284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q3604

Project ID : MCUA - New Brunswick

Client : Roman E&G Corp

Lab Sample Number	Client Sample Number
Q3604-01	S-1
Q3604-02	S-2

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

Signature : _____

Date: 11/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3604**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **11/17/2025**

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LAB CHRONICLE

OrderID:	Q3604	**OrderDate:**	11/10/2025 4:28:38 PM
Client:	Roman E&G Corp	**Project:**	MCUA - New Brunswick
Contact:	Amanda Gentle	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3604-01	**S-1**	**TCLP**			**11/10/25**			**11/10/25**
			TCLP VOA	8260D			11/12/25	
Q3604-02	**S-2**	**TCLP**			**11/10/25**			**11/10/25**
			TCLP VOA	8260D			11/12/25	
Q3604-04	**S-1**	**SOIL**			**11/10/25**			**11/10/25**
			VOC-TCLVOA-10	8260D			11/26/25	
Q3604-05	**S-2**	**SOIL**			**11/10/25**			**11/10/25**
			VOC-TCLVOA-10	8260D			11/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3604

Client: Roman E&G Corp

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**S-2**							
Q3604-05	S-2	SOIL	Disiloxane, hexamethyl-	* 6.00	J	0	0	ug/Kg
Q3604-05	S-2	SOIL	Silanol, trimethyl-	* 10.8	J	0	0	ug/Kg
			Total Tics :	16.8				
			Total Concentration:	16.8				

QC SUMMARY

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

SDG No.: Q3604

Client: Roman E&G Corp

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3604-04	S-1	1,2-Dichloroethane-d4	50	68.0	136	*	70 (63)	130 (155)
		Dibromofluoromethane	50	53.3	107		70 (70)	130 (134)
		Toluene-d8	50	46.3	93		70 (74)	130 (123)
		4-Bromofluorobenzene	50	53.8	108		70 (52)	130 (138)
Q3604-05	S-2	1,2-Dichloroethane-d4	50	70.4	141	*	70 (63)	130 (155)
		Dibromofluoromethane	50	53.4	107		70 (70)	130 (134)
		Toluene-d8	50	46.3	93		70 (74)	130 (123)
		4-Bromofluorobenzene	50	56.4	113		70 (52)	130 (138)
VW1126SBL01	VW1126SBL01	1,2-Dichloroethane-d4	50	61.0	122		70 (63)	130 (155)
		Dibromofluoromethane	50	54.3	109		70 (70)	130 (134)
		Toluene-d8	50	49.6	99		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.2	94		70 (52)	130 (138)
VW1126SBS01	VW1126SBS01	1,2-Dichloroethane-d4	50	57.6	115		70 (63)	130 (155)
		Dibromofluoromethane	50	52.4	105		70 (70)	130 (134)
		Toluene-d8	50	51.9	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	51.4	103		70 (52)	130 (138)
VW1126SBSD0	VW1126SBSD01	1,2-Dichloroethane-d4	50	58.8	118		70 (63)	130 (155)
		Dibromofluoromethane	50	54.0	108		70 (70)	130 (134)
		Toluene-d8	50	52.0	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	53.7	107		70 (52)	130 (138)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3604 **Analytical Method:** SW8260D

Client: Roman E&G Corp **Datafile :** VW032538.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1126SBS01	Dichlorodifluoromethane	20	23.9	ug/Kg	119			40 (64)	160 (136)	
	Chloromethane	20	24.3	ug/Kg	121			40 (73)	160 (129)	
	Vinyl chloride	20	23.7	ug/Kg	119			70 (73)	130 (133)	
	Bromomethane	20	24.4	ug/Kg	122			40 (77)	160 (137)	
	Chloroethane	20	23.2	ug/Kg	116			40 (69)	160 (130)	
	Trichlorofluoromethane	20	20.3	ug/Kg	102			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	24.9	ug/Kg	125			70 (81)	130 (123)	
	1,1-Dichloroethene	20	23.2	ug/Kg	116			70 (79)	130 (121)	
	Acetone	100	130	ug/Kg	130			40 (60)	160 (174)	
	Carbon disulfide	20	21.7	ug/Kg	109			40 (73)	160 (125)	
	Methyl tert-butyl Ether	20	21.6	ug/Kg	108			70 (77)	130 (129)	
	Methyl Acetate	20	24.6	ug/Kg	123			70 (51)	130 (140)	
	Methylene Chloride	20	25.3	ug/Kg	127			70 (54)	130 (158)	
	trans-1,2-Dichloroethene	20	22.3	ug/Kg	112			70 (80)	130 (123)	
	1,1-Dichloroethane	20	24.0	ug/Kg	120			70 (82)	130 (123)	
	Cyclohexane	20	22.0	ug/Kg	110			70 (76)	130 (122)	
	2-Butanone	100	120	ug/Kg	120			40 (69)	160 (131)	
	Carbon Tetrachloride	20	24.0	ug/Kg	120			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	22.4	ug/Kg	112			70 (82)	130 (123)	
	Bromochloromethane	20	24.3	ug/Kg	121			70 (80)	130 (127)	
	Chloroform	20	24.8	ug/Kg	124			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	24.2	ug/Kg	121			70 (80)	130 (126)	
	Methylcyclohexane	20	21.0	ug/Kg	105			70 (77)	130 (123)	
	Benzene	20	23.1	ug/Kg	116			70 (84)	130 (121)	
	1,2-Dichloroethane	20	25.2	ug/Kg	126			70 (81)	130 (126)	
	Trichloroethene	20	20.8	ug/Kg	104			70 (83)	130 (122)	
	1,2-Dichloropropane	20	23.5	ug/Kg	117			70 (83)	130 (122)	
	Bromodichloromethane	20	23.7	ug/Kg	119			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	120	ug/Kg	120			40 (70)	160 (135)	
	Toluene	20	23.1	ug/Kg	116			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	21.7	ug/Kg	109			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	22.0	ug/Kg	110			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	23.6	ug/Kg	118			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	23.2	ug/Kg	116			70 (79)	130 (125)	
	1,2-Dibromoethane	20	22.7	ug/Kg	114			70 (80)	130 (125)	
	Tetrachloroethene	20	22.3	ug/Kg	112			70 (83)	130 (125)	
	Chlorobenzene	20	21.8	ug/Kg	109			70 (84)	130 (122)	
	Ethyl Benzene	20	21.4	ug/Kg	107			70 (82)	130 (124)	
	m/p-Xylenes	40	44.0	ug/Kg	110			70 (83)	130 (124)	
	o-Xylene	20	20.8	ug/Kg	104			70 (83)	130 (123)	
	Styrene	20	21.8	ug/Kg	109			70 (82)	130 (124)	
	Bromoform	20	20.6	ug/Kg	103			70 (75)	130 (127)	
	Isopropylbenzene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	21.5	ug/Kg	108			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	22.1	ug/Kg	111			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	21.1	ug/Kg	106			70 (83)	130 (124)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3604 **Analytical Method:** SW8260D

Client: Roman E&G Corp **Datafile :** VW032538.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1126SBS01	1,2-Dibromo-3-Chloropropane	20	20.2	ug/Kg	101			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.7	ug/Kg	99			70 (70)	130 (137)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3604 **Analytical Method:** SW8260D

Client: Roman E&G Corp **Datafile :** VW032539.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW1126SBSD01	Dichlorodifluoromethane	20	24.6	ug/Kg	123	3		40 (64)	160 (136)	30 (20)
	Chloromethane	20	23.4	ug/Kg	117	3		40 (73)	160 (129)	30 (15)
	Vinyl chloride	20	22.9	ug/Kg	115	3		70 (73)	130 (133)	30 (15)
	Bromomethane	20	23.6	ug/Kg	118	3		40 (77)	160 (137)	30 (15)
	Chloroethane	20	23.5	ug/Kg	117	1		40 (69)	160 (130)	30 (15)
	Trichlorofluoromethane	20	22.7	ug/Kg	114	11		40 (69)	160 (134)	30 (27)
	1,1,2-Trichlorotrifluoroethane	20	23.9	ug/Kg	119	5		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	22.8	ug/Kg	114	2		70 (79)	130 (121)	30 (16)
	Acetone	100	130	ug/Kg	130	0		40 (60)	160 (174)	30 (28)
	Carbon disulfide	20	21.0	ug/Kg	105	4		40 (73)	160 (125)	30 (15)
	Methyl tert-butyl Ether	20	21.7	ug/Kg	109	1		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	25.1	ug/Kg	126	2		70 (51)	130 (140)	30 (30)
	Methylene Chloride	20	24.8	ug/Kg	124	2		70 (54)	130 (158)	30 (20)
	trans-1,2-Dichloroethene	20	21.8	ug/Kg	109	3		70 (80)	130 (123)	30 (15)
	1,1-Dichloroethane	20	23.8	ug/Kg	119	1		70 (82)	130 (123)	30 (15)
	Cyclohexane	20	21.8	ug/Kg	109	1		70 (76)	130 (122)	30 (15)
	2-Butanone	100	120	ug/Kg	120	0		40 (69)	160 (131)	30 (29)
	Carbon Tetrachloride	20	23.6	ug/Kg	118	2		70 (76)	130 (129)	30 (15)
	cis-1,2-Dichloroethene	20	22.0	ug/Kg	110	2		70 (82)	130 (123)	30 (15)
	Bromochloromethane	20	24.0	ug/Kg	120	1		70 (80)	130 (127)	30 (15)
	Chloroform	20	24.4	ug/Kg	122	2		70 (82)	130 (125)	30 (15)
	1,1,1-Trichloroethane	20	23.7	ug/Kg	119	2		70 (80)	130 (126)	30 (15)
	Methylcyclohexane	20	20.7	ug/Kg	104	1		70 (77)	130 (123)	30 (15)
	Benzene	20	22.8	ug/Kg	114	2		70 (84)	130 (121)	30 (15)
	1,2-Dichloroethane	20	25.5	ug/Kg	128	2		70 (81)	130 (126)	30 (15)
	Trichloroethene	20	21.0	ug/Kg	105	1		70 (83)	130 (122)	30 (15)
	1,2-Dichloropropane	20	23.6	ug/Kg	118	1		70 (83)	130 (122)	30 (15)
	Bromodichloromethane	20	24.0	ug/Kg	120	1		70 (82)	130 (123)	30 (15)
	4-Methyl-2-Pentanone	100	120	ug/Kg	120	0		40 (70)	160 (135)	30 (26)
	Toluene	20	22.8	ug/Kg	114	2		70 (83)	130 (122)	30 (15)
	t-1,3-Dichloropropene	20	22.4	ug/Kg	112	3		70 (78)	130 (124)	30 (15)
	cis-1,3-Dichloropropene	20	21.9	ug/Kg	110	0		70 (81)	130 (122)	30 (15)
	1,1,2-Trichloroethane	20	23.8	ug/Kg	119	1		70 (82)	130 (125)	30 (15)
	2-Hexanone	100	120	ug/Kg	120	9		40 (66)	160 (138)	30 (27)
	Dibromochloromethane	20	22.7	ug/Kg	114	2		70 (79)	130 (125)	30 (15)
	1,2-Dibromoethane	20	23.1	ug/Kg	116	2		70 (80)	130 (125)	30 (16)
	Tetrachloroethene	20	21.0	ug/Kg	105	6		70 (83)	130 (125)	30 (15)
	Chlorobenzene	20	21.9	ug/Kg	110	1		70 (84)	130 (122)	30 (15)
	Ethyl Benzene	20	21.2	ug/Kg	106	1		70 (82)	130 (124)	30 (15)
	m/p-Xylenes	40	44.7	ug/Kg	112	2		70 (83)	130 (124)	30 (15)
	o-Xylene	20	20.8	ug/Kg	104	0		70 (83)	130 (123)	30 (15)
	Styrene	20	22.0	ug/Kg	110	1		70 (82)	130 (124)	30 (15)
	Bromoform	20	22.2	ug/Kg	111	7		70 (75)	130 (127)	30 (16)
	Isopropylbenzene	20	19.7	ug/Kg	99	2		70 (82)	130 (124)	30 (15)
	1,1,2,2-Tetrachloroethane	20	22.4	ug/Kg	112	4		70 (77)	130 (127)	30 (21)
	1,3-Dichlorobenzene	20	22.8	ug/Kg	114	3		70 (83)	130 (122)	30 (15)
	1,4-Dichlorobenzene	20	22.6	ug/Kg	113	9		70 (84)	130 (121)	30 (15)
	1,2-Dichlorobenzene	20	21.9	ug/Kg	110	4		70 (83)	130 (124)	30 (15)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3604 **Analytical Method:** SW8260D

Client: Roman E&G Corp **Datafile :** VW032539.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW1126SBSD01	1,2-Dibromo-3-Chloropropane	20	22.0	ug/Kg	110	9		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	19.5	ug/Kg	98	2		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	20.8	ug/Kg	104	5		70 (70)	130 (137)	30 (16)

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW1126SBL01

Lab Name: Alliance | Contract: ROMA02

Lab Code: ACE | SDG NO.: Q3604

Lab File ID: VW032537.D | Lab Sample ID: VW1126SBL01

Date Analyzed: 11/26/2025 | Time Analyzed: 12:37

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
VW1126SBS01	VW1126SBS01	VW032538.D	11/26/2025
VW1126SBSD01	VW1126SBSD01	VW032539.D	11/26/2025
S-2	Q3604-05	VW032541.D	11/26/2025
S-1	Q3604-04	VW032542.D	11/26/2025

COMMENTS:

Raw Data: **VW032405.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ROMA02
Lab Code: ACE
SDG NO.: Q3604
Lab File ID: VW032405.D
BFB Injection Date: 11/10/2025
Instrument ID: MSVOA_W
BFB Injection Time: 14:20
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	66.1 (98.5) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032406.D	11/10/2025	15:11
VSTDICC010	VSTDICC010	VW032407.D	11/10/2025	15:33
VSTDICC020	VSTDICC020	VW032408.D	11/10/2025	15:55
VSTDICCC050	VSTDICCC050	VW032409.D	11/10/2025	16:17
VSTDICC100	VSTDICC100	VW032410.D	11/10/2025	16:39
VSTDICC150	VSTDICC150	VW032411.D	11/10/2025	17:00

Raw Data: **VW032535.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ROMA02
Lab Code: ACE
SDG NO.: Q3604
Lab File ID: VW032535.D
BFB Injection Date: 11/26/2025
Instrument ID: MSVOA_W
BFB Injection Time: 11:05
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	20.6
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	64.4
175	5.0 - 9.0% of mass 174	4.9 (7.7) 1
176	95.0 - 101.0% of mass 174	62.5 (97.1) 1
177	5.0 - 9.0% of mass 176	4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032536.D	11/26/2025	12:05
VW1126SBL01	VW1126SBL01	VW032537.D	11/26/2025	12:37
VW1126SBS01	VW1126SBS01	VW032538.D	11/26/2025	13:05
VW1126SBSD01	VW1126SBSD01	VW032539.D	11/26/2025	13:27
S-2	Q3604-05	VW032541.D	11/26/2025	14:11
S-1	Q3604-04	VW032542.D	11/26/2025	14:36

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROMA02

Lab Code: ACE SDG NO.: Q3604

Lab File ID: VW032536.D Date Analyzed: 11/26/2025

Instrument ID: MSVOA_W Time Analyzed: 12:05

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	353885	7.96	632151	8.85	586351	11.63
UPPER LIMIT	707770	8.459	1264300	9.349	1172700	12.129
LOWER LIMIT	176943	7.459	316076	8.349	293176	11.129
EPA SAMPLE NO.						
S-1	202457	7.96	487508	8.85	546383	11.63
S-2	191034	7.96	461380	8.85	522966	11.63
VW1126SBL01	322545	7.96	615508	8.85	556062	11.63
VW1126SBS01	337562	7.96	629179	8.85	578751	11.63
VW1126SBSD01	335704	7.96	620682	8.86	568775	11.63

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROMA02

Lab Code: ACE SDG NO.: Q3604

Lab File ID: VW032536.D Date Analyzed: 11/26/2025

Instrument ID: MSVOA_W Time Analyzed: 12:05

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

	IS4 AREA #	RT #				
12 HOUR STD	285431	13.555				
UPPER LIMIT	570862	14.055				
LOWER LIMIT	142716	13.055				
EPA SAMPLE NO.						
S-1	253441	13.56				
S-2	256269	13.56				
VW1126SBL01	253580	13.56				
VW1126SBS01	285723	13.56				
VW1126SBSD01	279860	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: **VW032542.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/10/25
Project:	MCUA - New Brunswick	Date Received:	11/10/25
Client Sample ID:	S-1	SDG No.:	Q3604
Lab Sample ID:	Q3604-04	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 82.8
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.00	ug/Kg	11/26/25 14:36	VW112625
74-87-3	Chloromethane	1.40	U	1	1.40	6.00	ug/Kg	11/26/25 14:36	VW112625
75-01-4	Vinyl Chloride	0.95	U	1	0.95	6.00	ug/Kg	11/26/25 14:36	VW112625
74-83-9	Bromomethane	1.30	U	1	1.30	6.00	ug/Kg	11/26/25 14:36	VW112625
75-00-3	Chloroethane	1.50	U	1	1.50	6.00	ug/Kg	11/26/25 14:36	VW112625
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.00	ug/Kg	11/26/25 14:36	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.00	ug/Kg	11/26/25 14:36	VW112625
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.00	ug/Kg	11/26/25 14:36	VW112625
67-64-1	Acetone	5.70	U	1	5.70	30.2	ug/Kg	11/26/25 14:36	VW112625
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.00	ug/Kg	11/26/25 14:36	VW112625
1634-04-4	Methyl tert-butyl Ether	0.88	U	1	0.88	6.00	ug/Kg	11/26/25 14:36	VW112625
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.00	ug/Kg	11/26/25 14:36	VW112625
75-09-2	Methylene Chloride	4.30	U	1	4.30	12.1	ug/Kg	11/26/25 14:36	VW112625
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	6.00	ug/Kg	11/26/25 14:36	VW112625
75-34-3	1,1-Dichloroethane	0.97	U	1	0.97	6.00	ug/Kg	11/26/25 14:36	VW112625
110-82-7	Cyclohexane	0.95	U	1	0.95	6.00	ug/Kg	11/26/25 14:36	VW112625
78-93-3	2-Butanone	7.90	U	1	7.90	30.2	ug/Kg	11/26/25 14:36	VW112625
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.00	ug/Kg	11/26/25 14:36	VW112625
156-59-2	cis-1,2-Dichloroethene	0.91	U	1	0.91	6.00	ug/Kg	11/26/25 14:36	VW112625
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.00	ug/Kg	11/26/25 14:36	VW112625
67-66-3	Chloroform	1.00	U	1	1.00	6.00	ug/Kg	11/26/25 14:36	VW112625
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.00	ug/Kg	11/26/25 14:36	VW112625
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.00	ug/Kg	11/26/25 14:36	VW112625
71-43-2	Benzene	0.95	U	1	0.95	6.00	ug/Kg	11/26/25 14:36	VW112625
107-06-2	1,2-Dichloroethane	0.95	U	1	0.95	6.00	ug/Kg	11/26/25 14:36	VW112625
79-01-6	Trichloroethene	0.98	U	1	0.98	6.00	ug/Kg	11/26/25 14:36	VW112625
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.00	ug/Kg	11/26/25 14:36	VW112625
75-27-4	Bromodichloromethane	0.94	U	1	0.94	6.00	ug/Kg	11/26/25 14:36	VW112625
108-10-1	4-Methyl-2-Pentanone	4.30	U	1	4.30	30.2	ug/Kg	11/26/25 14:36	VW112625
108-88-3	Toluene	0.94	U	1	0.94	6.00	ug/Kg	11/26/25 14:36	VW112625
10061-02-6	t-1,3-Dichloropropene	0.79	U	1	0.79	6.00	ug/Kg	11/26/25 14:36	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.75	U	1	0.75	6.00	ug/Kg	11/26/25 14:36	VW112625
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.00	ug/Kg	11/26/25 14:36	VW112625
591-78-6	2-Hexanone	4.50	U	1	4.50	30.2	ug/Kg	11/26/25 14:36	VW112625
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.00	ug/Kg	11/26/25 14:36	VW112625
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.00	ug/Kg	11/26/25 14:36	VW112625
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.00	ug/Kg	11/26/25 14:36	VW112625
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.00	ug/Kg	11/26/25 14:36	VW112625
100-41-4	Ethyl Benzene	0.81	U	1	0.81	6.00	ug/Kg	11/26/25 14:36	VW112625
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.1	ug/Kg	11/26/25 14:36	VW112625
95-47-6	o-Xylene	0.99	U	1	0.99	6.00	ug/Kg	11/26/25 14:36	VW112625
100-42-5	Styrene	0.86	U	1	0.86	6.00	ug/Kg	11/26/25 14:36	VW112625
75-25-2	Bromoform	1.00	U	1	1.00	6.00	ug/Kg	11/26/25 14:36	VW112625

Raw Data: **VW032542.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	11/10/25
Project:	MCUA - New Brunswick			Date Received:	11/10/25
Client Sample ID:	S-1			SDG No.:	Q3604
Lab Sample ID:	Q3604-04			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	82.8
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.94	U	1	0.94	6.00	ug/Kg	11/26/25 14:36	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.00	ug/Kg	11/26/25 14:36	VW112625
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.00	ug/Kg	11/26/25 14:36	VW112625
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.00	ug/Kg	11/26/25 14:36	VW112625
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.00	ug/Kg	11/26/25 14:36	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.00	ug/Kg	11/26/25 14:36	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.00	ug/Kg	11/26/25 14:36	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.80	U	1	3.80	6.00	ug/Kg	11/26/25 14:36	VW112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	68.0	*		70 (63) - 130 (155)	136%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.3			70 (70) - 130 (134)	107%	SPK: 50		
2037-26-5	Toluene-d8	46.3			70 (74) - 130 (123)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.8			70 (52) - 130 (138)	108%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	202000							
540-36-3	1,4-Difluorobenzene	488000							
3114-55-4	Chlorobenzene-d5	546000							
3855-82-1	1,4-Dichlorobenzene-d4	253000							

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\VW112625\
Data File : VW032542.D
Acq On : 26 Nov 2025 14:36
Operator : SY/MD
Sample : Q3604-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1

Quant Time: Nov 26 15:20:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

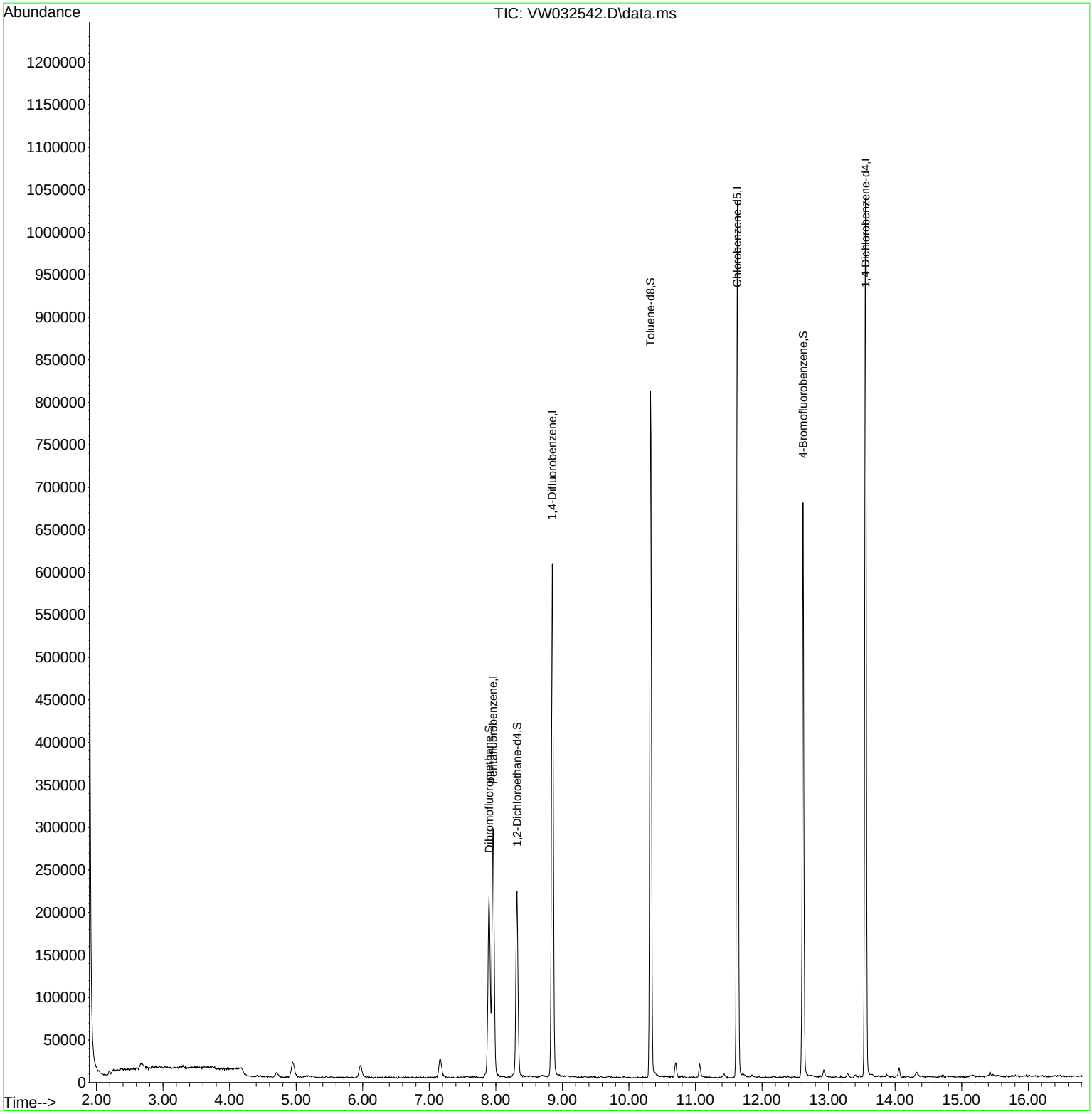
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	202457	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	487508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	546383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	177410	67.969	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 135.940%			
35) Dibromofluoromethane	7.898	113	155527	53.284	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 106.560%			
50) Toluene-d8	10.325	98	518125	46.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 92.540%			
62) 4-Bromofluorobenzene	12.617	95	227760	53.844	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 107.680%			
Target Compounds						Qvalue

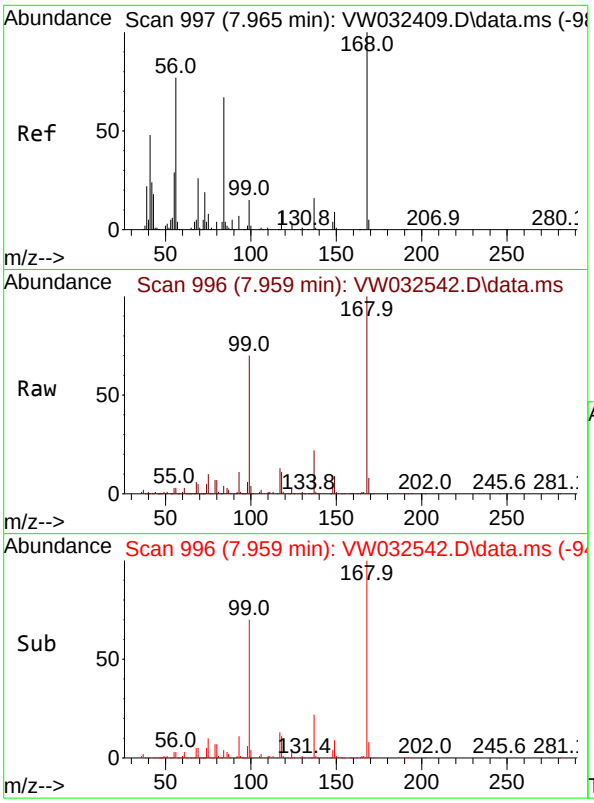
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032542.D
Acq On : 26 Nov 2025 14:36
Operator : SY/MD
Sample : Q3604-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1

Quant Time: Nov 26 15:20:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



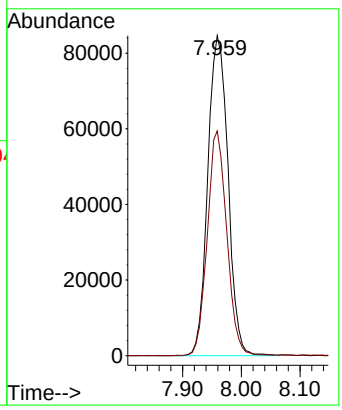


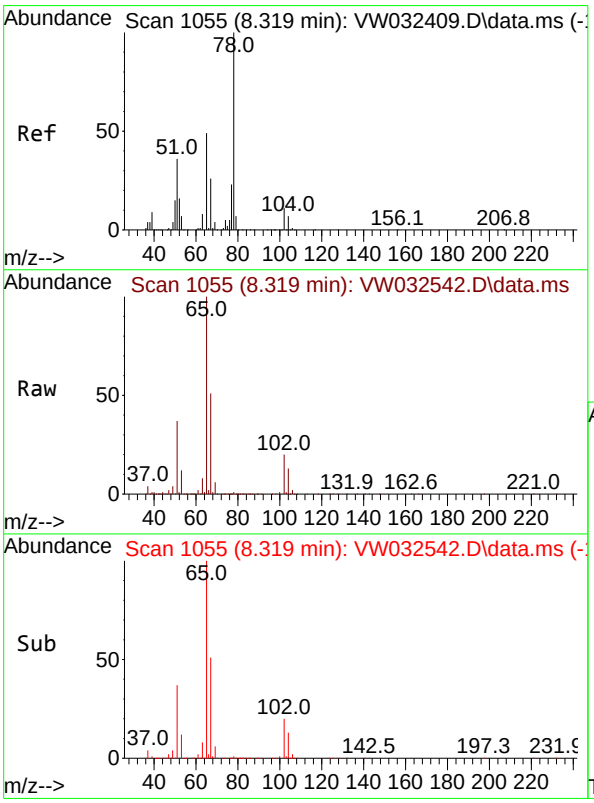
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Instrument :
MSVOA_W
ClientSampleId :
S-1

