.611	75	50624	9.878	ug/l		99
54)	cis-1,3-Dichloropropene	10.081	75	59970	10.158	ug/l		97
55)	1,1,2-Trichloroethane	10.794	97	32248	10.447	ug/l		95
56)	Ethyl methacrylate	10.648	69	42126	9.750	ug/l		93
57)	1,3-Dichloropropane	10.934	76	57249	10.501	ug/l		99
58)	2-Chloroethyl Vinyl ether	9.928	63	104587	45.484	ug/l		95
59)	2-Hexanone	10.971	43	118088	50.996	ug/l		98
60)	Dibromochloromethane	11.129	129	34371	9.806	ug/l		97
61)	1,2-Dibromoethane	11.233	107	31025	10.308	ug/l		97
64)	Tetrachloroethene	10.867	164	30629	10.851	ug/l		95
65)	Chlorobenzene	11.660	112	107554	10.362	ug/l		95
66)	1,1,1,2-Tetrachloroethane	11.733	131	33104	10.240	ug/l		97
67)	Ethyl Benzene	11.733	91	175582	10.149	ug/l		95
68)	m/p-Xylenes	11.837	106	135895	20.370	ug/l		98
69)	o-Xylene	12.166	106	62715	10.052	ug/l		98
70)	Styrene	12.178	104	107824	9.899	ug/l		99
71)	Bromoform	12.349	173	19572	10.562	ug/l	#	92
73)	Isopropylbenzene	12.464	105	152894	9.234	ug/l		99
74)	N-amyl acetate	12.269	43	49718	9.412	ug/l		99
75)	1,1,2,2-Tetrachloroethane	12.714	83	41991	10.213	ug/l		100
76)	1,2,3-Trichloropropane	12.763	75	31741m	9.939	ug/l		
77)	Bromobenzene	12.745	156	38105	9.547	ug/l		84
78)	n-propylbenzene	12.800	91	194851	9.421	ug/l		97
79)	2-Chlorotoluene	12.891	91	124638	9.855	ug/l		98
80)	1,3,5-Trimethylbenzene	12.940	105	135870	9.490	ug/l		97
81)	trans-1,4-Dichloro-2-b...	12.513	75	11399	9.067	ug/l		91
82)	4-Chlorotoluene	12.989	91	132770	9.874	ug/l		99
83)	tert-Butylbenzene	13.202	119	113595	9.669	ug/l		99
84)	1,2,4-Trimethylbenzene	13.245	105	139474	9.580	ug/l		98
85)	sec-Butylbenzene	13.379	105	171153	9.533	ug/l		99
86)	p-Isopropyltoluene	13.495	119	139064	9.335	ug/l		99
87)	1,3-Dichlorobenzene	13.495	146	79860	9.881	ug/l		94
88)	1,4-Dichlorobenzene	13.574	146	80973	10.019	ug/l		98
89)	n-Butylbenzene	13.818	91	136393	9.378	ug/l		99
90)	Hexachloroethane	14.086	117	25898	9.699	ug/l		98
91)	1,2-Dichlorobenzene	13.867	146	74980	10.262	ug/l		94
92)	1,2-Dibromo-3-Chloropr...	14.482	75	6955	9.662	ug/l		87
93)	1,2,4-Trichlorobenzene	15.129	180	40772	9.306	ug/l		95
94)	Hexachlorobutadiene	15.226	225	20605	10.287	ug/l		96
95)	Naphthalene	15.360	128	92896	8.829	ug/l		99
96)	1,2,3-Trichlorobenzene	15.555	180	39577	9.584	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032314.D
Acq On : 01 Oct 2025 13:34
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:13:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 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

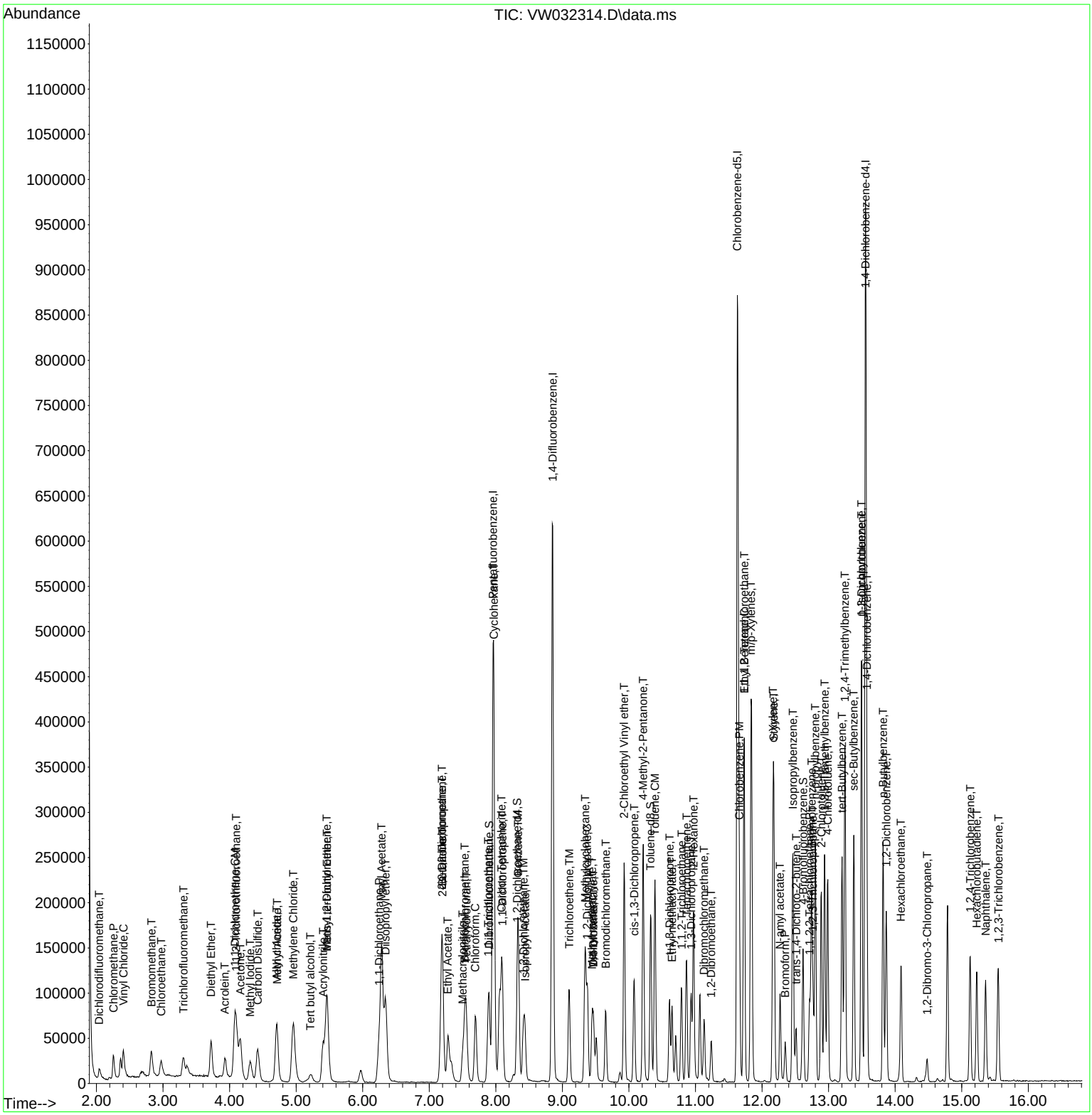
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032314.D
Acq On : 01 Oct 2025 13:34
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 21:13:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032315.D
Acq On : 01 Oct 2025 14:15
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:14:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	281404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	536489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	481502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	241841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.312	65	86104	20.978	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	41.960%#		
35) Dibromofluoromethane	7.898	113	70270	20.225	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	40.460%#		
50) Toluene-d8	10.324	98	250144	19.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	39.020%#		
62) 4-Bromofluorobenzene	12.617	95	93567	19.305	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	38.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	38800	21.972	ug/l	95
3) Chloromethane	2.253	50	58031	21.298	ug/l	99
4) Vinyl Chloride	2.405	62	68214	20.970	ug/l	97
5) Bromomethane	2.813	94	48996	20.496	ug/l	99
6) Chloroethane	2.960	64	44339	20.645	ug/l	99
7) Trichlorofluoromethane	3.295	101	48412	19.877	ug/l	93
8) Diethyl Ether	3.716	74	43506	20.614	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	59004	20.198	ug/l	95
10) Methyl Iodide	4.301	142	88957	21.342	ug/l	97
11) Tert butyl alcohol	5.215	59	34233	110.188	ug/l	96
12) 1,1-Dichloroethene	4.075	96	67001	21.126	ug/l	97
13) Acrolein	3.923	56	57603	114.243	ug/l	96
14) Allyl chloride	4.697	41	107824	20.129	ug/l	91
15) Acrylonitrile	5.392	53	112746	102.687	ug/l	99
16) Acetone	4.155	43	117625	103.498	ug/l	94
17) Carbon Disulfide	4.417	76	177979	20.568	ug/l	99
18) Methyl Acetate	4.703	43	68880	21.157	ug/l	95
19) Methyl tert-butyl Ether	5.459	73	129438	20.722	ug/l	92
20) Methylene Chloride	4.947	84	91257	21.174	ug/l	90
21) trans-1,2-Dichloroethene	5.453	96	71565	20.381	ug/l	98
22) Diisopropyl ether	6.337	45	234704	21.068	ug/l	94
23) Vinyl Acetate	6.276	43	773956	104.011	ug/l	98
24) 1,1-Dichloroethane	6.234	63	140018	20.687	ug/l	98
25) 2-Butanone	7.191	43	160713	103.830	ug/l	98
26) 2,2-Dichloropropane	7.179	77	71502	20.653	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	86196	20.434	ug/l	93
28) Bromochloromethane	7.526	49	65600	20.601	ug/l	85
29) Tetrahydrofuran	7.550	42	101422	104.194	ug/l	94
30) Chloroform	7.691	83	143028	20.837	ug/l	99
31) Cyclohexane	7.965	56	117320	20.304	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	100837	20.731	ug/l	99
36) 1,1-Dichloropropene	8.093	75	97586	19.902	ug/l	97
37) Ethyl Acetate	7.276	43	64814	19.859	ug/l	99
38) Carbon Tetrachloride	8.081	117	91643	19.861	ug/l	100
39) Methylcyclohexane	9.343	83	113500	19.190	ug/l	96
40) Benzene	8.331	78	309105	20.112	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032315.D
Acq On : 01 Oct 2025 14:15
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:14:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	37010	21.042	ug/l		90
42) 1,2-Dichloroethane	8.410	62	101383	20.160	ug/l		100
43) Isopropyl Acetate	8.434	43	115725	19.988	ug/l		99
44) Trichloroethene	9.099	130	70719	19.651	ug/l		98
45) 1,2-Dichloropropane	9.373	63	77815	20.284	ug/l		98
46) Dibromomethane	9.459	93	47632	20.192	ug/l		95
47) Bromodichloromethane	9.654	83	107295	19.886	ug/l		97
48) Methyl methacrylate	9.440	41	55063	19.561	ug/l		95
49) 1,4-Dioxane	9.465	88	13352	414.108	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.208	43	341386	101.802	ug/l		98
52) Toluene	10.391	92	192396	20.102	ug/l		98
53) t-1,3-Dichloropropene	10.605	75	100559	19.211	ug/l		97
54) cis-1,3-Dichloropropene	10.074	75	117968	19.565	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	63272	20.068	ug/l		98
56) Ethyl methacrylate	10.647	69	85643	19.407	ug/l		94
57) 1,3-Dichloropropane	10.934	76	112943	20.283	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	219091	93.287	ug/l		96
59) 2-Hexanone	10.971	43	242814	102.664	ug/l		97
60) Dibromochloromethane	11.129	129	71782	20.051	ug/l		100
61) 1,2-Dibromoethane	11.233	107	61899	20.135	ug/l		98
64) Tetrachloroethene	10.867	164	57503	19.958	ug/l		97
65) Chlorobenzene	11.653	112	213655	20.167	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	66918	20.280	ug/l		98
67) Ethyl Benzene	11.727	91	355003	20.103	ug/l		97
68) m/p-Xylenes	11.836	106	275521	40.461	ug/l		96
69) o-Xylene	12.165	106	125849	19.762	ug/l		95
70) Styrene	12.178	104	230999	20.776	ug/l		97
71) Bromoform	12.348	173	37059	19.593	ug/l	#	97
73) Isopropylbenzene	12.464	105	325413	19.668	ug/l		99
74) N-amyl acetate	12.269	43	104472	19.793	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.708	83	82334	20.041	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	61898m	19.396	ug/l		
77) Bromobenzene	12.745	156	78072	19.575	ug/l		88
78) n-propylbenzene	12.799	91	414530	20.057	ug/l		97
79) 2-Chlorotoluene	12.891	91	251889	19.933	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	276218	19.307	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	23628	18.808	ug/l		98
82) 4-Chlorotoluene	12.982	91	268736	20.002	ug/l		99
83) tert-Butylbenzene	13.202	119	231081	19.685	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	294630	20.253	ug/l		97
85) sec-Butylbenzene	13.379	105	344593	19.209	ug/l		99
86) p-Isopropyltoluene	13.494	119	298543	20.057	ug/l		99
87) 1,3-Dichlorobenzene	13.501	146	157169	19.461	ug/l		94
88) 1,4-Dichlorobenzene	13.574	146	164453	20.364	ug/l		96
89) n-Butylbenzene	13.818	91	284638	19.585	ug/l		98
90) Hexachloroethane	14.086	117	50102	18.779	ug/l		94
91) 1,2-Dichlorobenzene	13.866	146	150657	20.636	ug/l		91
92) 1,2-Dibromo-3-Chloropr...	14.482	75	14474	20.123	ug/l		84
93) 1,2,4-Trichlorobenzene	15.122	180	83681	19.115	ug/l		99
94) Hexachlorobutadiene	15.226	225	36708	18.340	ug/l		90
95) Naphthalene	15.360	128	209101	19.889	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	81141	19.664	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032315.D
Acq On : 01 Oct 2025 14:15
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:14:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 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

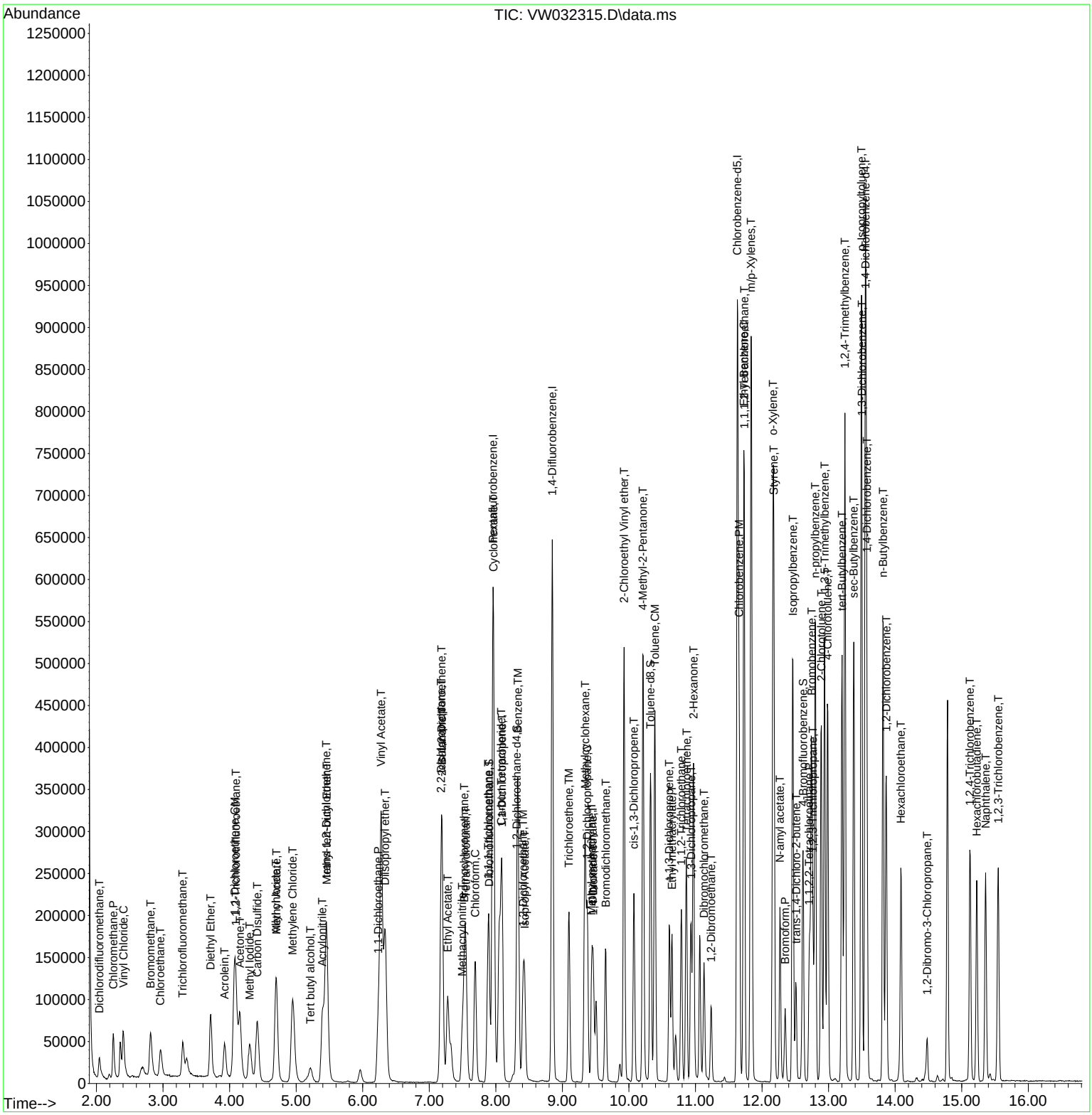
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032315.D
Acq On : 01 Oct 2025 14:15
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 21:14:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032316.D
Acq On : 01 Oct 2025 14:37
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:15:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	289091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	530255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	489049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	200915	47.649	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 95.300%			
35) Dibromofluoromethane	7.904	113	162134	47.215	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 94.420%			
50) Toluene-d8	10.325	98	632778	49.927	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.617	95	237645	49.609	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 99.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	76397	42.113	ug/l	97
3) Chloromethane	2.253	50	120776	43.147	ug/l	97
4) Vinyl Chloride	2.405	62	153004	45.785	ug/l	98
5) Bromomethane	2.826	94	110413	44.960	ug/l	96
6) Chloroethane	2.966	64	102915	46.646	ug/l	95
7) Trichlorofluoromethane	3.308	101	120856	48.301	ug/l	96
8) Diethyl Ether	3.722	74	99427	45.858	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.106	101	134421	44.790	ug/l	92
10) Methyl Iodide	4.320	142	200360	46.790	ug/l	98
11) Tert butyl alcohol	5.222	59	70796	221.816	ug/l	97
12) 1,1-Dichloroethene	4.082	96	150540	46.204	ug/l	94
13) Acrolein	3.930	56	116224	224.375	ug/l	99
14) Allyl chloride	4.704	41	263294	47.845	ug/l	88
15) Acrylonitrile	5.405	53	270572	239.878	ug/l	98
16) Acetone	4.161	43	264513	226.556	ug/l	99
17) Carbon Disulfide	4.423	76	416819	46.888	ug/l	99
18) Methyl Acetate	4.710	43	180500	53.969	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	308939	48.143	ug/l	97
20) Methylene Chloride	4.954	84	182336	46.839	ug/l	92
21) trans-1,2-Dichloroethene	5.460	96	170174	47.176	ug/l	98
22) Diisopropyl ether	6.344	45	548474	47.923	ug/l	93
23) Vinyl Acetate	6.283	43	1815632	237.512	ug/l	100
24) 1,1-Dichloroethane	6.246	63	327109	47.045	ug/l	99
25) 2-Butanone	7.191	43	378087	237.771	ug/l	97
26) 2,2-Dichloropropane	7.191	77	166572	46.834	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	207106	47.792	ug/l	94
28) Bromochloromethane	7.533	49	158249	48.374	ug/l	87
29) Tetrahydrofuran	7.551	42	247313	247.317	ug/l	94
30) Chloroform	7.697	83	331309	46.983	ug/l	99
31) Cyclohexane	7.971	56	263340	44.363	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	235925	47.214	ug/l	99
36) 1,1-Dichloropropene	8.093	75	232959	48.069	ug/l	97
37) Ethyl Acetate	7.276	43	153726	47.655	ug/l	99
38) Carbon Tetrachloride	8.081	117	213729	46.865	ug/l	95
39) Methylcyclohexane	9.343	83	276342	47.272	ug/l	97
40) Benzene	8.337	78	713410	46.964	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032316.D
Acq On : 01 Oct 2025 14:37
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:15:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.502	41	86799	49.929	ug/l		92
42)	1,2-Dichloroethane	8.410	62	234579	47.194	ug/l		100
43)	Isopropyl Acetate	8.435	43	275836	48.202	ug/l		100
44)	Trichloroethene	9.099	130	165466	46.519	ug/l		84
45)	1,2-Dichloropropane	9.374	63	180898	47.709	ug/l		100
46)	Dibromomethane	9.465	93	111827	47.962	ug/l		94
47)	Bromodichloromethane	9.654	83	254689	47.759	ug/l		97
48)	Methyl methacrylate	9.441	41	137281	49.341	ug/l	#	92
49)	1,4-Dioxane	9.459	88	32650	1024.535	ug/l	#	94
51)	4-Methyl-2-Pentanone	10.215	43	825948	249.195	ug/l		99
52)	Toluene	10.392	92	454566	48.052	ug/l		99
53)	t-1,3-Dichloropropene	10.611	75	253517	49.001	ug/l		99
54)	cis-1,3-Dichloropropene	10.081	75	288719	48.447	ug/l		93
55)	1,1,2-Trichloroethane	10.788	97	148551	47.671	ug/l		97
56)	Ethyl methacrylate	10.648	69	216484	49.633	ug/l		94
57)	1,3-Dichloropropane	10.934	76	264139	47.992	ug/l		100
58)	2-Chloroethyl Vinyl ether	9.928	63	639919	275.675	ug/l		96
59)	2-Hexanone	10.971	43	581510	248.758	ug/l		99
60)	Dibromochloromethane	11.129	129	172945	48.878	ug/l		96
61)	1,2-Dibromoethane	11.239	107	147146	48.427	ug/l		100
64)	Tetrachloroethene	10.867	164	136139	46.522	ug/l		94
65)	Chlorobenzene	11.660	112	502586	46.707	ug/l		96
66)	1,1,1,2-Tetrachloroethane	11.727	131	154835	46.199	ug/l		98
67)	Ethyl Benzene	11.733	91	848140	47.287	ug/l		97
68)	m/p-Xylenes	11.837	106	653426	94.476	ug/l		98
69)	o-Xylene	12.166	106	311759	48.200	ug/l		100
70)	Styrene	12.178	104	549550	48.664	ug/l		99
71)	Bromoform	12.343	173	92293	48.043	ug/l	#	100
73)	Isopropylbenzene	12.465	105	780146	48.634	ug/l		100
74)	N-amyl acetate	12.269	43	249273	48.711	ug/l		99
75)	1,1,2,2-Tetrachloroethane	12.715	83	189461	47.568	ug/l		99
76)	1,2,3-Trichloropropane	12.763	75	141741m	45.812	ug/l		
77)	Bromobenzene	12.745	156	191637	49.560	ug/l		90
78)	n-propylbenzene	12.800	91	961286	47.974	ug/l		97
79)	2-Chlorotoluene	12.891	91	590868	48.227	ug/l		100
80)	1,3,5-Trimethylbenzene	12.940	105	682722	49.221	ug/l		96
81)	trans-1,4-Dichloro-2-b...	12.513	75	62771	51.537	ug/l		91
82)	4-Chlorotoluene	12.989	91	621247	47.694	ug/l		99
83)	tert-Butylbenzene	13.202	119	552559	48.551	ug/l		99
84)	1,2,4-Trimethylbenzene	13.245	105	695101	49.283	ug/l		100
85)	sec-Butylbenzene	13.379	105	836597	48.102	ug/l		96
86)	p-Isopropyltoluene	13.495	119	703465	48.747	ug/l		99
87)	1,3-Dichlorobenzene	13.495	146	375062	47.901	ug/l		98
88)	1,4-Dichlorobenzene	13.574	146	362915	46.354	ug/l		99
89)	n-Butylbenzene	13.818	91	677726	48.100	ug/l		99
90)	Hexachloroethane	14.092	117	122267	47.269	ug/l		90
91)	1,2-Dichlorobenzene	13.867	146	328681	46.437	ug/l		97
92)	1,2-Dibromo-3-Chloropr...	14.483	75	34323	49.219	ug/l		87
93)	1,2,4-Trichlorobenzene	15.123	180	195251	46.003	ug/l		96
94)	Hexachlorobutadiene	15.232	225	84805	43.703	ug/l		96
95)	Naphthalene	15.360	128	514556	50.483	ug/l		99
96)	1,2,3-Trichlorobenzene	15.543	180	189852	47.458	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032316.D
Acq On : 01 Oct 2025 14:37
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:15:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 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

