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

Cover Page

Order ID : Q3155

Project ID : Tanner G. Duckrey Public School

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q3155-01	COMP-1
Q3155-02	COMP-2
Q3155-03	COMP-3
Q3155-04	TB

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: 9/30/2025

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 #: **Q3155**

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

QA Review Signature: **SOHIL JODHANI** **Date:** **09/30/2025**

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LAB CHRONICLE

OrderID:	Q3155	**OrderDate:**	9/19/2025 1:05:00 PM
Client:	Kleinfelder	**Project:**	Tanner G. Duckrey Public School
Contact:	Mark Warchol	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	**COMP-1**	**SOIL**			**09/18/25**			**09/19/25**
			VOCMS Group1	8260D			09/19/25	
Q3155-02	**COMP-2**	**SOIL**			**09/18/25**			**09/19/25**
			VOCMS Group1	8260D			09/19/25	
Q3155-03	**COMP-3**	**SOIL**			**09/18/25**			**09/19/25**
			VOCMS Group1	8260D			09/19/25	
Q3155-04	**TB**	**Water**			**09/18/25**			**09/19/25**
			VOC-TCLVOA-10	8260D			09/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3155

Client: Kleinfelder

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

Total Voc :

Total Concentration:

QC SUMMARY

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

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3155-01	COMP-1	1,2-Dichloroethane-d4	50	52.7	105		63	155
		Dibromofluoromethane	50	45.1	90		70	134
		Toluene-d8	50	42.3	85		74	123
		4-Bromofluorobenzene	50	48.0	96		17	146
Q3155-02	COMP-2	1,2-Dichloroethane-d4	50	55.0	110		63	155
		Dibromofluoromethane	50	45.8	92		70	134
		Toluene-d8	50	42.5	85		74	123
		4-Bromofluorobenzene	50	49.0	98		17	146
Q3155-03	COMP-3	1,2-Dichloroethane-d4	50	55.6	111		63	155
		Dibromofluoromethane	50	46.9	94		70	134
		Toluene-d8	50	43.6	87		74	123
		4-Bromofluorobenzene	50	48.8	98		17	146
VW0919SBL01	VW0919SBL01	1,2-Dichloroethane-d4	50	58.7	117		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	44.7	89		74	123
		4-Bromofluorobenzene	50	47.4	95		17	146
VW0919SBS01	VW0919SBS01	1,2-Dichloroethane-d4	50	52.9	106		63	155
		Dibromofluoromethane	50	52.9	106		70	134
		Toluene-d8	50	52.6	105		74	123
		4-Bromofluorobenzene	50	50.3	101		17	146
VW0919SBSD0	VW0919SBSD01	1,2-Dichloroethane-d4	50	53.3	107		63	155
		Dibromofluoromethane	50	51.3	103		70	134
		Toluene-d8	50	51.5	103		74	123
		4-Bromofluorobenzene	50	49.5	99		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3155 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VW032206.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0919SBS01	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101			82	123	
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106			80	126	
	Benzene	20	21.4	ug/Kg	107			84	121	
	Trichloroethene	20	20.6	ug/Kg	103			83	122	
	Toluene	20	21.2	ug/Kg	106			83	122	
	Ethyl Benzene	20	20.6	ug/Kg	103			82	124	
	m/p-Xylenes	40	42.5	ug/Kg	106			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Isopropylbenzene	20	20.1	ug/Kg	101			82	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3155 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VW032207.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0919SBSD01	cis-1,2-Dichloroethene	20	22.2	ug/Kg	111	9		82	123	20
	1,1,1-Trichloroethane	20	23.5	ug/Kg	117	10		80	126	20
	Benzene	20	22.6	ug/Kg	113	5		84	121	20
	Trichloroethene	20	22.3	ug/Kg	112	8		83	122	20
	Toluene	20	21.9	ug/Kg	110	4		83	122	20
	Ethyl Benzene	20	22.1	ug/Kg	111	7		82	124	20
	m/p-Xylenes	40	45.3	ug/Kg	113	6		83	124	20
	o-Xylene	20	21.7	ug/Kg	109	7		83	123	20
	Isopropylbenzene	20	20.8	ug/Kg	104	3		82	124	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0919SBL01

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3155

Lab File ID: VW032205.D | Lab Sample ID: VW0919SBL01

Date Analyzed: 09/19/2025 | Time Analyzed: 10:08

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
VW0919SBS01	VW0919SBS01	VW032206.D	09/19/2025
VW0919SBSD01	VW0919SBSD01	VW032207.D	09/19/2025
COMP-1	Q3155-01	VW032213.D	09/19/2025
COMP-2	Q3155-02	VW032214.D	09/19/2025
COMP-3	Q3155-03	VW032215.D	09/19/2025

COMMENTS:

Raw Data: **VW032136.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: POWE02
Lab Code: ACE
SDG NO.: Q3155
Lab File ID: VW032136.D
BFB Injection Date: 08/26/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:38
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	20.3
75	30.0 - 60.0% of mass 95	55.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.9 (7.7) 1
176	95.0 - 101.0% of mass 174	73.7 (96.7) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032137.D	08/26/2025	09:39
VSTDICC010	VSTDICC010	VW032138.D	08/26/2025	10:23
VSTDICC020	VSTDICC020	VW032139.D	08/26/2025	10:45
VSTDICC100	VSTDICC100	VW032141.D	08/26/2025	11:29
VSTDICC150	VSTDICC150	VW032142.D	08/26/2025	11:51
VSTDICCC050	VSTDICCC050	VW032144.D	08/26/2025	12:34

Raw Data: **VW032203.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3155

Lab File ID: VW032203.D | BFB Injection Date: 09/19/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:22

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	22.1
75	30.0 - 60.0% of mass 95	56.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.7 (8.3) 1
176	95.0 - 101.0% of mass 174	67.9 (97.7) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032204.D	09/19/2025	09:38
VW0919SBL01	VW0919SBL01	VW032205.D	09/19/2025	10:08
VW0919SBS01	VW0919SBS01	VW032206.D	09/19/2025	10:35
VW0919SBSD01	VW0919SBSD01	VW032207.D	09/19/2025	10:57
COMP-1	Q3155-01	VW032213.D	09/19/2025	14:21
COMP-2	Q3155-02	VW032214.D	09/19/2025	14:43
COMP-3	Q3155-03	VW032215.D	09/19/2025	15:05

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3155

Lab File ID: VW032204.D Date Analyzed: 09/19/2025

Instrument ID: MSVOA_W Time Analyzed: 09:38

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	193605	7.95	337702	8.85	309889	11.63
UPPER LIMIT	387210	8.453	675404	9.349	619778	12.129
LOWER LIMIT	96802.5	7.453	168851	8.349	154945	11.129
EPA SAMPLE NO.						
COMP-1	176619	7.97	381216	8.86	368580	11.63
COMP-2	149567	7.97	332025	8.86	337360	11.63
COMP-3	145040	7.96	318815	8.86	319906	11.63
VW0919SBL01	128568	7.96	281974	8.85	287563	11.63
VW0919SBS01	187746	7.96	322734	8.85	298059	11.63
VW0919SBSD01	180121	7.96	317195	8.86	296209	11.64

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3155

Lab File ID: VW032204.D Date Analyzed: 09/19/2025

Instrument ID: MSVOA_W Time Analyzed: 09:38

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

	IS4 AREA #	RT #				
12 HOUR STD	159183	13.556				
UPPER LIMIT	318366	14.056				
LOWER LIMIT	79591.5	13.056				
EPA SAMPLE NO.						
COMP-1	190890	13.56				
COMP-2	169813	13.56				
COMP-3	158309	13.56				
VW0919SBL01	136277	13.56				
VW0919SBS01	153629	13.56				
VW0919SBSD01	152766	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: **VW032213.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	4.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032213.D	1	09/19/25 14:21	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.87	U	0.87	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
71-43-2	Benzene	0.91	U	0.91	5.80	ug/Kg
79-01-6	Trichloroethene	0.94	U	0.94	5.80	ug/Kg
108-88-3	Toluene	0.90	U	0.90	5.80	ug/Kg
100-41-4	Ethyl Benzene	0.77	U	0.77	5.80	ug/Kg
1330-20-7	Total Xylenes	2.35	U	2.35	17.4	ug/Kg
98-82-8	Isopropylbenzene	0.90	U	0.90	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		70 - 134	90%	SPK: 50
2037-26-5	Toluene-d8	42.3		74 - 123	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		17 - 146	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.965			
540-36-3	1,4-Difluorobenzene	381000	8.855			
3114-55-4	Chlorobenzene-d5	369000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	191000	13.556			

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\VW091925\
Data File : VW032213.D
Acq On : 19 Sep 2025 14:21
Operator : SY/MD
Sample : Q3155-01
Misc : 4.93g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Quant Time: Sep 19 23:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

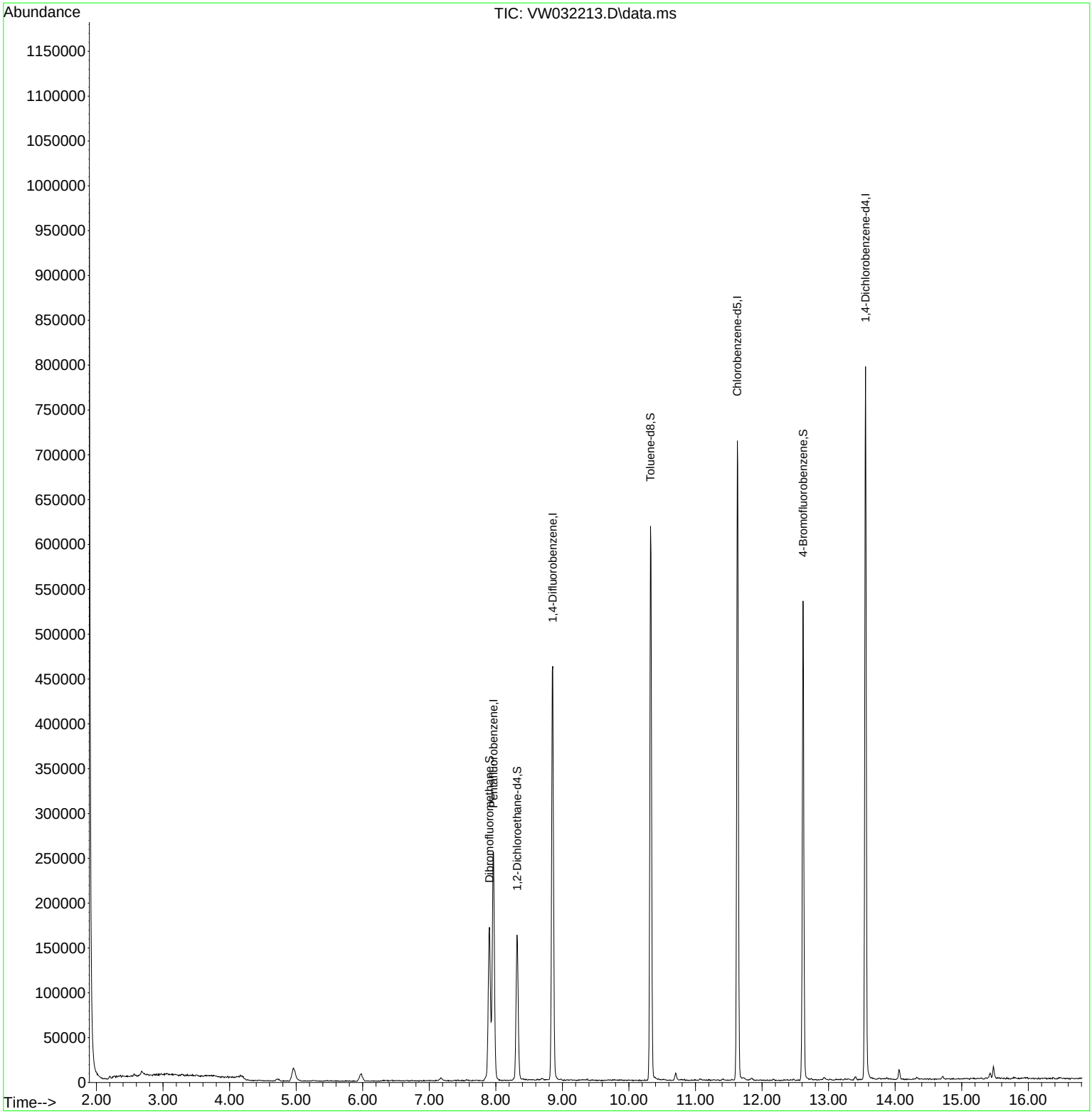
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	176619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	381216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	368580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	190890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133149	52.714	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.420%			
35) Dibromofluoromethane	7.904	113	120633	45.103	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 90.200%			
50) Toluene-d8	10.325	98	397560	42.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 84.680%			
62) 4-Bromofluorobenzene	12.617	95	166508	47.958	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 95.920%			
Target Compounds						Qvalue

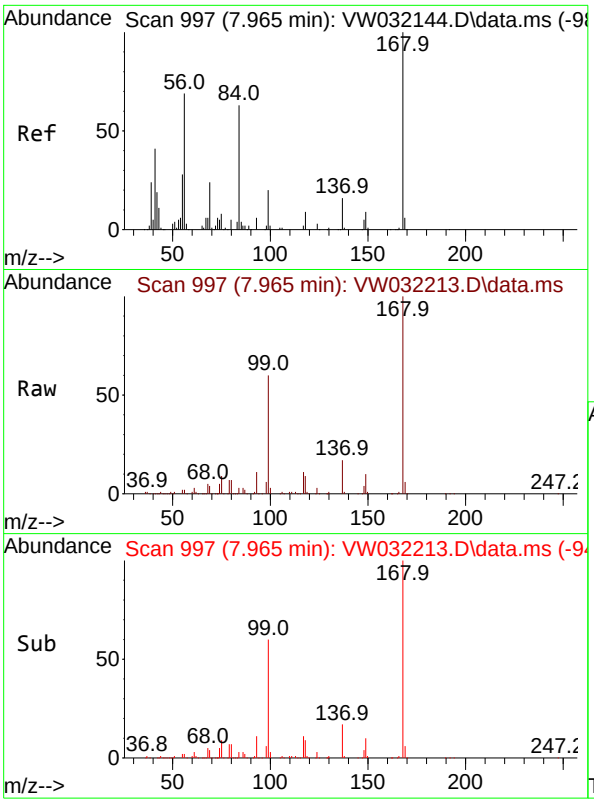
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032213.D
Acq On : 19 Sep 2025 14:21
Operator : SY/MD
Sample : Q3155-01
Misc : 4.93g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Quant Time: Sep 19 23:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



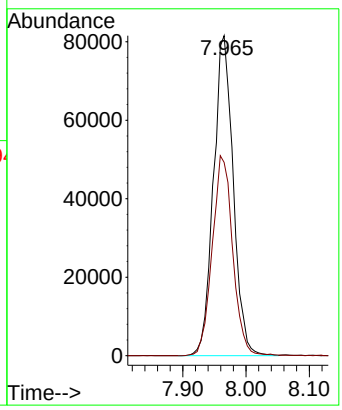


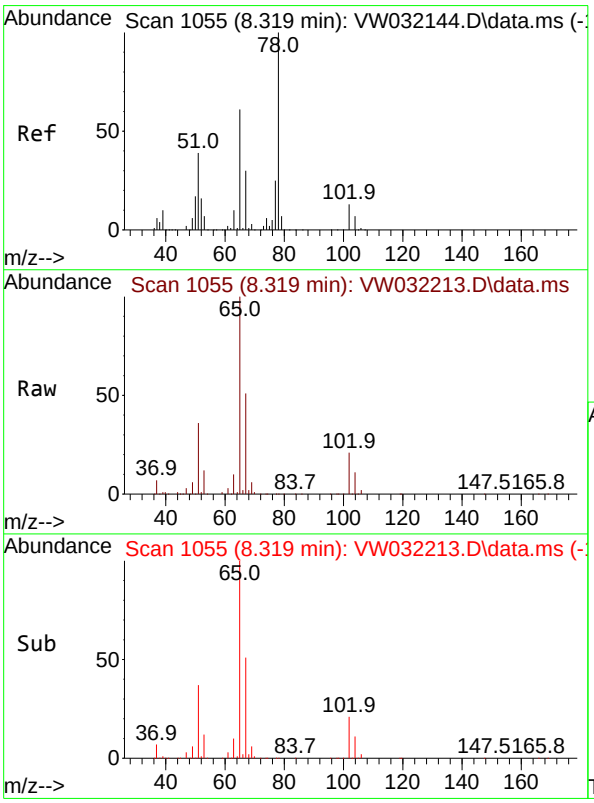
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 176619

Ion	Ratio	Lower	Upper
168	100		
99	60.4	49.3	73.9

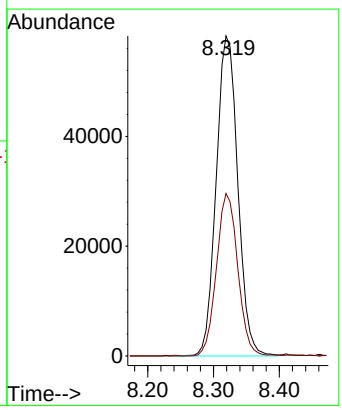


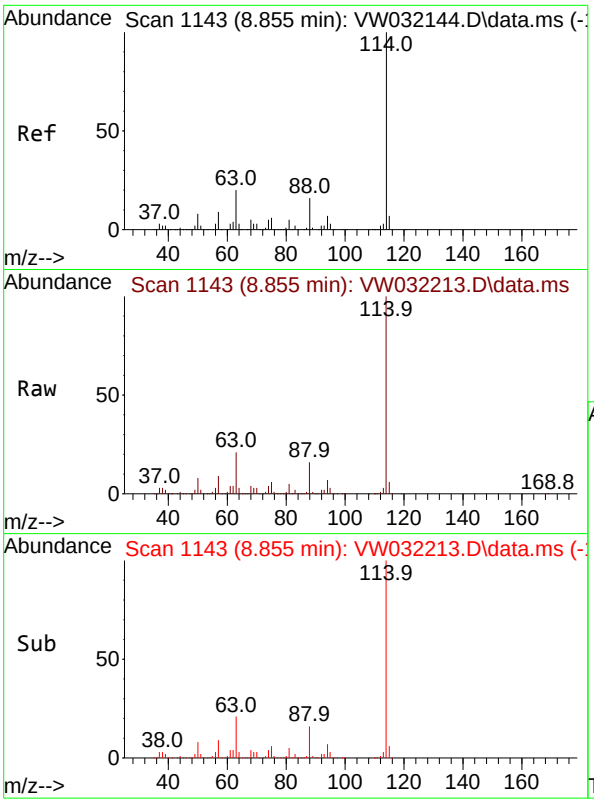


#33
1,2-Dichloroethane-d4
Concen: 52.714 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Tgt Ion: 65 Resp: 133149

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.6



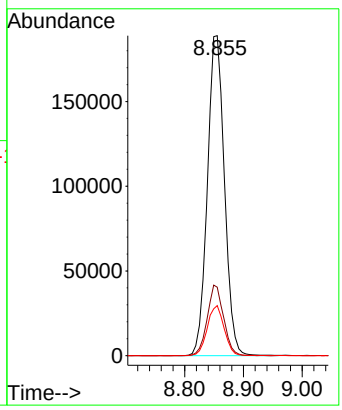


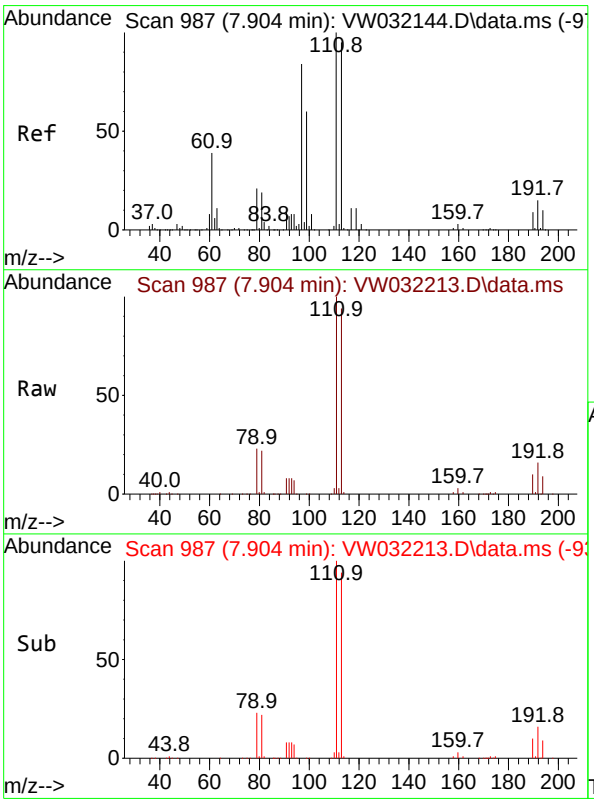
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Tgt Ion:114 Resp: 381216

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.4
88	15.7	0.0	32.0

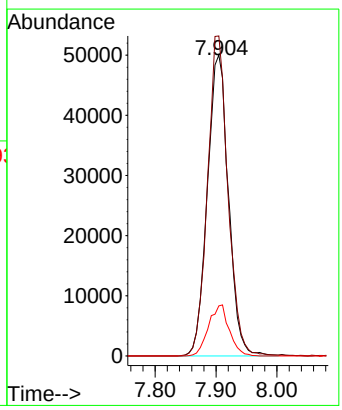


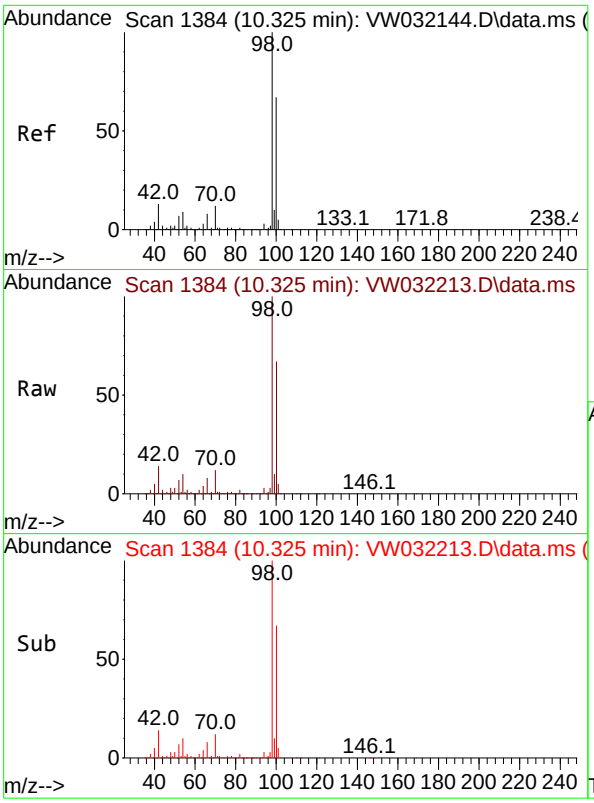


#35
Dibromofluoromethane
Concen: 45.103 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Tgt Ion:113 Resp: 120633

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.9	125.9
192	16.6	14.6	21.8



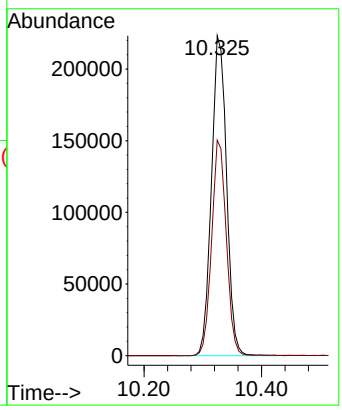


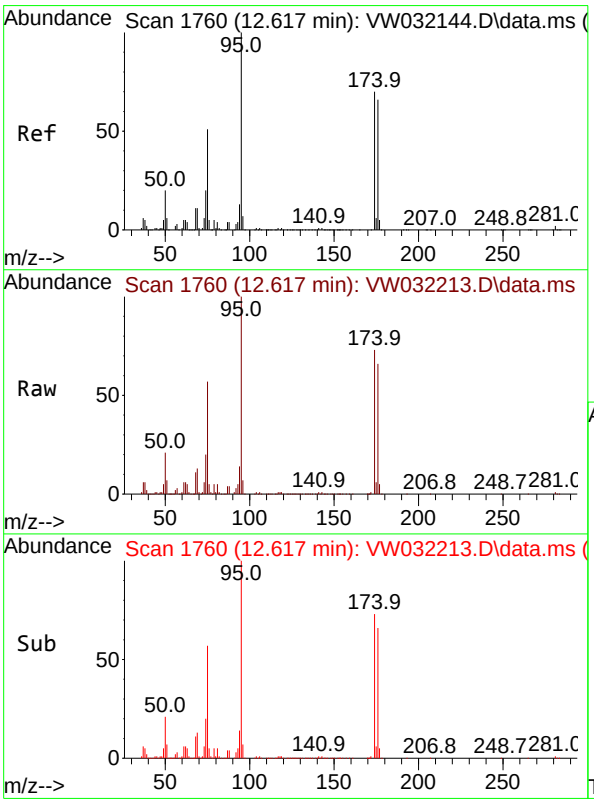
#50
Toluene-d8
Concen: 42.343 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Tgt Ion: 98 Resp: 397560

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2

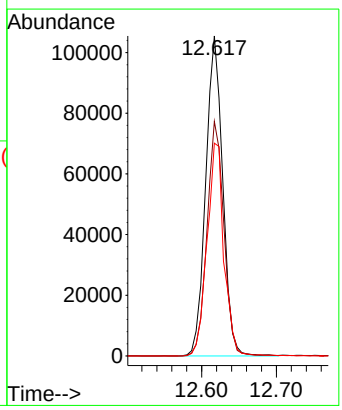


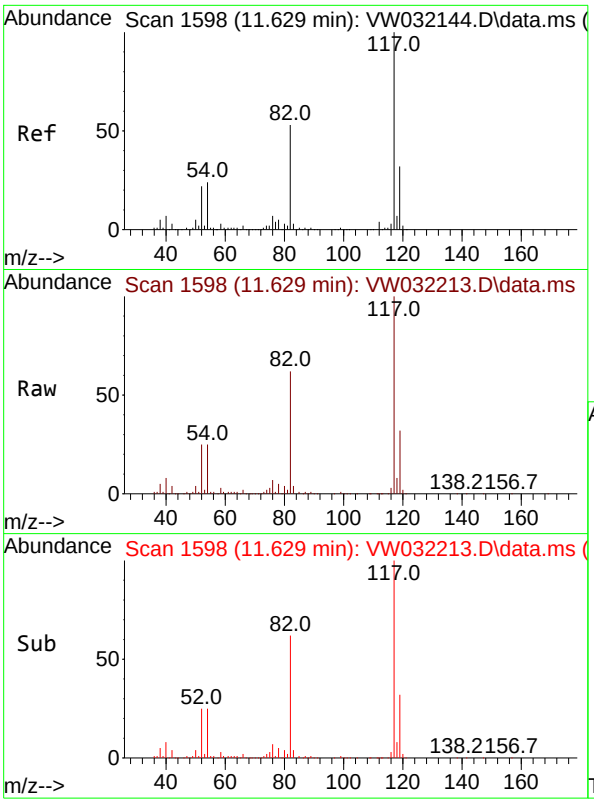


#62
4-Bromofluorobenzene
Concen: 47.958 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Tgt Ion: 95 Resp: 166508

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	145.6
176	66.5	0.0	140.8



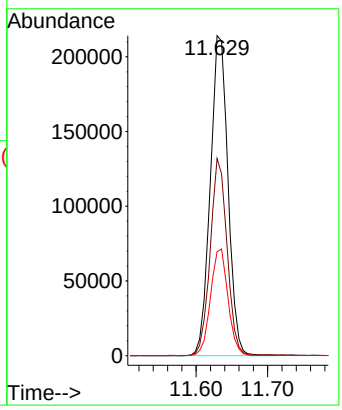


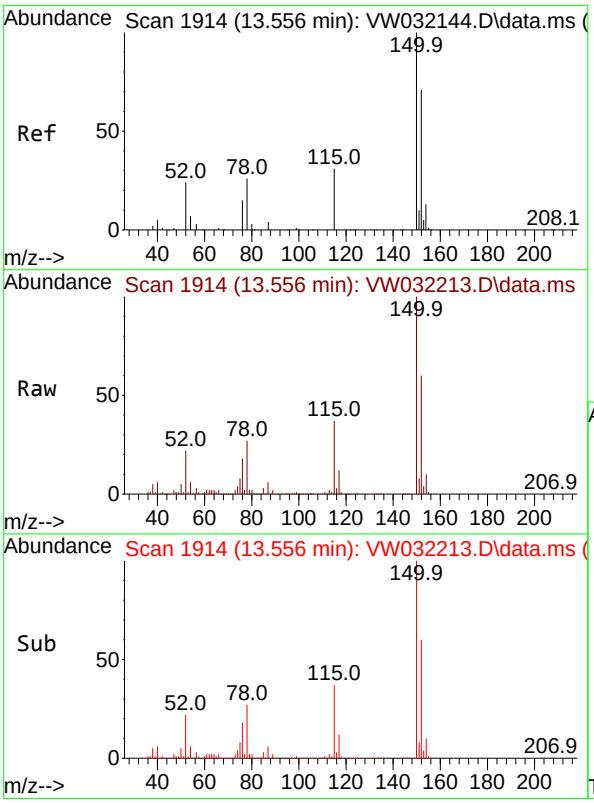
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 368580

Ion	Ratio	Lower	Upper
117	100		
82	61.6	42.7	64.1
119	32.4	25.2	37.8

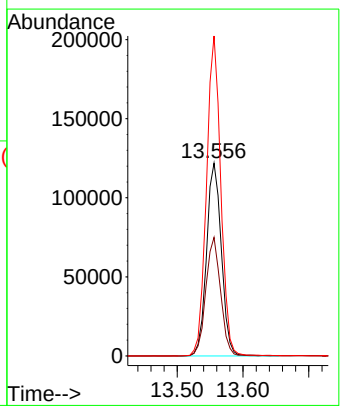




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032213.D
Acq: 19 Sep 2025 14:21

Tgt Ion:152 Resp: 190890

Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.8	95.4
150	160.8	0.0	343.0



Raw Data: **VW032214.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.1
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032214.D	1	09/19/25 14:43	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.85	U	0.85	5.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.70	ug/Kg
71-43-2	Benzene	0.90	U	0.90	5.70	ug/Kg
79-01-6	Trichloroethene	0.92	U	0.92	5.70	ug/Kg
108-88-3	Toluene	0.89	U	0.89	5.70	ug/Kg
100-41-4	Ethyl Benzene	0.76	U	0.76	5.70	ug/Kg
1330-20-7	Total Xylenes	2.33	U	2.33	17.1	ug/Kg
98-82-8	Isopropylbenzene	0.89	U	0.89	5.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	45.8		70 - 134	92%	SPK: 50
2037-26-5	Toluene-d8	42.5		74 - 123	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		17 - 146	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	150000	7.965			
540-36-3	1,4-Difluorobenzene	332000	8.855			
3114-55-4	Chlorobenzene-d5	337000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	170000	13.556			

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\VW091925\
Data File : VW032214.D
Acq On : 19 Sep 2025 14:43
Operator : SY/MD
Sample : Q3155-02
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Quant Time: Sep 19 23:10:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

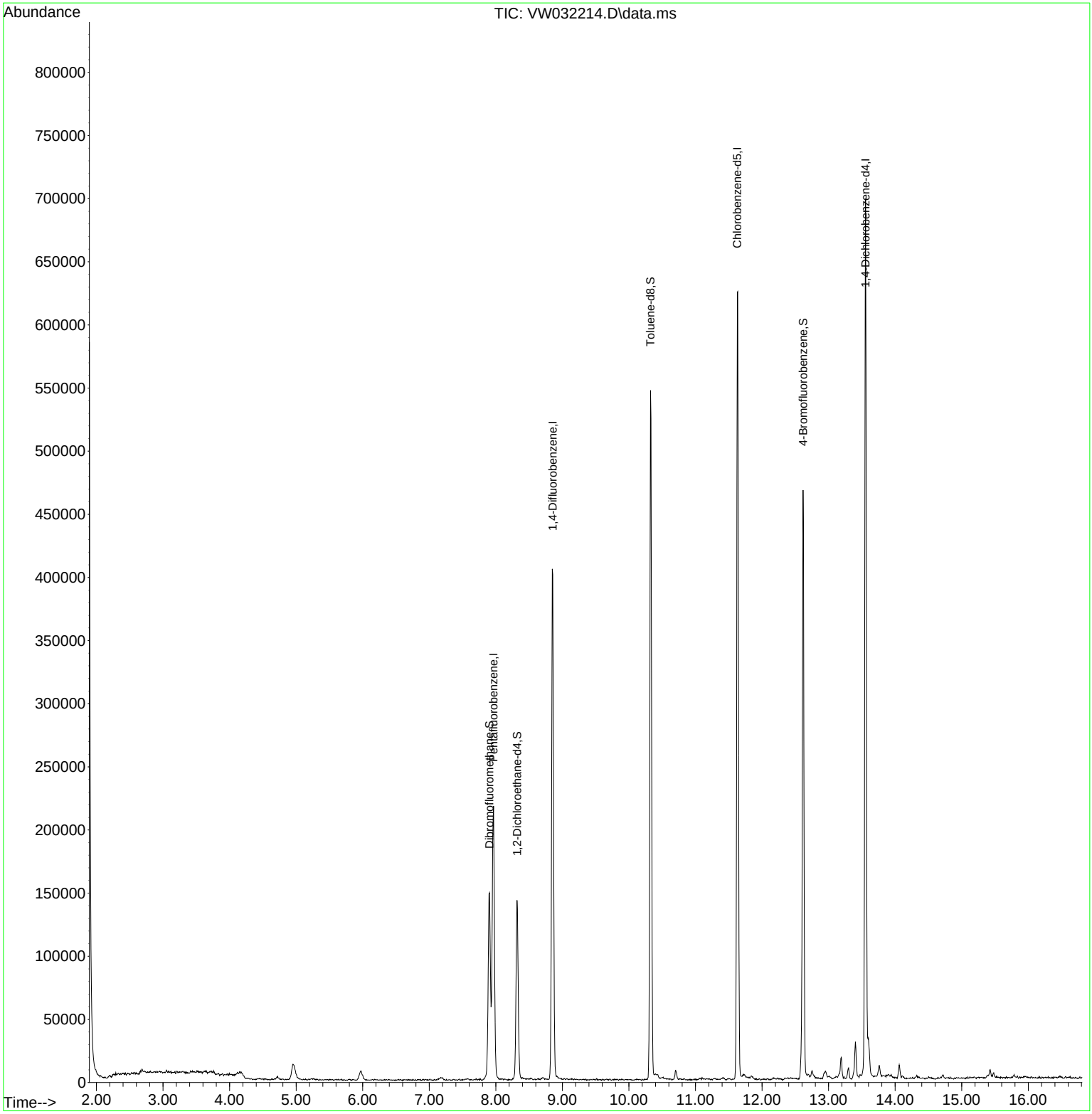
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	149567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	332025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	337360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	117613	54.985	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 109.960%			
35) Dibromofluoromethane	7.904	113	106789	45.843	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 91.680%			
50) Toluene-d8	10.325	98	347161	42.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 84.900%			
62) 4-Bromofluorobenzene	12.617	95	148300	49.042	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.080%			
Target Compounds						Qvalue