Tgt Ion:168 Resp: 202457

Ion	Ratio	Lower	Upper
168	100		
99	70.1	45.4	68.2#

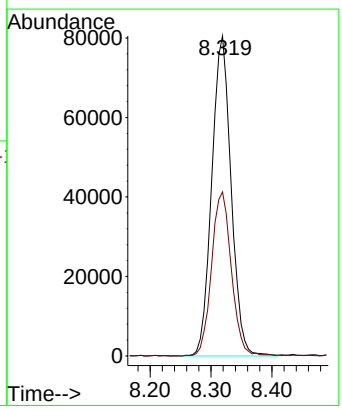


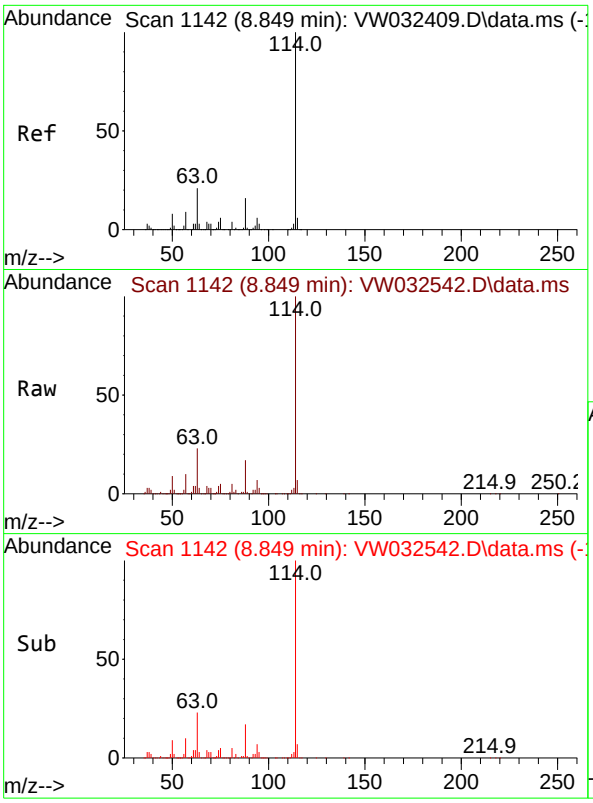


#33
1,2-Dichloroethane-d4
Concen: 67.969 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Tgt Ion: 65 Resp: 177410

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.8



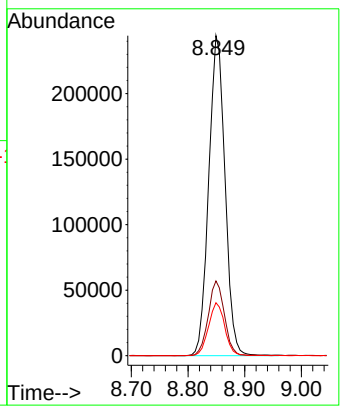


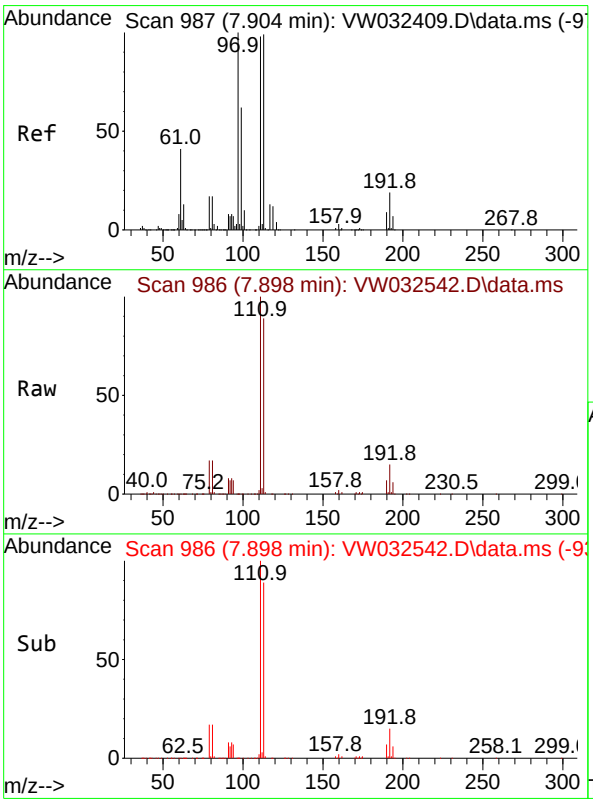
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Instrument :
MSVOA_W
ClientSampleId :
S-1

Tgt Ion:114 Resp: 487508

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	41.8
88	16.5	0.0	32.6

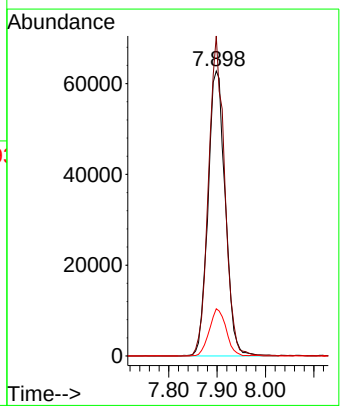


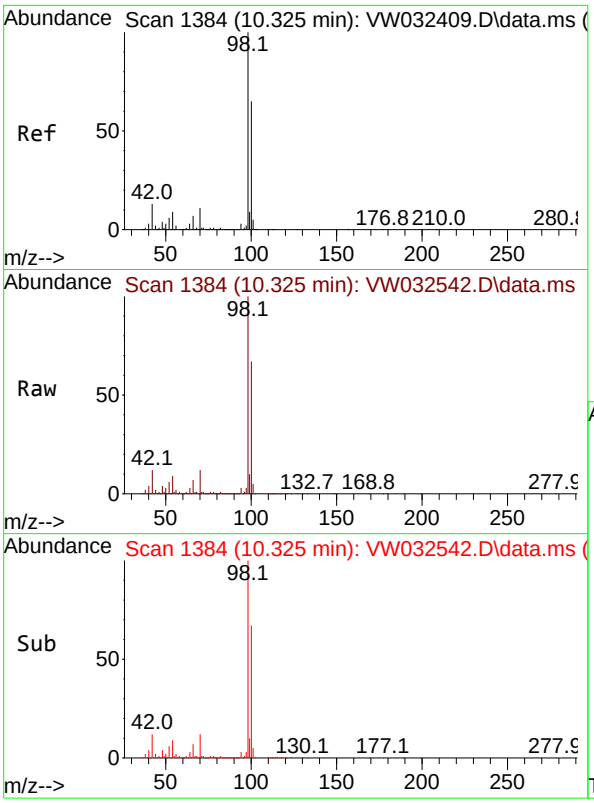


#35
Dibromofluoromethane
Concen: 53.284 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Tgt Ion:113 Resp: 155527

Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.1	124.7
192	16.1	13.4	20.2



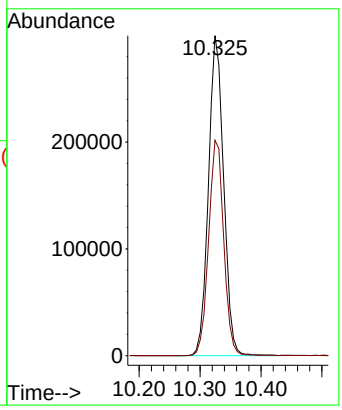


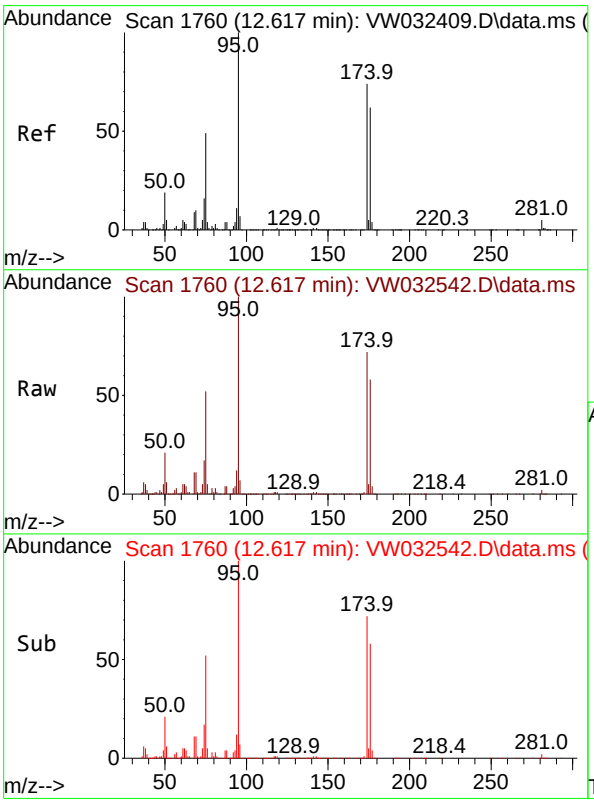
#50
Toluene-d8
Concen: 46.271 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Instrument :
MSVOA_W
ClientSampleId :
S-1

Tgt Ion: 98 Resp: 518125

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9

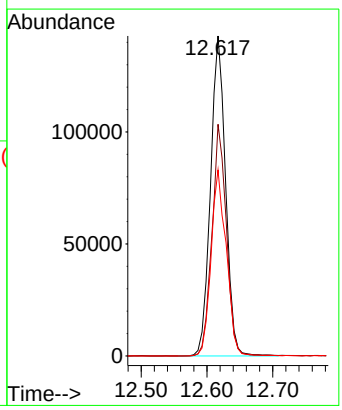


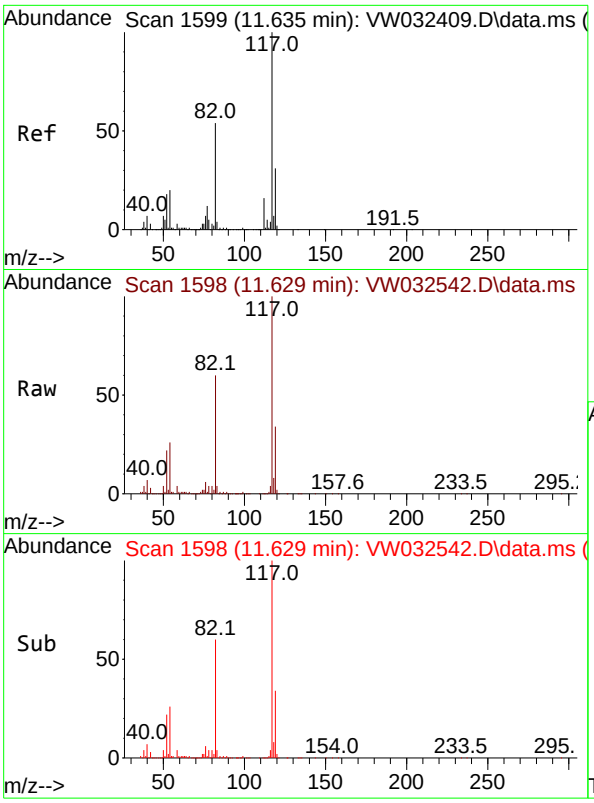


#62
4-Bromofluorobenzene
Concen: 53.844 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Tgt Ion: 95 Resp: 227760

Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	135.4
176	58.9	0.0	131.8



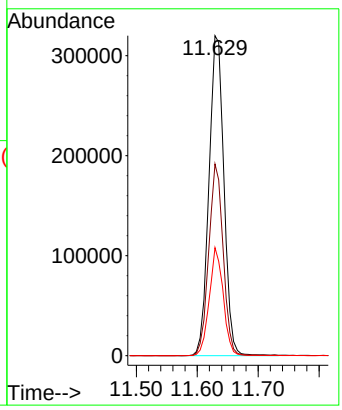


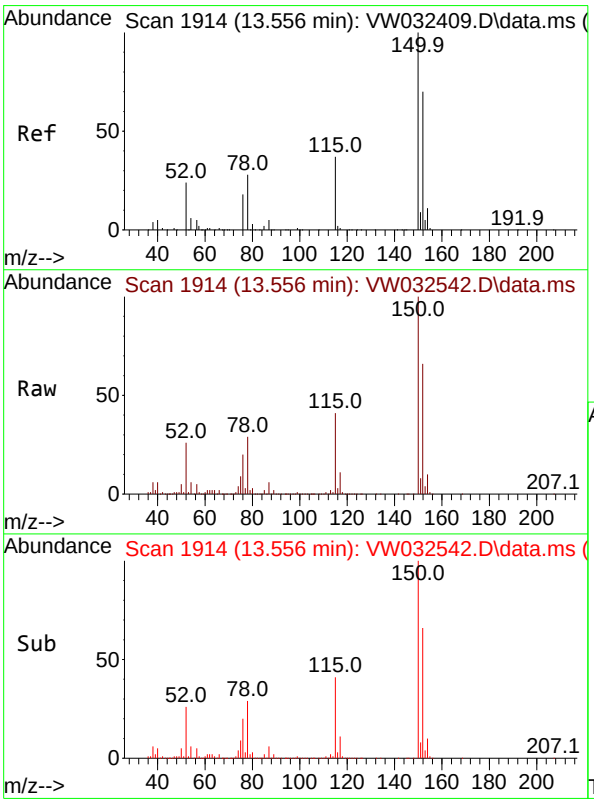
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Instrument :
MSVOA_W
ClientSampleId :
S-1

Tgt Ion:117 Resp: 546383

Ion	Ratio	Lower	Upper
117	100		
82	59.9	43.0	64.4
119	33.8	25.0	37.6

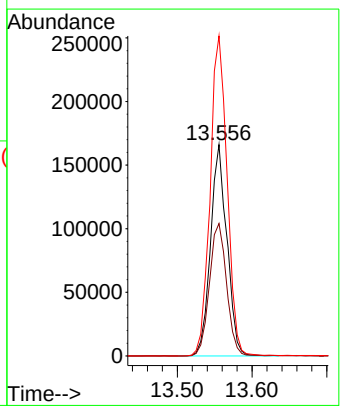




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032542.D
Acq: 26 Nov 2025 14:36

Tgt Ion:152 Resp: 253441

Ion	Ratio	Lower	Upper
152	100		
115	65.6	32.8	98.3
150	157.0	0.0	356.6



Sample Results: **VW032542.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032542.D
Acq On : 26 Nov 2025 14:36
Operator : SY/MD
Sample : Q3604-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1

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\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032542.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.686	122	131	136	rBV	7661	25987	1.50%	0.286%
2	4.704	452	462	473	rVB3	5899	20846	1.21%	0.229%
3	4.947	492	502	511	rBV3	17792	62199	3.60%	0.684%
4	5.972	660	670	680	rBV3	13959	41963	2.43%	0.462%
5	7.160	858	865	875	rBV	22181	63845	3.69%	0.702%
6	7.898	970	986	991	rBV	213275	531904	30.78%	5.852%
7	7.959	991	996	1008	rVB	291091	658150	38.09%	7.241%
8	8.319	1047	1055	1065	rVB	216593	473883	27.42%	5.213%
9	8.849	1133	1142	1155	rBV	602491	1200483	69.47%	13.207%
10	10.325	1376	1384	1399	rBV	807910	1432770	82.92%	15.763%
11	10.703	1439	1446	1453	rBV3	17141	35856	2.08%	0.394%
12	11.062	1500	1505	1510	rBV3	15177	26641	1.54%	0.293%
13	11.629	1589	1598	1609	rBV	1031331	1727990	100.00%	19.010%
14	12.617	1748	1760	1773	rBV	676857	1114426	64.49%	12.260%
15	13.556	1907	1914	1924	rBV	1032353	1648283	95.39%	18.133%
16	14.062	1985	1997	2003	rBV2	11388	24508	1.42%	0.270%

Sum of corrected areas: 9089734

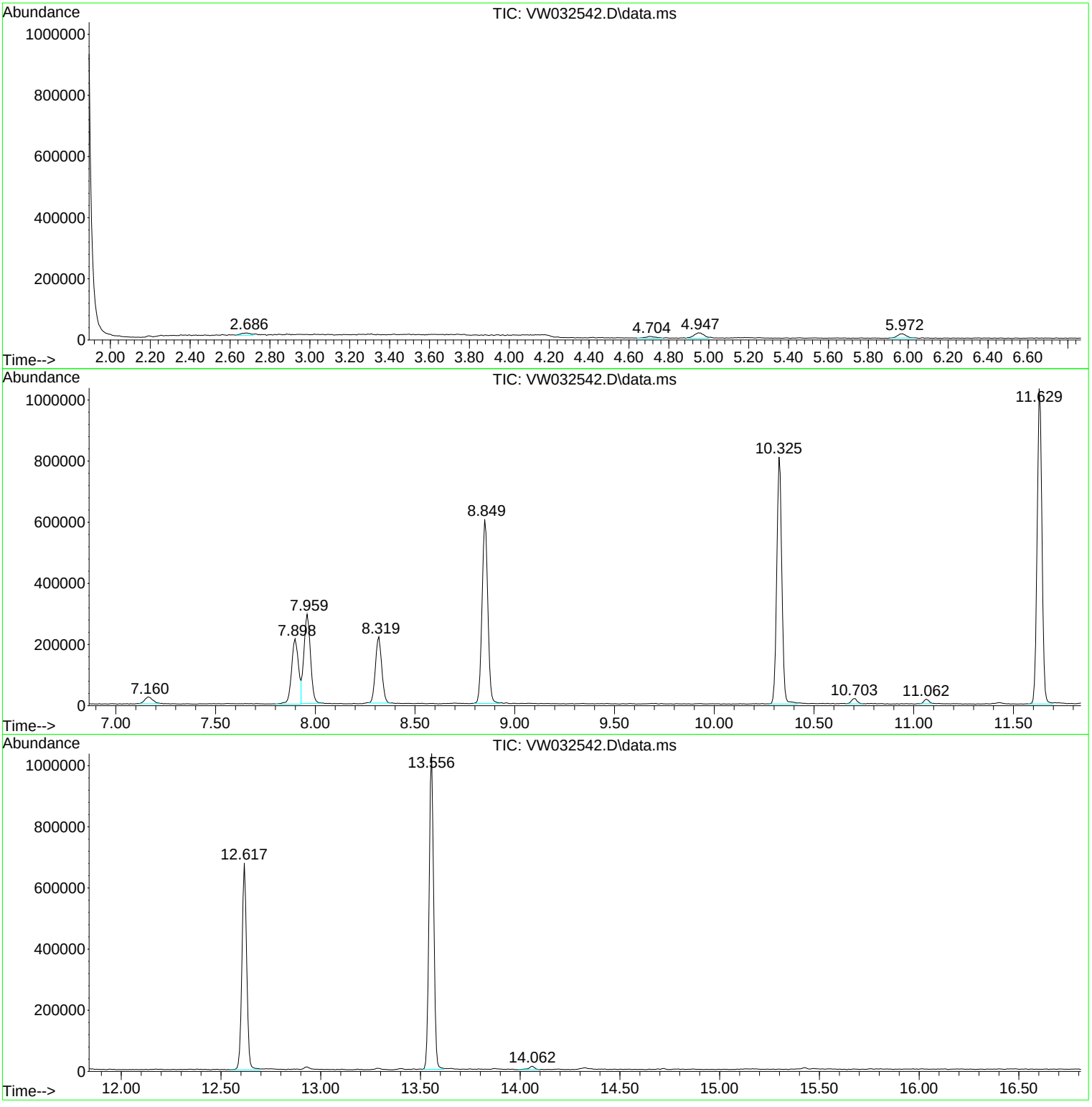
Sample Results: **VW032542.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032542.D
Acq On : 26 Nov 2025 14:36
Operator : SY/MD
Sample : Q3604-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VW032542.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032542.D
Acq On : 26 Nov 2025 14:36
Operator : SY/MD
Sample : Q3604-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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\VW112625\
Data File : VW032542.D
Acq On : 26 Nov 2025 14:36
Operator : SY/MD
Sample : Q3604-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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: **VW032541.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	11/10/25
Project:	MCUA - New Brunswick			Date Received:	11/10/25
Client Sample ID:	S-2			SDG No.:	Q3604
Lab Sample ID:	Q3604-05			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	82.7
Sample Wt/Vol:	5.4 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 14:11	VW112625
74-87-3	Chloromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 14:11	VW112625
75-01-4	Vinyl Chloride	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 14:11	VW112625
74-83-9	Bromomethane	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 14:11	VW112625
75-00-3	Chloroethane	1.40	U	1	1.40	5.60	ug/Kg	11/26/25 14:11	VW112625
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.60	ug/Kg	11/26/25 14:11	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 14:11	VW112625
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.60	ug/Kg	11/26/25 14:11	VW112625
67-64-1	Acetone	5.30	U	1	5.30	28.0	ug/Kg	11/26/25 14:11	VW112625
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 14:11	VW112625
1634-04-4	Methyl tert-butyl Ether	0.82	U	1	0.82	5.60	ug/Kg	11/26/25 14:11	VW112625
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.60	ug/Kg	11/26/25 14:11	VW112625
75-09-2	Methylene Chloride	4.00	U	1	4.00	11.2	ug/Kg	11/26/25 14:11	VW112625
156-60-5	trans-1,2-Dichloroethene	0.96	U	1	0.96	5.60	ug/Kg	11/26/25 14:11	VW112625
75-34-3	1,1-Dichloroethane	0.90	U	1	0.90	5.60	ug/Kg	11/26/25 14:11	VW112625
110-82-7	Cyclohexane	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 14:11	VW112625
78-93-3	2-Butanone	7.30	U	1	7.30	28.0	ug/Kg	11/26/25 14:11	VW112625
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.60	ug/Kg	11/26/25 14:11	VW112625
156-59-2	cis-1,2-Dichloroethene	0.84	U	1	0.84	5.60	ug/Kg	11/26/25 14:11	VW112625
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 14:11	VW112625
67-66-3	Chloroform	0.94	U	1	0.94	5.60	ug/Kg	11/26/25 14:11	VW112625
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 14:11	VW112625
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 14:11	VW112625
71-43-2	Benzene	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 14:11	VW112625
107-06-2	1,2-Dichloroethane	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 14:11	VW112625
79-01-6	Trichloroethene	0.91	U	1	0.91	5.60	ug/Kg	11/26/25 14:11	VW112625
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 14:11	VW112625
75-27-4	Bromodichloromethane	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 14:11	VW112625
108-10-1	4-Methyl-2-Pentanone	4.00	U	1	4.00	28.0	ug/Kg	11/26/25 14:11	VW112625
108-88-3	Toluene	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 14:11	VW112625
10061-02-6	t-1,3-Dichloropropene	0.73	U	1	0.73	5.60	ug/Kg	11/26/25 14:11	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.69	U	1	0.69	5.60	ug/Kg	11/26/25 14:11	VW112625
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 14:11	VW112625
591-78-6	2-Hexanone	4.10	U	1	4.10	28.0	ug/Kg	11/26/25 14:11	VW112625
124-48-1	Dibromochloromethane	0.97	U	1	0.97	5.60	ug/Kg	11/26/25 14:11	VW112625
106-93-4	1,2-Dibromoethane	0.99	U	1	0.99	5.60	ug/Kg	11/26/25 14:11	VW112625
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 14:11	VW112625
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 14:11	VW112625
100-41-4	Ethyl Benzene	0.75	U	1	0.75	5.60	ug/Kg	11/26/25 14:11	VW112625
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.2	ug/Kg	11/26/25 14:11	VW112625
95-47-6	o-Xylene	0.92	U	1	0.92	5.60	ug/Kg	11/26/25 14:11	VW112625
100-42-5	Styrene	0.79	U	1	0.79	5.60	ug/Kg	11/26/25 14:11	VW112625
75-25-2	Bromoform	0.96	U	1	0.96	5.60	ug/Kg	11/26/25 14:11	VW112625

Raw Data: **VW032541.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	11/10/25
Project:	MCUA - New Brunswick			Date Received:	11/10/25
Client Sample ID:	S-2			SDG No.:	Q3604
Lab Sample ID:	Q3604-05			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	82.7
Sample Wt/Vol:	5.4 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 14:11	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.60	ug/Kg	11/26/25 14:11	VW112625
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.60	ug/Kg	11/26/25 14:11	VW112625
106-46-7	1,4-Dichlorobenzene	1.70	U	1	1.70	5.60	ug/Kg	11/26/25 14:11	VW112625
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.60	ug/Kg	11/26/25 14:11	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.60	ug/Kg	11/26/25 14:11	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.30	U	1	3.30	5.60	ug/Kg	11/26/25 14:11	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.60	U	1	3.60	5.60	ug/Kg	11/26/25 14:11	VW112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	70.4	*		70 (63) - 130 (155)	141%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.4			70 (70) - 130 (134)	107%	SPK: 50		
2037-26-5	Toluene-d8	46.3			70 (74) - 130 (123)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			70 (52) - 130 (138)	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	191000							
540-36-3	1,4-Difluorobenzene	461000							
3114-55-4	Chlorobenzene-d5	523000							
3855-82-1	1,4-Dichlorobenzene-d4	256000							
TENTATIVE IDENTIFIED COMPOUNDS									
001066-40-6	Silanol, trimethyl-	10.8	J			7.16	ug/Kg		
000107-46-0	Disiloxane, hexamethyl-	6.00	J			8.26	ug/Kg		

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032541.D
Acq On : 26 Nov 2025 14:11
Operator : SY/MD
Sample : Q3604-05
Misc : 5.40g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-2

Quant Time: Nov 26 14:57:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	191034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	461380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	522966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	256269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	173314	70.370	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 140.740%			
35) Dibromofluoromethane	7.905	113	147430	53.370	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 106.740%			
50) Toluene-d8	10.325	98	490393	46.275	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 92.540%			
62) 4-Bromofluorobenzene	12.617	95	225685	56.375	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 112.740%			

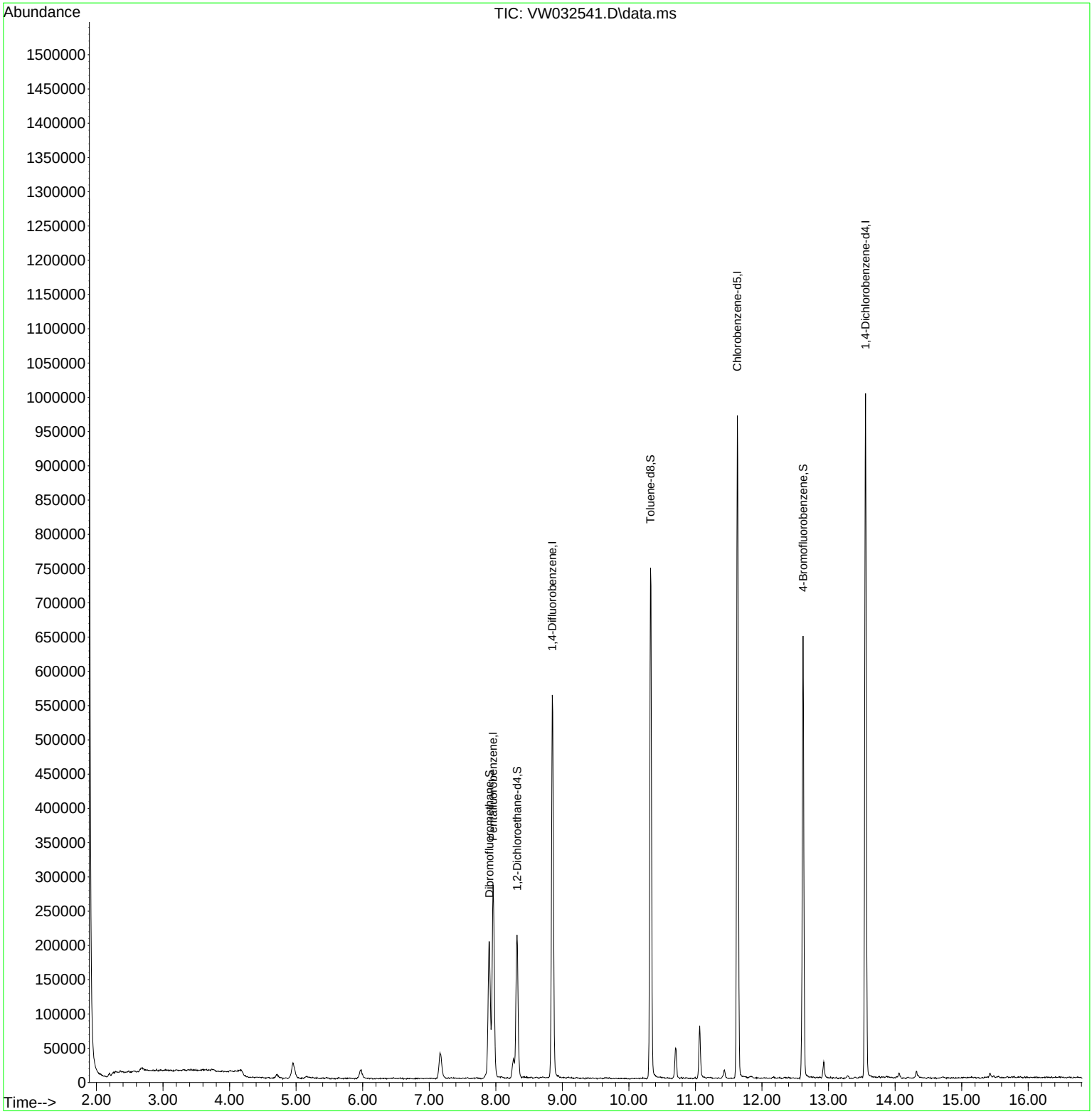
Target Compounds Qvalue

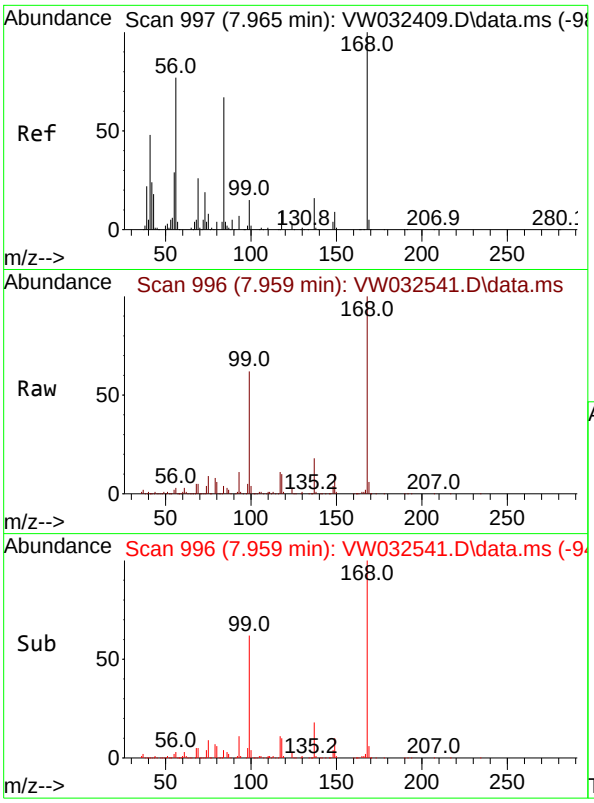
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032541.D
Acq On : 26 Nov 2025 14:11
Operator : SY/MD
Sample : Q3604-05
Misc : 5.40g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-2