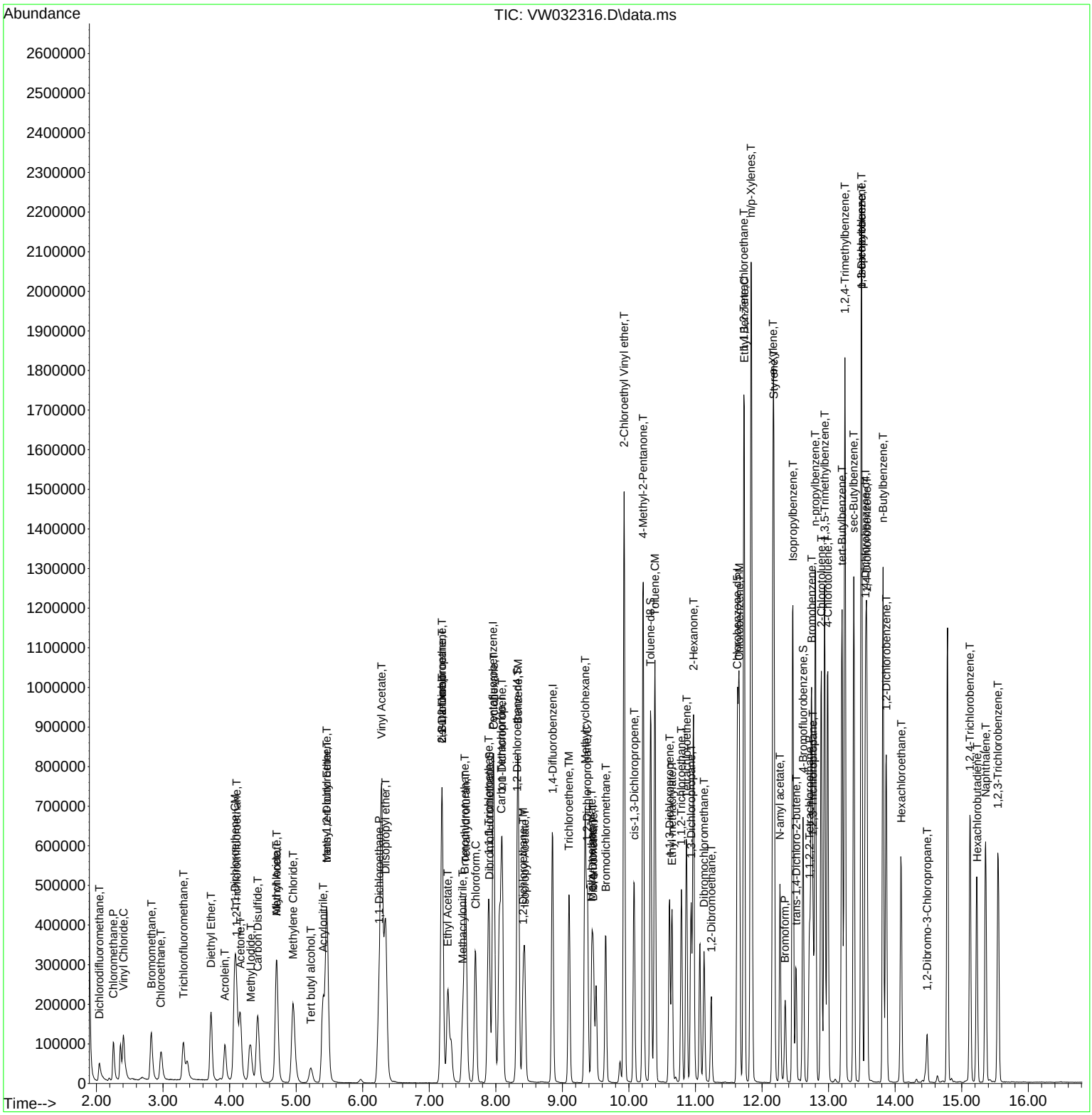
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032316.D
Acq On : 01 Oct 2025 14:37
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 02 21:15:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032317.D
Acq On : 01 Oct 2025 14:59
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	292547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	528901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	475984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	231176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	417484	97.841	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 195.680%#			
35) Dibromofluoromethane	7.898	113	350567	102.349	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 204.700%#			
50) Toluene-d8	10.331	98	1301655	102.965	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 205.920%#			
62) 4-Bromofluorobenzene	12.617	95	485396	101.586	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 203.180%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	165937	90.391	ug/l	98
3) Chloromethane	2.259	50	263109	92.885	ug/l	100
4) Vinyl Chloride	2.405	62	311778	92.194	ug/l	100
5) Bromomethane	2.820	94	228770	92.054	ug/l	94
6) Chloroethane	2.966	64	213270	95.521	ug/l	100
7) Trichlorofluoromethane	3.308	101	246809	97.475	ug/l	97
8) Diethyl Ether	3.722	74	210643	96.005	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.106	101	274433	90.363	ug/l	96
10) Methyl Iodide	4.308	142	411793	95.030	ug/l	99
11) Tert butyl alcohol	5.222	59	142390	440.862	ug/l	97
12) 1,1-Dichloroethene	4.076	96	312434	94.761	ug/l	90
13) Acrolein	3.930	56	241522	460.759	ug/l	100
14) Allyl chloride	4.704	41	538624	96.720	ug/l	89
15) Acrylonitrile	5.405	53	561280	491.730	ug/l	98
16) Acetone	4.161	43	508582	430.455	ug/l	99
17) Carbon Disulfide	4.423	76	887546	98.660	ug/l	100
18) Methyl Acetate	4.710	43	331793	98.033	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	639931	98.544	ug/l	97
20) Methylene Chloride	4.960	84	368359	99.471	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	358450	98.197	ug/l	97
22) Diisopropyl ether	6.344	45	1141459	98.558	ug/l	91
23) Vinyl Acetate	6.283	43	3946823	510.205	ug/l	99
24) 1,1-Dichloroethane	6.246	63	683736	97.173	ug/l	98
25) 2-Butanone	7.197	43	767105	476.718	ug/l	99
26) 2,2-Dichloropropane	7.191	77	345332	95.948	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	433121	98.767	ug/l	95
28) Bromochloromethane	7.533	49	323538	97.732	ug/l	87
29) Tetrahydrofuran	7.551	42	499036	493.149	ug/l	94
30) Chloroform	7.691	83	697012	97.676	ug/l	96
31) Cyclohexane	7.971	56	544824	90.699	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	488662	96.637	ug/l	100
36) 1,1-Dichloropropene	8.093	75	486510	100.644	ug/l	98
37) Ethyl Acetate	7.277	43	322862	100.344	ug/l	99
38) Carbon Tetrachloride	8.081	117	458732	100.845	ug/l	90
39) Methylcyclohexane	9.343	83	601153	103.099	ug/l	98
40) Benzene	8.337	78	1506339	99.416	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032317.D
Acq On : 01 Oct 2025 14:59
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	181036	104.404	ug/l		92
42) 1,2-Dichloroethane	8.410	62	487667	98.363	ug/l		99
43) Isopropyl Acetate	8.435	43	597878	104.746	ug/l		100
44) Trichloroethene	9.099	130	359102	101.217	ug/l		90
45) 1,2-Dichloropropane	9.380	63	375302	99.234	ug/l		99
46) Dibromomethane	9.465	93	231385	99.495	ug/l		95
47) Bromodichloromethane	9.654	83	542848	102.055	ug/l		96
48) Methyl methacrylate	9.441	41	293582	105.789	ug/l	#	91
49) 1,4-Dioxane	9.465	88	66922	2105.342	ug/l		98
51) 4-Methyl-2-Pentanone	10.215	43	1663070	503.045	ug/l		100
52) Toluene	10.392	92	960973	101.843	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	555072	107.561	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	625271	105.188	ug/l		92
55) 1,1,2-Trichloroethane	10.788	97	309412	99.546	ug/l		98
56) Ethyl methacrylate	10.648	69	477191	109.686	ug/l		95
57) 1,3-Dichloropropane	10.934	76	548954	99.997	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	1282918	554.092	ug/l		96
59) 2-Hexanone	10.971	43	1177144	504.847	ug/l		99
60) Dibromochloromethane	11.129	129	375002	106.254	ug/l		99
61) 1,2-Dibromoethane	11.239	107	301749	99.562	ug/l		97
64) Tetrachloroethene	10.867	164	273519	96.034	ug/l		88
65) Chlorobenzene	11.660	112	1041724	99.469	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.733	131	334400	102.516	ug/l		98
67) Ethyl Benzene	11.733	91	1805810	103.444	ug/l		97
68) m/p-Xylenes	11.837	106	1390632	206.584	ug/l		98
69) o-Xylene	12.166	106	667671	106.061	ug/l		99
70) Styrene	12.178	104	1128688	102.692	ug/l		99
71) Bromoform	12.349	173	192066	102.725	ug/l	#	100
73) Isopropylbenzene	12.465	105	1685355	106.560	ug/l		100
74) N-amyl acetate	12.270	43	540543	107.133	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.715	83	385347	98.125	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	295124m	96.745	ug/l		
77) Bromobenzene	12.745	156	396745	104.063	ug/l		92
78) n-propylbenzene	12.800	91	2052249	103.878	ug/l		97
79) 2-Chlorotoluene	12.885	91	1213767	100.479	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	1439767	105.277	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	135383	112.737	ug/l		88
82) 4-Chlorotoluene	12.989	91	1299440	101.179	ug/l		99
83) tert-Butylbenzene	13.202	119	1179238	105.090	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	1445279	103.930	ug/l		99
85) sec-Butylbenzene	13.379	105	1756008	102.403	ug/l		99
86) p-Isopropyltoluene	13.495	119	1460991	102.680	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	766586	99.297	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	767903	99.477	ug/l		95
89) n-Butylbenzene	13.818	91	1440709	103.706	ug/l		98
90) Hexachloroethane	14.092	117	265991	104.296	ug/l		93
91) 1,2-Dichlorobenzene	13.867	146	678218	97.184	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.483	75	67919	98.781	ug/l		89
93) 1,2,4-Trichlorobenzene	15.129	180	433724	103.645	ug/l		97
94) Hexachlorobutadiene	15.232	225	191123	99.894	ug/l		97
95) Naphthalene	15.360	128	1054202	104.900	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	399527	101.292	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032317.D
Acq On : 01 Oct 2025 14:59
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 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

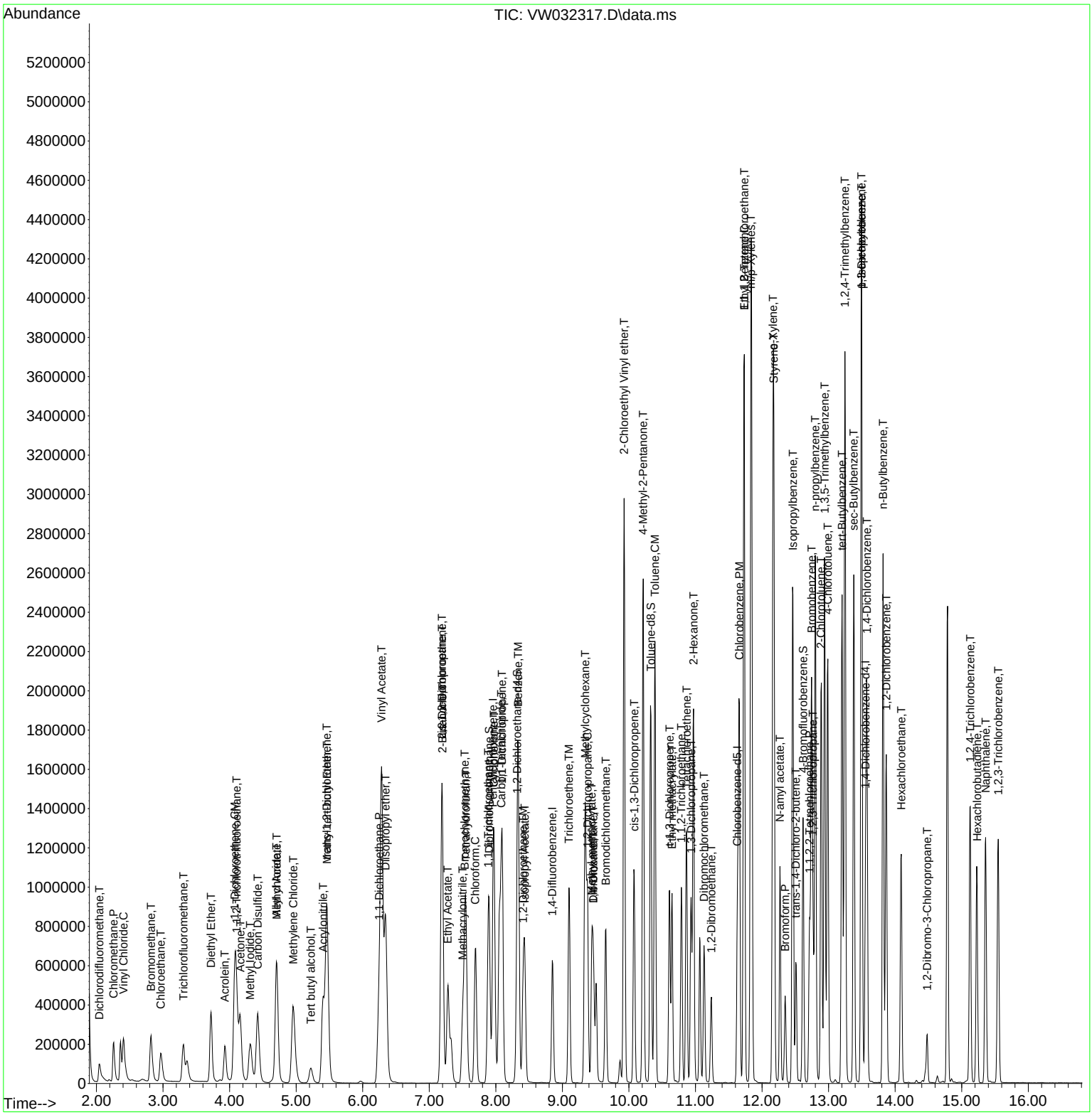
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032317.D
Acq On : 01 Oct 2025 14:59
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 02 21:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032318.D
Acq On : 01 Oct 2025 15:20
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:17:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	291156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	539030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	484985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	616717	145.223	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 290.440%#			
35) Dibromofluoromethane	7.898	113	503547	144.249	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 288.500%#			
50) Toluene-d8	10.325	98	1931096	149.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 299.780%#			
62) 4-Bromofluorobenzene	12.617	95	721146	148.089	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 296.180%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	261383	143.063	ug/l	97
3) Chloromethane	2.259	50	404786	143.584	ug/l	97
4) Vinyl Chloride	2.405	62	470035	139.655	ug/l	98
5) Bromomethane	2.814	94	337072	136.281	ug/l	100
6) Chloroethane	2.966	64	315013	141.765	ug/l	100
7) Trichlorofluoromethane	3.302	101	390434	154.935	ug/l	90
8) Diethyl Ether	3.722	74	319023	146.096	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.100	101	417711	138.198	ug/l	92
10) Methyl Iodide	4.308	142	634551	147.136	ug/l	98
11) Tert butyl alcohol	5.222	59	234095	728.258	ug/l	96
12) 1,1-Dichloroethene	4.076	96	467506	142.471	ug/l	91
13) Acrolein	3.930	56	366309	702.158	ug/l	94
14) Allyl chloride	4.704	41	826844	149.185	ug/l	88
15) Acrylonitrile	5.405	53	873212	768.664	ug/l	98
16) Acetone	4.161	43	790475	672.241	ug/l	100
17) Carbon Disulfide	4.417	76	1328431	148.374	ug/l	99
18) Methyl Acetate	4.710	43	517404	153.605	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	959825	148.511	ug/l	98
20) Methylene Chloride	4.960	84	546261	151.150	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	538776	148.302	ug/l	96
22) Diisopropyl ether	6.344	45	1710365	148.385	ug/l	93
23) Vinyl Acetate	6.283	43	6026856	782.812	ug/l	100
24) 1,1-Dichloroethane	6.246	63	1023465	146.150	ug/l	98
25) 2-Butanone	7.191	43	1210042	755.574	ug/l	99
26) 2,2-Dichloropropane	7.185	77	504110	140.732	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	650040	148.941	ug/l	95
28) Bromochloromethane	7.533	49	486570	147.682	ug/l	88
29) Tetrahydrofuran	7.551	42	782184	776.649	ug/l	94
30) Chloroform	7.691	83	1028785	144.857	ug/l	98
31) Cyclohexane	7.971	56	820370	137.222	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	717558	142.581	ug/l	99
36) 1,1-Dichloropropene	8.093	75	721795	146.511	ug/l	97
37) Ethyl Acetate	7.276	43	501366	152.893	ug/l	99
38) Carbon Tetrachloride	8.081	117	694408	149.786	ug/l	99
39) Methylcyclohexane	9.343	83	907851	152.772	ug/l	93
40) Benzene	8.337	78	2220041	143.766	ug/l	94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032318.D
Acq On : 01 Oct 2025 15:20
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:17:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	282967	160.121	ug/l		92
42) 1,2-Dichloroethane	8.410	62	732140	144.899	ug/l		99
43) Isopropyl Acetate	8.435	43	929737	159.826	ug/l		99
44) Trichloroethene	9.099	130	531979	147.127	ug/l		87
45) 1,2-Dichloropropane	9.374	63	559634	145.193	ug/l		99
46) Dibromomethane	9.465	93	347379	146.565	ug/l		95
47) Bromodichloromethane	9.654	83	807902	149.030	ug/l		96
48) Methyl methacrylate	9.441	41	459352	162.411	ug/l	#	91
49) 1,4-Dioxane	9.459	88	102853	3174.916	ug/l		93
51) 4-Methyl-2-Pentanone	10.215	43	2563648	760.880	ug/l		99
52) Toluene	10.392	92	1416495	147.299	ug/l		96
53) t-1,3-Dichloropropene	10.611	75	845826	160.824	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	944717	155.941	ug/l		93
55) 1,1,2-Trichloroethane	10.788	97	460089	145.242	ug/l		98
56) Ethyl methacrylate	10.648	69	733869	165.515	ug/l		95
57) 1,3-Dichloropropane	10.934	76	820516	146.656	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	2014602	853.757	ug/l		96
59) 2-Hexanone	10.971	43	1842050	775.163	ug/l		99
60) Dibromochloromethane	11.129	129	554578	154.183	ug/l		98
61) 1,2-Dibromoethane	11.239	107	463449	150.041	ug/l		99
64) Tetrachloroethene	10.867	164	406564	140.097	ug/l	#	82
65) Chlorobenzene	11.660	112	1557035	145.914	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.733	131	510773	153.680	ug/l		97
67) Ethyl Benzene	11.733	91	2684011	150.897	ug/l		100
68) m/p-Xylenes	11.837	106	2051963	299.170	ug/l		100
69) o-Xylene	12.166	106	986773	153.842	ug/l		99
70) Styrene	12.178	104	1725722	154.098	ug/l		98
71) Bromoform	12.349	173	304225	159.692	ug/l	#	99
73) Isopropylbenzene	12.465	105	2476143	162.844	ug/l		99
74) N-amyl acetate	12.269	43	829796	171.063	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	579686	153.538	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	441352m	150.487	ug/l		
77) Bromobenzene	12.745	156	569028	155.243	ug/l		89
78) n-propylbenzene	12.800	91	3001989	158.050	ug/l		98
79) 2-Chlorotoluene	12.891	91	1832239	157.767	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	2080060	158.201	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	204880	177.457	ug/l		89
82) 4-Chlorotoluene	12.983	91	1892838	153.300	ug/l		99
83) tert-Butylbenzene	13.202	119	1689407	156.599	ug/l		93
84) 1,2,4-Trimethylbenzene	13.245	105	2037112	152.369	ug/l		99
85) sec-Butylbenzene	13.379	105	2654122	160.991	ug/l		97
86) p-Isopropyltoluene	13.495	119	2141983	156.585	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	1147994	154.671	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	1064904	143.490	ug/l		99
89) n-Butylbenzene	13.818	91	2169211	162.413	ug/l		99
90) Hexachloroethane	14.092	117	392482	160.071	ug/l		94
91) 1,2-Dichlorobenzene	13.867	146	1027041	153.076	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	106355	160.891	ug/l		93
93) 1,2,4-Trichlorobenzene	15.129	180	664620	165.196	ug/l		97
94) Hexachlorobutadiene	15.226	225	283170	153.946	ug/l		99
95) Naphthalene	15.360	128	1692473	175.173	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	596762	157.371	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032318.D
Acq On : 01 Oct 2025 15:20
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:17:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 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