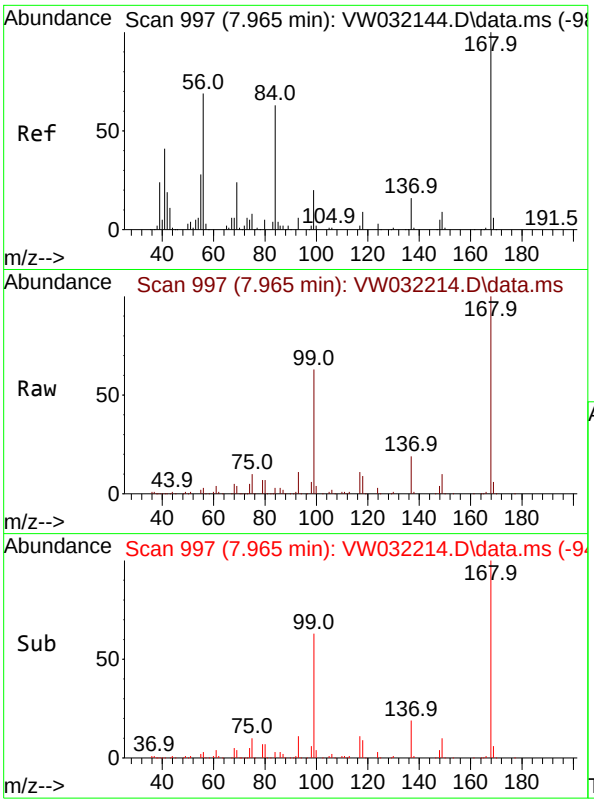
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032214.D
Acq On : 19 Sep 2025 14:43
Operator : SY/MD
Sample : Q3155-02
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Quant Time: Sep 19 23:10:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



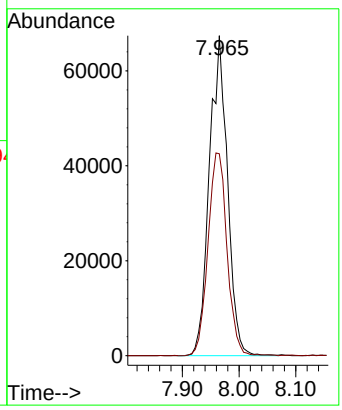


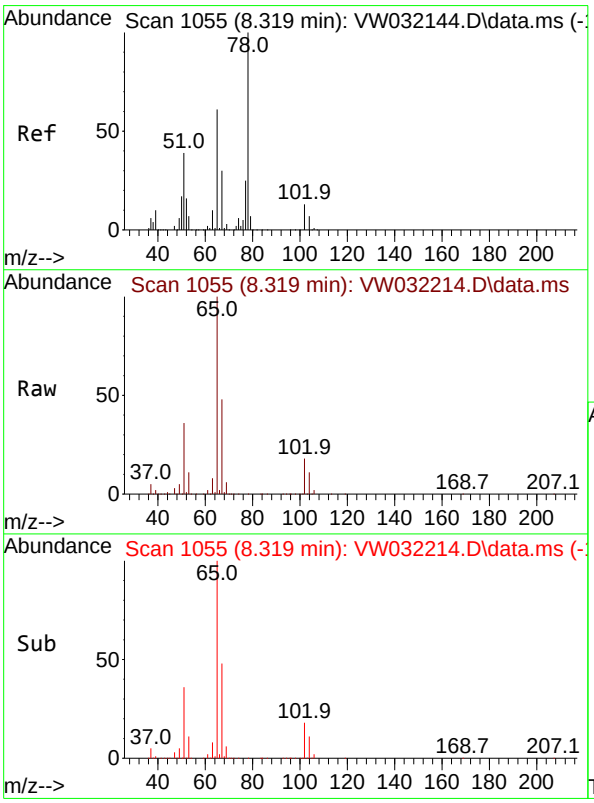
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 149567

Ion	Ratio	Lower	Upper
168	100		
99	63.1	49.3	73.9

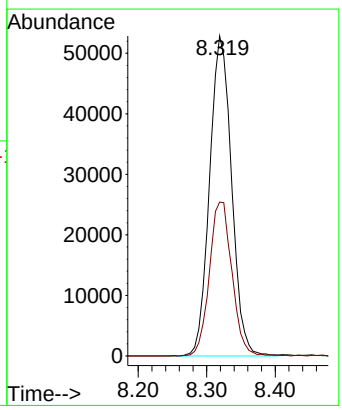


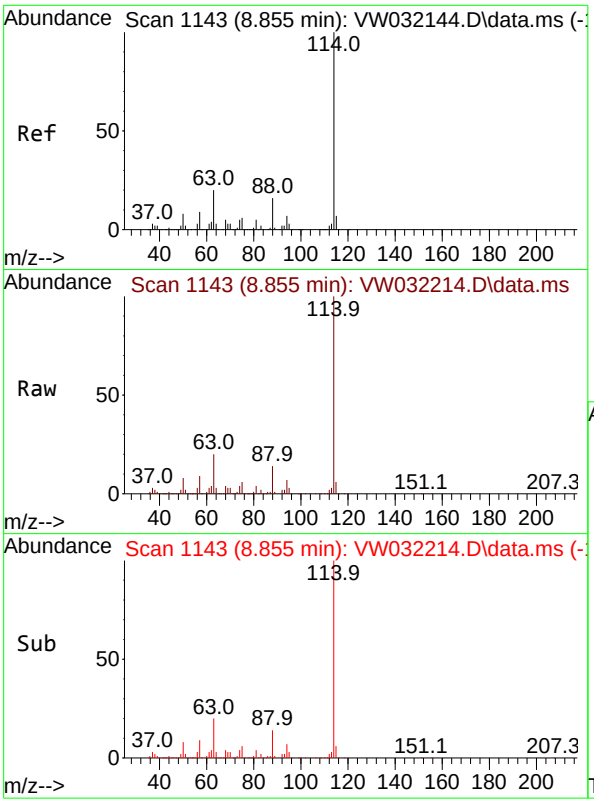


#33
1,2-Dichloroethane-d4
Concen: 54.985 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion: 65 Resp: 117613

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.6



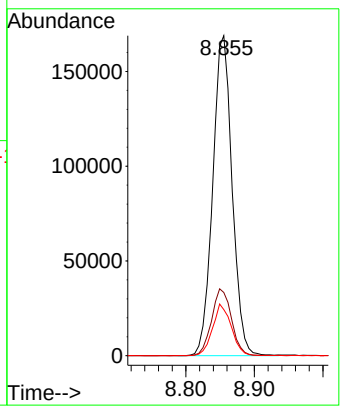


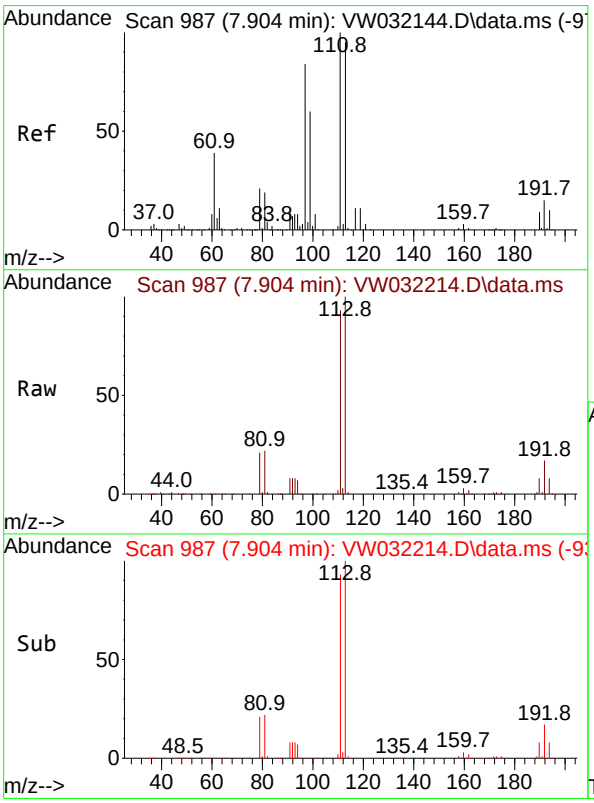
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Tgt Ion:114 Resp: 332025

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.4
88	14.4	0.0	32.0

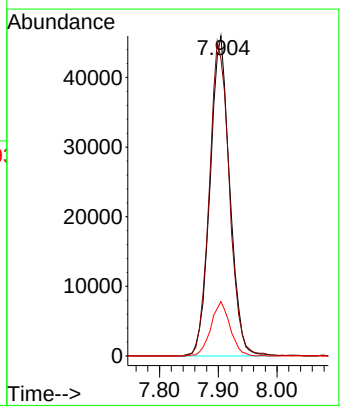


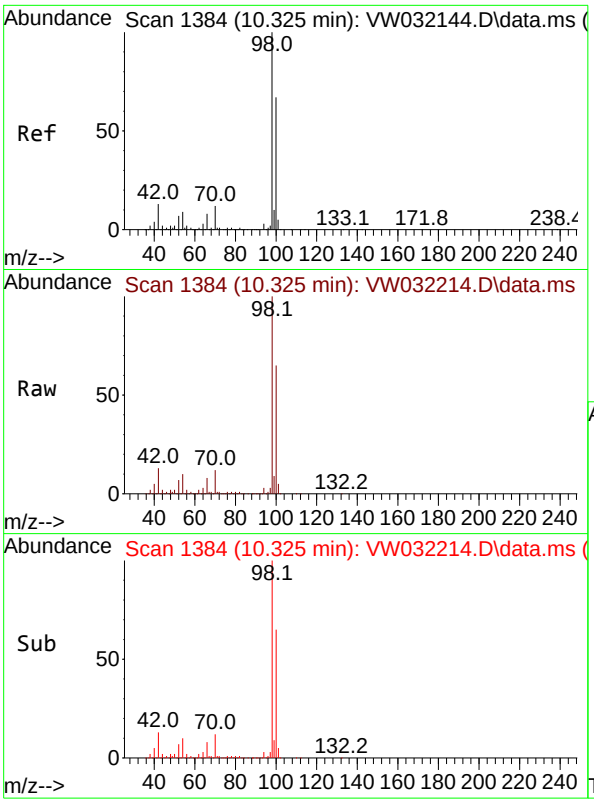


#35
Dibromofluoromethane
Concen: 45.843 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion:113 Resp: 106789

Ion	Ratio	Lower	Upper
113	100		
111	100.3	83.9	125.9
192	16.6	14.6	21.8



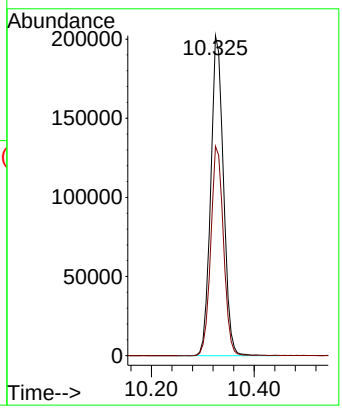


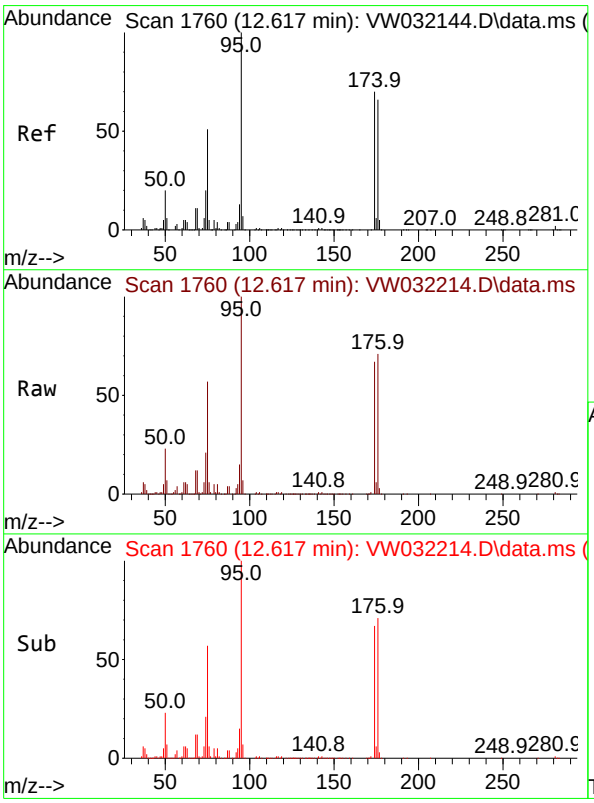
#50
Toluene-d8
Concen: 42.453 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Tgt Ion: 98 Resp: 347161

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.4	77.2

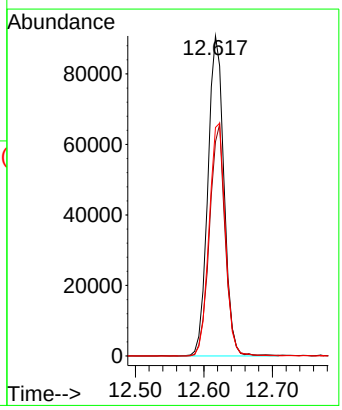


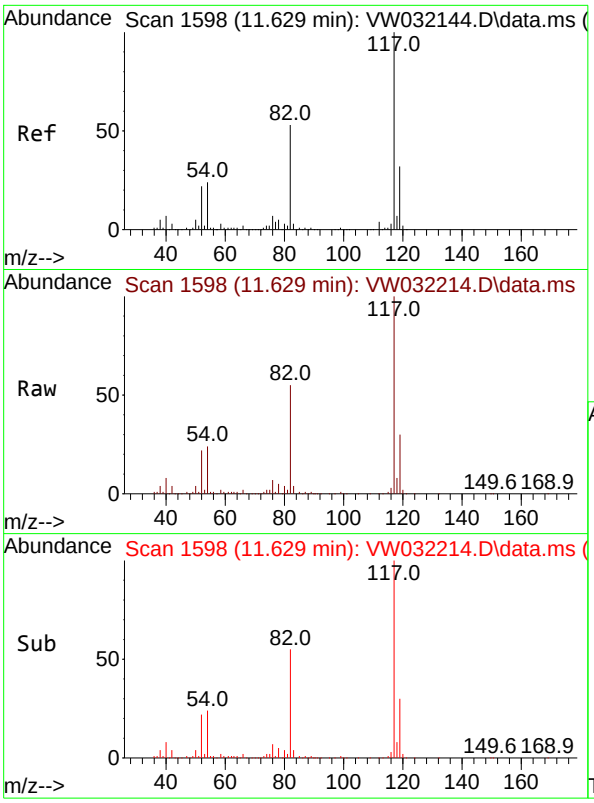


#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion: 95 Resp: 148300

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	145.6
176	73.3	0.0	140.8



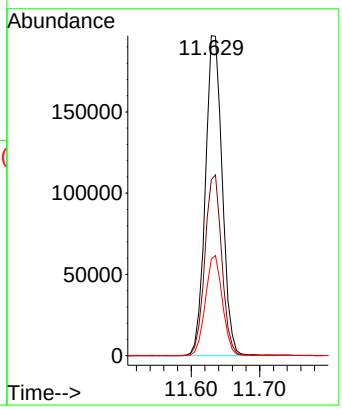


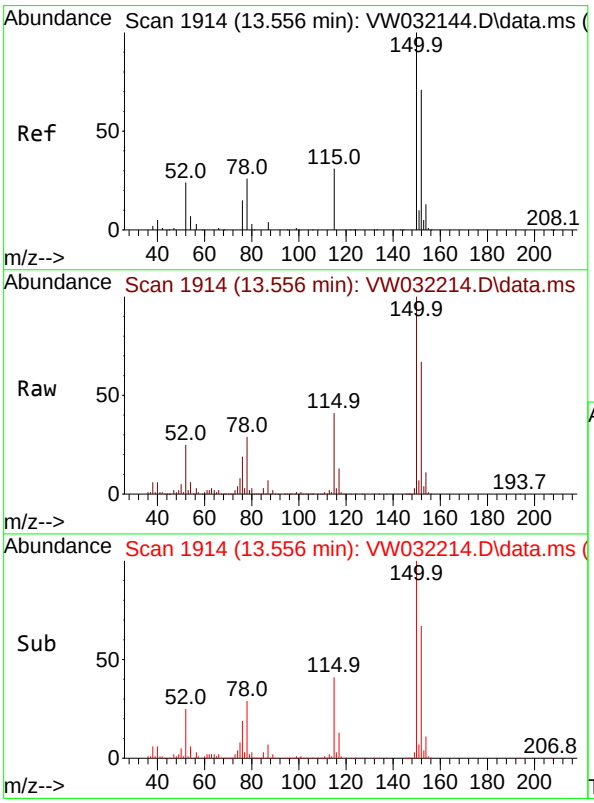
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 337360

Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.7	64.1
119	30.1	25.2	37.8

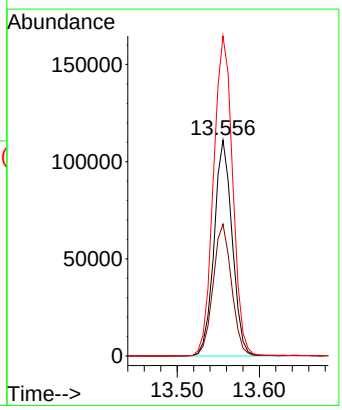




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032214.D
Acq: 19 Sep 2025 14:43

Tgt Ion:152 Resp: 169813

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.8	95.4
150	157.0	0.0	343.0



Raw Data: **VW032215.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.8
Sample Wt/Vol:	5.09 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032215.D	1	09/19/25 15:05	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
71-43-2	Benzene	0.85	U	0.85	5.40	ug/Kg
79-01-6	Trichloroethene	0.87	U	0.87	5.40	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.40	ug/Kg
1330-20-7	Total Xylenes	2.18	U	2.18	16.1	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	43.6		74 - 123	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		17 - 146	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	145000	7.959			
540-36-3	1,4-Difluorobenzene	319000	8.855			
3114-55-4	Chlorobenzene-d5	320000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	158000	13.556			

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\VW091925\
Data File : VW032215.D
Acq On : 19 Sep 2025 15:05
Operator : SY/MD
Sample : Q3155-03
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Quant Time: Sep 19 23:10:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

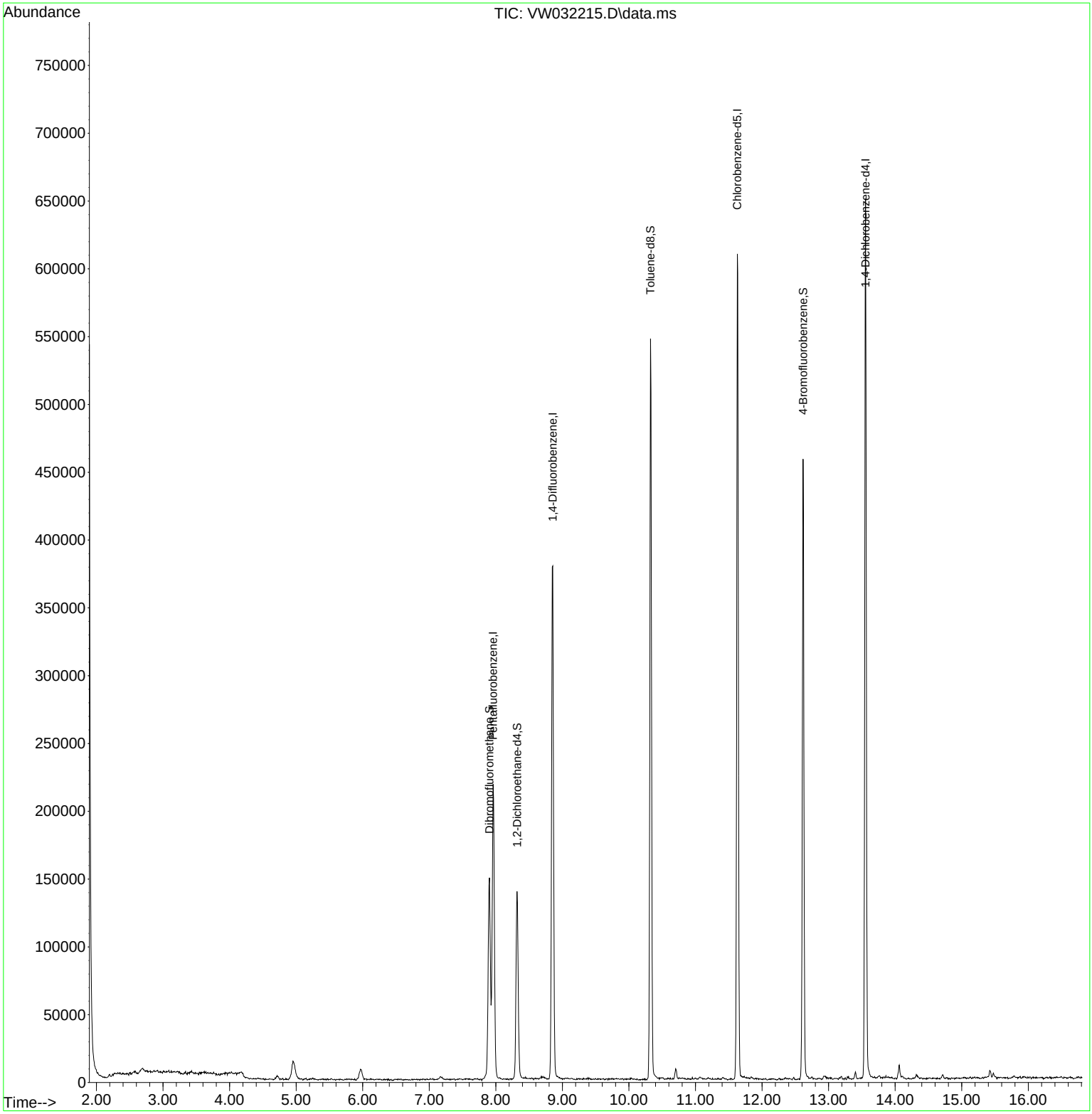
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	145040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	318815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	319906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	158309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	115342	55.606	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.220%			
35) Dibromofluoromethane	7.904	113	104827	46.865	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 93.740%			
50) Toluene-d8	10.325	98	342264	43.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 87.180%			
62) 4-Bromofluorobenzene	12.617	95	141681	48.795	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 97.580%			
Target Compounds						Qvalue

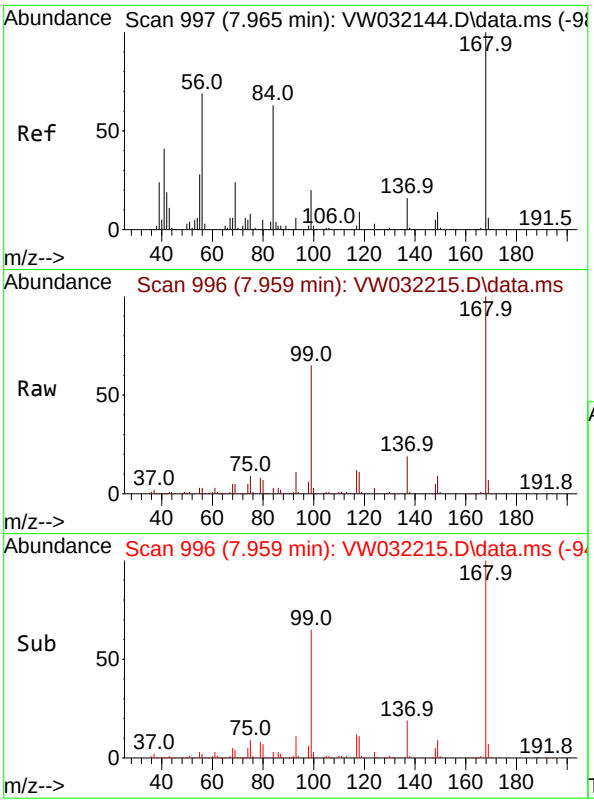
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032215.D
Acq On : 19 Sep 2025 15:05
Operator : SY/MD
Sample : Q3155-03
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Quant Time: Sep 19 23:10:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



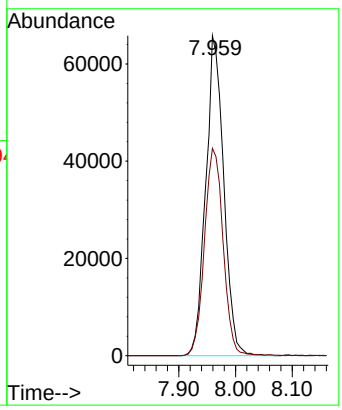


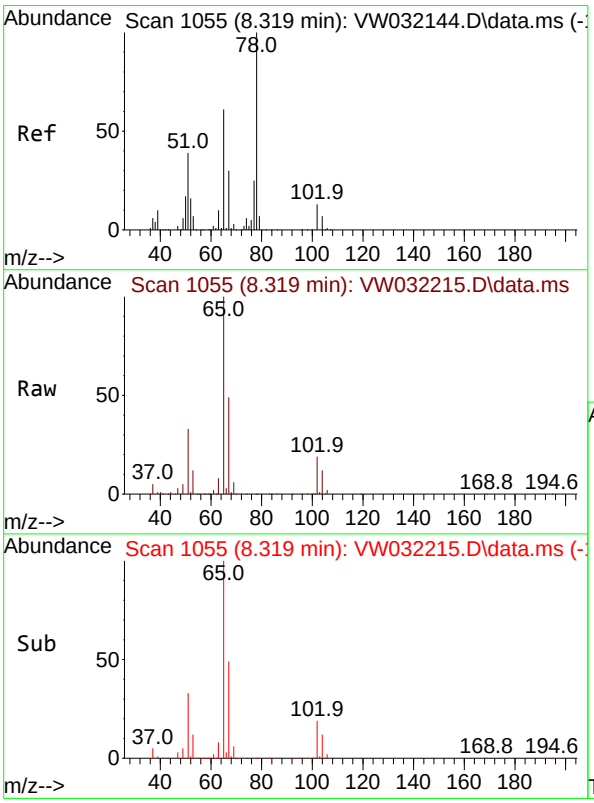
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Tgt Ion:168 Resp: 145040

Ion	Ratio	Lower	Upper
168	100		
99	64.8	49.3	73.9

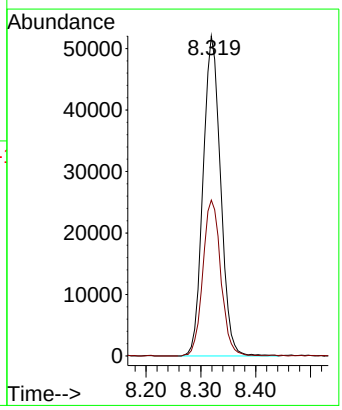


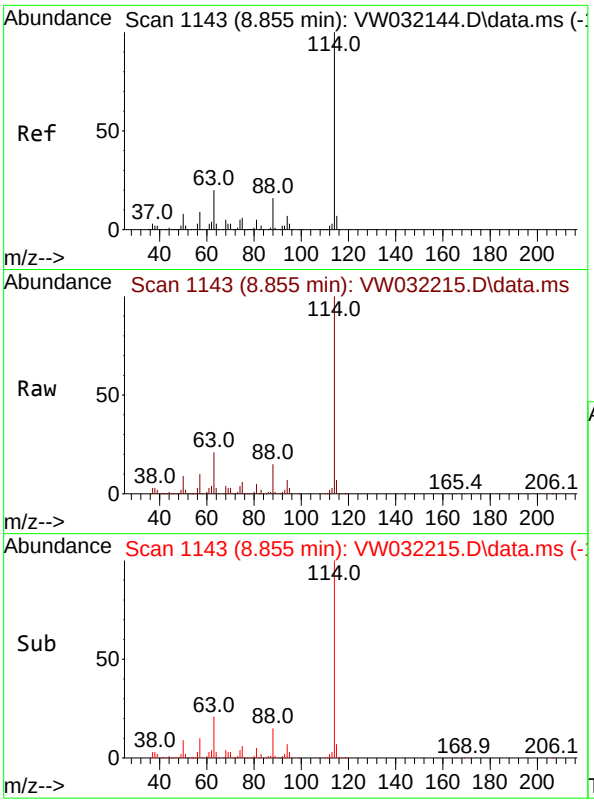


#33
1,2-Dichloroethane-d4
Concen: 55.606 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Tgt Ion: 65 Resp: 115342

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.6



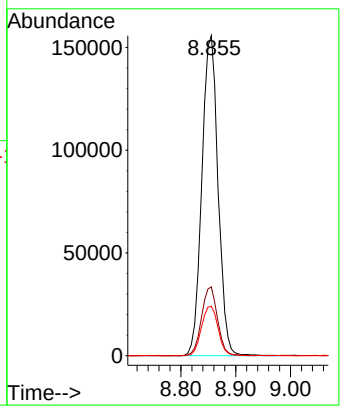


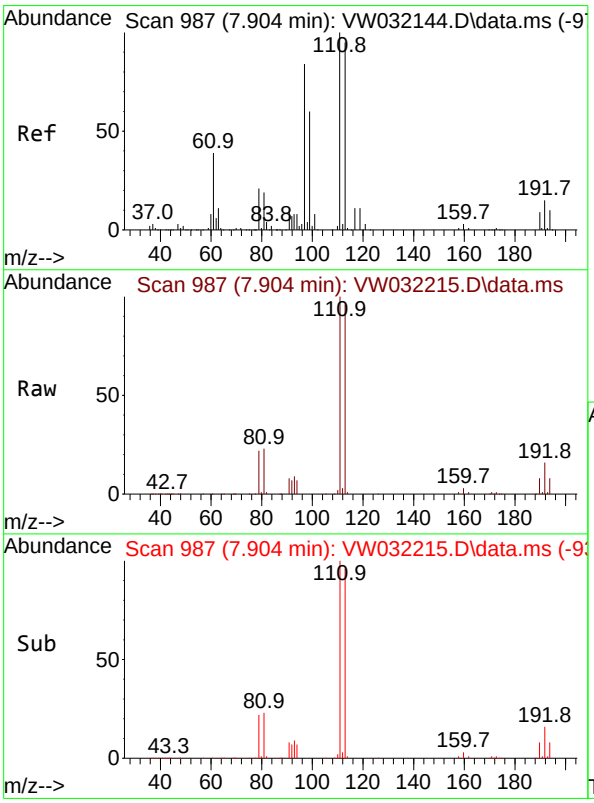
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Tgt Ion:114 Resp: 318815

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	15.5	0.0	32.0

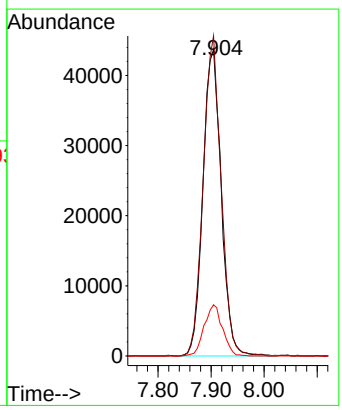


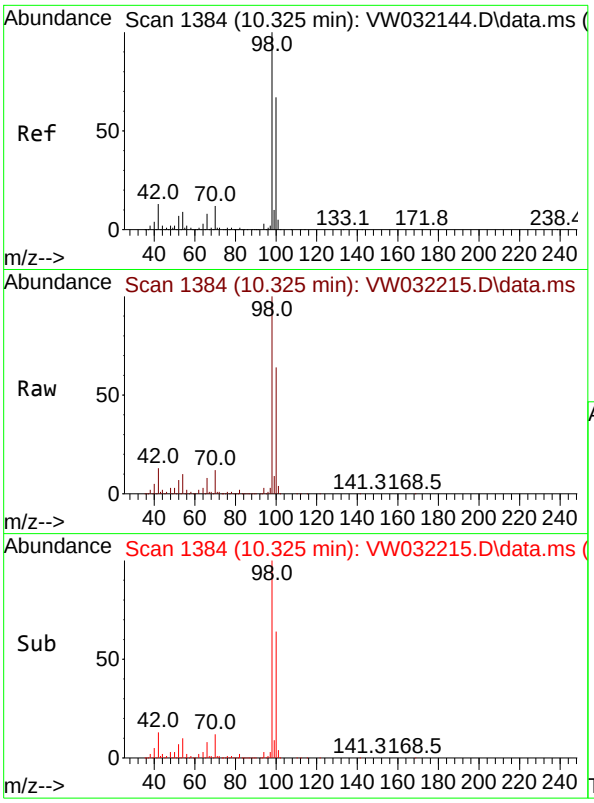


#35
Dibromofluoromethane
Concen: 46.865 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Tgt Ion:113 Resp: 104827

