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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3266	**OrderDate:**	10/1/2025 3:15:00 PM
Client:	CDM Smith	**Project:**	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	**ENV-3-6FT**	**SOIL**			**10/01/25**			**10/01/25**
			VOC-TCLVOA-10	8260D			10/02/25	
Q3266-02	**ENV-4-6FT**	**SOIL**			**10/01/25**			**10/01/25**
			VOC-TCLVOA-10	8260D			10/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3266

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**ENV-3-6FT**							
Q3266-01	ENV-3-6FT	SOIL	Acetone	39.5		2.00	10.6	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	2-Butanone	8.20	J	2.80	10.6	ug/Kg
			Total Voc :	47.7				
			Total Concentration:	47.7				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3266

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3266-01	ENV-3-6FT	1,2-Dichloroethane-d4	50	74.0	148		63	155
		Dibromofluoromethane	50	56.5	113		70	134
		Toluene-d8	50	54.7	109		74	123
		4-Bromofluorobenzene	50	54.1	108		17	146
Q3266-02	ENV-4-6FT	1,2-Dichloroethane-d4	50	70.0	140		63	155
		Dibromofluoromethane	50	56.5	113		70	134
		Toluene-d8	50	56.6	113		74	123
		4-Bromofluorobenzene	50	56.3	113		17	146
VW1002SBL01	VW1002SBL01	1,2-Dichloroethane-d4	50	59.9	120		63	155
		Dibromofluoromethane	50	52.7	105		70	134
		Toluene-d8	50	53.3	107		74	123
		4-Bromofluorobenzene	50	50.8	102		17	146
VW1002SBS01	VW1002SBS01	1,2-Dichloroethane-d4	50	52.2	104		63	155
		Dibromofluoromethane	50	50.1	100		70	134
		Toluene-d8	50	51.8	104		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146
VW1002SBSD0	VW1002SBSD01	1,2-Dichloroethane-d4	50	49.3	99		63	155
		Dibromofluoromethane	50	49.7	99		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.3	99		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8260D

Client: CDM Smith **Datafile :** VW032324.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1002SBS01	Dichlorodifluoromethane	20	20.3	ug/Kg	102			64	136	
	Chloromethane	20	21.4	ug/Kg	107			52	151	
	Vinyl chloride	20	22.7	ug/Kg	114			56	148	
	Bromomethane	20	22.2	ug/Kg	111			58	141	
	Chloroethane	20	20.8	ug/Kg	104			69	130	
	Trichlorofluoromethane	20	21.0	ug/Kg	105			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.1	ug/Kg	111			81	123	
	1,1-Dichloroethene	20	22.3	ug/Kg	112			79	121	
	Acetone	100	120	ug/Kg	120			40	171	
	Carbon disulfide	20	22.3	ug/Kg	112			59	130	
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109			77	129	
	Methyl Acetate	20	19.2	ug/Kg	96			69	149	
	Methylene Chloride	20	26.8	ug/Kg	134		*	72	131	
	trans-1,2-Dichloroethene	20	21.7	ug/Kg	109			80	123	
	1,1-Dichloroethane	20	21.3	ug/Kg	106			82	123	
	Cyclohexane	20	21.2	ug/Kg	106			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	21.2	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	21.1	ug/Kg	106			82	123	
	Bromochloromethane	20	21.5	ug/Kg	108			80	127	
	Chloroform	20	21.7	ug/Kg	109			82	125	
	1,1,1-Trichloroethane	20	22.5	ug/Kg	113			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	21.1	ug/Kg	106			81	126	
	Trichloroethene	20	20.8	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.7	ug/Kg	104			83	122	
	Bromodichloromethane	20	20.8	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.3	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	20.4	ug/Kg	102			79	125	
	1,2-Dibromoethane	20	21.1	ug/Kg	106			80	125	
	Tetrachloroethene	20	20.3	ug/Kg	102			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.2	ug/Kg	103			83	124	
	o-Xylene	20	20.8	ug/Kg	104			83	123	
	Styrene	20	20.7	ug/Kg	104			82	124	
	Bromoform	20	21.0	ug/Kg	105			75	127	
	Isopropylbenzene	20	20.0	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	19.8	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.7	ug/Kg	99			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8260D

Client: CDM Smith **Datafile :** VW032324.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1002SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	20.0	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3266**	**Analytical Method:**	**SW8260D**
Client:	**CDM Smith**	**Datafile :**	VW032325.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1002SBSD01	Dichlorodifluoromethane	20	19.2	ug/Kg	96	6		64	136	20
	Chloromethane	20	19.3	ug/Kg	97	10		52	151	20
	Vinyl chloride	20	20.6	ug/Kg	103	10		56	148	20
	Bromomethane	20	20.8	ug/Kg	104	7		58	141	20
	Chloroethane	20	20.3	ug/Kg	102	2		69	130	20
	Trichlorofluoromethane	20	22.1	ug/Kg	111	6		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/Kg	102	8		81	123	20
	1,1-Dichloroethene	20	20.6	ug/Kg	103	8		79	121	20
	Acetone	100	110	ug/Kg	110	9		40	171	20
	Carbon disulfide	20	21.0	ug/Kg	105	6		59	130	20
	Methyl tert-butyl Ether	20	21.0	ug/Kg	105	4		77	129	20
	Methyl Acetate	20	17.8	ug/Kg	89	8		69	149	20
	Methylene Chloride	20	24.5	ug/Kg	123	9		72	131	20
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101	8		80	123	20
	1,1-Dichloroethane	20	20.1	ug/Kg	101	5		82	123	20
	Cyclohexane	20	19.9	ug/Kg	100	6		76	122	20
	2-Butanone	100	100	ug/Kg	100	10		69	131	20
	Carbon Tetrachloride	20	20.9	ug/Kg	104	2		76	129	20
	cis-1,2-Dichloroethene	20	20.0	ug/Kg	100	6		82	123	20
	Bromochloromethane	20	20.3	ug/Kg	102	6		80	127	20
	Chloroform	20	20.3	ug/Kg	102	7		82	125	20
	1,1,1-Trichloroethane	20	21.3	ug/Kg	106	6		80	126	20
	Methylcyclohexane	20	20.2	ug/Kg	101	3		77	123	20
	Benzene	20	20.3	ug/Kg	102	2		84	121	20
	1,2-Dichloroethane	20	20.4	ug/Kg	102	4		81	126	20
	Trichloroethene	20	19.9	ug/Kg	100	4		83	122	20
	1,2-Dichloropropane	20	20.6	ug/Kg	103	1		83	122	20
	Bromodichloromethane	20	20.4	ug/Kg	102	2		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	0		70	135	20
	Toluene	20	20.3	ug/Kg	102	4		83	122	20
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102	0		78	124	20
	cis-1,3-Dichloropropene	20	20.5	ug/Kg	103	1		81	122	20
	1,1,2-Trichloroethane	20	21.3	ug/Kg	106	2		82	125	20
	2-Hexanone	100	100	ug/Kg	100	10		66	138	20
	Dibromochloromethane	20	20.1	ug/Kg	101	1		79	125	20
	1,2-Dibromoethane	20	20.2	ug/Kg	101	5		80	125	20
	Tetrachloroethene	20	20.2	ug/Kg	101	1		83	125	20
	Chlorobenzene	20	21.1	ug/Kg	106	2		84	122	20
	Ethyl Benzene	20	21.3	ug/Kg	106	2		82	124	20
	m/p-Xylenes	40	43.2	ug/Kg	108	5		83	124	20
	o-Xylene	20	21.2	ug/Kg	106	2		83	123	20
	Styrene	20	22.0	ug/Kg	110	6		82	124	20
	Bromoform	20	20.9	ug/Kg	104	1		75	127	20
	Isopropylbenzene	20	20.6	ug/Kg	103	3		82	124	20
	1,1,2,2-Tetrachloroethane	20	20.4	ug/Kg	102	0		77	127	20
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100	3		83	122	20
	1,4-Dichlorobenzene	20	20.7	ug/Kg	104	5		84	121	20
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103	4		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8260D

Client: CDM Smith **Datafile :** VW032325.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1002SBSD01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/Kg	95	3		66	134	20
	1,2,4-Trichlorobenzene	20	20.5	ug/Kg	103	3		78	127	20
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100	0		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW1002SBL01

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Lab File ID: VW032323.D Lab Sample ID: VW1002SBL01

Date Analyzed: 10/02/2025 Time Analyzed: 11:20

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
VW1002SBS01	VW1002SBS01	VW032324.D	10/02/2025
VW1002SBSD01	VW1002SBSD01	VW032325.D	10/02/2025
ENV-3-6FT	Q3266-01	VW032329.D	10/02/2025
ENV-4-6FT	Q3266-02	VW032330.D	10/02/2025

COMMENTS:

Raw Data: **VW032312.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG NO.: Q3266
Lab File ID: VW032312.D
BFB Injection Date: 10/01/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:12
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.2
175	5.0 - 9.0% of mass 174	5.3 (8) 1
176	95.0 - 101.0% of mass 174	63.3 (95.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032313.D	10/01/2025	13:12
VSTDICC010	VSTDICC010	VW032314.D	10/01/2025	13:34
VSTDICC020	VSTDICC020	VW032315.D	10/01/2025	14:15
VSTDICCC050	VSTDICCC050	VW032316.D	10/01/2025	14:37
VSTDICC100	VSTDICC100	VW032317.D	10/01/2025	14:59
VSTDICC150	VSTDICC150	VW032318.D	10/01/2025	15:20

Raw Data: **VW032321.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG NO.: Q3266
Lab File ID: VW032321.D
BFB Injection Date: 10/02/2025
Instrument ID: MSVOA_W
BFB Injection Time: 09:19
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	5.1 (7.7) 1
176	95.0 - 101.0% of mass 174	63.5 (95.3) 1
177	5.0 - 9.0% of mass 176	4.6 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032322.D	10/02/2025	10:53
VW1002SBL01	VW1002SBL01	VW032323.D	10/02/2025	11:20
VW1002SBS01	VW1002SBS01	VW032324.D	10/02/2025	11:48
VW1002SBSD01	VW1002SBSD01	VW032325.D	10/02/2025	12:10
ENV-3-6FT	Q3266-01	VW032329.D	10/02/2025	13:57
ENV-4-6FT	Q3266-02	VW032330.D	10/02/2025	14:19

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Lab File ID: VW032322.D Date Analyzed: 10/02/2025

Instrument ID: MSVOA_W Time Analyzed: 10:53

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	303983	7.96	550095	8.85	496155	11.63
UPPER LIMIT	607966	8.459	1100190	9.349	992310	12.129
LOWER LIMIT	151992	7.459	275048	8.349	248078	11.129
EPA SAMPLE NO.						
ENV-3-6FT	180169	7.97	409718	8.86	401656	11.63
ENV-4-6FT	184689	7.97	407370	8.86	435664	11.63
VW1002SBL01	200843	7.97	433970	8.85	450698	11.63
VW1002SBS01	277189	7.97	526280	8.85	484324	11.63
VW1002SBSD01	291487	7.97	534672	8.86	467867	11.63

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Lab File ID: VW032322.D Date Analyzed: 10/02/2025

Instrument ID: MSVOA_W Time Analyzed: 10:53

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

	IS4 AREA #	RT #				
12 HOUR STD	241629	13.556				
UPPER LIMIT	483258	14.056				
LOWER LIMIT	120815	13.056				
EPA SAMPLE NO.						
ENV-3-6FT	185918	13.56				
ENV-4-6FT	195548	13.56				
VW1002SBL01	204423	13.56				
VW1002SBS01	242228	13.56				
VW1002SBSD01	239286	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: **VW032329.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.3
Sample Wt/Vol:	14.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032329.D	1	10/02/25 13:57	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.48	U	0.48	2.10	ug/Kg
74-87-3	Chloromethane	0.48	U	0.48	2.10	ug/Kg
75-01-4	Vinyl Chloride	0.33	U	0.33	2.10	ug/Kg
74-83-9	Bromomethane	0.45	U	0.45	2.10	ug/Kg
75-00-3	Chloroethane	0.53	U	0.53	2.10	ug/Kg
75-69-4	Trichlorofluoromethane	0.51	U	0.51	2.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	0.45	2.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.42	U	0.42	2.10	ug/Kg
67-64-1	Acetone	39.5		2.00	10.6	ug/Kg
75-15-0	Carbon Disulfide	0.45	U	0.45	2.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.31	U	0.31	2.10	ug/Kg
79-20-9	Methyl Acetate	0.65	U	0.65	2.10	ug/Kg
75-09-2	Methylene Chloride	1.50	UQ	1.50	4.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.36	U	0.36	2.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.34	U	0.34	2.10	ug/Kg
110-82-7	Cyclohexane	0.33	U	0.33	2.10	ug/Kg
78-93-3	2-Butanone	8.20	J	2.80	10.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.41	U	0.41	2.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.32	U	0.32	2.10	ug/Kg
74-97-5	Bromochloromethane	0.49	U	0.49	2.10	ug/Kg
67-66-3	Chloroform	0.35	U	0.35	2.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.39	U	0.39	2.10	ug/Kg
108-87-2	Methylcyclohexane	0.38	U	0.38	2.10	ug/Kg
71-43-2	Benzene	0.33	U	0.33	2.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.33	U	0.33	2.10	ug/Kg
79-01-6	Trichloroethene	0.34	U	0.34	2.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.38	U	0.38	2.10	ug/Kg
75-27-4	Bromodichloromethane	0.33	U	0.33	2.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1.50	U	1.50	10.6	ug/Kg
108-88-3	Toluene	0.33	U	0.33	2.10	ug/Kg

Raw Data: **VW032329.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.3
Sample Wt/Vol:	14.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032329.D	1	10/02/25 13:57	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.27	U	0.27	2.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.26	U	0.26	2.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.39	U	0.39	2.10	ug/Kg
591-78-6	2-Hexanone	1.60	U	1.60	10.6	ug/Kg
124-48-1	Dibromochloromethane	0.37	U	0.37	2.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.37	U	0.37	2.10	ug/Kg
127-18-4	Tetrachloroethene	0.44	U	0.44	2.10	ug/Kg
108-90-7	Chlorobenzene	0.38	U	0.38	2.10	ug/Kg
100-41-4	Ethyl Benzene	0.28	U	0.28	2.10	ug/Kg
179601-23-1	m/p-Xylenes	0.52	U	0.52	4.20	ug/Kg
95-47-6	o-Xylene	0.35	U	0.35	2.10	ug/Kg
100-42-5	Styrene	0.30	U	0.30	2.10	ug/Kg
75-25-2	Bromoform	0.36	U	0.36	2.10	ug/Kg
98-82-8	Isopropylbenzene	0.33	U	0.33	2.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	0.51	2.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.72	2.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.66	U	0.66	2.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.61	U	0.61	2.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.78	U	0.78	2.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.30	U	1.30	2.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.30	U	1.30	2.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	74.0		63 - 155	148%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		70 - 134	113%	SPK: 50
2037-26-5	Toluene-d8	54.7		74 - 123	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		17 - 146	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	180000	7.965			
540-36-3	1,4-Difluorobenzene	410000	8.855			
3114-55-4	Chlorobenzene-d5	402000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	186000	13.556			