Quant Time: Nov 26 14:57:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



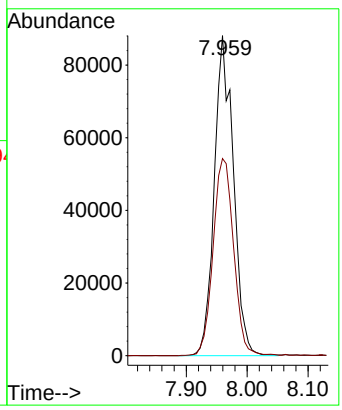


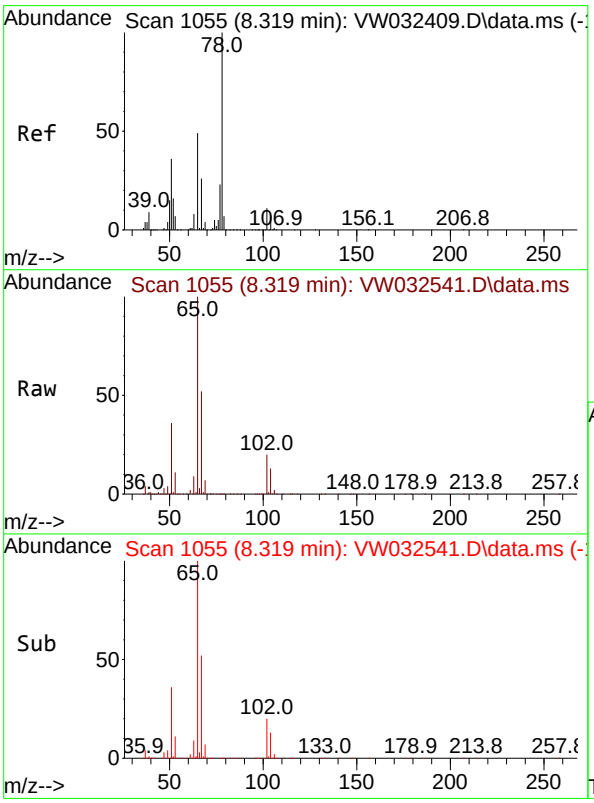
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Instrument :
MSVOA_W
ClientSampleId :
S-2

Tgt Ion:168 Resp: 191034

Ion	Ratio	Lower	Upper
168	100		
99	61.6	45.4	68.2

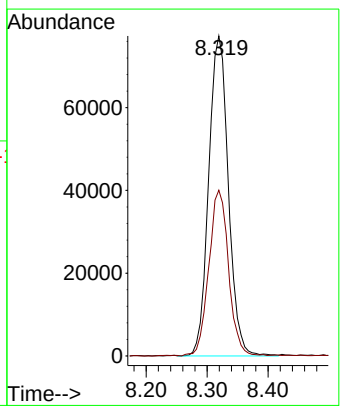


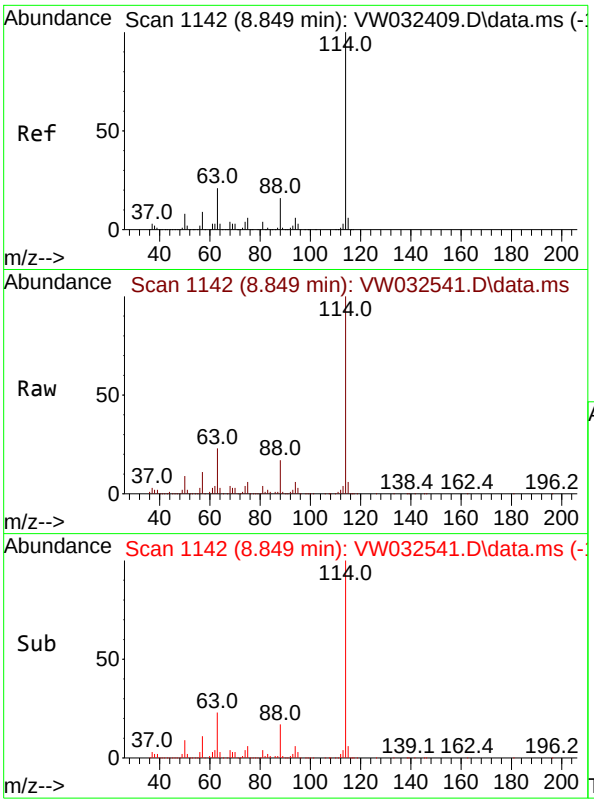


#33
1,2-Dichloroethane-d4
Concen: 70.370 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Tgt Ion: 65 Resp: 173314

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.8



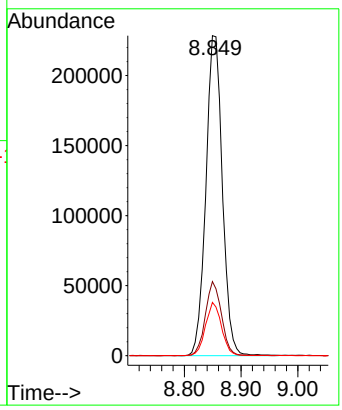


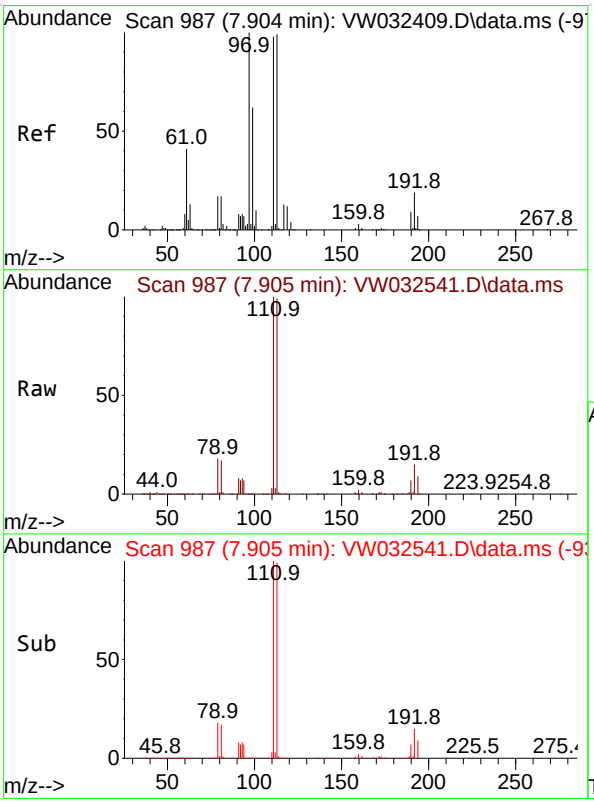
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Instrument :
MSVOA_W
ClientSampleId :
S-2

Tgt Ion:114 Resp: 461380

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	41.8
88	16.6	0.0	32.6

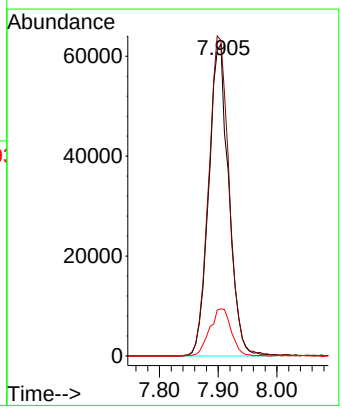


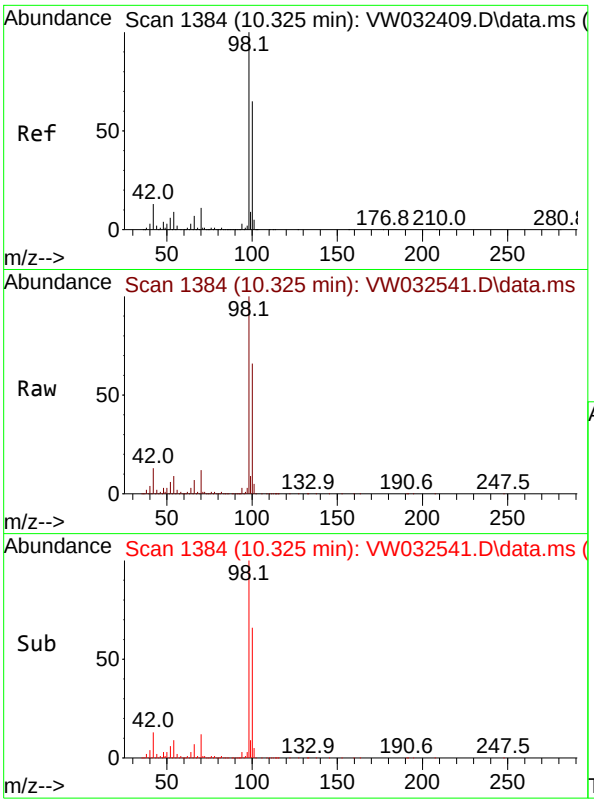


#35
Dibromofluoromethane
Concen: 53.370 ug/l
RT: 7.905 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Tgt Ion:113 Resp: 147430

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.1	124.7
192	16.3	13.4	20.2



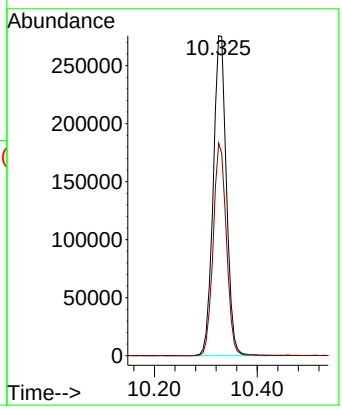


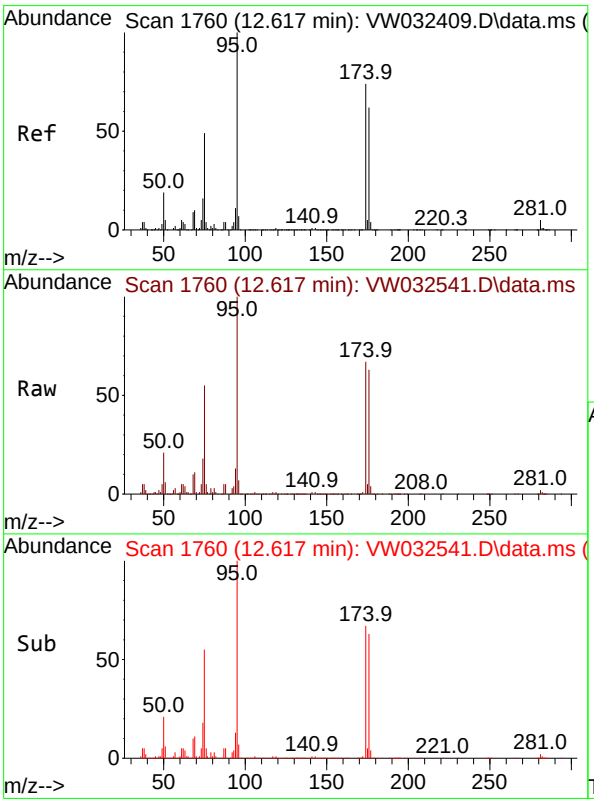
#50
Toluene-d8
Concen: 46.275 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Instrument :
MSVOA_W
ClientSampleId :
S-2

Tgt Ion: 98 Resp: 490393

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

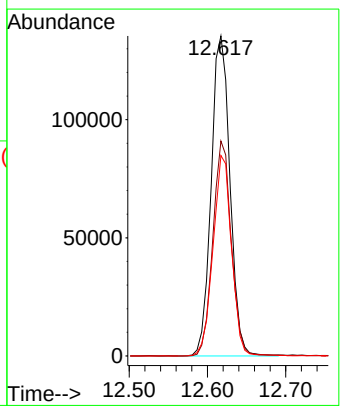


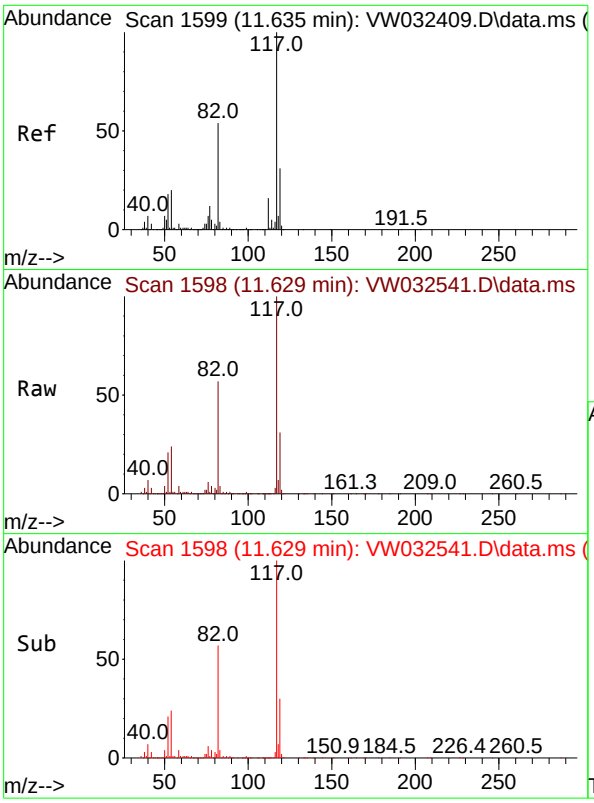


#62
4-Bromofluorobenzene
Concen: 56.375 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Tgt Ion: 95 Resp: 225685

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	135.4
176	61.9	0.0	131.8



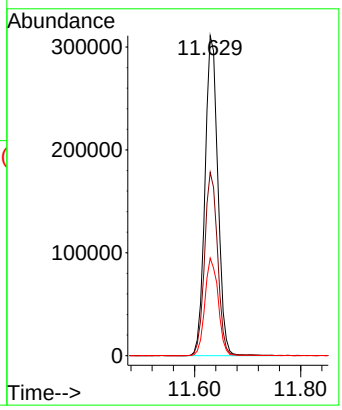


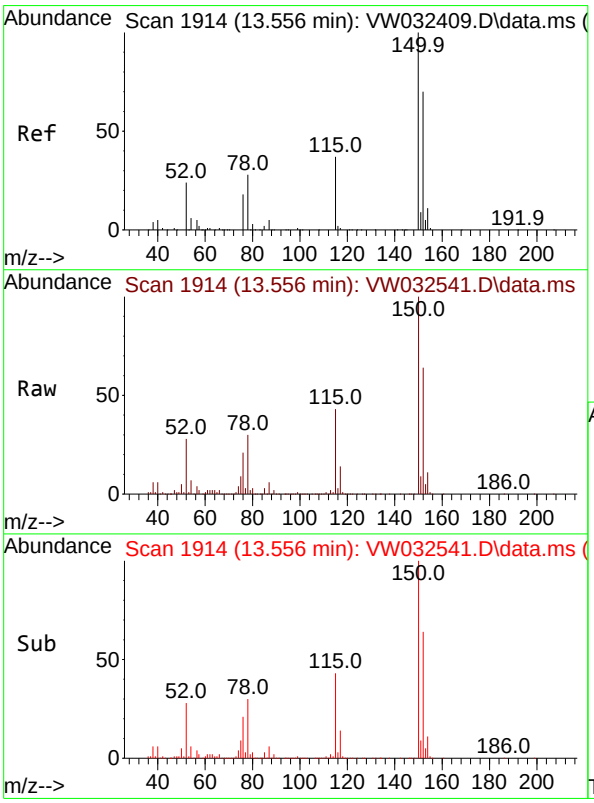
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Instrument :
MSVOA_W
ClientSampleId :
S-2

Tgt Ion:117 Resp: 522966

Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.0	64.4
119	30.5	25.0	37.6

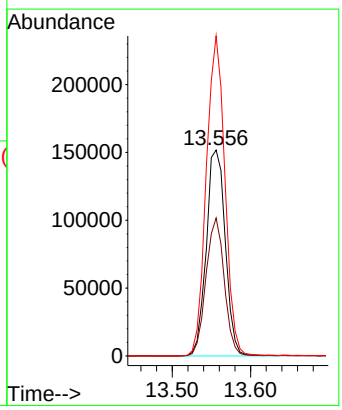




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032541.D
Acq: 26 Nov 2025 14:11

Tgt Ion:152 Resp: 256269

Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.8	98.3
150	151.7	0.0	356.6



Sample Results: **VW032541.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032541.D
Acq On : 26 Nov 2025 14:11
Operator : SY/MD
Sample : Q3604-05
Misc : 5.40g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-2

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\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	490	503	514	rBV2	23187	81778	4.97%	0.902%
2	5.978	660	671	678	rBV4	13465	42467	2.58%	0.469%
3	7.161	854	865	880	rBV2	38303	121382	7.37%	1.340%
4	7.898	970	986	991	rBV2	199671	494017	30.00%	5.452%
5	7.959	991	996	1008	rVB	281016	628424	38.16%	6.935%
6	8.264	1037	1046	1049	rBV	28839	66868	4.06%	0.738%
7	8.319	1049	1055	1067	rVB	208927	474435	28.81%	5.236%
8	8.849	1133	1142	1154	rBV	558654	1129465	68.58%	12.465%
9	10.325	1374	1384	1400	rBV	746166	1350440	82.00%	14.903%
10	10.703	1437	1446	1456	rBV2	44934	92464	5.61%	1.020%
11	11.062	1498	1505	1513	rBV	77456	135399	8.22%	1.494%
12	11.434	1557	1566	1576	rBV3	12689	26636	1.62%	0.294%
13	11.629	1591	1598	1610	rBV	966803	1646848	100.00%	18.175%
14	12.617	1752	1760	1771	rBV	646300	1082621	65.74%	11.948%
15	12.928	1805	1811	1817	rBV2	23708	41148	2.50%	0.454%
16	13.556	1907	1914	1924	rBV	998850	1630375	99.00%	17.993%
17	14.318	2033	2039	2042	rBV8	9870	16520	1.00%	0.182%

Sum of corrected areas: 9061287

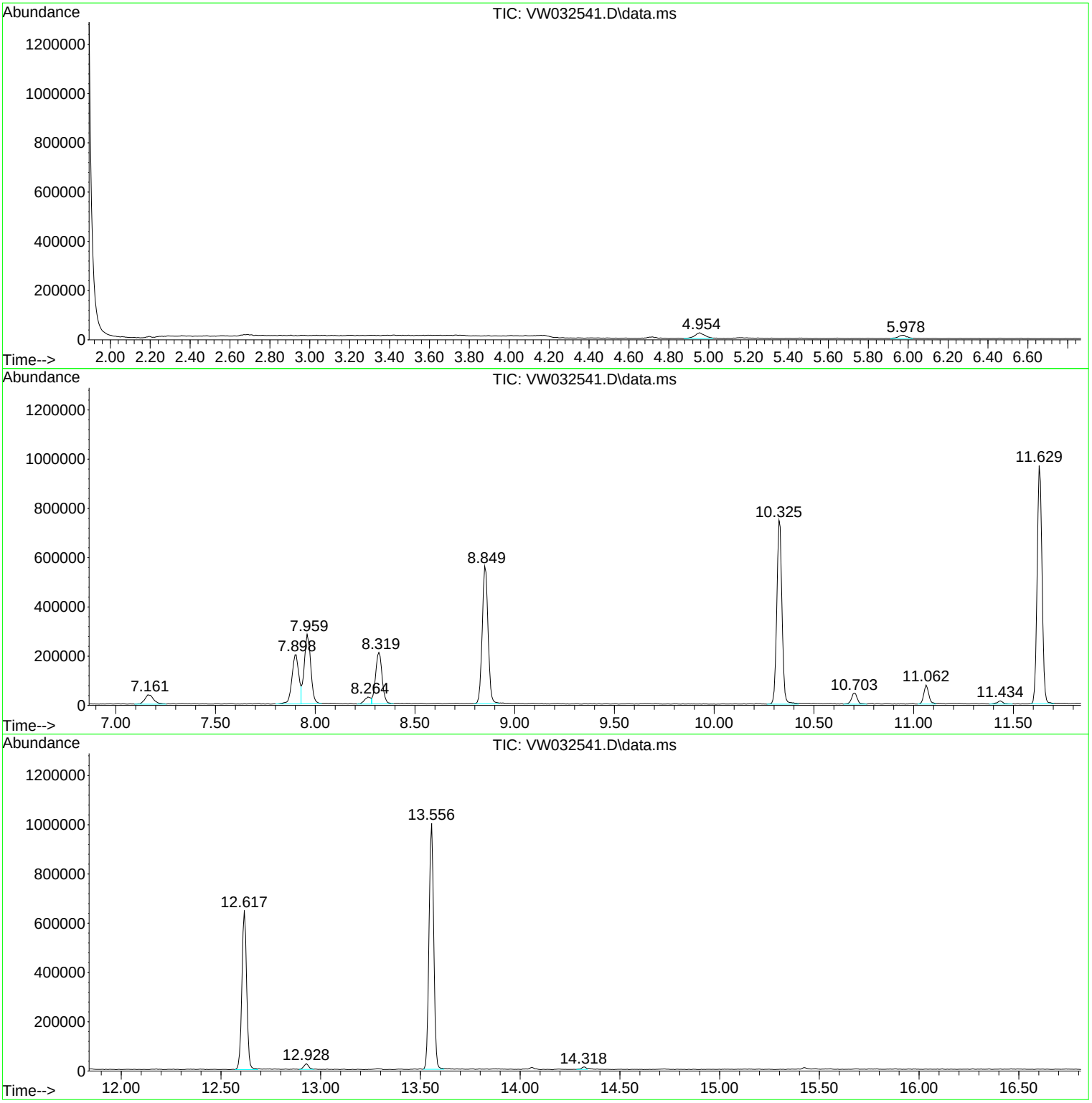
Sample Results: **VW032541.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032541.D
Acq On : 26 Nov 2025 14:11
Operator : SY/MD
Sample : Q3604-05
Misc : 5.40g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Sample Results: **VW032541.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032541.D
Acq On : 26 Nov 2025 14:11
Operator : SY/MD
Sample : Q3604-05
Misc : 5.40g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-2

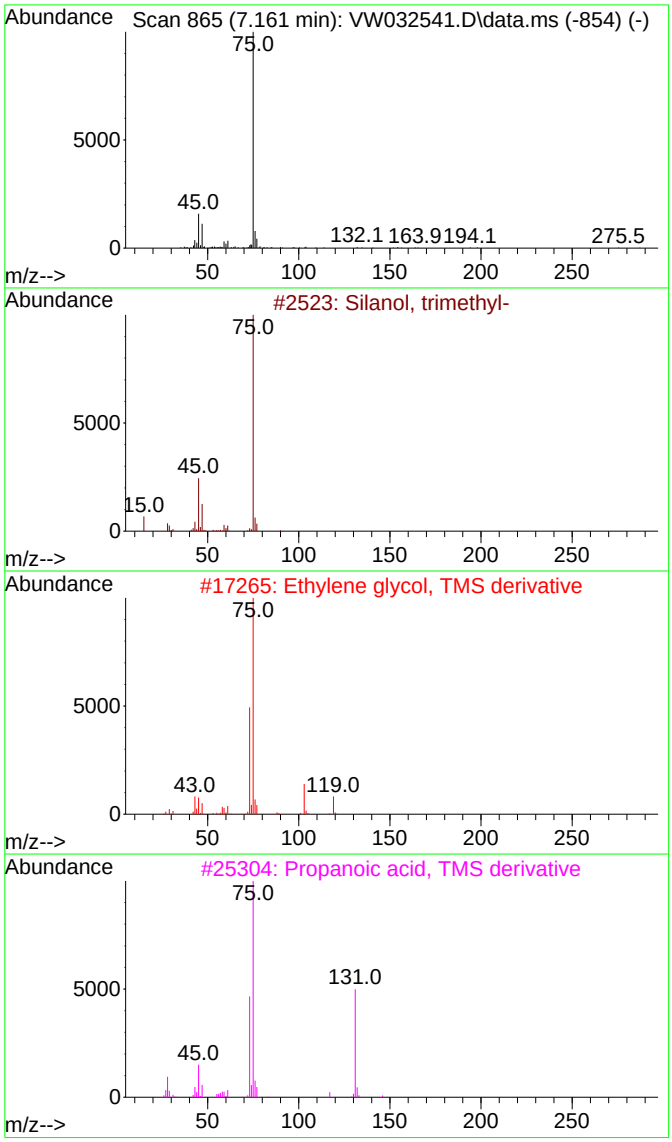
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

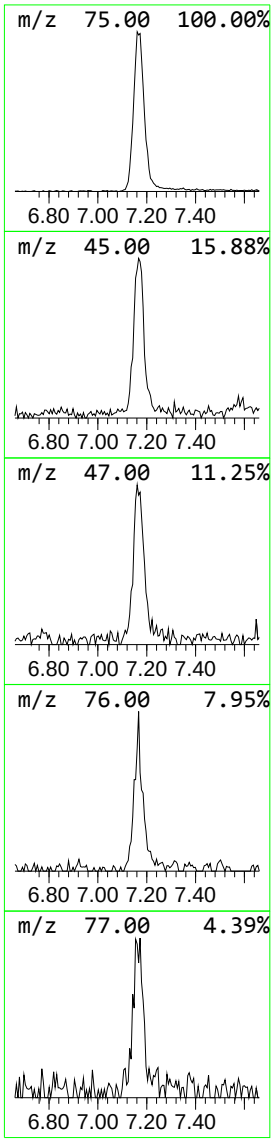
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.161	9.66 ug/l	121382	Pentafluorobenzene	7.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	86
2	Ethylene glycol, TMS derivative	134	C5H14O2Si	004403-13-8	78
3	Propanoic acid, TMS derivative	146	C6H14O2Si	016844-98-7	72
4	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	72
5	3-(Methylthio)-2-butanone	118	C5H10OS	053475-15-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032541.D
Acq On : 26 Nov 2025 14:11
Operator : SY/MD
Sample : Q3604-05
Misc : 5.40g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

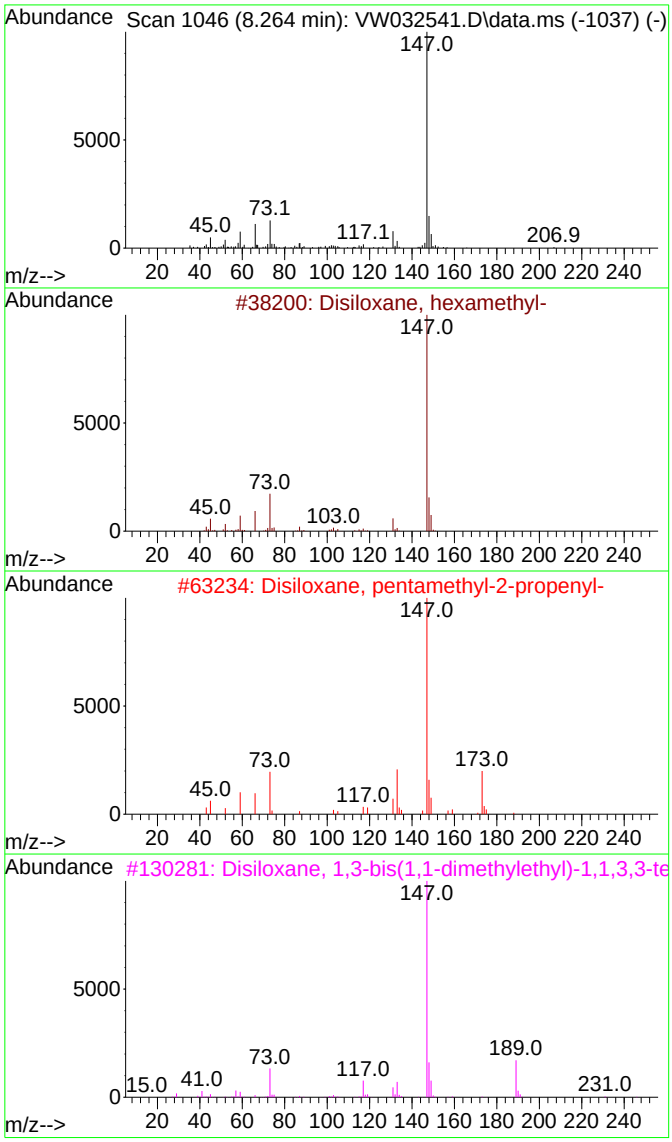
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