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.9	125.9
192	16.7	14.6	21.8



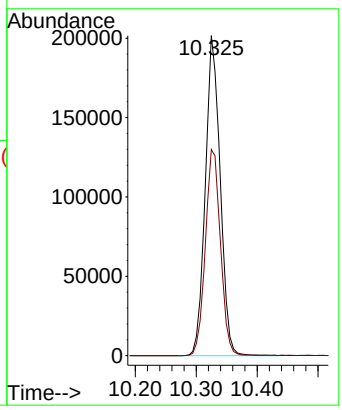


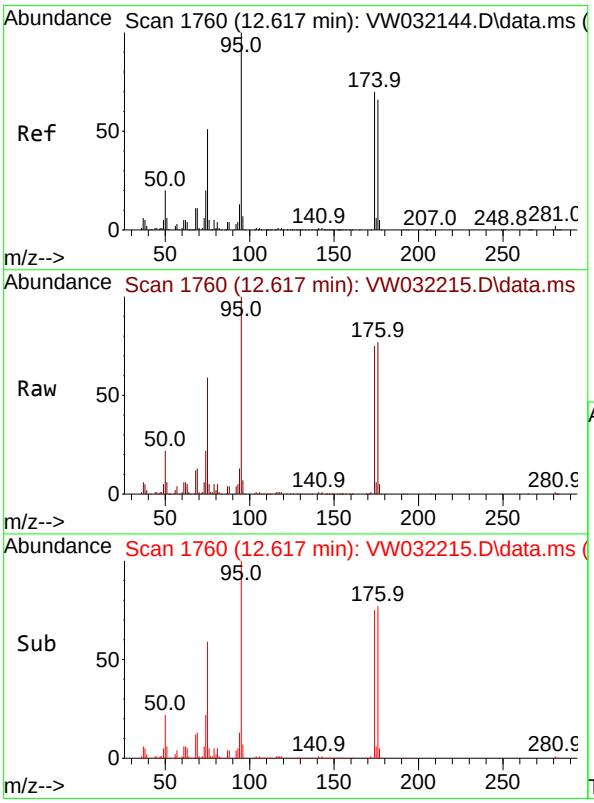
#50
Toluene-d8
Concen: 43.588 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Tgt Ion: 98 Resp: 342264

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2

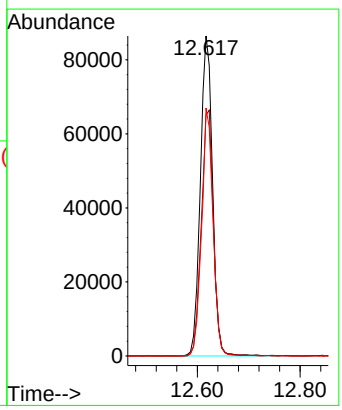


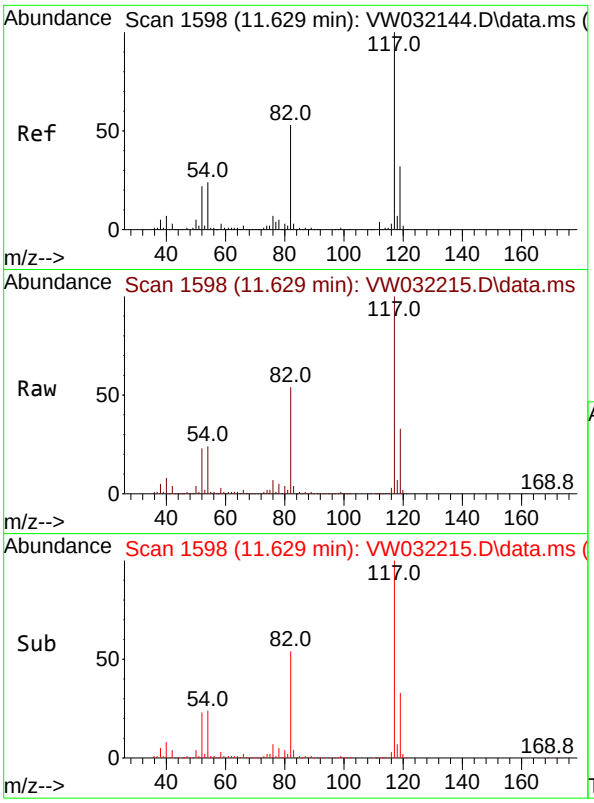


#62
4-Bromofluorobenzene
Concen: 48.795 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Tgt Ion: 95 Resp: 141681

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	145.6
176	72.8	0.0	140.8



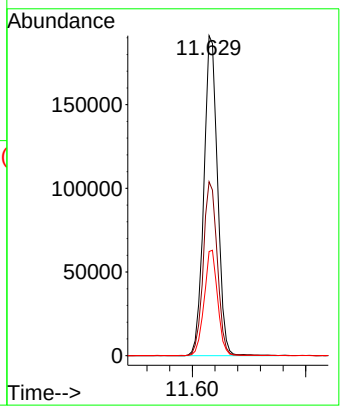


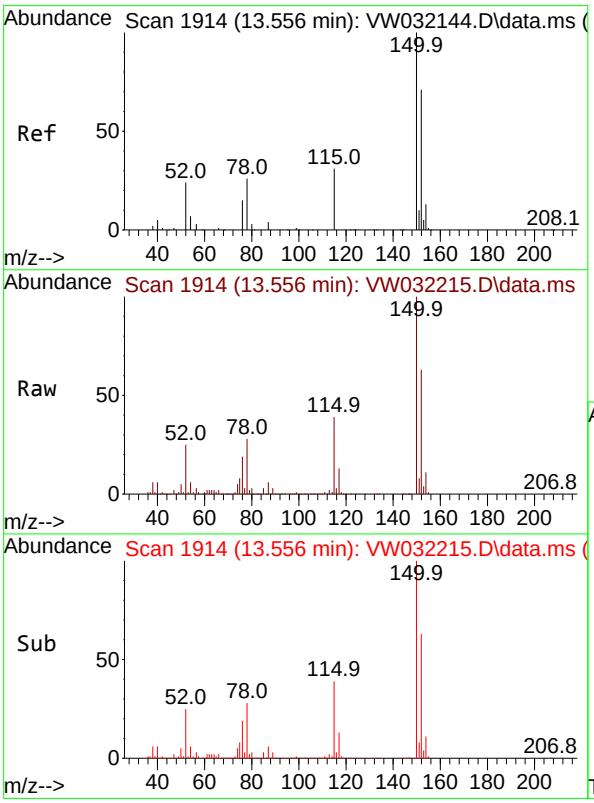
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 319906

Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.7	64.1
119	32.5	25.2	37.8

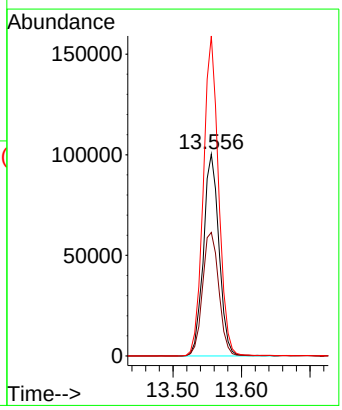




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032215.D
Acq: 19 Sep 2025 15:05

Tgt Ion:152 Resp: 158309

Ion	Ratio	Lower	Upper
152	100		
115	64.2	31.8	95.4
150	155.3	0.0	343.0



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q3155

Instrument ID: MSVOA_W Calibration Date(s): 08/26/2025 08/26/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:39 12:34

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

LAB FILE ID: RRF005 = VW032137.D RRF010 = VW032138.D RRF020 = VW032139.D
RRF100 = VW032141.D RRF150 = VW032142.D RRF050 = VW032144.D

COMPOUND	RRF005	RRF010	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
cis-1,2-Dichloroethene	0.734	0.721	0.722	0.705	0.689	0.739	0.718	2.6
1,1,1-Trichloroethane	0.938	0.907	0.901	0.847	0.839	0.917	0.891	4.5
Benzene	1.381	1.421	1.411	1.363	1.334	1.525	1.406	4.7
Trichloroethene	0.350	0.359	0.352	0.343	0.343	0.374	0.354	3.3
Toluene	0.890	0.920	0.912	0.902	0.879	1.010	0.919	5.1
Ethyl Benzene	1.676	1.823	1.920	1.880	1.862	2.027	1.865	6.2
m/p-Xylenes	0.627	0.700	0.751	0.730	0.699	0.798	0.718	8
o-Xylene	0.581	0.659	0.695	0.688	0.699	0.752	0.679	8.4
Isopropylbenzene	2.833	3.266	3.258	3.570	3.666	3.788	3.397	10.3
1,2-Dichloroethane-d4	0.752	0.715	0.723	0.690	0.713	0.697	0.715	3.1
Dibromofluoromethane	0.367	0.350	0.347	0.335	0.346	0.360	0.351	3.2
Toluene-d8	1.173	1.215	1.235	1.191	1.253	1.322	1.231	4.3
4-Bromofluorobenzene	0.448	0.431	0.450	0.447	0.468	0.489	0.455	4.5

* 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 : 82W082625S.M
Title : SW846 8260
Last Update : Wed Aug 27 04:13:40 2025
Response Via : Initial Calibration

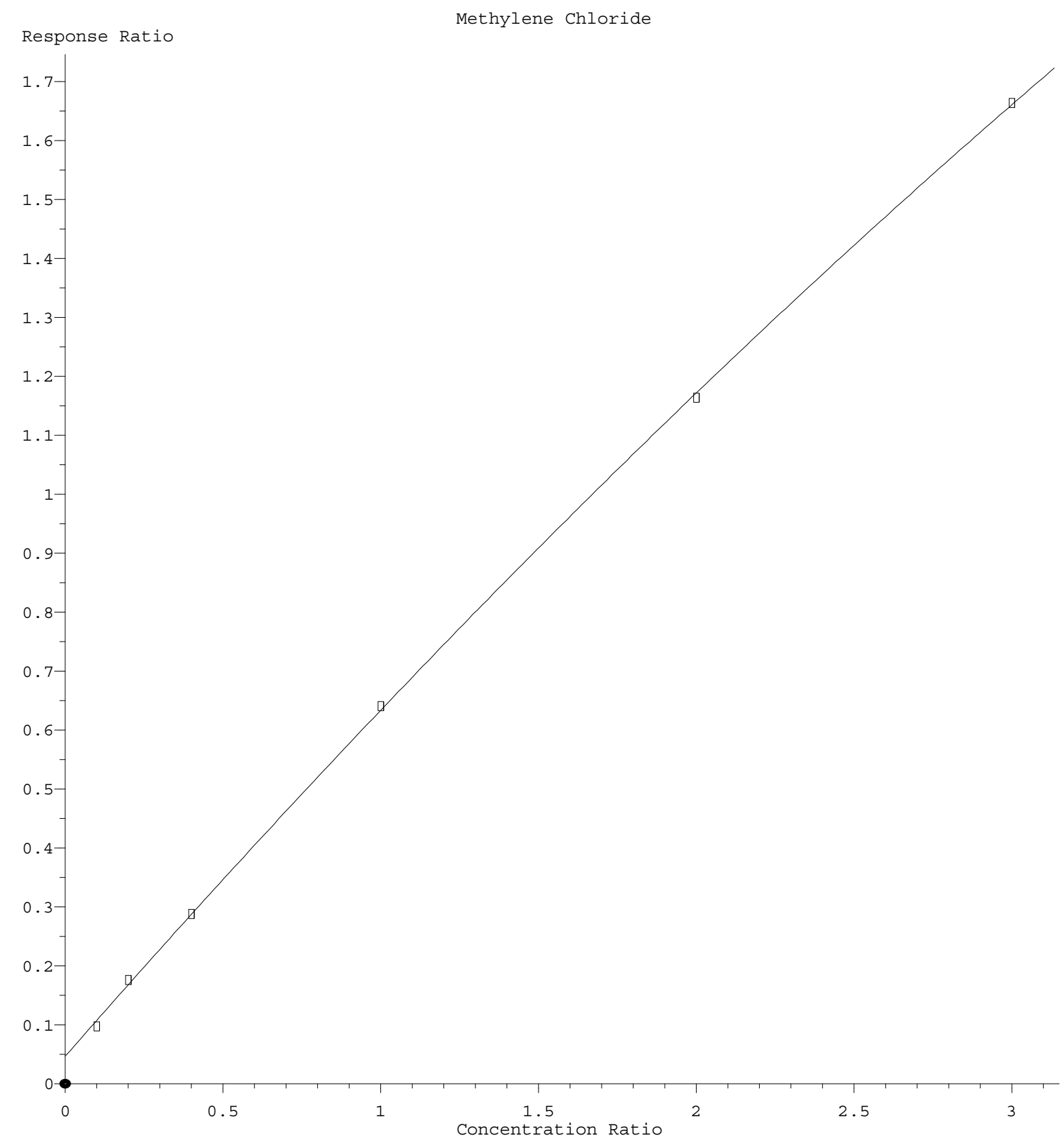
Calibration Files
5 =VW032137.D 10 =VW032138.D 20 =VW032139.D 50 =VW032144.D 100 =VW032141.D 150 =VW032142.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.358	0.346	0.357	0.312	0.306	0.302	0.330	8.02
3)	P	Chloromethane	0.398	0.347	0.341	0.340	0.320	0.330	0.346	7.86
4)	C	Vinyl Chloride	0.490	0.486	0.461	0.444	0.414	0.402	0.450	8.15#
5)	T	Bromomethane	0.459	0.414	0.408	0.374	0.369	0.384	0.401	8.39
6)	T	Chloroethane	0.322	0.335	0.324	0.317	0.298	0.304	0.317	4.34
7)	T	Trichlorofluor...	0.383	0.446	0.455	0.481	0.451	0.457	0.445	7.39
8)	T	Diethyl Ether	0.367	0.349	0.338	0.321	0.313	0.307	0.332	7.01
9)	T	1,1,2-Trichlor...	0.558	0.514	0.514	0.505	0.465	0.454	0.502	7.51
10)	T	Methyl Iodide	0.814	0.800	0.789	0.748	0.733	0.700	0.764	5.78
11)	T	Tert butyl alc...	0.046	0.042	0.040	0.044	0.045	0.044	0.044	4.58
12)	CM	1,1-Dichloroet...	0.582	0.515	0.547	0.536	0.498	0.493	0.528	6.36#
13)	T	Acrolein	0.073	0.069	0.064	0.066	0.065	0.066	0.067	4.70
14)	T	Allyl chloride	0.779	0.746	0.749	0.768	0.741	0.720	0.751	2.79
15)	T	Acrylonitrile	0.152	0.164	0.160	0.164	0.169	0.161	0.162	3.51
16)	T	Acetone	0.178	0.161	0.152	0.157	0.143	0.138	0.155	9.11
17)	T	Carbon Disulfide	1.357	1.337	1.340	1.360	1.279	1.257	1.322	3.26
18)	T	Methyl Acetate	0.494	0.465	0.474	0.515	0.510	0.501	0.493	4.04
19)	T	Methyl tert-bu...	0.981	0.991	1.001	1.051	1.005	0.959	0.998	3.07
20)	T	Methylene Chlo...	0.973	0.880	0.720	0.641	0.582	0.555	0.725	23.25
21)	T	trans-1,2-Dich...	0.597	0.595	0.604	0.609	0.576	0.559	0.590	3.19
22)	T	Diisopropyl ether	1.552	1.595	1.695	1.713	1.641	1.605	1.634	3.78
23)	T	Vinyl Acetate	0.981	1.066	1.109	1.177	1.178	1.154	1.111	6.92
24)	P	1,1-Dichloroet...	1.118	1.083	1.083	1.102	1.026	1.005	1.070	4.16
25)	T	2-Butanone	0.201	0.216	0.217	0.226	0.232	0.223	0.219	4.91
26)	T	2,2-Dichloropr...	0.560	0.561	0.557	0.608	0.563	0.551	0.566	3.67
27)	T	cis-1,2-Dichlo...	0.734	0.721	0.722	0.739	0.705	0.689	0.718	2.61
28)	T	Bromochloromet...	0.499	0.475	0.516	0.486	0.475	0.487	0.490	3.19
29)	T	Tetrahydrofuran	0.131	0.135	0.137	0.142	0.149	0.143	0.139	4.61
30)	C	Chloroform	1.275	1.245	1.229	1.250	1.174	1.154	1.221	3.85#
31)	T	Cyclohexane	1.048	0.930	0.852	0.862	0.796	0.779	0.878	11.25
32)	T	1,1,1-Trichlor...	0.938	0.907	0.901	0.917	0.847	0.839	0.891	4.46
33)	S	1,2-Dichloroet...	0.752	0.715	0.723	0.697	0.690	0.713	0.715	3.07
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.367	0.350	0.347	0.360	0.335	0.346	0.351	3.22
36)	T	1,1-Dichloropr...	0.447	0.460	0.439	0.507	0.443	0.433	0.455	5.99
37)	T	Ethyl Acetate	0.259	0.263	0.257	0.296	0.284	0.278	0.273	5.64
38)	T	Carbon Tetrach...	0.467	0.489	0.480	0.545	0.477	0.467	0.488	6.02
39)	T	Methylcyclohexane	0.486	0.525	0.517	0.617	0.550	0.538	0.539	8.16
40)	TM	Benzene	1.381	1.421	1.411	1.525	1.362	1.334	1.406	4.74
41)	T	Methacrylonitrile	0.152	0.149	0.140	0.158	0.156	0.155	0.152	4.37
42)	TM	1,2-Dichloroet...	0.492	0.494	0.476	0.524	0.471	0.466	0.487	4.38
43)	T	Isopropyl Acetate	0.470	0.488	0.476	0.564	0.538	0.535	0.512	7.63
44)	TM	Trichloroethene	0.350	0.359	0.352	0.374	0.343	0.343	0.354	3.31
45)	C	1,2-Dichloropr...	0.338	0.344	0.337	0.370	0.323	0.322	0.339	5.18#
46)	T	Dibromomethane	0.236	0.247	0.238	0.249	0.232	0.223	0.238	4.07
47)	T	Bromodichlorom...	0.520	0.536	0.527	0.593	0.531	0.533	0.540	4.92
48)	T	Methyl methacr...	0.190	0.213	0.228	0.271	0.257	0.256	0.236	13.06
49)	T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	11.43
50)	S	Toluene-d8	1.173	1.215	1.235	1.322	1.191	1.253	1.231	4.28
51)	T	4-Methyl-2-Pen...	0.260	0.279	0.281	0.317	0.304	0.294	0.289	6.93
52)	CM	Toluene	0.890	0.920	0.912	1.010	0.902	0.879	0.919	5.13#
53)	T	t-1,3-Dichloro...	0.403	0.446	0.451	0.538	0.511	0.510	0.477	10.72
54)	T	cis-1,3-Dichlo...	0.494	0.519	0.523	0.613	0.559	0.555	0.544	7.63
55)	T	1,1,2-Trichlor...	0.306	0.314	0.311	0.322	0.305	0.298	0.309	2.71
56)	T	Ethyl methacry...	0.321	0.366	0.366	0.453	0.428	0.437	0.395	13.12

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W082625S.M

57)	T	1,3-Dichloropr...	0.507	0.524	0.510	0.553	0.514	0.498	0.518	3.73
58)	T	2-Chloroethyl ...	0.171	0.203	0.211	0.223	0.227	0.232	0.211	10.65
59)	T	2-Hexanone	0.173	0.189	0.191	0.223	0.218	0.212	0.201	9.78
60)	T	Dibromochlorom...	0.351	0.360	0.364	0.414	0.380	0.375	0.374	5.96
61)	T	1,2-Dibromoethane	0.283	0.309	0.294	0.333	0.302	0.303	0.304	5.46
62)	S	4-Bromofluorob...	0.448	0.431	0.450	0.489	0.447	0.468	0.455	4.46
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.318	0.332	0.342	0.353	0.322	0.308	0.329	5.04
65)	PM	Chlorobenzene	1.137	1.132	1.194	1.190	1.107	1.069	1.138	4.24
66)	T	1,1,1,2-Tetrac...	0.354	0.379	0.371	0.401	0.371	0.372	0.375	4.08
67)	C	Ethyl Benzene	1.676	1.823	1.920	2.027	1.880	1.862	1.865	6.21#
68)	T	m/p-Xylenes	0.627	0.700	0.751	0.798	0.730	0.699	0.718	8.02
69)	T	o-Xylene	0.581	0.659	0.695	0.752	0.688	0.699	0.679	8.36
70)	T	Styrene	1.006	1.160	1.246	1.324	1.223	1.221	1.197	8.97
71)	P	Bromoform	0.203	0.212	0.216	0.237	0.230	0.238	0.223	6.48
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.833	3.266	3.258	3.788	3.570	3.666	3.397	10.28
74)	T	N-amyl acetate	0.836	0.896	0.942	1.070	1.061	1.112	0.986	11.21
75)	P	1,1,2,2-Tetrac...	0.778	0.800	0.774	0.851	0.814	0.827	0.807	3.67
76)	T	1,2,3-Trichlor...	0.626	0.597	0.685	0.637	0.604	0.610	0.626	5.16
77)	T	Bromobenzene	0.815	0.844	0.864	0.947	0.825	0.904	0.866	5.82
78)	T	n-propylbenzene	3.525	4.066	4.016	4.548	4.238	4.351	4.124	8.53
79)	T	2-Chlorotoluene	2.250	2.469	2.469	2.758	2.552	2.633	2.522	6.83
80)	T	1,3,5-Trimethy...	2.411	2.790	2.815	3.210	2.968	3.063	2.876	9.62
81)	T	trans-1,4-Dich...	0.180	0.199	0.210	0.260	0.269	0.279	0.233	17.95
82)	T	4-Chlorotoluene	2.427	2.670	2.670	2.995	2.683	2.753	2.699	6.77
83)	T	tert-Butylbenzene	2.048	2.335	2.346	2.827	2.480	2.594	2.439	10.83
84)	T	1,2,4-Trimethy...	2.529	2.821	2.989	3.353	3.024	3.136	2.975	9.44
85)	T	sec-Butylbenzene	3.211	3.461	3.534	4.127	3.647	3.864	3.641	8.81
86)	T	p-Isopropyltol...	2.625	2.963	3.065	3.517	3.116	3.291	3.096	9.75
87)	T	1,3-Dichlorobe...	1.661	1.817	1.681	1.899	1.710	1.698	1.744	5.34
88)	T	1,4-Dichlorobe...	1.723	1.810	1.714	1.828	1.656	1.759	1.748	3.66
89)	T	n-Butylbenzene	2.571	2.782	2.819	3.337	3.061	3.140	2.952	9.42
90)	T	Hexachloroethane	0.538	0.556	0.524	0.609	0.566	0.605	0.566	6.15
91)	T	1,2-Dichlorobe...	1.511	1.515	1.603	1.561	1.536	1.539	1.544	2.21
92)	T	1,2-Dibromo-3-...	0.133	0.128	0.139	0.146	0.154	0.156	0.143	8.00
93)	T	1,2,4-Trichlor...	0.870	0.994	0.991	1.087	0.963	1.015	0.987	7.20
94)	T	Hexachlorobuta...	0.495	0.472	0.492	0.553	0.450	0.474	0.489	7.22
95)	T	Naphthalene	1.790	1.985	2.127	2.467	2.504	2.525	2.233	13.91
96)	T	1,2,3-Trichlor...	0.832	0.916	0.886	0.968	0.938	0.965	0.918	5.67

(#) = Out of Range



R = -2.447e-002 A*A + 6.115e-001 A + 4.664e-002
Coef of Det (r^2) = 0.999852 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA W\Method\82W082625S.M
Calibration Table Last Updated: Wed Aug 27 04:13:40 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	206660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	370444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	346771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	15541	5.258	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	10.520%#		
35) Dibromofluoromethane	7.904	113	13601	5.233	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.460%#		
50) Toluene-d8	10.325	98	43464	4.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	9.520%#		
62) 4-Bromofluorobenzene	12.617	95	16578	4.914	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	9.820%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	7405	5.427	ug/l	92
3) Chloromethane	2.253	50	8229	5.752	ug/l	99
4) Vinyl Chloride	2.399	62	10135	5.455	ug/l	92
5) Bromomethane	2.832	94	9495	5.722	ug/l	91
6) Chloroethane	2.966	64	6650	5.082	ug/l	90
7) Trichlorofluoromethane	3.302	101	7914	4.299	ug/l	99
8) Diethyl Ether	3.722	74	7589	5.524	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	11532	5.560	ug/l	94
10) Methyl Iodide	4.301	142	16828	5.329	ug/l	98
11) Tert butyl alcohol	5.204	59	4756	26.308	ug/l #	88
12) 1,1-Dichloroethene	4.076	96	12023	5.505	ug/l	94
13) Acrolein	3.936	56	7536	27.119	ug/l	93
14) Allyl chloride	4.704	41	16108	5.192	ug/l	99
15) Acrylonitrile	5.405	53	15695	23.497	ug/l	96
16) Acetone	4.155	43	18385	28.723	ug/l	97
17) Carbon Disulfide	4.417	76	28048	5.134	ug/l	96
18) Methyl Acetate	4.698	43	10206	5.004	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	20274	4.916	ug/l	92
20) Methylene Chloride	4.954	84	20105	4.155	ug/l	92
21) trans-1,2-Dichloroethene	5.454	96	12345	5.060	ug/l	94
22) Diisopropyl ether	6.338	45	32072	4.750	ug/l	91
23) Vinyl Acetate	6.277	43	101339	22.074	ug/l	99
24) 1,1-Dichloroethane	6.234	63	23105	5.227	ug/l	99
25) 2-Butanone	7.191	43	20788	22.919	ug/l	100
26) 2,2-Dichloropropane	7.185	77	11564	4.940	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	15178	5.112	ug/l	96
28) Bromochloromethane	7.532	49	10305	5.092	ug/l	97
29) Tetrahydrofuran	7.551	42	13561	23.528	ug/l	97
30) Chloroform	7.691	83	26348	5.220	ug/l	94
31) Cyclohexane	7.965	56	21648	5.966	ug/l #	83
32) 1,1,1-Trichloroethane	7.892	97	19386	5.262	ug/l	98
36) 1,1-Dichloropropene	8.093	75	16546	4.910	ug/l	98
37) Ethyl Acetate	7.282	43	9606	4.752	ug/l #	96
38) Carbon Tetrachloride	8.081	117	17291	4.786	ug/l	99
39) Methylcyclohexane	9.343	83	18002	4.510	ug/l	90
40) Benzene	8.331	78	51163	4.912	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	5632	5.015	ug/l	#	85
42) 1,2-Dichloroethane	8.410	62	18244	5.052	ug/l		97
43) Isopropyl Acetate	8.435	43	17422	4.594	ug/l		97
44) Trichloroethene	9.099	130	12977	4.954	ug/l		100
45) 1,2-Dichloropropane	9.374	63	12512	4.983	ug/l		97
46) Dibromomethane	9.465	93	8740	4.962	ug/l		97
47) Bromodichloromethane	9.648	83	19254	4.811	ug/l		93
48) Methyl methacrylate	9.441	41	7054	4.036	ug/l		89
49) 1,4-Dioxane	9.459	88	1889	88.770	ug/l	#	38
51) 4-Methyl-2-Pentanone	10.215	43	48128	22.475	ug/l		96
52) Toluene	10.386	92	32955	4.841	ug/l		95
53) t-1,3-Dichloropropene	10.611	75	14930	4.229	ug/l		96
54) cis-1,3-Dichloropropene	10.081	75	18295	4.541	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	11334	4.949	ug/l		90
56) Ethyl methacrylate	10.648	69	11883	4.058	ug/l		97
57) 1,3-Dichloropropane	10.934	76	18781	4.897	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	31610	20.226	ug/l		100
59) 2-Hexanone	10.971	43	32049	21.520	ug/l		94
60) Dibromochloromethane	11.129	129	13014	4.696	ug/l		97
61) 1,2-Dibromoethane	11.239	107	10499	4.662	ug/l		91
64) Tetrachloroethene	10.861	164	11029	4.832	ug/l	#	85
65) Chlorobenzene	11.660	112	39417	4.994	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	12280	4.726	ug/l		96
67) Ethyl Benzene	11.733	91	58107	4.493	ug/l		100
68) m/p-Xylenes	11.843	106	43484	8.737	ug/l		96
69) o-Xylene	12.160	106	20131	4.276	ug/l		95
70) Styrene	12.178	104	34891	4.204	ug/l		98
71) Bromoform	12.349	173	7031	4.556	ug/l	#	100
73) Isopropylbenzene	12.464	105	51013	4.170	ug/l		100
74) N-amyl acetate	12.269	43	15062	4.241	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.708	83	14008	4.818	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	11273m	4.835	ug/l		
77) Bromobenzene	12.745	156	14669	4.702	ug/l		96
78) n-propylbenzene	12.800	91	63470	4.274	ug/l		97
79) 2-Chlorotoluene	12.891	91	40515	4.461	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	43406	4.191	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.513	75	3233	3.859	ug/l		91
82) 4-Chlorotoluene	12.983	91	43697	4.495	ug/l		98
83) tert-Butylbenzene	13.202	119	36884	4.200	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	45544	4.250	ug/l		99
85) sec-Butylbenzene	13.379	105	57822	4.410	ug/l		99
86) p-Isopropyltoluene	13.495	119	47272	4.240	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	29910	4.762	ug/l		95
88) 1,4-Dichlorobenzene	13.580	146	31029	4.929	ug/l		97
89) n-Butylbenzene	13.818	91	46303	4.356	ug/l		97
90) Hexachloroethane	14.086	117	9687	4.750	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	27202	4.891	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	2386	4.646	ug/l		90
93) 1,2,4-Trichlorobenzene	15.129	180	15663	4.408	ug/l		96
94) Hexachlorobutadiene	15.226	225	8916	5.060	ug/l		99
95) Naphthalene	15.354	128	32224	4.007	ug/l		99
96) 1,2,3-Trichlorobenzene	15.543	180	14982	4.534	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 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