Raw Data: **VW032329.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.3
Sample Wt/Vol:	14.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032329.D	1	10/02/25 13:57	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032329.D
Acq On : 02 Oct 2025 13:57
Operator : SY/MD
Sample : Q3266-01
Misc : 14.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Quant Time: Oct 02 21:37:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	180169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	409718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	401656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	194570	74.041	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 148.080%			
35) Dibromofluoromethane	7.904	113	149792	56.453	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 112.900%			
50) Toluene-d8	10.324	98	535418	54.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 109.340%			
62) 4-Bromofluorobenzene	12.617	95	200173	54.080	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.160%			
Target Compounds						Qvalue
16) Acetone	4.161	43	68048	93.519	ug/l	96
20) Methylene Chloride	4.966	84	19304	2.987	ug/l	94
25) 2-Butanone	7.197	43	19208	19.382	ug/l	93

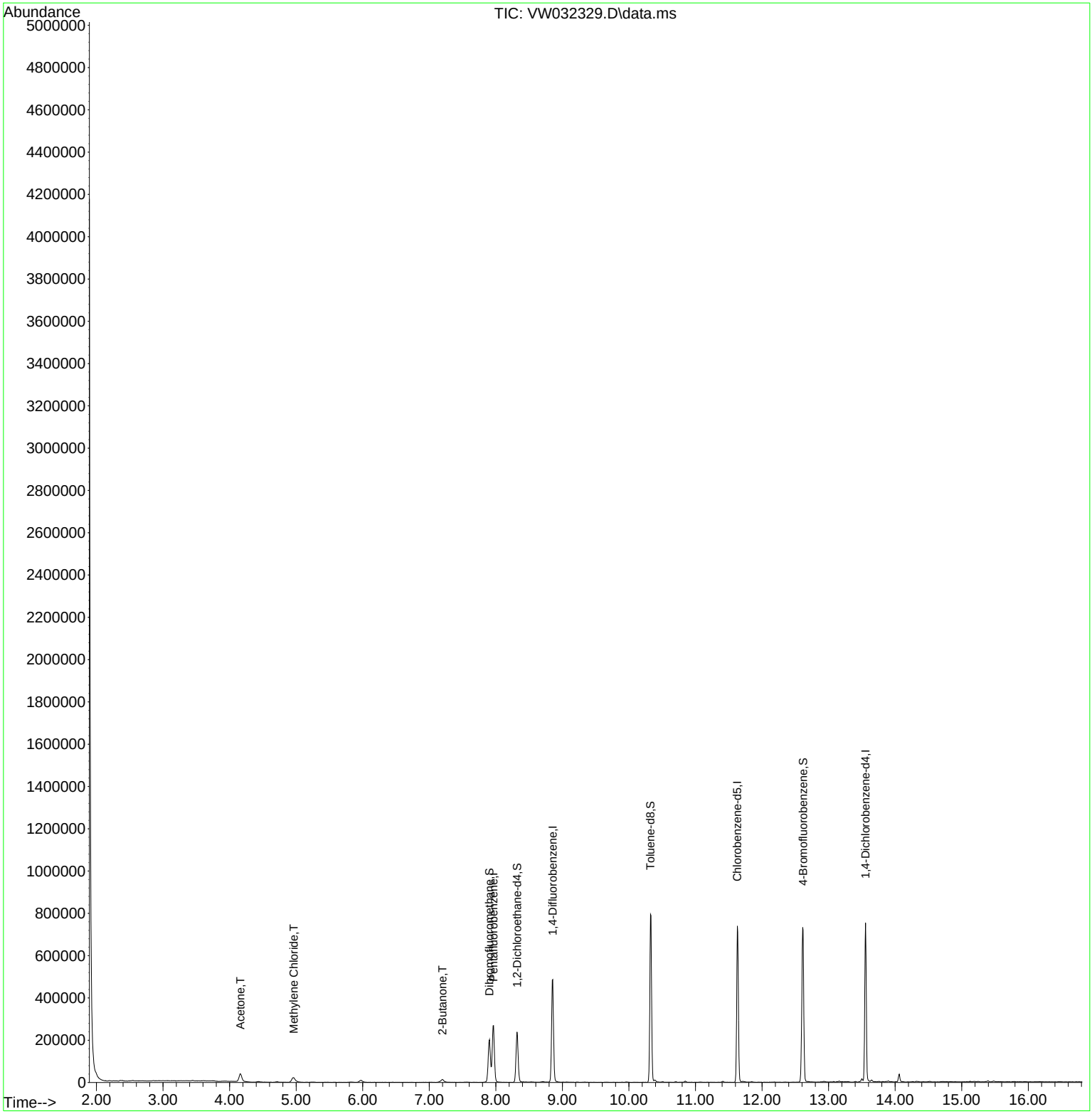
(#) = qualifier out of range (m) = manual integration (+) = signals summed

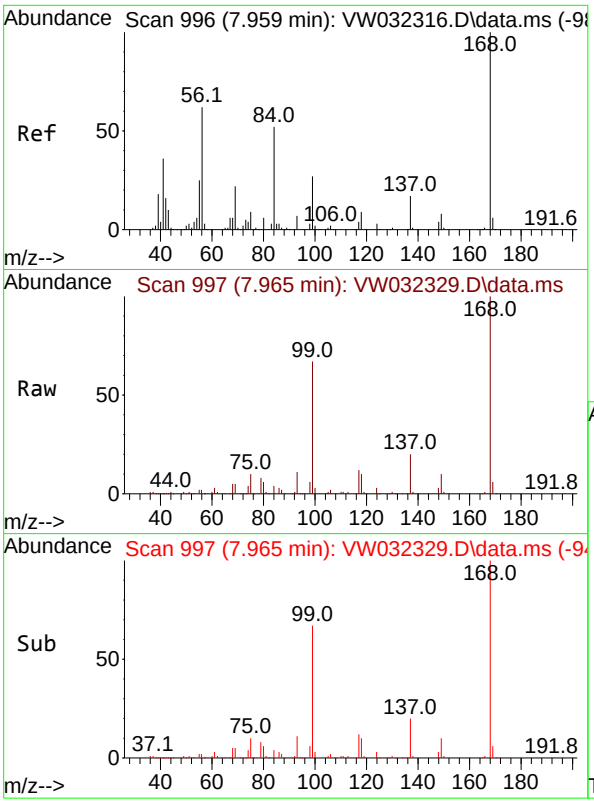
Sample Results: **VW032329.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032329.D
Acq On : 02 Oct 2025 13:57
Operator : SY/MD
Sample : Q3266-01
Misc : 14.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Quant Time: Oct 02 21:37:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration



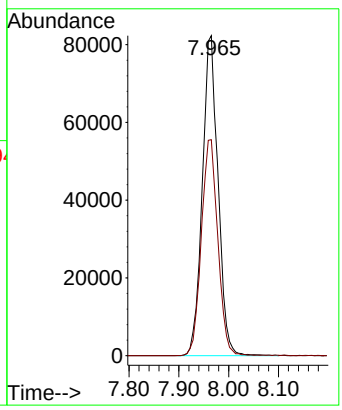


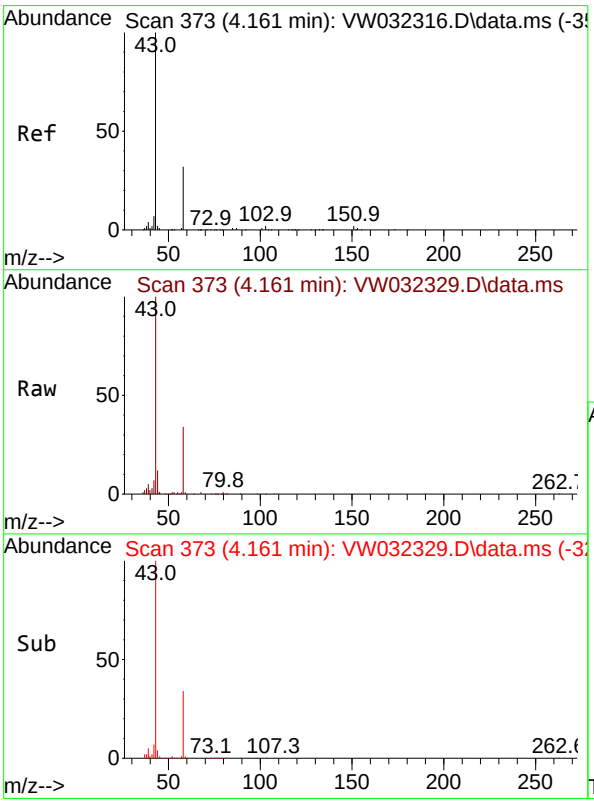
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Tgt Ion:168 Resp: 180169

Ion	Ratio	Lower	Upper
168	100		
99	67.4	49.3	73.9

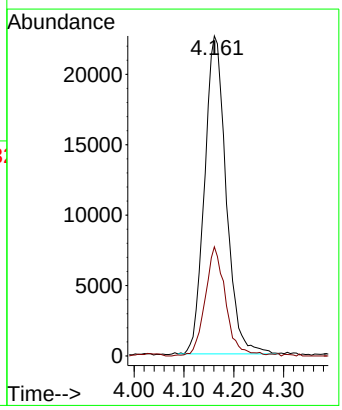


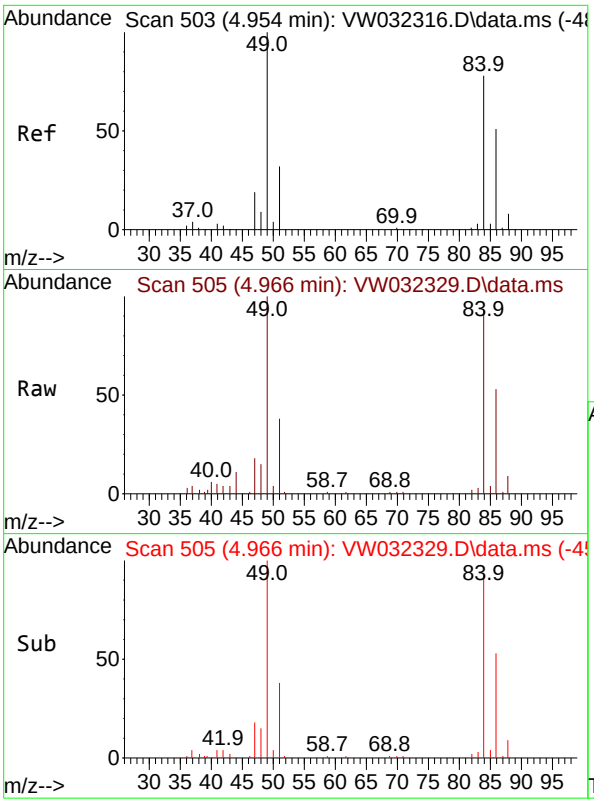


#16
Acetone
Concen: 93.519 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Tgt Ion: 43 Resp: 68048

Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.3	37.9



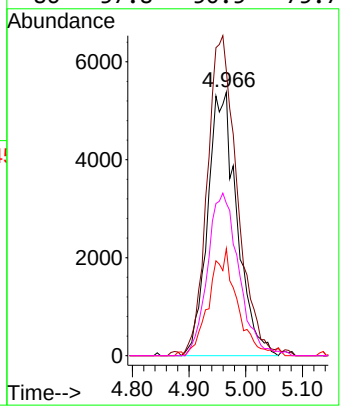


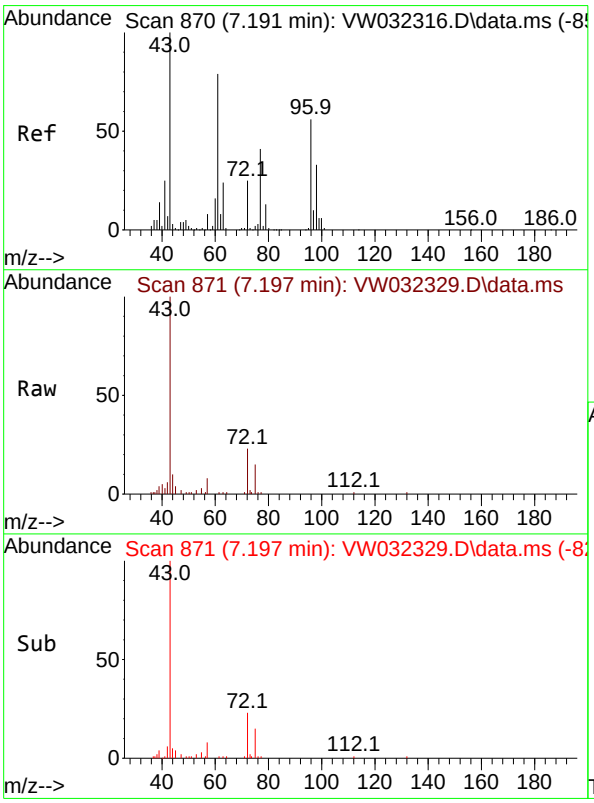
#20
Methylene Chloride
Concen: 2.987 ug/l
RT: 4.966 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Tgt Ion: 84 Resp: 19304

Ion	Ratio	Lower	Upper
84	100		
49	106.7	92.2	138.4
51	39.4	31.0	46.6
86	57.8	50.5	75.7

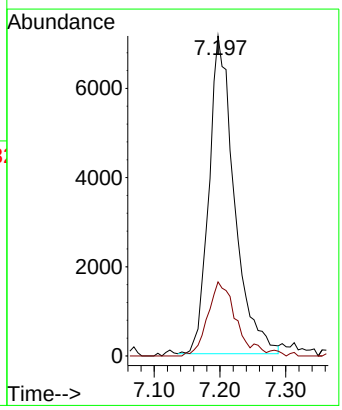


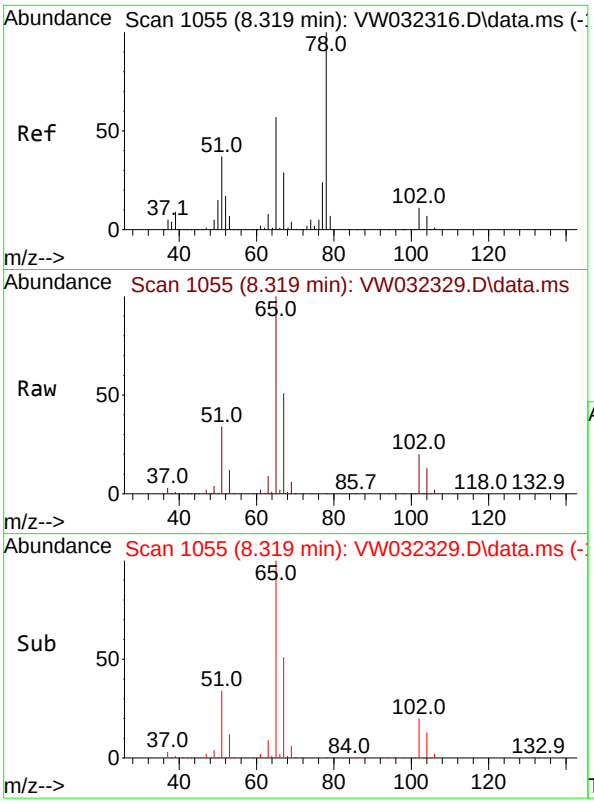


#25
2-Butanone
Concen: 19.382 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Tgt Ion: 43 Resp: 19208