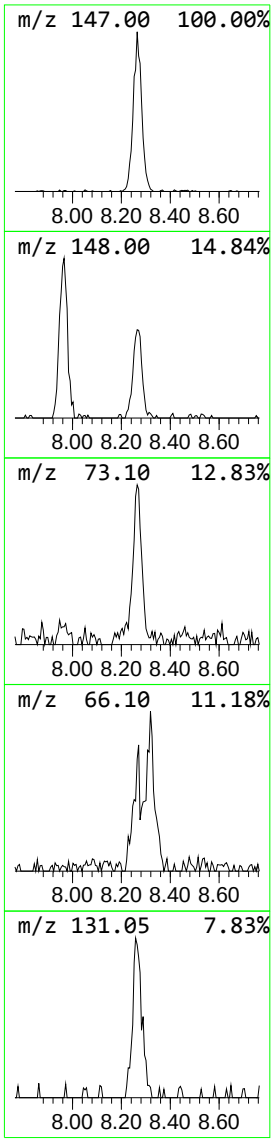
****

Peak Number 2 Disiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.264	5.32 ug/l	66868	Pentafluorobenzene	7.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, hexamethyl-	162	C6H18OSi2	000107-46-0	90
2	Disiloxane, pentamethyl-2-propenyl-	188	C8H20OSi2	007087-19-6	74
3	Disiloxane, 1,3-bis(1,1-dimethyl...	246	C12H30OSi2	067875-55-2	64
4	Butylsemithiocarbazide	147	C5H13N3S	006610-31-7	59
5	2-Ethyl-1,3-bis(trimethylsilylox...	248	C11H28O2Si2	959098-15-8	56





Sample Results: **VW032541.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032541.D
Acq On : 26 Nov 2025 14:11
Operator : SY/MD
Sample : Q3604-05
Misc : 5.40g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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
Silanol, trimet...	7.161	9.7	ug/l	121382	1	7.959	628424	50.0
Disiloxane, hex...	8.264	5.3	ug/l	66868	1	7.959	628424	50.0

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: ROMA02

Lab Code: ACE SDG No.: Q3604

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

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

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

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

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.288	0.282	0.231	0.248	0.243	0.230	0.254	10
Chloromethane	0.476	0.439	0.408	0.408	0.438	0.440	0.435	5.8
Vinyl Chloride	0.591	0.567	0.525	0.538	0.543	0.528	0.549	4.6
Bromomethane	0.402	0.371	0.350	0.358	0.364	0.358	0.367	5.1
Chloroethane	0.382	0.361	0.340	0.355	0.362	0.354	0.359	3.9
Trichlorofluoromethane	0.420	0.416	0.392	0.459	0.442	0.452	0.430	5.9
1,1,2-Trichlorotrifluoroethane	0.506	0.495	0.438	0.467	0.458	0.449	0.469	5.6
1,1-Dichloroethene	0.576	0.541	0.506	0.540	0.539	0.523	0.537	4.3
Acetone	0.216	0.194	0.183	0.186	0.190	0.188	0.193	6.3
Carbon Disulfide	1.604	1.574	1.497	1.608	1.644	1.603	1.588	3.1
Methyl tert-butyl Ether	1.186	1.163	1.107	1.139	1.126	1.076	1.133	3.5
Methyl Acetate	0.486	0.494	0.459	0.463	0.476	0.487	0.478	2.9
Methylene Chloride	0.789	0.741	0.682	0.640	0.658	0.629	0.690	9.1
trans-1,2-Dichloroethene	0.646	0.619	0.596	0.603	0.624	0.598	0.615	3.1
1,1-Dichloroethane	1.217	1.156	1.091	1.148	1.168	1.138	1.153	3.5
Cyclohexane	1.236	1.141	1.016	1.027	1.003	0.976	1.066	9.5
2-Butanone	0.292	0.288	0.282	0.280	0.284	0.278	0.284	1.9
Carbon Tetrachloride	0.392	0.398	0.386	0.399	0.386	0.391	0.392	1.4
cis-1,2-Dichloroethene	0.764	0.727	0.713	0.729	0.748	0.723	0.734	2.5
Bromochloromethane	0.606	0.563	0.533	0.502	0.538	0.527	0.545	6.6
Chloroform	1.164	1.165	1.089	1.109	1.141	1.103	1.129	2.9
1,1,1-Trichloroethane	0.831	0.820	0.776	0.817	0.817	0.777	0.806	2.9
Methylcyclohexane	0.560	0.575	0.562	0.598	0.562	0.572	0.571	2.5
Benzene	1.410	1.473	1.410	1.437	1.413	1.380	1.420	2.2
1,2-Dichloroethane	0.425	0.423	0.416	0.421	0.409	0.409	0.417	1.7
Trichloroethene	0.336	0.340	0.327	0.335	0.323	0.323	0.331	2.2
1,2-Dichloropropane	0.356	0.360	0.354	0.356	0.350	0.346	0.354	1.4
Bromodichloromethane	0.460	0.469	0.456	0.482	0.481	0.482	0.471	2.5
4-Methyl-2-Pentanone	0.304	0.329	0.330	0.336	0.317	0.311	0.321	3.9
Toluene	0.875	0.896	0.870	0.894	0.870	0.859	0.877	1.7

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

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: ROMA02

Lab Code: ACE SDG No.: Q3604

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

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

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

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

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.445	0.481	0.469	0.504	0.508	0.507	0.486	5.2
cis-1,3-Dichloropropene	0.531	0.553	0.556	0.579	0.576	0.574	0.562	3.2
1,1,2-Trichloroethane	0.288	0.283	0.282	0.293	0.278	0.277	0.284	2.1
2-Hexanone	0.223	0.245	0.241	0.244	0.231	0.226	0.235	4
Dibromochloromethane	0.306	0.317	0.314	0.320	0.320	0.322	0.317	1.9
1,2-Dibromoethane	0.261	0.292	0.279	0.281	0.272	0.272	0.276	3.8
Tetrachloroethene	0.298	0.304	0.285	0.300	0.303	0.287	0.296	2.8
Chlorobenzene	1.087	1.088	1.042	1.133	1.093	1.023	1.078	3.7
Ethyl Benzene	1.875	1.853	1.822	1.944	1.915	1.779	1.865	3.2
m/p-Xylenes	0.692	0.713	0.679	0.732	0.708	0.677	0.700	3
o-Xylene	0.668	0.659	0.662	0.682	0.699	0.653	0.670	2.5
Styrene	1.104	1.146	1.132	1.208	1.212	1.118	1.153	4
Bromoform	0.187	0.201	0.193	0.203	0.205	0.196	0.198	3.5
Isopropylbenzene	3.523	3.562	3.511	3.968	3.781	3.689	3.672	4.9
1,1,2,2-Tetrachloroethane	0.886	0.869	0.845	0.927	0.871	0.831	0.871	3.8
1,3-Dichlorobenzene	1.665	1.630	1.620	1.721	1.659	1.596	1.648	2.7
1,4-Dichlorobenzene	1.776	1.680	1.644	1.774	1.658	1.602	1.689	4.2
1,2-Dichlorobenzene	1.547	1.528	1.464	1.545	1.509	1.488	1.513	2.2
1,2-Dibromo-3-Chloropropane	0.145	0.146	0.145	0.159	0.152	0.154	0.150	3.8
1,2,4-Trichlorobenzene	0.943	0.917	0.923	1.032	0.972	0.992	0.963	4.6
1,2,3-Trichlorobenzene	0.892	0.831	0.836	0.901	0.880	0.906	0.874	3.8
1,2-Dichloroethane-d4	0.691	0.654	0.647	0.605	0.640	0.630	0.645	4.4
Dibromofluoromethane	0.314	0.302	0.305	0.287	0.297	0.291	0.299	3.3
Toluene-d8	1.171	1.176	1.152	1.130	1.136	1.125	1.148	1.9
4-Bromofluorobenzene	0.444	0.444	0.454	0.415	0.426	0.421	0.434	3.6

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

Response Factor Report MSVOA_W

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

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

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

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

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

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

ICAL Form

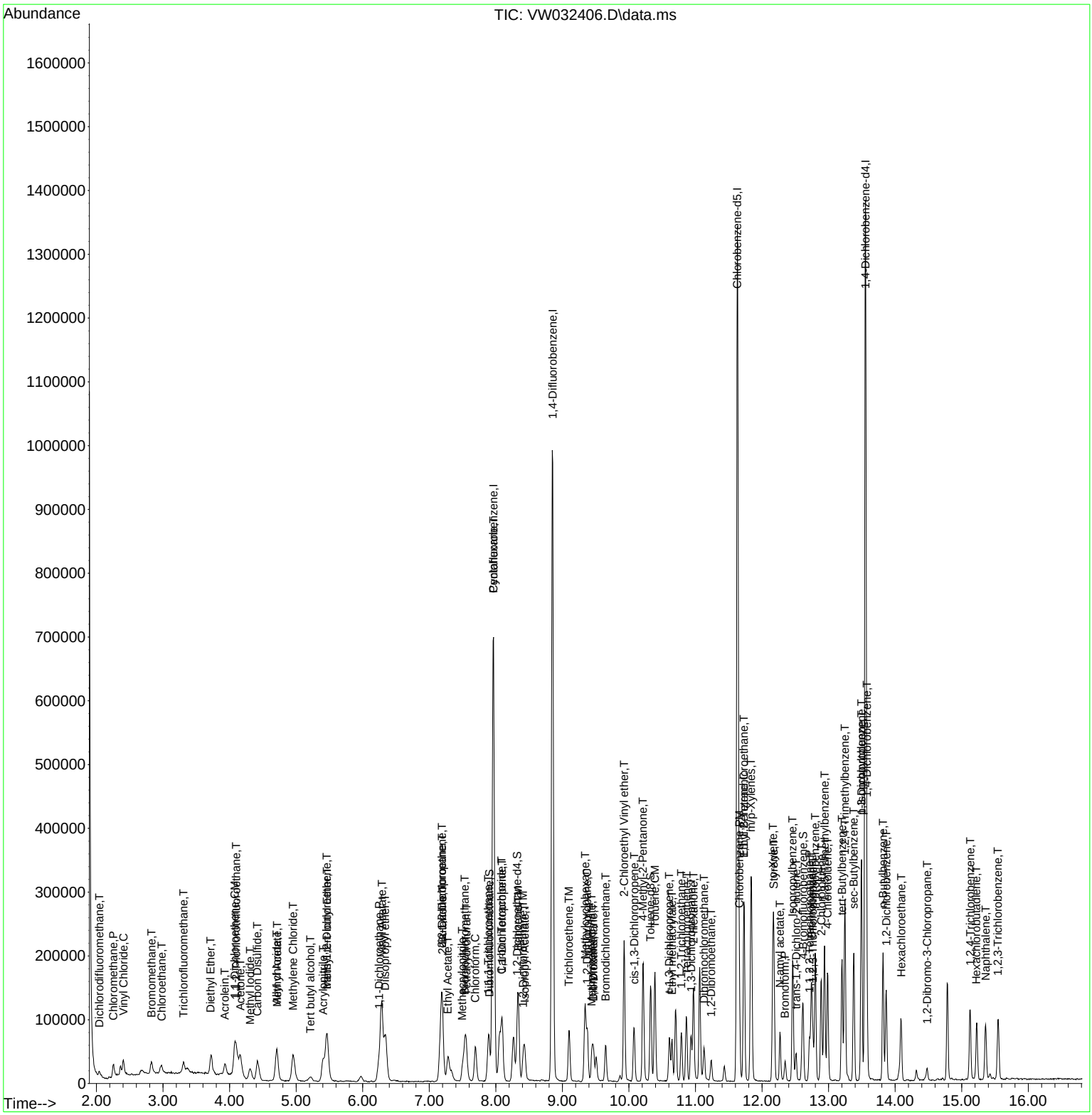
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032406.D
Acq On : 10 Nov 2025 15:11
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

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

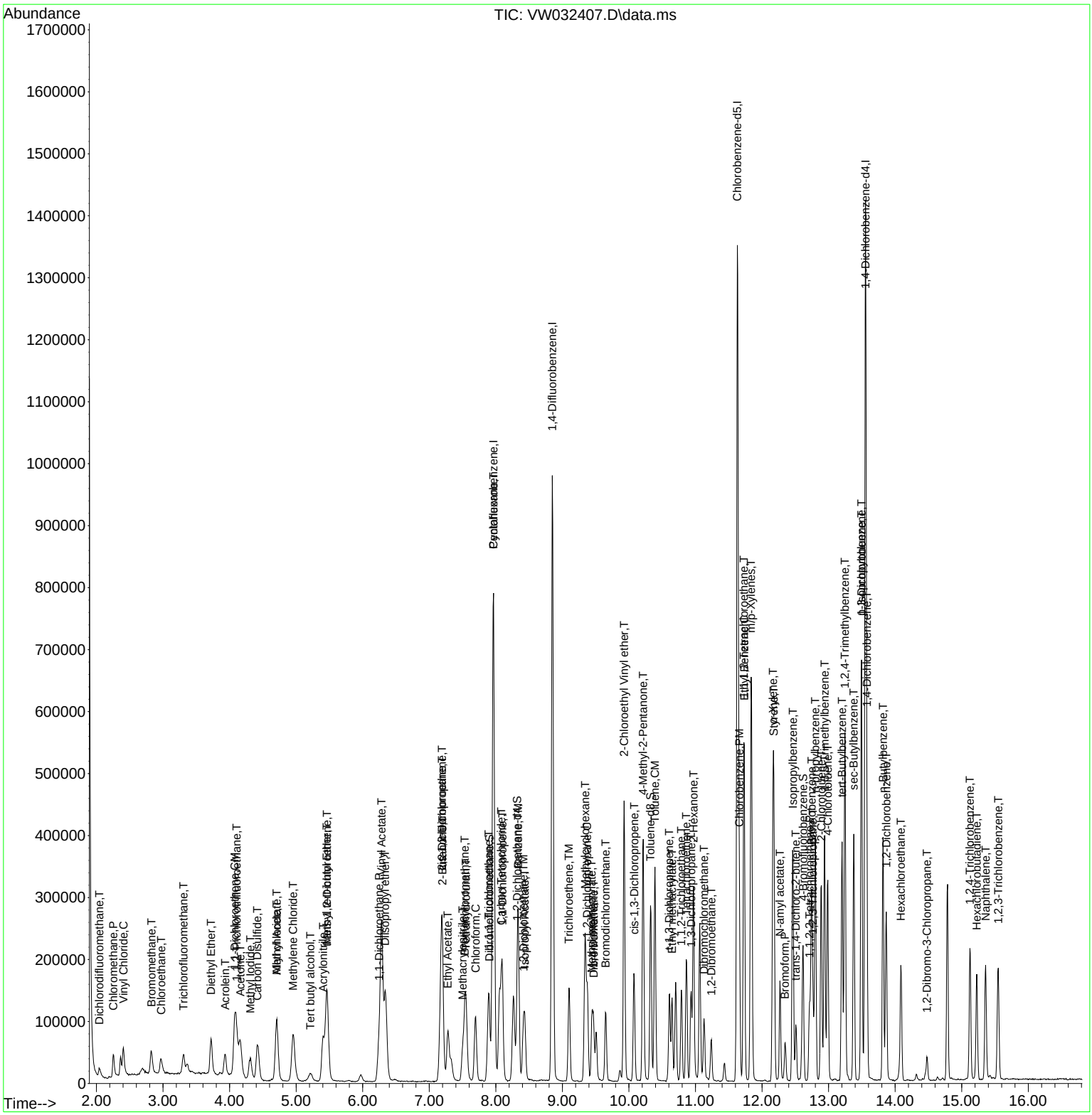
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032407.D
Acq On : 10 Nov 2025 15:33
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

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

ICAL Form

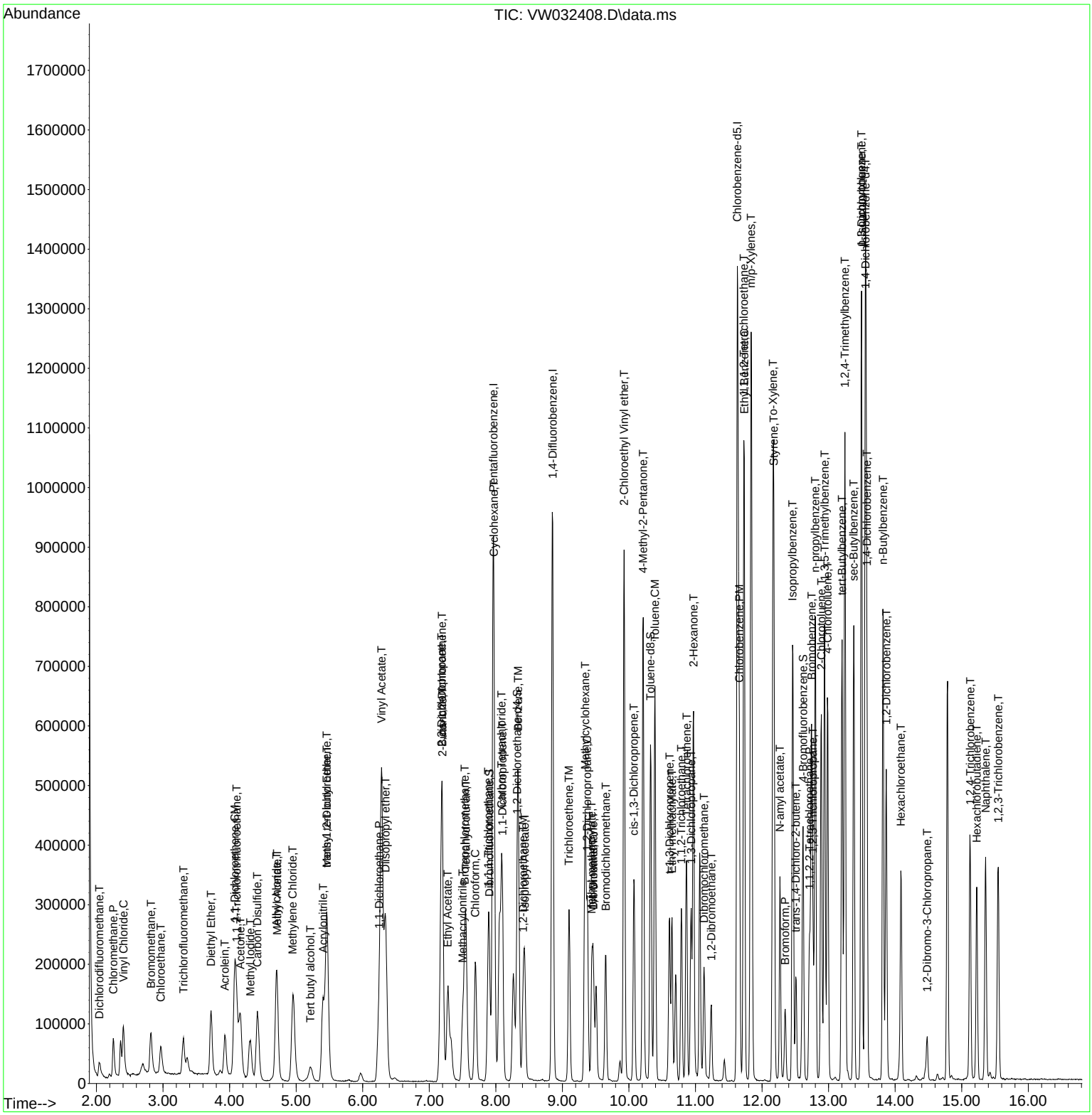
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032408.D
Acq On : 10 Nov 2025 15:55
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

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

ICAL Form

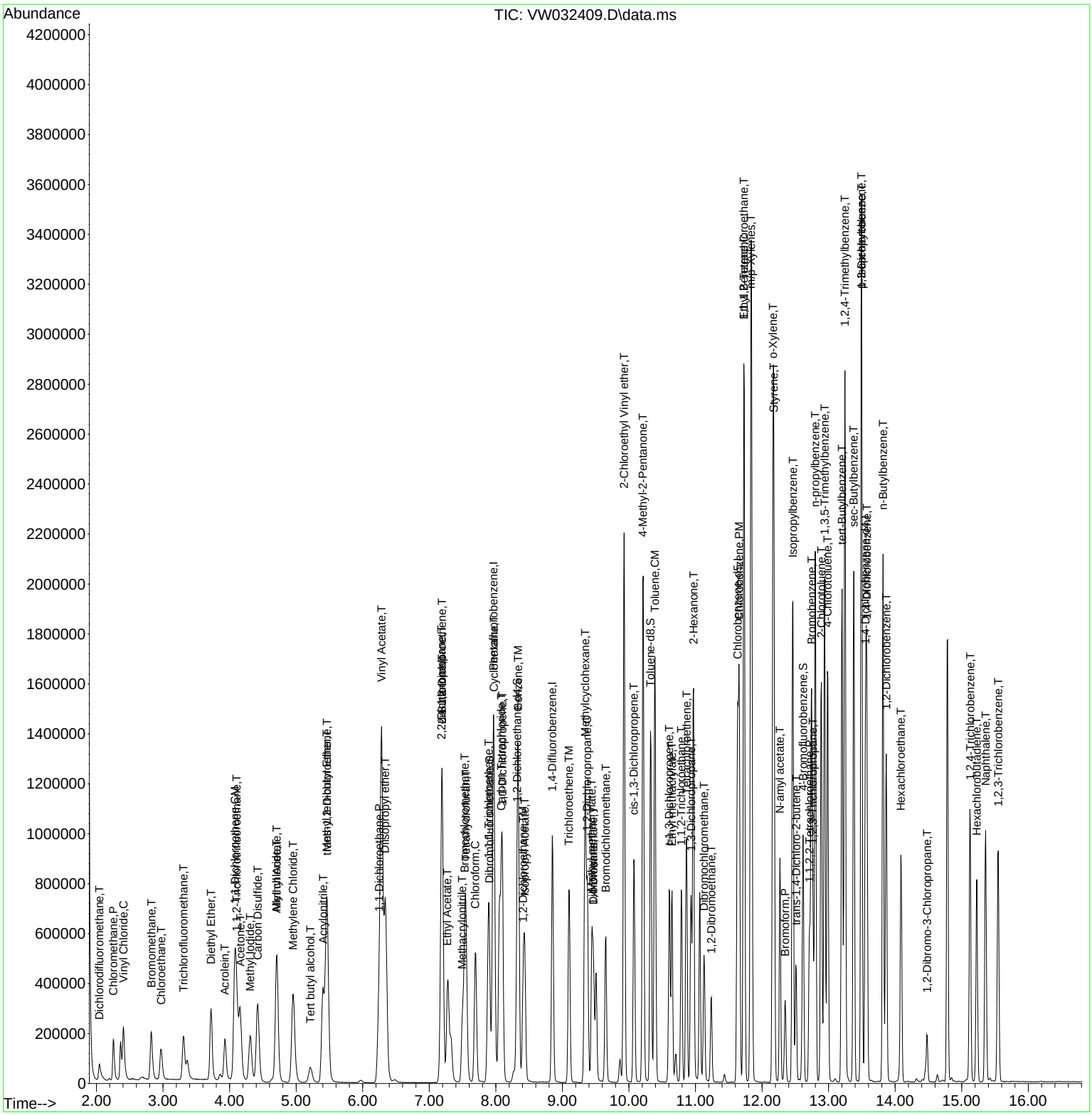
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032409.D
Acq On : 10 Nov 2025 16:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

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

ICAL Form

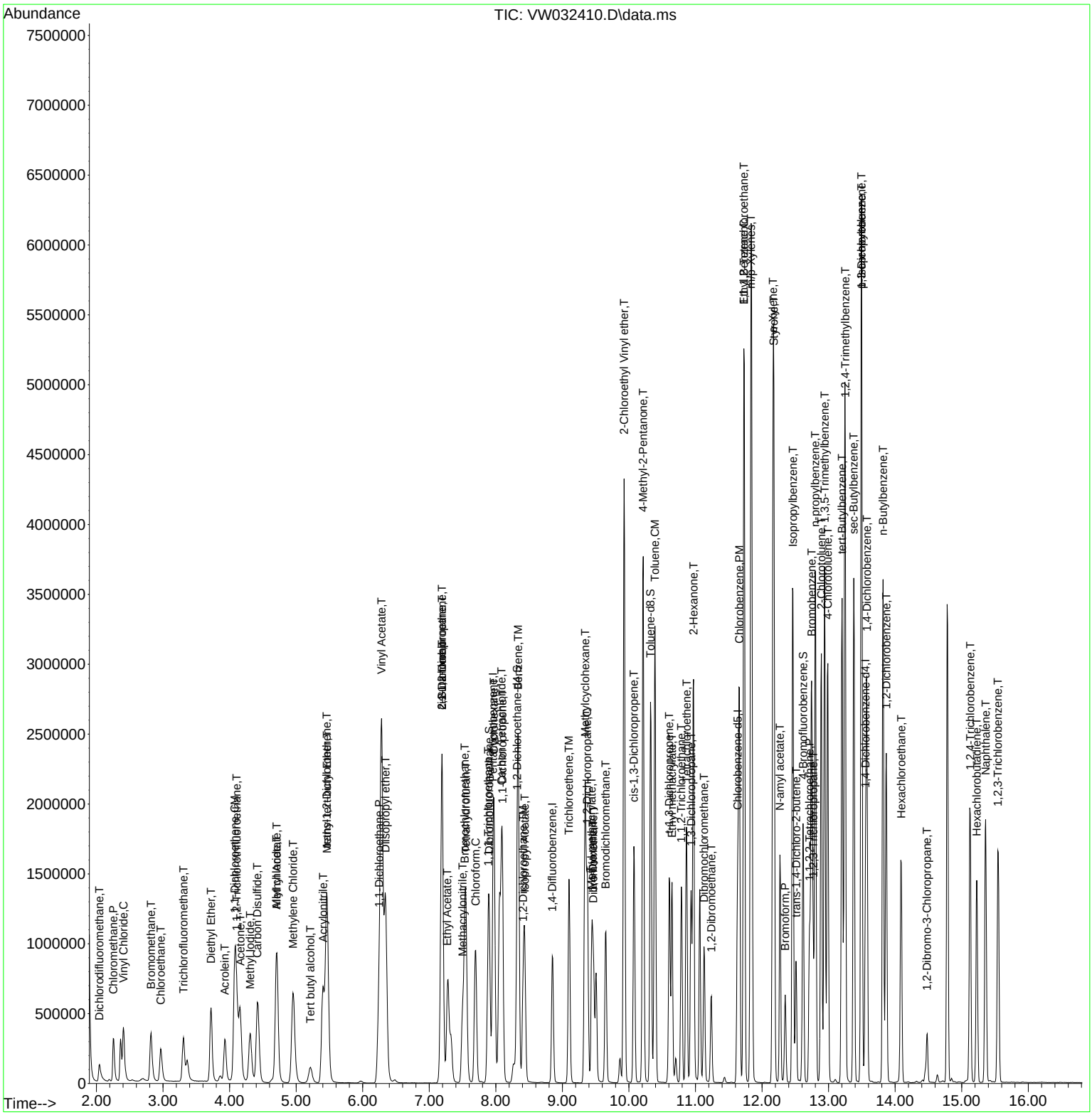
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032410.D
Acq On : 10 Nov 2025 16:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

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

ICAL Form

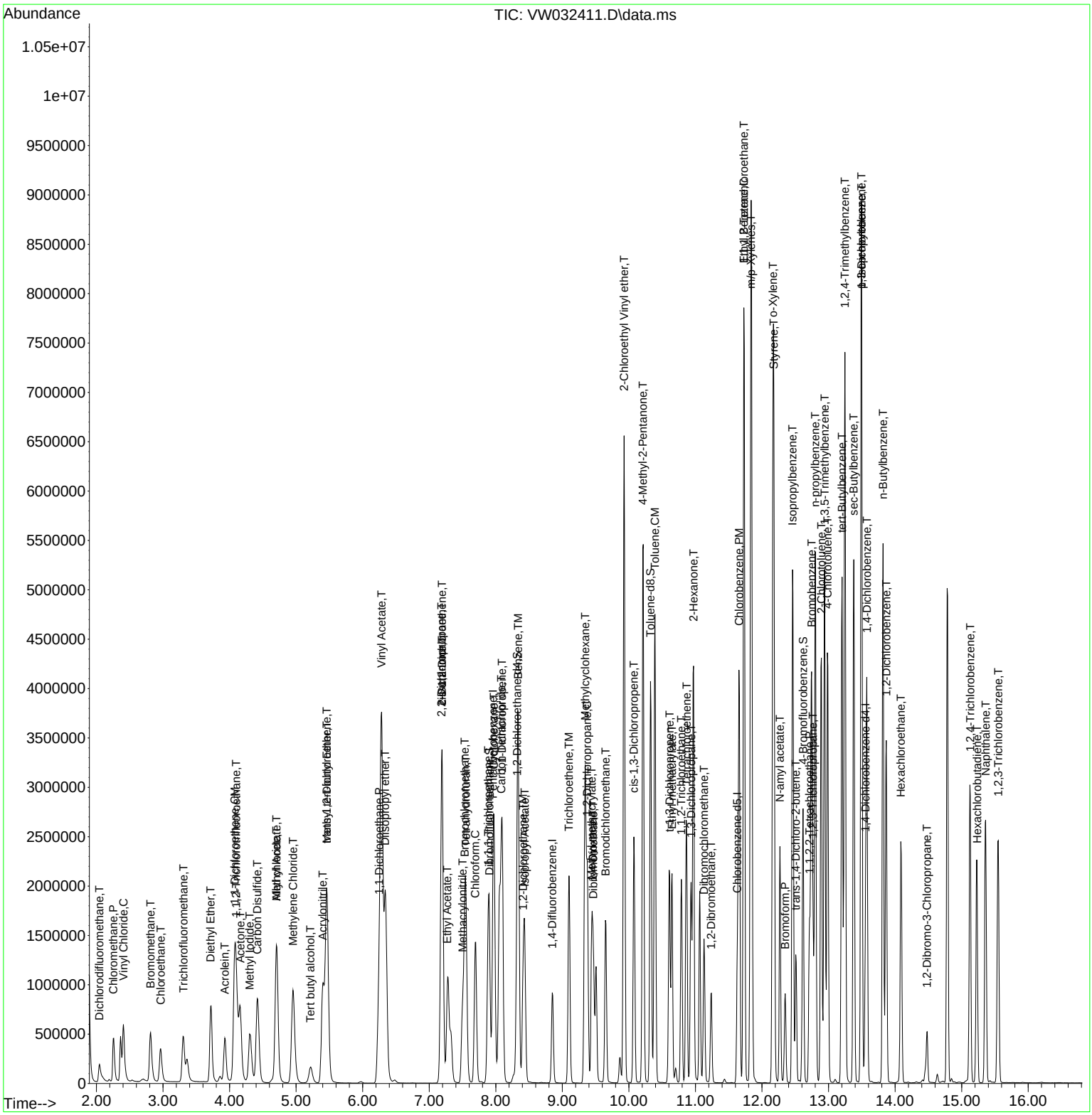
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032411.D
Acq On : 10 Nov 2025 17:00
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