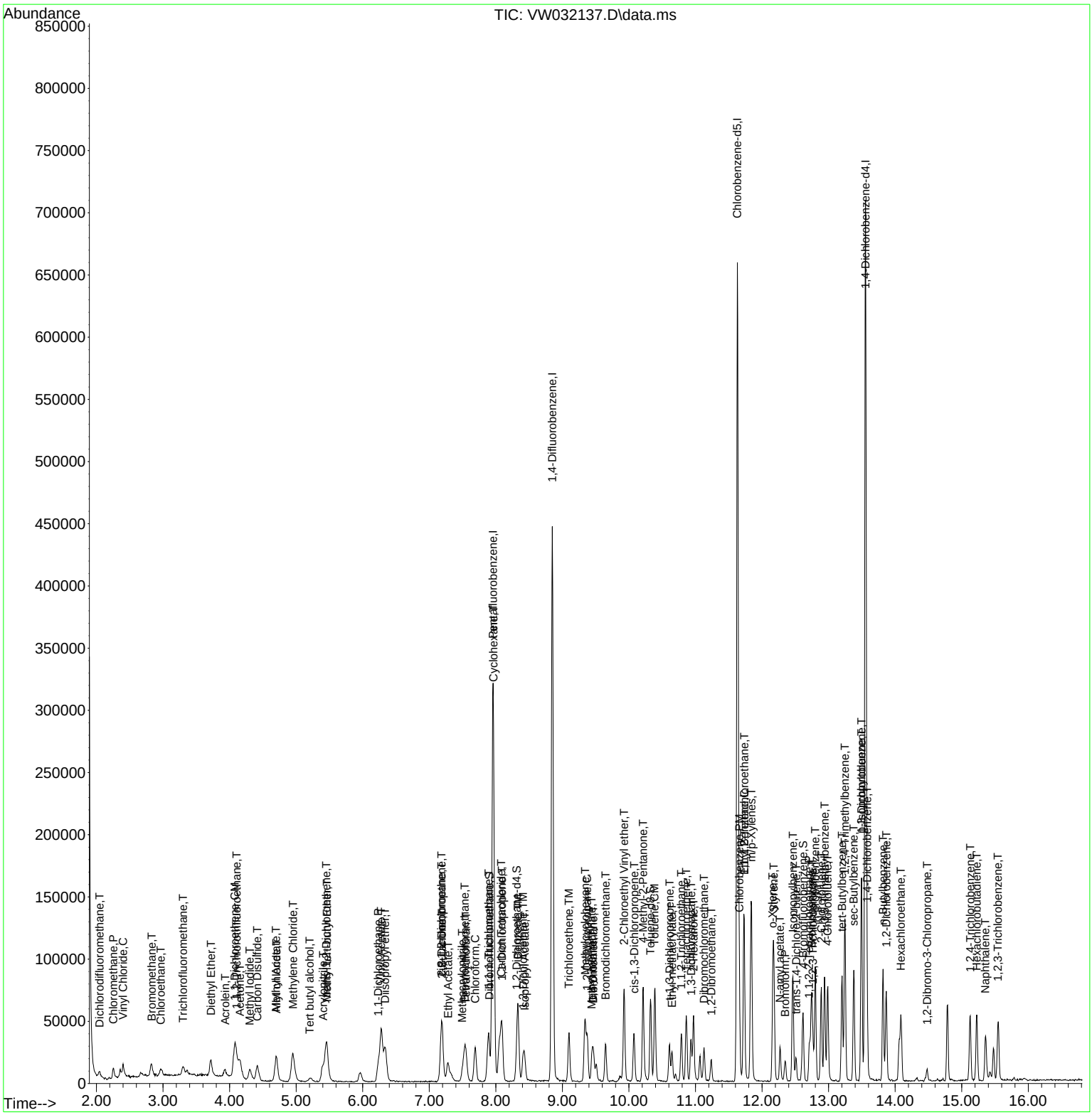
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	211234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	363619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	338426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	30225	10.005	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	20.020%#		
35) Dibromofluoromethane	7.898	113	25460	9.980	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	19.960%#		
50) Toluene-d8	10.331	98	88342	9.864	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	19.720%#		
62) 4-Bromofluorobenzene	12.617	95	31333	9.461	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	18.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	14618	10.482	ug/l	89
3) Chloromethane	2.253	50	14677	10.037	ug/l	99
4) Vinyl Chloride	2.405	62	20537	10.813	ug/l	95
5) Bromomethane	2.826	94	17493	10.314	ug/l	94
6) Chloroethane	2.966	64	14154	10.582	ug/l	98
7) Trichlorofluoromethane	3.308	101	18838	10.011	ug/l	97
8) Diethyl Ether	3.722	74	14749	10.503	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	21714	10.243	ug/l	98
10) Methyl Iodide	4.307	142	33798	10.471	ug/l	98
11) Tert butyl alcohol	5.222	59	8976	48.576	ug/l #	84
12) 1,1-Dichloroethene	4.082	96	21754	9.744	ug/l	94
13) Acrolein	3.929	56	14491	51.017	ug/l	99
14) Allyl chloride	4.704	41	31497	9.932	ug/l	99
15) Acrylonitrile	5.399	53	34723	50.858	ug/l	99
16) Acetone	4.161	43	33956	51.901	ug/l	94
17) Carbon Disulfide	4.417	76	56470	10.113	ug/l	99
18) Methyl Acetate	4.710	43	19652	9.428	ug/l	97
19) Methyl tert-butyl Ether	5.472	73	41859	9.929	ug/l	99
20) Methylene Chloride	4.948	84	37160	10.662	ug/l	92
21) trans-1,2-Dichloroethene	5.454	96	25148	10.084	ug/l	96
22) Diisopropyl ether	6.338	45	67403	9.766	ug/l #	87
23) Vinyl Acetate	6.289	43	225264	48.006	ug/l	97
24) 1,1-Dichloroethane	6.240	63	45759	10.127	ug/l	98
25) 2-Butanone	7.197	43	45718	49.314	ug/l	96
26) 2,2-Dichloropropane	7.185	77	23694	9.902	ug/l	96
27) cis-1,2-Dichloroethene	7.197	96	30439	10.030	ug/l	98
28) Bromochloromethane	7.532	49	20056	9.697	ug/l	97
29) Tetrahydrofuran	7.551	42	28428	48.254	ug/l	100
30) Chloroform	7.697	83	52596	10.195	ug/l	97
31) Cyclohexane	7.965	56	39275	10.590	ug/l #	86
32) 1,1,1-Trichloroethane	7.886	97	38320	10.176	ug/l	100
36) 1,1-Dichloropropene	8.093	75	33450	10.113	ug/l	98
37) Ethyl Acetate	7.276	43	19121	9.636	ug/l	97
38) Carbon Tetrachloride	8.081	117	35561	10.029	ug/l	97
39) Methylcyclohexane	9.343	83	38190	9.748	ug/l	92
40) Benzene	8.337	78	103343	10.107	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	10841	9.834	ug/l		93
42) 1,2-Dichloroethane	8.416	62	35957	10.144	ug/l		97
43) Isopropyl Acetate	8.441	43	35470	9.528	ug/l		96
44) Trichloroethene	9.099	130	26114	10.156	ug/l		85
45) 1,2-Dichloropropane	9.374	63	25046	10.162	ug/l		100
46) Dibromomethane	9.465	93	17993	10.408	ug/l		98
47) Bromodichloromethane	9.654	83	39005	9.928	ug/l		100
48) Methyl methacrylate	9.441	41	15484	9.026	ug/l		88
49) 1,4-Dioxane	9.465	88	3437	164.547	ug/l	#	77
51) 4-Methyl-2-Pentanone	10.215	43	101528	48.302	ug/l		98
52) Toluene	10.392	92	66895	10.012	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	32461	9.366	ug/l		96
54) cis-1,3-Dichloropropene	10.081	75	37752	9.547	ug/l		97
55) 1,1,2-Trichloroethane	10.794	97	22801	10.143	ug/l		94
56) Ethyl methacrylate	10.648	69	26610	9.259	ug/l		97
57) 1,3-Dichloropropane	10.934	76	38090	10.119	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	73697	48.041	ug/l		99
59) 2-Hexanone	10.971	43	68690	46.989	ug/l		97
60) Dibromochloromethane	11.129	129	26185	9.626	ug/l		95
61) 1,2-Dibromoethane	11.239	107	22442	10.151	ug/l		100
64) Tetrachloroethene	10.861	164	22486	10.095	ug/l		92
65) Chlorobenzene	11.654	112	76630	9.948	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	25682	10.127	ug/l		98
67) Ethyl Benzene	11.733	91	123370	9.775	ug/l		97
68) m/p-Xylenes	11.843	106	94822	19.521	ug/l		99
69) o-Xylene	12.166	106	44610	9.709	ug/l		95
70) Styrene	12.178	104	78501	9.692	ug/l		98
71) Bromoform	12.349	173	14353	9.529	ug/l	#	96
73) Isopropylbenzene	12.464	105	113135	9.615	ug/l		99
74) N-amyl acetate	12.276	43	31026	9.082	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	27712	9.910	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	20674m	9.219	ug/l		
77) Bromobenzene	12.745	156	29230	9.741	ug/l		99
78) n-propylbenzene	12.800	91	140832	9.858	ug/l		97
79) 2-Chlorotoluene	12.891	91	85542	9.792	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	96634	9.700	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	6880	8.537	ug/l		91
82) 4-Chlorotoluene	12.989	91	92476	9.890	ug/l		99
83) tert-Butylbenzene	13.202	119	80888	9.576	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	97711	9.480	ug/l		99
85) sec-Butylbenzene	13.379	105	119897	9.507	ug/l		98
86) p-Isopropyltoluene	13.495	119	102643	9.570	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	62937	10.417	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	62683	10.351	ug/l		98
89) n-Butylbenzene	13.818	91	96382	9.426	ug/l		97
90) Hexachloroethane	14.086	117	19253	9.814	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	52479	9.811	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	4440	8.988	ug/l		99
93) 1,2,4-Trichlorobenzene	15.129	180	34429	10.074	ug/l		96
94) Hexachlorobutadiene	15.226	225	16347	9.644	ug/l		92
95) Naphthalene	15.360	128	68744	8.888	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	31730	9.983	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 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

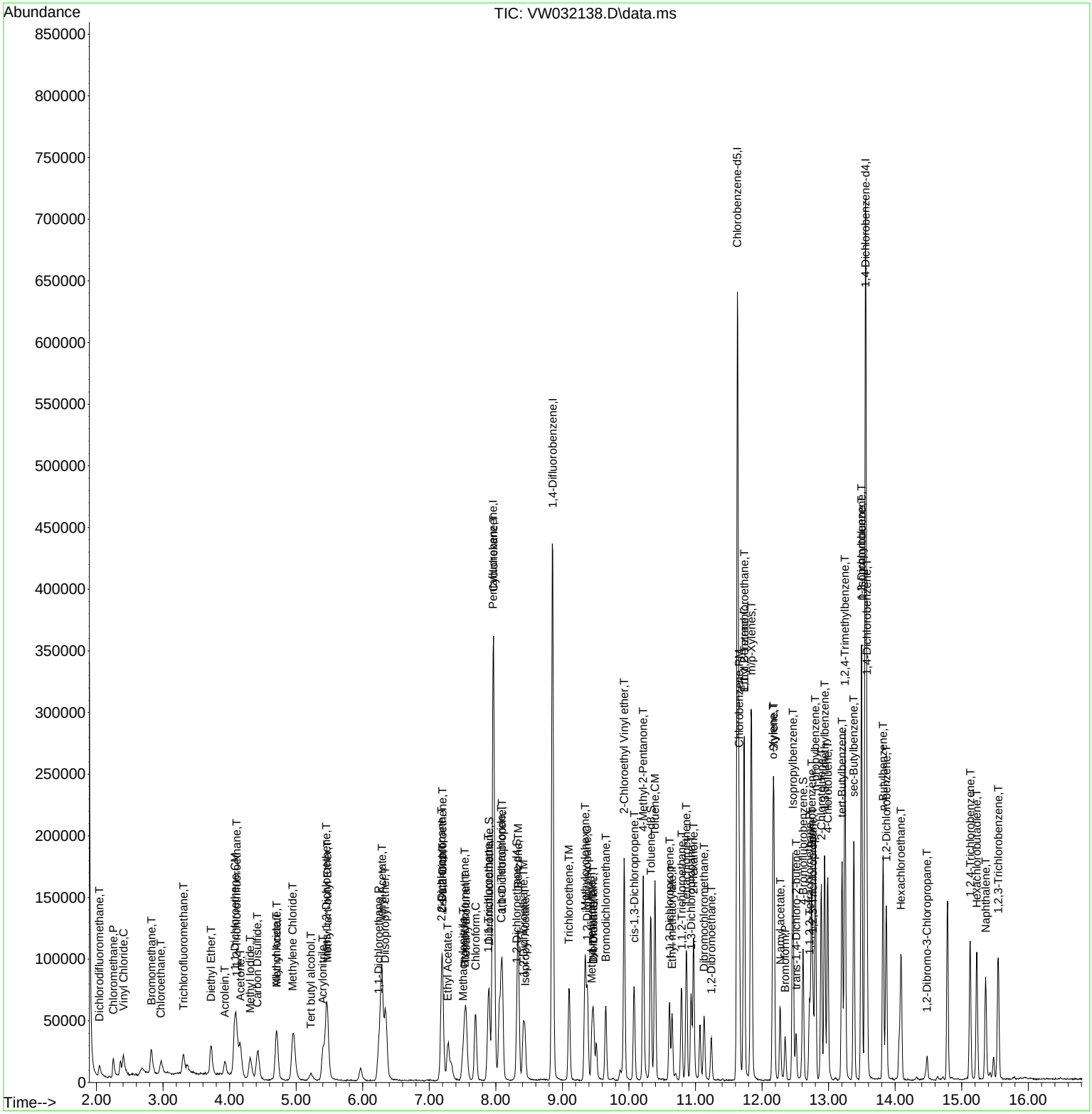
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 03:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	207241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	361729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	320041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	59949	20.227	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 40.460%#			
35) Dibromofluoromethane	7.898	113	50193	19.778	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 39.560%#			
50) Toluene-d8	10.325	98	178639	20.051	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 40.100%#			
62) 4-Bromofluorobenzene	12.617	95	65158	19.778	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 39.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	29597	21.631	ug/l	99
3) Chloromethane	2.253	50	28262	19.700	ug/l	99
4) Vinyl Chloride	2.405	62	38242	20.524	ug/l	99
5) Bromomethane	2.826	94	33838	20.336	ug/l	98
6) Chloroethane	2.972	64	26882	20.486	ug/l	99
7) Trichlorofluoromethane	3.308	101	37746	20.445	ug/l	95
8) Diethyl Ether	3.716	74	28021	20.338	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	42610	20.488	ug/l	98
10) Methyl Iodide	4.314	142	65366	20.641	ug/l	100
11) Tert butyl alcohol	5.222	59	16747	92.377	ug/l	96
12) 1,1-Dichloroethene	4.076	96	45354	20.707	ug/l	98
13) Acrolein	3.930	56	26614	95.503	ug/l	97
14) Allyl chloride	4.704	41	62098	19.960	ug/l	98
15) Acrylonitrile	5.399	53	66397	99.123	ug/l	97
16) Acetone	4.161	43	63129	98.351	ug/l	96
17) Carbon Disulfide	4.417	76	111058	20.273	ug/l	99
18) Methyl Acetate	4.710	43	39333	19.232	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	83004	20.069	ug/l	98
20) Methylene Chloride	4.960	84	59672	20.052	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	50083	20.469	ug/l	96
22) Diisopropyl ether	6.344	45	140521	20.752	ug/l	97
23) Vinyl Acetate	6.283	43	459708	99.855	ug/l	98
24) 1,1-Dichloroethane	6.246	63	89798	20.257	ug/l	99
25) 2-Butanone	7.197	43	89904	98.843	ug/l	100
26) 2,2-Dichloropropane	7.191	77	46138	19.654	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	59877	20.111	ug/l	99
28) Bromochloromethane	7.533	49	42759	21.071	ug/l	99
29) Tetrahydrofuran	7.551	42	56627	97.972	ug/l	99
30) Chloroform	7.691	83	101880	20.129	ug/l	100
31) Cyclohexane	7.972	56	70667	19.422	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	74668	20.210	ug/l	100
36) 1,1-Dichloropropene	8.100	75	63503	19.299	ug/l	96
37) Ethyl Acetate	7.277	43	37254	18.873	ug/l	98
38) Carbon Tetrachloride	8.081	117	69501	19.703	ug/l	95
39) Methylcyclohexane	9.343	83	74848	19.204	ug/l	96
40) Benzene	8.337	78	204224	20.078	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	20198	18.417	ug/l		96
42) 1,2-Dichloroethane	8.417	62	68894	19.538	ug/l		99
43) Isopropyl Acetate	8.435	43	68811	18.582	ug/l		97
44) Trichloroethene	9.105	130	50885	19.893	ug/l		84
45) 1,2-Dichloropropane	9.380	63	48708	19.865	ug/l		94
46) Dibromomethane	9.465	93	34506	20.064	ug/l		96
47) Bromodichloromethane	9.654	83	76320	19.528	ug/l		98
48) Methyl methacrylate	9.441	41	33017	19.347	ug/l		95
49) 1,4-Dioxane	9.465	88	8958	431.107	ug/l		95
51) 4-Methyl-2-Pentanone	10.215	43	203375	97.262	ug/l		99
52) Toluene	10.392	92	132013	19.861	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	65239	18.922	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	75706	19.244	ug/l		95
55) 1,1,2-Trichloroethane	10.788	97	45028	20.135	ug/l		95
56) Ethyl methacrylate	10.648	69	52974	18.528	ug/l		97
57) 1,3-Dichloropropane	10.934	76	73802	19.709	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	152569	99.976	ug/l		100
59) 2-Hexanone	10.971	43	138236	95.057	ug/l		100
60) Dibromochloromethane	11.129	129	52616	19.443	ug/l		99
61) 1,2-Dibromoethane	11.239	107	42542	19.344	ug/l		99
64) Tetrachloroethene	10.867	164	43742	20.766	ug/l		90
65) Chlorobenzene	11.660	112	152888	20.988	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.727	131	47518	19.813	ug/l		97
67) Ethyl Benzene	11.733	91	245828	20.597	ug/l		100
68) m/p-Xylenes	11.843	106	192351	41.875	ug/l		100
69) o-Xylene	12.166	106	88921	20.465	ug/l		100
70) Styrene	12.178	104	159523	20.828	ug/l		98
71) Bromoform	12.349	173	27643	19.407	ug/l	#	96
73) Isopropylbenzene	12.465	105	224854	19.185	ug/l		99
74) N-amyl acetate	12.270	43	64999	19.102	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.715	83	53386	19.167	ug/l		96
76) 1,2,3-Trichloropropane	12.769	75	47279m	21.166	ug/l		
77) Bromobenzene	12.745	156	59590	19.938	ug/l		96
78) n-propylbenzene	12.800	91	277146	19.477	ug/l		98
79) 2-Chlorotoluene	12.891	91	170359	19.579	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	194222	19.573	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	14477	18.035	ug/l		94
82) 4-Chlorotoluene	12.989	91	184235	19.781	ug/l		98
83) tert-Butylbenzene	13.202	119	161867	19.239	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	206247	20.090	ug/l		98
85) sec-Butylbenzene	13.379	105	243871	19.414	ug/l		100
86) p-Isopropyltoluene	13.495	119	211483	19.797	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	115970	19.271	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	118257	19.605	ug/l		97
89) n-Butylbenzene	13.818	91	194525	19.099	ug/l		99
90) Hexachloroethane	14.092	117	36162	18.506	ug/l		95
91) 1,2-Dichlorobenzene	13.867	146	110612	20.761	ug/l		91
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9570	19.449	ug/l		93
93) 1,2,4-Trichlorobenzene	15.129	180	68392	20.091	ug/l		98
94) Hexachlorobutadiene	15.226	225	33947	20.108	ug/l		99
95) Naphthalene	15.360	128	146800	19.055	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	61140	19.313	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 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

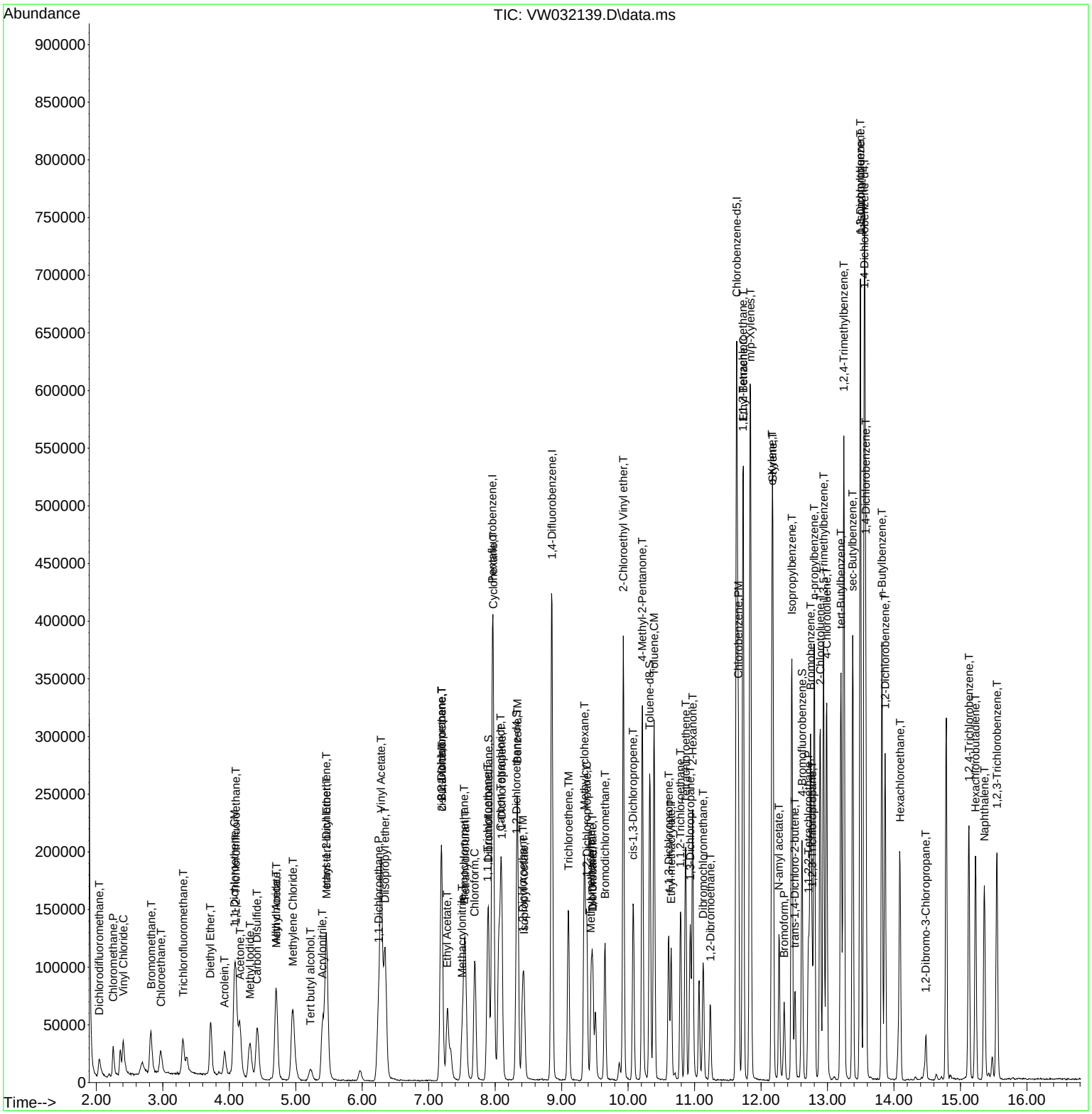
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	214311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	368598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	341675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	295629	96.455	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 192.920%#			
35) Dibromofluoromethane	7.904	113	246791	95.431	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 190.860%#			
50) Toluene-d8	10.325	98	878263	96.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 193.480%#			
62) 4-Bromofluorobenzene	12.617	95	329277	98.087	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 196.180%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	130979	92.569	ug/l	98
3) Chloromethane	2.259	50	137307	92.554	ug/l	98
4) Vinyl Chloride	2.405	62	177256	91.991	ug/l	99
5) Bromomethane	2.820	94	158181	91.928	ug/l	99
6) Chloroethane	2.966	64	127686	94.095	ug/l	99
7) Trichlorofluoromethane	3.301	101	193157	101.172	ug/l	97
8) Diethyl Ether	3.722	74	134040	94.079	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	199429	92.726	ug/l	99
10) Methyl Iodide	4.301	142	314350	95.989	ug/l	99
11) Tert butyl alcohol	5.228	59	96529	514.893	ug/l	98
12) 1,1-Dichloroethene	4.082	96	213483	94.253	ug/l	92
13) Acrolein	3.929	56	139429	483.829	ug/l	98
14) Allyl chloride	4.704	41	317666	98.737	ug/l	99
15) Acrylonitrile	5.405	53	361906	522.461	ug/l	98
16) Acetone	4.161	43	306726	462.093	ug/l	96
17) Carbon Disulfide	4.417	76	548211	96.771	ug/l	99
18) Methyl Acetate	4.710	43	218721	103.419	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	430581	100.671	ug/l	99
20) Methylene Chloride	4.954	84	249401	99.223	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	247042	97.635	ug/l	90
22) Diisopropyl ether	6.344	45	703459	100.461	ug/l	95
23) Vinyl Acetate	6.283	43	2523955	530.152	ug/l	98
24) 1,1-Dichloroethane	6.246	63	439569	95.888	ug/l	100
25) 2-Butanone	7.197	43	497969	529.422	ug/l	98
26) 2,2-Dichloropropane	7.185	77	241129	99.327	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	302098	98.117	ug/l	100
28) Bromochloromethane	7.532	49	203663	97.052	ug/l	99
29) Tetrahydrofuran	7.551	42	318589	533.016	ug/l	99
30) Chloroform	7.697	83	503040	96.112	ug/l	98
31) Cyclohexane	7.971	56	341064	90.646	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	362994	95.007	ug/l	98
36) 1,1-Dichloropropene	8.099	75	326557	97.392	ug/l	99
37) Ethyl Acetate	7.276	43	209389	104.099	ug/l	100
38) Carbon Tetrachloride	8.081	117	351706	97.846	ug/l	97
39) Methylcyclohexane	9.343	83	405102	102.003	ug/l	96
40) Benzene	8.337	78	1004428	96.909	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	115019	102.923	ug/l		99
42) 1,2-Dichloroethane	8.410	62	347098	96.602	ug/l		100
43) Isopropyl Acetate	8.435	43	396615	105.105	ug/l		100
44) Trichloroethene	9.105	130	253041	97.081	ug/l		94
45) 1,2-Dichloropropane	9.380	63	237748	95.155	ug/l		98
46) Dibromomethane	9.465	93	170875	97.506	ug/l		98
47) Bromodichloromethane	9.654	83	391443	98.293	ug/l		97
48) Methyl methacrylate	9.441	41	189315	108.864	ug/l		96
49) 1,4-Dioxane	9.465	88	44927	2121.836	ug/l		99
51) 4-Methyl-2-Pentanone	10.215	43	1119796	525.549	ug/l		100
52) Toluene	10.392	92	665096	98.198	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	376829	107.262	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	411952	102.767	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	224549	98.537	ug/l		95
56) Ethyl methacrylate	10.648	69	315727	108.371	ug/l		99
57) 1,3-Dichloropropane	10.934	76	379137	99.362	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	835126	537.045	ug/l		99
59) 2-Hexanone	10.971	43	804518	542.911	ug/l		100
60) Dibromochloromethane	11.129	129	279965	101.529	ug/l		97
61) 1,2-Dibromoethane	11.239	107	222479	99.277	ug/l		98
64) Tetrachloroethene	10.861	164	219868	97.772	ug/l		94
65) Chlorobenzene	11.660	112	756186	97.233	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	253198	98.889	ug/l		98
67) Ethyl Benzene	11.733	91	1284877	100.837	ug/l		99
68) m/p-Xylenes	11.836	106	997778	203.463	ug/l		98
69) o-Xylene	12.166	106	470060	101.336	ug/l		97
70) Styrene	12.178	104	835536	102.182	ug/l		98
71) Bromoform	12.355	173	156842	103.138	ug/l	#	98
73) Isopropylbenzene	12.464	105	1233680	105.088	ug/l		99
74) N-amyl acetate	12.269	43	366581	107.554	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	281272	100.818	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	208647m	93.254	ug/l		
77) Bromobenzene	12.745	156	285175	95.259	ug/l		92
78) n-propylbenzene	12.800	91	1464769	102.772	ug/l		98
79) 2-Chlorotoluene	12.891	91	882070	101.206	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	1025656	103.191	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	92959	115.615	ug/l		95
82) 4-Chlorotoluene	12.983	91	927084	99.374	ug/l		100
83) tert-Butylbenzene	13.202	119	857188	101.713	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	1045208	101.643	ug/l		98
85) sec-Butylbenzene	13.379	105	1260426	100.172	ug/l		100
86) p-Isopropyltoluene	13.495	119	1076959	100.646	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	590816	98.017	ug/l		98
88) 1,4-Dichlorobenzene	13.580	146	572395	94.738	ug/l		97
89) n-Butylbenzene	13.818	91	1058018	103.710	ug/l		99
90) Hexachloroethane	14.092	117	195499	99.884	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	530904	99.481	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	53172	107.882	ug/l		96
93) 1,2,4-Trichlorobenzene	15.129	180	332667	97.566	ug/l		95
94) Hexachlorobutadiene	15.232	225	155367	91.877	ug/l		92
95) Naphthalene	15.360	128	865221	112.125	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	324145	102.222	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 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

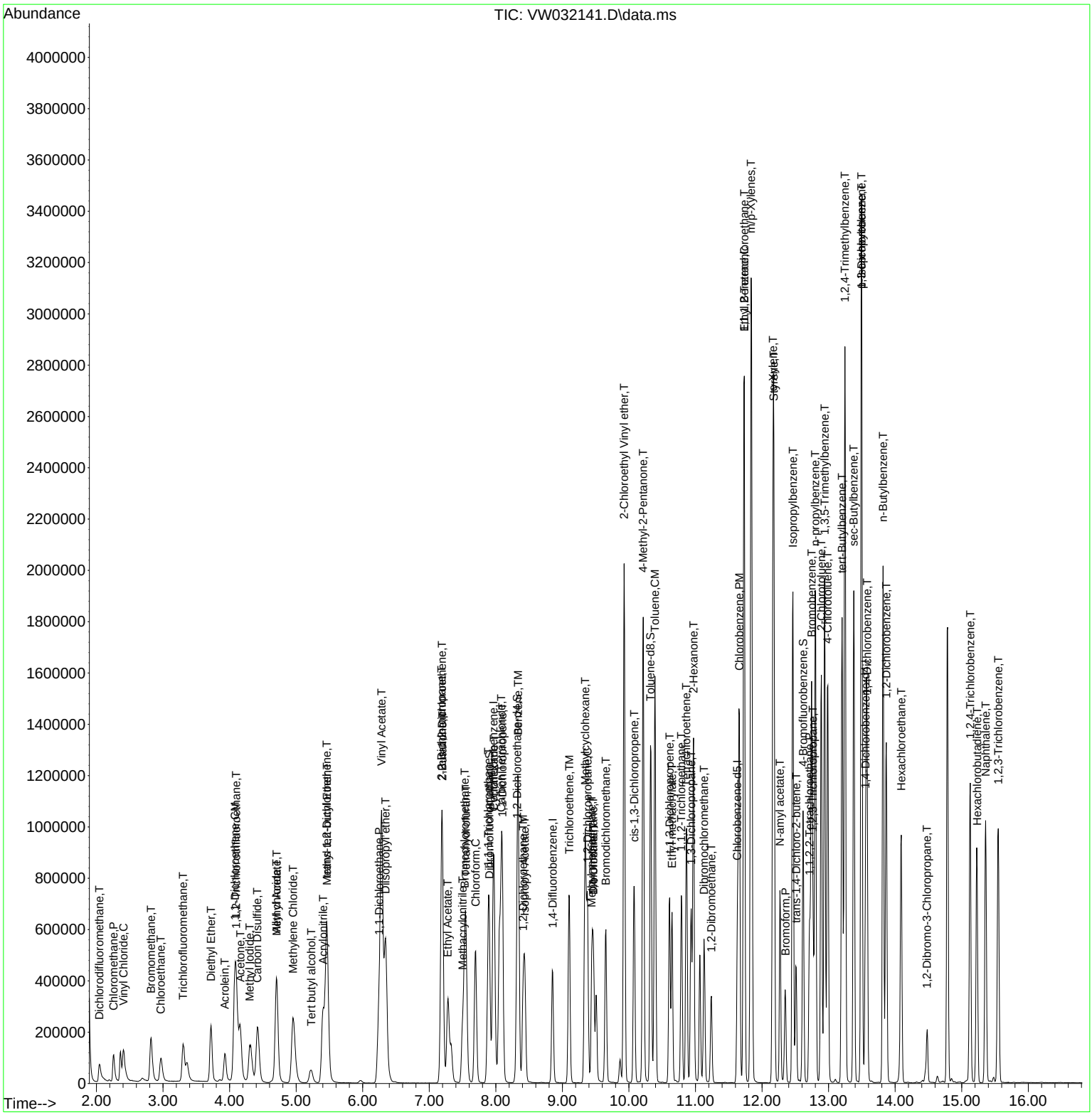
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	212660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	363183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	337595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	454909	149.576	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 299.160%#			
35) Dibromofluoromethane	7.898	113	377239	148.049	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 296.100%#			
50) Toluene-d8	10.331	98	1365264	152.629	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 305.260%#			
62) 4-Bromofluorobenzene	12.617	95	509512	154.039	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 308.080%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	192587	137.167	ug/l	97
3) Chloromethane	2.259	50	210524	143.009	ug/l	100
4) Vinyl Chloride	2.405	62	256644	134.226	ug/l	95
5) Bromomethane	2.814	94	244946	143.458	ug/l	97
6) Chloroethane	2.966	64	193730	143.874	ug/l	98
7) Trichlorofluoromethane	3.301	101	291416	153.823	ug/l	91
8) Diethyl Ether	3.722	74	195629	138.373	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	289634	135.714	ug/l	98
10) Methyl Iodide	4.313	142	446397	137.369	ug/l	100
11) Tert butyl alcohol	5.222	59	141240	759.234	ug/l	97
12) 1,1-Dichloroethene	4.076	96	314257	139.822	ug/l	99
13) Acrolein	3.929	56	211447	739.433	ug/l	98
14) Allyl chloride	4.704	41	459410	143.902	ug/l	99
15) Acrylonitrile	5.405	53	512853	746.122	ug/l	98
16) Acetone	4.161	43	440565	668.879	ug/l	97
17) Carbon Disulfide	4.423	76	801995	142.669	ug/l	100
18) Methyl Acetate	4.710	43	319825	152.398	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	611768	144.143	ug/l	99
20) Methylene Chloride	4.960	84	353777	150.295	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	356921	142.157	ug/l	92
22) Diisopropyl ether	6.344	45	1024195	147.400	ug/l	98
23) Vinyl Acetate	6.283	43	3680242	779.030	ug/l	99
24) 1,1-Dichloroethane	6.240	63	641157	140.949	ug/l	99
25) 2-Butanone	7.191	43	712281	763.150	ug/l	97
26) 2,2-Dichloropropane	7.185	77	351365	145.860	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	439540	143.865	ug/l	99
28) Bromochloromethane	7.532	49	310783	149.248	ug/l	100
29) Tetrahydrofuran	7.551	42	456986	770.497	ug/l	99
30) Chloroform	7.697	83	736537	141.817	ug/l	99
31) Cyclohexane	7.971	56	497279	133.190	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	535215	141.170	ug/l	99
36) 1,1-Dichloropropene	8.093	75	472017	142.873	ug/l	98
37) Ethyl Acetate	7.276	43	302607	152.685	ug/l	100
38) Carbon Tetrachloride	8.087	117	509127	143.753	ug/l	98
39) Methylcyclohexane	9.343	83	585727	149.682	ug/l	99
40) Benzene	8.337	78	1453606	142.338	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	169026	153.505	ug/l		95
42) 1,2-Dichloroethane	8.410	62	508053	143.507	ug/l		100
43) Isopropyl Acetate	8.435	43	583075	156.822	ug/l		98
44) Trichloroethene	9.099	130	373687	145.505	ug/l		91
45) 1,2-Dichloropropane	9.374	63	351218	142.666	ug/l		100
46) Dibromomethane	9.465	93	243465	141.000	ug/l		99
47) Bromodichloromethane	9.654	83	581251	148.131	ug/l		93
48) Methyl methacrylate	9.441	41	278566	162.575	ug/l		98
49) 1,4-Dioxane	9.465	88	66706	3197.399	ug/l		98
51) 4-Methyl-2-Pentanone	10.215	43	1599863	762.051	ug/l		99
52) Toluene	10.392	92	957220	143.435	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	555802	160.564	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	604600	153.074	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	324211	144.392	ug/l		98
56) Ethyl methacrylate	10.648	69	476215	165.894	ug/l		97
57) 1,3-Dichloropropane	10.934	76	542178	144.209	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	1264307	825.160	ug/l		99
59) 2-Hexanone	10.971	43	1152381	789.253	ug/l		100
60) Dibromochloromethane	11.129	129	408737	150.438	ug/l		95
61) 1,2-Dibromoethane	11.239	107	330479	149.669	ug/l		99
64) Tetrachloroethene	10.861	164	311674	140.272	ug/l		92
65) Chlorobenzene	11.660	112	1082491	140.873	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.727	131	376695	148.901	ug/l		99
67) Ethyl Benzene	11.733	91	1886049	149.806	ug/l		99
68) m/p-Xylenes	11.837	106	1416558	292.350	ug/l		97
69) o-Xylene	12.166	106	707888	154.451	ug/l		98
70) Styrene	12.178	104	1236547	153.051	ug/l		97
71) Bromoform	12.349	173	240584	160.118	ug/l	#	97
73) Isopropylbenzene	12.458	105	1786971	161.883	ug/l		100
74) N-amyl acetate	12.269	43	542121	169.156	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	403226	153.706	ug/l		100
76) 1,2,3-Trichloropropane	12.769	75	297194m	141.263	ug/l		
77) Bromobenzene	12.745	156	440488	156.481	ug/l		98
78) n-propylbenzene	12.800	91	2120830	158.250	ug/l		98
79) 2-Chlorotoluene	12.891	91	1283524	156.618	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	1493220	159.771	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.513	75	136029	179.923	ug/l		94
82) 4-Chlorotoluene	12.989	91	1341754	152.954	ug/l		99
83) tert-Butylbenzene	13.202	119	1264671	159.592	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	1528604	158.090	ug/l		99
85) sec-Butylbenzene	13.379	105	1883544	159.198	ug/l		98
86) p-Isopropyltoluene	13.495	119	1604066	159.424	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	827718	146.037	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	857389	150.918	ug/l		94
89) n-Butylbenzene	13.818	91	1530726	159.573	ug/l		99
90) Hexachloroethane	14.086	117	295110	160.350	ug/l		95
91) 1,2-Dichlorobenzene	13.861	146	750254	149.508	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	76149	164.310	ug/l		98
93) 1,2,4-Trichlorobenzene	15.123	180	494705	154.301	ug/l		97
94) Hexachlorobutadiene	15.226	225	231073	145.321	ug/l		98
95) Naphthalene	15.354	128	1230735	169.618	ug/l		99
96) 1,2,3-Trichlorobenzene	15.555	180	470621	157.838	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
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 :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 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