Ion	Ratio	Lower	Upper
43	100		
72	23.3	21.4	32.2



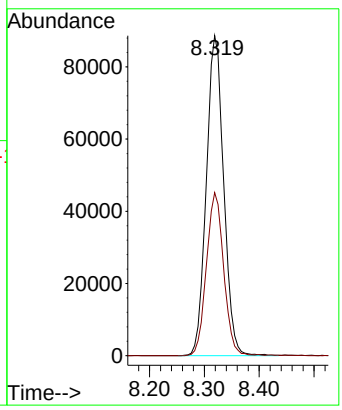


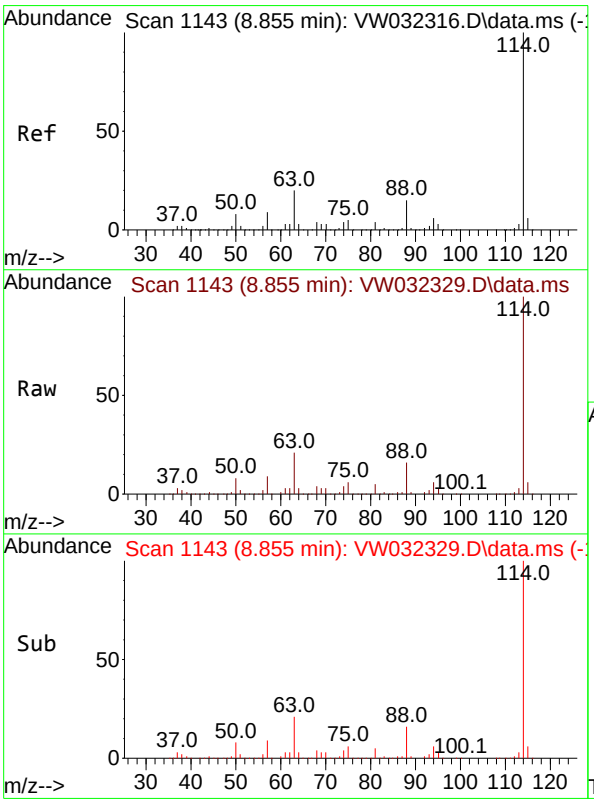
#33
1,2-Dichloroethane-d4
Concen: 74.041 ug/l
RT: 8.319 min Scan# 10
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Tgt Ion: 65 Resp: 194570

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.6

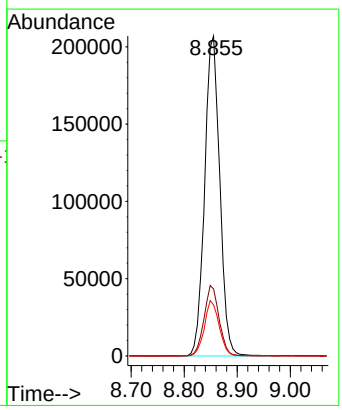


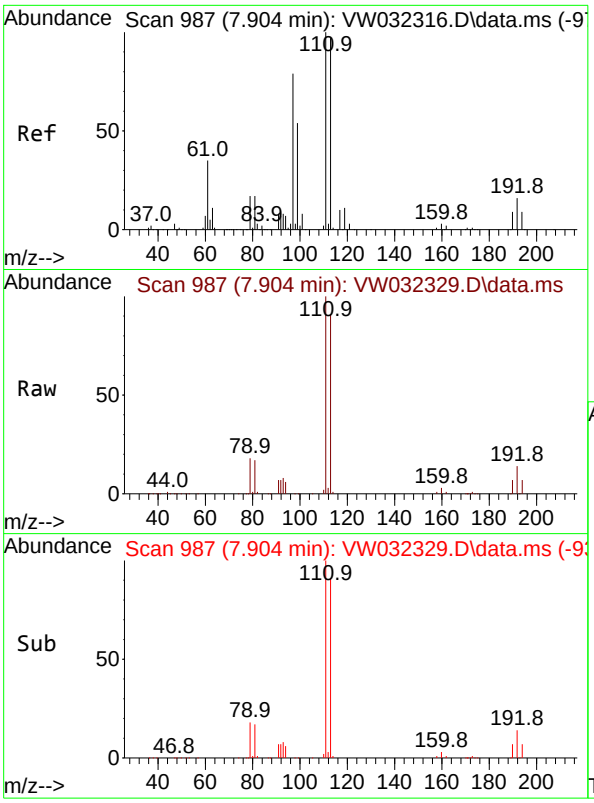


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Tgt Ion:114 Resp: 409718

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.4
88	16.0	0.0	32.0



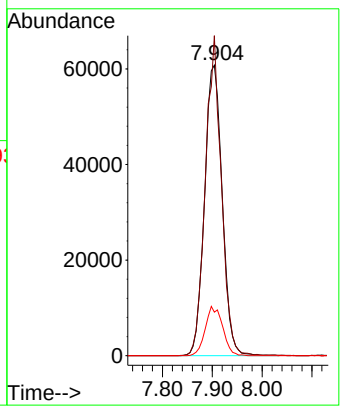


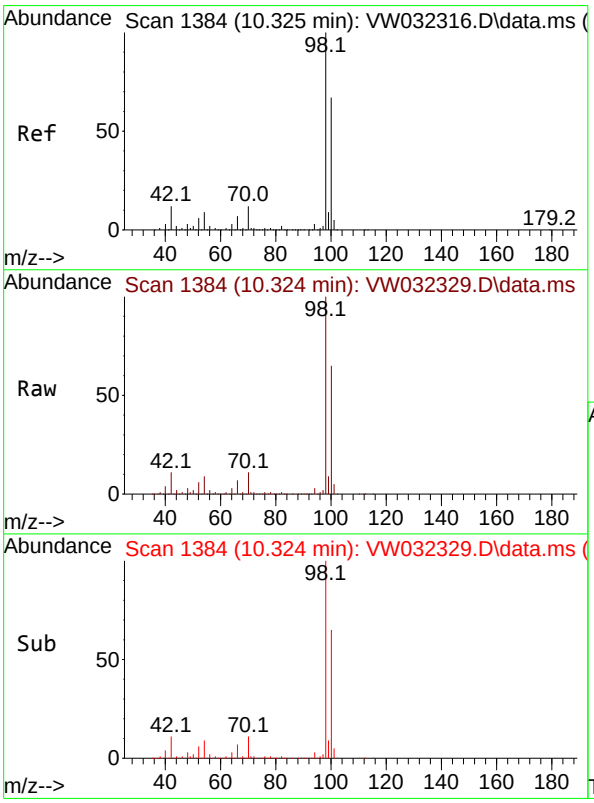
#35
Dibromofluoromethane
Concen: 56.453 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Tgt Ion:113 Resp: 149792

Ion	Ratio	Lower	Upper
113	100		
111	99.8	83.9	125.9
192	16.7	14.6	21.8

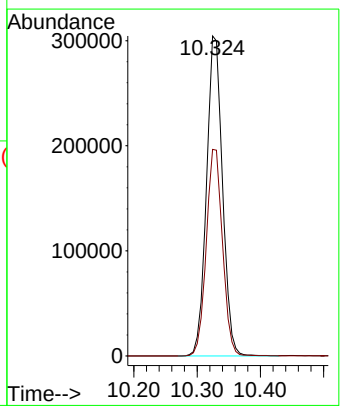


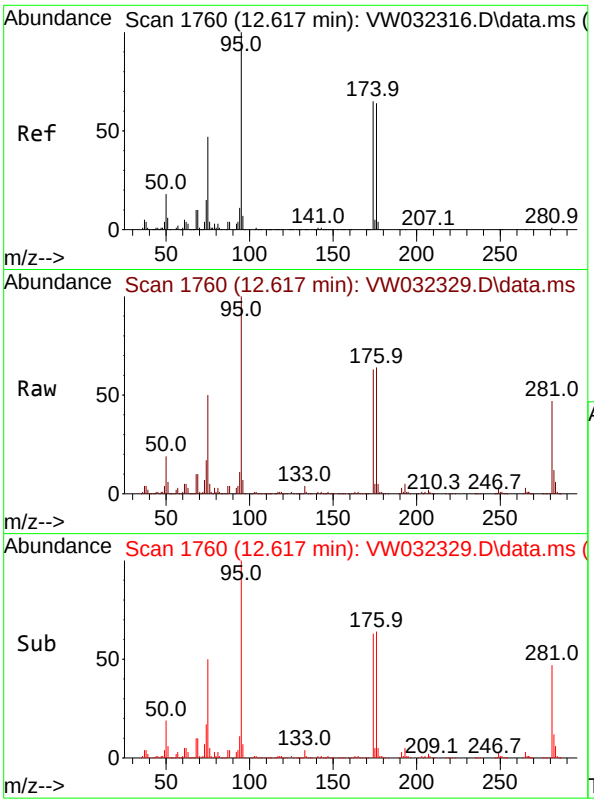


#50
Toluene-d8
Concen: 54.673 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Tgt Ion: 98 Resp: 535418

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.4	77.2



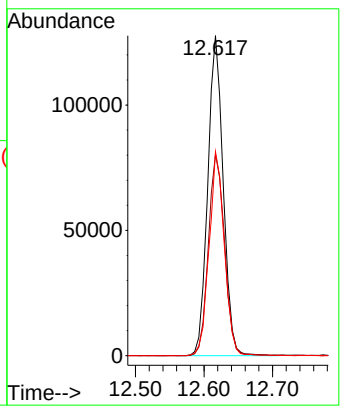


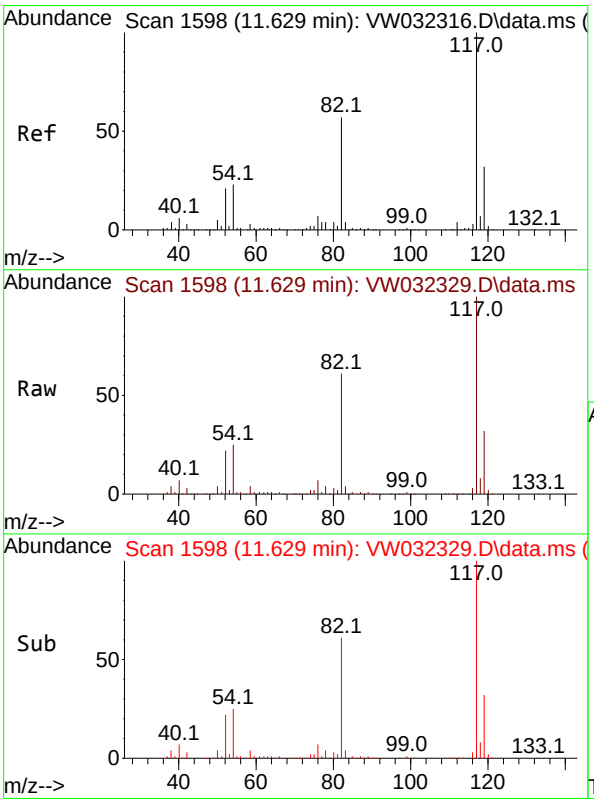
#62
4-Bromofluorobenzene
Concen: 54.080 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Tgt Ion: 95 Resp: 200173

Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	145.6
176	62.9	0.0	140.8

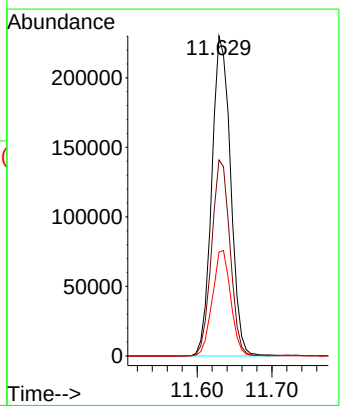


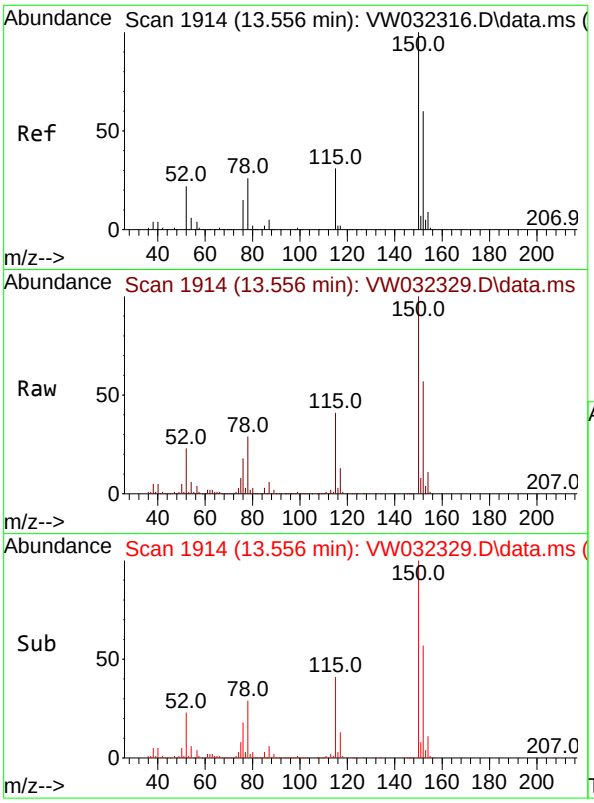


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Tgt Ion:117 Resp: 401656

Ion	Ratio	Lower	Upper
117	100		
82	61.3	42.7	64.1
119	32.4	25.2	37.8



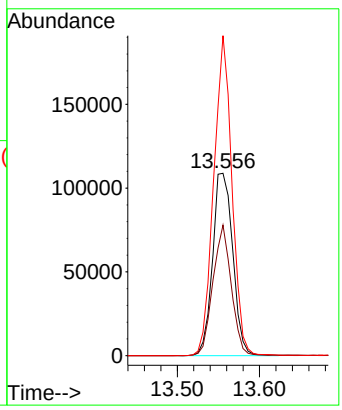


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

Tgt Ion:152 Resp: 185918

Ion	Ratio	Lower	Upper
152	100		
115	65.3	31.8	95.4
150	158.8	0.0	343.0



Sample Results: **VW032329.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032329.D
Acq On : 02 Oct 2025 13:57
Operator : SY/MD
Sample : Q3266-01
Misc : 14.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

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

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

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

Signal : TIC: VW032329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.161	365	373	399	rVB	39217	133116	9.04%	1.598%
2	4.960	492	504	517	rBV2	21935	86014	5.84%	1.032%
3	7.197	855	871	885	rBV2	13644	50684	3.44%	0.608%
4	7.904	973	987	991	rBV	200546	476890	32.39%	5.724%
5	7.965	991	997	1008	rVB	266695	609456	41.40%	7.315%
6	8.319	1043	1055	1068	rBV	238478	532464	36.17%	6.391%
7	8.855	1132	1143	1158	rVB	485336	992600	67.43%	11.914%
8	10.324	1376	1384	1392	rBV	794737	1427962	97.00%	17.140%
9	11.629	1590	1598	1608	rBV	738871	1286658	87.40%	15.444%
10	12.611	1748	1759	1771	rBV3	732010	1472125	100.00%	17.670%
11	13.556	1908	1914	1924	rVB	748810	1196879	81.30%	14.366%
12	14.062	1991	1997	2013	rVB	36970	66430	4.51%	0.797%