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

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

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

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

ICAL Form

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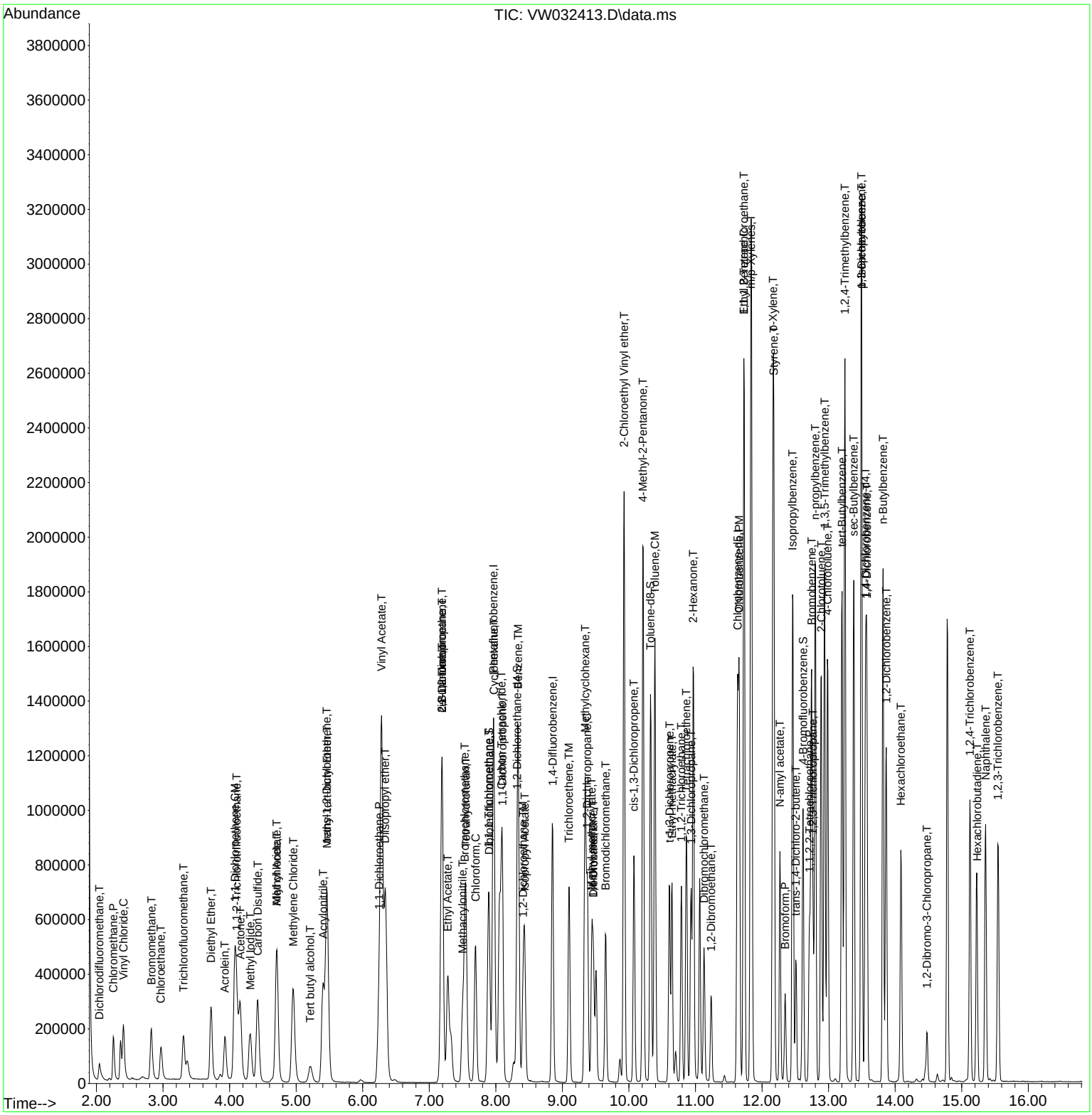
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

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

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

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

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

Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW111025

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

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

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

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

Raw Data: **VW032536.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ROMA02
Lab Code: ACE
SDG No.: Q3604
Instrument ID: MSVOA_W
Calibration Date/Time: 11/26/2025 12:05
Lab File ID: VW032536.D
Init. Calib. Date(s): 11/10/2025 11/10/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 15:11 17:00
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.254	0.283		11.42	20
Chloromethane	0.435	0.490	0.1	12.64	20
Vinyl Chloride	0.549	0.631		14.94	20
Bromomethane	0.367	0.414		12.81	20
Chloroethane	0.359	0.408		13.65	20
Trichlorofluoromethane	0.430	0.460		6.98	20
1,1,2-Trichlorotrifluoroethane	0.469	0.567		20.9	20
1,1-Dichloroethene	0.537	0.621		15.64	20
Acetone	0.193	0.201		4.14	20
Carbon Disulfide	1.588	1.704		7.3	20
Methyl tert-butyl Ether	1.133	1.192		5.21	20
Methyl Acetate	0.478	0.580		21.34	20
Methylene Chloride	0.690	0.732		6.09	20
trans-1,2-Dichloroethene	0.615	0.683		11.06	20
1,1-Dichloroethane	1.153	1.330	0.1	15.35	20
Cyclohexane	1.066	1.138		6.75	20
2-Butanone	0.284	0.286		0.7	20
Carbon Tetrachloride	0.392	0.484		23.47	20
cis-1,2-Dichloroethene	0.734	0.805		9.67	20
Bromochloromethane	0.545	0.594		8.99	20
Chloroform	1.129	1.341		18.78	20
1,1,1-Trichloroethane	0.806	0.936		16.13	20
Methylcyclohexane	0.571	0.644		12.78	20
Benzene	1.420	1.626		14.51	20
1,2-Dichloroethane	0.417	0.508		21.82	20
Trichloroethene	0.331	0.364		9.97	20
1,2-Dichloropropane	0.354	0.416		17.51	20
Bromodichloromethane	0.471	0.565		19.96	20
4-Methyl-2-Pentanone	0.321	0.368		14.64	20
Toluene	0.877	1.020		16.31	20
t-1,3-Dichloropropene	0.486	0.552		13.58	20
cis-1,3-Dichloropropene	0.562	0.646		14.95	20
1,1,2-Trichloroethane	0.284	0.318		11.97	20
2-Hexanone	0.235	0.258		9.79	20
Dibromochloromethane	0.317	0.368		16.09	20
1,2-Dibromoethane	0.276	0.308		11.59	20
Tetrachloroethene	0.296	0.333		12.5	20
Chlorobenzene	1.078	1.161	0.3	7.7	20

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

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: ROMA02
Lab Code: ACE
SDG No.: Q3604
Instrument ID: MSVOA_W
Calibration Date/Time: 11/26/2025 12:05
Lab File ID: VW032536.D
Init. Calib. Date(s): 11/10/2025 11/10/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 15:11 17:00
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	2.114		13.35	20
m/p-Xylenes	0.700	0.773		10.43	20
o-Xylene	0.670	0.743		10.9	20
Styrene	1.153	1.319		14.4	20
Bromoform	0.198	0.210	0.1	6.06	20
Isopropylbenzene	3.672	3.918		6.7	20
1,1,2,2-Tetrachloroethane	0.871	0.907	0.3	4.13	20
1,3-Dichlorobenzene	1.648	1.840		11.65	20
1,4-Dichlorobenzene	1.689	1.772		4.91	20
1,2-Dichlorobenzene	1.513	1.619		7.01	20
1,2-Dibromo-3-Chloropropane	0.150	0.151		0.67	20
1,2,4-Trichlorobenzene	0.963	0.967		0.41	20
1,2,3-Trichlorobenzene	0.874	0.916		4.8	20
1,2-Dichloroethane-d4	0.645	0.717		11.16	20
Dibromofluoromethane	0.299	0.323		8.03	20
Toluene-d8	1.148	1.231		7.23	20
4-Bromofluorobenzene	0.434	0.460		5.99	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
12/01/2025
Supervised By :Mahesh Dadoda
12/01/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.959	168	353885	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	632151	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.629	117	586351	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	285431	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.319	65	253656	55.597 ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.200%		
35) Dibromofluoromethane	7.898	113	204103	53.926 ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.860%		
50) Toluene-d8	10.324	98	777892	53.574 ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.140%		
62) 4-Bromofluorobenzene	12.617	95	290681	52.995 ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 106.000%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.039	85	100134	55.770 ug/l	97
3) Chloromethane	2.253	50	173312	56.315 ug/l	97
4) Vinyl Chloride	2.405	62	223388	57.514 ug/l	99
5) Bromomethane	2.826	94	146647	56.444 ug/l	99
6) Chloroethane	2.966	64	144375	56.815 ug/l	100
7) Trichlorofluoromethane	3.301	101	162899	53.494 ug/l	94
8) Diethyl Ether	3.722	74	134377	53.973 ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	200808	60.535 ug/l	97
10) Methyl Iodide	4.301	142	280410	52.484 ug/l	98
11) Tert butyl alcohol	5.215	59	90242	228.743 ug/l	99
12) 1,1-Dichloroethene	4.069	96	219663	57.749 ug/l	92
13) Acrolein	3.929	56	71634	108.222 ug/l	99
14) Allyl chloride	4.703	41	405679	55.460 ug/l	95
15) Acrylonitrile	5.398	53	381262	264.854 ug/l	99
16) Acetone	4.155	43	356355	261.073 ug/l	97
17) Carbon Disulfide	4.417	76	603023	53.638 ug/l	97
18) Methyl Acetate	4.703	43	205179	60.702 ug/l	99
19) Methyl tert-butyl Ether	5.459	73	421796	52.605 ug/l	99
20) Methylene Chloride	4.947	84	259171	53.093 ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	241695	55.570 ug/l	97
22) Diisopropyl ether	6.337	45	838393	56.293 ug/l	97
23) Vinyl Acetate	6.276	43	2809322	275.320 ug/l	98
24) 1,1-Dichloroethane	6.240	63	470680	57.683 ug/l	98
25) 2-Butanone	7.191	43	506744	251.994 ug/l	99
26) 2,2-Dichloropropane	7.179	77	252133	55.444 ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	284842	54.809 ug/l	96
28) Bromochloromethane	7.532	49	210332	54.538 ug/l	94
29) Tetrahydrofuran	7.550	42	339596	266.067 ug/l	98
30) Chloroform	7.691	83	474613	59.416 ug/l	99
31) Cyclohexane	7.965	56	402758	53.360 ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	331155	58.032 ug/l	97
36) 1,1-Dichloropropene	8.093	75	329519	59.090 ug/l	98
37) Ethyl Acetate	7.270	43	228169	55.024 ug/l	98
38) Carbon Tetrachloride	8.081	117	305909	61.737 ug/l	90
39) Methylcyclohexane	9.337	83	406914	56.326 ug/l	93
40) Benzene	8.337	78	1027690	57.226 ug/l	99

Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
12/01/2025
Supervised By :Mahesh Dadoda
12/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	118366	51.962	ug/l		98
42) 1,2-Dichloroethane	8.410	62	321088	60.870	ug/l		97
43) Isopropyl Acetate	8.434	43	404559	55.098	ug/l		99
44) Trichloroethene	9.099	130	230022	55.044	ug/l		98
45) 1,2-Dichloropropane	9.373	63	262731	58.754	ug/l		99
46) Dibromomethane	9.465	93	151373	57.928	ug/l		99
47) Bromodichloromethane	9.648	83	357194	59.924	ug/l		93
48) Methyl methacrylate	9.440	41	203688	58.378	ug/l		97
49) 1,4-Dioxane	9.459	88	38085	1040.386	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.208	43	1162333	286.349	ug/l		98
52) Toluene	10.385	92	644751	58.124	ug/l		99
53) t-1,3-Dichloropropene	10.605	75	348787	56.816	ug/l		96
54) cis-1,3-Dichloropropene	10.074	75	408430	57.532	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	200992	56.068	ug/l		98
56) Ethyl methacrylate	10.647	69	302586	55.013	ug/l		97
57) 1,3-Dichloropropane	10.934	76	369138	57.655	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	786217	268.411	ug/l		99
59) 2-Hexanone	10.964	43	814669	274.316	ug/l		97
60) Dibromochloromethane	11.129	129	232841	58.163	ug/l		100
61) 1,2-Dibromoethane	11.233	107	194929	55.830	ug/l		100
64) Tetrachloroethene	10.861	164	195430	56.283	ug/l	#	83
65) Chlorobenzene	11.659	112	680746	53.865	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.726	131	215135	55.005	ug/l		98
67) Ethyl Benzene	11.726	91	1239569	56.686	ug/l		100
68) m/p-Xylenes	11.836	106	906489	110.409	ug/l		96
69) o-Xylene	12.165	106	435488	55.396	ug/l		99
70) Styrene	12.178	104	773278	57.181	ug/l		99
71) Bromoform	12.348	173	122869	53.038	ug/l	#	100
73) Isopropylbenzene	12.458	105	1118323	53.347	ug/l		98
74) N-amyl acetate	12.269	43	369695	50.751	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	258804	52.021	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	186218m	47.581	ug/l		
77) Bromobenzene	12.745	156	258573	52.097	ug/l		96
78) n-propylbenzene	12.799	91	1416555	55.488	ug/l		98
79) 2-Chlorotoluene	12.885	91	846639	54.326	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	964429	55.765	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	87439	51.172	ug/l		94
82) 4-Chlorotoluene	12.982	91	864480	53.333	ug/l		99
83) tert-Butylbenzene	13.202	119	792168	52.655	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	952843	54.168	ug/l		99
85) sec-Butylbenzene	13.379	105	1193114	53.250	ug/l		99
86) p-Isopropyltoluene	13.494	119	976186	52.768	ug/l		99
87) 1,3-Dichlorobenzene	13.494	146	525128	55.803	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	505802	52.465	ug/l		99
89) n-Butylbenzene	13.818	91	984921	54.495	ug/l		99
90) Hexachloroethane	14.086	117	176857	53.023	ug/l		95
91) 1,2-Dichlorobenzene	13.866	146	462168	53.501	ug/l		92
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43093	50.280	ug/l		94
93) 1,2,4-Trichlorobenzene	15.128	180	276099	50.225	ug/l		98
94) Hexachlorobutadiene	15.226	225	119925	52.517	ug/l		97
95) Naphthalene	15.360	128	657110	47.934	ug/l		100
96) 1,2,3-Trichlorobenzene	15.543	180	261370	52.370	ug/l		93

Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
12/01/2025
Supervised By :Mahesh Dadoda
12/01/2025

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\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

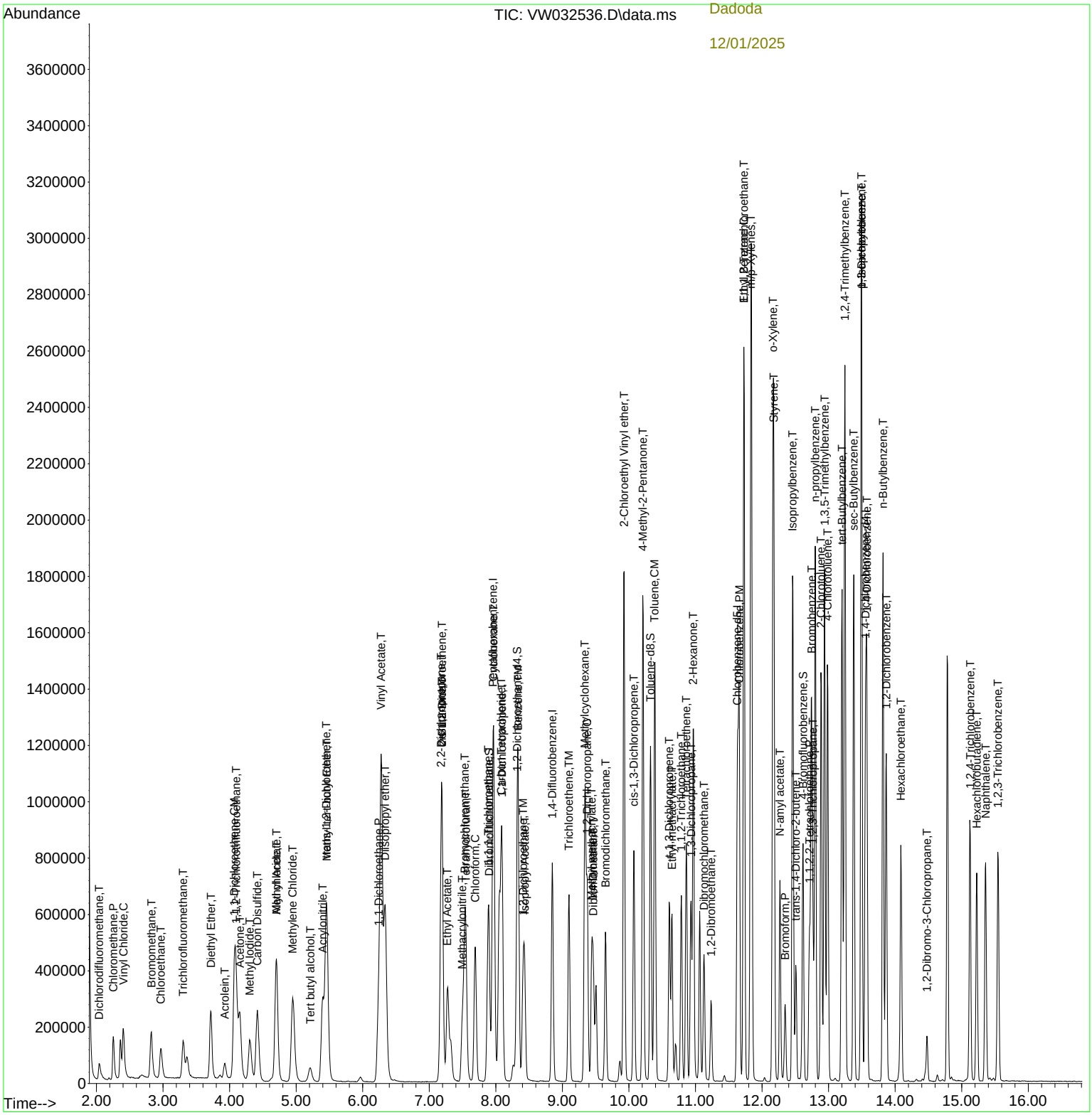
Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

12/01/2025

Supervised By :Mahesh Dadoda

12/01/2025



Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
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: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	75	0.00
2	T	Dichlorodifluoromethane	0.254	0.283	-11.4	85	0.00
3	P	Chloromethane	0.435	0.490	-12.6	90	0.00
4	C	Vinyl Chloride	0.549	0.631	-14.9#	88	0.00
5	T	Bromomethane	0.367	0.414	-12.8	87	0.00
6	T	Chloroethane	0.359	0.408	-13.6	86	0.00
7	T	Trichlorofluoromethane	0.430	0.460	-7.0	75	0.00
8	T	Diethyl Ether	0.352	0.380	-8.0	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.469	0.567	-20.9	91	0.00
10	T	Methyl Iodide	0.755	0.792	-4.9	80	0.00
11	T	Tert butyl alcohol	0.056	0.051	8.9	71	0.00
12	CM	1,1-Dichloroethene	0.537	0.621	-15.6#	86	-0.01
13	T	Acrolein	0.094	0.040	57.4#	34#	0.00
14	T	Allyl chloride	1.034	1.146	-10.8	82	0.00
15	T	Acrylonitrile	0.203	0.215	-5.9	79	0.00
16	T	Acetone	0.193	0.201	-4.1	81	0.00
17	T	Carbon Disulfide	1.588	1.704	-7.3	79	0.00
18	T	Methyl Acetate	0.478	0.580	-21.3	93	0.00
19	T	Methyl tert-butyl Ether	1.133	1.192	-5.2	78	0.00
20	T	Methylene Chloride	0.690	0.732	-6.1	86	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.683	-11.1	85	-0.01
22	T	Diisopropyl ether	2.104	2.369	-12.6	85	0.00
23	T	Vinyl Acetate	1.442	1.588	-10.1	81	0.00
24	P	1,1-Dichloroethane	1.153	1.330	-15.4	87	0.00
25	T	2-Butanone	0.284	0.286	-0.7	76	0.00
26	T	2,2-Dichloropropane	0.643	0.712	-10.7	86	0.00
27	T	cis-1,2-Dichloroethene	0.734	0.805	-9.7	82	0.00
28	T	Bromochloromethane	0.545	0.594	-9.0	88	0.00
29	T	Tetrahydrofuran	0.180	0.192	-6.7	79	0.00
30	C	Chloroform	1.129	1.341	-18.8#	90	0.00
31	T	Cyclohexane	1.066	1.138	-6.8	83	0.00
32	T	1,1,1-Trichloroethane	0.806	0.936	-16.1	86	0.00
33	S	1,2-Dichloroethane-d4	0.645	0.717	-11.2	88	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
35	S	Dibromofluoromethane	0.299	0.323	-8.0	85	0.00
36	T	1,1-Dichloropropene	0.441	0.521	-18.1	86	0.00
37	T	Ethyl Acetate	0.328	0.361	-10.1	81	0.00
38	T	Carbon Tetrachloride	0.392	0.484	-23.5	91	0.00
39	T	Methylcyclohexane	0.571	0.644	-12.8	81	0.00
40	TM	Benzene	1.420	1.626	-14.5	85	0.00
41	T	Methacrylonitrile	0.180	0.187	-3.9	75	0.00
42	TM	1,2-Dichloroethane	0.417	0.508	-21.8	91	0.00
43	T	Isopropyl Acetate	0.581	0.640	-10.2	80	0.00
44	TM	Trichloroethene	0.331	0.364	-10.0	82	0.00
45	C	1,2-Dichloropropane	0.354	0.416	-17.5#	88	0.00
46	T	Dibromomethane	0.207	0.239	-15.5	85	0.00
47	T	Bromodichloromethane	0.471	0.565	-20.0	88	0.00
48	T	Methyl methacrylate	0.276	0.322	-16.7	80	0.00

Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
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: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	74	0.00
50	S	Toluene-d8	1.148	1.231	-7.2	82	0.00
51	T	4-Methyl-2-Pentanone	0.321	0.368	-14.6	82	0.00
52	CM	Toluene	0.877	1.020	-16.3#	86	0.00
53	T	t-1,3-Dichloropropene	0.486	0.552	-13.6	83	0.00
54	T	cis-1,3-Dichloropropene	0.562	0.646	-14.9	84	0.00
55	T	1,1,2-Trichloroethane	0.284	0.318	-12.0	82	0.00
56	T	Ethyl methacrylate	0.435	0.479	-10.1	79	0.00
57	T	1,3-Dichloropropane	0.506	0.584	-15.4	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.232	0.249	-7.3	83	0.00
59	T	2-Hexanone	0.235	0.258	-9.8	80	0.00
60	T	Dibromochloromethane	0.317	0.368	-16.1	87	0.00
61	T	1,2-Dibromoethane	0.276	0.308	-11.6	83	0.00
62	S	4-Bromofluorobenzene	0.434	0.460	-6.0	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64	T	Tetrachloroethene	0.296	0.333	-12.5	88	0.00
65	PM	Chlorobenzene	1.078	1.161	-7.7	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.334	0.367	-9.9	86	0.00
67	C	Ethyl Benzene	1.865	2.114	-13.4#	86	0.00
68	T	m/p-Xylenes	0.700	0.773	-10.4	84	0.00
69	T	o-Xylene	0.670	0.743	-10.9	87	0.00
70	T	Styrene	1.153	1.319	-14.4	87	0.00
71	P	Bromoform	0.198	0.210	-6.1	82	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	3.672	3.918	-6.7	85	0.00
74	T	N-amyl acetate	1.276	1.295	-1.5	80	0.00
75	P	1,1,2,2-Tetrachloroethane	0.871	0.907	-4.1	84	0.00
76	T	1,2,3-Trichloropropane	0.686	0.652	5.0	84	0.00
77	T	Bromobenzene	0.869	0.906	-4.3	83	0.00
78	T	n-propylbenzene	4.472	4.963	-11.0	89	0.00
79	T	2-Chlorotoluene	2.730	2.966	-8.6	89	0.00
80	T	1,3,5-Trimethylbenzene	3.030	3.379	-11.5	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.299	0.306	-2.3	81	0.00
82	T	4-Chlorotoluene	2.839	3.029	-6.7	87	0.00
83	T	tert-Butylbenzene	2.635	2.775	-5.3	83	0.00
84	T	1,2,4-Trimethylbenzene	3.081	3.338	-8.3	88	0.00
85	T	sec-Butylbenzene	3.925	4.180	-6.5	86	0.00
86	T	p-Isopropyltoluene	3.241	3.420	-5.5	86	0.00
87	T	1,3-Dichlorobenzene	1.648	1.840	-11.7	92	0.00
88	T	1,4-Dichlorobenzene	1.689	1.772	-4.9	86	0.00
89	T	n-Butylbenzene	3.166	3.451	-9.0	88	0.00
90	T	Hexachloroethane	0.584	0.620	-6.2	86	0.00
91	T	1,2-Dichlorobenzene	1.513	1.619	-7.0	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.150	0.151	-0.7	82	0.00
93	T	1,2,4-Trichlorobenzene	0.963	0.967	-0.4	81	0.00
94	T	Hexachlorobutadiene	0.400	0.420	-5.0	86	0.00
95	T	Naphthalene	2.401	2.302	4.1	77	0.00

Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
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: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.916	-4.8	88	0.00

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

Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
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: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	75	0.00
2	T	Dichlorodifluoromethane	50.000	55.770	-11.5	85	0.00
3	P	Chloromethane	50.000	56.315	-12.6	90	0.00
4	C	Vinyl Chloride	50.000	57.514	-15.0#	88	0.00
5	T	Bromomethane	50.000	56.444	-12.9	87	0.00
6	T	Chloroethane	50.000	56.815	-13.6	86	0.00
7	T	Trichlorofluoromethane	50.000	53.494	-7.0	75	0.00
8	T	Diethyl Ether	50.000	53.973	-7.9	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	60.535	-21.1	91	0.00
10	T	Methyl Iodide	50.000	52.484	-5.0	80	0.00
11	T	Tert butyl alcohol	250.000	228.743	8.5	71	0.00
12	CM	1,1-Dichloroethene	50.000	57.749	-15.5#	86	-0.01
13	T	Acrolein	250.000	108.222	56.7#	34	0.00
14	T	Allyl chloride	50.000	55.460	-10.9	82	0.00
15	T	Acrylonitrile	250.000	264.854	-5.9	79	0.00
16	T	Acetone	250.000	261.073	-4.4	81	0.00
17	T	Carbon Disulfide	50.000	53.638	-7.3	79	0.00
18	T	Methyl Acetate	50.000	60.702	-21.4	93	0.00
19	T	Methyl tert-butyl Ether	50.000	52.605	-5.2	78	0.00
20	T	Methylene Chloride	50.000	53.093	-6.2	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.570	-11.1	85	-0.01
22	T	Diisopropyl ether	50.000	56.293	-12.6	85	0.00
23	T	Vinyl Acetate	250.000	275.320	-10.1	81	0.00
24	P	1,1-Dichloroethane	50.000	57.683	-15.4	87	0.00
25	T	2-Butanone	250.000	251.994	-0.8	76	0.00
26	T	2,2-Dichloropropane	50.000	55.444	-10.9	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.809	-9.6	82	0.00
28	T	Bromochloromethane	50.000	54.538	-9.1	88	0.00
29	T	Tetrahydrofuran	250.000	266.067	-6.4	79	0.00
30	C	Chloroform	50.000	59.416	-18.8#	90	0.00
31	T	Cyclohexane	50.000	53.360	-6.7	83	0.00
32	T	1,1,1-Trichloroethane	50.000	58.032	-16.1	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.597	-11.2	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	53.926	-7.9	85	0.00
36	T	1,1-Dichloropropene	50.000	59.090	-18.2	86	0.00
37	T	Ethyl Acetate	50.000	55.024	-10.0	81	0.00
38	T	Carbon Tetrachloride	50.000	61.737	-23.5	91	0.00
39	T	Methylcyclohexane	50.000	56.326	-12.7	81	0.00
40	TM	Benzene	50.000	57.226	-14.5	85	0.00
41	T	Methacrylonitrile	50.000	51.962	-3.9	75	0.00
42	TM	1,2-Dichloroethane	50.000	60.870	-21.7	91	0.00
43	T	Isopropyl Acetate	50.000	55.098	-10.2	80	0.00
44	TM	Trichloroethene	50.000	55.044	-10.1	82	0.00
45	C	1,2-Dichloropropane	50.000	58.754	-17.5#	88	0.00
46	T	Dibromomethane	50.000	57.928	-15.9	85	0.00
47	T	Bromodichloromethane	50.000	59.924	-19.8	88	0.00
48	T	Methyl methacrylate	50.000	58.378	-16.8	80	0.00

Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
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: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1040.386	-4.0	74	0.00
50	S	Toluene-d8	50.000	53.574	-7.1	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	286.349	-14.5	82	0.00
52	CM	Toluene	50.000	58.124	-16.2#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	56.816	-13.6	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.532	-15.1	84	0.00
55	T	1,1,2-Trichloroethane	50.000	56.068	-12.1	82	0.00
56	T	Ethyl methacrylate	50.000	55.013	-10.0	79	0.00
57	T	1,3-Dichloropropane	50.000	57.655	-15.3	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.411	-7.4	83	0.00
59	T	2-Hexanone	250.000	274.316	-9.7	80	0.00
60	T	Dibromochloromethane	50.000	58.163	-16.3	87	0.00
61	T	1,2-Dibromoethane	50.000	55.830	-11.7	83	0.00
62	S	4-Bromofluorobenzene	50.000	52.995	-6.0	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	56.283	-12.6	88	0.00
65	PM	Chlorobenzene	50.000	53.865	-7.7	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.005	-10.0	86	0.00
67	C	Ethyl Benzene	50.000	56.686	-13.4#	86	0.00
68	T	m/p-Xylenes	100.000	110.409	-10.4	84	0.00
69	T	o-Xylene	50.000	55.396	-10.8	87	0.00
70	T	Styrene	50.000	57.181	-14.4	87	0.00
71	P	Bromoform	50.000	53.038	-6.1	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	53.347	-6.7	85	0.00
74	T	N-amyl acetate	50.000	50.751	-1.5	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.021	-4.0	84	0.00
76	T	1,2,3-Trichloropropane	50.000	47.581	4.8	84	0.00
77	T	Bromobenzene	50.000	52.097	-4.2	83	0.00
78	T	n-propylbenzene	50.000	55.488	-11.0	89	0.00
79	T	2-Chlorotoluene	50.000	54.326	-8.7	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.765	-11.5	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.172	-2.3	81	0.00
82	T	4-Chlorotoluene	50.000	53.333	-6.7	87	0.00
83	T	tert-Butylbenzene	50.000	52.655	-5.3	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.168	-8.3	88	0.00
85	T	sec-Butylbenzene	50.000	53.250	-6.5	86	0.00
86	T	p-Isopropyltoluene	50.000	52.768	-5.5	86	0.00
87	T	1,3-Dichlorobenzene	50.000	55.803	-11.6	92	0.00
88	T	1,4-Dichlorobenzene	50.000	52.465	-4.9	86	0.00
89	T	n-Butylbenzene	50.000	54.495	-9.0	88	0.00
90	T	Hexachloroethane	50.000	53.023	-6.0	86	0.00
91	T	1,2-Dichlorobenzene	50.000	53.501	-7.0	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.280	-0.6	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.225	-0.5	81	0.00
94	T	Hexachlorobutadiene	50.000	52.517	-5.0	86	0.00
95	T	Naphthalene	50.000	47.934	4.1	77	0.00

Sample Results: **VW032536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032536.D
Acq On : 26 Nov 2025 12:05
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: Nov 27 00:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.370	-4.7	88	0.00

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

QC SAMPLE DATA

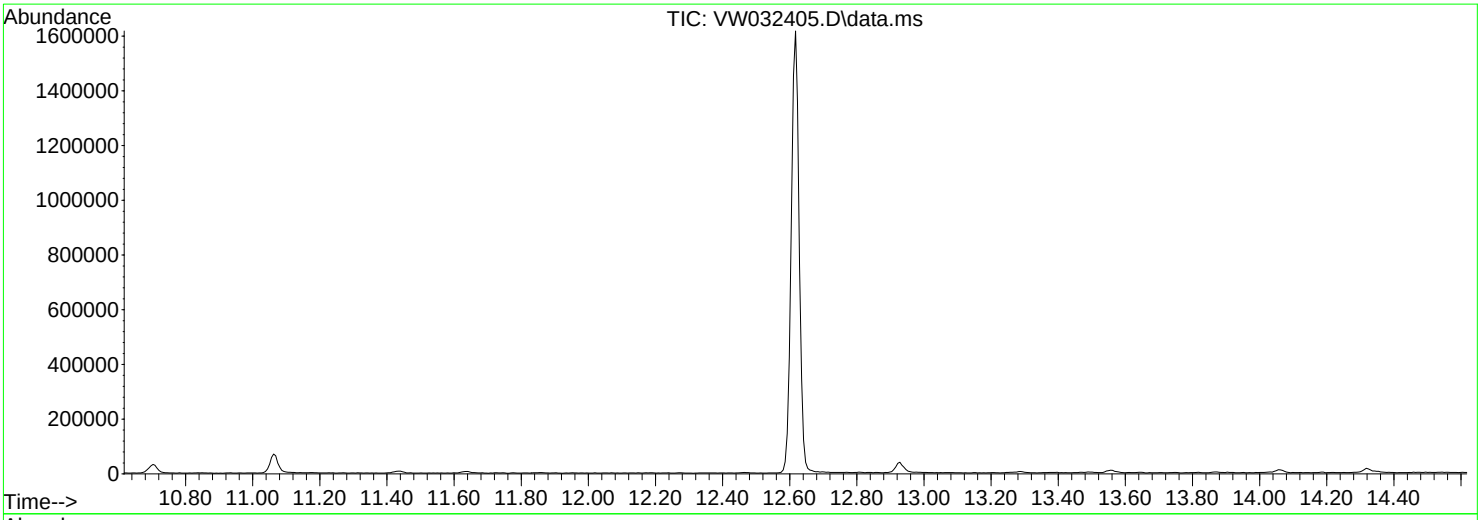
Sample Results: **VW032405.D**

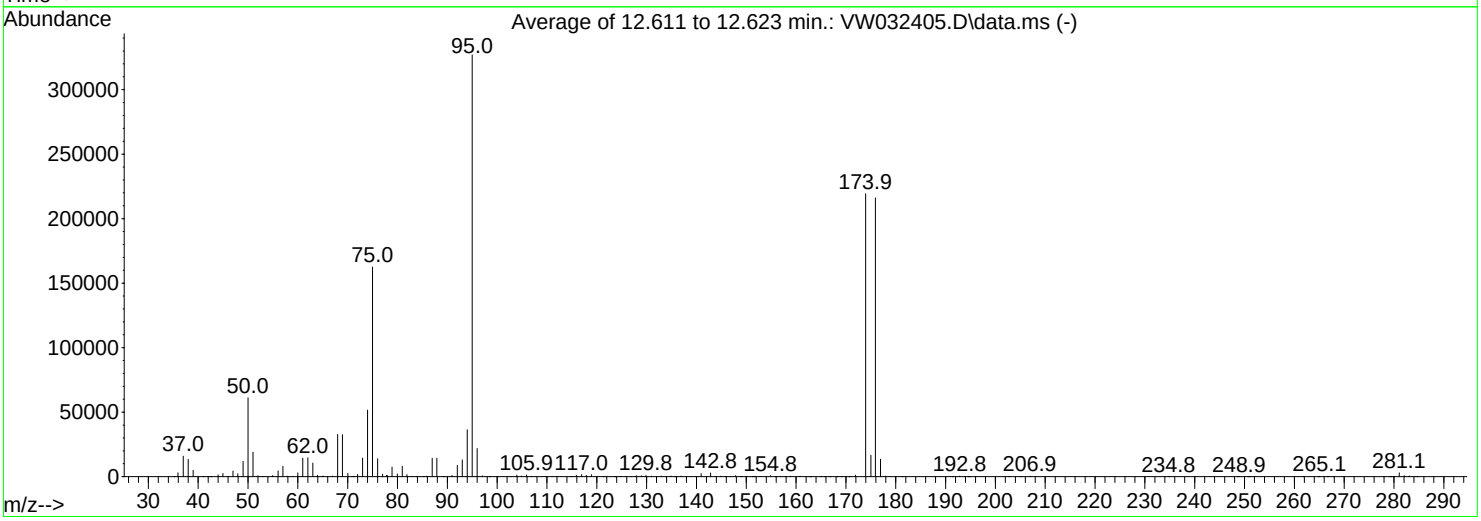
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032405.D
Acq On : 10 Nov 2025 14:20
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

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

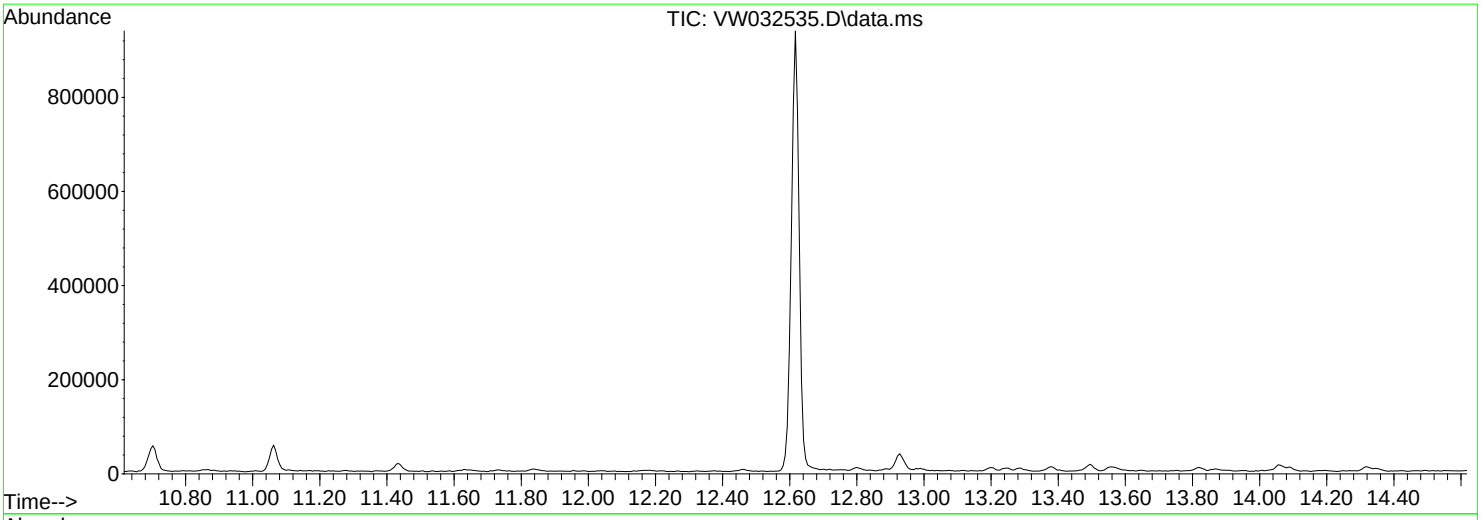
Sample Results: **VW032535.D**

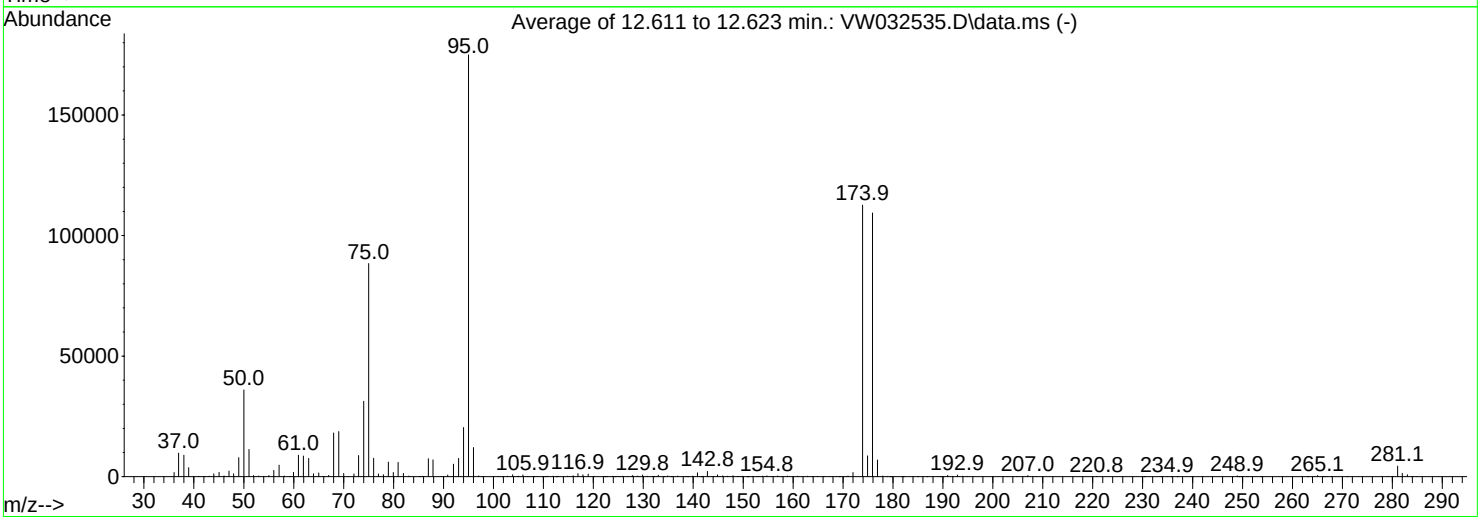
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032535.D
Acq On : 26 Nov 2025 11:05
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

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





AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1751

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	35963	PASS
75	95	30	60	50.5	88400	PASS
95	95	100	100	100.0	174976	PASS
96	95	5	9	6.9	12114	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.4	112659	PASS
175	174	5	9	7.7	8636	PASS
176	174	95	101	97.1	109392	PASS
177	176	5	9	6.3	6939	PASS

Raw Data: **VW032537.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	MCUA - New Brunswick			Date Received:	
Client Sample ID:	VW1126SBL01			SDG No.:	Q3604
Lab Sample ID:	VW1126SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/26/25 12:37	VW112625
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 12:37	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/26/25 12:37	VW112625
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/26/25 12:37	VW112625
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/26/25 12:37	VW112625
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/26/25 12:37	VW112625
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/26/25 12:37	VW112625
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/26/25 12:37	VW112625
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/26/25 12:37	VW112625
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/26/25 12:37	VW112625
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/26/25 12:37	VW112625
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/26/25 12:37	VW112625
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 12:37	VW112625
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/26/25 12:37	VW112625
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/26/25 12:37	VW112625
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 12:37	VW112625
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/26/25 12:37	VW112625
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 12:37	VW112625
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 12:37	VW112625
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	11/26/25 12:37	VW112625
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 12:37	VW112625
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/26/25 12:37	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/26/25 12:37	VW112625
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/26/25 12:37	VW112625
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	11/26/25 12:37	VW112625
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/26/25 12:37	VW112625
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/26/25 12:37	VW112625
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 12:37	VW112625
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/26/25 12:37	VW112625
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/26/25 12:37	VW112625
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/26/25 12:37	VW112625
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/26/25 12:37	VW112625
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/26/25 12:37	VW112625

Raw Data: **VW032537.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	MCUA - New Brunswick			Date Received:	
Client Sample ID:	VW1126SBL01			SDG No.:	Q3604
Lab Sample ID:	VW1126SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 12:37	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 12:37	VW112625
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/26/25 12:37	VW112625
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/26/25 12:37	VW112625
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/26/25 12:37	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/26/25 12:37	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/26/25 12:37	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	11/26/25 12:37	VW112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.0			70 (63) - 130 (155)	122%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.3			70 (70) - 130 (134)	109%	SPK: 50		
2037-26-5	Toluene-d8	49.6			70 (74) - 130 (123)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.2			70 (52) - 130 (138)	94%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	323000							
540-36-3	1,4-Difluorobenzene	616000							
3114-55-4	Chlorobenzene-d5	556000							
3855-82-1	1,4-Dichlorobenzene-d4	254000							

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\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Time: Nov 27 00:25:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

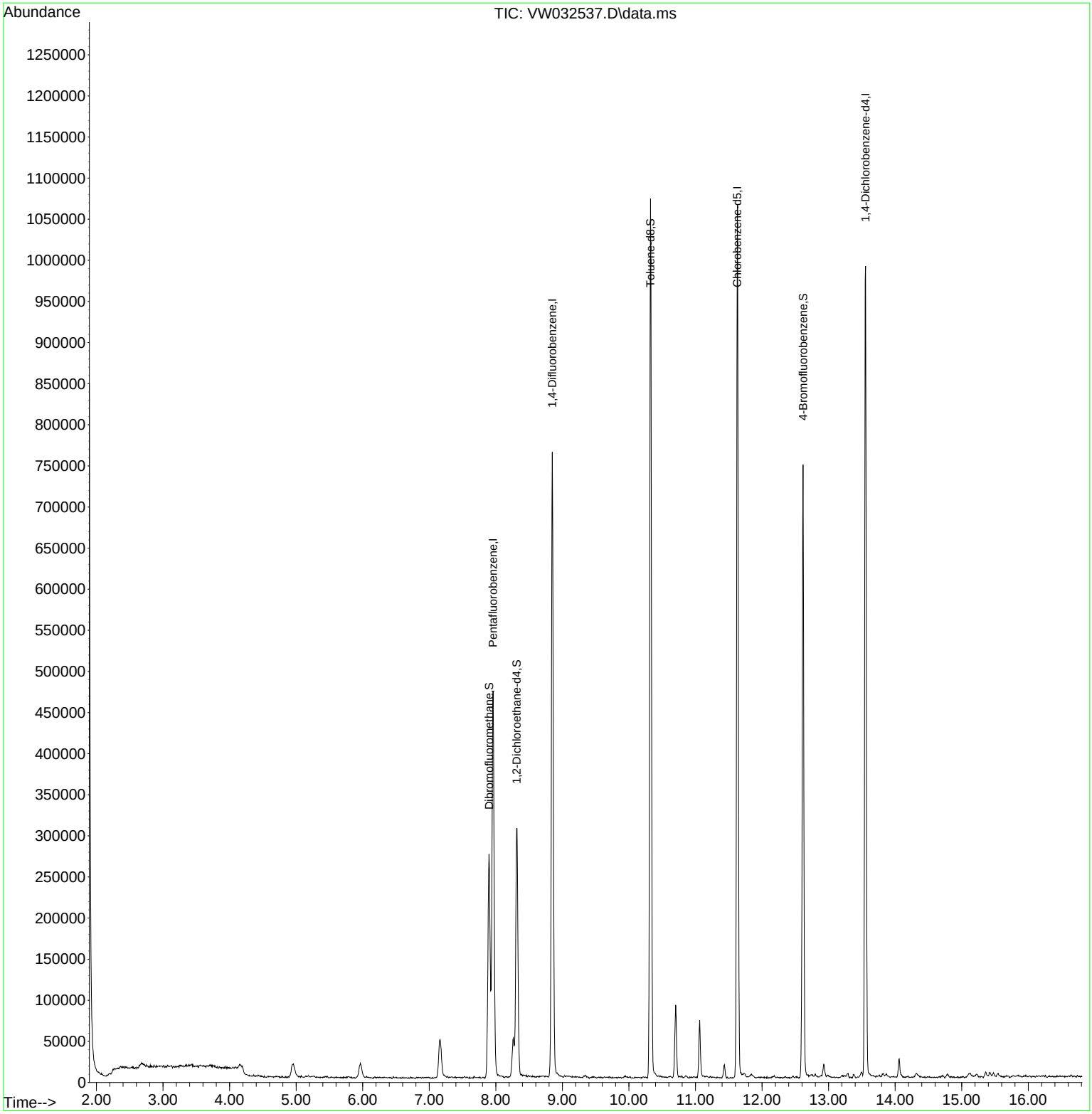
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	322545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	615508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	556062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	253776	61.028	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 122.060%			
35) Dibromofluoromethane	7.898	113	200211	54.328	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 108.660%			
50) Toluene-d8	10.325	98	700835	49.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.140%			
62) 4-Bromofluorobenzene	12.617	95	251867	47.160	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 94.320%			
Target Compounds						Qvalue

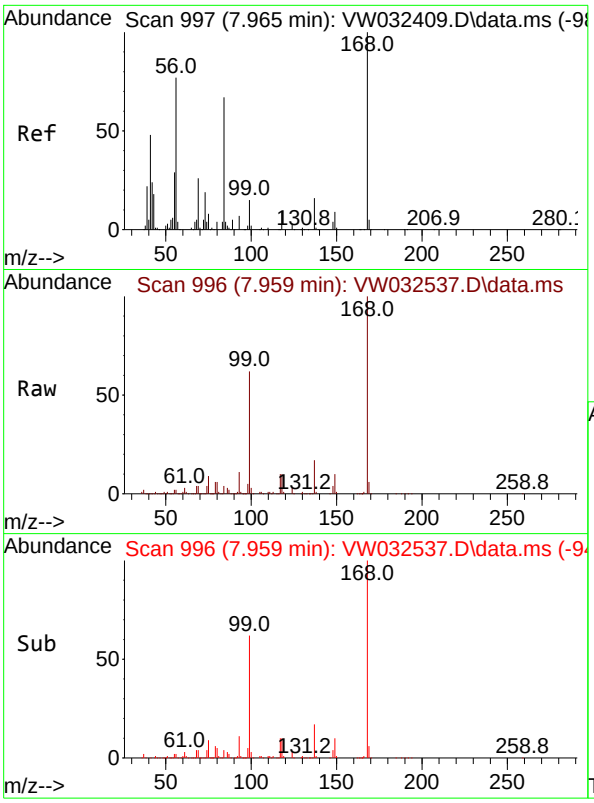
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Time: Nov 27 00:25:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



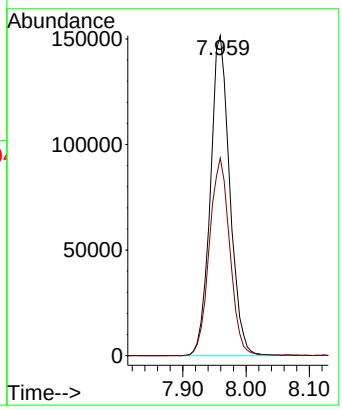


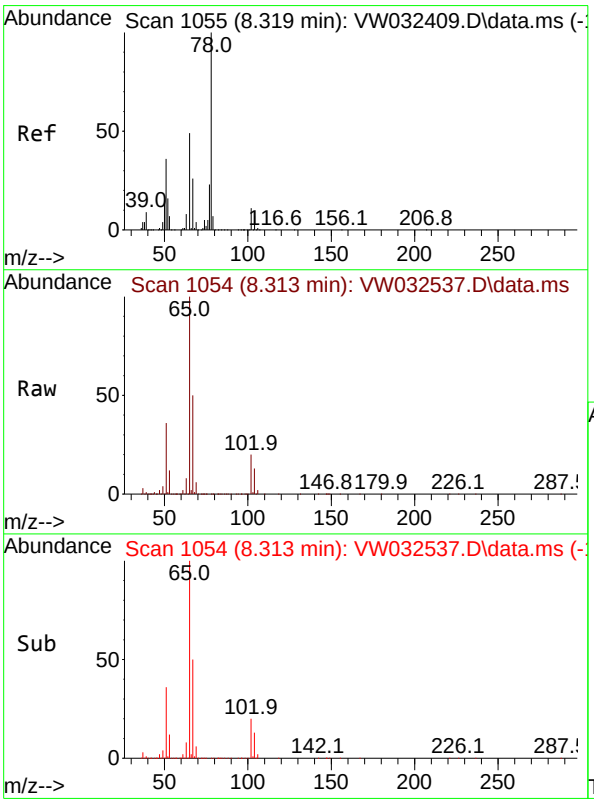
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Tgt Ion:168 Resp: 322545

Ion	Ratio	Lower	Upper
168	100		
99	61.7	45.4	68.2

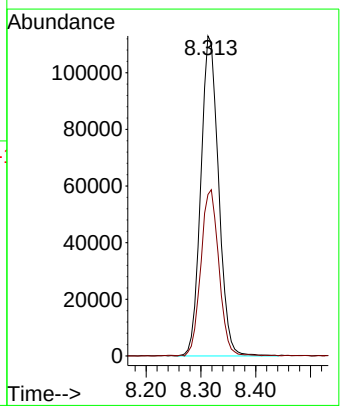


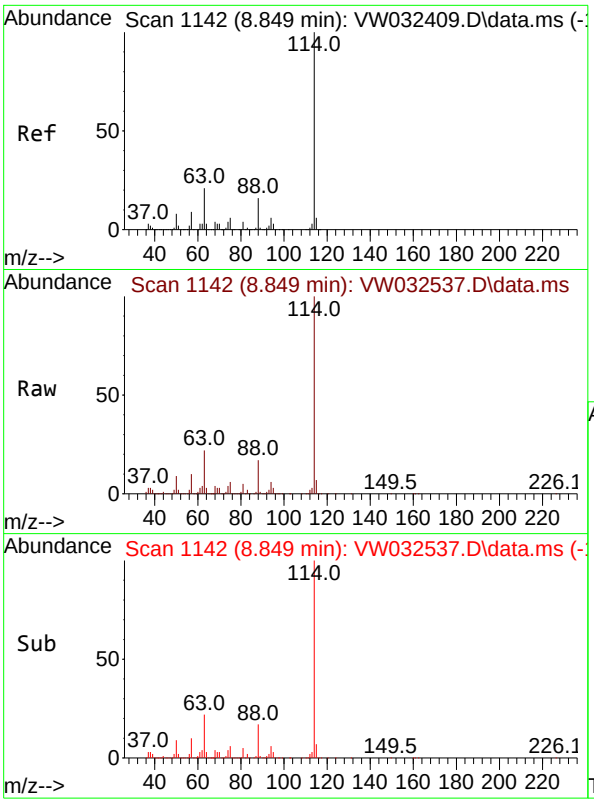


#33
1,2-Dichloroethane-d4
Concen: 61.028 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 65 Resp: 253776

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.8



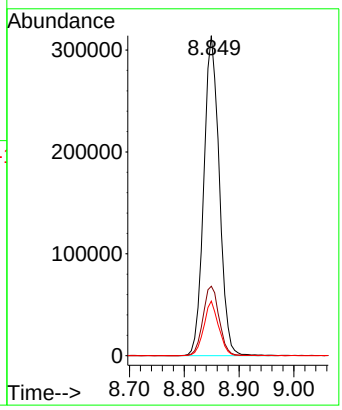


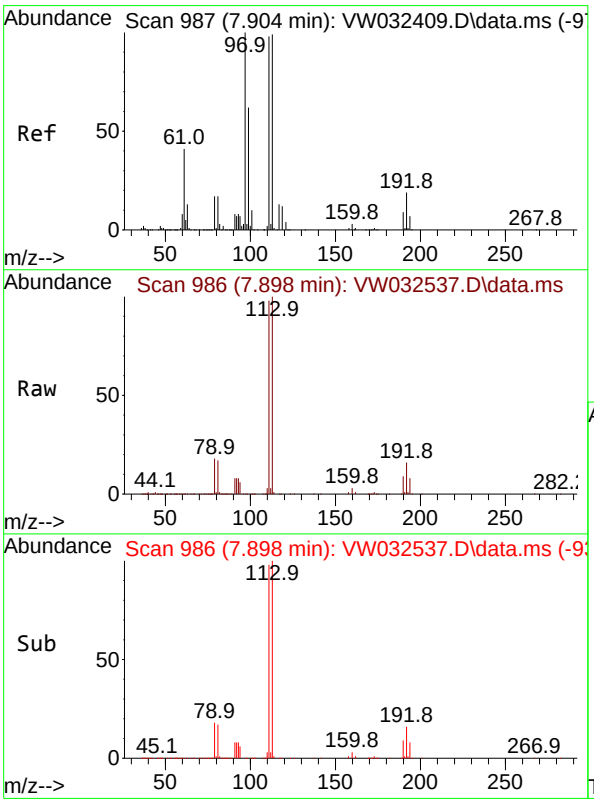
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Tgt Ion:114 Resp: 615508

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.8
88	17.1	0.0	32.6

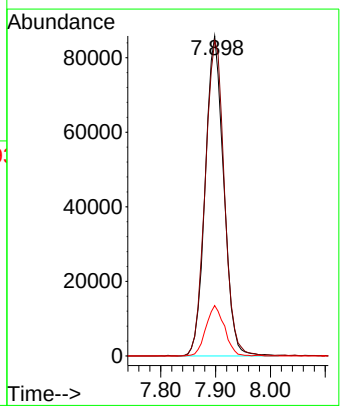


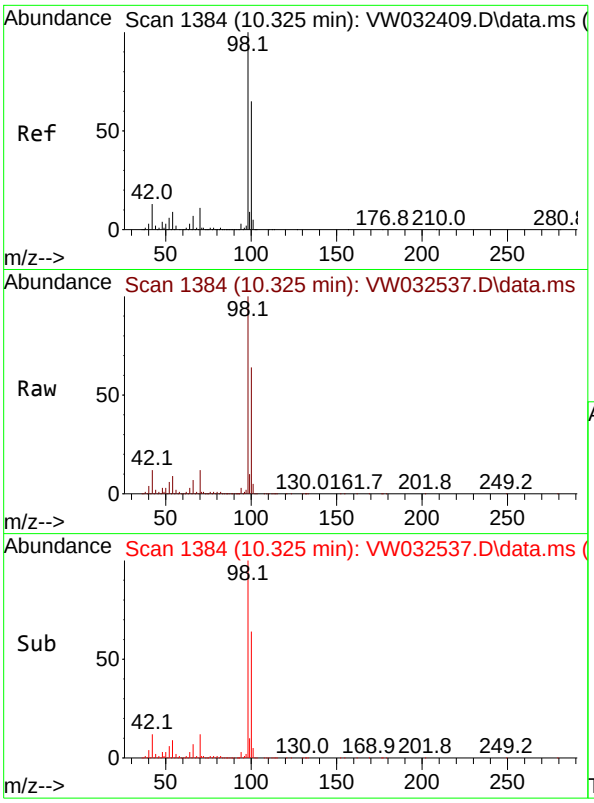


#35
Dibromofluoromethane
Concen: 54.328 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion:113 Resp: 200211