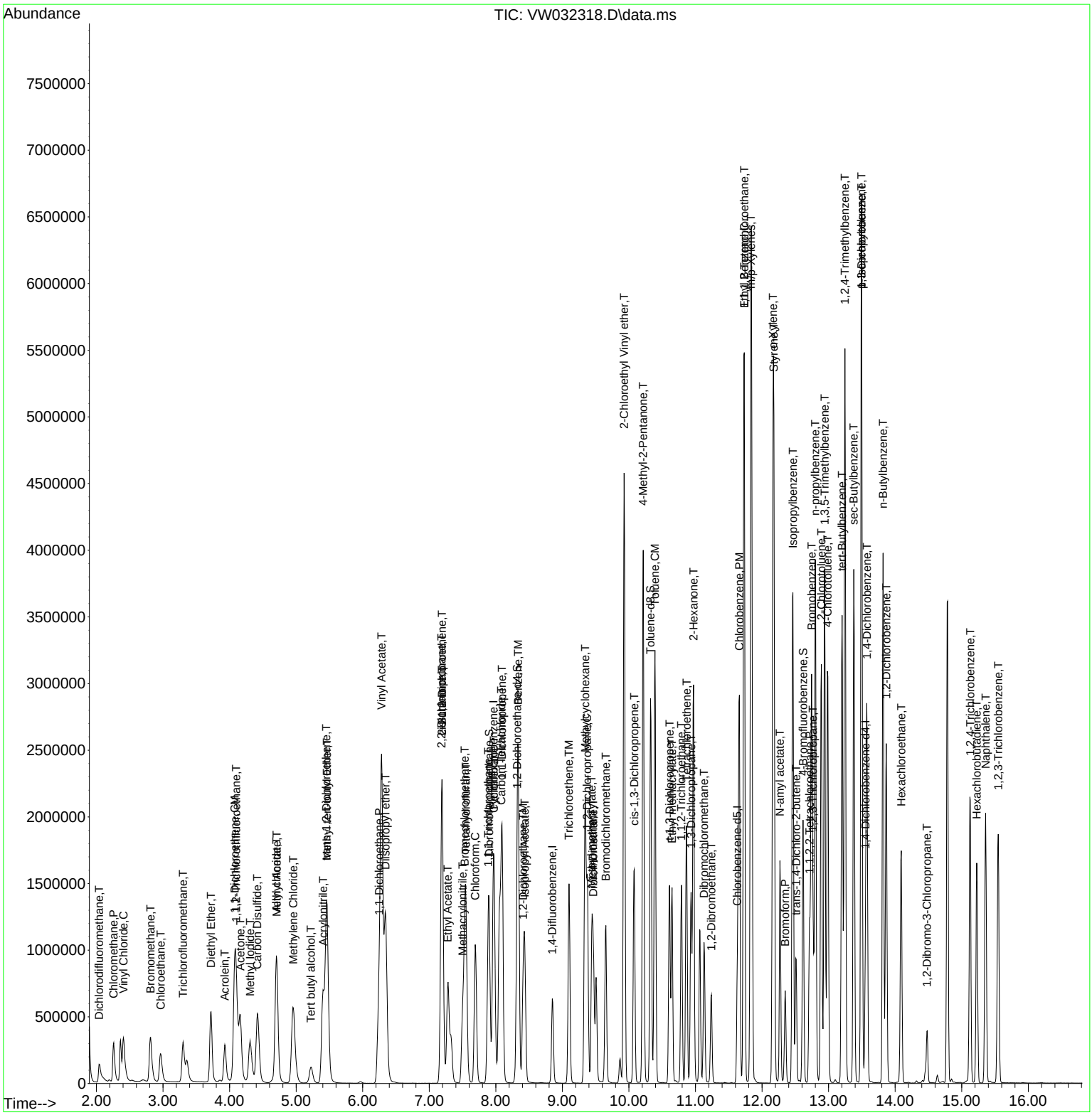
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032318.D
Acq On : 01 Oct 2025 15:20
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 02 21:17:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	286648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	542900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	498213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	235528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	211714	50.638	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.280%			
35) Dibromofluoromethane	7.904	113	172657	49.108	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 98.220%			
50) Toluene-d8	10.325	98	645322	49.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.617	95	236491	48.218	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 96.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	84688	47.081	ug/l	96
3) Chloromethane	2.259	50	138637	49.950	ug/l	96
4) Vinyl Chloride	2.405	62	159289	48.072	ug/l	97
5) Bromomethane	2.826	94	115275	47.340	ug/l	97
6) Chloroethane	2.972	64	106181	48.536	ug/l	97
7) Trichlorofluoromethane	3.314	101	123819	49.907	ug/l	98
8) Diethyl Ether	3.722	74	106705	49.634	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	143716	48.296	ug/l	93
10) Methyl Iodide	4.320	142	201132	47.371	ug/l	100
11) Tert butyl alcohol	5.228	59	77891	246.126	ug/l	97
12) 1,1-Dichloroethene	4.082	96	160883	49.800	ug/l	95
13) Acrolein	3.930	56	119840	233.328	ug/l	99
14) Allyl chloride	4.704	41	271835	49.818	ug/l	88
15) Acrylonitrile	5.405	53	288801	258.222	ug/l	100
16) Acetone	4.161	43	264871	228.796	ug/l	100
17) Carbon Disulfide	4.429	76	436417	49.511	ug/l	100
18) Methyl Acetate	4.710	43	179271	54.058	ug/l	96
19) Methyl tert-butyl Ether	5.466	73	326683	51.342	ug/l	95
20) Methylene Chloride	4.954	84	194169	50.746	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	180820	50.555	ug/l	98
22) Diisopropyl ether	6.344	45	581042	51.202	ug/l	95
23) Vinyl Acetate	6.283	43	1998017	263.598	ug/l	100
24) 1,1-Dichloroethane	6.246	63	344370	49.949	ug/l	99
25) 2-Butanone	7.197	43	399441	253.341	ug/l	97
26) 2,2-Dichloropropane	7.191	77	171137	48.528	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	218943	50.954	ug/l	94
28) Bromochloromethane	7.533	49	164051	50.575	ug/l	85
29) Tetrahydrofuran	7.551	42	265382	267.648	ug/l	94
30) Chloroform	7.691	83	356459	50.980	ug/l	98
31) Cyclohexane	7.971	56	283574	48.179	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	247681	49.989	ug/l	98
36) 1,1-Dichloropropene	8.100	75	246414	49.661	ug/l	98
37) Ethyl Acetate	7.276	43	171315	51.871	ug/l	100
38) Carbon Tetrachloride	8.081	117	231677	49.617	ug/l	96
39) Methylcyclohexane	9.343	83	308455	51.537	ug/l	96
40) Benzene	8.337	78	758892	48.794	ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	101959	57.284	ug/l	#	85
42) 1,2-Dichloroethane	8.416	62	247842	48.701	ug/l		99
43) Isopropyl Acetate	8.435	43	303946	51.877	ug/l		100
44) Trichloroethene	9.105	130	178095	48.904	ug/l		87
45) 1,2-Dichloropropane	9.374	63	191384	49.299	ug/l		97
46) Dibromomethane	9.465	93	118979	49.841	ug/l		94
47) Bromodichloromethane	9.654	83	273884	50.162	ug/l		99
48) Methyl methacrylate	9.441	41	150648	52.884	ug/l	#	91
49) 1,4-Dioxane	9.465	88	34528	1058.229	ug/l		98
51) 4-Methyl-2-Pentanone	10.215	43	878208	258.790	ug/l		100
52) Toluene	10.392	92	484871	50.061	ug/l		95
53) t-1,3-Dichloropropene	10.611	75	271391	51.234	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	306358	50.209	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	159106	49.869	ug/l		99
56) Ethyl methacrylate	10.648	69	233853	52.367	ug/l		93
57) 1,3-Dichloropropane	10.934	76	278336	49.394	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	658757	277.181	ug/l		96
59) 2-Hexanone	10.971	43	627586	262.215	ug/l		99
60) Dibromochloromethane	11.136	129	181813	50.187	ug/l		98
61) 1,2-Dibromoethane	11.239	107	154714	49.732	ug/l		99
64) Tetrachloroethene	10.867	164	147899	49.611	ug/l		96
65) Chlorobenzene	11.660	112	535619	48.862	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	166082	48.644	ug/l		99
67) Ethyl Benzene	11.733	91	922981	50.513	ug/l		100
68) m/p-Xylenes	11.837	106	699490	99.276	ug/l		99
69) o-Xylene	12.166	106	332905	50.523	ug/l		100
70) Styrene	12.178	104	594393	51.667	ug/l		97
71) Bromoform	12.349	173	100214	51.207	ug/l	#	97
73) Isopropylbenzene	12.465	105	839135	52.076	ug/l		100
74) N-amyl acetate	12.269	43	276033	53.697	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	203339	50.822	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	157491m	50.813	ug/l		
77) Bromobenzene	12.745	156	196776	50.659	ug/l		87
78) n-propylbenzene	12.800	91	1039770	51.657	ug/l		98
79) 2-Chlorotoluene	12.891	91	631196	51.287	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	729628	52.365	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.513	75	66508	54.360	ug/l		91
82) 4-Chlorotoluene	12.989	91	663842	50.734	ug/l		100
83) tert-Butylbenzene	13.202	119	611748	53.510	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	729966	51.522	ug/l		99
85) sec-Butylbenzene	13.379	105	904532	51.774	ug/l		99
86) p-Isopropyltoluene	13.495	119	763912	52.697	ug/l		99
87) 1,3-Dichlorobenzene	13.501	146	397346	50.518	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	380433	48.372	ug/l		97
89) n-Butylbenzene	13.818	91	748452	52.880	ug/l		99
90) Hexachloroethane	14.086	117	134862	51.903	ug/l		94
91) 1,2-Dichlorobenzene	13.867	146	347039	48.810	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	36524	52.139	ug/l		88
93) 1,2,4-Trichlorobenzene	15.129	180	218198	51.178	ug/l		93
94) Hexachlorobutadiene	15.232	225	90599	46.478	ug/l		87
95) Naphthalene	15.360	128	572147	55.881	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	206623	51.417	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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