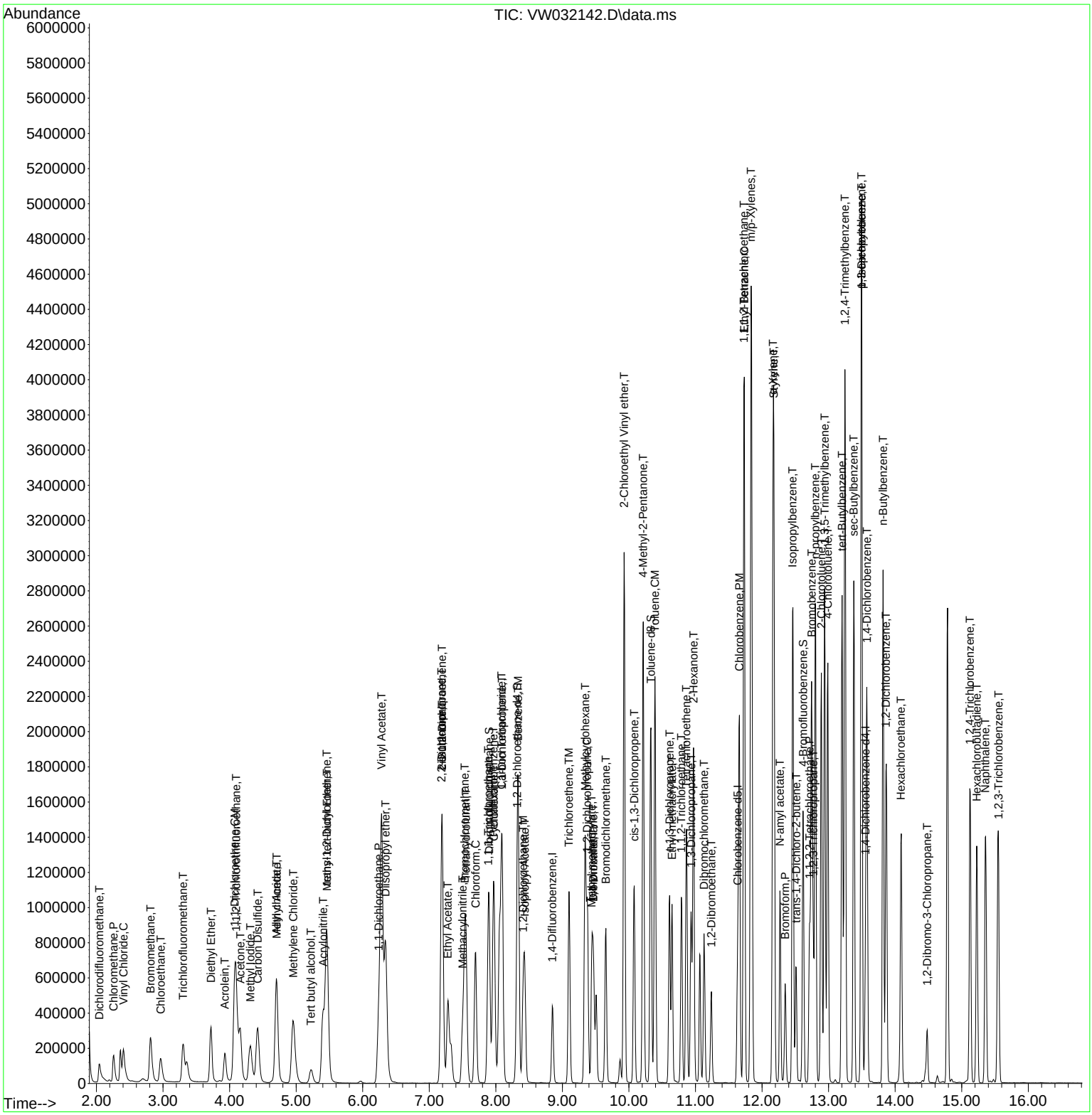
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:52:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	208118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	338131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	317089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	145059	48.737	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 97.480%			
35) Dibromofluoromethane	7.904	113	121603	51.259	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.520%			
50) Toluene-d8	10.325	98	446917	53.665	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.320%			
62) 4-Bromofluorobenzene	12.617	95	165434	53.721	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 107.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	64903	47.235	ug/l	100
3) Chloromethane	2.253	50	70725	49.092	ug/l	100
4) Vinyl Chloride	2.405	62	92327	49.341	ug/l	100
5) Bromomethane	2.826	94	77836	46.581	ug/l	100
6) Chloroethane	2.972	64	65951	50.047	ug/l	100
7) Trichlorofluoromethane	3.308	101	100093	53.987	ug/l	100
8) Diethyl Ether	3.716	74	66743	48.239	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	105179	50.359	ug/l	100
10) Methyl Iodide	4.314	142	155738	48.971	ug/l	100
11) Tert butyl alcohol	5.222	59	45982	252.570	ug/l	100
12) 1,1-Dichloroethene	4.076	96	111585	50.731	ug/l	100
13) Acrolein	3.930	56	69005	246.578	ug/l	100
14) Allyl chloride	4.704	41	159912	51.183	ug/l	100
15) Acrylonitrile	5.405	53	170186	252.998	ug/l	100
16) Acetone	4.161	43	163328	253.381	ug/l	100
17) Carbon Disulfide	4.423	76	283127	51.465	ug/l	100
18) Methyl Acetate	4.710	43	107266	52.228	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	218656	52.643	ug/l	100
20) Methylene Chloride	4.960	84	133315	50.616	ug/l	100
21) trans-1,2-Dichloroethene	5.460	96	126813	51.610	ug/l	100
22) Diisopropyl ether	6.344	45	356506	52.428	ug/l	100
23) Vinyl Acetate	6.283	43	1224420	264.840	ug/l	100
24) 1,1-Dichloroethane	6.246	63	229381	51.526	ug/l	100
25) 2-Butanone	7.191	43	235692	258.036	ug/l	100
26) 2,2-Dichloropropane	7.185	77	126530	53.672	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	153797	51.438	ug/l	100
28) Bromochloromethane	7.533	49	101158	49.639	ug/l	100
29) Tetrahydrofuran	7.551	42	148114	255.176	ug/l	100
30) Chloroform	7.697	83	260062	51.166	ug/l	100
31) Cyclohexane	7.971	56	179436	49.109	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	190783	51.420	ug/l	100
36) 1,1-Dichloropropene	8.100	75	171538	55.769	ug/l	100
37) Ethyl Acetate	7.277	43	99961	54.174	ug/l	100
38) Carbon Tetrachloride	8.087	117	184303	55.894	ug/l	100
39) Methylcyclohexane	9.343	83	208587	57.253	ug/l	100
40) Benzene	8.337	78	515814	54.251	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:52:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	53321	52.013	ug/l	100
42) 1,2-Dichloroethane	8.410	62	177239	53.773	ug/l	100
43) Isopropyl Acetate	8.435	43	190866	55.138	ug/l	100
44) Trichloroethene	9.099	130	126501	52.906	ug/l	100
45) 1,2-Dichloropropane	9.374	63	125073	54.569	ug/l	100
46) Dibromomethane	9.465	93	84274	52.422	ug/l	100
47) Bromodichloromethane	9.648	83	200589	54.907	ug/l	100
48) Methyl methacrylate	9.441	41	91758	57.519	ug/l	100
49) 1,4-Dioxane	9.459	88	21076	1085.077	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	535156	273.793	ug/l	100
52) Toluene	10.392	92	341497	54.963	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	181844	56.425	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	207161	56.335	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	108836	52.063	ug/l	100
56) Ethyl methacrylate	10.648	69	153187	57.318	ug/l	100
57) 1,3-Dichloropropane	10.934	76	186943	53.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	376622	264.017	ug/l	100
59) 2-Hexanone	10.971	43	377468	277.678	ug/l	100
60) Dibromochloromethane	11.129	129	140114	55.391	ug/l	100
61) 1,2-Dibromoethane	11.239	107	112526	54.737	ug/l	100
64) Tetrachloroethene	10.867	164	111948	53.642	ug/l	100
65) Chlorobenzene	11.654	112	377306	52.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	127123	53.499	ug/l	100
67) Ethyl Benzene	11.733	91	642673	54.348	ug/l	100
68) m/p-Xylenes	11.837	106	505883	111.156	ug/l	100
69) o-Xylene	12.166	106	238390	55.377	ug/l	100
70) Styrene	12.178	104	419791	55.319	ug/l	100
71) Bromoform	12.349	173	75279	53.341	ug/l	100
73) Isopropylbenzene	12.459	105	615287	55.757	ug/l	100
74) N-amyl acetate	12.270	43	173852	54.264	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	138219	52.705	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	103468m	49.196	ug/l	
77) Bromobenzene	12.745	156	153744	54.634	ug/l	100
78) n-propylbenzene	12.800	91	738788	55.144	ug/l	100
79) 2-Chlorotoluene	12.885	91	447910	54.672	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	521409	55.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	42218	55.859	ug/l	100
82) 4-Chlorotoluene	12.989	91	486529	55.480	ug/l	100
83) tert-Butylbenzene	13.202	119	459231	57.970	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	544709	56.352	ug/l	100
85) sec-Butylbenzene	13.379	105	670404	56.681	ug/l	100
86) p-Isopropyltoluene	13.495	119	571291	56.797	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	308402	54.430	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	296872	52.272	ug/l	100
89) n-Butylbenzene	13.818	91	541998	56.520	ug/l	100
90) Hexachloroethane	14.086	117	98938	53.776	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	253601	50.553	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.483	75	23754	51.271	ug/l	100
93) 1,2,4-Trichlorobenzene	15.123	180	176601	55.100	ug/l	100
94) Hexachlorobutadiene	15.226	225	89862	56.532	ug/l	100
95) Naphthalene	15.360	128	400729	55.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	157194	52.737	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:52:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 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

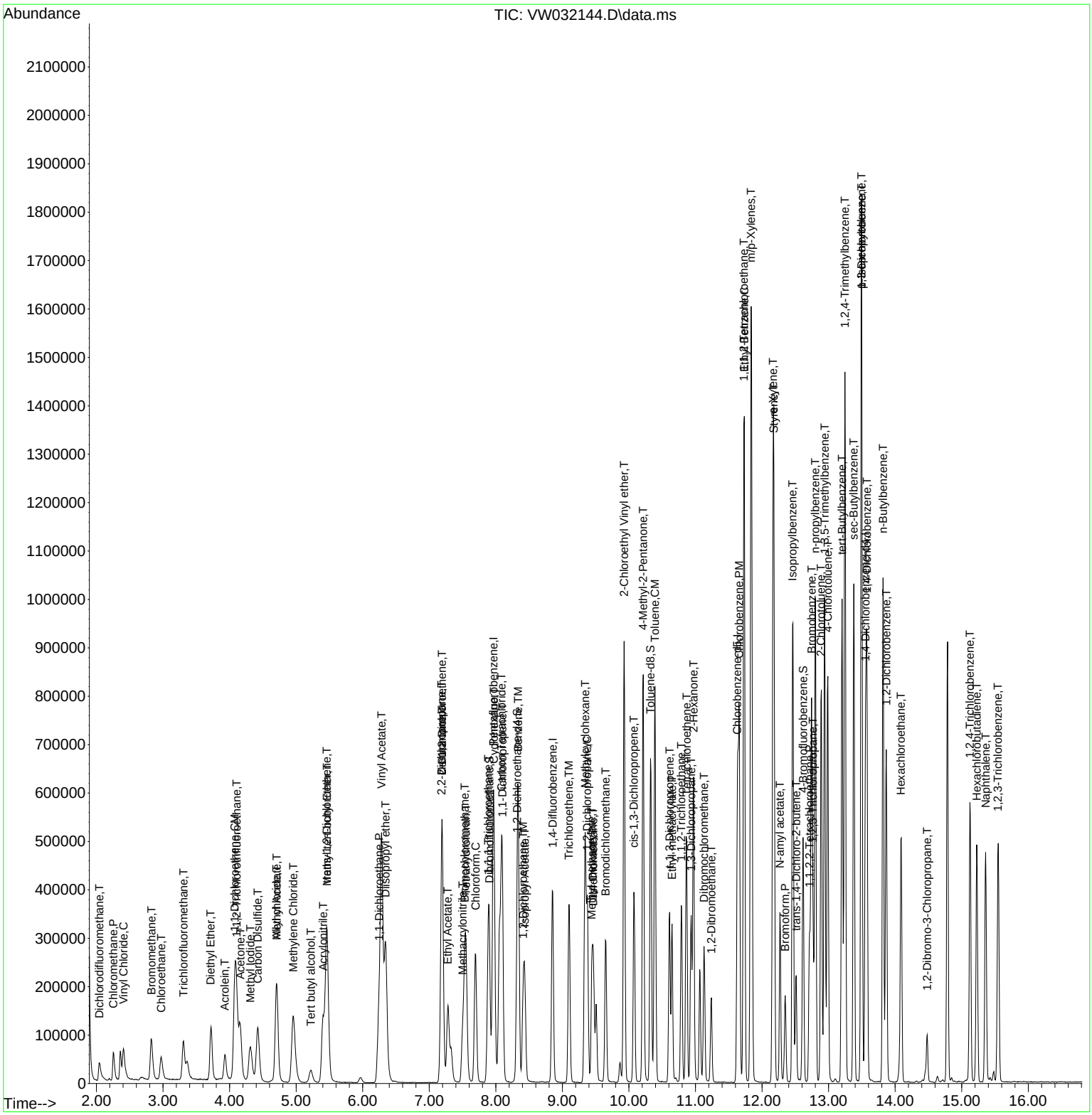
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 27 03:52:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	236475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	392388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	355176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142013	41.992	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	83.980%		
35) Dibromofluoromethane	7.898	113	119103	43.264	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	86.520%		
50) Toluene-d8	10.325	98	439822	45.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	91.020%		
62) 4-Bromofluorobenzene	12.617	95	160725	44.975	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	89.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	71027	45.493	ug/l	94
3) Chloromethane	2.253	50	74645	45.600	ug/l	97
4) Vinyl Chloride	2.405	62	98427	46.293	ug/l	94
5) Bromomethane	2.820	94	83324	43.886	ug/l	98
6) Chloroethane	2.966	64	67597	45.145	ug/l	98
7) Trichlorofluoromethane	3.308	101	95752	45.452	ug/l	97
8) Diethyl Ether	3.716	74	69352	44.114	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	116342	49.024	ug/l	97
10) Methyl Iodide	4.313	142	167339	46.309	ug/l	100
11) Tert butyl alcohol	5.216	59	46191	223.294	ug/l	98
12) 1,1-Dichloroethene	4.076	96	121250	48.515	ug/l	93
13) Acrolein	3.929	56	64957	204.279	ug/l	98
14) Allyl chloride	4.704	41	174391	49.124	ug/l	99
15) Acrylonitrile	5.405	53	178789	233.915	ug/l	98
16) Acetone	4.161	43	191131	260.957	ug/l	100
17) Carbon Disulfide	4.423	76	304371	48.692	ug/l	100
18) Methyl Acetate	4.704	43	106336	45.567	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	228547	48.426	ug/l	99
20) Methylene Chloride	4.948	84	142919	47.403	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	133792	47.921	ug/l	90
22) Diisopropyl ether	6.344	45	378823	49.029	ug/l	96
23) Vinyl Acetate	6.283	43	1286517	244.903	ug/l	99
24) 1,1-Dichloroethane	6.240	63	233811	46.223	ug/l	99
25) 2-Butanone	7.191	43	258276	248.853	ug/l	97
26) 2,2-Dichloropropane	7.185	77	137122	51.190	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	160482	47.237	ug/l	99
28) Bromochloromethane	7.532	49	103711	44.789	ug/l	100
29) Tetrahydrofuran	7.551	42	152131	230.667	ug/l	100
30) Chloroform	7.691	83	272139	47.122	ug/l	99
31) Cyclohexane	7.965	56	193679	46.650	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	205549	48.756	ug/l	99
36) 1,1-Dichloropropene	8.093	75	179756	50.360	ug/l	98
37) Ethyl Acetate	7.270	43	103297	48.241	ug/l	98
38) Carbon Tetrachloride	8.081	117	195403	51.066	ug/l	99
39) Methylcyclohexane	9.343	83	230384	54.492	ug/l	99
40) Benzene	8.331	78	545356	49.427	ug/l	94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	59390	49.922	ug/l		93
42) 1,2-Dichloroethane	8.410	62	185296	48.444	ug/l		100
43) Isopropyl Acetate	8.435	43	195050	48.555	ug/l		99
44) Trichloroethene	9.099	130	139951	50.438	ug/l		95
45) 1,2-Dichloropropane	9.374	63	127962	48.110	ug/l		99
46) Dibromomethane	9.465	93	88183	47.269	ug/l		97
47) Bromodichloromethane	9.648	83	205595	48.496	ug/l		96
48) Methyl methacrylate	9.441	41	91140	49.232	ug/l		96
49) 1,4-Dioxane	9.465	88	23894	1060.060	ug/l		98
51) 4-Methyl-2-Pentanone	10.209	43	558035	246.021	ug/l		99
52) Toluene	10.392	92	351771	48.788	ug/l		97
53) t-1,3-Dichloropropene	10.605	75	192451	51.459	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	213648	50.066	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	111445	45.940	ug/l		95
56) Ethyl methacrylate	10.648	69	159388	51.392	ug/l		98
57) 1,3-Dichloropropane	10.934	76	197423	48.602	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	385600	232.934	ug/l		98
59) 2-Hexanone	10.965	43	408079	258.687	ug/l		99
60) Dibromochloromethane	11.129	129	144311	49.161	ug/l		98
61) 1,2-Dibromoethane	11.233	107	115042	48.223	ug/l		100
64) Tetrachloroethene	10.861	164	122798	52.531	ug/l		93
65) Chlorobenzene	11.660	112	392099	48.501	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	134657	50.593	ug/l		100
67) Ethyl Benzene	11.727	91	705560	53.267	ug/l		99
68) m/p-Xylenes	11.837	106	534982	104.945	ug/l		99
69) o-Xylene	12.166	106	257061	53.311	ug/l		95
70) Styrene	12.178	104	445155	52.371	ug/l		98
71) Bromoform	12.349	173	79989	50.601	ug/l	#	97
73) Isopropylbenzene	12.464	105	650395	51.711	ug/l		98
74) N-amyl acetate	12.269	43	182802	50.061	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	140426	46.980	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	121030m	52.182	ug/l		
77) Bromobenzene	12.745	156	159112	49.609	ug/l		99
78) n-propylbenzene	12.800	91	801192	52.469	ug/l		99
79) 2-Chlorotoluene	12.891	91	473888	50.751	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	565093	53.066	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	44983	52.219	ug/l		93
82) 4-Chlorotoluene	12.989	91	495627	49.587	ug/l		97
83) tert-Butylbenzene	13.202	119	483165	53.512	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	571607	51.884	ug/l		99
85) sec-Butylbenzene	13.379	105	715657	53.088	ug/l		99
86) p-Isopropyltoluene	13.495	119	604413	52.722	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	316514	49.012	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	309536	47.819	ug/l		95
89) n-Butylbenzene	13.818	91	583819	53.415	ug/l		100
90) Hexachloroethane	14.086	117	106416	50.748	ug/l		92
91) 1,2-Dichlorobenzene	13.867	146	273088	47.762	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	25127	47.585	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	178389	48.833	ug/l		98
94) Hexachlorobutadiene	15.226	225	84151	46.448	ug/l		90
95) Naphthalene	15.360	128	431564	52.201	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	171251	50.408	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
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ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
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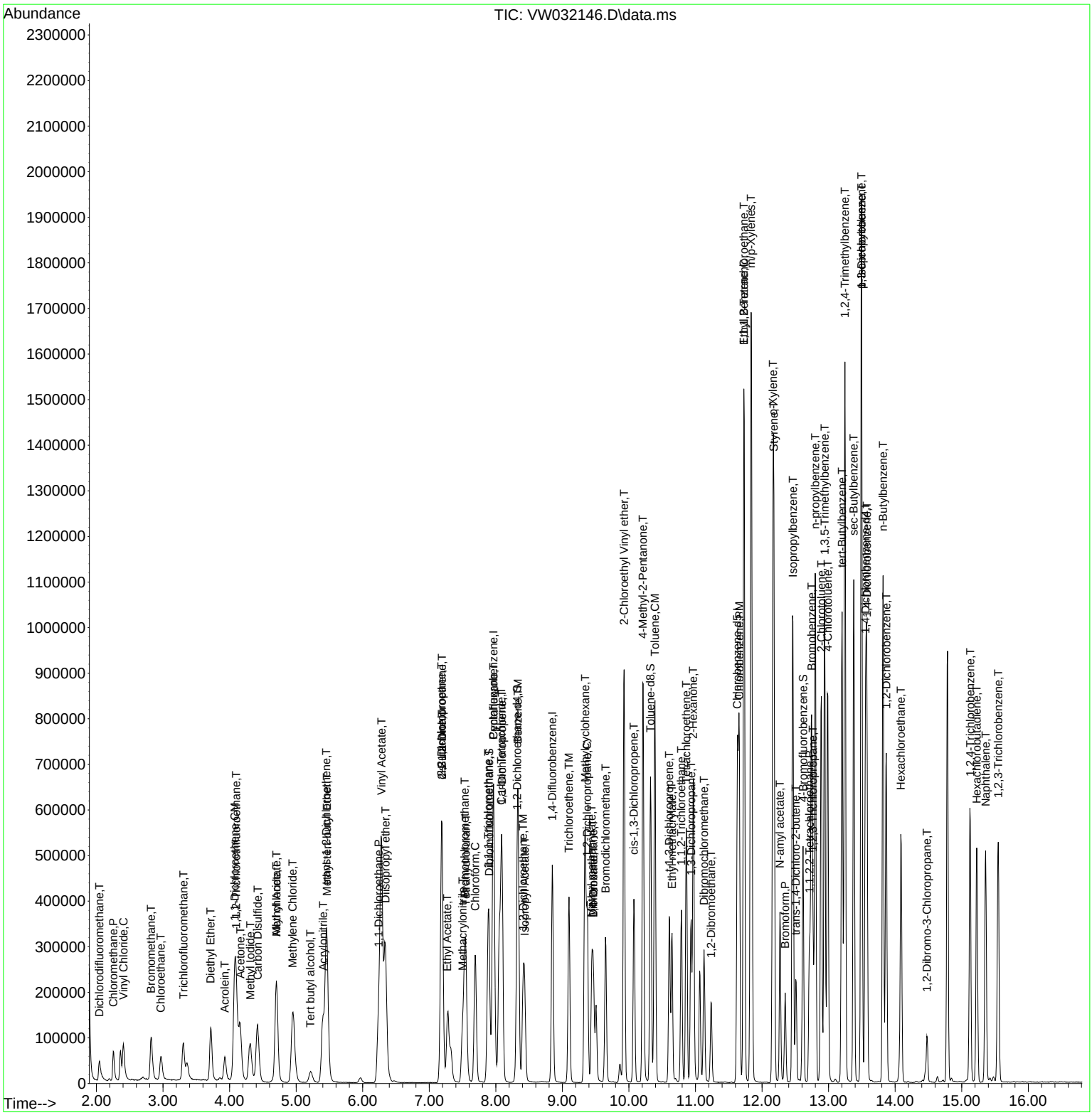
Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	114	0.00
2	T	Dichlorodifluoromethane	0.330	0.300	9.1	109	0.00
3	P	Chloromethane	0.346	0.316	8.7	106	0.00
4	C	Vinyl Chloride	0.450	0.416	7.6#	107	0.00
5	T	Bromomethane	0.401	0.352	12.2	107	0.00
6	T	Chloroethane	0.317	0.286	9.8	102	0.00
7	T	Trichlorofluoromethane	0.445	0.405	9.0	96	0.00
8	T	Diethyl Ether	0.332	0.293	11.7	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.502	0.492	2.0	111	0.00
10	T	Methyl Iodide	0.764	0.708	7.3	107	0.00
11	T	Tert butyl alcohol	0.044	0.039	11.4	100	0.00
12	CM	1,1-Dichloroethene	0.528	0.513	2.8#	109	0.00
13	T	Acrolein	0.067	0.055	17.9	94	0.00
14	T	Allyl chloride	0.751	0.737	1.9	109	0.00
15	T	Acrylonitrile	0.162	0.151	6.8	105	0.00
16	T	Acetone	0.155	0.162	-4.5	117	0.00
17	T	Carbon Disulfide	1.322	1.287	2.6	108	0.00
18	T	Methyl Acetate	0.493	0.450	8.7	99	0.00
19	T	Methyl tert-butyl Ether	0.998	0.966	3.2	105	0.00
20	T	Methylene Chloride	0.725	0.604	16.7	107	-0.01
21	T	trans-1,2-Dichloroethene	0.590	0.566	4.1	106	0.00
22	T	Diisopropyl ether	1.634	1.602	2.0	106	0.00
23	T	Vinyl Acetate	1.111	1.088	2.1	105	0.00
24	P	1,1-Dichloroethane	1.070	0.989	7.6	102	0.00
25	T	2-Butanone	0.219	0.218	0.5	110	0.00
26	T	2,2-Dichloropropane	0.566	0.580	-2.5	108	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.679	5.4	104	0.00
28	T	Bromochloromethane	0.490	0.439	10.4	103	0.00
29	T	Tetrahydrofuran	0.139	0.129	7.2	103	0.00
30	C	Chloroform	1.221	1.151	5.7#	105	0.00
31	T	Cyclohexane	0.878	0.819	6.7	108	0.00
32	T	1,1,1-Trichloroethane	0.891	0.869	2.5	108	0.00
33	S	1,2-Dichloroethane-d4	0.715	0.601	15.9	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
35	S	Dibromofluoromethane	0.351	0.304	13.4	98	0.00
36	T	1,1-Dichloropropene	0.455	0.458	-0.7	105	0.00
37	T	Ethyl Acetate	0.273	0.263	3.7	103	0.00
38	T	Carbon Tetrachloride	0.488	0.498	-2.0	106	0.00
39	T	Methylcyclohexane	0.539	0.587	-8.9	110	0.00
40	TM	Benzene	1.406	1.390	1.1	106	0.00
41	T	Methacrylonitrile	0.152	0.151	0.7	111	0.00
42	TM	1,2-Dichloroethane	0.487	0.472	3.1	105	0.00
43	T	Isopropyl Acetate	0.512	0.497	2.9	102	0.00
44	TM	Trichloroethene	0.354	0.357	-0.8	111	0.00
45	C	1,2-Dichloropropane	0.339	0.326	3.8#	102	0.00
46	T	Dibromomethane	0.238	0.225	5.5	105	0.00
47	T	Bromodichloromethane	0.540	0.524	3.0	102	0.00
48	T	Methyl methacrylate	0.236	0.232	1.7	99	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	113	0.00
50	S	Toluene-d8	1.231	1.121	8.9	98	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.284	1.7	104	0.00
52	CM	Toluene	0.919	0.896	2.5#	103	0.00
53	T	t-1,3-Dichloropropene	0.477	0.490	-2.7	106	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.544	0.0	103	0.00
55	T	1,1,2-Trichloroethane	0.309	0.284	8.1	102	0.00
56	T	Ethyl methacrylate	0.395	0.406	-2.8	104	0.00
57	T	1,3-Dichloropropane	0.518	0.503	2.9	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.197	6.6	102	0.00
59	T	2-Hexanone	0.201	0.208	-3.5	108	0.00
60	T	Dibromochloromethane	0.374	0.368	1.6	103	0.00
61	T	1,2-Dibromoethane	0.304	0.293	3.6	102	0.00
62	S	4-Bromofluorobenzene	0.455	0.410	9.9	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64	T	Tetrachloroethene	0.329	0.346	-5.2	110	0.00
65	PM	Chlorobenzene	1.138	1.104	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.375	0.379	-1.1	106	0.00
67	C	Ethyl Benzene	1.865	1.987	-6.5#	110	0.00
68	T	m/p-Xylenes	0.718	0.753	-4.9	106	0.00
69	T	o-Xylene	0.679	0.724	-6.6	108	0.00
70	T	Styrene	1.197	1.253	-4.7	106	0.00
71	P	Bromoform	0.223	0.225	-0.9	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73	T	Isopropylbenzene	3.397	3.513	-3.4	106	0.00
74	T	N-amyl acetate	0.986	0.987	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.807	0.759	5.9	102	0.00
76	T	1,2,3-Trichloropropane	0.626	0.654	-4.5	117	0.00
77	T	Bromobenzene	0.866	0.859	0.8	103	0.00
78	T	n-propylbenzene	4.124	4.328	-4.9	108	0.00
79	T	2-Chlorotoluene	2.522	2.560	-1.5	106	0.00
80	T	1,3,5-Trimethylbenzene	2.876	3.052	-6.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.243	-4.3	107	0.00
82	T	4-Chlorotoluene	2.699	2.677	0.8	102	0.00
83	T	tert-Butylbenzene	2.439	2.610	-7.0	105	0.00
84	T	1,2,4-Trimethylbenzene	2.975	3.088	-3.8	105	0.00
85	T	sec-Butylbenzene	3.641	3.866	-6.2	107	0.00
86	T	p-Isopropyltoluene	3.096	3.265	-5.5	106	0.00
87	T	1,3-Dichlorobenzene	1.744	1.710	1.9	103	0.00
88	T	1,4-Dichlorobenzene	1.748	1.672	4.3	104	0.00
89	T	n-Butylbenzene	2.952	3.153	-6.8	108	0.00
90	T	Hexachloroethane	0.566	0.575	-1.6	108	0.00
91	T	1,2-Dichlorobenzene	1.544	1.475	4.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.143	0.136	4.9	106	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.964	2.3	101	0.00
94	T	Hexachlorobutadiene	0.489	0.455	7.0	94	0.00
95	T	Naphthalene	2.233	2.331	-4.4	108	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	0.918	0.925	-0.8	109	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	114	0.00
2	T	Dichlorodifluoromethane	50.000	45.493	9.0	109	0.00
3	P	Chloromethane	50.000	45.600	8.8	106	0.00
4	C	Vinyl Chloride	50.000	46.293	7.4#	107	0.00
5	T	Bromomethane	50.000	43.886	12.2	107	0.00
6	T	Chloroethane	50.000	45.145	9.7	102	0.00
7	T	Trichlorofluoromethane	50.000	45.452	9.1	96	0.00
8	T	Diethyl Ether	50.000	44.114	11.8	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.024	2.0	111	0.00
10	T	Methyl Iodide	50.000	46.309	7.4	107	0.00
11	T	Tert butyl alcohol	250.000	223.294	10.7	100	0.00
12	CM	1,1-Dichloroethene	50.000	48.515	3.0#	109	0.00
13	T	Acrolein	250.000	204.279	18.3	94	0.00
14	T	Allyl chloride	50.000	49.124	1.8	109	0.00
15	T	Acrylonitrile	250.000	233.915	6.4	105	0.00
16	T	Acetone	250.000	260.957	-4.4	117	0.00
17	T	Carbon Disulfide	50.000	48.692	2.6	108	0.00
18	T	Methyl Acetate	50.000	45.567	8.9	99	0.00
19	T	Methyl tert-butyl Ether	50.000	48.426	3.1	105	0.00
20	T	Methylene Chloride	50.000	47.403	5.2	107	-0.01
21	T	trans-1,2-Dichloroethene	50.000	47.921	4.2	106	0.00
22	T	Diisopropyl ether	50.000	49.029	1.9	106	0.00
23	T	Vinyl Acetate	250.000	244.903	2.0	105	0.00
24	P	1,1-Dichloroethane	50.000	46.223	7.6	102	0.00
25	T	2-Butanone	250.000	248.853	0.5	110	0.00
26	T	2,2-Dichloropropane	50.000	51.190	-2.4	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.237	5.5	104	0.00
28	T	Bromochloromethane	50.000	44.789	10.4	103	0.00
29	T	Tetrahydrofuran	250.000	230.667	7.7	103	0.00
30	C	Chloroform	50.000	47.122	5.8#	105	0.00
31	T	Cyclohexane	50.000	46.650	6.7	108	0.00
32	T	1,1,1-Trichloroethane	50.000	48.756	2.5	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.992	16.0	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35	S	Dibromofluoromethane	50.000	43.264	13.5	98	0.00
36	T	1,1-Dichloropropene	50.000	50.360	-0.7	105	0.00
37	T	Ethyl Acetate	50.000	48.241	3.5	103	0.00
38	T	Carbon Tetrachloride	50.000	51.066	-2.1	106	0.00
39	T	Methylcyclohexane	50.000	54.492	-9.0	110	0.00
40	TM	Benzene	50.000	49.427	1.1	106	0.00
41	T	Methacrylonitrile	50.000	49.922	0.2	111	0.00
42	TM	1,2-Dichloroethane	50.000	48.444	3.1	105	0.00
43	T	Isopropyl Acetate	50.000	48.555	2.9	102	0.00
44	TM	Trichloroethene	50.000	50.438	-0.9	111	0.00
45	C	1,2-Dichloropropane	50.000	48.110	3.8#	102	0.00
46	T	Dibromomethane	50.000	47.269	5.5	105	0.00
47	T	Bromodichloromethane	50.000	48.496	3.0	102	0.00
48	T	Methyl methacrylate	50.000	49.232	1.5	99	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	1060.060	-6.0	113	0.00
50	S	Toluene-d8	50.000	45.510	9.0	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.021	1.6	104	0.00
52	CM	Toluene	50.000	48.788	2.4#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	51.459	-2.9	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.066	-0.1	103	0.00
55	T	1,1,2-Trichloroethane	50.000	45.940	8.1	102	0.00
56	T	Ethyl methacrylate	50.000	51.392	-2.8	104	0.00
57	T	1,3-Dichloropropane	50.000	48.602	2.8	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	232.934	6.8	102	0.00
59	T	2-Hexanone	250.000	258.687	-3.5	108	0.00
60	T	Dibromochloromethane	50.000	49.161	1.7	103	0.00
61	T	1,2-Dibromoethane	50.000	48.223	3.6	102	0.00
62	S	4-Bromofluorobenzene	50.000	44.975	10.0	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	52.531	-5.1	110	0.00
65	PM	Chlorobenzene	50.000	48.501	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.593	-1.2	106	0.00
67	C	Ethyl Benzene	50.000	53.267	-6.5#	110	0.00
68	T	m/p-Xylenes	100.000	104.945	-4.9	106	0.00
69	T	o-Xylene	50.000	53.311	-6.6	108	0.00
70	T	Styrene	50.000	52.371	-4.7	106	0.00
71	P	Bromoform	50.000	50.601	-1.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73	T	Isopropylbenzene	50.000	51.711	-3.4	106	0.00
74	T	N-amyl acetate	50.000	50.061	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.980	6.0	102	0.00
76	T	1,2,3-Trichloropropane	50.000	52.182	-4.4	117	0.00
77	T	Bromobenzene	50.000	49.609	0.8	103	0.00
78	T	n-propylbenzene	50.000	52.469	-4.9	108	0.00
79	T	2-Chlorotoluene	50.000	50.751	-1.5	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.066	-6.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.219	-4.4	107	0.00
82	T	4-Chlorotoluene	50.000	49.587	0.8	102	0.00
83	T	tert-Butylbenzene	50.000	53.512	-7.0	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.884	-3.8	105	0.00
85	T	sec-Butylbenzene	50.000	53.088	-6.2	107	0.00
86	T	p-Isopropyltoluene	50.000	52.722	-5.4	106	0.00
87	T	1,3-Dichlorobenzene	50.000	49.012	2.0	103	0.00
88	T	1,4-Dichlorobenzene	50.000	47.819	4.4	104	0.00
89	T	n-Butylbenzene	50.000	53.415	-6.8	108	0.00
90	T	Hexachloroethane	50.000	50.748	-1.5	108	0.00
91	T	1,2-Dichlorobenzene	50.000	47.762	4.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.585	4.8	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.833	2.3	101	0.00
94	T	Hexachlorobutadiene	50.000	46.448	7.1	94	0.00
95	T	Naphthalene	50.000	52.201	-4.4	108	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.408	-0.8	109	0.00