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	15.9	13.4	20.2



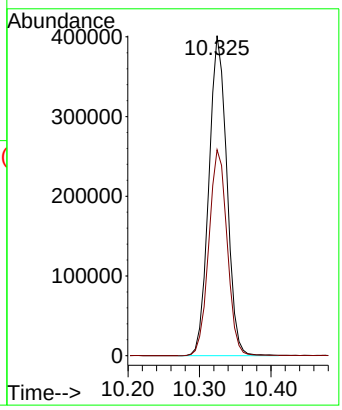


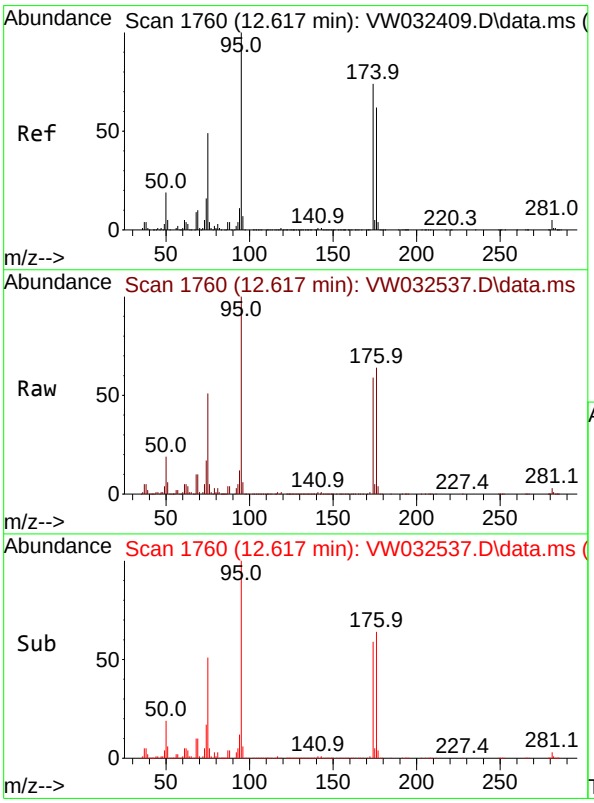
#50
Toluene-d8
Concen: 49.572 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Tgt Ion: 98 Resp: 700835

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.3	79.9

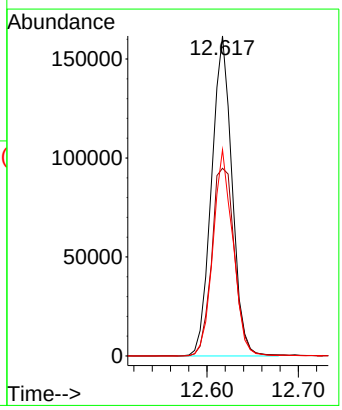


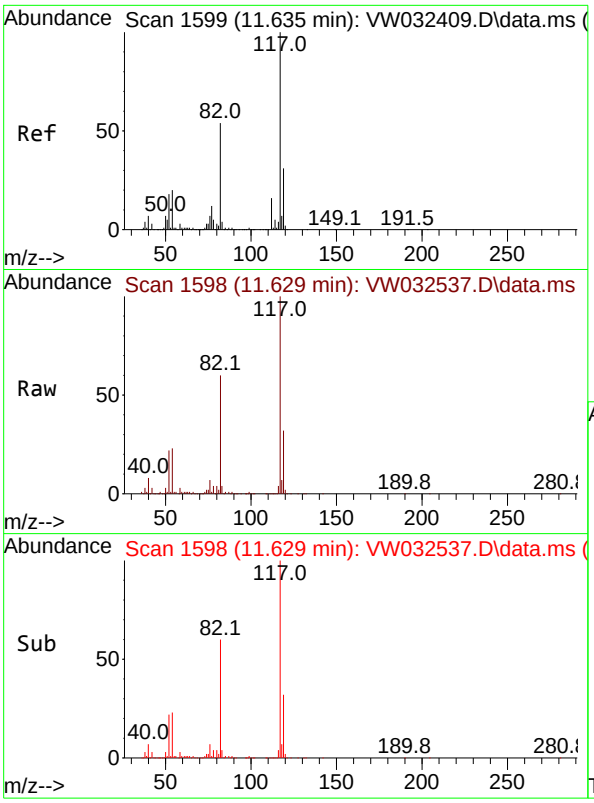


#62
4-Bromofluorobenzene
Concen: 47.160 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 95 Resp: 251867

Ion	Ratio	Lower	Upper
95	100		
174	66.2	0.0	135.4
176	62.5	0.0	131.8



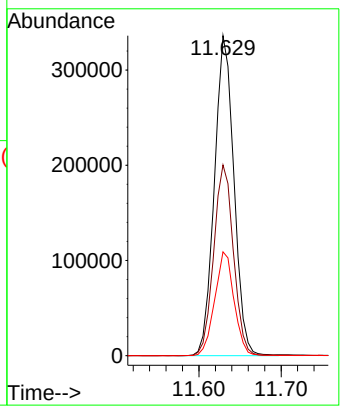


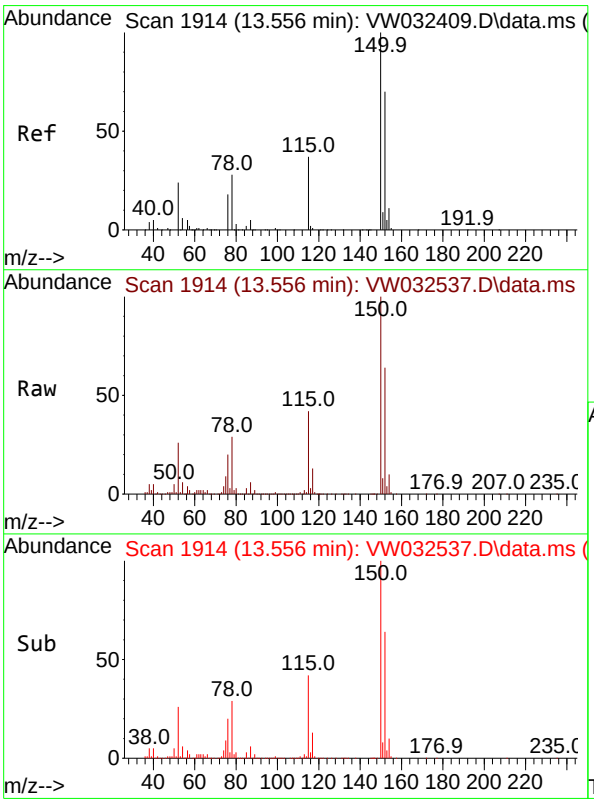
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Tgt Ion:117 Resp: 556062

Ion	Ratio	Lower	Upper
117	100		
82	59.6	43.0	64.4
119	32.4	25.0	37.6

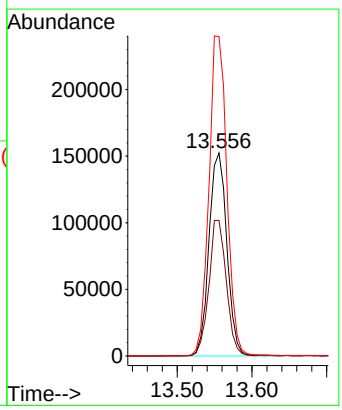




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion:152 Resp: 253580

Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.8	98.3
150	158.4	0.0	356.6



Sample Results: **VW032537.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

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\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032537.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	493	502	503	rBV2	15938	33371	1.76%	0.299%
2	5.966	657	669	680	rBV3	18261	60905	3.21%	0.546%
3	7.161	855	865	874	rBV	46523	139505	7.35%	1.250%
4	7.898	975	986	990	rBV	272874	630859	33.22%	5.654%
5	7.959	990	996	1007	rVB	467687	1056543	55.63%	9.470%
6	8.264	1036	1046	1048	rBV	47415	99243	5.23%	0.889%
7	8.313	1048	1054	1065	rVB	300596	694155	36.55%	6.222%
8	8.849	1131	1142	1152	rBV	760281	1508847	79.45%	13.524%
9	10.325	1376	1384	1394	rBV	1069554	1899139	100.00%	17.022%
10	10.703	1438	1446	1453	rBV2	88642	161627	8.51%	1.449%
11	11.062	1499	1505	1512	rBV	69832	116218	6.12%	1.042%
12	11.434	1560	1566	1571	rBV3	16324	28902	1.52%	0.259%
13	11.629	1588	1598	1609	rBV	1062223	1790366	94.27%	16.047%
14	12.617	1751	1760	1769	rBV	745828	1238802	65.23%	11.103%
15	12.928	1806	1811	1817	rVB3	15149	28224	1.49%	0.253%
16	13.556	1907	1914	1922	rVV	984478	1628457	85.75%	14.596%
17	14.062	1991	1997	2006	rVB	22618	42009	2.21%	0.377%

Sum of corrected areas: 11157172

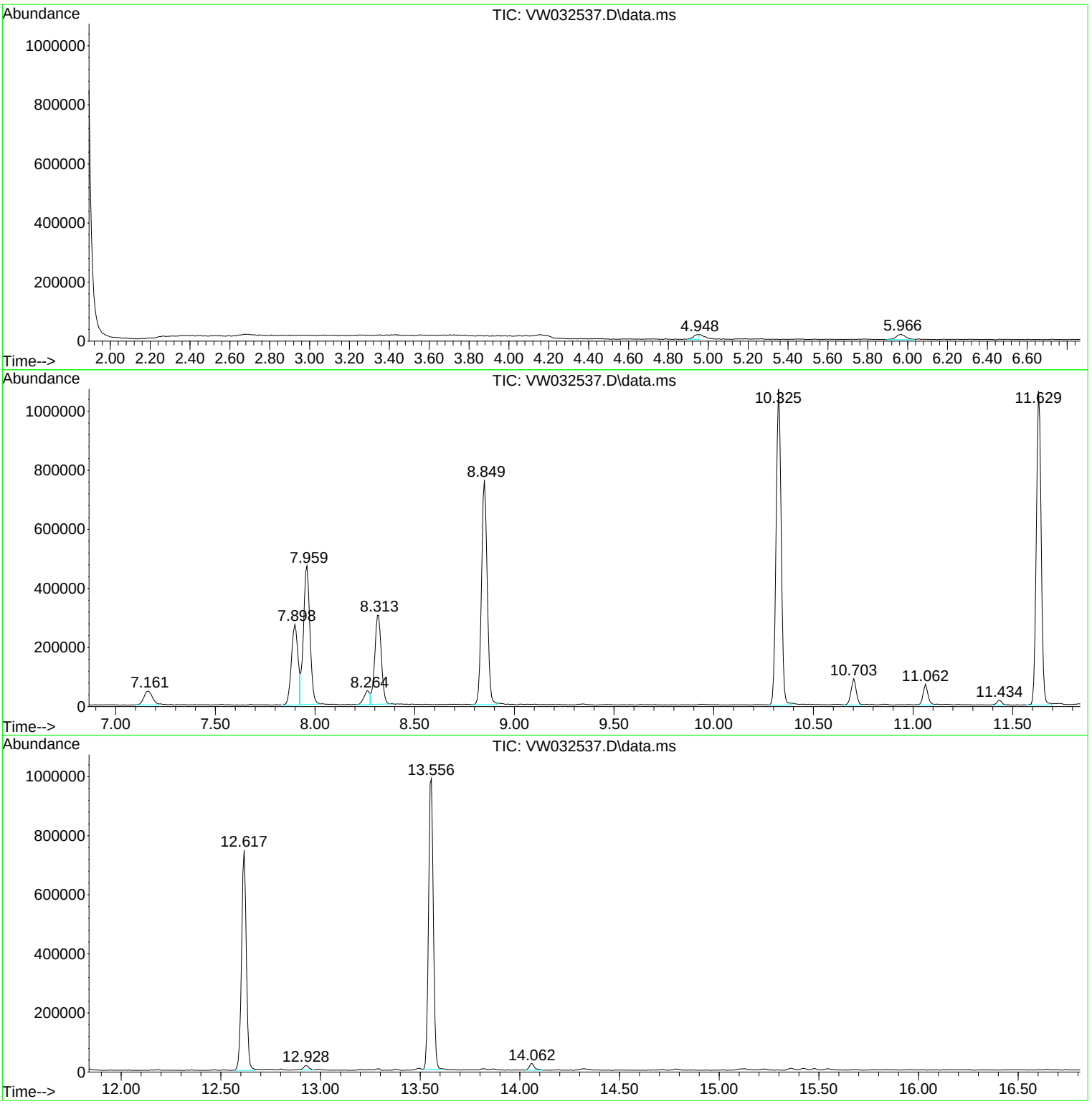
Sample Results: **VW032537.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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: **VW032538.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	MCUA - New Brunswick			Date Received:	
Client Sample ID:	VW1126SBS01			SDG No.:	Q3604
Lab Sample ID:	VW1126SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	23.9		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
74-87-3	Chloromethane	24.3		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
75-01-4	Vinyl Chloride	23.7		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
74-83-9	Bromomethane	24.4		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
75-00-3	Chloroethane	23.2		1	1.30	5.00	ug/Kg	11/26/25 13:05	VW112625
75-69-4	Trichlorofluoromethane	20.3		1	1.20	5.00	ug/Kg	11/26/25 13:05	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	24.9		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
75-35-4	1,1-Dichloroethene	23.2		1	1.00	5.00	ug/Kg	11/26/25 13:05	VW112625
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	11/26/25 13:05	VW112625
75-15-0	Carbon Disulfide	21.7		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
1634-04-4	Methyl tert-butyl Ether	21.6		1	0.73	5.00	ug/Kg	11/26/25 13:05	VW112625
79-20-9	Methyl Acetate	24.6		1	1.50	5.00	ug/Kg	11/26/25 13:05	VW112625
75-09-2	Methylene Chloride	25.3		1	3.50	10.0	ug/Kg	11/26/25 13:05	VW112625
156-60-5	trans-1,2-Dichloroethene	22.3		1	0.86	5.00	ug/Kg	11/26/25 13:05	VW112625
75-34-3	1,1-Dichloroethane	24.0		1	0.80	5.00	ug/Kg	11/26/25 13:05	VW112625
110-82-7	Cyclohexane	22.0		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	11/26/25 13:05	VW112625
56-23-5	Carbon Tetrachloride	24.0		1	0.97	5.00	ug/Kg	11/26/25 13:05	VW112625
156-59-2	cis-1,2-Dichloroethene	22.4		1	0.75	5.00	ug/Kg	11/26/25 13:05	VW112625
74-97-5	Bromochloromethane	24.3		1	1.20	5.00	ug/Kg	11/26/25 13:05	VW112625
67-66-3	Chloroform	24.8		1	0.84	5.00	ug/Kg	11/26/25 13:05	VW112625
71-55-6	1,1,1-Trichloroethane	24.2		1	0.93	5.00	ug/Kg	11/26/25 13:05	VW112625
108-87-2	Methylcyclohexane	21.0		1	0.91	5.00	ug/Kg	11/26/25 13:05	VW112625
71-43-2	Benzene	23.1		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
107-06-2	1,2-Dichloroethane	25.2		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
79-01-6	Trichloroethene	20.8		1	0.81	5.00	ug/Kg	11/26/25 13:05	VW112625
78-87-5	1,2-Dichloropropane	23.5		1	0.91	5.00	ug/Kg	11/26/25 13:05	VW112625
75-27-4	Bromodichloromethane	23.7		1	0.78	5.00	ug/Kg	11/26/25 13:05	VW112625
108-10-1	4-Methyl-2-Pentanone	120		1	3.60	25.0	ug/Kg	11/26/25 13:05	VW112625
108-88-3	Toluene	23.1		1	0.78	5.00	ug/Kg	11/26/25 13:05	VW112625
10061-02-6	t-1,3-Dichloropropene	21.7		1	0.65	5.00	ug/Kg	11/26/25 13:05	VW112625
10061-01-5	cis-1,3-Dichloropropene	22.0		1	0.62	5.00	ug/Kg	11/26/25 13:05	VW112625
79-00-5	1,1,2-Trichloroethane	23.6		1	0.92	5.00	ug/Kg	11/26/25 13:05	VW112625
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	11/26/25 13:05	VW112625
124-48-1	Dibromochloromethane	23.2		1	0.87	5.00	ug/Kg	11/26/25 13:05	VW112625
106-93-4	1,2-Dibromoethane	22.7		1	0.88	5.00	ug/Kg	11/26/25 13:05	VW112625
127-18-4	Tetrachloroethene	22.3		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
108-90-7	Chlorobenzene	21.8		1	0.91	5.00	ug/Kg	11/26/25 13:05	VW112625
100-41-4	Ethyl Benzene	21.4		1	0.67	5.00	ug/Kg	11/26/25 13:05	VW112625
179601-23-1	m/p-Xylenes	44.0		1	1.20	10.0	ug/Kg	11/26/25 13:05	VW112625
95-47-6	o-Xylene	20.8		1	0.82	5.00	ug/Kg	11/26/25 13:05	VW112625
100-42-5	Styrene	21.8		1	0.71	5.00	ug/Kg	11/26/25 13:05	VW112625
75-25-2	Bromoform	20.6		1	0.86	5.00	ug/Kg	11/26/25 13:05	VW112625

Raw Data: **VW032538.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	MCUA - New Brunswick			Date Received:	
Client Sample ID:	VW1126SBS01			SDG No.:	Q3604
Lab Sample ID:	VW1126SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.1		1	0.78	5.00	ug/Kg	11/26/25 13:05	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1	1.20	5.00	ug/Kg	11/26/25 13:05	VW112625
541-73-1	1,3-Dichlorobenzene	22.1		1	1.70	5.00	ug/Kg	11/26/25 13:05	VW112625
106-46-7	1,4-Dichlorobenzene	20.6		1	1.60	5.00	ug/Kg	11/26/25 13:05	VW112625
95-50-1	1,2-Dichlorobenzene	21.1		1	1.50	5.00	ug/Kg	11/26/25 13:05	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		1	1.80	5.00	ug/Kg	11/26/25 13:05	VW112625
120-82-1	1,2,4-Trichlorobenzene	19.1		1	3.00	5.00	ug/Kg	11/26/25 13:05	VW112625
87-61-6	1,2,3-Trichlorobenzene	19.7		1	3.20	5.00	ug/Kg	11/26/25 13:05	VW112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.6			70 (63) - 130 (155)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.4			70 (70) - 130 (134)	105%	SPK: 50		
2037-26-5	Toluene-d8	51.9			70 (74) - 130 (123)	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.4			70 (52) - 130 (138)	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	338000							
540-36-3	1,4-Difluorobenzene	629000							
3114-55-4	Chlorobenzene-d5	579000							
3855-82-1	1,4-Dichlorobenzene-d4	286000							

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\VW112625\
Data File : VW032538.D
Acq On : 26 Nov 2025 13:05
Operator : SY/MD
Sample : VW1126SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

Quant Time: Nov 27 00:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	337562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	629179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	578751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	250756	57.619	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 115.240%			
35) Dibromofluoromethane	7.898	113	197338	52.385	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.780%			
50) Toluene-d8	10.325	98	749931	51.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.617	95	280681	51.414	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	40884	23.872	ug/l	90
3) Chloromethane	2.253	50	71270	24.278	ug/l	99
4) Vinyl Chloride	2.399	62	87624	23.651	ug/l	97
5) Bromomethane	2.814	94	60416	24.378	ug/l	100
6) Chloroethane	2.960	64	56305	23.229	ug/l	91
7) Trichlorofluoromethane	3.295	101	58995	20.310	ug/l	96
8) Diethyl Ether	3.716	74	57175	24.075	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	78641	24.853	ug/l	98
10) Methyl Iodide	4.314	142	107964	21.185	ug/l	96
11) Tert butyl alcohol	5.222	59	44464	118.156	ug/l	97
12) 1,1-Dichloroethene	4.076	96	84340	23.245	ug/l	94
13) Acrolein	3.929	56	50172	79.463	ug/l	98
14) Allyl chloride	4.698	41	156916	22.489	ug/l	95
15) Acrylonitrile	5.399	53	158055	115.107	ug/l	99
16) Acetone	4.161	43	172518	132.502	ug/l	95
17) Carbon Disulfide	4.417	76	232572	21.687	ug/l	99
18) Methyl Acetate	4.704	43	79374	24.618	ug/l	95
19) Methyl tert-butyl Ether	5.460	73	165056	21.581	ug/l	99
20) Methylene Chloride	4.954	84	117647	25.266	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	92366	22.264	ug/l	99
22) Diisopropyl ether	6.338	45	332486	23.404	ug/l	99
23) Vinyl Acetate	6.283	43	1099752	112.990	ug/l	97
24) 1,1-Dichloroethane	6.240	63	186701	23.987	ug/l	98
25) 2-Butanone	7.191	43	228547	119.148	ug/l	99
26) 2,2-Dichloropropane	7.185	77	100778	23.233	ug/l	95
27) cis-1,2-Dichloroethene	7.185	96	111212	22.434	ug/l	96
28) Bromochloromethane	7.526	49	89514	24.333	ug/l	94
29) Tetrahydrofuran	7.551	42	136283	111.938	ug/l	98
30) Chloroform	7.691	83	188879	24.789	ug/l	98
31) Cyclohexane	7.971	56	158345	21.993	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	131738	24.202	ug/l	96
36) 1,1-Dichloropropene	8.093	75	131322	23.660	ug/l	99
37) Ethyl Acetate	7.270	43	93514	22.658	ug/l	96
38) Carbon Tetrachloride	8.081	117	118484	24.025	ug/l	93
39) Methylcyclohexane	9.343	83	150748	20.965	ug/l	94
40) Benzene	8.337	78	413141	23.114	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032538.D
Acq On : 26 Nov 2025 13:05
Operator : SY/MD
Sample : VW1126SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	51285	22.620	ug/l		96
42) 1,2-Dichloroethane	8.410	62	132398	25.218	ug/l		97
43) Isopropyl Acetate	8.435	43	160403	21.949	ug/l		99
44) Trichloroethene	9.099	130	86516	20.801	ug/l		95
45) 1,2-Dichloropropane	9.374	63	104425	23.463	ug/l		99
46) Dibromomethane	9.465	93	59857	23.015	ug/l		98
47) Bromodichloromethane	9.648	83	140506	23.683	ug/l		98
48) Methyl methacrylate	9.441	41	73039	21.032	ug/l	#	91
49) 1,4-Dioxane	9.459	88	15702	430.965	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.209	43	474461	117.439	ug/l		97
52) Toluene	10.392	92	254781	23.077	ug/l		97
53) t-1,3-Dichloropropene	10.605	75	132372	21.665	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	155326	21.983	ug/l		95
55) 1,1,2-Trichloroethane	10.788	97	84254	23.614	ug/l		93
56) Ethyl methacrylate	10.648	69	110864	20.251	ug/l		93
57) 1,3-Dichloropropane	10.928	76	144519	22.679	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	326058	111.840	ug/l		97
59) 2-Hexanone	10.971	43	339797	114.957	ug/l		95
60) Dibromochloromethane	11.129	129	92399	23.190	ug/l		98
61) 1,2-Dibromoethane	11.233	107	79012	22.737	ug/l		96
64) Tetrachloroethene	10.861	164	76551	22.336	ug/l		93
65) Chlorobenzene	11.654	112	271839	21.792	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.727	131	85454	22.135	ug/l		98
67) Ethyl Benzene	11.733	91	461801	21.396	ug/l		99
68) m/p-Xylenes	11.837	106	356177	43.951	ug/l		98
69) o-Xylene	12.166	106	161395	20.800	ug/l		96
70) Styrene	12.178	104	291593	21.845	ug/l		98
71) Bromoform	12.349	173	47143	20.617	ug/l		98
73) Isopropylbenzene	12.458	105	421872	20.104	ug/l		98
74) N-amyl acetate	12.269	43	146466	20.086	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.708	83	106828	21.451	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	78337m	19.996	ug/l		
77) Bromobenzene	12.739	156	99017	19.929	ug/l		89
78) n-propylbenzene	12.800	91	554412	21.695	ug/l		98
79) 2-Chlorotoluene	12.885	91	325618	20.873	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	358716	20.720	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	33802	19.762	ug/l		89
82) 4-Chlorotoluene	12.983	91	352752	21.740	ug/l		99
83) tert-Butylbenzene	13.202	119	291467	19.354	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	370238	21.026	ug/l		97
85) sec-Butylbenzene	13.379	105	458187	20.429	ug/l		98
86) p-Isopropyltoluene	13.495	119	365551	19.740	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	208260	22.108	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	198764	20.596	ug/l		94
89) n-Butylbenzene	13.818	91	377459	20.863	ug/l		97
90) Hexachloroethane	14.086	117	68581	20.540	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	182729	21.131	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17369	20.245	ug/l		99
93) 1,2,4-Trichlorobenzene	15.129	180	105044	19.089	ug/l		95
94) Hexachlorobutadiene	15.226	225	48778	21.339	ug/l		93
95) Naphthalene	15.360	128	247278	18.020	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	98437	19.703	ug/l		92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032538.D
Acq On : 26 Nov 2025 13:05
Operator : SY/MD
Sample : VW1126SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

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

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

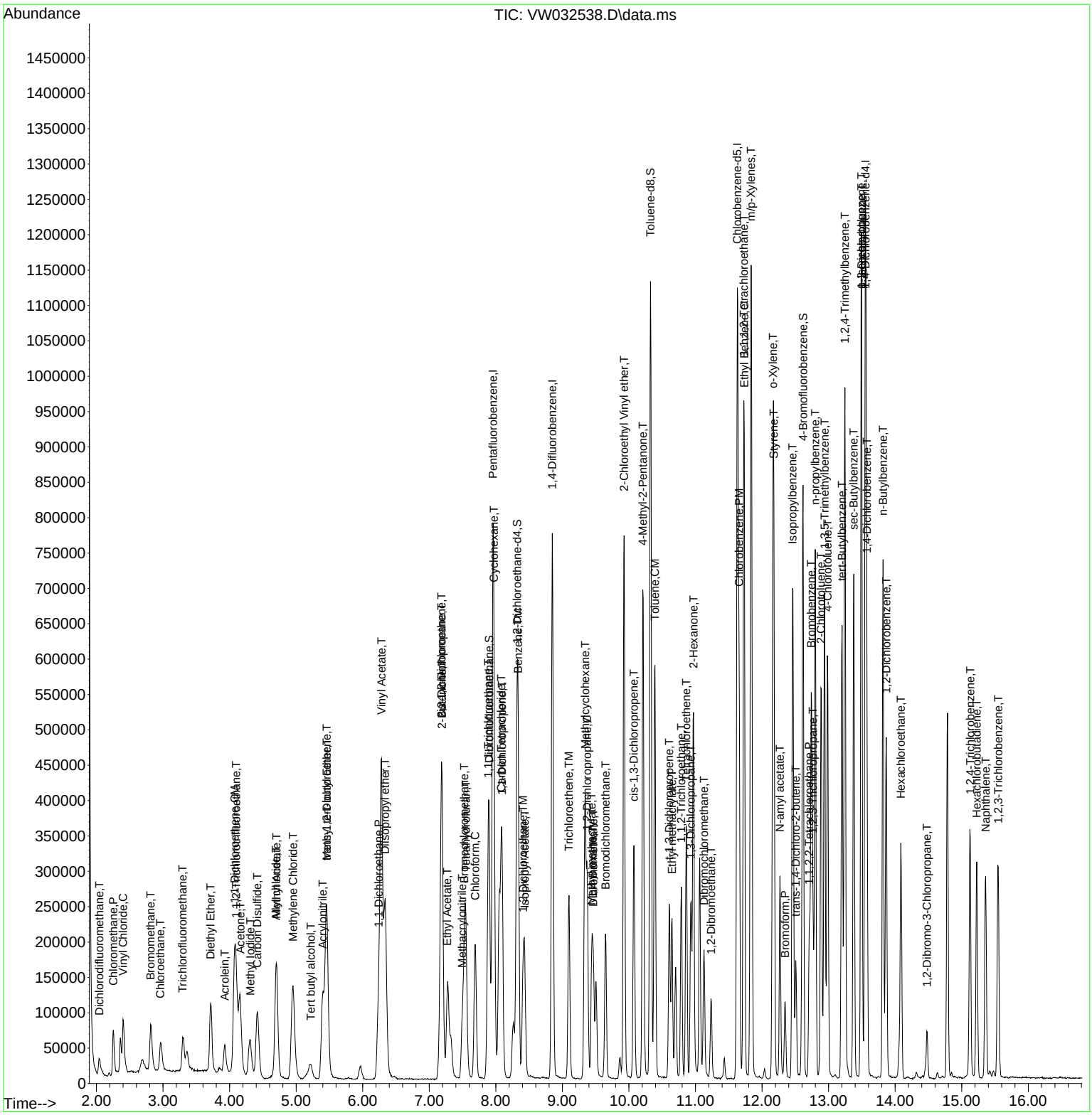
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032538.D
Acq On : 26 Nov 2025 13:05
Operator : SY/MD
Sample : VW1126SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