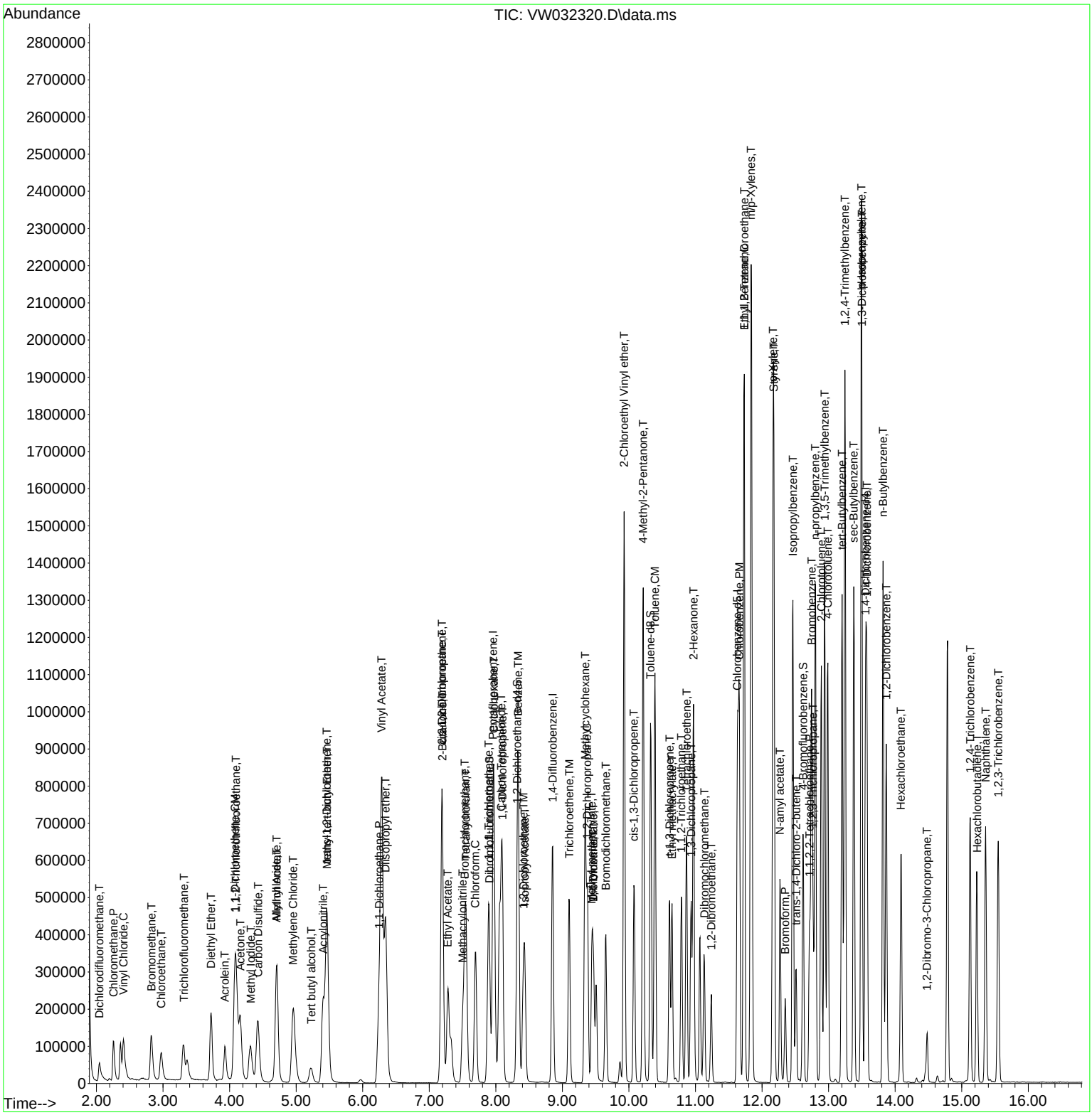
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	99	0.00
2	T	Dichlorodifluoromethane	0.314	0.295	6.1	111	0.00
3	P	Chloromethane	0.484	0.484	0.0	115	0.00
4	C	Vinyl Chloride	0.578	0.556	3.8#	104	0.00
5	T	Bromomethane	0.425	0.402	5.4	104	0.00
6	T	Chloroethane	0.382	0.370	3.1	103	0.00
7	T	Trichlorofluoromethane	0.433	0.432	0.2	102	0.00
8	T	Diethyl Ether	0.375	0.372	0.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.519	0.501	3.5	107	-0.01
10	T	Methyl Iodide	0.741	0.702	5.3	100	0.00
11	T	Tert butyl alcohol	0.055	0.054	1.8	110	0.00
12	CM	1,1-Dichloroethene	0.564	0.561	0.5#	107	0.00
13	T	Acrolein	0.090	0.084	6.7	103	0.00
14	T	Allyl chloride	0.952	0.948	0.4	103	0.00
15	T	Acrylonitrile	0.195	0.202	-3.6	107	0.00
16	T	Acetone	0.202	0.185	8.4	100	0.00
17	T	Carbon Disulfide	1.538	1.522	1.0	105	0.00
18	T	Methyl Acetate	0.578	0.625	-8.1	99	0.00
19	T	Methyl tert-butyl Ether	1.110	1.140	-2.7	106	0.00
20	T	Methylene Chloride	0.838	0.677	19.2	106	0.00
21	T	trans-1,2-Dichloroethene	0.624	0.631	-1.1	106	0.00
22	T	Diisopropyl ether	1.979	2.027	-2.4	106	0.00
23	T	Vinyl Acetate	1.322	1.394	-5.4	110	0.00
24	P	1,1-Dichloroethane	1.203	1.201	0.2	105	0.00
25	T	2-Butanone	0.275	0.279	-1.5	106	0.00
26	T	2,2-Dichloropropane	0.615	0.597	2.9	103	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.764	-2.0	106	0.00
28	T	Bromochloromethane	0.566	0.572	-1.1	104	0.00
29	T	Tetrahydrofuran	0.173	0.185	-6.9	107	0.00
30	C	Chloroform	1.220	1.244	-2.0#	108	0.00
31	T	Cyclohexane	1.027	0.989	3.7	108	0.00
32	T	1,1,1-Trichloroethane	0.864	0.864	0.0	105	0.00
33	S	1,2-Dichloroethane-d4	0.729	0.739	-1.4	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35	S	Dibromofluoromethane	0.324	0.318	1.9	106	0.00
36	T	1,1-Dichloropropene	0.457	0.454	0.7	106	0.00
37	T	Ethyl Acetate	0.304	0.316	-3.9	111	0.00
38	T	Carbon Tetrachloride	0.430	0.427	0.7	108	0.00
39	T	Methylcyclohexane	0.551	0.568	-3.1	112	0.00
40	TM	Benzene	1.432	1.398	2.4	106	0.00
41	T	Methacrylonitrile	0.164	0.188	-14.6	117	0.00
42	TM	1,2-Dichloroethane	0.469	0.457	2.6	106	0.00
43	T	Isopropyl Acetate	0.540	0.560	-3.7	110	0.00
44	TM	Trichloroethene	0.335	0.328	2.1	108	0.00
45	C	1,2-Dichloropropane	0.358	0.353	1.4#	106	0.00
46	T	Dibromomethane	0.220	0.219	0.5	106	0.00
47	T	Bromodichloromethane	0.503	0.504	-0.2	108	0.00
48	T	Methyl methacrylate	0.262	0.277	-5.7	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	106	0.00
50	S	Toluene-d8	1.195	1.189	0.5	102	0.00
51	T	4-Methyl-2-Pentanone	0.313	0.324	-3.5	106	0.00
52	CM	Toluene	0.892	0.893	-0.1#	107	0.00
53	T	t-1,3-Dichloropropene	0.488	0.500	-2.5	107	0.00
54	T	cis-1,3-Dichloropropene	0.562	0.564	-0.4	106	0.00
55	T	1,1,2-Trichloroethane	0.294	0.293	0.3	107	0.00
56	T	Ethyl methacrylate	0.411	0.431	-4.9	108	0.00
57	T	1,3-Dichloropropane	0.519	0.513	1.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.219	0.243	-11.0	103	0.00
59	T	2-Hexanone	0.220	0.231	-5.0	108	0.00
60	T	Dibromochloromethane	0.334	0.335	-0.3	105	0.00
61	T	1,2-Dibromoethane	0.287	0.285	0.7	105	0.00
62	S	4-Bromofluorobenzene	0.452	0.436	3.5	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.299	0.297	0.7	109	0.00
65	PM	Chlorobenzene	1.100	1.075	2.3	107	0.00
66	T	1,1,1,2-Tetrachloroethane	0.343	0.333	2.9	107	0.00
67	C	Ethyl Benzene	1.834	1.853	-1.0#	109	0.00
68	T	m/p-Xylenes	0.707	0.702	0.7	107	0.00
69	T	o-Xylene	0.661	0.668	-1.1	107	0.00
70	T	Styrene	1.155	1.193	-3.3	108	0.00
71	P	Bromoform	0.196	0.201	-2.6	109	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.421	3.563	-4.2	108	0.00
74	T	N-amyl acetate	1.091	1.172	-7.4	111	0.00
75	P	1,1,2,2-Tetrachloroethane	0.849	0.863	-1.6	107	0.00
76	T	1,2,3-Trichloropropane	0.658	0.669	-1.7	111	0.00
77	T	Bromobenzene	0.825	0.835	-1.2	103	0.00
78	T	n-propylbenzene	4.273	4.415	-3.3	108	0.00
79	T	2-Chlorotoluene	2.613	2.680	-2.6	107	0.00
80	T	1,3,5-Trimethylbenzene	2.958	3.098	-4.7	107	0.00
81	T	trans-1,4-Dichloro-2-butene	0.260	0.282	-8.5	106	0.00
82	T	4-Chlorotoluene	2.778	2.819	-1.5	107	0.00
83	T	tert-Butylbenzene	2.427	2.597	-7.0	111	0.00
84	T	1,2,4-Trimethylbenzene	3.008	3.099	-3.0	105	0.00
85	T	sec-Butylbenzene	3.709	3.840	-3.5	108	0.00
86	T	p-Isopropyltoluene	3.077	3.243	-5.4	109	0.00
87	T	1,3-Dichlorobenzene	1.670	1.687	-1.0	106	0.00
88	T	1,4-Dichlorobenzene	1.670	1.615	3.3	105	0.00
89	T	n-Butylbenzene	3.005	3.178	-5.8	110	0.00
90	T	Hexachloroethane	0.552	0.573	-3.8	110	0.00
91	T	1,2-Dichlorobenzene	1.509	1.473	2.4	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.149	0.155	-4.0	106	0.00
93	T	1,2,4-Trichlorobenzene	0.905	0.926	-2.3	112	0.00
94	T	Hexachlorobutadiene	0.414	0.385	7.0	107	0.00
95	T	Naphthalene	2.174	2.429	-11.7	111	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	0.853	0.877	-2.8	109	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\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	47.081	5.8	111	0.00
3	P	Chloromethane	50.000	49.950	0.1	115	0.00
4	C	Vinyl Chloride	50.000	48.072	3.9#	104	0.00
5	T	Bromomethane	50.000	47.340	5.3	104	0.00
6	T	Chloroethane	50.000	48.536	2.9	103	0.00
7	T	Trichlorofluoromethane	50.000	49.907	0.2	102	0.00
8	T	Diethyl Ether	50.000	49.634	0.7	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.296	3.4	107	-0.01
10	T	Methyl Iodide	50.000	47.371	5.3	100	0.00
11	T	Tert butyl alcohol	250.000	246.126	1.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	49.800	0.4#	107	0.00
13	T	Acrolein	250.000	233.328	6.7	103	0.00
14	T	Allyl chloride	50.000	49.818	0.4	103	0.00
15	T	Acrylonitrile	250.000	258.222	-3.3	107	0.00
16	T	Acetone	250.000	228.796	8.5	100	0.00
17	T	Carbon Disulfide	50.000	49.511	1.0	105	0.00
18	T	Methyl Acetate	50.000	54.058	-8.1	99	0.00
19	T	Methyl tert-butyl Ether	50.000	51.342	-2.7	106	0.00
20	T	Methylene Chloride	50.000	50.746	-1.5	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.555	-1.1	106	0.00
22	T	Diisopropyl ether	50.000	51.202	-2.4	106	0.00
23	T	Vinyl Acetate	250.000	263.598	-5.4	110	0.00
24	P	1,1-Dichloroethane	50.000	49.949	0.1	105	0.00
25	T	2-Butanone	250.000	253.341	-1.3	106	0.00
26	T	2,2-Dichloropropane	50.000	48.528	2.9	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.954	-1.9	106	0.00
28	T	Bromochloromethane	50.000	50.575	-1.2	104	0.00
29	T	Tetrahydrofuran	250.000	267.648	-7.1	107	0.00
30	C	Chloroform	50.000	50.980	-2.0#	108	0.00
31	T	Cyclohexane	50.000	48.179	3.6	108	0.00
32	T	1,1,1-Trichloroethane	50.000	49.989	0.0	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.638	-1.3	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	49.108	1.8	106	0.00
36	T	1,1-Dichloropropene	50.000	49.661	0.7	106	0.00
37	T	Ethyl Acetate	50.000	51.871	-3.7	111	0.00
38	T	Carbon Tetrachloride	50.000	49.617	0.8	108	0.00
39	T	Methylcyclohexane	50.000	51.537	-3.1	112	0.00
40	TM	Benzene	50.000	48.794	2.4	106	0.00
41	T	Methacrylonitrile	50.000	57.284	-14.6	117	0.00
42	TM	1,2-Dichloroethane	50.000	48.701	2.6	106	0.00
43	T	Isopropyl Acetate	50.000	51.877	-3.8	110	0.00
44	TM	Trichloroethene	50.000	48.904	2.2	108	0.00
45	C	1,2-Dichloropropane	50.000	49.299	1.4#	106	0.00
46	T	Dibromomethane	50.000	49.841	0.3	106	0.00
47	T	Bromodichloromethane	50.000	50.162	-0.3	108	0.00
48	T	Methyl methacrylate	50.000	52.884	-5.8	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	1058.229	-5.8	106	0.00
50	S	Toluene-d8	50.000	49.731	0.5	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.790	-3.5	106	0.00
52	CM	Toluene	50.000	50.061	-0.1#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	51.234	-2.5	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.209	-0.4	106	0.00
55	T	1,1,2-Trichloroethane	50.000	49.869	0.3	107	0.00
56	T	Ethyl methacrylate	50.000	52.367	-4.7	108	0.00
57	T	1,3-Dichloropropane	50.000	49.394	1.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.181	-10.9	103	0.00
59	T	2-Hexanone	250.000	262.215	-4.9	108	0.00
60	T	Dibromochloromethane	50.000	50.187	-0.4	105	0.00
61	T	1,2-Dibromoethane	50.000	49.732	0.5	105	0.00
62	S	4-Bromofluorobenzene	50.000	48.218	3.6	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	49.611	0.8	109	0.00
65	PM	Chlorobenzene	50.000	48.862	2.3	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.644	2.7	107	0.00
67	C	Ethyl Benzene	50.000	50.513	-1.0#	109	0.00
68	T	m/p-Xylenes	100.000	99.276	0.7	107	0.00
69	T	o-Xylene	50.000	50.523	-1.0	107	0.00
70	T	Styrene	50.000	51.667	-3.3	108	0.00
71	P	Bromoform	50.000	51.207	-2.4	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	52.076	-4.2	108	0.00
74	T	N-amyl acetate	50.000	53.697	-7.4	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.822	-1.6	107	0.00
76	T	1,2,3-Trichloropropane	50.000	50.813	-1.6	111	0.00
77	T	Bromobenzene	50.000	50.659	-1.3	103	0.00
78	T	n-propylbenzene	50.000	51.657	-3.3	108	0.00
79	T	2-Chlorotoluene	50.000	51.287	-2.6	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.365	-4.7	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.360	-8.7	106	0.00
82	T	4-Chlorotoluene	50.000	50.734	-1.5	107	0.00
83	T	tert-Butylbenzene	50.000	53.510	-7.0	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.522	-3.0	105	0.00
85	T	sec-Butylbenzene	50.000	51.774	-3.5	108	0.00
86	T	p-Isopropyltoluene	50.000	52.697	-5.4	109	0.00
87	T	1,3-Dichlorobenzene	50.000	50.518	-1.0	106	0.00
88	T	1,4-Dichlorobenzene	50.000	48.372	3.3	105	0.00
89	T	n-Butylbenzene	50.000	52.880	-5.8	110	0.00
90	T	Hexachloroethane	50.000	51.903	-3.8	110	0.00
91	T	1,2-Dichlorobenzene	50.000	48.810	2.4	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.139	-4.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.178	-2.4	112	0.00
94	T	Hexachlorobutadiene	50.000	46.478	7.0	107	0.00
95	T	Naphthalene	50.000	55.881	-11.8	111	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Quant Time: Oct 02 21:27:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	51.417	-2.8	109	0.00

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

Raw Data: **VW032339.D**

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: GENV01
Lab Code: ACE
SDG No.: Q3277
Instrument ID: MSVOA_W
Calibration Date/Time: 10/03/2025 09:13
Lab File ID: VW032339.D
Init. Calib. Date(s): 10/01/2025 10/01/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 13:12 15:20
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.314	0.269		-14.33	20
Chloromethane	0.484	0.432	0.1	-10.74	20
Vinyl Chloride	0.578	0.608		5.19	20
Bromomethane	0.425	0.429		0.94	20
Chloroethane	0.382	0.391		2.36	20
Trichlorofluoromethane	0.433	0.421		-2.77	20
1,1,2-Trichlorotrifluoroethane	0.519	0.538		3.66	20
1,1-Dichloroethene	0.564	0.597		5.85	20
Acetone	0.202	0.204		0.99	20
Carbon Disulfide	1.538	1.668		8.45	20
Methyl tert-butyl Ether	1.110	1.205		8.56	20
Methyl Acetate	0.578	0.511		-11.59	20
Methylene Chloride	0.838	0.766		-8.59	20
trans-1,2-Dichloroethene	0.624	0.668		7.05	20
1,1-Dichloroethane	1.203	1.257	0.1	4.49	20
Cyclohexane	1.027	1.029		0.19	20
2-Butanone	0.275	0.272		-1.09	20
Carbon Tetrachloride	0.430	0.470		9.3	20
cis-1,2-Dichloroethene	0.749	0.794		6.01	20
Bromochloromethane	0.566	0.570		0.71	20
Chloroform	1.220	1.334		9.34	20
1,1,1-Trichloroethane	0.864	0.943		9.14	20
Methylcyclohexane	0.551	0.611		10.89	20
Benzene	1.432	1.568		9.5	20
1,2-Dichloroethane	0.469	0.510		8.74	20
Trichloroethene	0.335	0.355		5.97	20
1,2-Dichloropropane	0.358	0.391		9.22	20
Bromodichloromethane	0.503	0.560		11.33	20
4-Methyl-2-Pentanone	0.313	0.340		8.63	20
Toluene	0.892	0.993		11.32	20
t-1,3-Dichloropropene	0.488	0.547		12.09	20
cis-1,3-Dichloropropene	0.562	0.617		9.79	20
1,1,2-Trichloroethane	0.294	0.320		8.84	20
2-Hexanone	0.220	0.236		7.27	20
Dibromochloromethane	0.334	0.355		6.29	20
1,2-Dibromoethane	0.287	0.307		6.97	20
Tetrachloroethene	0.299	0.302		1	20
Chlorobenzene	1.100	1.173	0.3	6.64	20

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

Raw Data: **VW032339.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3277
Instrument ID:	MSVOA_W	Calibration Date/Time:	10/03/2025 09:13
Lab File ID:	VW032339.D	Init. Calib. Date(s):	10/01/2025 10/01/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	13:12 15:20

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.834	2.040		11.23	20
m/p-Xylenes	0.707	0.787		11.31	20
o-Xylene	0.661	0.744		12.56	20
Styrene	1.155	1.279		10.74	20
Bromoform	0.196	0.204	0.1	4.08	20
Isopropylbenzene	3.421	3.711		8.48	20
1,1,2,2-Tetrachloroethane	0.849	0.873	0.3	2.83	20
1,3-Dichlorobenzene	1.670	1.791		7.25	20
1,4-Dichlorobenzene	1.670	1.667		-0.18	20
1,2-Dichlorobenzene	1.509	1.625		7.69	20
1,2-Dibromo-3-Chloropropane	0.149	0.146		-2.01	20
1,2,4-Trichlorobenzene	0.905	0.946		4.53	20
1,2,3-Trichlorobenzene	0.853	0.869		1.88	20
1,2-Dichloroethane-d4	0.729	0.718		-1.51	20
Dibromofluoromethane	0.324	0.329		1.54	20
Toluene-d8	1.195	1.239		3.68	20
4-Bromofluorobenzene	0.452	0.467		3.32	20

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

Sample Results: **VW032339.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
10/06/2025
Supervised By :Semsettin Yesilyurt
10/06/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.959	168	275706	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	492762	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.629	117	456443	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	225457	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.313	65	197832	49.196 ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 98.400%		
35) Dibromofluoromethane	7.898	113	162268	50.849 ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 101.700%		
50) Toluene-d8	10.325	98	610504	51.835 ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.660%		
62) 4-Bromofluorobenzene	12.617	95	230099	51.688 ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.380%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	74115	42.839 ug/l	98
3) Chloromethane	2.253	50	118976	44.568 ug/l	100
4) Vinyl Chloride	2.405	62	167510	52.559 ug/l	99
5) Bromomethane	2.820	94	118267	50.496 ug/l	97
6) Chloroethane	2.966	64	107846	51.254 ug/l	100
7) Trichlorofluoromethane	3.302	101	116012	48.616 ug/l	94
8) Diethyl Ether	3.716	74	108700	52.568 ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.094	101	148234	51.791 ug/l	94
10) Methyl Iodide	4.308	142	224973	55.089 ug/l	98
11) Tert butyl alcohol	5.210	59	78377	257.490 ug/l	97
12) 1,1-Dichloroethene	4.076	96	164602	52.973 ug/l	90
13) Acrolein	3.923	56	104268	211.066 ug/l	99
14) Allyl chloride	4.704	41	281065	53.554 ug/l	90
15) Acrylonitrile	5.393	53	275712	256.302 ug/l	99
16) Acetone	4.155	43	281838	253.114 ug/l	99
17) Carbon Disulfide	4.417	76	459943	54.250 ug/l	100
18) Methyl Acetate	4.704	43	140838	44.154 ug/l	97
19) Methyl tert-butyl Ether	5.460	73	332228	54.285 ug/l	97
20) Methylene Chloride	4.948	84	211067	58.131 ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	184168	53.534 ug/l	97
22) Diisopropyl ether	6.338	45	590351	54.087 ug/l	93
23) Vinyl Acetate	6.277	43	2004159	274.902 ug/l	99
24) 1,1-Dichloroethane	6.240	63	346574	52.264 ug/l	99
25) 2-Butanone	7.191	43	375249	247.443 ug/l	100
26) 2,2-Dichloropropane	7.185	77	185910	54.809 ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	218882	52.962 ug/l	93
28) Bromochloromethane	7.526	49	157086	50.350 ug/l	88
29) Tetrahydrofuran	7.551	42	242680	254.466 ug/l	95
30) Chloroform	7.691	83	367840	54.696 ug/l	98
31) Cyclohexane	7.965	56	283633	50.102 ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	260061	54.571 ug/l	99
36) 1,1-Dichloropropene	8.093	75	247037	54.852 ug/l	99
37) Ethyl Acetate	7.270	43	161434	53.852 ug/l	97
38) Carbon Tetrachloride	8.075	117	231384	54.597 ug/l	98
39) Methylcyclohexane	9.343	83	300835	55.378 ug/l	97
40) Benzene	8.331	78	772626	54.732 ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

10/06/2025

Supervised By :Semsettin Yesilyurt

10/06/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.496	41	95282	58.979 ug/l		87
42) 1,2-Dichloroethane	8.410	62	251106	54.363 ug/l		100
43) Isopropyl Acetate	8.435	43	290322	54.594 ug/l		99
44) Trichloroethene	9.099	130	175032	52.953 ug/l		98
45) 1,2-Dichloropropane	9.374	63	192621	54.666 ug/l		97
46) Dibromomethane	9.465	93	119456	55.133 ug/l		94
47) Bromodichloromethane	9.648	83	275972	55.687 ug/l		100
48) Methyl methacrylate	9.441	41	138248	53.469 ug/l	#	92
49) 1,4-Dioxane	9.459	88	30303	1023.238 ug/l		90
51) 4-Methyl-2-Pentanone	10.209	43	836948	271.726 ug/l		98
52) Toluene	10.392	92	489119	55.638 ug/l		99
53) t-1,3-Dichloropropene	10.605	75	269570	56.068 ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	304123	54.914 ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	157524	54.397 ug/l		96
56) Ethyl methacrylate	10.648	69	225639	55.669 ug/l		93
57) 1,3-Dichloropropane	10.934	76	280771	54.896 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	614096	284.680 ug/l		95
59) 2-Hexanone	10.965	43	582275	268.038 ug/l		100
60) Dibromochloromethane	11.129	129	174875	53.184 ug/l		94
61) 1,2-Dibromoethane	11.239	107	151283	53.577 ug/l		99
64) Tetrachloroethene	10.861	164	137947	50.507 ug/l		93
65) Chlorobenzene	11.660	112	535356	53.307 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	165857	53.023 ug/l		97
67) Ethyl Benzene	11.727	91	931216	55.627 ug/l		99
68) m/p-Xylenes	11.837	106	718283	111.272 ug/l		100
69) o-Xylene	12.166	106	339821	56.292 ug/l		99
70) Styrene	12.178	104	583617	55.373 ug/l		100
71) Bromoform	12.349	173	93024	51.883 ug/l	#	98
73) Isopropylbenzene	12.458	105	836649	54.241 ug/l		99
74) N-amyl acetate	12.270	43	262756	53.398 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	196881	51.406 ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	147025m	49.555 ug/l		
77) Bromobenzene	12.745	156	200397	53.896 ug/l		92
78) n-propylbenzene	12.800	91	1058560	54.940 ug/l		97
79) 2-Chlorotoluene	12.885	91	641871	54.484 ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	724225	54.299 ug/l		97
81) trans-1,4-Dichloro-2-b...	12.507	75	63642	54.341 ug/l		94
82) 4-Chlorotoluene	12.989	91	672167	53.665 ug/l		99
83) tert-Butylbenzene	13.202	119	619939	56.649 ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	733435	54.079 ug/l		100
85) sec-Butylbenzene	13.379	105	907595	54.270 ug/l		99
86) p-Isopropyltoluene	13.495	119	776020	55.923 ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	403770	53.628 ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	375840	49.923 ug/l		98
89) n-Butylbenzene	13.818	91	745424	55.019 ug/l		99
90) Hexachloroethane	14.086	117	133119	53.520 ug/l		94
91) 1,2-Dichlorobenzene	13.867	146	366331	53.824 ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	32966	49.162 ug/l		91
93) 1,2,4-Trichlorobenzene	15.129	180	213186	52.236 ug/l		99
94) Hexachlorobutadiene	15.232	225	97863	52.448 ug/l		98
95) Naphthalene	15.360	128	536788	54.769 ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	195919	50.931 ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
10/06/2025
Supervised By :Semsettin Yesilyurt
10/06/2025

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\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

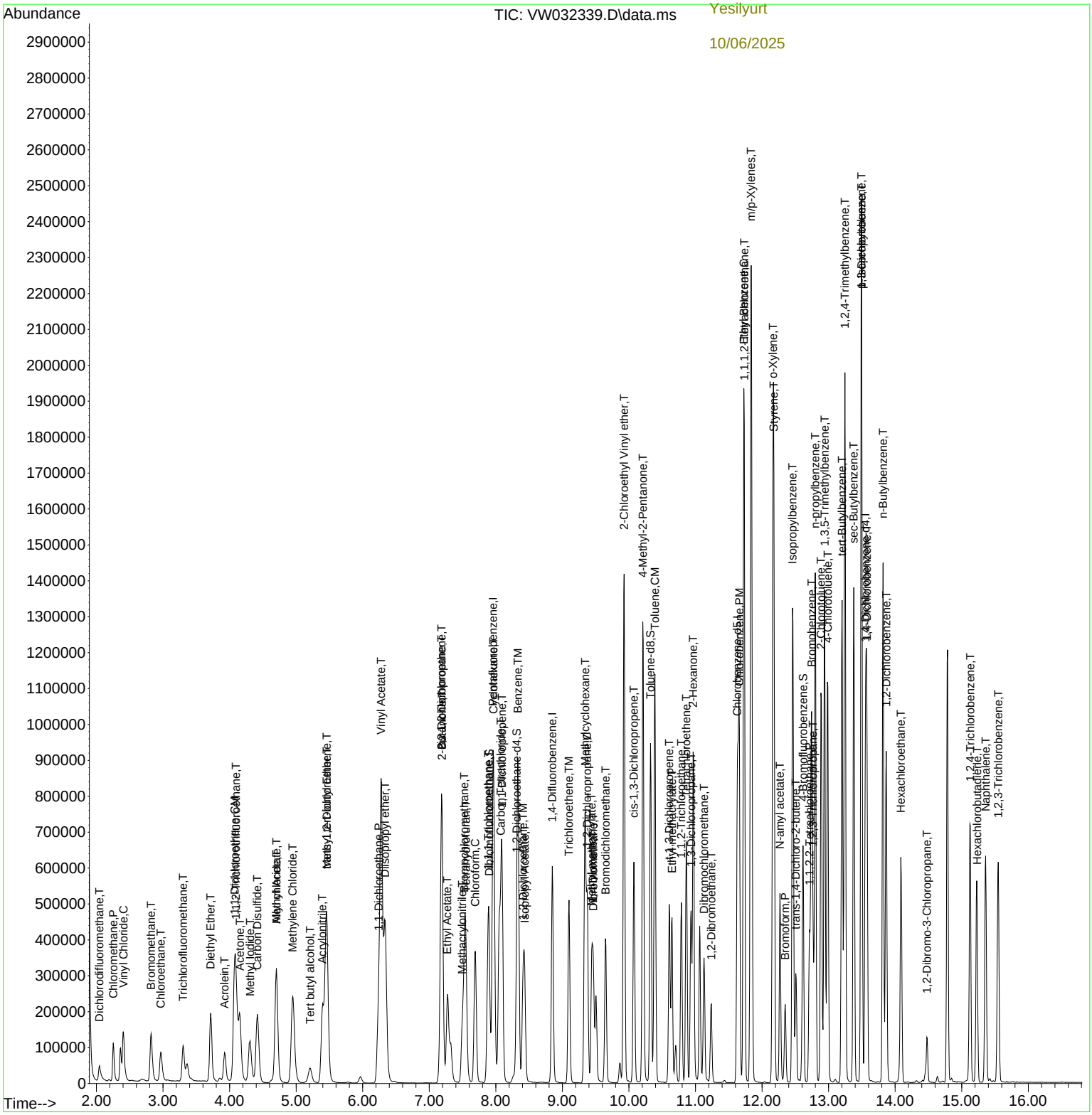
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