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

Raw Data: **VW032204.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	POWE02
Lab Code:	ACE	SDG No.:	Q3155
Instrument ID:	MSVOA_W	Calibration Date/Time:	09/19/2025 09:38
Lab File ID:	VW032204.D	Init. Calib. Date(s):	08/26/2025 08/26/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:39 12:34

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
cis-1,2-Dichloroethene	0.718	0.725		0.98	20
1,1,1-Trichloroethane	0.891	0.911		2.24	20
Benzene	1.406	1.384		-1.57	20
Trichloroethene	0.354	0.347		-1.98	20
Toluene	0.919	0.917		-0.22	20
Ethyl Benzene	1.865	1.878		0.7	20
m/p-Xylenes	0.718	0.729		1.53	20
o-Xylene	0.679	0.677		-0.29	20
Isopropylbenzene	3.397	3.509		3.3	20
1,2-Dichloroethane-d4	0.715	0.725		1.4	20
Dibromofluoromethane	0.351	0.334		-4.84	20
Toluene-d8	1.231	1.189		-3.41	20
4-Bromofluorobenzene	0.455	0.445		-2.2	20

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

Sample Results: **VW032204.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.953	168	193605	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	337702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	309889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	159183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	140316	50.677	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.360%			
35) Dibromofluoromethane	7.898	113	112844	47.628	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 95.260%			
50) Toluene-d8	10.325	98	401656	48.291	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 96.580%			
62) 4-Bromofluorobenzene	12.617	95	150398	48.900	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 97.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	61321	47.973	ug/l	93
3) Chloromethane	2.253	50	70334	52.480	ug/l	99
4) Vinyl Chloride	2.405	62	96372	55.364	ug/l	99
5) Bromomethane	2.820	94	79848	51.367	ug/l	100
6) Chloroethane	2.972	64	68508	55.885	ug/l	95
7) Trichlorofluoromethane	3.302	101	89308	51.781	ug/l	100
8) Diethyl Ether	3.716	74	71286	55.385	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	108964	56.082	ug/l	97
10) Methyl Iodide	4.301	142	133774	45.218	ug/l	96
11) Tert butyl alcohol	5.216	59	40407	238.585	ug/l	100
12) 1,1-Dichloroethene	4.076	96	114113	55.769	ug/l	98
13) Acrolein	3.923	56	13685	52.567	ug/l	98
14) Allyl chloride	4.698	41	145063	49.910	ug/l	97
15) Acrylonitrile	5.399	53	161050	257.364	ug/l	99
16) Acetone	4.155	43	166348	277.412	ug/l	99
17) Carbon Disulfide	4.423	76	239266	46.753	ug/l	99
18) Methyl Acetate	4.704	43	114519	59.940	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	196769	50.925	ug/l	99
20) Methylene Chloride	4.960	84	118586	48.124	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	113402	49.612	ug/l	91
22) Diisopropyl ether	6.338	45	331472	52.400	ug/l	98
23) Vinyl Acetate	6.277	43	1092151	253.939	ug/l	100
24) 1,1-Dichloroethane	6.240	63	209626	50.619	ug/l	98
25) 2-Butanone	7.191	43	221799	261.028	ug/l	99
26) 2,2-Dichloropropane	7.185	77	117689	53.664	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	140379	50.469	ug/l	100
28) Bromochloromethane	7.526	49	98789	52.111	ug/l	95
29) Tetrahydrofuran	7.551	42	141606	262.252	ug/l	98
30) Chloroform	7.691	83	241401	51.055	ug/l	100
31) Cyclohexane	7.972	56	158677	46.683	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	176429	51.116	ug/l	99
36) 1,1-Dichloropropene	8.093	75	154155	50.181	ug/l	99
37) Ethyl Acetate	7.270	43	89673	48.660	ug/l	98
38) Carbon Tetrachloride	8.081	117	168642	51.209	ug/l	97
39) Methylcyclohexane	9.343	83	179354	49.292	ug/l	94
40) Benzene	8.337	78	467450	49.227	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	53352	52.109	ug/l		94
42) 1,2-Dichloroethane	8.410	62	166042	50.440	ug/l		100
43) Isopropyl Acetate	8.435	43	173234	50.108	ug/l		100
44) Trichloroethene	9.099	130	117235	49.093	ug/l		93
45) 1,2-Dichloropropane	9.374	63	115427	50.425	ug/l		97
46) Dibromomethane	9.465	93	80603	50.203	ug/l		94
47) Bromodichloromethane	9.648	83	185510	50.844	ug/l		97
48) Methyl methacrylate	9.441	41	82727	51.924	ug/l		98
49) 1,4-Dioxane	9.459	88	18949	976.810	ug/l		96
51) 4-Methyl-2-Pentanone	10.215	43	513068	262.826	ug/l		98
52) Toluene	10.392	92	309828	49.929	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	167574	52.063	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	183462	49.954	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	104842	50.216	ug/l		97
56) Ethyl methacrylate	10.648	69	134837	50.516	ug/l		99
57) 1,3-Dichloropropane	10.934	76	175901	50.317	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	368106	258.375	ug/l		100
59) 2-Hexanone	10.971	43	364727	268.646	ug/l		98
60) Dibromochloromethane	11.130	129	125688	49.751	ug/l		98
61) 1,2-Dibromoethane	11.239	107	101978	49.669	ug/l		98
64) Tetrachloroethene	10.867	164	95352	46.751	ug/l		97
65) Chlorobenzene	11.654	112	344732	48.874	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.727	131	119852	51.611	ug/l		97
67) Ethyl Benzene	11.727	91	582056	50.365	ug/l		98
68) m/p-Xylenes	11.837	106	451604	101.535	ug/l		99
69) o-Xylene	12.166	106	209869	49.884	ug/l		96
70) Styrene	12.178	104	380492	51.305	ug/l		100
71) Bromoform	12.355	173	69213	50.182	ug/l	#	100
73) Isopropylbenzene	12.465	105	558649	51.658	ug/l		100
74) N-amyl acetate	12.270	43	159092	50.671	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	132253	51.459	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	96774m	48.527	ug/l		
77) Bromobenzene	12.745	156	134863	48.903	ug/l		98
78) n-propylbenzene	12.800	91	696497	53.049	ug/l		97
79) 2-Chlorotoluene	12.891	91	408980	50.940	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	480769	52.508	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.513	75	40123	54.171	ug/l		98
82) 4-Chlorotoluene	12.989	91	431982	50.265	ug/l		98
83) tert-Butylbenzene	13.202	119	410189	52.836	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	476542	50.307	ug/l		100
85) sec-Butylbenzene	13.379	105	595226	51.352	ug/l		98
86) p-Isopropyltoluene	13.495	119	505573	51.290	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	272609	49.095	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	274360	49.295	ug/l		94
89) n-Butylbenzene	13.818	91	490270	52.169	ug/l		97
90) Hexachloroethane	14.092	117	93388	51.796	ug/l		95
91) 1,2-Dichlorobenzene	13.867	146	253474	51.559	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	22572	49.715	ug/l		95
93) 1,2,4-Trichlorobenzene	15.129	180	147240	46.877	ug/l		99
94) Hexachlorobutadiene	15.232	225	73079	46.912	ug/l		95
95) Naphthalene	15.360	128	356866	50.203	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	132585	45.389	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

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

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

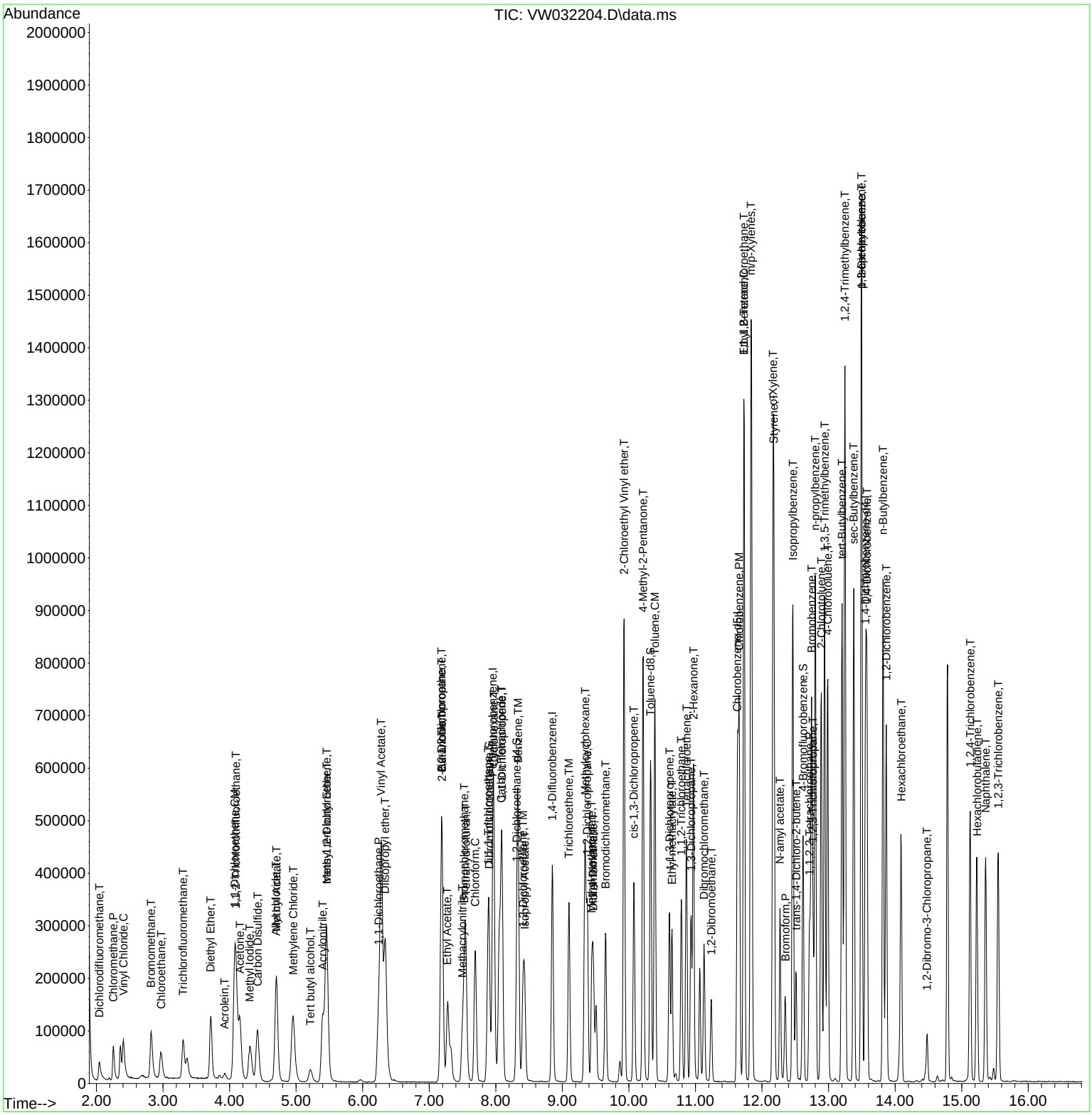
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025



Sample Results: **VW032204.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	93	-0.01
2	T	Dichlorodifluoromethane	0.330	0.317	3.9	94	0.00
3	P	Chloromethane	0.346	0.363	-4.9	99	0.00
4	C	Vinyl Chloride	0.450	0.498	-10.7#	104	0.00
5	T	Bromomethane	0.401	0.412	-2.7	103	0.00
6	T	Chloroethane	0.317	0.354	-11.7	104	0.00
7	T	Trichlorofluoromethane	0.445	0.461	-3.6	89	0.00
8	T	Diethyl Ether	0.332	0.368	-10.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.502	0.563	-12.2	104	-0.01
10	T	Methyl Iodide	0.764	0.691	9.6	86	-0.01
11	T	Tert butyl alcohol	0.044	0.042	4.5	88	0.00
12	CM	1,1-Dichloroethene	0.528	0.589	-11.6#	102	0.00
13	T	Acrolein	0.067	0.014	79.1#	20#	0.00
14	T	Allyl chloride	0.751	0.749	0.3	91	0.00
15	T	Acrylonitrile	0.162	0.166	-2.5	95	0.00
16	T	Acetone	0.155	0.172	-11.0	102	0.00
17	T	Carbon Disulfide	1.322	1.236	6.5	85	0.00
18	T	Methyl Acetate	0.493	0.592	-20.1	107	0.00
19	T	Methyl tert-butyl Ether	0.998	1.016	-1.8	90	0.00
20	T	Methylene Chloride	0.725	0.613	15.4	89	0.00
21	T	trans-1,2-Dichloroethene	0.590	0.586	0.7	89	0.00
22	T	Diisopropyl ether	1.634	1.712	-4.8	93	0.00
23	T	Vinyl Acetate	1.111	1.128	-1.5	89	0.00
24	P	1,1-Dichloroethane	1.070	1.083	-1.2	91	0.00
25	T	2-Butanone	0.219	0.229	-4.6	94	0.00
26	T	2,2-Dichloropropane	0.566	0.608	-7.4	93	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.725	-1.0	91	0.00
28	T	Bromochloromethane	0.490	0.510	-4.1	98	0.00
29	T	Tetrahydrofuran	0.139	0.146	-5.0	96	0.00
30	C	Chloroform	1.221	1.247	-2.1#	93	0.00
31	T	Cyclohexane	0.878	0.820	6.6	88	0.00
32	T	1,1,1-Trichloroethane	0.891	0.911	-2.2	92	0.00
33	S	1,2-Dichloroethane-d4	0.715	0.725	-1.4	97	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.351	0.334	4.8	93	0.00
36	T	1,1-Dichloropropene	0.455	0.456	-0.2	90	0.00
37	T	Ethyl Acetate	0.273	0.266	2.6	90	0.00
38	T	Carbon Tetrachloride	0.488	0.499	-2.3	92	0.00
39	T	Methylcyclohexane	0.539	0.531	1.5	86	0.00
40	TM	Benzene	1.406	1.384	1.6	91	0.00
41	T	Methacrylonitrile	0.152	0.158	-3.9	100	0.00
42	TM	1,2-Dichloroethane	0.487	0.492	-1.0	94	0.00
43	T	Isopropyl Acetate	0.512	0.513	-0.2	91	0.00
44	TM	Trichloroethene	0.354	0.347	2.0	93	0.00
45	C	1,2-Dichloropropane	0.339	0.342	-0.9#	92	0.00
46	T	Dibromomethane	0.238	0.239	-0.4	96	0.00
47	T	Bromodichloromethane	0.540	0.549	-1.7	92	0.00
48	T	Methyl methacrylate	0.236	0.245	-3.8	90	0.00

Sample Results: **VW032204.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	1.231	1.189	3.4	90	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.304	-5.2	96	0.00
52	CM	Toluene	0.919	0.917	0.2#	91	0.00
53	T	t-1,3-Dichloropropene	0.477	0.496	-4.0	92	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.543	0.2	89	0.00
55	T	1,1,2-Trichloroethane	0.309	0.310	-0.3	96	0.00
56	T	Ethyl methacrylate	0.395	0.399	-1.0	88	0.00
57	T	1,3-Dichloropropane	0.518	0.521	-0.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.218	-3.3	98	0.00
59	T	2-Hexanone	0.201	0.216	-7.5	97	0.00
60	T	Dibromochloromethane	0.374	0.372	0.5	90	0.00
61	T	1,2-Dibromoethane	0.304	0.302	0.7	91	0.00
62	S	4-Bromofluorobenzene	0.455	0.445	2.2	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64	T	Tetrachloroethene	0.329	0.308	6.4	85	0.00
65	PM	Chlorobenzene	1.138	1.112	2.3	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.375	0.387	-3.2	94	0.00
67	C	Ethyl Benzene	1.865	1.878	-0.7#	91	0.00
68	T	m/p-Xylenes	0.718	0.729	-1.5	89	0.00
69	T	o-Xylene	0.679	0.677	0.3	88	0.00
70	T	Styrene	1.197	1.228	-2.6	91	0.00
71	P	Bromoform	0.223	0.223	0.0	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.397	3.509	-3.3	91	0.00
74	T	N-amyl acetate	0.986	0.999	-1.3	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.807	0.831	-3.0	96	0.00
76	T	1,2,3-Trichloropropane	0.626	0.608	2.9	94	0.00
77	T	Bromobenzene	0.866	0.847	2.2	88	0.00
78	T	n-propylbenzene	4.124	4.375	-6.1	94	0.00
79	T	2-Chlorotoluene	2.522	2.569	-1.9	91	0.00
80	T	1,3,5-Trimethylbenzene	2.876	3.020	-5.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.252	-8.2	95	0.00
82	T	4-Chlorotoluene	2.699	2.714	-0.6	89	0.00
83	T	tert-Butylbenzene	2.439	2.577	-5.7	89	0.00
84	T	1,2,4-Trimethylbenzene	2.975	2.994	-0.6	87	0.00
85	T	sec-Butylbenzene	3.641	3.739	-2.7	89	0.00
86	T	p-Isopropyltoluene	3.096	3.176	-2.6	88	0.00
87	T	1,3-Dichlorobenzene	1.744	1.713	1.8	88	0.00
88	T	1,4-Dichlorobenzene	1.748	1.724	1.4	92	0.00
89	T	n-Butylbenzene	2.952	3.080	-4.3	90	0.00
90	T	Hexachloroethane	0.566	0.587	-3.7	94	0.00
91	T	1,2-Dichlorobenzene	1.544	1.592	-3.1	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.143	0.142	0.7	95	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.925	6.3	83	0.00
94	T	Hexachlorobutadiene	0.489	0.459	6.1	81	0.00
95	T	Naphthalene	2.233	2.242	-0.4	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	0.918	0.833	9.3	84	0.00

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

Sample Results: **VW032204.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	93	-0.01
2	T	Dichlorodifluoromethane	50.000	47.973	4.1	94	0.00
3	P	Chloromethane	50.000	52.480	-5.0	99	0.00
4	C	Vinyl Chloride	50.000	55.364	-10.7#	104	0.00
5	T	Bromomethane	50.000	51.367	-2.7	103	0.00
6	T	Chloroethane	50.000	55.885	-11.8	104	0.00
7	T	Trichlorofluoromethane	50.000	51.781	-3.6	89	0.00
8	T	Diethyl Ether	50.000	55.385	-10.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.082	-12.2	104	-0.01
10	T	Methyl Iodide	50.000	45.218	9.6	86	-0.01
11	T	Tert butyl alcohol	250.000	238.585	4.6	88	0.00
12	CM	1,1-Dichloroethene	50.000	55.769	-11.5#	102	0.00
13	T	Acrolein	250.000	52.567	79.0#	20	0.00
14	T	Allyl chloride	50.000	49.910	0.2	91	0.00
15	T	Acrylonitrile	250.000	257.364	-2.9	95	0.00
16	T	Acetone	250.000	277.412	-11.0	102	0.00
17	T	Carbon Disulfide	50.000	46.753	6.5	85	0.00
18	T	Methyl Acetate	50.000	59.940	-19.9	107	0.00
19	T	Methyl tert-butyl Ether	50.000	50.925	-1.8	90	0.00
20	T	Methylene Chloride	50.000	48.124	3.8	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.612	0.8	89	0.00
22	T	Diisopropyl ether	50.000	52.400	-4.8	93	0.00
23	T	Vinyl Acetate	250.000	253.939	-1.6	89	0.00
24	P	1,1-Dichloroethane	50.000	50.619	-1.2	91	0.00
25	T	2-Butanone	250.000	261.028	-4.4	94	0.00
26	T	2,2-Dichloropropane	50.000	53.664	-7.3	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.469	-0.9	91	0.00
28	T	Bromochloromethane	50.000	52.111	-4.2	98	0.00
29	T	Tetrahydrofuran	250.000	262.252	-4.9	96	0.00
30	C	Chloroform	50.000	51.055	-2.1#	93	0.00
31	T	Cyclohexane	50.000	46.683	6.6	88	0.00
32	T	1,1,1-Trichloroethane	50.000	51.116	-2.2	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.677	-1.4	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	47.628	4.7	93	0.00
36	T	1,1-Dichloropropene	50.000	50.181	-0.4	90	0.00
37	T	Ethyl Acetate	50.000	48.660	2.7	90	0.00
38	T	Carbon Tetrachloride	50.000	51.209	-2.4	92	0.00
39	T	Methylcyclohexane	50.000	49.292	1.4	86	0.00
40	TM	Benzene	50.000	49.227	1.5	91	0.00
41	T	Methacrylonitrile	50.000	52.109	-4.2	100	0.00
42	TM	1,2-Dichloroethane	50.000	50.440	-0.9	94	0.00
43	T	Isopropyl Acetate	50.000	50.108	-0.2	91	0.00
44	TM	Trichloroethene	50.000	49.093	1.8	93	0.00
45	C	1,2-Dichloropropane	50.000	50.425	-0.8#	92	0.00
46	T	Dibromomethane	50.000	50.203	-0.4	96	0.00
47	T	Bromodichloromethane	50.000	50.844	-1.7	92	0.00
48	T	Methyl methacrylate	50.000	51.924	-3.8	90	0.00

Sample Results: **VW032204.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	976.810	2.3	90	0.00
50	S	Toluene-d8	50.000	48.291	3.4	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.826	-5.1	96	0.00
52	CM	Toluene	50.000	49.929	0.1#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.063	-4.1	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.954	0.1	89	0.00
55	T	1,1,2-Trichloroethane	50.000	50.216	-0.4	96	0.00
56	T	Ethyl methacrylate	50.000	50.516	-1.0	88	0.00
57	T	1,3-Dichloropropane	50.000	50.317	-0.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.375	-3.4	98	0.00
59	T	2-Hexanone	250.000	268.646	-7.5	97	0.00
60	T	Dibromochloromethane	50.000	49.751	0.5	90	0.00
61	T	1,2-Dibromoethane	50.000	49.669	0.7	91	0.00
62	S	4-Bromofluorobenzene	50.000	48.900	2.2	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	46.751	6.5	85	0.00
65	PM	Chlorobenzene	50.000	48.874	2.3	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.611	-3.2	94	0.00
67	C	Ethyl Benzene	50.000	50.365	-0.7#	91	0.00
68	T	m/p-Xylenes	100.000	101.535	-1.5	89	0.00
69	T	o-Xylene	50.000	49.884	0.2	88	0.00
70	T	Styrene	50.000	51.305	-2.6	91	0.00
71	P	Bromoform	50.000	50.182	-0.4	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	51.658	-3.3	91	0.00
74	T	N-amyl acetate	50.000	50.671	-1.3	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.459	-2.9	96	0.00
76	T	1,2,3-Trichloropropane	50.000	48.527	2.9	94	0.00
77	T	Bromobenzene	50.000	48.903	2.2	88	0.00
78	T	n-propylbenzene	50.000	53.049	-6.1	94	0.00
79	T	2-Chlorotoluene	50.000	50.940	-1.9	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.508	-5.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.171	-8.3	95	0.00
82	T	4-Chlorotoluene	50.000	50.265	-0.5	89	0.00
83	T	tert-Butylbenzene	50.000	52.836	-5.7	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.307	-0.6	87	0.00
85	T	sec-Butylbenzene	50.000	51.352	-2.7	89	0.00
86	T	p-Isopropyltoluene	50.000	51.290	-2.6	88	0.00
87	T	1,3-Dichlorobenzene	50.000	49.095	1.8	88	0.00
88	T	1,4-Dichlorobenzene	50.000	49.295	1.4	92	0.00
89	T	n-Butylbenzene	50.000	52.169	-4.3	90	0.00
90	T	Hexachloroethane	50.000	51.796	-3.6	94	0.00
91	T	1,2-Dichlorobenzene	50.000	51.559	-3.1	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.715	0.6	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.877	6.2	83	0.00
94	T	Hexachlorobutadiene	50.000	46.912	6.2	81	0.00
95	T	Naphthalene	50.000	50.203	-0.4	89	0.00

Sample Results: **VW032204.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 23:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	45.389	9.2	84	0.00

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

QC SAMPLE DATA

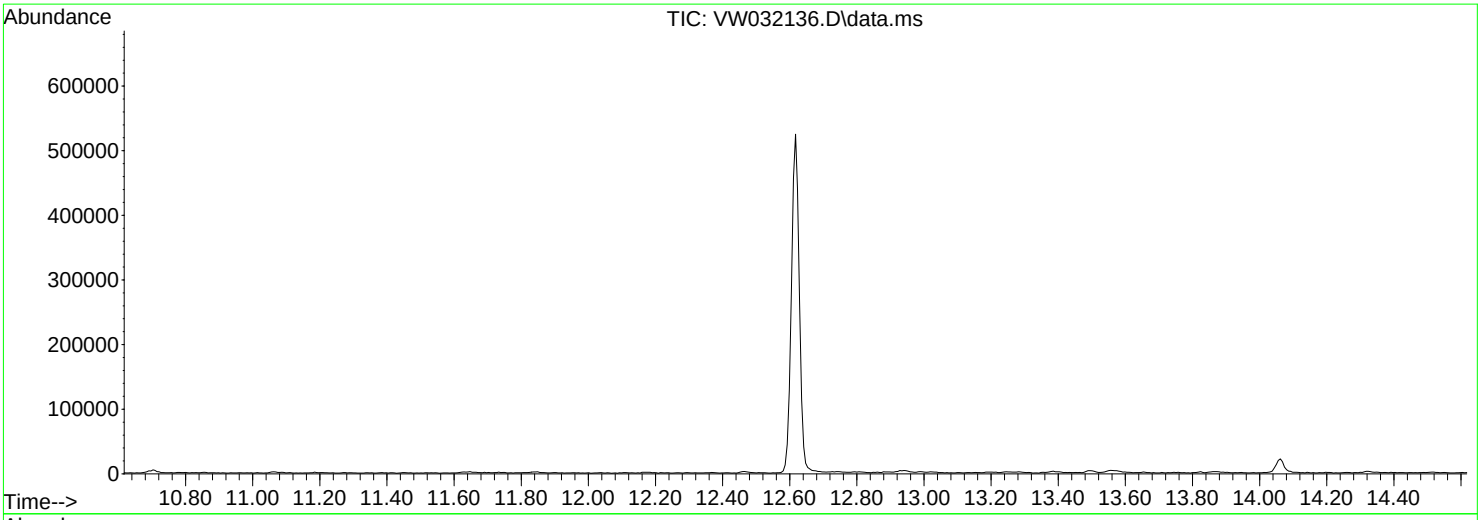
Sample Results: **VW032136.D**

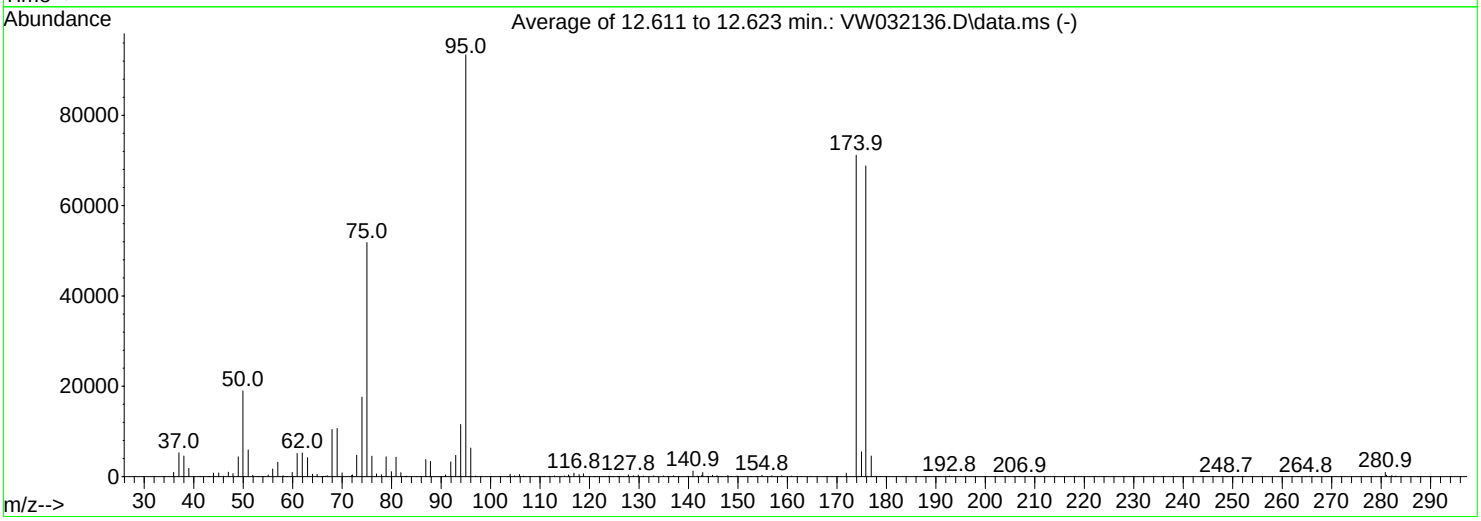
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032136.D
Acq On : 26 Aug 2025 08:38
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260
Last Update : Wed Aug 27 04:13:40 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	20.3	18996	PASS
75	95	30	60	55.5	51824	PASS
95	95	100	100	100.0	93381	PASS
96	95	5	9	6.8	6324	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.2	71157	PASS
175	174	5	9	7.7	5501	PASS
176	174	95	101	96.7	68787	PASS
177	176	5	9	6.6	4557	PASS