Raw Data: **VW032539.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	MCUA - New Brunswick			Date Received:	
Client Sample ID:	VW1126SBSD01			SDG No.:	Q3604
Lab Sample ID:	VW1126SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	24.6		1	1.10	5.00	ug/Kg	11/26/25 13:27	VW112625
74-87-3	Chloromethane	23.4		1	1.10	5.00	ug/Kg	11/26/25 13:27	VW112625
75-01-4	Vinyl Chloride	22.9		1	0.79	5.00	ug/Kg	11/26/25 13:27	VW112625
74-83-9	Bromomethane	23.6		1	1.10	5.00	ug/Kg	11/26/25 13:27	VW112625
75-00-3	Chloroethane	23.5		1	1.30	5.00	ug/Kg	11/26/25 13:27	VW112625
75-69-4	Trichlorofluoromethane	22.7		1	1.20	5.00	ug/Kg	11/26/25 13:27	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	23.9		1	1.10	5.00	ug/Kg	11/26/25 13:27	VW112625
75-35-4	1,1-Dichloroethene	22.8		1	1.00	5.00	ug/Kg	11/26/25 13:27	VW112625
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	11/26/25 13:27	VW112625
75-15-0	Carbon Disulfide	21.0		1	1.10	5.00	ug/Kg	11/26/25 13:27	VW112625
1634-04-4	Methyl tert-butyl Ether	21.7		1	0.73	5.00	ug/Kg	11/26/25 13:27	VW112625
79-20-9	Methyl Acetate	25.1		1	1.50	5.00	ug/Kg	11/26/25 13:27	VW112625
75-09-2	Methylene Chloride	24.8		1	3.50	10.0	ug/Kg	11/26/25 13:27	VW112625
156-60-5	trans-1,2-Dichloroethene	21.8		1	0.86	5.00	ug/Kg	11/26/25 13:27	VW112625
75-34-3	1,1-Dichloroethane	23.8		1	0.80	5.00	ug/Kg	11/26/25 13:27	VW112625
110-82-7	Cyclohexane	21.8		1	0.79	5.00	ug/Kg	11/26/25 13:27	VW112625
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	11/26/25 13:27	VW112625
56-23-5	Carbon Tetrachloride	23.6		1	0.97	5.00	ug/Kg	11/26/25 13:27	VW112625
156-59-2	cis-1,2-Dichloroethene	22.0		1	0.75	5.00	ug/Kg	11/26/25 13:27	VW112625
74-97-5	Bromochloromethane	24.0		1	1.20	5.00	ug/Kg	11/26/25 13:27	VW112625
67-66-3	Chloroform	24.4		1	0.84	5.00	ug/Kg	11/26/25 13:27	VW112625
71-55-6	1,1,1-Trichloroethane	23.7		1	0.93	5.00	ug/Kg	11/26/25 13:27	VW112625
108-87-2	Methylcyclohexane	20.7		1	0.91	5.00	ug/Kg	11/26/25 13:27	VW112625
71-43-2	Benzene	22.8		1	0.79	5.00	ug/Kg	11/26/25 13:27	VW112625
107-06-2	1,2-Dichloroethane	25.5		1	0.79	5.00	ug/Kg	11/26/25 13:27	VW112625
79-01-6	Trichloroethene	21.0		1	0.81	5.00	ug/Kg	11/26/25 13:27	VW112625
78-87-5	1,2-Dichloropropane	23.6		1	0.91	5.00	ug/Kg	11/26/25 13:27	VW112625
75-27-4	Bromodichloromethane	24.0		1	0.78	5.00	ug/Kg	11/26/25 13:27	VW112625
108-10-1	4-Methyl-2-Pentanone	120		1	3.60	25.0	ug/Kg	11/26/25 13:27	VW112625
108-88-3	Toluene	22.8		1	0.78	5.00	ug/Kg	11/26/25 13:27	VW112625
10061-02-6	t-1,3-Dichloropropene	22.4		1	0.65	5.00	ug/Kg	11/26/25 13:27	VW112625
10061-01-5	cis-1,3-Dichloropropene	21.9		1	0.62	5.00	ug/Kg	11/26/25 13:27	VW112625
79-00-5	1,1,2-Trichloroethane	23.8		1	0.92	5.00	ug/Kg	11/26/25 13:27	VW112625
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	11/26/25 13:27	VW112625
124-48-1	Dibromochloromethane	22.7		1	0.87	5.00	ug/Kg	11/26/25 13:27	VW112625
106-93-4	1,2-Dibromoethane	23.1		1	0.88	5.00	ug/Kg	11/26/25 13:27	VW112625
127-18-4	Tetrachloroethene	21.0		1	1.10	5.00	ug/Kg	11/26/25 13:27	VW112625
108-90-7	Chlorobenzene	21.9		1	0.91	5.00	ug/Kg	11/26/25 13:27	VW112625
100-41-4	Ethyl Benzene	21.2		1	0.67	5.00	ug/Kg	11/26/25 13:27	VW112625
179601-23-1	m/p-Xylenes	44.7		1	1.20	10.0	ug/Kg	11/26/25 13:27	VW112625
95-47-6	o-Xylene	20.8		1	0.82	5.00	ug/Kg	11/26/25 13:27	VW112625
100-42-5	Styrene	22.0		1	0.71	5.00	ug/Kg	11/26/25 13:27	VW112625
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	11/26/25 13:27	VW112625

Raw Data: **VW032539.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	MCUA - New Brunswick			Date Received:	
Client Sample ID:	VW1126SBSD01			SDG No.:	Q3604
Lab Sample ID:	VW1126SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.7		1	0.78	5.00	ug/Kg	11/26/25 13:27	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	22.4		1	1.20	5.00	ug/Kg	11/26/25 13:27	VW112625
541-73-1	1,3-Dichlorobenzene	22.8		1	1.70	5.00	ug/Kg	11/26/25 13:27	VW112625
106-46-7	1,4-Dichlorobenzene	22.6		1	1.60	5.00	ug/Kg	11/26/25 13:27	VW112625
95-50-1	1,2-Dichlorobenzene	21.9		1	1.50	5.00	ug/Kg	11/26/25 13:27	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	22.0		1	1.80	5.00	ug/Kg	11/26/25 13:27	VW112625
120-82-1	1,2,4-Trichlorobenzene	19.5		1	3.00	5.00	ug/Kg	11/26/25 13:27	VW112625
87-61-6	1,2,3-Trichlorobenzene	20.8		1	3.20	5.00	ug/Kg	11/26/25 13:27	VW112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.8			70 (63) - 130 (155)	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.0			70 (70) - 130 (134)	108%	SPK: 50		
2037-26-5	Toluene-d8	52.0			70 (74) - 130 (123)	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.7			70 (52) - 130 (138)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	336000							
540-36-3	1,4-Difluorobenzene	621000							
3114-55-4	Chlorobenzene-d5	569000							
3855-82-1	1,4-Dichlorobenzene-d4	280000							

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: **VW032539.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032539.D
Acq On : 26 Nov 2025 13:27
Operator : SY/MD
Sample : VW1126SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBSD01

Quant Time: Nov 27 00:27:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	335704	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	620682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	568775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	279860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	254292	58.755	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.500%			
35) Dibromofluoromethane	7.898	113	200637	53.990	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.980%			
50) Toluene-d8	10.325	98	741058	51.980	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.617	95	289278	53.714	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 107.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	41969	24.641	ug/l	98
3) Chloromethane	2.259	50	68175	23.352	ug/l	99
4) Vinyl Chloride	2.405	62	84422	22.913	ug/l	100
5) Bromomethane	2.820	94	58195	23.612	ug/l	89
6) Chloroethane	2.972	64	56686	23.515	ug/l	99
7) Trichlorofluoromethane	3.302	101	65655	22.728	ug/l	97
8) Diethyl Ether	3.722	74	54750	23.181	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	75232	23.908	ug/l	97
10) Methyl Iodide	4.314	142	105445	20.805	ug/l	97
11) Tert butyl alcohol	5.216	59	46100	123.181	ug/l	98
12) 1,1-Dichloroethene	4.082	96	82307	22.810	ug/l	95
13) Acrolein	3.929	56	48408	77.094	ug/l	100
14) Allyl chloride	4.704	41	150732	21.722	ug/l	96
15) Acrylonitrile	5.399	53	156692	114.746	ug/l	98
16) Acetone	4.161	43	174379	134.672	ug/l	95
17) Carbon Disulfide	4.423	76	223487	20.956	ug/l	100
18) Methyl Acetate	4.704	43	80468	25.096	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	165385	21.743	ug/l	98
20) Methylene Chloride	4.948	84	114818	24.795	ug/l	94
21) trans-1,2-Dichloroethene	5.466	96	90110	21.840	ug/l	95
22) Diisopropyl ether	6.344	45	328202	23.230	ug/l	99
23) Vinyl Acetate	6.283	43	1103246	113.976	ug/l	98
24) 1,1-Dichloroethane	6.240	63	184463	23.831	ug/l	98
25) 2-Butanone	7.191	43	228179	119.614	ug/l	98
26) 2,2-Dichloropropane	7.191	77	99602	23.089	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	108260	21.960	ug/l	93
28) Bromochloromethane	7.532	49	87968	24.045	ug/l	94
29) Tetrahydrofuran	7.551	42	144042	118.966	ug/l	97
30) Chloroform	7.691	83	184812	24.389	ug/l	96
31) Cyclohexane	7.971	56	156380	21.840	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	128265	23.695	ug/l	94
36) 1,1-Dichloropropene	8.093	75	125691	22.956	ug/l	99
37) Ethyl Acetate	7.276	43	97927	24.052	ug/l	98
38) Carbon Tetrachloride	8.081	117	114621	23.560	ug/l	95
39) Methylcyclohexane	9.343	83	146832	20.700	ug/l	93
40) Benzene	8.337	78	402128	22.806	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032539.D
Acq On : 26 Nov 2025 13:27
Operator : SY/MD
Sample : VW1126SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 00:27:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	48939	21.881	ug/l		97
42) 1,2-Dichloroethane	8.410	62	131966	25.480	ug/l		99
43) Isopropyl Acetate	8.435	43	167947	23.296	ug/l		98
44) Trichloroethene	9.099	130	86247	21.020	ug/l		95
45) 1,2-Dichloropropane	9.374	63	103587	23.593	ug/l		98
46) Dibromomethane	9.465	93	62369	24.309	ug/l		98
47) Bromodichloromethane	9.648	83	140637	24.030	ug/l		99
48) Methyl methacrylate	9.441	41	74918	21.869	ug/l		95
49) 1,4-Dioxane	9.465	88	17207	478.738	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.215	43	492057	123.462	ug/l		96
52) Toluene	10.392	92	248119	22.781	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	134854	22.373	ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	152438	21.869	ug/l		94
55) 1,1,2-Trichloroethane	10.788	97	83698	23.780	ug/l		97
56) Ethyl methacrylate	10.648	69	112805	20.888	ug/l		93
57) 1,3-Dichloropropane	10.934	76	147192	23.414	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	330271	114.836	ug/l		99
59) 2-Hexanone	10.971	43	345026	118.324	ug/l		97
60) Dibromochloromethane	11.135	129	89346	22.731	ug/l		99
61) 1,2-Dibromoethane	11.233	107	79173	23.095	ug/l		100
64) Tetrachloroethene	10.861	164	70794	21.019	ug/l		94
65) Chlorobenzene	11.654	112	268839	21.930	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.727	131	85748	22.601	ug/l		98
67) Ethyl Benzene	11.733	91	450136	21.221	ug/l		100
68) m/p-Xylenes	11.837	106	356130	44.716	ug/l		95
69) o-Xylene	12.166	106	158809	20.826	ug/l		96
70) Styrene	12.178	104	288062	21.959	ug/l		99
71) Bromoform	12.349	173	49936	22.221	ug/l	#	95
73) Isopropylbenzene	12.464	105	404944	19.702	ug/l		99
74) N-amyl acetate	12.269	43	150925	21.131	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.708	83	109057	22.357	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	77752m	20.262	ug/l		
77) Bromobenzene	12.745	156	96460	19.821	ug/l		88
78) n-propylbenzene	12.800	91	528028	21.095	ug/l		98
79) 2-Chlorotoluene	12.885	91	318930	20.872	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	354541	20.908	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.507	75	34136	20.375	ug/l		90
82) 4-Chlorotoluene	12.983	91	341978	21.518	ug/l		99
83) tert-Butylbenzene	13.202	119	294278	19.950	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	353468	20.494	ug/l		98
85) sec-Butylbenzene	13.379	105	444665	20.241	ug/l		100
86) p-Isopropyltoluene	13.495	119	369689	20.381	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	210184	22.780	ug/l		91
88) 1,4-Dichlorobenzene	13.574	146	213417	22.577	ug/l		99
89) n-Butylbenzene	13.818	91	360092	20.320	ug/l		99
90) Hexachloroethane	14.086	117	70341	21.509	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	185394	21.888	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	18507	22.024	ug/l		93
93) 1,2,4-Trichlorobenzene	15.129	180	104896	19.461	ug/l		92
94) Hexachlorobutadiene	15.226	225	50470	22.542	ug/l		96
95) Naphthalene	15.360	128	258122	19.204	ug/l		100
96) 1,2,3-Trichlorobenzene	15.543	180	101723	20.788	ug/l		91

Sample Results: **VW032539.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032539.D
Acq On : 26 Nov 2025 13:27
Operator : SY/MD
Sample : VW1126SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 00:27:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

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

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

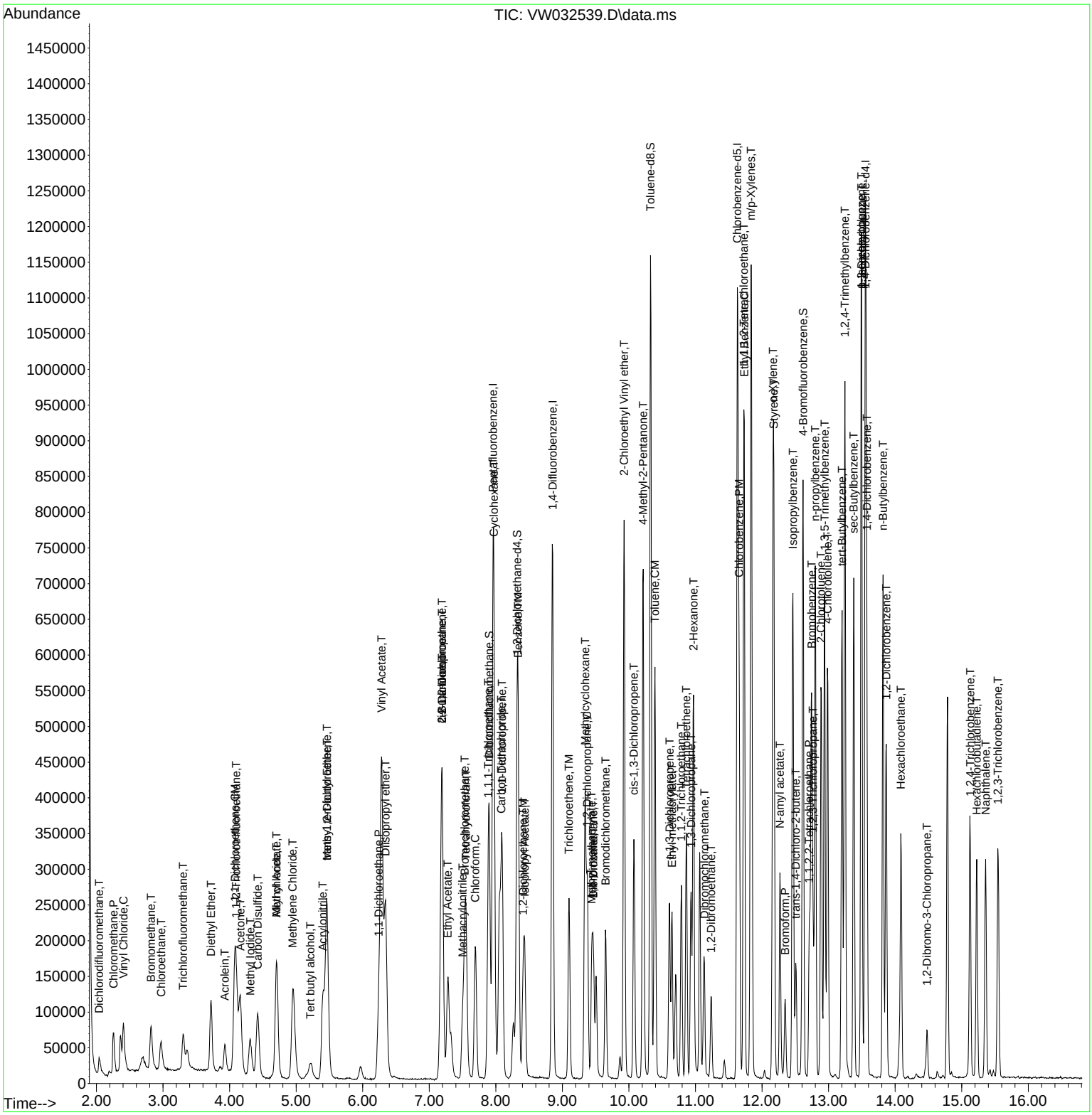
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032539.D
Acq On : 26 Nov 2025 13:27
Operator : SY/MD
Sample : VW1126SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 00:27:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



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

Manual Integration Report

Sequence:	VW111025	Instrument	MSVOA_w

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

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Manual Integration Report

Sequence:	VW112625	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032536.D	1,2,3-Trichloropropane	sam	12/1/2025 9:50:35 AM	MMDadoda	12/1/2025 3:30:35 PM	Peak Integrated by Software
VW1126SBS01	VW032538.D	1,2,3-Trichloropropane	sam	12/1/2025 9:50:40 AM	MMDadoda	12/1/2025 3:30:38 PM	Peak Integrated by Software
VW1126SBSD01	VW032539.D	1,2,3-Trichloropropane	sam	12/1/2025 9:50:45 AM	MMDadoda	12/1/2025 3:30:43 PM	Peak Integrated by Software
VSTDCCC050	VW032559.D	1,2,3-Trichloropropane	sam	12/1/2025 9:50:58 AM	MMDadoda	12/1/2025 3:30:53 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM				
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 1:37:22 PM				
SubDirectory	VW111025	HP Acquire Method	VP134934	HP Processing Method	82w111025s.m		

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

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

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM				
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM				
SubDirectory	VW112625	HP Acquire Method	MSVOA_W		HP Processing Method	82w111025s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP136443
Initial Calibration Stds	
CCC	VP136441,VP136442
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032535.D	26 Nov 2025 11:05	SY/MD	Ok
2	VSTDCCC050	VW032536.D	26 Nov 2025 12:05	SY/MD	Ok,M
3	VW1126SBL01	VW032537.D	26 Nov 2025 12:37	SY/MD	Ok
4	VW1126SBS01	VW032538.D	26 Nov 2025 13:05	SY/MD	Ok,M
5	VW1126SBSD01	VW032539.D	26 Nov 2025 13:27	SY/MD	Ok,M
6	Q3719-03	VW032540.D	26 Nov 2025 13:49	SY/MD	Ok
7	Q3604-05	VW032541.D	26 Nov 2025 14:11	SY/MD	Ok
8	Q3604-04	VW032542.D	26 Nov 2025 14:36	SY/MD	Ok
9	Q3719-04	VW032543.D	26 Nov 2025 14:58	SY/MD	Ok
10	Q3719-05	VW032544.D	26 Nov 2025 15:20	SY/MD	Ok
11	Q3719-06	VW032545.D	26 Nov 2025 15:42	SY/MD	Ok
12	Q3719-07	VW032546.D	26 Nov 2025 16:04	SY/MD	Ok
13	Q3719-08	VW032547.D	26 Nov 2025 16:27	SY/MD	Ok
14	Q3719-09	VW032548.D	26 Nov 2025 16:49	SY/MD	ReRun
15	Q3719-10	VW032549.D	26 Nov 2025 17:11	SY/MD	Ok
16	Q3719-11	VW032550.D	26 Nov 2025 17:33	SY/MD	Ok
17	Q3719-12	VW032551.D	26 Nov 2025 17:55	SY/MD	Ok
18	Q3719-13	VW032552.D	26 Nov 2025 18:17	SY/MD	ReRun
19	Q3723-01	VW032553.D	26 Nov 2025 18:39	SY/MD	Not Ok
20	Q3721-01	VW032554.D	26 Nov 2025 19:01	SY/MD	Not Ok
21	Q3719-14	VW032555.D	26 Nov 2025 19:23	SY/MD	Ok

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 # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM				
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM				
SubDirectory	VW112625	HP Acquire Method	MSVOA_W		HP Processing Method	82w111025s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP136443
Initial Calibration Stds	
CCC	VP136441,VP136442
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3733-01	VW032556.D	26 Nov 2025 19:45	SY/MD	Ok
23	Q3732-01	VW032557.D	26 Nov 2025 20:07	SY/MD	Ok
24	VIBLK	VW032558.D	26 Nov 2025 20:30	SY/MD	Ok
25	VSTDCCC050	VW032559.D	26 Nov 2025 20:52	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 1:37:22 PM		
SubDirectory	VW111025	HP Acquire Method	VP134934	HP Processing Method	82w111025s.m

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

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

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM		
SubDirectory	VW112625	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136443
Initial Calibration Stds	
CCC	VP136441,VP136442
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032535.D	26 Nov 2025 11:05		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032536.D	26 Nov 2025 12:05		SY/MD	Ok,M
3	VW1126SBL01	VW1126SBL01	VW032537.D	26 Nov 2025 12:37		SY/MD	Ok
4	VW1126SBS01	VW1126SBS01	VW032538.D	26 Nov 2025 13:05		SY/MD	Ok,M
5	VW1126SBSD01	VW1126SBSD01	VW032539.D	26 Nov 2025 13:27		SY/MD	Ok,M
6	Q3719-03	SB-1125-11A	VW032540.D	26 Nov 2025 13:49	vial B	SY/MD	Ok
7	Q3604-05	S-2	VW032541.D	26 Nov 2025 14:11	vial B	SY/MD	Ok
8	Q3604-04	S-1	VW032542.D	26 Nov 2025 14:36		SY/MD	Ok
9	Q3719-04	SB-1125-11B	VW032543.D	26 Nov 2025 14:58	vial B	SY/MD	Ok
10	Q3719-05	SB-1125-12A	VW032544.D	26 Nov 2025 15:20	vial B	SY/MD	Ok
11	Q3719-06	SB-1125-12B	VW032545.D	26 Nov 2025 15:42	vial A	SY/MD	Ok
12	Q3719-07	SB-1125-14A	VW032546.D	26 Nov 2025 16:04	vial A	SY/MD	Ok
13	Q3719-08	SB-1125-14B	VW032547.D	26 Nov 2025 16:27	vial A	SY/MD	Ok
14	Q3719-09	SB-1125-15A	VW032548.D	26 Nov 2025 16:49	Internal Standard Fail,vial A	SY/MD	ReRun
15	Q3719-10	SB-1125-15B	VW032549.D	26 Nov 2025 17:11	vial A	SY/MD	Ok
16	Q3719-11	SB-1125-16A	VW032550.D	26 Nov 2025 17:33	vial A	SY/MD	Ok
17	Q3719-12	SB-1125-16B	VW032551.D	26 Nov 2025 17:55	vial A	SY/MD	Ok
18	Q3719-13	SB-1125-17A	VW032552.D	26 Nov 2025 18:17	Internal Standard Fail,vial A	SY/MD	ReRun

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 # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM		
SubDirectory	VW112625	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136443
Initial Calibration Stds	
CCC	VP136441,VP136442
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3723-01	CC-1-112525	VW032553.D	26 Nov 2025 18:39	Already Analyzed,vial B	SY/MD	Not Ok
20	Q3721-01	EO-2-112525	VW032554.D	26 Nov 2025 19:01	Already Analyzed,vial B	SY/MD	Not Ok
21	Q3719-14	SB-1125-17B	VW032555.D	26 Nov 2025 19:23	vial A	SY/MD	Ok
22	Q3733-01	SU-04-11-26-2025	VW032556.D	26 Nov 2025 19:45	vial A	SY/MD	Ok
23	Q3732-01	HD-01-11-26-2025	VW032557.D	26 Nov 2025 20:07	vial A	SY/MD	Ok
24	VIBLK	VIBLK	VW032558.D	26 Nov 2025 20:30		SY/MD	Ok
25	VSTDCCC050	VSTDCCC050EC	VW032559.D	26 Nov 2025 20:52		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:05
Out Date: 11/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137855

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
Q3604-01	S-1	1	1.15	10.36	11.51	9.73	82.8	
Q3604-02	S-2	2	1.13	10.26	11.39	9.62	82.7	
Q3606-01	DELUMPER FEED	3	1.14	11.46	12.6	3.16	17.6	

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

WORKLIST(Hardcopy Internal Chain)

VB 137855

WorkList Name : %1-111125 **WorkList ID :** 193035 **Department :** Wet-Chemistry **Date :** 11-11-2025 08:47:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3604-01	S-1	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3604-02	S-2	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3606-01	DELUMPER FEED	Solid	Percent Solids	Cool 4 deg C	ALSE01	D31	10/31/2025	Chemtech -SO

Date/Time 11-11-25 15:00

Raw Sample Received by: [signature] (WDC)

Raw Sample Relinquished by: RJ (EXL-Webb)

Date/Time 11-11-25 17:00

Raw Sample Received by: RS (EXL-Lab)

Raw Sample Relinquished by: [signature]

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/26/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 11/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 11/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138040

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
Q3604-04	S-1	1	1.15	10.36	11.51	9.73	82.8	
Q3604-05	S-2	2	1.13	10.26	11.39	9.62	82.7	
Q3719-01	SB-1125-10A	3	1.15	10.90	12.05	9.46	76.2	
Q3719-02	SB-1125-10B	4	1.18	10.16	11.34	9.97	86.5	
Q3719-03	SB-1125-11A	5	1.13	10.69	11.82	9.71	80.3	
Q3719-04	SB-1125-11B	6	1.19	10.22	11.41	10.31	89.2	
Q3719-05	SB-1125-12A	7	1.16	10.46	11.62	8.25	67.8	
Q3719-06	SB-1125-12B	8	1.19	10.43	11.62	10.3	87.3	
Q3719-07	SB-1125-14A	9	1.18	10.41	11.59	9.86	83.4	
Q3719-08	SB-1125-14B	10	1.18	10.94	12.12	10.84	88.3	
Q3719-09	SB-1125-15A	11	1.11	10.78	11.89	10.52	87.3	
Q3719-10	SB-1125-15B	12	1.18	10.28	11.46	10.37	89.4	
Q3719-11	SB-1125-16A	13	1.19	10.48	11.67	10.41	88.0	
Q3719-12	SB-1125-16B	14	1.14	10.62	11.76	10.77	90.7	
Q3719-13	SB-1125-17A	15	1.18	10.86	12.04	10.55	86.3	
Q3719-14	SB-1125-17B	16	1.13	10.10	11.23	9.64	84.3	
Q3719-14D	SB-1125-17BDUP	17	1.15	10.10	11.25	9.63	84.0	
Q3721-01	EO-2-112525	18	1.14	10.28	11.42	10.57	91.7	
Q3721-02	EO-2-112525-E2	19	1.16	10.19	11.35	10.55	92.1	
Q3723-01	CC-1-112525	20	1.12	10.65	11.77	10.93	92.1	
Q3723-02	CC-1-112525-E2	21	1.16	10.33	11.49	10.62	91.6	
Q3726-01	112125-A	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3726-02	112125-B	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

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

WORKLIST(Hardcopy Internal Chain)

Q138040

WorkList Name : %1-112525 **WorkList ID :** 193343 **Department :** Wet-Chemistry **Date :** 11-25-2025 10:19:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3604-04	S-1	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3604-05	S-2	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3719-01	SB-1125-10A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-02	SB-1125-10B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-03	SB-1125-11A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-04	SB-1125-11B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-05	SB-1125-12A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-06	SB-1125-12B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-07	SB-1125-14A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-08	SB-1125-14B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-09	SB-1125-15A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-10	SB-1125-15B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-11	SB-1125-16A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-12	SB-1125-16B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-13	SB-1125-17A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-14	SB-1125-17B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3721-01	EO-2-112525	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3721-02	EO-2-112525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	11/26/2025	Chemtech -SO
Q3723-01	CC-1-112525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	11/26/2025	Chemtech -SO
Q3723-02	CC-1-112525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/25/2025	Chemtech -SO
Q3726-01	112125-A	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/25/2025	Chemtech -SO
					PSEG03	A11	11/25/2025	Chemtech -SO

Date/Time 11.25.25 15:20
Raw Sample Received by: JD WC,
Raw Sample Relinquished by: RJ (EXL-Walb)

Date/Time 11.25.25 17:45
Raw Sample Received by: RJ (EXL-Walb)
Raw Sample Relinquished by: JD WC,

WORKLIST(Hardcopy Internal Chain)

VB 138040

WorkList Name : %1-112525 **WorkList ID :** 193343 **Department :** Wet-Chemistry **Date :** 11-25-2025 10:19:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3726-02	112125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	11/25/2025	Chemtech -SO

Date/Time 11.25.25 15:20

Raw Sample Received by: JB WSC

Raw Sample Relinquished by: RJ (EXT-Cells)

Date/Time 11.25.25 17:45

Raw Sample Received by: RJ (EXT-Cells)

Raw Sample Relinquished by: JB WSC

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. Q3607
COC Number 2046994

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ROMAN E&G
ADDRESS: 14 OGDEN ST
CITY NEWARK STATE: NJ ZIP: 07104
ATTENTION: AMANDA Gentle
PHONE: 973-634-8218 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: New Brunswick LSRP
PROJECT NO.: 25-717 LOCATION: New Brunswick
PROJECT MANAGER: AMANDA Gentle
e-mail: Engineer@Romaneg.com
PHONE: 973-634-8218 FAX:

CLIENT BILLING INFORMATION

BILL TO: Roman E&G PO#: 25-717
ADDRESS: 14 OGDEN ST
CITY NEWARK STATE: NJ ZIP: 07104
ATTENTION: Frank Hotaling PHONE: 973-482-1123

DATA TURNAROUND INFORMATION

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

ANALYSIS

PRESERVATIVES: 1 2 3 4 5 6 7 8 9

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1. S-1	NB LSRP Stockpile	S			11/10	2:40 PM	3										
2. S-2	NB LSRP Stockpile	S			11/10	2:45 PM	3										
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Kevin Arnold	11/10/25 2:40	1. 1618 11-10-25
2.	DATE/TIME:	2.
3.	DATE/TIME:	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 15.7 °C NO ICE
Comments: SAMPLES From Stock Pile @ 19 Home Newark taken AT 5ft Deep / Field SAMPLE As Per SKetch Attached

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

QA Control Code: A2070148