10/06/2025

Supervised By :Semsettin Yesilyurt

10/06/2025



Sample Results: **VW032339.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	95	0.00
2	T	Dichlorodifluoromethane	0.314	0.269	14.3	97	0.00
3	P	Chloromethane	0.484	0.432	10.7	99	0.00
4	C	Vinyl Chloride	0.578	0.608	-5.2#	109	0.00
5	T	Bromomethane	0.425	0.429	-0.9	107	0.00
6	T	Chloroethane	0.382	0.391	-2.4	105	0.00
7	T	Trichlorofluoromethane	0.433	0.421	2.8	96	0.00
8	T	Diethyl Ether	0.375	0.394	-5.1	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.519	0.538	-3.7	110	-0.01
10	T	Methyl Iodide	0.741	0.816	-10.1	112	0.00
11	T	Tert butyl alcohol	0.055	0.057	-3.6	111	-0.01
12	CM	1,1-Dichloroethene	0.564	0.597	-5.9#	109	0.00
13	T	Acrolein	0.090	0.076	15.6	90	0.00
14	T	Allyl chloride	0.952	1.019	-7.0	107	0.00
15	T	Acrylonitrile	0.195	0.200	-2.6	102	-0.01
16	T	Acetone	0.202	0.204	-1.0	107	0.00
17	T	Carbon Disulfide	1.538	1.668	-8.5	110	0.00
18	T	Methyl Acetate	0.578	0.511	11.6	78	0.00
19	T	Methyl tert-butyl Ether	1.110	1.205	-8.6	108	0.00
20	T	Methylene Chloride	0.838	0.766	8.6	116	-0.01
21	T	trans-1,2-Dichloroethene	0.624	0.668	-7.1	108	0.00
22	T	Diisopropyl ether	1.979	2.141	-8.2	108	0.00
23	T	Vinyl Acetate	1.322	1.454	-10.0	110	0.00
24	P	1,1-Dichloroethane	1.203	1.257	-4.5	106	0.00
25	T	2-Butanone	0.275	0.272	1.1	99	0.00
26	T	2,2-Dichloropropane	0.615	0.674	-9.6	112	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.794	-6.0	106	0.00
28	T	Bromochloromethane	0.566	0.570	-0.7	99	0.00
29	T	Tetrahydrofuran	0.173	0.176	-1.7	98	0.00
30	C	Chloroform	1.220	1.334	-9.3#	111	0.00
31	T	Cyclohexane	1.027	1.029	-0.2	108	0.00
32	T	1,1,1-Trichloroethane	0.864	0.943	-9.1	110	0.00
33	S	1,2-Dichloroethane-d4	0.729	0.718	1.5	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.324	0.329	-1.5	100	0.00
36	T	1,1-Dichloropropene	0.457	0.501	-9.6	106	0.00
37	T	Ethyl Acetate	0.304	0.328	-7.9	105	0.00
38	T	Carbon Tetrachloride	0.430	0.470	-9.3	108	-0.01
39	T	Methylcyclohexane	0.551	0.611	-10.9	109	0.00
40	TM	Benzene	1.432	1.568	-9.5	108	0.00
41	T	Methacrylonitrile	0.164	0.193	-17.7	110	0.00
42	TM	1,2-Dichloroethane	0.469	0.510	-8.7	107	0.00
43	T	Isopropyl Acetate	0.540	0.589	-9.1	105	0.00
44	TM	Trichloroethene	0.335	0.355	-6.0	106	0.00
45	C	1,2-Dichloropropane	0.358	0.391	-9.2#	106	0.00
46	T	Dibromomethane	0.220	0.242	-10.0	107	0.00
47	T	Bromodichloromethane	0.503	0.560	-11.3	108	0.00
48	T	Methyl methacrylate	0.262	0.281	-7.3	101	0.00

Sample Results: **VW032339.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	93	0.00
50	S	Toluene-d8	1.195	1.239	-3.7	96	0.00
51	T	4-Methyl-2-Pentanone	0.313	0.340	-8.6	101	0.00
52	CM	Toluene	0.892	0.993	-11.3#	108	0.00
53	T	t-1,3-Dichloropropene	0.488	0.547	-12.1	106	0.00
54	T	cis-1,3-Dichloropropene	0.562	0.617	-9.8	105	0.00
55	T	1,1,2-Trichloroethane	0.294	0.320	-8.8	106	0.00
56	T	Ethyl methacrylate	0.411	0.458	-11.4	104	0.00
57	T	1,3-Dichloropropane	0.519	0.570	-9.8	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.219	0.249	-13.7	96	0.00
59	T	2-Hexanone	0.220	0.236	-7.3	100	0.00
60	T	Dibromochloromethane	0.334	0.355	-6.3	101	0.00
61	T	1,2-Dibromoethane	0.287	0.307	-7.0	103	0.00
62	S	4-Bromofluorobenzene	0.452	0.467	-3.3	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.299	0.302	-1.0	101	0.00
65	PM	Chlorobenzene	1.100	1.173	-6.6	107	0.00
66	T	1,1,1,2-Tetrachloroethane	0.343	0.363	-5.8	107	0.00
67	C	Ethyl Benzene	1.834	2.040	-11.2#	110	0.00
68	T	m/p-Xylenes	0.707	0.787	-11.3	110	0.00
69	T	o-Xylene	0.661	0.744	-12.6	109	0.00
70	T	Styrene	1.155	1.279	-10.7	106	0.00
71	P	Bromoform	0.196	0.204	-4.1	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73	T	Isopropylbenzene	3.421	3.711	-8.5	107	0.00
74	T	N-amyl acetate	1.091	1.165	-6.8	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.849	0.873	-2.8	104	0.00
76	T	1,2,3-Trichloropropane	0.658	0.652	0.9	104	0.00
77	T	Bromobenzene	0.825	0.889	-7.8	105	0.00
78	T	n-propylbenzene	4.273	4.695	-9.9	110	0.00
79	T	2-Chlorotoluene	2.613	2.847	-9.0	109	0.00
80	T	1,3,5-Trimethylbenzene	2.958	3.212	-8.6	106	0.00
81	T	trans-1,4-Dichloro-2-butene	0.260	0.282	-8.5	101	0.00
82	T	4-Chlorotoluene	2.778	2.981	-7.3	108	0.00
83	T	tert-Butylbenzene	2.427	2.750	-13.3	112	0.00
84	T	1,2,4-Trimethylbenzene	3.008	3.253	-8.1	106	0.00
85	T	sec-Butylbenzene	3.709	4.026	-8.5	108	0.00
86	T	p-Isopropyltoluene	3.077	3.442	-11.9	110	0.00
87	T	1,3-Dichlorobenzene	1.670	1.791	-7.2	108	0.00
88	T	1,4-Dichlorobenzene	1.670	1.667	0.2	104	0.00
89	T	n-Butylbenzene	3.005	3.306	-10.0	110	0.00
90	T	Hexachloroethane	0.552	0.590	-6.9	109	0.00
91	T	1,2-Dichlorobenzene	1.509	1.625	-7.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.149	0.146	2.0	96	0.00
93	T	1,2,4-Trichlorobenzene	0.905	0.946	-4.5	109	0.00
94	T	Hexachlorobutadiene	0.414	0.434	-4.8	115	0.00
95	T	Naphthalene	2.174	2.381	-9.5	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	0.853	0.869	-1.9	103	0.00

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

Sample Results: **VW032339.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	42.839	14.3	97	0.00
3	P	Chloromethane	50.000	44.568	10.9	99	0.00
4	C	Vinyl Chloride	50.000	52.559	-5.1#	109	0.00
5	T	Bromomethane	50.000	50.496	-1.0	107	0.00
6	T	Chloroethane	50.000	51.254	-2.5	105	0.00
7	T	Trichlorofluoromethane	50.000	48.616	2.8	96	0.00
8	T	Diethyl Ether	50.000	52.568	-5.1	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.791	-3.6	110	-0.01
10	T	Methyl Iodide	50.000	55.089	-10.2	112	0.00
11	T	Tert butyl alcohol	250.000	257.490	-3.0	111	-0.01
12	CM	1,1-Dichloroethene	50.000	52.973	-5.9#	109	0.00
13	T	Acrolein	250.000	211.066	15.6	90	0.00
14	T	Allyl chloride	50.000	53.554	-7.1	107	0.00
15	T	Acrylonitrile	250.000	256.302	-2.5	102	-0.01
16	T	Acetone	250.000	253.114	-1.2	107	0.00
17	T	Carbon Disulfide	50.000	54.250	-8.5	110	0.00
18	T	Methyl Acetate	50.000	44.154	11.7	78	0.00
19	T	Methyl tert-butyl Ether	50.000	54.285	-8.6	108	0.00
20	T	Methylene Chloride	50.000	58.131	-16.3	116	-0.01
21	T	trans-1,2-Dichloroethene	50.000	53.534	-7.1	108	0.00
22	T	Diisopropyl ether	50.000	54.087	-8.2	108	0.00
23	T	Vinyl Acetate	250.000	274.902	-10.0	110	0.00
24	P	1,1-Dichloroethane	50.000	52.264	-4.5	106	0.00
25	T	2-Butanone	250.000	247.443	1.0	99	0.00
26	T	2,2-Dichloropropane	50.000	54.809	-9.6	112	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.962	-5.9	106	0.00
28	T	Bromochloromethane	50.000	50.350	-0.7	99	0.00
29	T	Tetrahydrofuran	250.000	254.466	-1.8	98	0.00
30	C	Chloroform	50.000	54.696	-9.4#	111	0.00
31	T	Cyclohexane	50.000	50.102	-0.2	108	0.00
32	T	1,1,1-Trichloroethane	50.000	54.571	-9.1	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.196	1.6	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	50.849	-1.7	100	0.00
36	T	1,1-Dichloropropene	50.000	54.852	-9.7	106	0.00
37	T	Ethyl Acetate	50.000	53.852	-7.7	105	0.00
38	T	Carbon Tetrachloride	50.000	54.597	-9.2	108	-0.01
39	T	Methylcyclohexane	50.000	55.378	-10.8	109	0.00
40	TM	Benzene	50.000	54.732	-9.5	108	0.00
41	T	Methacrylonitrile	50.000	58.979	-18.0	110	0.00
42	TM	1,2-Dichloroethane	50.000	54.363	-8.7	107	0.00
43	T	Isopropyl Acetate	50.000	54.594	-9.2	105	0.00
44	TM	Trichloroethene	50.000	52.953	-5.9	106	0.00
45	C	1,2-Dichloropropane	50.000	54.666	-9.3#	106	0.00
46	T	Dibromomethane	50.000	55.133	-10.3	107	0.00
47	T	Bromodichloromethane	50.000	55.687	-11.4	108	0.00
48	T	Methyl methacrylate	50.000	53.469	-6.9	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	1023.238	-2.3	93	0.00
50	S	Toluene-d8	50.000	51.835	-3.7	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.726	-8.7	101	0.00
52	CM	Toluene	50.000	55.638	-11.3#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	56.068	-12.1	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.914	-9.8	105	0.00
55	T	1,1,2-Trichloroethane	50.000	54.397	-8.8	106	0.00
56	T	Ethyl methacrylate	50.000	55.669	-11.3	104	0.00
57	T	1,3-Dichloropropane	50.000	54.896	-9.8	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	284.680	-13.9	96	0.00
59	T	2-Hexanone	250.000	268.038	-7.2	100	0.00
60	T	Dibromochloromethane	50.000	53.184	-6.4	101	0.00
61	T	1,2-Dibromoethane	50.000	53.577	-7.2	103	0.00
62	S	4-Bromofluorobenzene	50.000	51.688	-3.4	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	50.507	-1.0	101	0.00
65	PM	Chlorobenzene	50.000	53.307	-6.6	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.023	-6.0	107	0.00
67	C	Ethyl Benzene	50.000	55.627	-11.3#	110	0.00
68	T	m/p-Xylenes	100.000	111.272	-11.3	110	0.00
69	T	o-Xylene	50.000	56.292	-12.6	109	0.00
70	T	Styrene	50.000	55.373	-10.7	106	0.00
71	P	Bromoform	50.000	51.883	-3.8	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	54.241	-8.5	107	0.00
74	T	N-amyl acetate	50.000	53.398	-6.8	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.406	-2.8	104	0.00
76	T	1,2,3-Trichloropropane	50.000	49.555	0.9	104	0.00
77	T	Bromobenzene	50.000	53.896	-7.8	105	0.00
78	T	n-propylbenzene	50.000	54.940	-9.9	110	0.00
79	T	2-Chlorotoluene	50.000	54.484	-9.0	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.299	-8.6	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.341	-8.7	101	0.00
82	T	4-Chlorotoluene	50.000	53.665	-7.3	108	0.00
83	T	tert-Butylbenzene	50.000	56.649	-13.3	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.079	-8.2	106	0.00
85	T	sec-Butylbenzene	50.000	54.270	-8.5	108	0.00
86	T	p-Isopropyltoluene	50.000	55.923	-11.8	110	0.00
87	T	1,3-Dichlorobenzene	50.000	53.628	-7.3	108	0.00
88	T	1,4-Dichlorobenzene	50.000	49.923	0.2	104	0.00
89	T	n-Butylbenzene	50.000	55.019	-10.0	110	0.00
90	T	Hexachloroethane	50.000	53.520	-7.0	109	0.00
91	T	1,2-Dichlorobenzene	50.000	53.824	-7.6	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.162	1.7	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.236	-4.5	109	0.00
94	T	Hexachlorobutadiene	50.000	52.448	-4.9	115	0.00
95	T	Naphthalene	50.000	54.769	-9.5	104	0.00

Sample Results: **VW032339.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032339.D
Acq On : 03 Oct 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 04:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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	50.931	-1.9	103	0.00

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

QC SAMPLE DATA

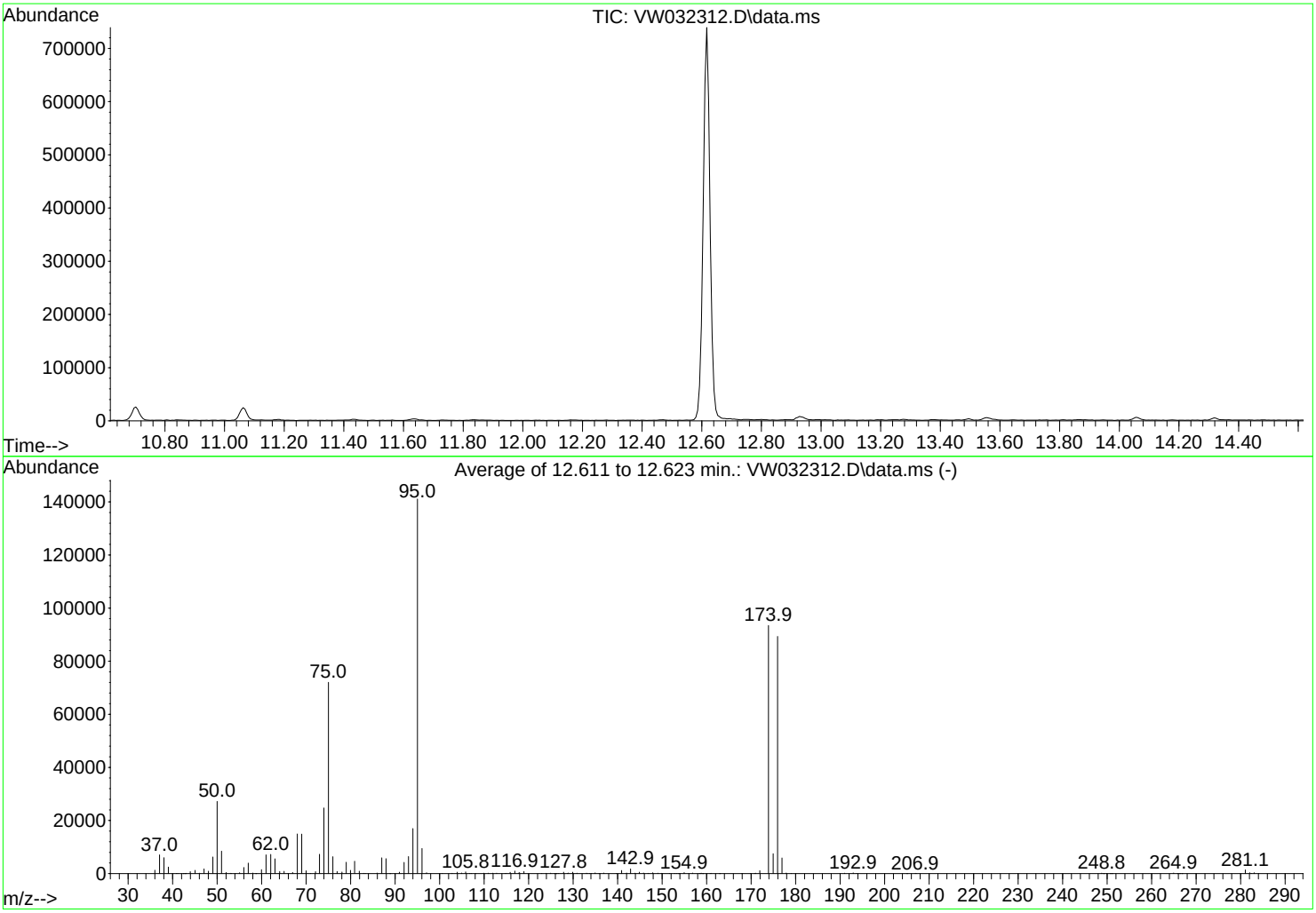
Sample Results: **VW032312.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032312.D
Acq On : 01 Oct 2025 08:12
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260
Last Update : Thu Oct 02 21:24:16 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	19.3	27221	PASS
75	95	30	60	51.1	72061	PASS
95	95	100	100	100.0	141091	PASS
96	95	5	9	6.7	9491	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.2	93424	PASS
175	174	5	9	8.0	7516	PASS
176	174	95	101	95.6	89325	PASS
177	176	5	9	6.6	5907	PASS