Sum of corrected areas: 8331278

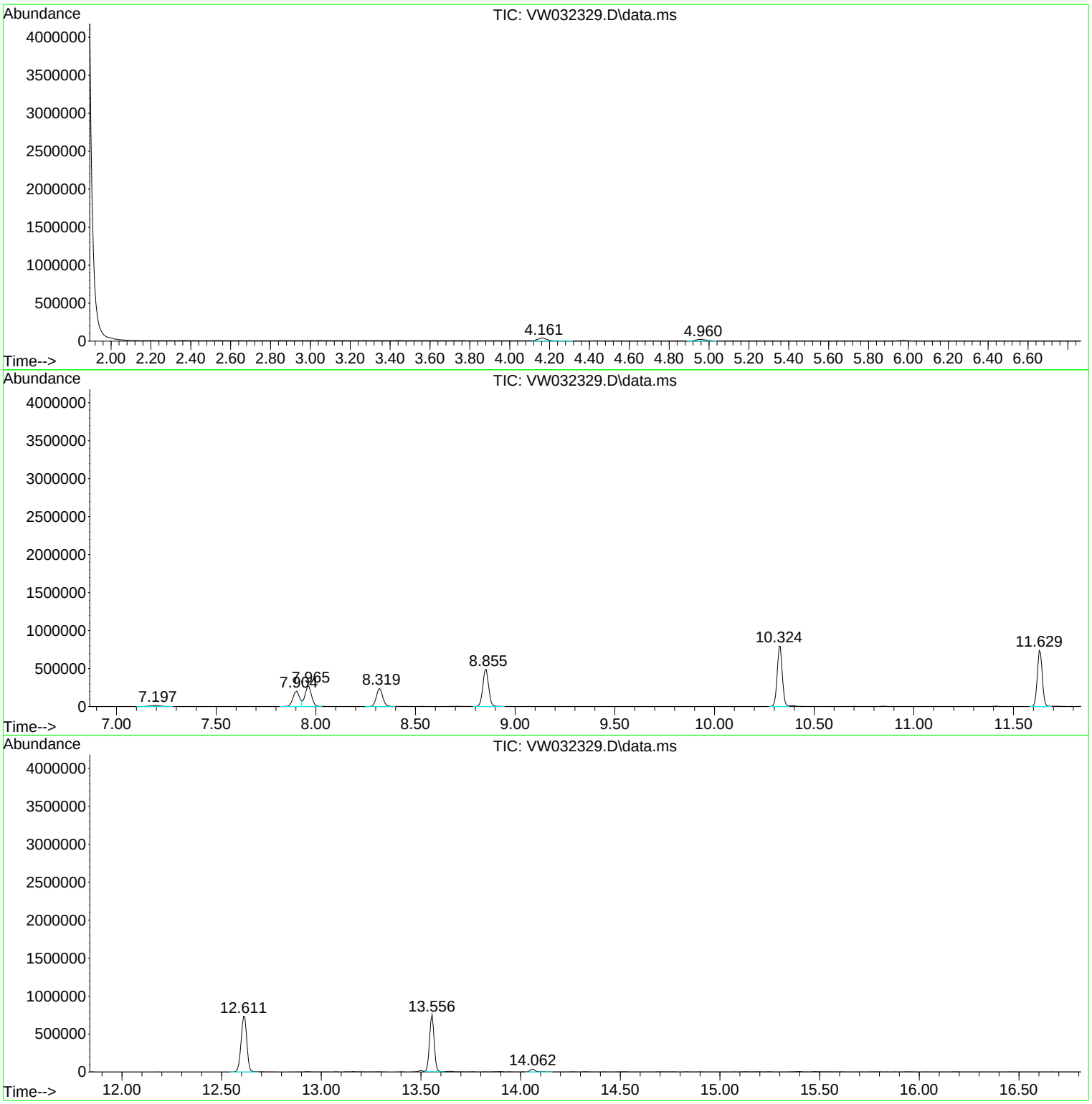
Sample Results: **VW032329.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032329.D
Acq On : 02 Oct 2025 13:57
Operator : SY/MD
Sample : Q3266-01
Misc : 14.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

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

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



Library Search Compound Report

Sample Results: **VW032329.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032329.D
Acq On : 02 Oct 2025 13:57
Operator : SY/MD
Sample : Q3266-01
Misc : 14.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

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

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032329.D
Acq On : 02 Oct 2025 13:57
Operator : SY/MD
Sample : Q3266-01
Misc : 14.74g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

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

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

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

Raw Data: **VW032330.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87
Sample Wt/Vol:	10.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032330.D	1	10/02/25 14:19	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.65	U	0.65	2.80	ug/Kg
74-87-3	Chloromethane	0.65	U	0.65	2.80	ug/Kg
75-01-4	Vinyl Chloride	0.45	U	0.45	2.80	ug/Kg
74-83-9	Bromomethane	0.61	U	0.61	2.80	ug/Kg
75-00-3	Chloroethane	0.72	U	0.72	2.80	ug/Kg
75-69-4	Trichlorofluoromethane	0.69	U	0.69	2.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.60	U	0.60	2.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.57	U	0.57	2.80	ug/Kg
67-64-1	Acetone	2.70	U	2.70	14.2	ug/Kg
75-15-0	Carbon Disulfide	0.60	U	0.60	2.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.41	U	0.41	2.80	ug/Kg
79-20-9	Methyl Acetate	0.87	U	0.87	2.80	ug/Kg
75-09-2	Methylene Chloride	2.00	UQ	2.00	5.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.49	U	0.49	2.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.45	U	0.45	2.80	ug/Kg
110-82-7	Cyclohexane	0.45	U	0.45	2.80	ug/Kg
78-93-3	2-Butanone	3.70	U	3.70	14.2	ug/Kg
56-23-5	Carbon Tetrachloride	0.55	U	0.55	2.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.43	U	0.43	2.80	ug/Kg
74-97-5	Bromochloromethane	0.65	U	0.65	2.80	ug/Kg
67-66-3	Chloroform	0.48	U	0.48	2.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.53	U	0.53	2.80	ug/Kg
108-87-2	Methylcyclohexane	0.52	U	0.52	2.80	ug/Kg
71-43-2	Benzene	0.45	U	0.45	2.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.45	U	0.45	2.80	ug/Kg
79-01-6	Trichloroethene	0.46	U	0.46	2.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.52	U	0.52	2.80	ug/Kg
75-27-4	Bromodichloromethane	0.44	U	0.44	2.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.00	U	2.00	14.2	ug/Kg
108-88-3	Toluene	0.44	U	0.44	2.80	ug/Kg

Raw Data: **VW032330.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87
Sample Wt/Vol:	10.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032330.D	1	10/02/25 14:19	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.37	U	0.37	2.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.35	U	0.35	2.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.52	U	0.52	2.80	ug/Kg
591-78-6	2-Hexanone	2.10	U	2.10	14.2	ug/Kg
124-48-1	Dibromochloromethane	0.49	U	0.49	2.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.50	U	0.50	2.80	ug/Kg
127-18-4	Tetrachloroethene	0.60	U	0.60	2.80	ug/Kg
108-90-7	Chlorobenzene	0.52	U	0.52	2.80	ug/Kg
100-41-4	Ethyl Benzene	0.38	U	0.38	2.80	ug/Kg
179601-23-1	m/p-Xylenes	0.70	U	0.70	5.70	ug/Kg
95-47-6	o-Xylene	0.47	U	0.47	2.80	ug/Kg
100-42-5	Styrene	0.40	U	0.40	2.80	ug/Kg
75-25-2	Bromoform	0.49	U	0.49	2.80	ug/Kg
98-82-8	Isopropylbenzene	0.44	U	0.44	2.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U	0.69	2.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.97	U	0.97	2.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.89	U	0.89	2.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.82	U	0.82	2.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1.00	2.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.70	U	1.70	2.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.80	U	1.80	2.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	70.0		63 - 155	140%	SPK: 50
1868-53-7	Dibromofluoromethane	56.6		70 - 134	113%	SPK: 50
2037-26-5	Toluene-d8	56.6		74 - 123	113%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		17 - 146	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	7.965			
540-36-3	1,4-Difluorobenzene	407000	8.855			
3114-55-4	Chlorobenzene-d5	436000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	196000	13.556			

Raw Data: **VW032330.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87
Sample Wt/Vol:	10.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032330.D	1	10/02/25 14:19	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032330.D
Acq On : 02 Oct 2025 14:19
Operator : SY/MD
Sample : Q3266-02
Misc : 10.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

Quant Time: Oct 02 21:38:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

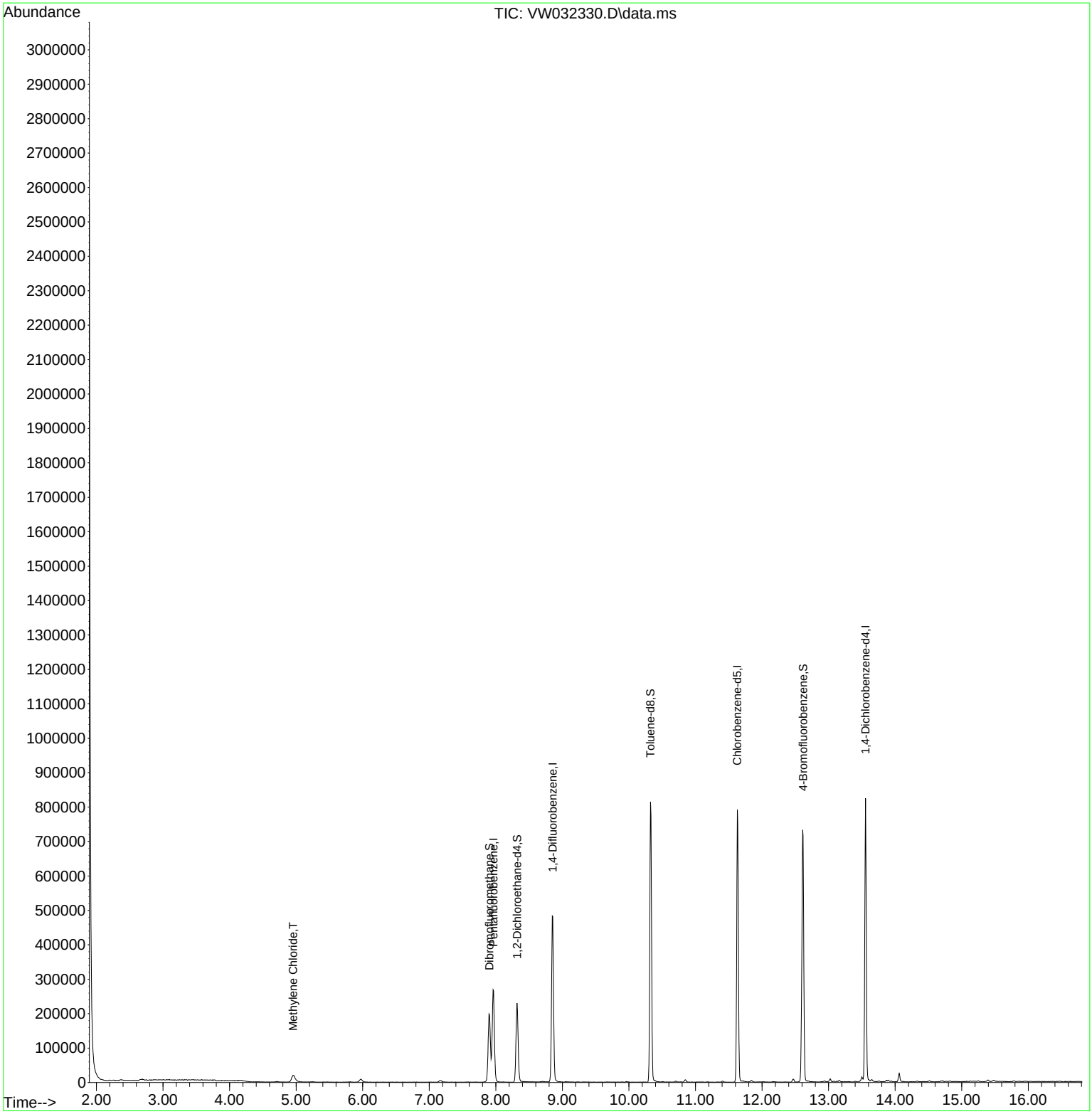
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	184689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	407370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	435664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	195548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	188484	69.970	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 139.940%			
35) Dibromofluoromethane	7.904	113	149199	56.554	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 113.100%			
50) Toluene-d8	10.325	98	551506	56.641	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 113.280%			
62) 4-Bromofluorobenzene	12.617	95	207352	56.342	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 112.680%			
Target Compounds						Qvalue
20) Methylene Chloride	4.954	84	17832	2.100	ug/l #	91

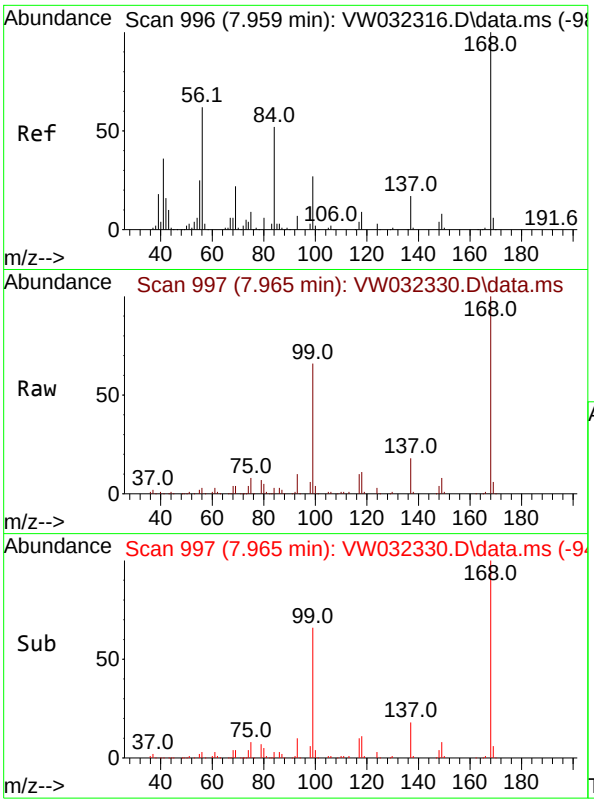
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032330.D
Acq On : 02 Oct 2025 14:19
Operator : SY/MD
Sample : Q3266-02
Misc : 10.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

Quant Time: Oct 02 21:38:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration