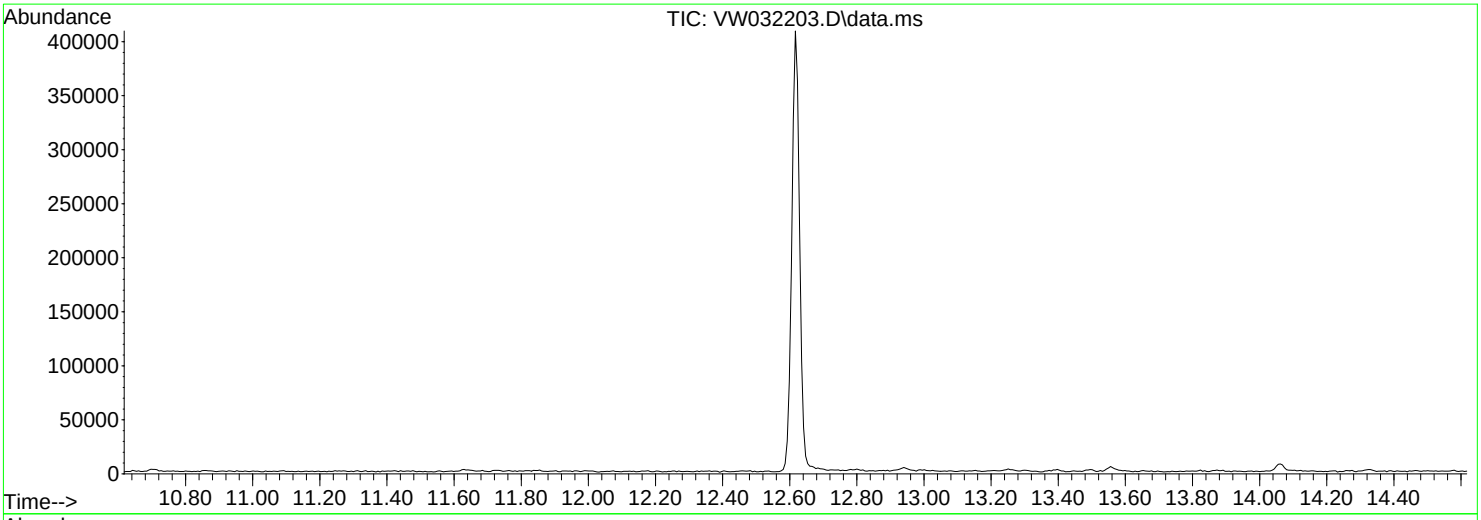
Sample Results: **VW032203.D**

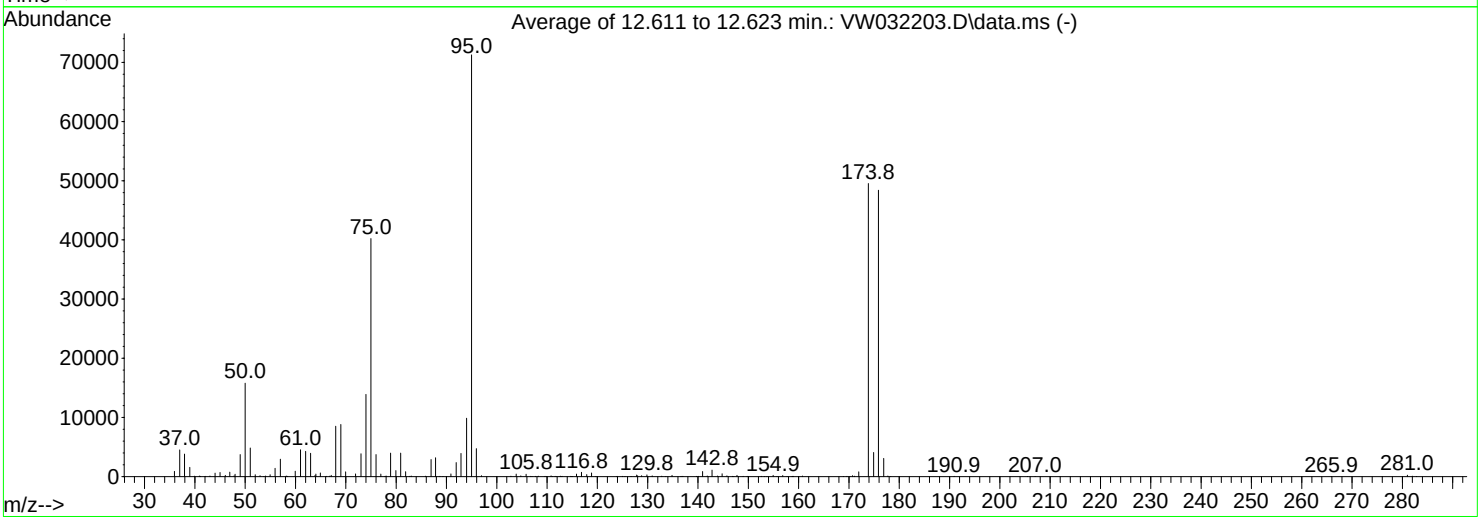
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032203.D
Acq On : 19 Sep 2025 08:22
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260
Last Update : Wed Aug 27 04:13:40 2025





AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1749

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	15783	PASS
75	95	30	60	56.4	40224	PASS
95	95	100	100	100.0	71270	PASS
96	95	5	9	6.6	4720	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.5	49528	PASS
175	174	5	9	8.3	4089	PASS
176	174	95	101	97.7	48397	PASS
177	176	5	9	6.4	3078	PASS

Raw Data: **VW032205.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VW0919SBL01	SDG No.:	Q3155
Lab Sample ID:	VW0919SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032205.D	1	09/19/25 10:08	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	2.02	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.7		63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	44.7		74 - 123	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		17 - 146	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	7.959			
540-36-3	1,4-Difluorobenzene	282000	8.849			
3114-55-4	Chlorobenzene-d5	288000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	136000	13.556			

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: **VW032205.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032205.D
Acq On : 19 Sep 2025 10:08
Operator : SY/MD
Sample : VW0919SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Quant Time: Sep 19 23:04:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

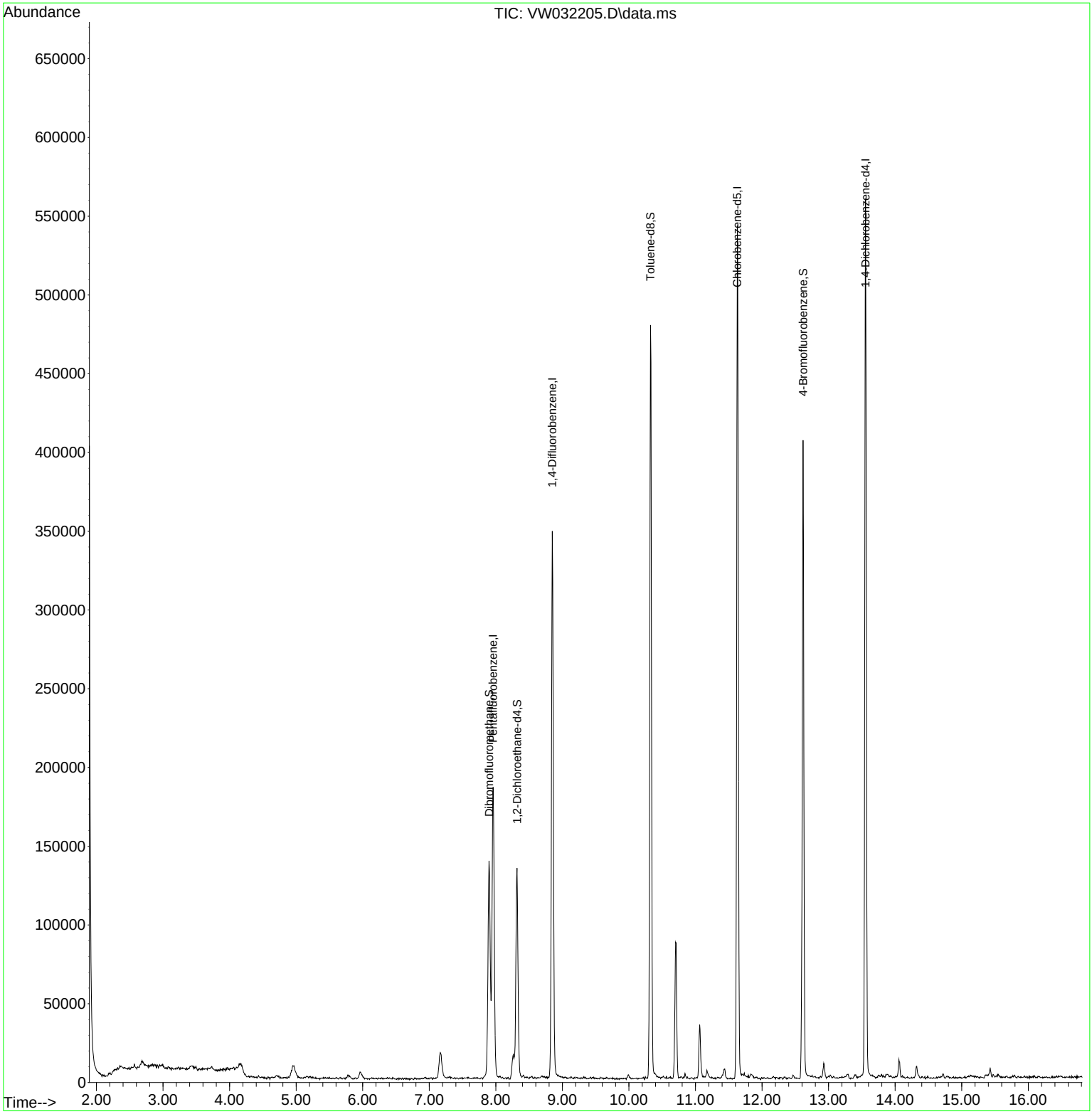
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	128568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	281974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	287563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	136277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	107935	58.702	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.400%			
35) Dibromofluoromethane	7.898	113	95858	48.454	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 96.900%			
50) Toluene-d8	10.325	98	310434	44.700	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 89.400%			
62) 4-Bromofluorobenzene	12.617	95	121634	47.364	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 94.720%			
Target Compounds						Qvalue

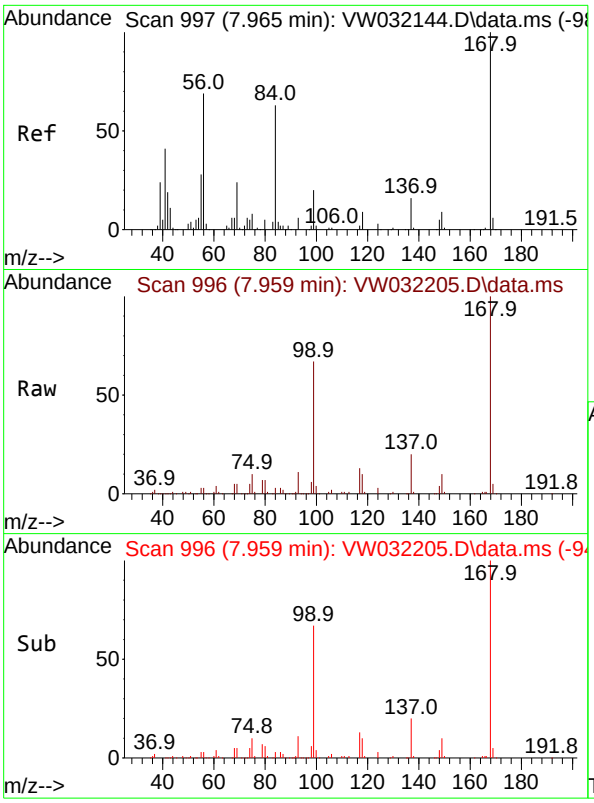
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032205.D
Acq On : 19 Sep 2025 10:08
Operator : SY/MD
Sample : VW0919SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Quant Time: Sep 19 23:04:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



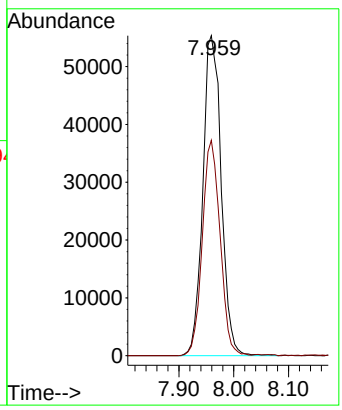


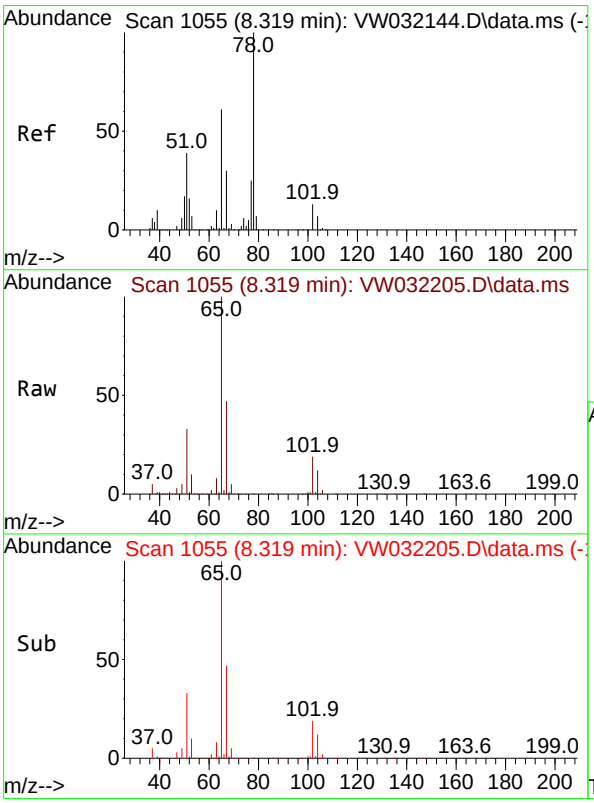
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion:168 Resp: 128568

Ion	Ratio	Lower	Upper
168	100		
99	67.3	49.3	73.9

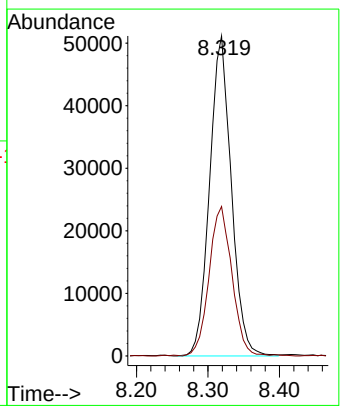


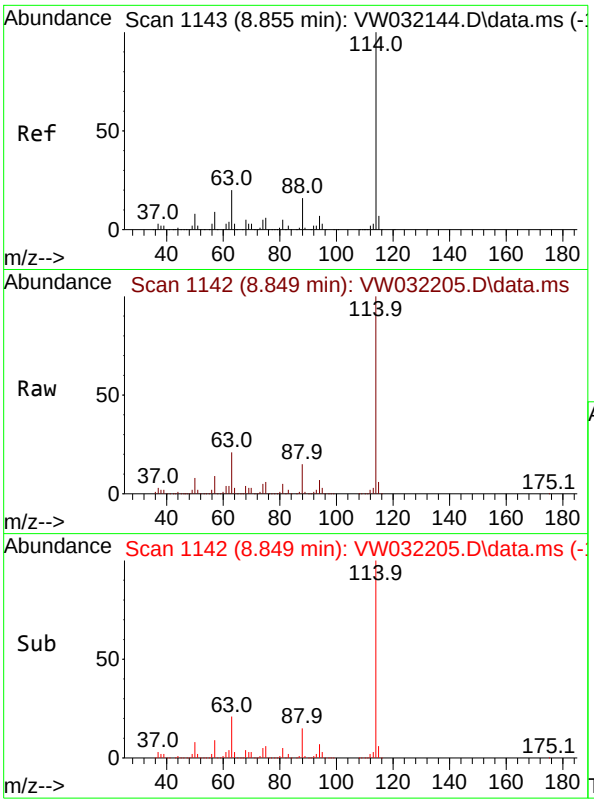


#33
1,2-Dichloroethane-d4
Concen: 58.702 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion: 65 Resp: 107935

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.6



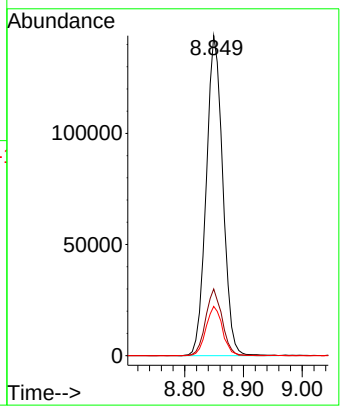


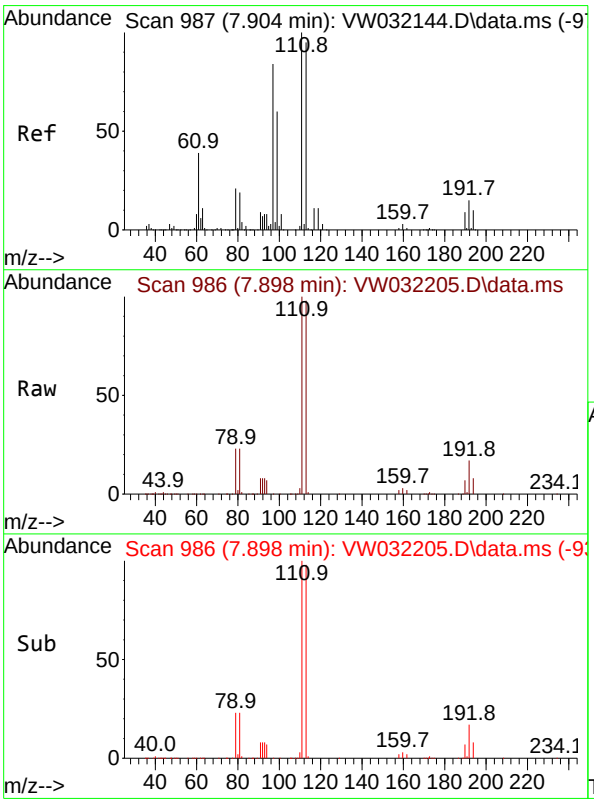
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion:114 Resp: 281974

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	15.4	0.0	32.0

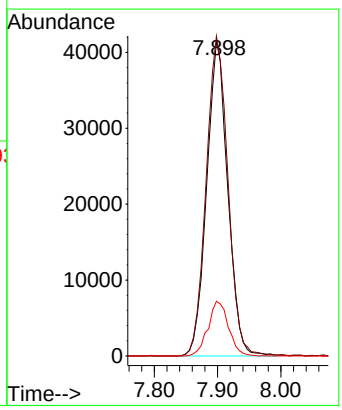


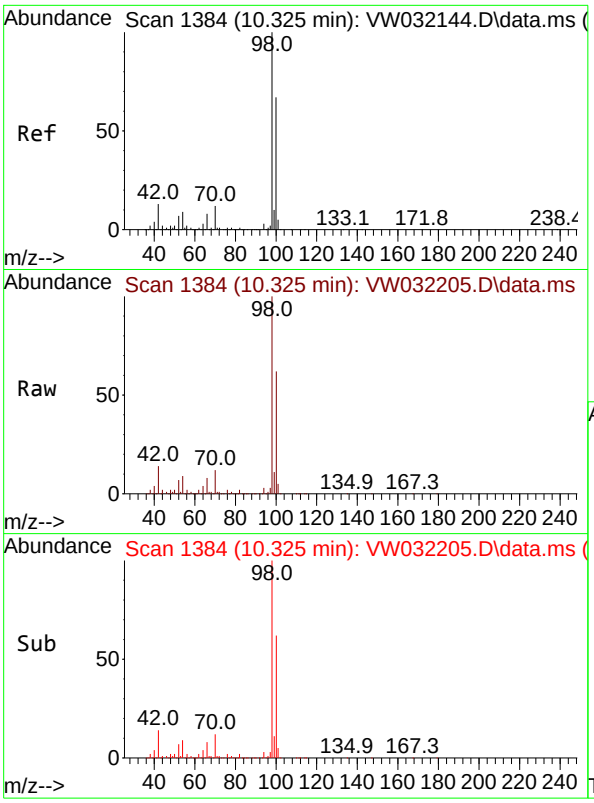


#35
Dibromofluoromethane
Concen: 48.454 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion:113 Resp: 95858

Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.9	125.9
192	16.9	14.6	21.8



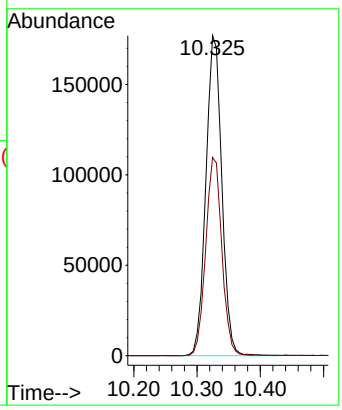


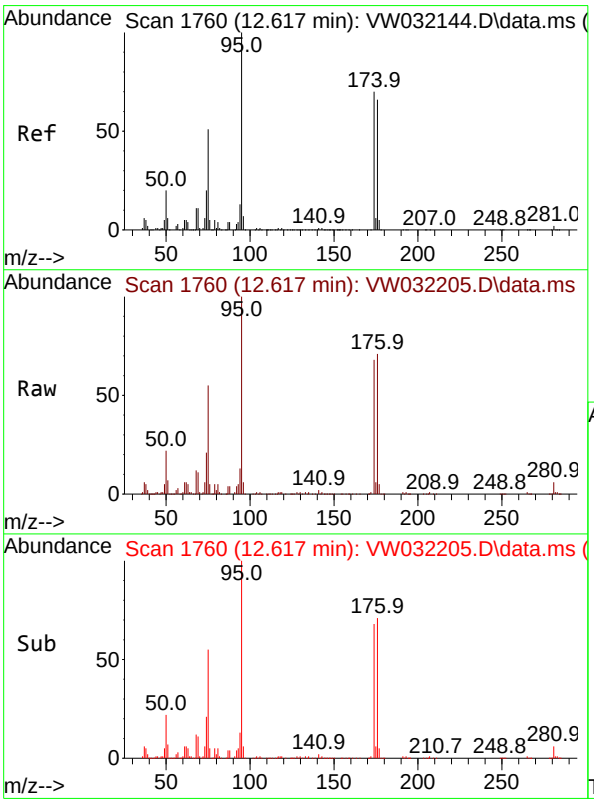
#50
Toluene-d8
Concen: 44.700 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion: 98 Resp: 310434

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.4	77.2

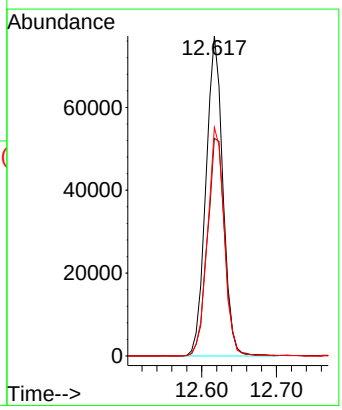


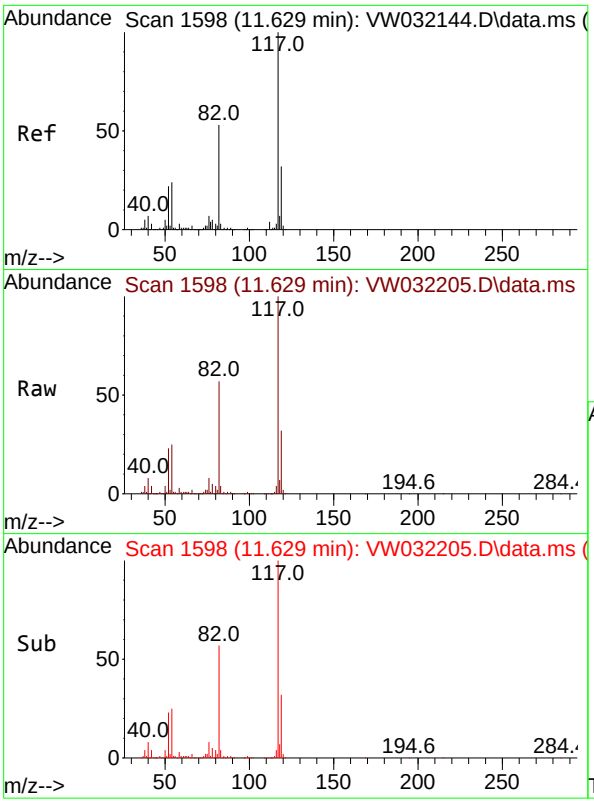


#62
4-Bromofluorobenzene
Concen: 47.364 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion: 95 Resp: 121634

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	145.6
176	70.8	0.0	140.8



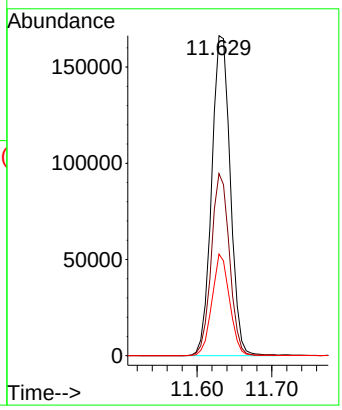


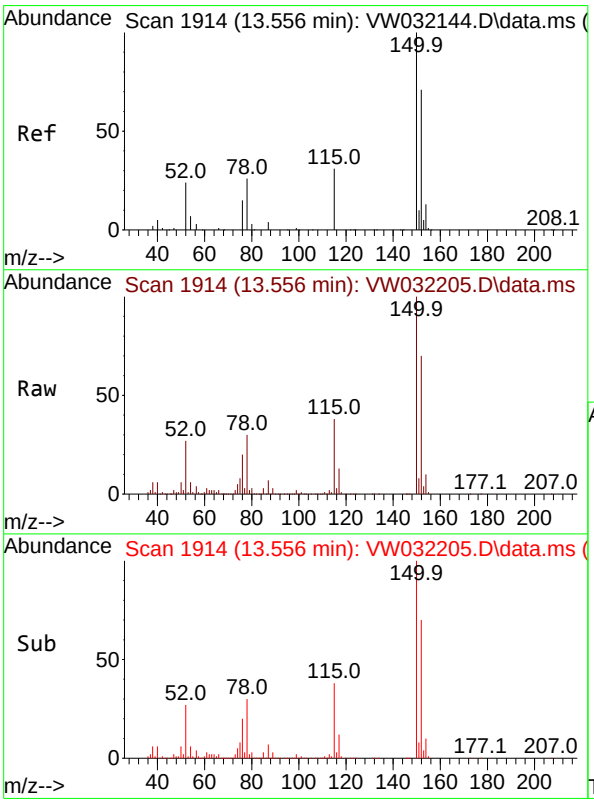
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion:117 Resp: 287563

Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.7	64.1
119	31.7	25.2	37.8

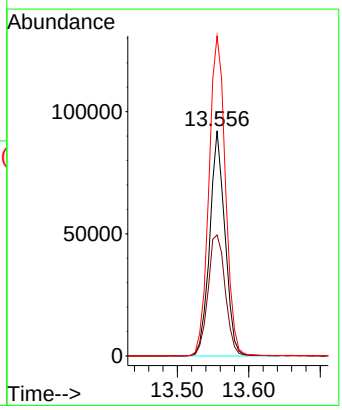




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion:152 Resp: 136277

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.8	95.4
150	154.2	0.0	343.0



Raw Data: **VW032206.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VW0919SBS01	SDG No.:	Q3155
Lab Sample ID:	VW0919SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032206.D	1	09/19/25 10:35	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	20.2		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.93	5.00	ug/Kg
71-43-2	Benzene	21.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.6		0.81	5.00	ug/Kg
108-88-3	Toluene	21.2		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	62.8		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	52.7		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.959			
540-36-3	1,4-Difluorobenzene	323000	8.849			
3114-55-4	Chlorobenzene-d5	298000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.556			

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\VW091925\
Data File : VW032206.D
Acq On : 19 Sep 2025 10:35
Operator : SY/MD
Sample : VW0919SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 23:04:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	187746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	322734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	298059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	153629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142032	52.898	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.800%			
35) Dibromofluoromethane	7.898	113	119700	52.865	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.720%			
50) Toluene-d8	10.324	98	418526	52.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.617	95	147752	50.268	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	28056	22.634	ug/l	94
3) Chloromethane	2.253	50	32451	24.969	ug/l	96
4) Vinyl Chloride	2.405	62	44166	26.164	ug/l	96
5) Bromomethane	2.820	94	37977	25.194	ug/l	98
6) Chloroethane	2.966	64	30681	25.809	ug/l	100
7) Trichlorofluoromethane	3.301	101	33421	19.982	ug/l	96
8) Diethyl Ether	3.722	74	26964	21.603	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	47196	25.049	ug/l	96
10) Methyl Iodide	4.307	142	56933	19.845	ug/l	97
11) Tert butyl alcohol	5.216	59	15410	93.829	ug/l	99
12) 1,1-Dichloroethene	4.069	96	48874	24.631	ug/l	100
13) Acrolein	3.923	56	13925	55.158	ug/l	94
14) Allyl chloride	4.697	41	56266	19.963	ug/l	97
15) Acrylonitrile	5.405	53	61681	101.644	ug/l	98
16) Acetone	4.155	43	94076	161.783	ug/l	99
17) Carbon Disulfide	4.423	76	101681	20.489	ug/l #	94
18) Methyl Acetate	4.710	43	34968	18.874	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	76866	20.514	ug/l	98
20) Methylene Chloride	4.947	84	56161	20.999	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	46378	20.923	ug/l	89
22) Diisopropyl ether	6.337	45	131943	21.509	ug/l	95
23) Vinyl Acetate	6.283	43	444822	106.654	ug/l	99
24) 1,1-Dichloroethane	6.240	63	85479	21.285	ug/l	99
25) 2-Butanone	7.191	43	92645	112.433	ug/l	97
26) 2,2-Dichloropropane	7.185	77	46188	21.718	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	54391	20.165	ug/l	97
28) Bromochloromethane	7.526	49	41461	22.553	ug/l	94
29) Tetrahydrofuran	7.551	42	52403	100.078	ug/l	99
30) Chloroform	7.691	83	98045	21.383	ug/l	97
31) Cyclohexane	7.965	56	70073	21.259	ug/l #	93
32) 1,1,1-Trichloroethane	7.886	97	70956	21.199	ug/l	96
36) 1,1-Dichloropropene	8.093	75	62591	21.320	ug/l	98
37) Ethyl Acetate	7.270	43	36979	20.997	ug/l	98
38) Carbon Tetrachloride	8.081	117	67727	21.520	ug/l	98
39) Methylcyclohexane	9.343	83	71546	20.575	ug/l	97
40) Benzene	8.331	78	194195	21.399	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032206.D
Acq On : 19 Sep 2025 10:35
Operator : SY/MD
Sample : VW0919SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 23:04:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	18738	19.150	ug/l		96
42) 1,2-Dichloroethane	8.410	62	67886	21.579	ug/l		100
43) Isopropyl Acetate	8.435	43	66517	20.132	ug/l		98
44) Trichloroethene	9.099	130	47043	20.613	ug/l		93
45) 1,2-Dichloropropane	9.373	63	47229	21.589	ug/l		94
46) Dibromomethane	9.465	93	32257	21.023	ug/l		97
47) Bromodichloromethane	9.654	83	73843	21.177	ug/l		93
48) Methyl methacrylate	9.440	41	30695	20.159	ug/l		96
49) 1,4-Dioxane	9.465	88	7558	407.680	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.215	43	195163	104.612	ug/l		96
52) Toluene	10.392	92	125837	21.219	ug/l		99
53) t-1,3-Dichloropropene	10.605	75	63806	20.743	ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	71794	20.455	ug/l		91
55) 1,1,2-Trichloroethane	10.788	97	42428	21.264	ug/l		92
56) Ethyl methacrylate	10.648	69	50150	19.660	ug/l		98
57) 1,3-Dichloropropane	10.934	76	68568	20.524	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	130841	96.097	ug/l		98
59) 2-Hexanone	10.971	43	143252	110.408	ug/l		97
60) Dibromochloromethane	11.135	129	47396	19.631	ug/l		94
61) 1,2-Dibromoethane	11.233	107	40421	20.600	ug/l		98
64) Tetrachloroethene	10.861	164	39516	20.144	ug/l		96
65) Chlorobenzene	11.660	112	140097	20.650	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.727	131	46396	20.772	ug/l		98
67) Ethyl Benzene	11.733	91	228718	20.576	ug/l		98
68) m/p-Xylenes	11.836	106	182004	42.545	ug/l		99
69) o-Xylene	12.166	106	82211	20.317	ug/l		96
70) Styrene	12.178	104	147821	20.723	ug/l		99
71) Bromoform	12.349	173	26398	19.899	ug/l	#	100
73) Isopropylbenzene	12.464	105	209635	20.086	ug/l		98
74) N-amyl acetate	12.269	43	60822	20.072	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	52081	20.997	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	43812m	22.763	ug/l		
77) Bromobenzene	12.745	156	53341	20.041	ug/l		96
78) n-propylbenzene	12.800	91	278005	21.940	ug/l		99
79) 2-Chlorotoluene	12.891	91	162749	21.004	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	186908	21.151	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	14524	20.318	ug/l		94
82) 4-Chlorotoluene	12.983	91	173002	20.858	ug/l		98
83) tert-Butylbenzene	13.202	119	157735	21.052	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	192497	21.056	ug/l		99
85) sec-Butylbenzene	13.379	105	235022	21.009	ug/l		99
86) p-Isopropyltoluene	13.495	119	199965	21.020	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	110262	20.575	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	106729	19.869	ug/l		98
89) n-Butylbenzene	13.818	91	196287	21.642	ug/l		97
90) Hexachloroethane	14.092	117	37657	21.641	ug/l		96
91) 1,2-Dichlorobenzene	13.867	146	96628	20.366	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	8655	19.752	ug/l		94
93) 1,2,4-Trichlorobenzene	15.128	180	57948	19.116	ug/l		95
94) Hexachlorobutadiene	15.226	225	28248	18.789	ug/l		96
95) Naphthalene	15.360	128	125776	18.333	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	55062	19.531	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032206.D
Acq On : 19 Sep 2025 10:35
Operator : SY/MD
Sample : VW0919SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 23:04:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