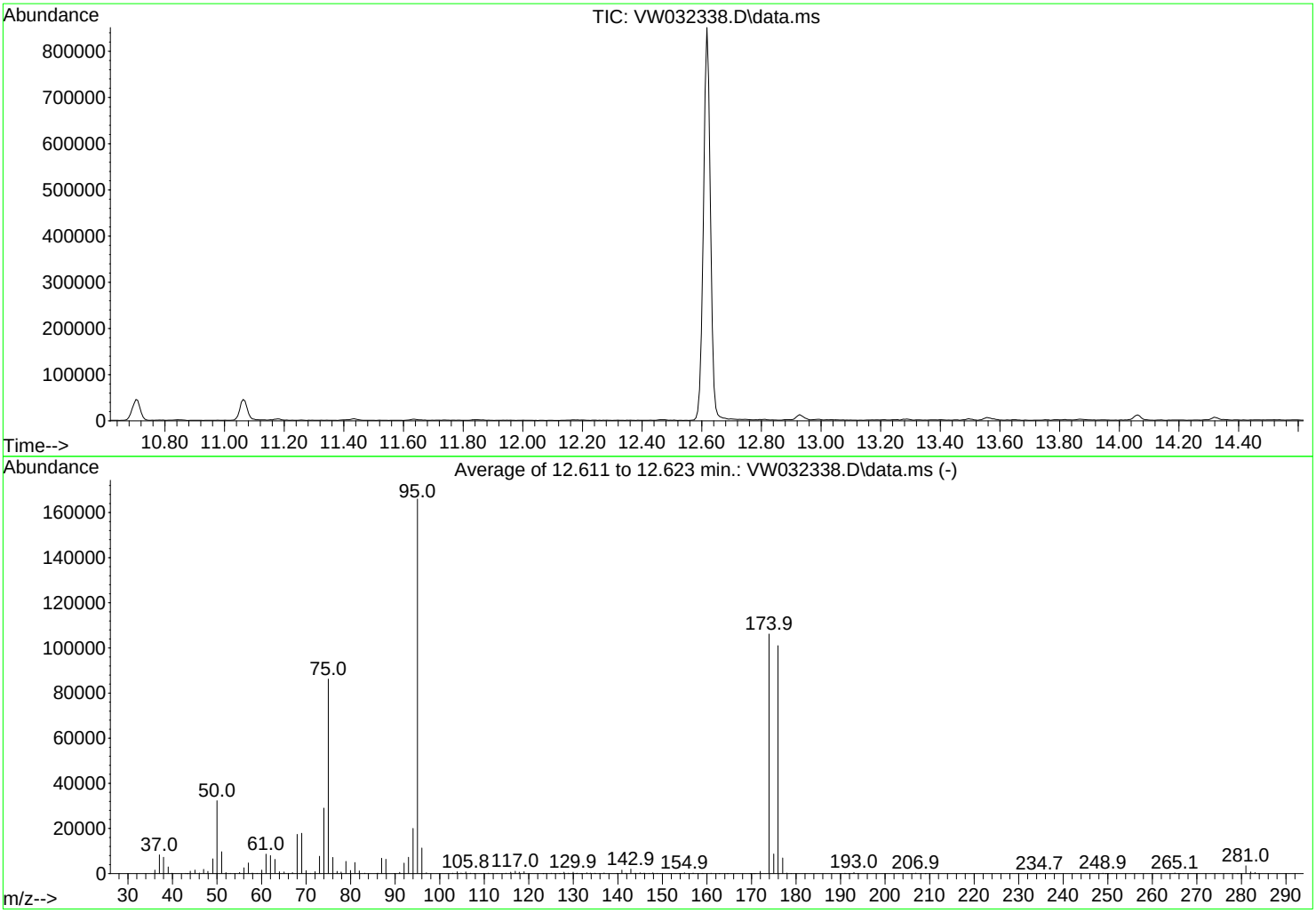
Sample Results: **VW032338.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032338.D
Acq On : 03 Oct 2025 08:39
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260
Last Update : Thu Oct 02 21:24:16 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	19.5	32309	PASS
75	95	30	60	51.9	86245	PASS
95	95	100	100	100.0	166016	PASS
96	95	5	9	6.8	11359	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.0	106200	PASS
175	174	5	9	8.2	8687	PASS
176	174	95	101	95.1	100992	PASS
177	176	5	9	6.9	6963	PASS

Raw Data: **VW032340.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBL01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032340.D	1	10/03/25 09:40	VW100325

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBL01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032340.D	1	10/03/25 09:40	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.5		63 - 155	125%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	53.6		74 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	7.965			
540-36-3	1,4-Difluorobenzene	424000	8.849			
3114-55-4	Chlorobenzene-d5	436000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.556			

Raw Data: **VW032340.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Newport		Date Received:		
Client Sample ID:	VW1003SBL01		SDG No.:	Q3277	
Lab Sample ID:	VW1003SBL01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	100	
Sample Wt/Vol:	5 Units:	g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032340.D	1	10/03/25 09:40	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032340.D
Acq On : 03 Oct 2025 09:40
Operator : SY/MD
Sample : VW1003SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Quant Time: Oct 04 04:57:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	187187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	423770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	435697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	203854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170547	62.466	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 124.940%			
35) Dibromofluoromethane	7.898	113	146507	53.384	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 106.760%			
50) Toluene-d8	10.325	98	542522	53.562	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.617	95	194781	50.878	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.760%			

Target Compounds	Qvalue

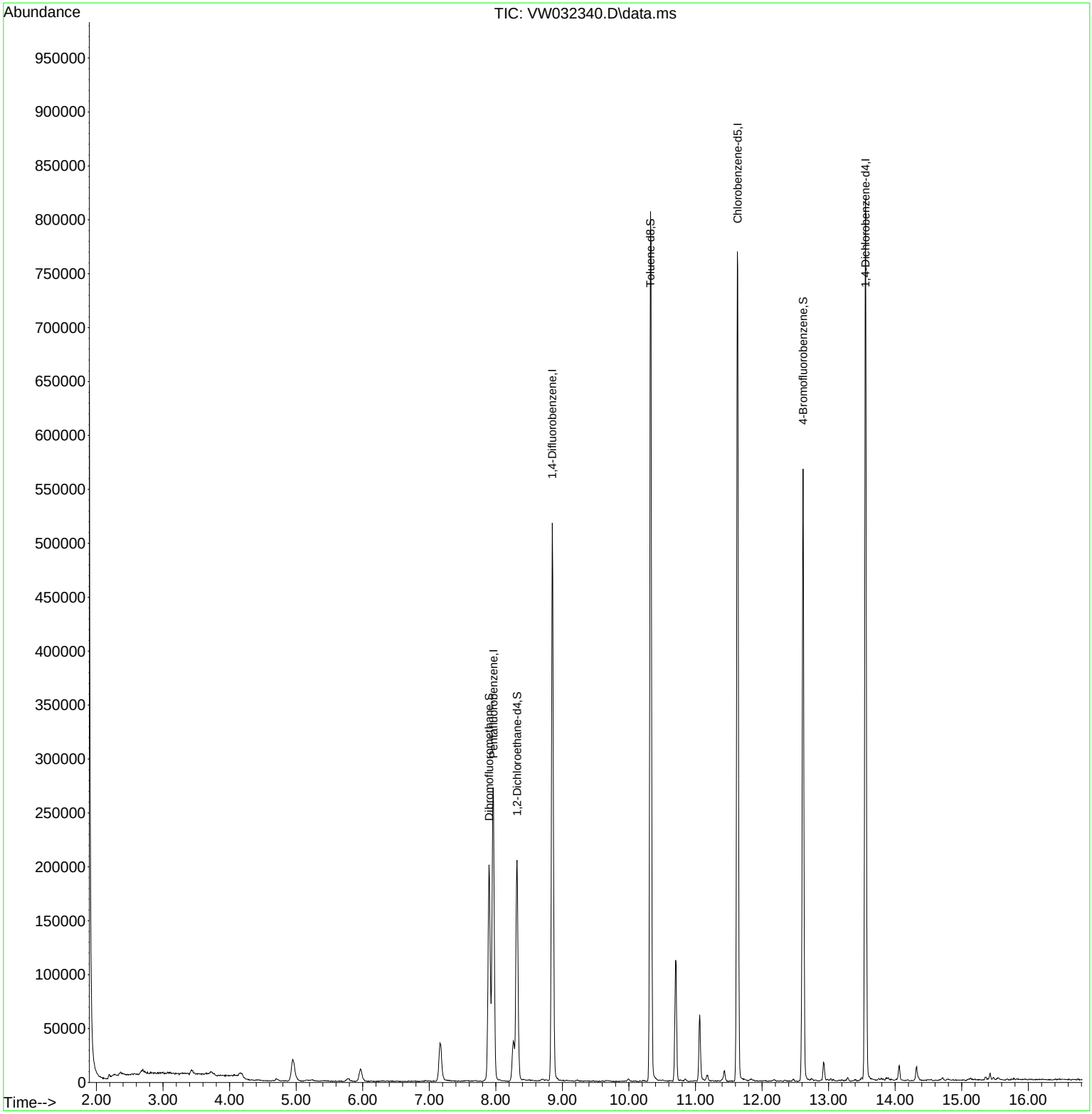
(#) = qualifier out of range (m) = manual integration (+) = signals summed

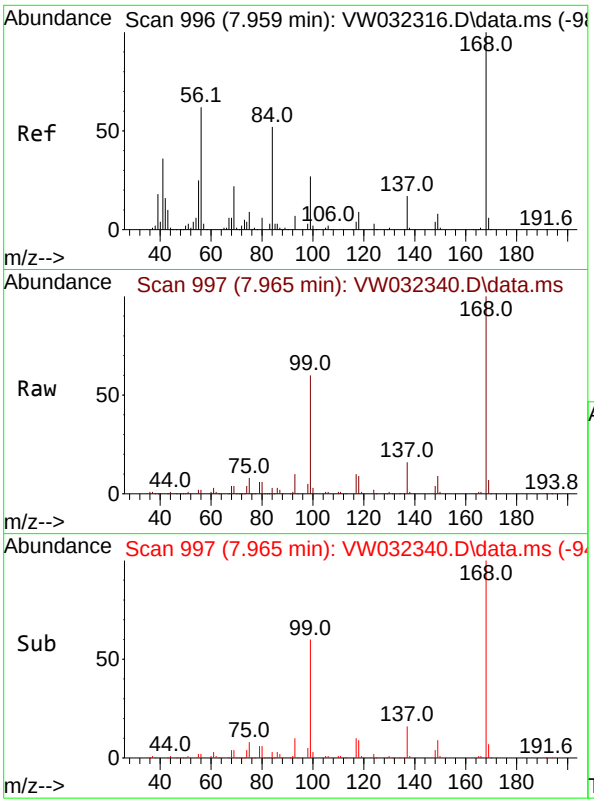
Sample Results: **VW032340.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032340.D
Acq On : 03 Oct 2025 09:40
Operator : SY/MD
Sample : VW1003SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Quant Time: Oct 04 04:57:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration



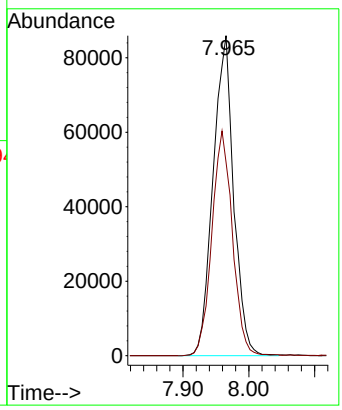


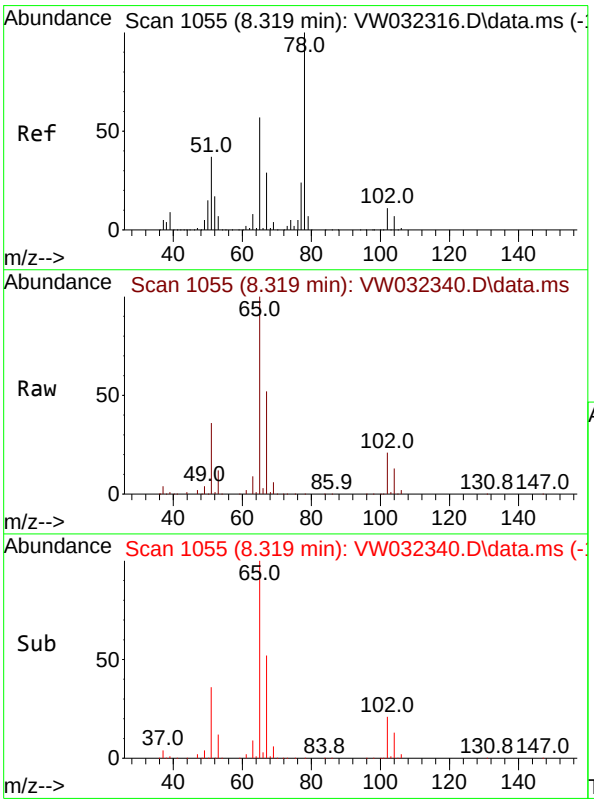
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Tgt Ion:168 Resp: 187187

Ion	Ratio	Lower	Upper
168	100		
99	60.4	49.3	73.9

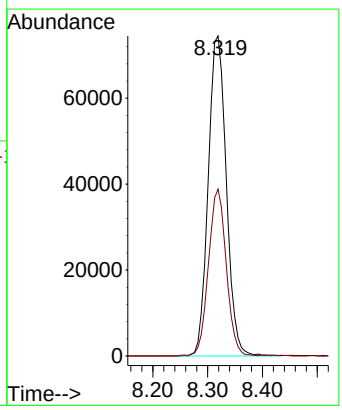


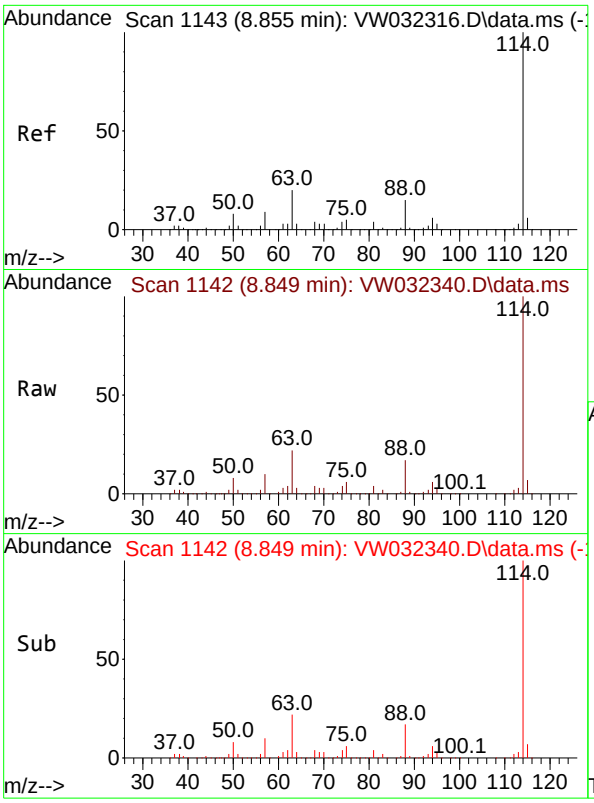


#33
1,2-Dichloroethane-d4
Concen: 62.466 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion: 65 Resp: 170547

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	99.6



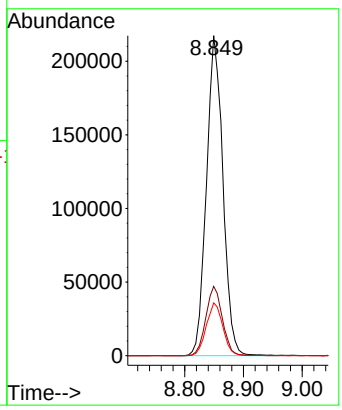


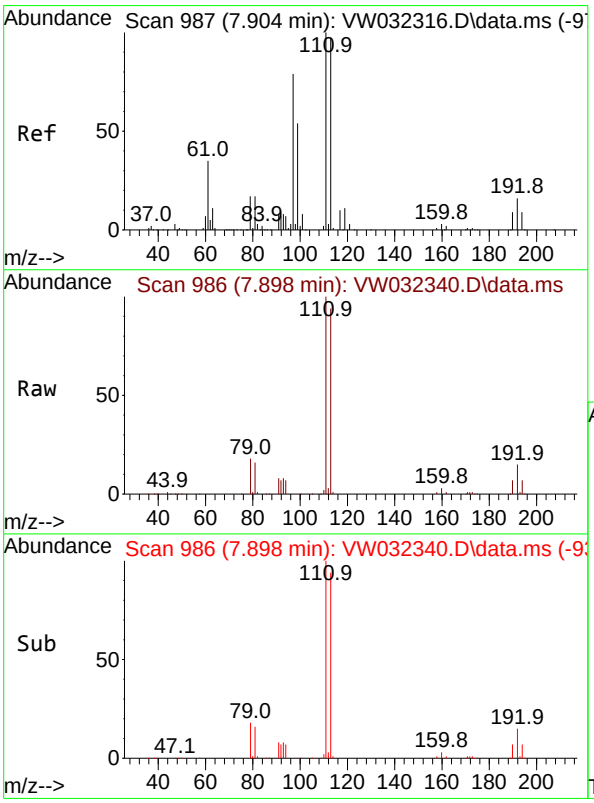
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Tgt Ion:114 Resp: 423770

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.4
88	16.5	0.0	32.0

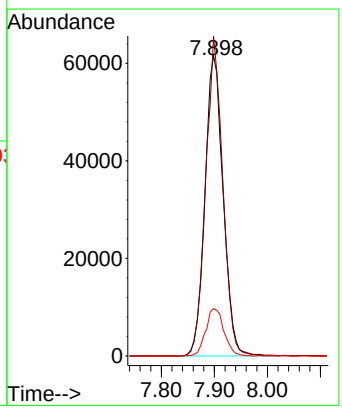


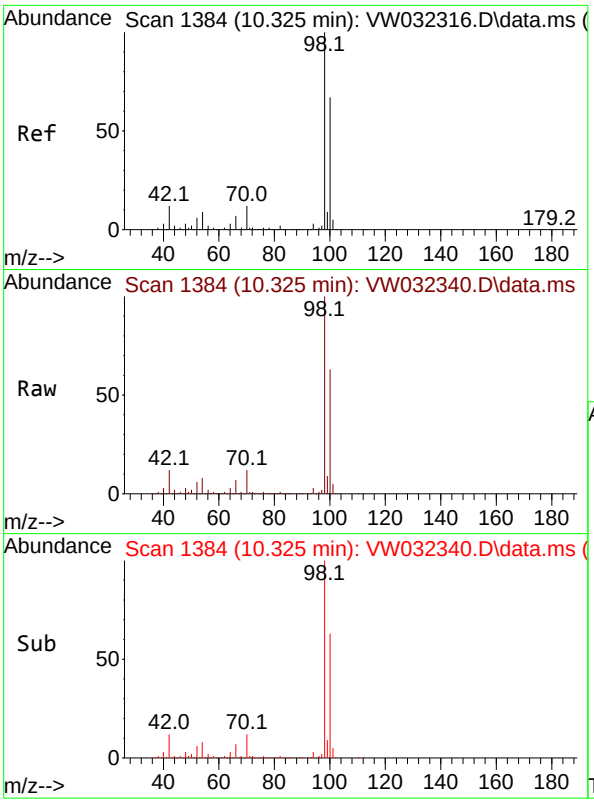


#35
Dibromofluoromethane
Concen: 53.384 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion:113 Resp: 146507

Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.9	125.9
192	15.8	14.6	21.8



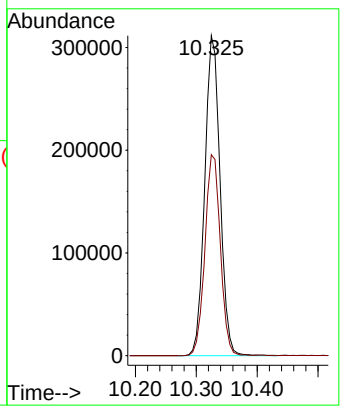


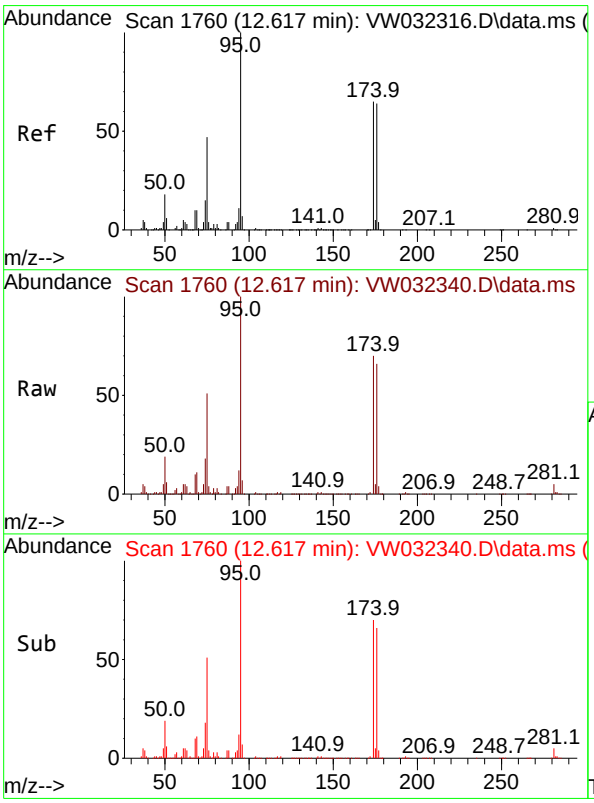
#50
Toluene-d8
Concen: 53.562 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Tgt Ion: 98 Resp: 542522

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.2

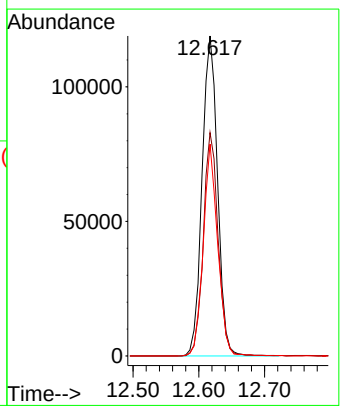


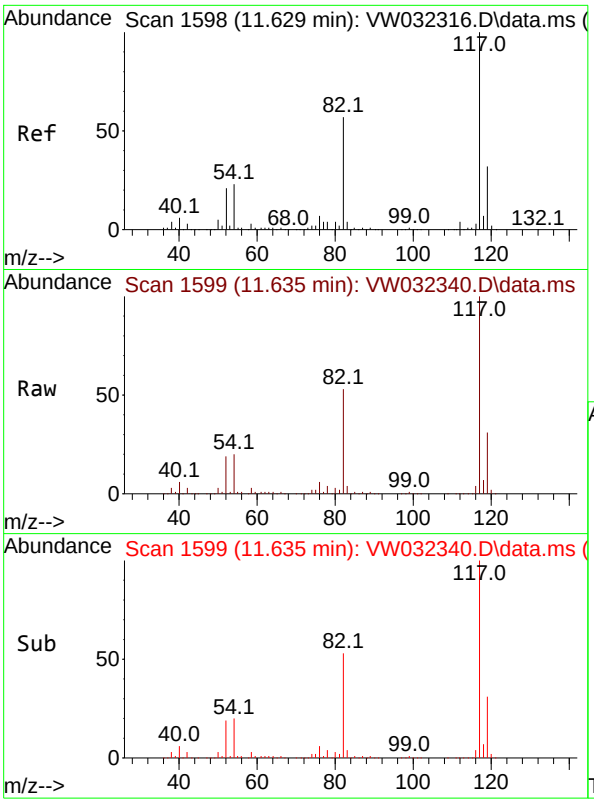


#62
4-Bromofluorobenzene
Concen: 50.878 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion: 95 Resp: 194781