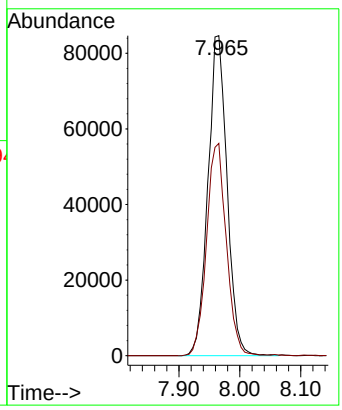


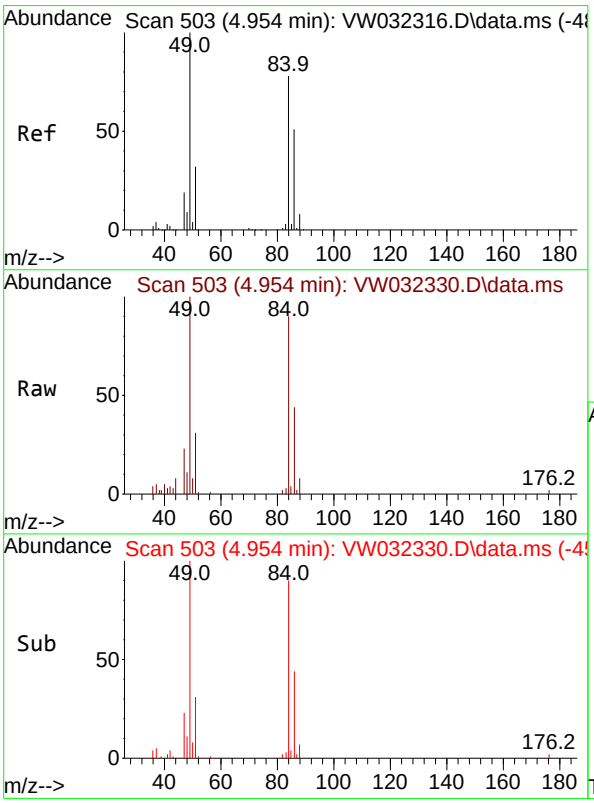
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

Tgt Ion:168 Resp: 184689

Ion	Ratio	Lower	Upper
168	100		
99	66.3	49.3	73.9

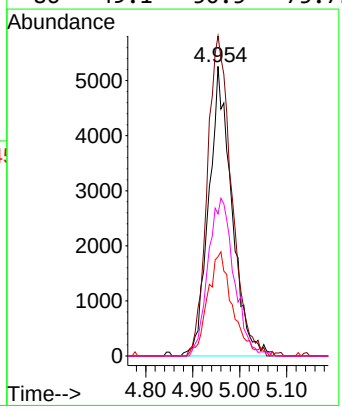


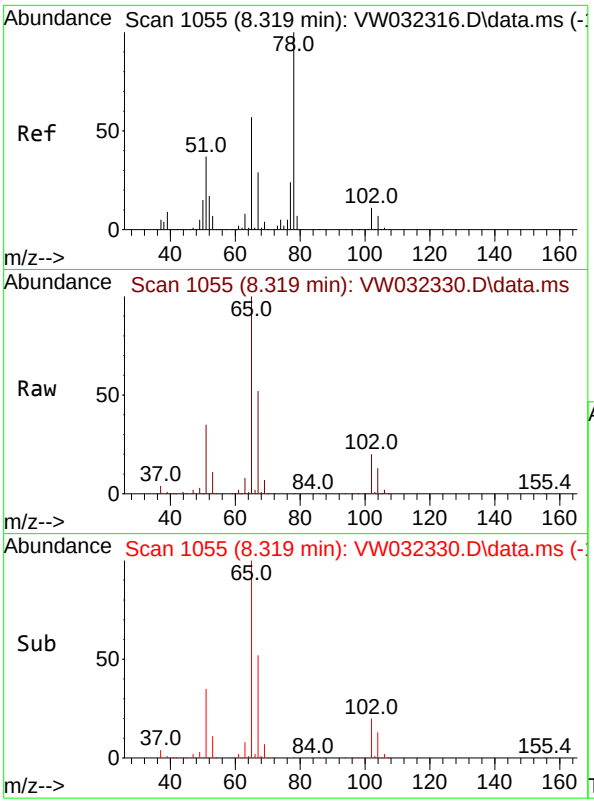


#20
Methylene Chloride
Concen: 2.100 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Tgt Ion: 84 Resp: 17832

Ion	Ratio	Lower	Upper
84	100		
49	110.5	92.2	138.4
51	34.3	31.0	46.6
86	49.1	50.5	75.7#



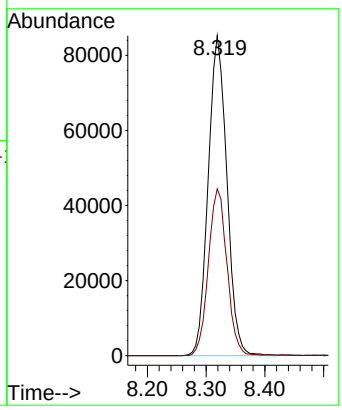


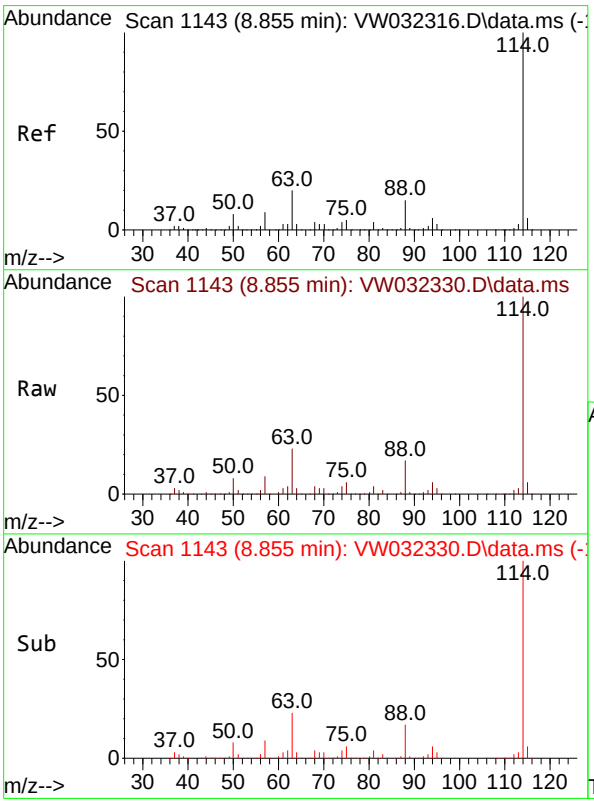
#33
1,2-Dichloroethane-d4
Concen: 69.970 ug/l
RT: 8.319 min Scan# 10
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

Tgt Ion: 65 Resp: 188484

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	99.6

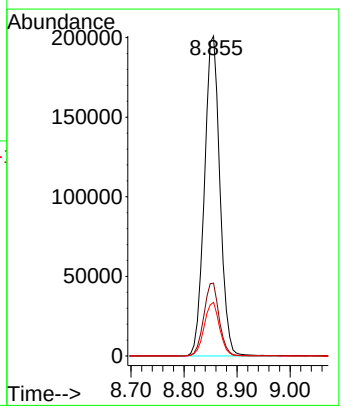


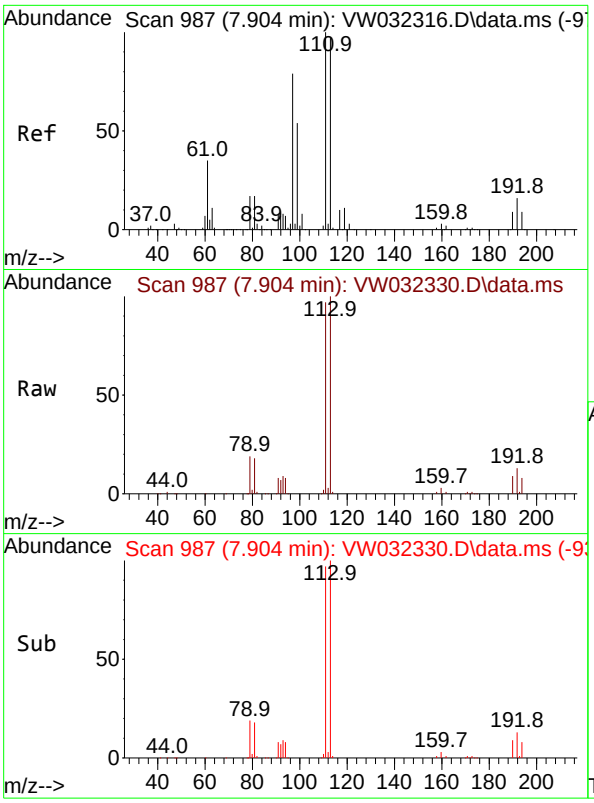


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Tgt Ion:114 Resp: 407370

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	40.4
88	16.8	0.0	32.0



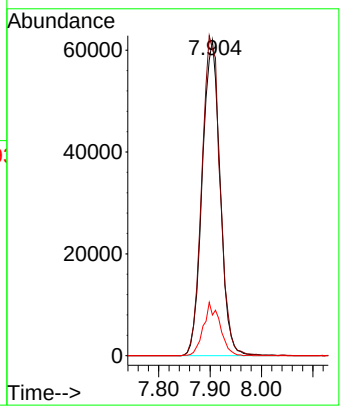


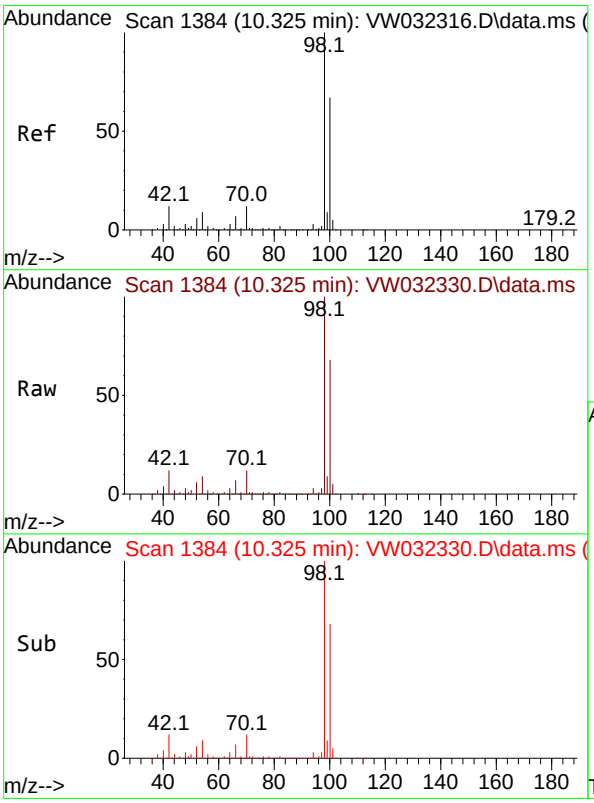
#35
Dibromofluoromethane
Concen: 56.554 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

Tgt Ion:113 Resp: 149199

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.9	125.9
192	15.7	14.6	21.8

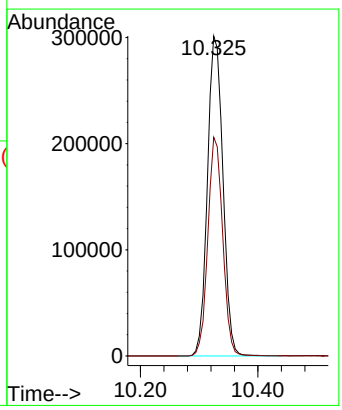


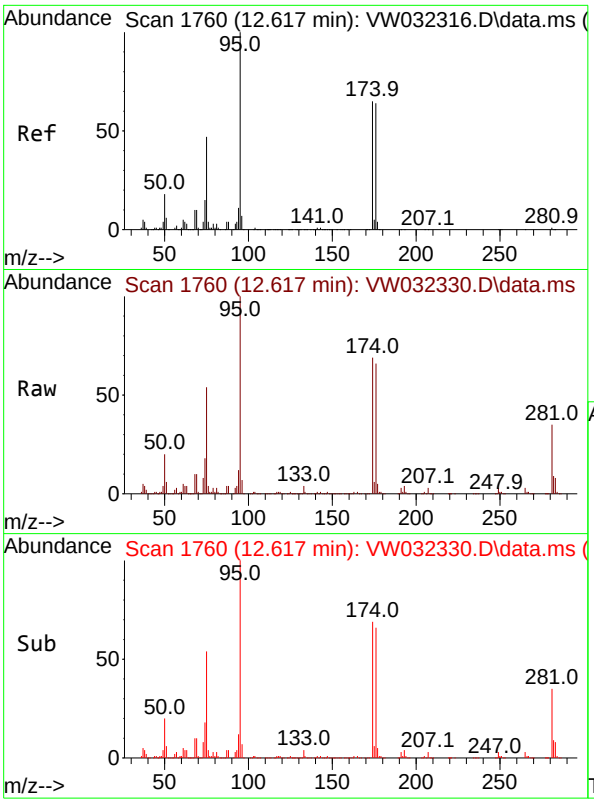


#50
Toluene-d8
Concen: 56.641 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Tgt Ion: 98 Resp: 551506

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2



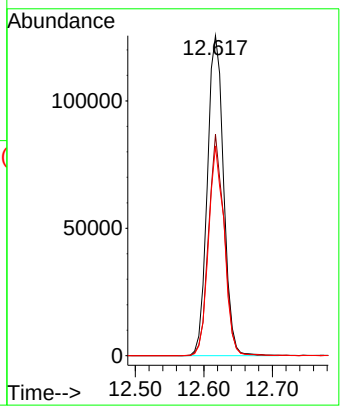


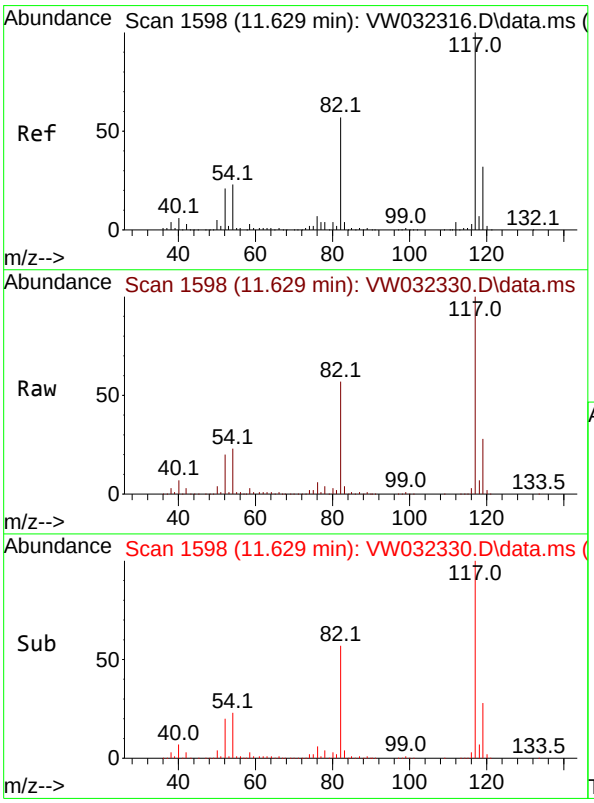
#62
4-Bromofluorobenzene
Concen: 56.342 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