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

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

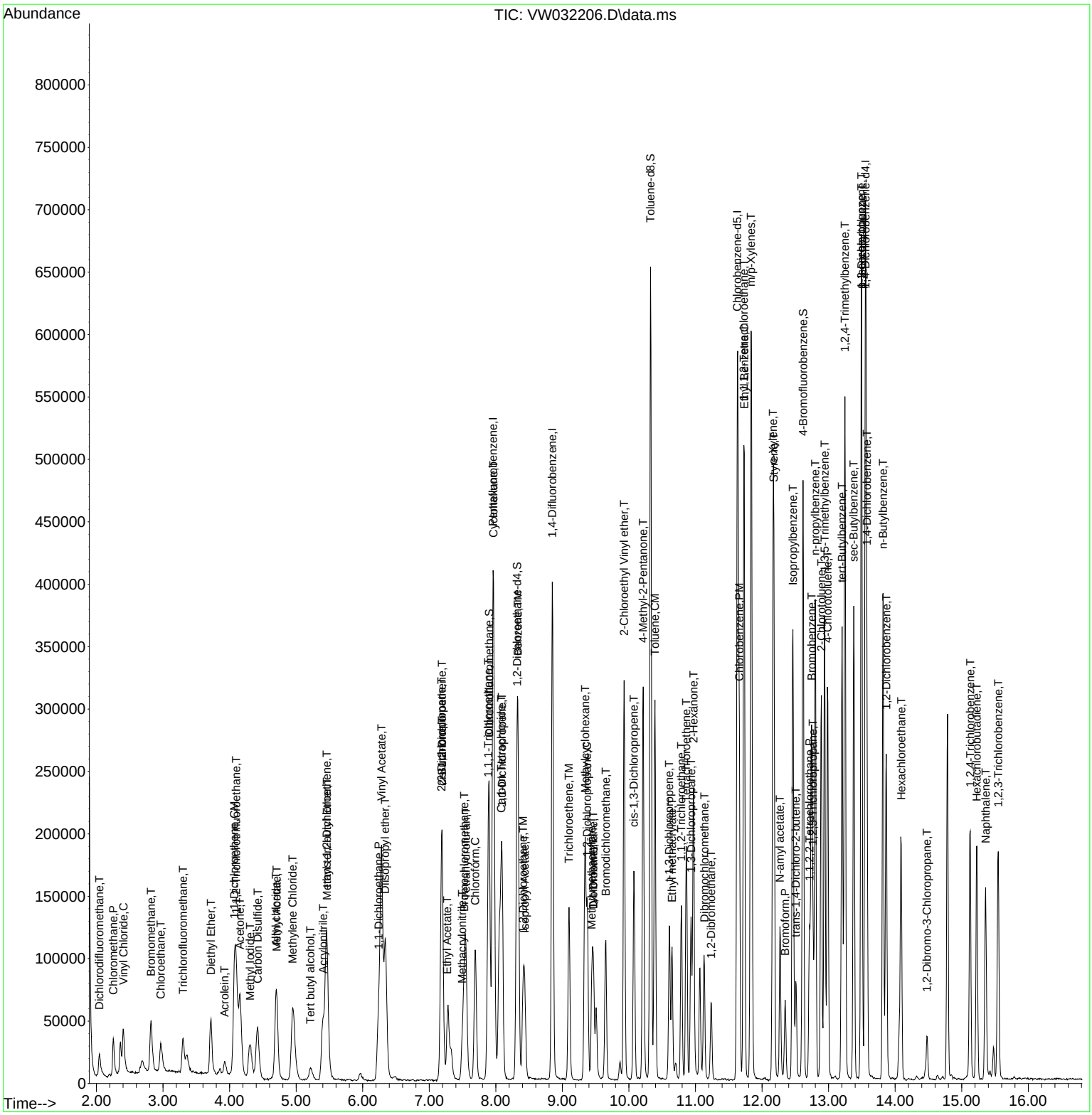
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032206.D
Acq On : 19 Sep 2025 10:35
Operator : SY/MD
Sample : VW0919SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 23:04:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025



Raw Data: **VW032207.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VW0919SBSD01	SDG No.:	Q3155
Lab Sample ID:	VW0919SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032207.D	1	09/19/25 10:57	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	22.2		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	23.5		0.93	5.00	ug/Kg
71-43-2	Benzene	22.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	22.3		0.81	5.00	ug/Kg
108-88-3	Toluene	21.9		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.1		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	67.0		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	20.8		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	180000	7.959			
540-36-3	1,4-Difluorobenzene	317000	8.855			
3114-55-4	Chlorobenzene-d5	296000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.556			

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\VW091925\
Data File : VW032207.D
Acq On : 19 Sep 2025 10:57
Operator : SY/MD
Sample : VW0919SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:05:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	180121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	317195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	296209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	152766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	137322	53.309	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 106.620%			
35) Dibromofluoromethane	7.904	113	114146	51.292	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.580%			
50) Toluene-d8	10.325	98	401948	51.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.617	95	143136	49.548	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 99.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	30408	25.570	ug/l	98
3) Chloromethane	2.253	50	33623	26.966	ug/l	98
4) Vinyl Chloride	2.405	62	44317	27.365	ug/l	95
5) Bromomethane	2.820	94	38431	26.574	ug/l	95
6) Chloroethane	2.972	64	32272	28.296	ug/l	95
7) Trichlorofluoromethane	3.301	101	40766	25.405	ug/l	89
8) Diethyl Ether	3.722	74	29366	24.524	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	44283	24.498	ug/l	99
10) Methyl Iodide	4.313	142	60136	21.849	ug/l	98
11) Tert butyl alcohol	5.234	59	17309	109.853	ug/l #	89
12) 1,1-Dichloroethene	4.082	96	48200	25.320	ug/l	97
13) Acrolein	3.936	56	13728	56.679	ug/l	97
14) Allyl chloride	4.704	41	57452	21.247	ug/l	97
15) Acrylonitrile	5.405	53	63945	109.836	ug/l	99
16) Acetone	4.161	43	81861	146.736	ug/l	100
17) Carbon Disulfide	4.423	76	104974	22.048	ug/l	98
18) Methyl Acetate	4.716	43	36795	20.700	ug/l	97
19) Methyl tert-butyl Ether	5.472	73	81279	22.610	ug/l	98
20) Methylene Chloride	4.954	84	60333	24.038	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	48451	22.783	ug/l	92
22) Diisopropyl ether	6.344	45	140267	23.834	ug/l	96
23) Vinyl Acetate	6.289	43	474432	118.570	ug/l	100
24) 1,1-Dichloroethane	6.246	63	89670	23.274	ug/l	98
25) 2-Butanone	7.197	43	97819	123.738	ug/l	100
26) 2,2-Dichloropropane	7.191	77	48342	23.693	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	57326	22.153	ug/l	99
28) Bromochloromethane	7.532	49	41084	23.294	ug/l	97
29) Tetrahydrofuran	7.557	42	55979	111.433	ug/l	99
30) Chloroform	7.697	83	103172	23.454	ug/l	97
31) Cyclohexane	7.971	56	69789	22.069	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	75545	23.526	ug/l	98
36) 1,1-Dichloropropene	8.099	75	64884	22.487	ug/l	98
37) Ethyl Acetate	7.276	43	38586	22.292	ug/l	99
38) Carbon Tetrachloride	8.087	117	67853	21.936	ug/l	96
39) Methylcyclohexane	9.343	83	73324	21.455	ug/l	94
40) Benzene	8.337	78	201486	22.590	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032207.D
Acq On : 19 Sep 2025 10:57
Operator : SY/MD
Sample : VW0919SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 19 23:05:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	22598	23.498	ug/l		92
42) 1,2-Dichloroethane	8.410	62	71815	23.226	ug/l		100
43) Isopropyl Acetate	8.435	43	73083	22.506	ug/l		98
44) Trichloroethene	9.099	130	50030	22.305	ug/l		91
45) 1,2-Dichloropropane	9.374	63	49151	22.860	ug/l		99
46) Dibromomethane	9.465	93	34305	22.748	ug/l		94
47) Bromodichloromethane	9.654	83	77259	22.544	ug/l		97
48) Methyl methacrylate	9.447	41	32257	21.555	ug/l		95
49) 1,4-Dioxane	9.459	88	7994	438.728	ug/l		91
51) 4-Methyl-2-Pentanone	10.215	43	209103	114.041	ug/l		97
52) Toluene	10.392	92	127830	21.932	ug/l		94
53) t-1,3-Dichloropropene	10.611	75	65698	21.731	ug/l		98
54) cis-1,3-Dichloropropene	10.081	75	76315	22.123	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	45021	22.958	ug/l		98
56) Ethyl methacrylate	10.648	69	55153	21.999	ug/l		97
57) 1,3-Dichloropropane	10.934	76	72670	22.131	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	142016	106.126	ug/l		99
59) 2-Hexanone	10.971	43	148907	116.771	ug/l		95
60) Dibromochloromethane	11.129	129	52874	22.282	ug/l		98
61) 1,2-Dibromoethane	11.239	107	41666	21.606	ug/l		98
64) Tetrachloroethene	10.867	164	41100	21.082	ug/l		92
65) Chlorobenzene	11.660	112	146006	21.656	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	48486	21.843	ug/l		97
67) Ethyl Benzene	11.733	91	244058	22.094	ug/l		94
68) m/p-Xylenes	11.843	106	192714	45.329	ug/l		96
69) o-Xylene	12.166	106	87253	21.697	ug/l		98
70) Styrene	12.178	104	154596	21.808	ug/l		98
71) Bromoform	12.349	173	27583	20.922	ug/l	#	97
73) Isopropylbenzene	12.464	105	216086	20.821	ug/l		99
74) N-amyl acetate	12.269	43	66367	22.026	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.714	83	55156	22.363	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	40918m	21.380	ug/l		
77) Bromobenzene	12.745	156	55913	21.127	ug/l		97
78) n-propylbenzene	12.800	91	288691	22.912	ug/l		95
79) 2-Chlorotoluene	12.891	91	169658	22.019	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	192201	21.873	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.513	75	15605	21.954	ug/l		95
82) 4-Chlorotoluene	12.983	91	182154	22.086	ug/l		100
83) tert-Butylbenzene	13.202	119	160527	21.546	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	198647	21.851	ug/l		97
85) sec-Butylbenzene	13.379	105	244263	21.959	ug/l		100
86) p-Isopropyltoluene	13.495	119	205597	21.734	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	114349	21.459	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	119723	22.414	ug/l		96
89) n-Butylbenzene	13.818	91	200964	22.283	ug/l		97
90) Hexachloroethane	14.092	117	37990	21.955	ug/l		94
91) 1,2-Dichlorobenzene	13.867	146	104920	22.238	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9568	21.959	ug/l		90
93) 1,2,4-Trichlorobenzene	15.129	180	62271	20.658	ug/l		98
94) Hexachlorobutadiene	15.232	225	29598	19.798	ug/l		97
95) Naphthalene	15.360	128	139468	20.444	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	56850	20.279	ug/l		97

Sample Results: **VW032207.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032207.D
Acq On : 19 Sep 2025 10:57
Operator : SY/MD
Sample : VW0919SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:05:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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\VW091925\
Data File : VW032207.D
Acq On : 19 Sep 2025 10:57
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Sample : VW0919SBSD01
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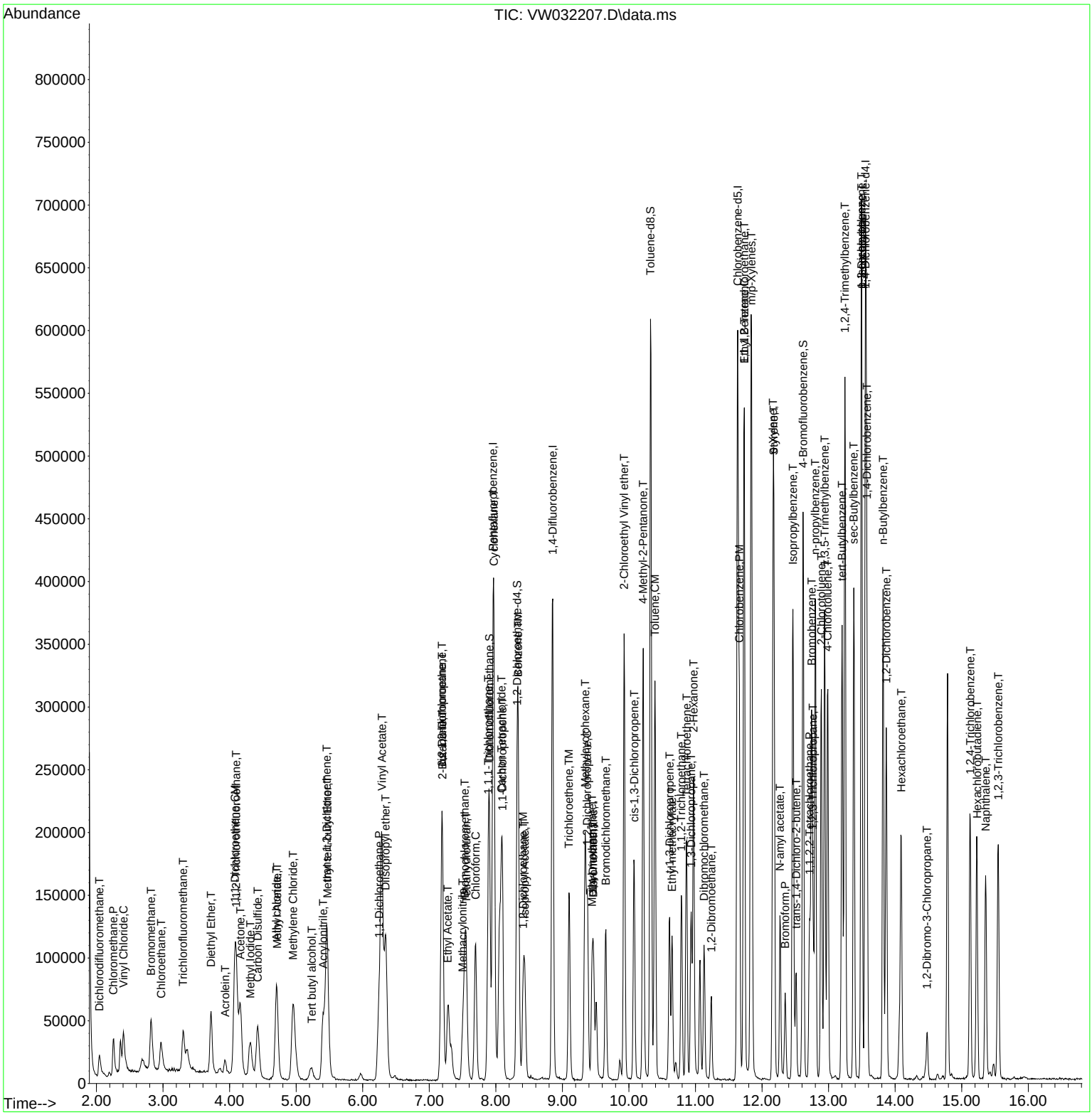
Quant Time: Sep 19 23:05:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025



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

Manual Integration Report

Sequence:	VW082625	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032137.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:27 PM	Sam	8/27/2025 3:13:45 PM	Peak Integrated by Software
VSTDICC010	VW032138.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:28 PM	Sam	8/27/2025 3:13:47 PM	Peak Integrated by Software
VSTDICC020	VW032139.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:30 PM	Sam	8/27/2025 3:15:39 PM	Peak Integrated by Software
VSTDICC100	VW032141.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:34 PM	Sam	8/27/2025 3:15:43 PM	Peak Integrated by Software
VSTDICC150	VW032142.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:36 PM	Sam	8/27/2025 3:15:44 PM	Peak Integrated by Software
VSTDICCC050	VW032144.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:38 PM	Sam	8/27/2025 3:15:46 PM	Peak Integrated by Software
VSTDICV050	VW032146.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:39 PM	Sam	8/27/2025 3:15:47 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW091925	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032204.D	1,2,3-Trichloropropane	Sam	9/22/2025 1:11:03 PM	MMDadoda	9/22/2025 1:20:48 PM	Peak Integrated by Software
VW0919SBS01	VW032206.D	1,2,3-Trichloropropane	Sam	9/22/2025 1:11:10 PM	MMDadoda	9/22/2025 1:20:53 PM	Peak Integrated by Software
VW0919SBSD01	VW032207.D	1,2,3-Trichloropropane	Sam	9/22/2025 1:11:21 PM	MMDadoda	9/22/2025 1:20:59 PM	Peak Integrated by Software
VSTDCCC050	VW032221.D	1,2,3-Trichloropropane	Sam	9/22/2025 1:11:30 PM	MMDadoda	9/22/2025 1:21:08 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 # VW082625

Review By	Semsettin Yesilyurt	Review On	8/27/2025 3:17:38 PM				
Supervise By	Mahesh Dadoda	Supervise On	8/27/2025 3:19:36 PM				
SubDirectory	VW082625	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135292
Initial Calibration Stds	VP135293,VP135294,VP135295,VP135296,VP135297,VP135298
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032136.D	26 Aug 2025 08:38	SY/MD	Ok
2	VSTDICC005	VW032137.D	26 Aug 2025 09:39	SY/MD	Ok,M
3	VSTDICC010	VW032138.D	26 Aug 2025 10:23	SY/MD	Ok,M
4	VSTDICC020	VW032139.D	26 Aug 2025 10:45	SY/MD	Ok,M
5	VSTDICCC050	VW032140.D	26 Aug 2025 11:07	SY/MD	Not Ok
6	VSTDICC100	VW032141.D	26 Aug 2025 11:29	SY/MD	Ok,M
7	VSTDICC150	VW032142.D	26 Aug 2025 11:51	SY/MD	Ok,M
8	VIBLK	VW032143.D	26 Aug 2025 12:12	SY/MD	Ok
9	VSTDICCC050	VW032144.D	26 Aug 2025 12:34	SY/MD	Ok,M
10	VIBLK	VW032145.D	26 Aug 2025 13:02	SY/MD	Ok
11	VSTDICV050	VW032146.D	26 Aug 2025 13:55	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 # VW091925

Review By	Semsettin Yesilyurt	Review On	9/22/2025 1:11:49 PM				
Supervise By	Mahesh Dadoda	Supervise On	9/22/2025 1:21:22 PM				
SubDirectory	VW091925	HP Acquire Method	MSVOA_W		HP Processing Method	82w082625s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135549
Initial Calibration Stds	
CCC	VP135550,VP135551
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032203.D	19 Sep 2025 08:22	SY/MD	Ok
2	VSTDCCC050	VW032204.D	19 Sep 2025 09:38	SY/MD	Ok,M
3	VW0919SBL01	VW032205.D	19 Sep 2025 10:08	SY/MD	Ok
4	VW0919SBS01	VW032206.D	19 Sep 2025 10:35	SY/MD	Ok,M
5	VW0919SBSD01	VW032207.D	19 Sep 2025 10:57	SY/MD	Ok,M
6	Q3137-01	VW032208.D	19 Sep 2025 11:40	SY/MD	Ok
7	Q3138-03	VW032209.D	19 Sep 2025 12:02	SY/MD	Ok
8	Q3140-01	VW032210.D	19 Sep 2025 12:24	SY/MD	Ok
9	Q3145-01	VW032211.D	19 Sep 2025 13:36	SY/MD	Ok
10	Q3145-03	VW032212.D	19 Sep 2025 13:59	SY/MD	Ok
11	Q3155-01	VW032213.D	19 Sep 2025 14:21	SY/MD	Ok
12	Q3155-02	VW032214.D	19 Sep 2025 14:43	SY/MD	Ok
13	Q3155-03	VW032215.D	19 Sep 2025 15:05	SY/MD	Ok
14	Q3153-02	VW032216.D	19 Sep 2025 15:27	SY/MD	Ok
15	Q3153-06	VW032217.D	19 Sep 2025 15:49	SY/MD	Ok
16	Q3150-02	VW032218.D	19 Sep 2025 16:11	SY/MD	ReRun
17	Q3152-01	VW032219.D	19 Sep 2025 16:33	SY/MD	Ok
18	VIBLK	VW032220.D	19 Sep 2025 16:55	SY/MD	Ok
19	VSTDCCC050	VW032221.D	19 Sep 2025 17:17	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 # VW082625

Review By	Semsettin Yesilyurt	Review On	8/27/2025 3:17:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	8/27/2025 3:19:36 PM		
SubDirectory	VW082625	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135292
Initial Calibration Stds	VP135293,VP135294,VP135295,VP135296,VP135297,VP135298
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032136.D	26 Aug 2025 08:38		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032137.D	26 Aug 2025 09:39		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032138.D	26 Aug 2025 10:23	QR-20	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032139.D	26 Aug 2025 10:45		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032140.D	26 Aug 2025 11:07	Not used	SY/MD	Not Ok
6	VSTDICC100	VSTDICC100	VW032141.D	26 Aug 2025 11:29		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032142.D	26 Aug 2025 11:51		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032143.D	26 Aug 2025 12:12		SY/MD	Ok
9	VSTDICCC050	VSTDICCC050	VW032144.D	26 Aug 2025 12:34		SY/MD	Ok,M
10	VIBLK	VIBLK	VW032145.D	26 Aug 2025 13:02		SY/MD	Ok
11	VSTDICV050	ICVVW082625	VW032146.D	26 Aug 2025 13:55		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 # VW091925

Review By	Semsettin Yesilyurt	Review On	9/22/2025 1:11:49 PM		
Supervise By	Mahesh Dadoda	Supervise On	9/22/2025 1:21:22 PM		
SubDirectory	VW091925	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135549
Initial Calibration Stds	
CCC	VP135550,VP135551
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032203.D	19 Sep 2025 08:22		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032204.D	19 Sep 2025 09:38		SY/MD	Ok,M
3	VW0919SBL01	VW0919SBL01	VW032205.D	19 Sep 2025 10:08		SY/MD	Ok
4	VW0919SBS01	VW0919SBS01	VW032206.D	19 Sep 2025 10:35		SY/MD	Ok,M
5	VW0919SBSD01	VW0919SBSD01	VW032207.D	19 Sep 2025 10:57		SY/MD	Ok,M
6	Q3137-01	OR-02-09182025	VW032208.D	19 Sep 2025 11:40	vial-A	SY/MD	Ok
7	Q3138-03	MOO-25-0239	VW032209.D	19 Sep 2025 12:02	vial-A	SY/MD	Ok
8	Q3140-01	TR-04-091825	VW032210.D	19 Sep 2025 12:24	vial-A	SY/MD	Ok
9	Q3145-01	SP-A	VW032211.D	19 Sep 2025 13:36	vial-A	SY/MD	Ok
10	Q3145-03	SP-B	VW032212.D	19 Sep 2025 13:59	vial-A	SY/MD	Ok
11	Q3155-01	COMP-1	VW032213.D	19 Sep 2025 14:21	vial-A	SY/MD	Ok
12	Q3155-02	COMP-2	VW032214.D	19 Sep 2025 14:43	vial-A	SY/MD	Ok
13	Q3155-03	COMP-3	VW032215.D	19 Sep 2025 15:05	vial-A	SY/MD	Ok
14	Q3153-02	OR-500-VOC-115	VW032216.D	19 Sep 2025 15:27	vial-A	SY/MD	Ok
15	Q3153-06	OR-500-VOC-116	VW032217.D	19 Sep 2025 15:49	vial-A	SY/MD	Ok
16	Q3150-02	MER Rd Con Ed	VW032218.D	19 Sep 2025 16:11	vial-A Internal Standard Fail;	SY/MD	ReRun
17	Q3152-01	EO-02-091925	VW032219.D	19 Sep 2025 16:33	vial-A	SY/MD	Ok
18	VIBLK	VIBLK	VW032220.D	19 Sep 2025 16:55		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 # VW091925

Review By	Semsettin Yesilyurt	Review On	9/22/2025 1:11:49 PM		
Supervise By	Mahesh Dadoda	Supervise On	9/22/2025 1:21:22 PM		
SubDirectory	VW091925	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135549
Initial Calibration Stds	
CCC	VP135550,VP135551
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VW032221.D	19 Sep 2025 17:17		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137247

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
Q3143-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3143-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3143-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3143-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3143-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3143-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3145-01	SP-A	7	1.14	10.75	11.89	10.28	85.0	
Q3145-02	SP-A-EPH-2	8	1.19	10.41	11.6	10.1	85.6	
Q3145-03	SP-B	9	1.19	10.10	11.29	9.75	84.8	
Q3145-04	SP-B-EPH-2	10	1.13	10.64	11.77	10.28	86.0	
Q3146-01	MECHANIC-ST-PAINT-CHIPS	11	1.00	1.00	2.00	2.00	100.0	PAINT CHIPS SAMPLE
Q3147-01	S-1	12	1.18	10.22	11.4	10.7	93.2	
Q3147-02	S-2	13	1.16	10.55	11.71	10.8	91.4	
Q3147-03	S-3	14	1.19	10.42	11.61	10.84	92.6	
Q3147-04	S-4	15	1.16	10.21	11.37	10.34	89.9	
Q3147-05	S-5	16	1.19	10.13	11.32	10.6	92.9	
Q3147-06	S-6	17	1.19	10.36	11.55	10.74	92.2	
Q3147-07	S-7	18	1.19	10.72	11.91	11.00	91.5	
Q3147-08	S-8	19	1.16	10.55	11.71	10.7	90.4	
Q3147-09	S-9	20	1.19	10.28	11.47	10.55	91.1	
Q3147-10	S-10	21	1.19	10.77	11.96	11.32	94.1	
Q3147-11	S-11	22	1.17	10.58	11.75	10.97	92.6	
Q3147-12	S-12	23	1.13	10.67	11.8	10.88	91.4	
Q3147-13	S-13	24	1.19	10.70	11.89	11.15	93.1	
Q3147-14	S-14	25	1.19	10.39	11.58	10.85	93.0	
Q3147-15	S-15	26	1.11	10.77	11.88	10.96	91.5	
Q3147-16	S-16	27	1.19	10.32	11.51	10.47	89.9	
Q3147-17	S-17	28	1.15	10.58	11.73	10.8	91.2	

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137247

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
Q3147-18	S-18	29	1.18	10.70	11.88	10.95	91.3	
Q3147-19	S-19	30	1.14	10.92	12.06	11.17	91.8	
Q3147-20	S-20	31	1.15	11.56	12.71	11.72	91.4	
Q3147-21	S-21	32	1.18	10.61	11.79	10.96	92.2	
Q3147-22	S-22	33	1.19	11.06	12.25	11.15	90.1	
Q3147-23	S-23	34	1.15	10.40	11.55	10.6	90.9	
Q3147-24	S-24	35	1.19	10.75	11.94	11.14	92.6	
Q3147-25	S-25	36	1.18	10.24	11.42	10.72	93.2	
Q3147-26	S-26	37	1.15	10.35	11.5	11.04	95.6	
Q3147-27	S-27	38	1.15	10.26	11.41	10.27	88.9	
Q3147-28	S-28	39	1.16	11.34	12.5	11.72	93.1	
Q3147-29	S-29	40	1.19	11.23	12.42	11.42	91.1	
Q3147-30	S-30	41	1.13	10.34	11.47	10.94	94.9	
Q3147-31	S-31	42	1.15	11.25	12.4	11.9	95.6	
Q3147-32	S-32	43	1.15	10.91	12.06	11.51	95.0	
Q3150-01	MER Rd Con Ed	44	1.15	10.51	11.66	10.67	90.6	
Q3150-02	MER Rd Con Ed	45	1.15	10.51	11.66	10.67	90.6	
Q3150-03	Mid Site Grid 5-7	46	1.16	10.02	11.18	8.85	76.7	
Q3150-04	Mid Site Grid 5-7	47	1.16	10.02	11.18	8.85	76.7	
Q3151-01	MH-OIL	48	1.00	1.00	2.00	2.00	100.0	oil sample
Q3152-01	EO-02-091925	49	1.14	10.86	12.00	11.16	92.3	
Q3152-02	EO-02-091925-E2	50	1.14	10.38	11.52	10.64	91.5	
Q3153-01	OR-500-COMP-39	51	1.18	10.64	11.82	11.07	93.0	
Q3153-02	OR-500-VOC-115	52	1.17	10.52	11.69	11.13	94.7	
Q3153-03	OR-500-115	53	1.19	10.49	11.68	10.88	92.4	
Q3153-05	OR-500-COMP-40	54	1.19	10.15	11.34	10.00	86.8	
Q3153-06	OR-500-VOC-116	55	1.14	10.30	11.44	10.41	90.0	
Q3153-07	OR-500-116	56	1.13	10.37	11.5	10.15	87.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137247

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
Q3155-01	COMP-1	57	1.11	10.26	11.37	10.12	87.8	
Q3155-02	COMP-2	58	1.14	10.30	11.44	10.52	91.1	
Q3155-03	COMP-3	59	1.18	10.23	11.41	10.57	91.8	
Q3157-01	20-DEAD-1	60	1.19	10.91	12.1	11.11	90.9	

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

WORKLIST(Hardcopy Internal Chain)

ID 137247

WorkList Name : %1-091925 **WorkList ID :** 191953 **Department :** Wet-Chemistry **Date :** 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3143-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3145-01	SP-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-02	SP-A-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-03	SP-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-04	SP-B-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3146-01	MECHANIC-ST-PAINT-CHIPS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	09/19/2025	Chemtech -SO
Q3147-01	S-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-02	S-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-03	S-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-04	S-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-05	S-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-06	S-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-07	S-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-08	S-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-09	S-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-10	S-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JD WC

Raw Sample Relinquished by: [signature]

Date/Time 09-19-25 17:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 137247

WorkList Name : %1-091925 **WorkList ID :** 191953 **Department :** Wet-Chemistry **Date :** 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-11	S-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-12	S-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-13	S-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-14	S-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-15	S-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-16	S-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-17	S-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-18	S-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-19	S-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-20	S-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-21	S-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-22	S-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-23	S-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-24	S-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-25	S-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-26	S-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-27	S-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-28	S-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-29	S-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-30	S-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-31	S-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09.19.25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature] SM

Date/Time 09.19.25 17:20

Raw Sample Received by: [signature] SM

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

JB 137247

WorkList Name : %1-091925 **WorkList ID :** 191953 **Department :** Wet-Chemistry **Date :** 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-32	S-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3150-01	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-02	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-03	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-04	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3151-01	MH-OIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3152-01	EO-02-091925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3152-02	EO-02-091925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3153-01	OR-500-COMP-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-02	OR-500-VOC-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-03	OR-500-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-05	OR-500-COMP-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-06	OR-500-VOC-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-07	OR-500-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3155-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3157-01	20-DEAD-1	Solid	Percent Solids	Cool 4 deg C	ALWA01	D31	09/19/2025	Chemtech -SO

Date/Time 09-19-25 15:00
Raw Sample Received by: JB WJC
Raw Sample Relinquished by: SM

Date/Time 09-19-25 17:20
Raw Sample Received by: SM
Raw Sample Relinquished by: JB WJC

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. Q3155
COC Number 2045122

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Tanner Duckrey School
PROJECT NO.: 20002098.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

PADEP List of Clean Fill Parameters

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E									← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	COMP-1	Soil	✓		9/18/25	9:55	6	✓									
2.	COMP-2	↓	↓		↓	10:40	↓	↓									
3.	COMP-3	↓	↓		↓	11:30	↓	↓									
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.	9/18/25	1.
2. FedEx	9-19-25 1115	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.6C °C
Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☑ Other FedEx

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

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

LOGIN REPORT/SAMPLE TRANSFER

YG 09/29/2025

Order ID : Q3155 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 9/19/2025 1:05:00 PM
Project Name : Tanner G. Duckrey Public S
Receive DateTime : 9/19/2025 ~~12:00:00 AM~~ 11:15AM
Purchase Order :

Project Mgr : Yazmeen
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff : 9/19/2025 1:30:45 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3155-01	COMP-1	Solid	~~09/19/2025~~ 09/18/2025	09:55	VOCMS Group1		8260D		5 Bus. Days
Q3155-02	COMP-2	Solid	~~09/19/2025~~ 09/18/2025	10:40	VOCMS Group1		8260D		5 Bus. Days
Q3155-03	COMP-3	Solid	~~09/19/2025~~ 09/18/2025	11:30	VOCMS Group1		8260D		5 Bus. Days
Q3155-04	TB	Water	~~09/19/2025~~ 09/18/2025	00:00	VOC-TCLVOA-10		8260D		5 Bus. Days

Relinguished By :
Date / Time : 9/19/25 1336

Received By : 1320
Date / Time : 09/19/25
Storage Area : VOA Refridgerator Room

Rgt # 6
R22
Rgt 4