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	145.6
176	62.1	0.0	140.8



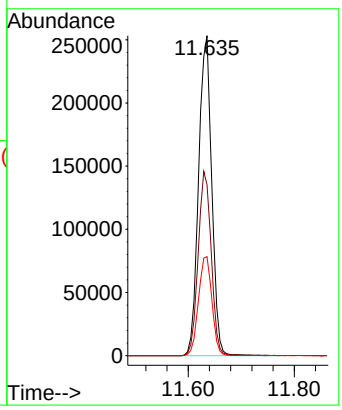


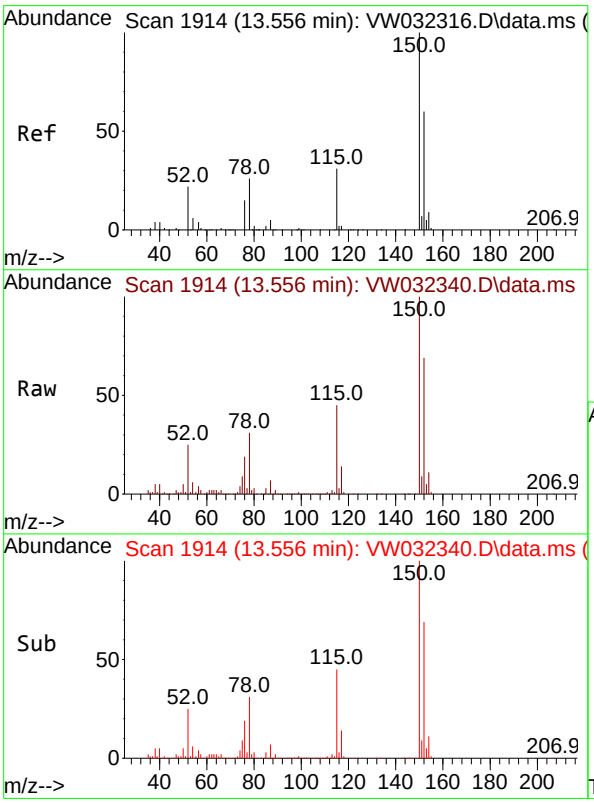
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Tgt Ion:117 Resp: 435697

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.7	64.1
119	31.0	25.2	37.8

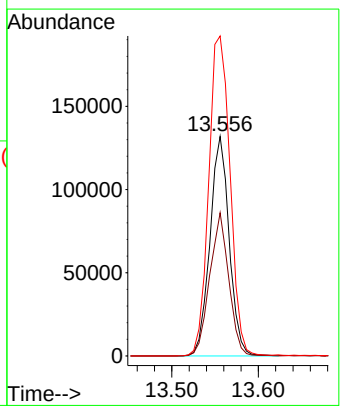




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion:152 Resp: 203854

Ion	Ratio	Lower	Upper
152	100		
115	64.6	31.8	95.4
150	161.3	0.0	343.0



Sample Results: **VW032340.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032340.D
Acq On : 03 Oct 2025 09:40
Operator : SY/MD
Sample : VW1003SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260

Signal : TIC: VW032340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.948	489	502	524	rBV3	20280	78519	5.47%	0.937%
2	5.966	658	669	681	rBV3	11421	36143	2.52%	0.431%
3	7.161	855	865	881	rBV	35436	108912	7.58%	1.300%
4	7.898	975	986	991	rBV2	199721	472229	32.87%	5.638%
5	7.959	991	996	1010	rVB2	271348	619083	43.09%	7.391%
6	8.264	1034	1046	1049	rBV2	37517	91593	6.38%	1.093%
7	8.319	1049	1055	1067	rVB	204070	462855	32.22%	5.526%
8	8.849	1131	1142	1154	rBV	517098	1022545	71.17%	12.207%
9	10.325	1376	1384	1396	rBV	806425	1436666	100.00%	17.151%
10	10.703	1439	1446	1455	rBV	112273	210373	14.64%	2.511%
11	11.062	1497	1505	1517	rBV2	61458	110990	7.73%	1.325%
12	11.434	1555	1566	1572	rVB3	9749	20326	1.41%	0.243%
13	11.629	1591	1598	1610	rBV	769097	1359077	94.60%	16.225%
14	12.617	1751	1760	1771	rBV	567305	951505	66.23%	11.359%
15	12.922	1806	1810	1817	rBV3	16654	28373	1.97%	0.339%
16	13.556	1907	1914	1928	rVB	816283	1318109	91.75%	15.736%
17	14.062	1991	1997	2005	rVB	13272	21913	1.53%	0.262%
18	14.324	2031	2040	2048	rBV2	13118	27330	1.90%	0.326%

Sum of corrected areas: 8376541

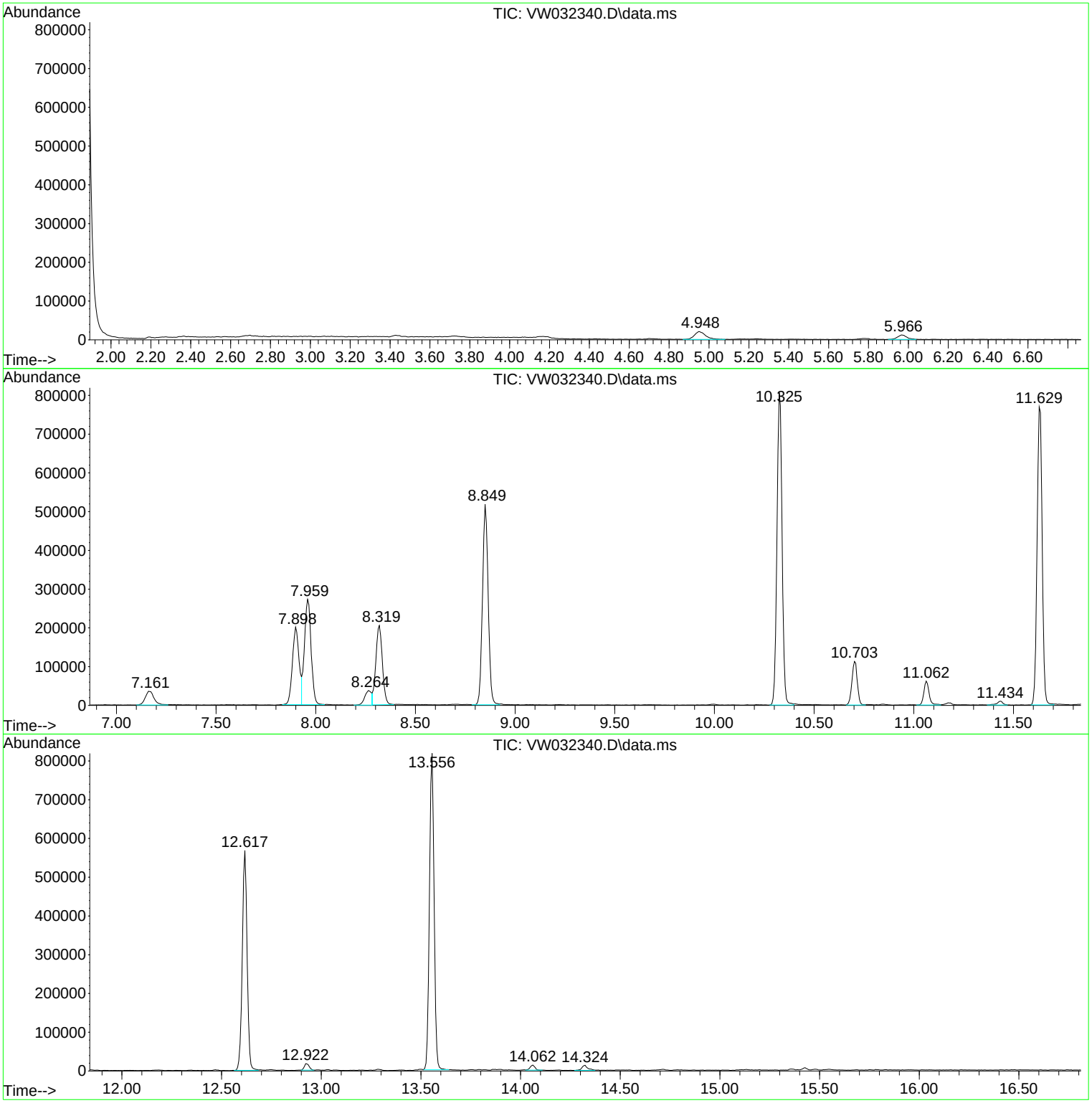
Sample Results: **VW032340.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032340.D
Acq On : 03 Oct 2025 09:40
Operator : SY/MD
Sample : VW1003SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VW032340.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032340.D
Acq On : 03 Oct 2025 09:40
Operator : SY/MD
Sample : VW1003SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032340.D
Acq On : 03 Oct 2025 09:40
Operator : SY/MD
Sample : VW1003SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

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

Raw Data: **VW032341.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBS01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032341.D	1	10/03/25 10:09	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.5		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.4		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.0		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.5		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	23.3		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.5		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.3		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.6		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

Raw Data: **VW032341.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBS01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032341.D	1	10/03/25 10:09	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.1		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.3		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.2		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.6		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.9		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.4		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.6		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.9		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.0		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.4		0.82	5.00	ug/Kg
100-42-5	Styrene	21.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.6		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.9		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.3		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	51.3		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	278000	7.959			
540-36-3	1,4-Difluorobenzene	517000	8.849			
3114-55-4	Chlorobenzene-d5	472000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	235000	13.556			

Raw Data: **VW032341.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBS01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032341.D	1	10/03/25 10:09	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VW032341.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032341.D
Acq On : 03 Oct 2025 10:09
Operator : SY/MD
Sample : VW1003SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 04:58:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	278007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	517265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	472342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	205163	50.596	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.200%			
35) Dibromofluoromethane	7.898	113	166286	49.640	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.280%			
50) Toluene-d8	10.325	98	634254	51.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.617	95	233622	49.994	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 99.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	35922	20.591	ug/l	98
3) Chloromethane	2.253	50	52234	19.405	ug/l	96
4) Vinyl Chloride	2.405	62	70667	21.989	ug/l	98
5) Bromomethane	2.820	94	49316	20.882	ug/l	96
6) Chloroethane	2.960	64	44151	20.809	ug/l	100
7) Trichlorofluoromethane	3.301	101	48248	20.052	ug/l	90
8) Diethyl Ether	3.716	74	46088	22.104	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.106	101	59577	20.643	ug/l	94
10) Methyl Iodide	4.307	142	91242	22.157	ug/l	97
11) Tert butyl alcohol	5.210	59	35075	114.277	ug/l #	93
12) 1,1-Dichloroethene	4.076	96	67361	21.499	ug/l	97
13) Acrolein	3.923	56	58061	116.558	ug/l	98
14) Allyl chloride	4.698	41	112481	21.255	ug/l	90
15) Acrylonitrile	5.405	53	109612	101.052	ug/l	100
16) Acetone	4.155	43	121446	108.166	ug/l	96
17) Carbon Disulfide	4.417	76	182974	21.403	ug/l	97
18) Methyl Acetate	4.704	43	59609	18.533	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	129887	21.048	ug/l	97
20) Methylene Chloride	4.947	84	97249	23.311	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	72569	20.920	ug/l	97
22) Diisopropyl ether	6.338	45	233975	21.259	ug/l	97
23) Vinyl Acetate	6.283	43	771189	104.905	ug/l	99
24) 1,1-Dichloroethane	6.240	63	138771	20.754	ug/l	98
25) 2-Butanone	7.191	43	157617	103.074	ug/l	97
26) 2,2-Dichloropropane	7.185	77	76859	22.472	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	85248	20.456	ug/l	92
28) Bromochloromethane	7.526	49	63803	20.281	ug/l	86
29) Tetrahydrofuran	7.551	42	96869	100.733	ug/l	94
30) Chloroform	7.691	83	145892	21.514	ug/l	99
31) Cyclohexane	7.965	56	116831	20.467	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	103931	21.628	ug/l	98
36) 1,1-Dichloropropene	8.093	75	99053	20.952	ug/l	97
37) Ethyl Acetate	7.270	43	64082	20.364	ug/l	99
38) Carbon Tetrachloride	8.081	117	92784	20.856	ug/l	96
39) Methylcyclohexane	9.343	83	115670	20.284	ug/l	95
40) Benzene	8.337	78	306473	20.682	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032341.D
Acq On : 03 Oct 2025 10:09
Operator : SY/MD
Sample : VW1003SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 04:58:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	35690	21.045	ug/l		90
42) 1,2-Dichloroethane	8.410	62	101080	20.847	ug/l		100
43) Isopropyl Acetate	8.435	43	113745	20.376	ug/l		98
44) Trichloroethene	9.099	130	72667	20.943	ug/l		94
45) 1,2-Dichloropropane	9.374	63	75772	20.486	ug/l		100
46) Dibromomethane	9.465	93	47749	20.994	ug/l		95
47) Bromodichloromethane	9.648	83	107339	20.633	ug/l		95
48) Methyl methacrylate	9.441	41	53707	19.788	ug/l	#	92
49) 1,4-Dioxane	9.465	88	12562	404.086	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.215	43	331203	102.436	ug/l		99
52) Toluene	10.392	92	194697	21.098	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	101504	20.112	ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	118144	20.322	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	64370	21.175	ug/l		94
56) Ethyl methacrylate	10.648	69	86806	20.402	ug/l		95
57) 1,3-Dichloropropane	10.934	76	111293	20.729	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	217670	96.127	ug/l		95
59) 2-Hexanone	10.971	43	236063	103.519	ug/l		98
60) Dibromochloromethane	11.129	129	71272	20.649	ug/l		98
61) 1,2-Dibromoethane	11.239	107	61866	20.872	ug/l		99
64) Tetrachloroethene	10.867	164	57582	20.373	ug/l		89
65) Chlorobenzene	11.660	112	214074	20.598	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	64483	19.921	ug/l		98
67) Ethyl Benzene	11.733	91	361410	20.863	ug/l		96
68) m/p-Xylenes	11.836	106	280266	41.956	ug/l		99
69) o-Xylene	12.166	106	127250	20.370	ug/l		96
70) Styrene	12.178	104	230366	21.121	ug/l		97
71) Bromoform	12.349	173	36374	19.604	ug/l	#	98
73) Isopropylbenzene	12.464	105	331358	20.643	ug/l		100
74) N-amyl acetate	12.269	43	102583	20.033	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	79252	19.885	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	61589m	19.948	ug/l		
77) Bromobenzene	12.745	156	79932	20.658	ug/l		92
78) n-propylbenzene	12.800	91	413445	20.620	ug/l		98
79) 2-Chlorotoluene	12.891	91	253102	20.645	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	284439	20.493	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.513	75	24636	20.214	ug/l		96
82) 4-Chlorotoluene	12.989	91	265232	20.349	ug/l		100
83) tert-Butylbenzene	13.202	119	236976	20.809	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	288657	20.453	ug/l		99
85) sec-Butylbenzene	13.379	105	355980	20.455	ug/l		98
86) p-Isopropyltoluene	13.495	119	301518	20.880	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	160629	20.501	ug/l		95
88) 1,4-Dichlorobenzene	13.574	146	164120	20.949	ug/l		95
89) n-Butylbenzene	13.818	91	286635	20.330	ug/l		98
90) Hexachloroethane	14.092	117	51546	19.915	ug/l		92
91) 1,2-Dichlorobenzene	13.867	146	147501	20.826	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13224	18.951	ug/l		90
93) 1,2,4-Trichlorobenzene	15.123	180	86078	20.268	ug/l		98
94) Hexachlorobutadiene	15.226	225	38516	19.836	ug/l		95
95) Naphthalene	15.360	128	197775	19.391	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	83600	20.884	ug/l		93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032341.D
Acq On : 03 Oct 2025 10:09
Operator : SY/MD
Sample : VW1003SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 04:58:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

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

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

Sample Results: **VW032341.D**

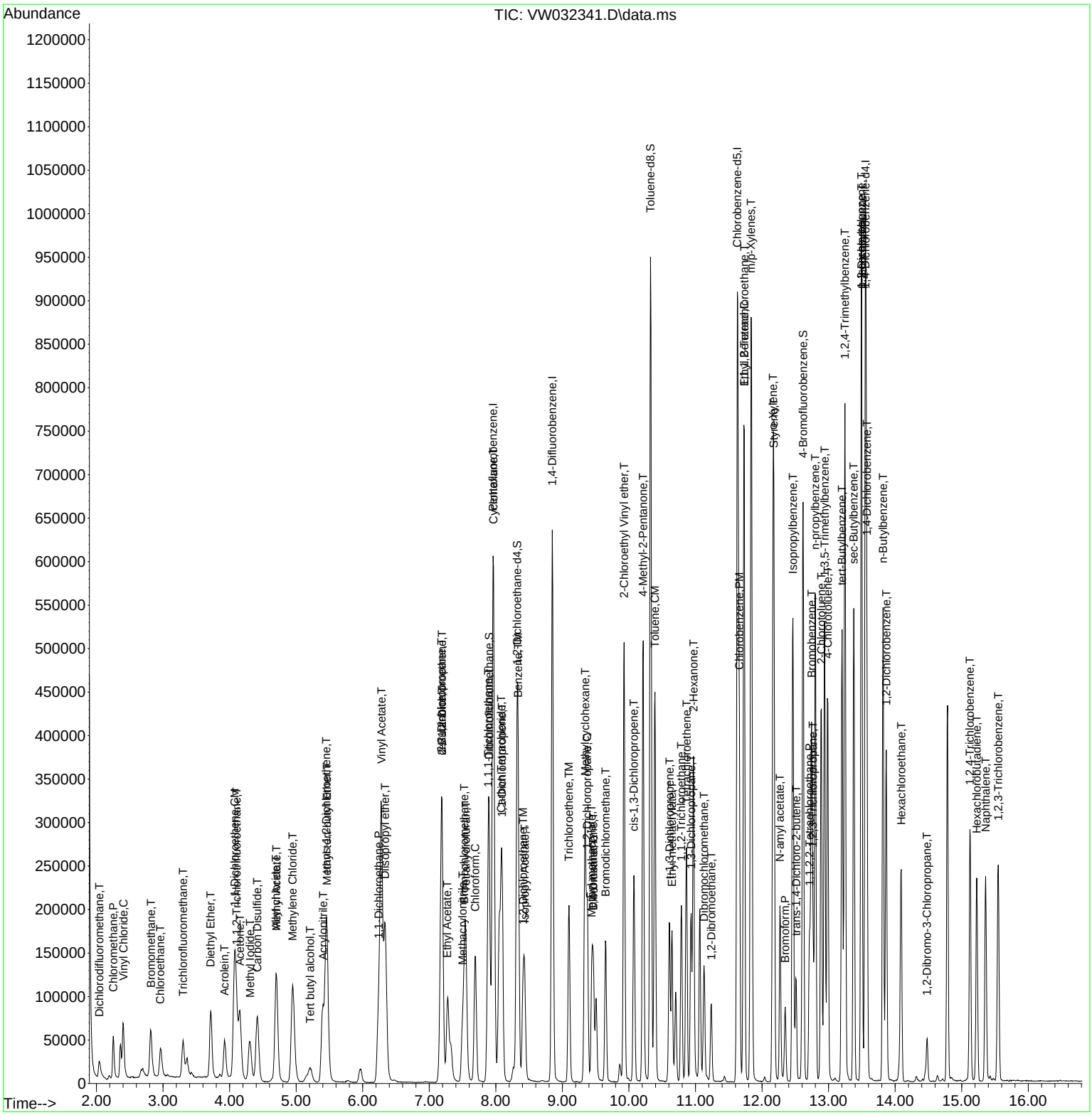
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032341.D
Acq On : 03 Oct 2025 10:09
Operator : SY/MD
Sample : VW1003SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 04:58:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



Raw Data: **VW032342.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBSD01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032342.D	1	10/03/25 10:31	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.8		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.9		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.6		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.1		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.4		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	23.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.3		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.4		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	22.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.4		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.9		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	21.1		0.91	5.00	ug/Kg
71-43-2	Benzene	21.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.2		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.9		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	21.4		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBSD01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032342.D	1	10/03/25 10:31	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.5		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.1		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.2		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.9		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.9		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.1		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.4		0.82	5.00	ug/Kg
100-42-5	Styrene	21.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.9		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	53.0		74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	281000	7.959			
540-36-3	1,4-Difluorobenzene	515000	8.855			
3114-55-4	Chlorobenzene-d5	480000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	244000	13.556			