Tgt Ion: 95 Resp: 207352

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	145.6
176	63.5	0.0	140.8

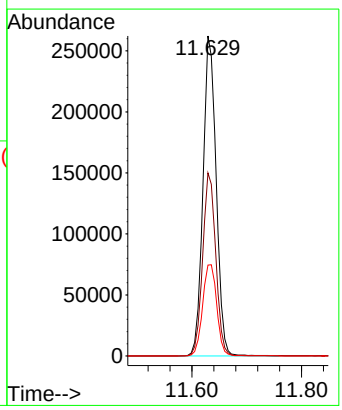


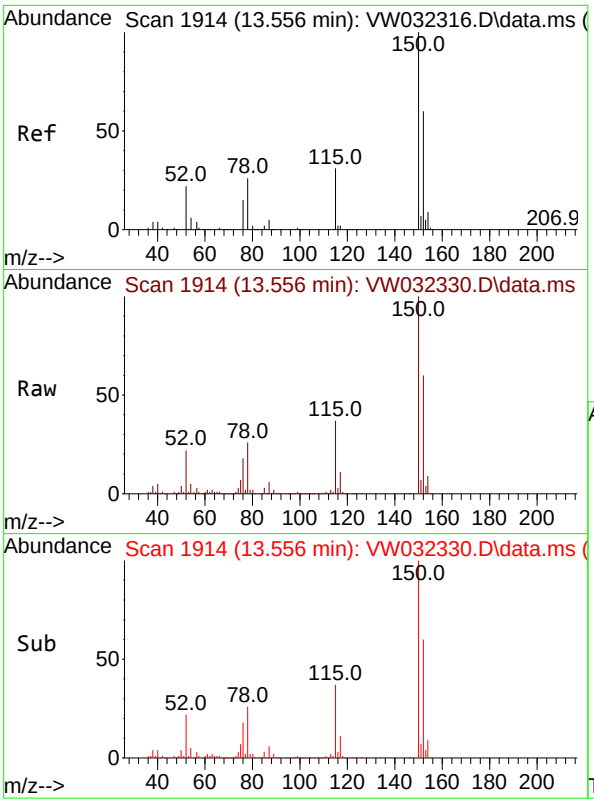


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Tgt Ion:117 Resp: 435664

Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.7	64.1
119	28.4	25.2	37.8



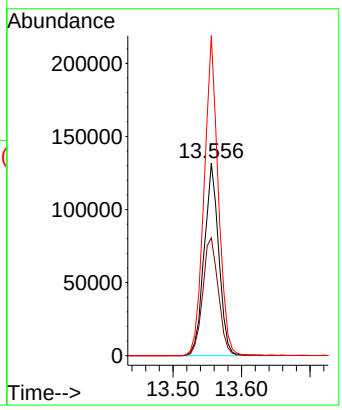


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

Tgt Ion:152 Resp: 195548

Ion	Ratio	Lower	Upper
152	100		
115	65.9	31.8	95.4
150	161.0	0.0	343.0



Sample Results: **VW032330.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032330.D
Acq On : 02 Oct 2025 14:19
Operator : SY/MD
Sample : Q3266-02
Misc : 10.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

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

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

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

Signal : TIC: VW032330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	491	503	516	rBV2	20053	78036	5.32%	0.941%
2	5.972	659	670	682	rBV3	8806	29088	1.98%	0.351%
3	7.898	972	986	991	rBV	198156	481549	32.86%	5.807%
4	7.959	991	996	1011	rVB	267300	609504	41.59%	7.350%
5	8.319	1044	1055	1065	rBV	229930	512402	34.96%	6.179%
6	8.849	1133	1142	1157	rBV	481902	992704	67.74%	11.972%
7	10.325	1376	1384	1394	rBV	813627	1465518	100.00%	17.674%
8	11.629	1590	1598	1609	rBV	791977	1346395	91.87%	16.237%
9	12.611	1745	1759	1770	rBV3	732793	1450589	98.98%	17.494%
10	13.501	1896	1905	1908	rBV3	14351	27224	1.86%	0.328%
11	13.556	1908	1914	1925	rVB	820751	1261984	86.11%	15.219%
12	14.062	1992	1997	2002	rBV2	23839	37030	2.53%	0.447%

Sum of corrected areas: 8292023

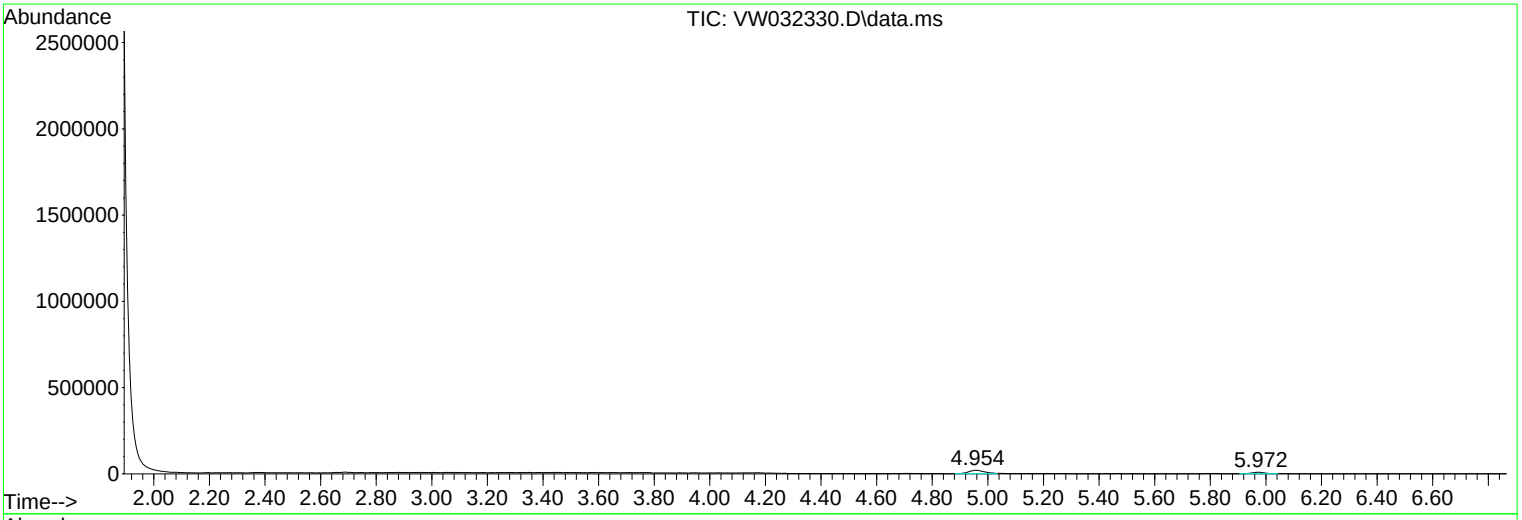
Sample Results: **VW032330.D**

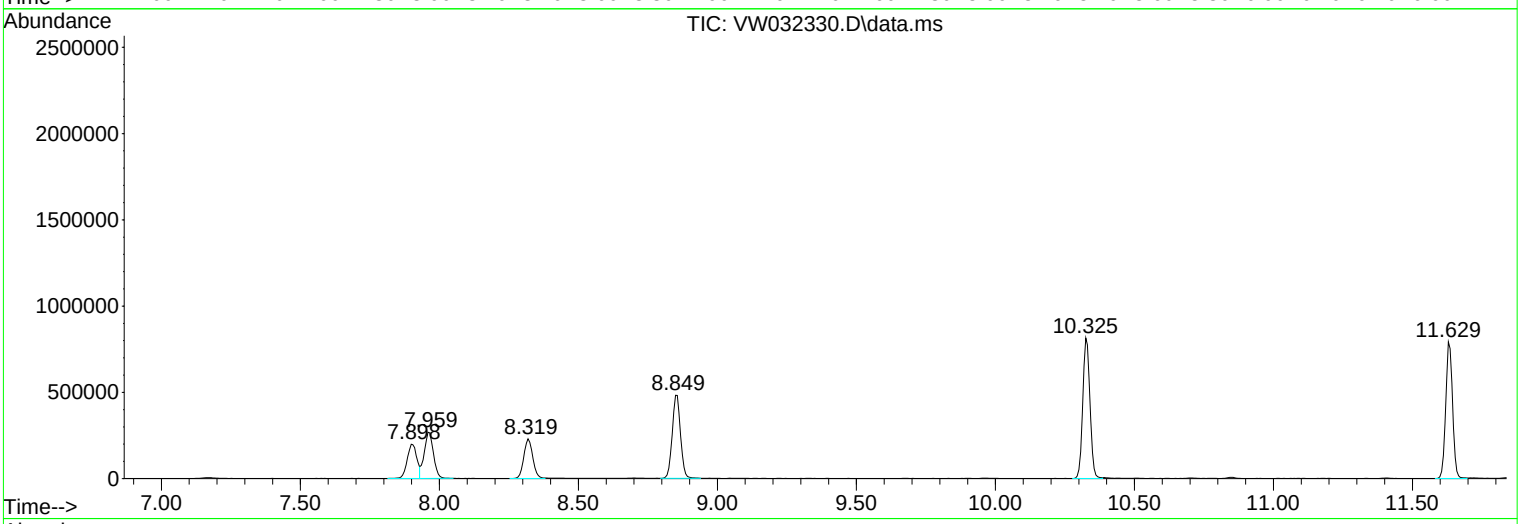
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032330.D
Acq On : 02 Oct 2025 14:19
Operator : SY/MD
Sample : Q3266-02
Misc : 10.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

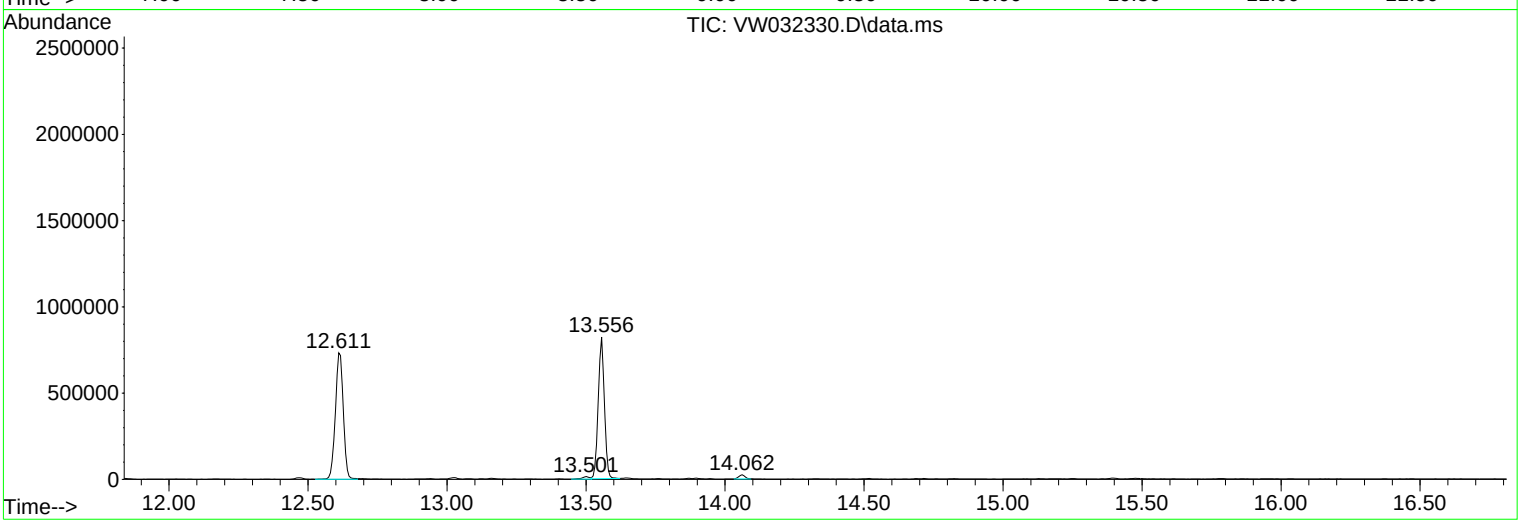
Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

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

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







Library Search Compound Report

Sample Results: **VW032330.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032330.D
Acq On : 02 Oct 2025 14:19
Operator : SY/MD
Sample : Q3266-02
Misc : 10.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

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

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

No Library Search Compounds Detected
****

Sample Results: **VW032330.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032330.D
Acq On : 02 Oct 2025 14:19
Operator : SY/MD
Sample : Q3266-02
Misc : 10.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

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

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

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

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

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

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

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

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

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

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

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

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

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

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

Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W100125S.M
Title : SW846 8260
Last Update : Thu Oct 02 21:24:16 2025
Response Via : Initial Calibration

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

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

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

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

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

ICAL Form

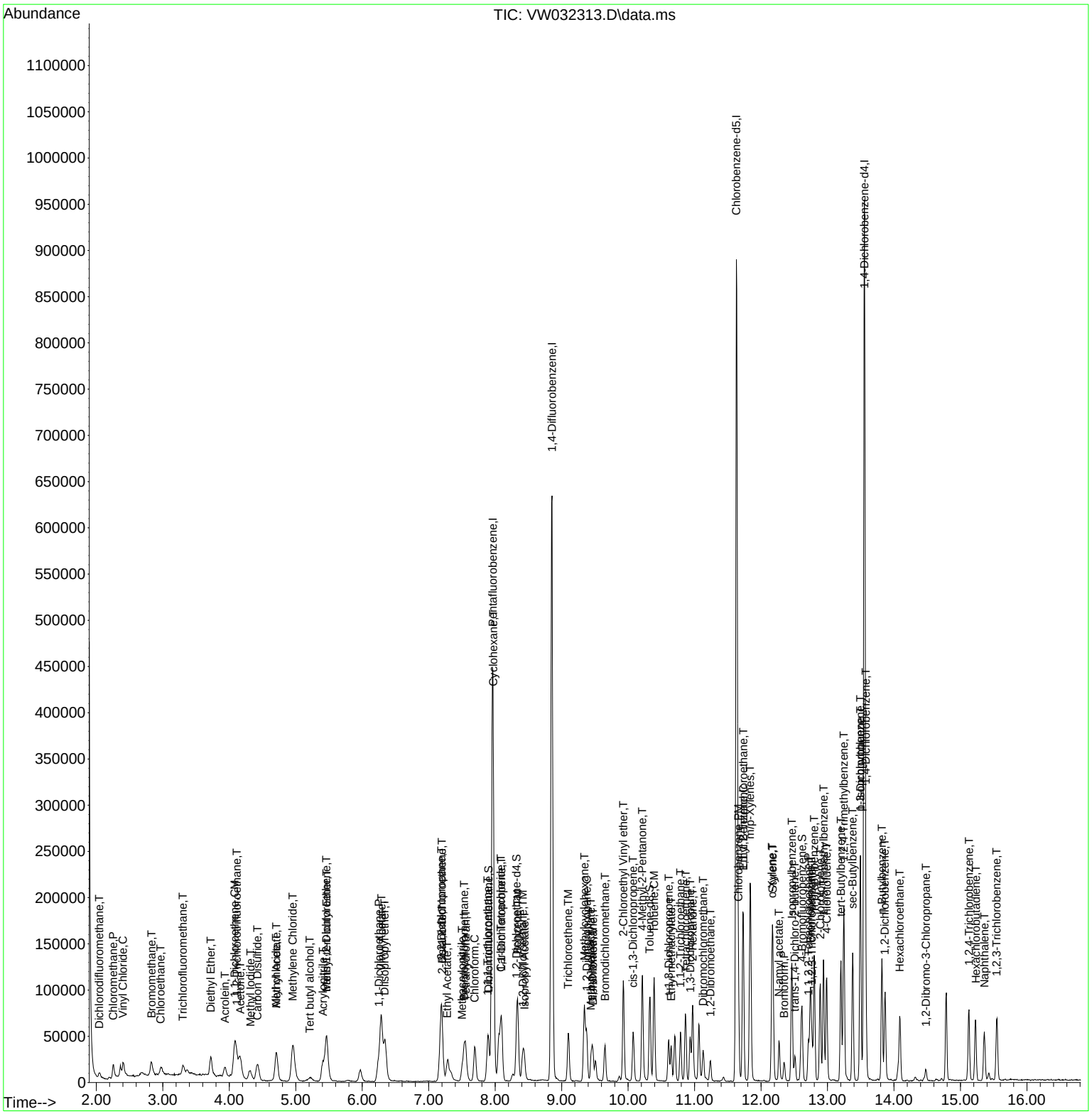
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032313.D
Acq On : 01 Oct 2025 13:12
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