Raw Data: **VW032342.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	VW1003SBSD01	SDG No.:	Q3277
Lab Sample ID:	VW1003SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032342.D	1	10/03/25 10:31	VW100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VW032342.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032342.D
Acq On : 03 Oct 2025 10:31
Operator : SY/MD
Sample : VW1003SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 04:59:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	280986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	514655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	480184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	244340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209797	51.191	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 102.380%			
35) Dibromofluoromethane	7.898	113	170894	51.274	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.540%			
50) Toluene-d8	10.331	98	652301	53.027	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.617	95	243553	52.383	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	36824	20.884	ug/l	99
3) Chloromethane	2.253	50	53856	19.795	ug/l	95
4) Vinyl Chloride	2.405	62	71273	21.943	ug/l	98
5) Bromomethane	2.820	94	51510	21.580	ug/l	95
6) Chloroethane	2.966	64	45203	21.079	ug/l	96
7) Trichlorofluoromethane	3.308	101	54972	22.604	ug/l	94
8) Diethyl Ether	3.722	74	45452	21.568	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.106	101	61069	20.936	ug/l	94
10) Methyl Iodide	4.313	142	91157	21.902	ug/l	98
11) Tert butyl alcohol	5.216	59	34176	110.168	ug/l #	82
12) 1,1-Dichloroethene	4.076	96	66870	21.116	ug/l	83
13) Acrolein	3.929	56	56064	111.356	ug/l	98
14) Allyl chloride	4.704	41	115345	21.565	ug/l	89
15) Acrylonitrile	5.399	53	114281	104.239	ug/l	98
16) Acetone	4.161	43	117029	103.127	ug/l	98
17) Carbon Disulfide	4.423	76	186164	21.545	ug/l	100
18) Methyl Acetate	4.710	43	62903	19.350	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	133841	21.458	ug/l	97
20) Methylene Chloride	4.954	84	99072	23.544	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	74671	21.298	ug/l	95
22) Diisopropyl ether	6.344	45	239475	21.528	ug/l	95
23) Vinyl Acetate	6.283	43	792465	106.657	ug/l	99
24) 1,1-Dichloroethane	6.246	63	144844	21.432	ug/l	97
25) 2-Butanone	7.191	43	158120	102.307	ug/l	99
26) 2,2-Dichloropropane	7.185	77	78833	22.804	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	89243	21.188	ug/l	93
28) Bromochloromethane	7.532	49	64926	20.419	ug/l	87
29) Tetrahydrofuran	7.551	42	99667	102.544	ug/l	94
30) Chloroform	7.691	83	148565	21.676	ug/l	99
31) Cyclohexane	7.971	56	120184	20.831	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	106459	21.919	ug/l	99
36) 1,1-Dichloropropene	8.093	75	101791	21.640	ug/l	98
37) Ethyl Acetate	7.276	43	68609	21.914	ug/l	98
38) Carbon Tetrachloride	8.087	117	98049	22.151	ug/l #	93
39) Methylcyclohexane	9.343	83	119548	21.070	ug/l	94
40) Benzene	8.337	78	317296	21.521	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032342.D
Acq On : 03 Oct 2025 10:31
Operator : SY/MD
Sample : VW1003SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 04:59:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	35498	21.038	ug/l		95
42) 1,2-Dichloroethane	8.416	62	103118	21.375	ug/l		99
43) Isopropyl Acetate	8.435	43	117538	21.162	ug/l		99
44) Trichloroethene	9.099	130	74758	21.655	ug/l		90
45) 1,2-Dichloropropane	9.380	63	78010	21.198	ug/l		97
46) Dibromomethane	9.465	93	48612	21.482	ug/l		94
47) Bromodichloromethane	9.654	83	108411	20.945	ug/l		94
48) Methyl methacrylate	9.441	41	56601	20.960	ug/l	#	91
49) 1,4-Dioxane	9.459	88	12333	398.732	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.215	43	339081	105.404	ug/l		99
52) Toluene	10.392	92	196886	21.443	ug/l		100
53) t-1,3-Dichloropropene	10.611	75	103065	20.525	ug/l		98
54) cis-1,3-Dichloropropene	10.081	75	118600	20.504	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	63746	21.077	ug/l		95
56) Ethyl methacrylate	10.648	69	86298	20.385	ug/l		96
57) 1,3-Dichloropropane	10.934	76	117496	21.995	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	220821	98.013	ug/l		96
59) 2-Hexanone	10.971	43	239195	105.424	ug/l		98
60) Dibromochloromethane	11.129	129	72848	21.212	ug/l		96
61) 1,2-Dibromoethane	11.239	107	61426	20.829	ug/l		98
64) Tetrachloroethene	10.867	164	58955	20.518	ug/l		92
65) Chlorobenzene	11.660	112	220669	20.886	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.727	131	68946	20.952	ug/l		99
67) Ethyl Benzene	11.727	91	368376	20.917	ug/l		98
68) m/p-Xylenes	11.836	106	285983	42.112	ug/l		99
69) o-Xylene	12.166	106	129748	20.430	ug/l		98
70) Styrene	12.178	104	235147	21.207	ug/l		98
71) Bromoform	12.349	173	36757	19.487	ug/l	#	98
73) Isopropylbenzene	12.464	105	341118	20.406	ug/l		99
74) N-amyl acetate	12.269	43	107047	20.073	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	82780	19.944	ug/l		97
76) 1,2,3-Trichloropropane	12.763	75	72682m	22.604	ug/l		
77) Bromobenzene	12.745	156	79961	19.843	ug/l		87
78) n-propylbenzene	12.800	91	429522	20.570	ug/l		97
79) 2-Chlorotoluene	12.891	91	257321	20.154	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	283160	19.589	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	24902	19.619	ug/l		94
82) 4-Chlorotoluene	12.989	91	271331	19.989	ug/l		99
83) tert-Butylbenzene	13.202	119	247707	20.886	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	301850	20.537	ug/l		100
85) sec-Butylbenzene	13.379	105	359423	19.831	ug/l		99
86) p-Isopropyltoluene	13.495	119	305005	20.281	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	165579	20.292	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	168683	20.675	ug/l		97
89) n-Butylbenzene	13.818	91	298633	20.338	ug/l		99
90) Hexachloroethane	14.086	117	52244	19.381	ug/l		87
91) 1,2-Dichlorobenzene	13.867	146	146324	19.838	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14141	19.459	ug/l		88
93) 1,2,4-Trichlorobenzene	15.122	180	87929	19.880	ug/l		99
94) Hexachlorobutadiene	15.226	225	39478	19.522	ug/l		93
95) Naphthalene	15.360	128	212463	20.002	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	82685	19.834	ug/l		96

Sample Results: **VW032342.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032342.D
Acq On : 03 Oct 2025 10:31
Operator : SY/MD
Sample : VW1003SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 04:59:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 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\VW100325\
Data File : VW032342.D
Acq On : 03 Oct 2025 10:31
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ClientSampleId :
VW1003SBSD01

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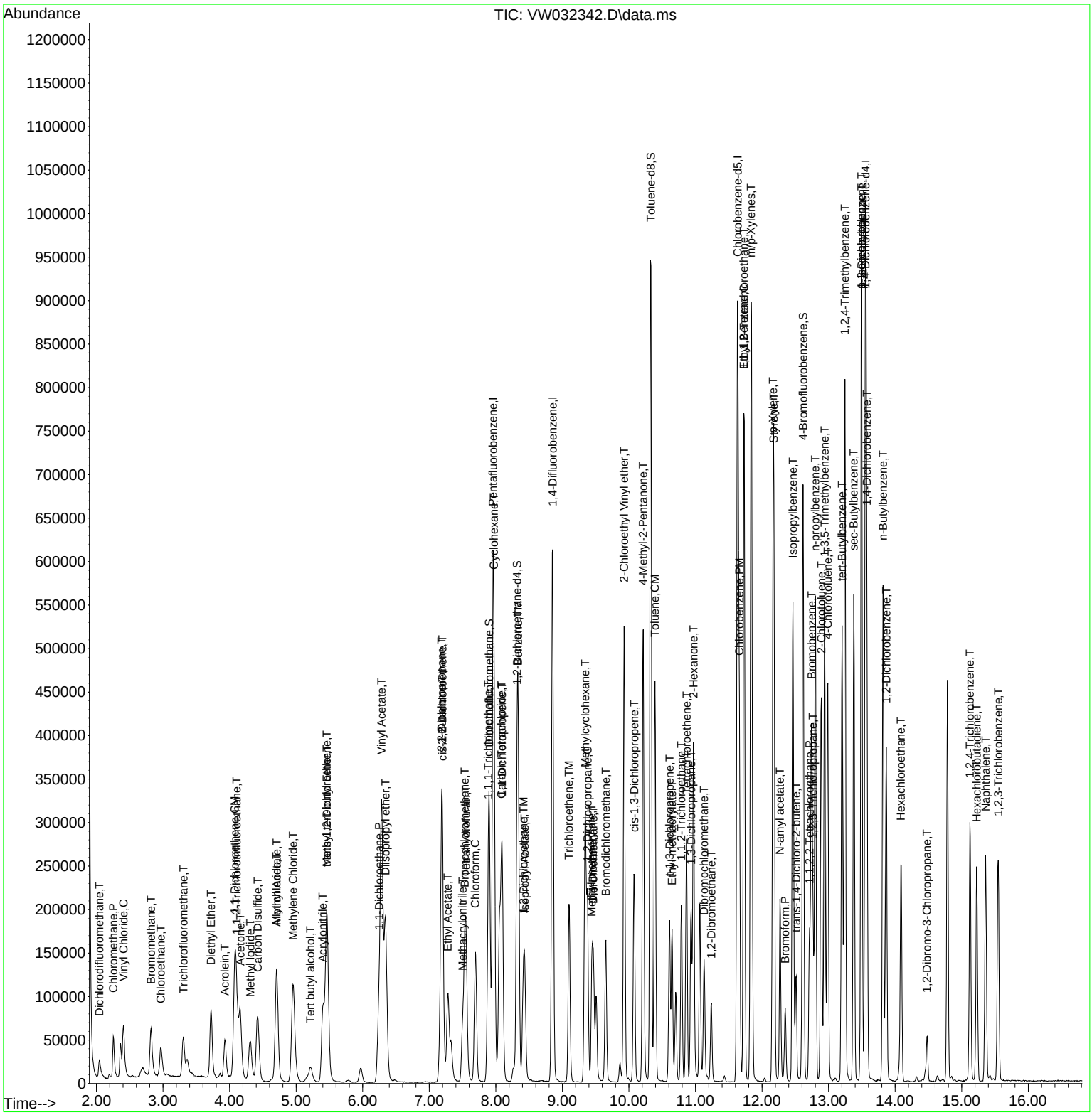

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VW100125	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032313.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:27:08 AM	SAM	10/3/2025 2:31:09 AM	Peak Integrated by Software
VSTDICC010	VW032314.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:27:10 AM	SAM	10/3/2025 2:31:10 AM	Peak Integrated by Software
VSTDICC020	VW032315.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:27:11 AM	SAM	10/3/2025 2:31:12 AM	Peak Integrated by Software
VSTDICCC050	VW032316.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:27:13 AM	SAM	10/3/2025 2:31:13 AM	Peak Integrated by Software
VSTDICC100	VW032317.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:27:14 AM	SAM	10/3/2025 2:31:14 AM	Peak Integrated by Software
VSTDICC150	VW032318.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:27:16 AM	SAM	10/3/2025 2:31:16 AM	Peak Integrated by Software
VSTDICV050	VW032320.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:27:18 AM	SAM	10/3/2025 2:31:17 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW100325	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032339.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:23:41 AM	SAM	10/6/2025 4:27:50 AM	Peak Integrated by Software
VW1003SBS01	VW032341.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:23:42 AM	SAM	10/6/2025 4:27:51 AM	Peak Integrated by Software
VW1003SBSD01	VW032342.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:23:43 AM	SAM	10/6/2025 4:27:53 AM	Peak Integrated by Software
VSTDCCC050	VW032350.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:23:46 AM	SAM	10/6/2025 4:27:56 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 # VW100125

Review By	Mahesh Dadoda	Review On	10/3/2025 2:27:29 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	10/3/2025 2:31:29 AM				
SubDirectory	VW100125	HP Acquire Method	MSVOA_W	HP Processing Method	82w100125s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135712
Initial Calibration Stds	VP135713,VP135714,VP135715,VP135716,VP135717,VP135718
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032312.D	01 Oct 2025 08:12	SY/MD	Ok
2	VSTDICC005	VW032313.D	01 Oct 2025 13:12	SY/MD	Ok,M
3	VSTDICC010	VW032314.D	01 Oct 2025 13:34	SY/MD	Ok,M
4	VSTDICC020	VW032315.D	01 Oct 2025 14:15	SY/MD	Ok,M
5	VSTDICCC050	VW032316.D	01 Oct 2025 14:37	SY/MD	Ok,M
6	VSTDICC100	VW032317.D	01 Oct 2025 14:59	SY/MD	Ok,M
7	VSTDICC150	VW032318.D	01 Oct 2025 15:20	SY/MD	Ok,M
8	VIBLK	VW032319.D	01 Oct 2025 15:42	SY/MD	Ok
9	VSTDICV050	VW032320.D	01 Oct 2025 16:04	SY/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:23:57 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:28:12 AM				
SubDirectory	VW100325	HP Acquire Method	MSVOA_W	HP Processing Method	82w100125s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135731
Initial Calibration Stds	
CCC	VP135732,VP135733
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032338.D	03 Oct 2025 08:39	SY/MD	Ok
2	VSTDCCC050	VW032339.D	03 Oct 2025 09:13	SY/MD	Ok,M
3	VW1003SBL01	VW032340.D	03 Oct 2025 09:40	SY/MD	Ok
4	VW1003SBS01	VW032341.D	03 Oct 2025 10:09	SY/MD	Ok,M
5	VW1003SBSD01	VW032342.D	03 Oct 2025 10:31	SY/MD	Ok,M
6	Q3262-04RE	VW032343.D	03 Oct 2025 11:10	SY/MD	Confirms
7	Q3269-01	VW032344.D	03 Oct 2025 11:32	SY/MD	Ok
8	Q3271-01	VW032345.D	03 Oct 2025 11:54	SY/MD	Ok
9	Q3270-01	VW032346.D	03 Oct 2025 12:16	SY/MD	ReRun
10	Q3272-01	VW032347.D	03 Oct 2025 12:37	SY/MD	Ok
11	Q3277-01	VW032348.D	03 Oct 2025 13:00	SY/MD	Ok
12	VIBLK	VW032349.D	03 Oct 2025 13:22	SY/MD	Ok
13	VSTDCCC050	VW032350.D	03 Oct 2025 13:44	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW100125

Review By	Mahesh Dadoda	Review On	10/3/2025 2:27:29 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/3/2025 2:31:29 AM		
SubDirectory	VW100125	HP Acquire Method	MSVOA_W	HP Processing Method	82w100125s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135712
Initial Calibration Stds	VP135713,VP135714,VP135715,VP135716,VP135717,VP135718
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032312.D	01 Oct 2025 08:12		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032313.D	01 Oct 2025 13:12	Pass for DOD	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032314.D	01 Oct 2025 13:34	LR-20	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032315.D	01 Oct 2025 14:15		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032316.D	01 Oct 2025 14:37		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW032317.D	01 Oct 2025 14:59		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032318.D	01 Oct 2025 15:20		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032319.D	01 Oct 2025 15:42		SY/MD	Ok
9	VSTDICV050	ICVVW100125	VW032320.D	01 Oct 2025 16:04		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:23:57 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:28:12 AM		
SubDirectory	VW100325	HP Acquire Method	MSVOA_W	HP Processing Method	82w100125s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135731
Initial Calibration Stds	
CCC	VP135732,VP135733
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032338.D	03 Oct 2025 08:39		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032339.D	03 Oct 2025 09:13		SY/MD	Ok,M
3	VW1003SBL01	VW1003SBL01	VW032340.D	03 Oct 2025 09:40		SY/MD	Ok
4	VW1003SBS01	VW1003SBS01	VW032341.D	03 Oct 2025 10:09		SY/MD	Ok,M
5	VW1003SBSD01	VW1003SBSD01	VW032342.D	03 Oct 2025 10:31		SY/MD	Ok,M
6	Q3262-04RE	MOO-25-0282RE	VW032343.D	03 Oct 2025 11:10	vial-B Internal Standard Fail	SY/MD	Confirms
7	Q3269-01	EG1-TP1	VW032344.D	03 Oct 2025 11:32	vial-B	SY/MD	Ok
8	Q3271-01	72-11929	VW032345.D	03 Oct 2025 11:54	vial-A	SY/MD	Ok
9	Q3270-01	SG-1-TEST-PIT	VW032346.D	03 Oct 2025 12:16	vial-A Internal Standard Fail	SY/MD	ReRun
10	Q3272-01	VNJ-235	VW032347.D	03 Oct 2025 12:37	vial-A	SY/MD	Ok
11	Q3277-01	WC1	VW032348.D	03 Oct 2025 13:00	vial-A	SY/MD	Ok
12	VIBLK	VIBLK	VW032349.D	03 Oct 2025 13:22		SY/MD	Ok
13	VSTDCCC050	VSTDCCC050EC	VW032350.D	03 Oct 2025 13:44		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC: LB137394

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
Q2409-05	COP-SOIL-PILE	12	1.18	10.58	11.76	11.38	96.4	
Q3249-03	S-3(4-4.5)	1	1.11	10.45	11.56	9.51	80.4	
Q3249-08	S-8(4.5-5)	2	1.19	10.75	11.94	10.38	85.5	
Q3249-16	S-14(4-4.5)	3	1.13	10.32	11.45	9.34	79.6	
Q3249-19	S-18(4.5-5)	4	1.18	10.64	11.82	10.8	90.4	
Q3249-22	S-20(4-4.5)	5	1.18	10.47	11.65	10.64	90.4	
Q3249-24	S-22(4.5-5)	6	1.19	10.11	11.3	10.33	90.4	
Q3249-27	S-24(4.5-5)	7	1.15	11.05	12.2	9.82	78.5	
Q3269-01	EG1-TP1	8	1.18	10.78	11.96	10.97	90.8	
Q3269-02	EG1-TP1-E2	9	1.13	10.63	11.76	10.8	91.0	
Q3269-04	EG1-TP2	10	1.13	10.85	11.98	10.97	90.7	
Q3269-05	EG1-TP2-E2	11	1.11	10.77	11.88	11.13	93.0	
Q3270-01	SG-1-TEST-PIT	16	1.18	10.73	11.91	10.77	89.4	
Q3270-02	SG-1-TEST-PIT	17	1.19	10.32	11.51	10.79	93.0	
Q3271-01	72-11929	18	1.13	9.61	10.74	9.79	90.1	
Q3271-02	72-11929-E2	19	1.19	10.47	11.66	10.57	89.6	
Q3272-01	VNJ-235	20	1.19	10.68	11.87	10.15	83.9	
Q3272-02	VNJ-235-E2	21	1.13	10.47	11.6	10.15	86.2	
Q3272-03	R7	22	1.12	10.85	11.97	7.78	61.4	
Q3272-04	R7-E2	23	1.18	10.67	11.85	8.98	73.1	
Q3272-06	RT5417-CONCRETE	24	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3276-01	SB2	13	1.14	10.92	12.06	10.6	86.6	
Q3276-02	SB2A	14	1.15	10.38	11.53	10.6	91.0	
Q3277-01	WC1	15	1.18	10.41	11.59	11.34	97.6	

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

WORKLIST(Hardcopy Internal Chain)

VB 137394

WorkList Name : %1-100225 **WorkList ID :** 192236 **Department :** Wet-Chemistry **Date :** 10-02-2025 09:10:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2409-05	COP-SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	COPP02	D51	06/24/2025	Chemtech -SO
Q3249-03	S-3(4-4.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-08	S-8(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-16	S-14(4-4.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-19	S-18(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-22	S-20(4-4.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-24	S-22(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-27	S-24(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3269-01	EG1-TP1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3269-02	EG1-TP1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3269-04	EG1-TP2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3269-05	EG1-TP2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3270-01	SG-1-TEST-PIT	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3270-02	SG-1-TEST-PIT	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3271-01	72-11929	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3271-02	72-11929-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-01	VNJ-235	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-02	VNJ-235-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-03	R7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-04	R7-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-06	RT5417-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO

Date/Time 10/02/25 16:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/02/25 17:40

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB137394

WorkList Name : %1-100225 **WorkList ID :** 192236 **Department :** Wet-Chemistry **Date :** 10-02-2025 09:10:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3276-01	SB2	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	10/01/2025	Chemtech -SO
Q3276-02	SB2A	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	10/01/2025	Chemtech -SO
Q3277-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	09/30/2025	Chemtech -SO

Date/Time 10/02/25 16:00
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 10/02/25 17:40
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.
QUOTE NO. Q3277
COC Number 2047990

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GEI Environmental & CARR
ADDRESS:
CITY Succasunna STATE NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Newport
PROJECT NO.: LOCATION:
PROJECT MANAGER: G
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: & CARR
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☒ EDD FORMAT edd, hazsite

ANALYSIS

1: EPH 2: VOC 3: CLP 4: TAL Metals 5: PCBs 6: TCLP Metal 7: RCRA 8: Ignitability 9: Full TCLP

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WC1	Soil		X	9/30/25	1600	3	X								X	
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10/2/25 1540	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: Waste Class 2 Containers

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3277 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 10/2/2025 3:50:00 PM
Project Name : ~~Lexington~~ Newport
Receive DateTime : 10/2/2025 3:40:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : NJ HAZSITE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3277-01	WC1	Solid	09/30/2025	16:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 10/2/25 1620

Received By :
Date / Time : 10/03/25 8:10
Storage Area : VOA Refridgerator Room

Rgt 6
F22