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

ICAL Form

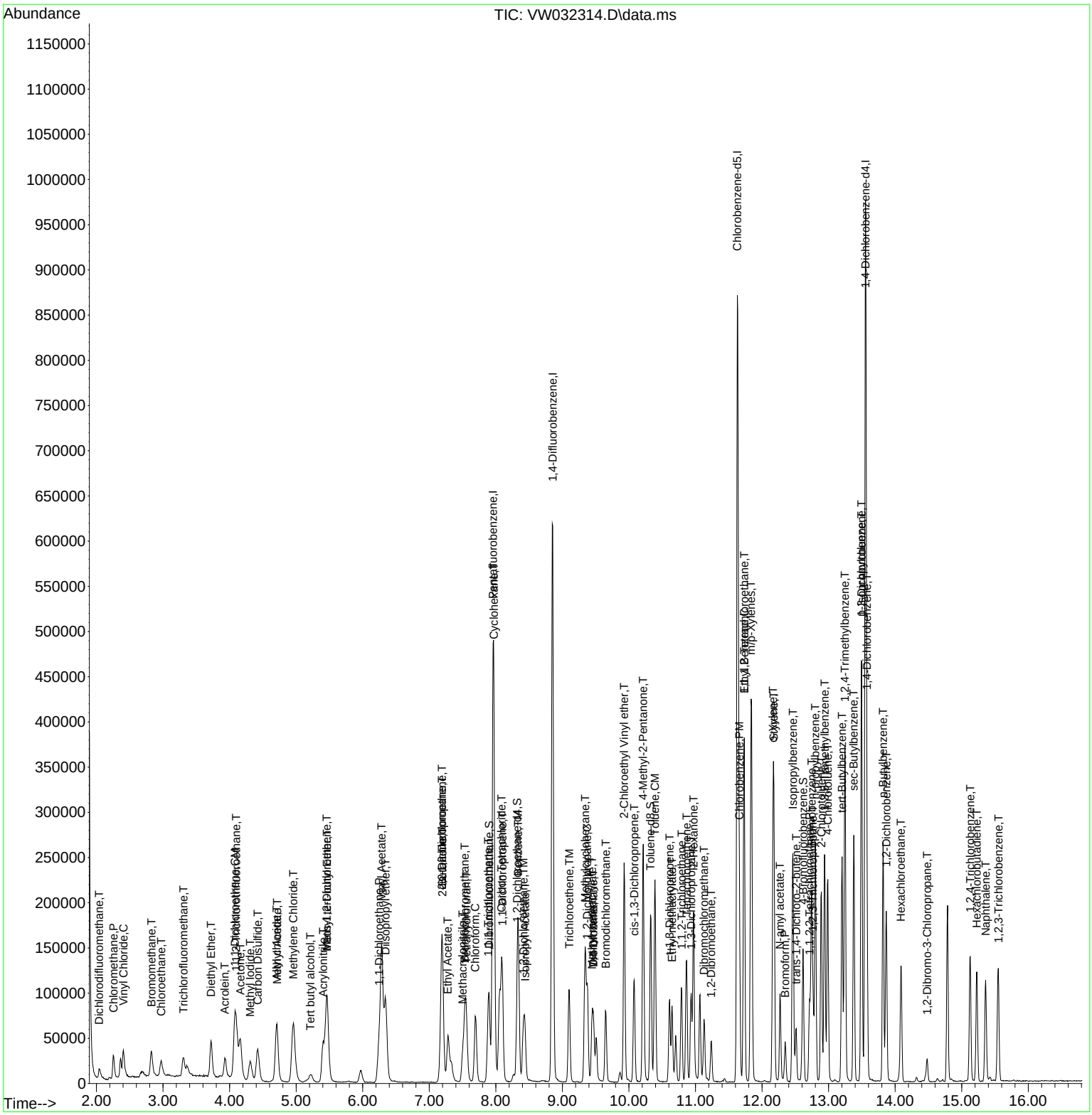
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032314.D
Acq On : 01 Oct 2025 13:34
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

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

ICAL Form

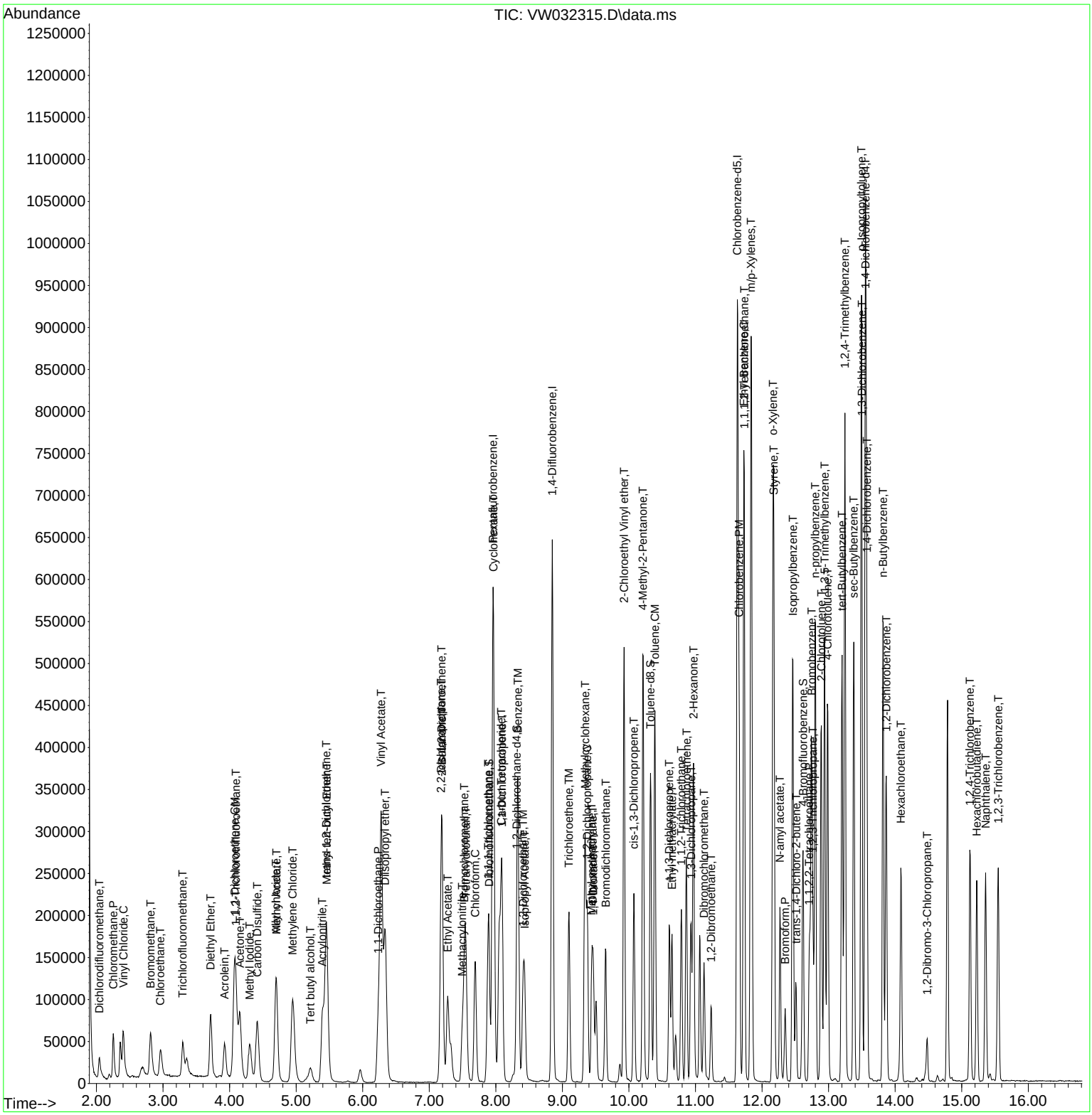
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032315.D
Acq On : 01 Oct 2025 14:15
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

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

ICAL Form

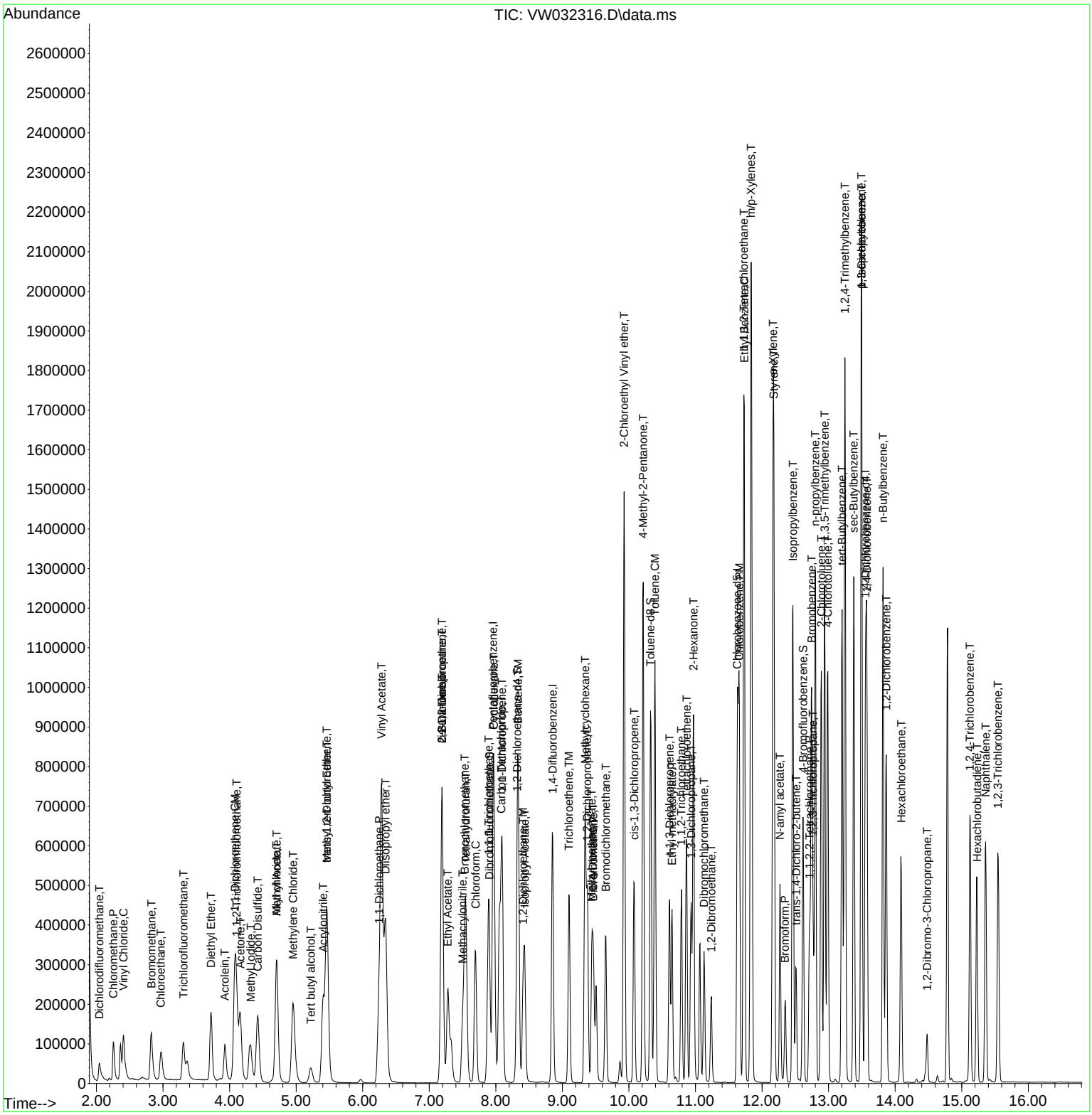
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032316.D
Acq On : 01 Oct 2025 14:37
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

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

ICAL Form

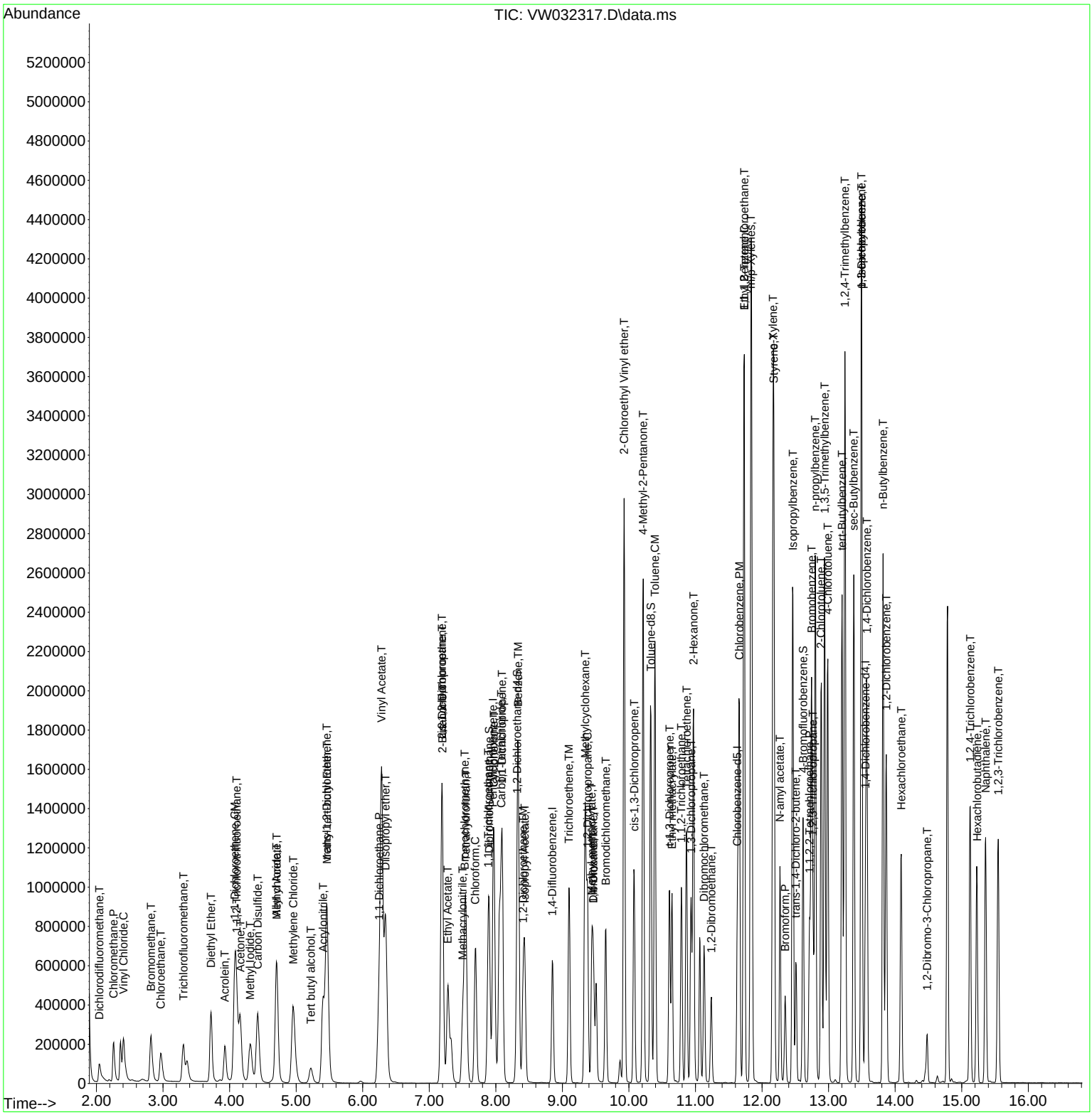
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032317.D
Acq On : 01 Oct 2025 14:59
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
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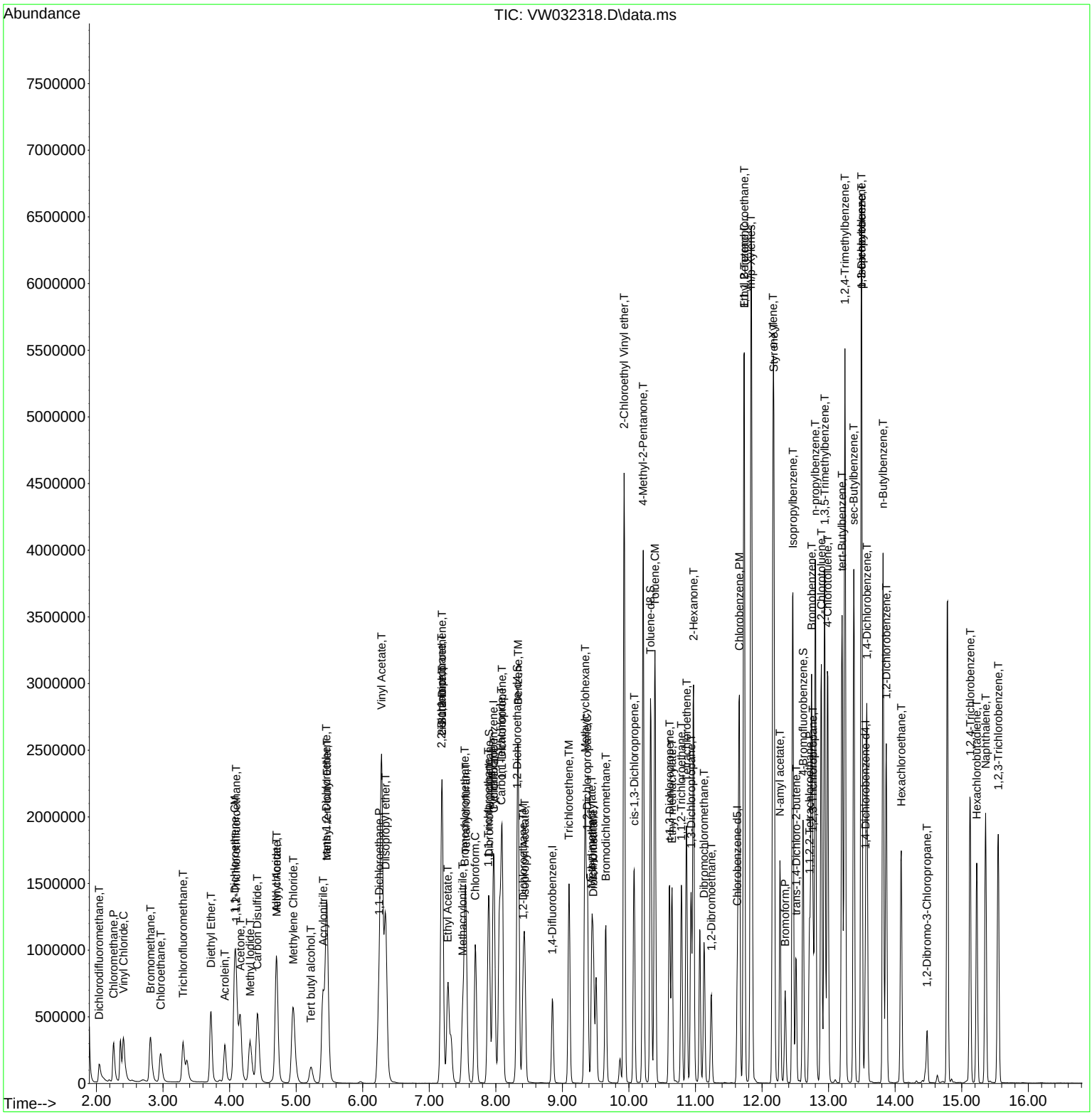


Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

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

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

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

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

ICAL Form

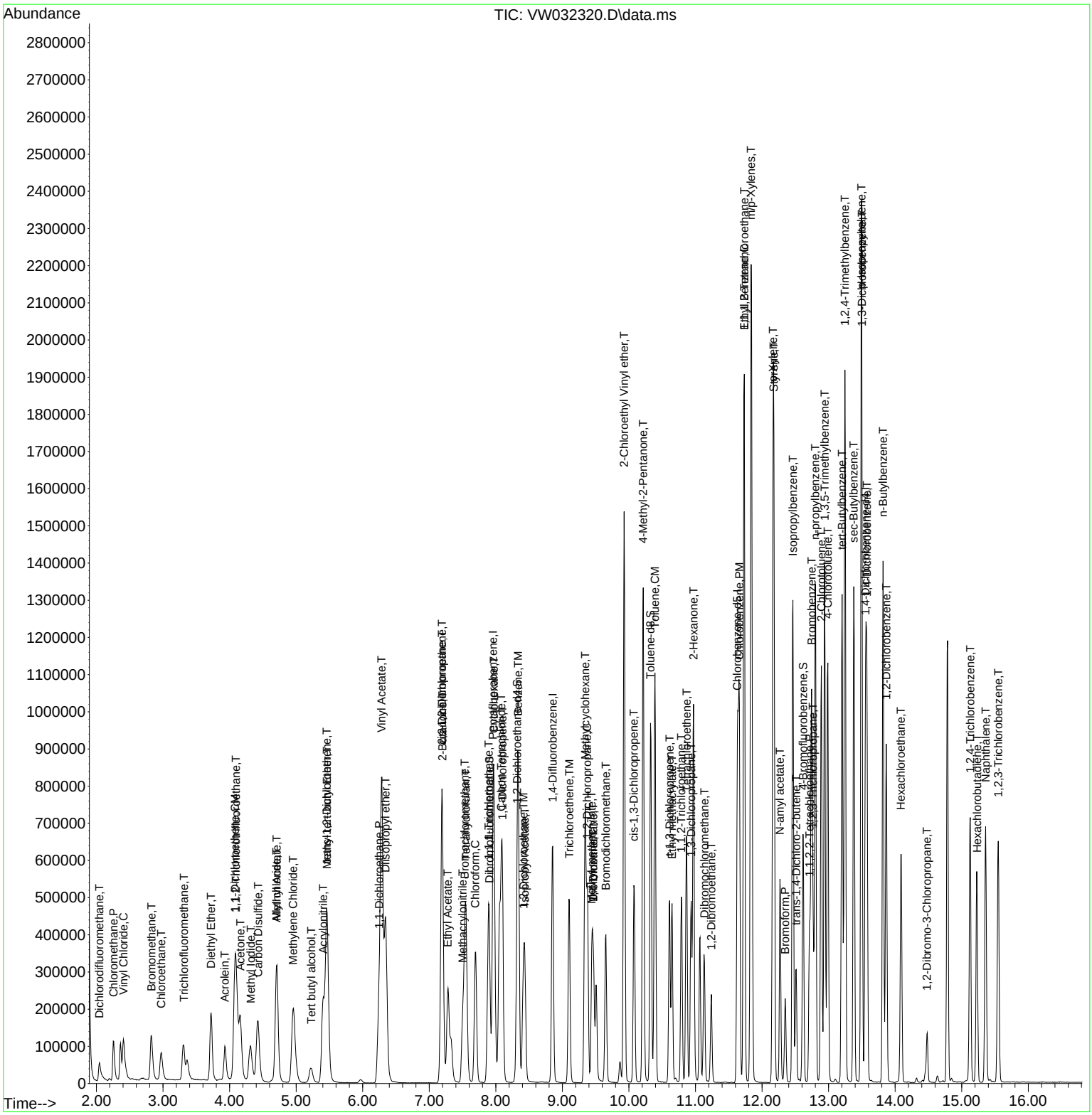
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
Data File : VW032320.D
Acq On : 01 Oct 2025 16:04
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	106	0.00
50	S	Toluene-d8	1.195	1.189	0.5	102	0.00
51	T	4-Methyl-2-Pentanone	0.313	0.324	-3.5	106	0.00
52	CM	Toluene	0.892	0.893	-0.1#	107	0.00
53	T	t-1,3-Dichloropropene	0.488	0.500	-2.5	107	0.00
54	T	cis-1,3-Dichloropropene	0.562	0.564	-0.4	106	0.00
55	T	1,1,2-Trichloroethane	0.294	0.293	0.3	107	0.00
56	T	Ethyl methacrylate	0.411	0.431	-4.9	108	0.00
57	T	1,3-Dichloropropane	0.519	0.513	1.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.219	0.243	-11.0	103	0.00
59	T	2-Hexanone	0.220	0.231	-5.0	108	0.00
60	T	Dibromochloromethane	0.334	0.335	-0.3	105	0.00
61	T	1,2-Dibromoethane	0.287	0.285	0.7	105	0.00
62	S	4-Bromofluorobenzene	0.452	0.436	3.5	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.299	0.297	0.7	109	0.00
65	PM	Chlorobenzene	1.100	1.075	2.3	107	0.00
66	T	1,1,1,2-Tetrachloroethane	0.343	0.333	2.9	107	0.00
67	C	Ethyl Benzene	1.834	1.853	-1.0#	109	0.00
68	T	m/p-Xylenes	0.707	0.702	0.7	107	0.00
69	T	o-Xylene	0.661	0.668	-1.1	107	0.00
70	T	Styrene	1.155	1.193	-3.3	108	0.00
71	P	Bromoform	0.196	0.201	-2.6	109	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.421	3.563	-4.2	108	0.00
74	T	N-amyl acetate	1.091	1.172	-7.4	111	0.00
75	P	1,1,2,2-Tetrachloroethane	0.849	0.863	-1.6	107	0.00
76	T	1,2,3-Trichloropropane	0.658	0.669	-1.7	111	0.00
77	T	Bromobenzene	0.825	0.835	-1.2	103	0.00
78	T	n-propylbenzene	4.273	4.415	-3.3	108	0.00
79	T	2-Chlorotoluene	2.613	2.680	-2.6	107	0.00
80	T	1,3,5-Trimethylbenzene	2.958	3.098	-4.7	107	0.00
81	T	trans-1,4-Dichloro-2-butene	0.260	0.282	-8.5	106	0.00
82	T	4-Chlorotoluene	2.778	2.819	-1.5	107	0.00
83	T	tert-Butylbenzene	2.427	2.597	-7.0	111	0.00
84	T	1,2,4-Trimethylbenzene	3.008	3.099	-3.0	105	0.00
85	T	sec-Butylbenzene	3.709	3.840	-3.5	108	0.00
86	T	p-Isopropyltoluene	3.077	3.243	-5.4	109	0.00
87	T	1,3-Dichlorobenzene	1.670	1.687	-1.0	106	0.00
88	T	1,4-Dichlorobenzene	1.670	1.615	3.3	105	0.00
89	T	n-Butylbenzene	3.005	3.178	-5.8	110	0.00
90	T	Hexachloroethane	0.552	0.573	-3.8	110	0.00
91	T	1,2-Dichlorobenzene	1.509	1.473	2.4	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.149	0.155	-4.0	106	0.00
93	T	1,2,4-Trichlorobenzene	0.905	0.926	-2.3	112	0.00
94	T	Hexachlorobutadiene	0.414	0.385	7.0	107	0.00
95	T	Naphthalene	2.174	2.429	-11.7	111	0.00

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

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

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.877	-2.8	109	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

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

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1058.229	-5.8	106	0.00
50	S	Toluene-d8	50.000	49.731	0.5	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.790	-3.5	106	0.00
52	CM	Toluene	50.000	50.061	-0.1#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	51.234	-2.5	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.209	-0.4	106	0.00
55	T	1,1,2-Trichloroethane	50.000	49.869	0.3	107	0.00
56	T	Ethyl methacrylate	50.000	52.367	-4.7	108	0.00
57	T	1,3-Dichloropropane	50.000	49.394	1.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.181	-10.9	103	0.00
59	T	2-Hexanone	250.000	262.215	-4.9	108	0.00
60	T	Dibromochloromethane	50.000	50.187	-0.4	105	0.00
61	T	1,2-Dibromoethane	50.000	49.732	0.5	105	0.00
62	S	4-Bromofluorobenzene	50.000	48.218	3.6	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	49.611	0.8	109	0.00
65	PM	Chlorobenzene	50.000	48.862	2.3	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.644	2.7	107	0.00
67	C	Ethyl Benzene	50.000	50.513	-1.0#	109	0.00
68	T	m/p-Xylenes	100.000	99.276	0.7	107	0.00
69	T	o-Xylene	50.000	50.523	-1.0	107	0.00
70	T	Styrene	50.000	51.667	-3.3	108	0.00
71	P	Bromoform	50.000	51.207	-2.4	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	52.076	-4.2	108	0.00
74	T	N-amyl acetate	50.000	53.697	-7.4	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.822	-1.6	107	0.00
76	T	1,2,3-Trichloropropane	50.000	50.813	-1.6	111	0.00
77	T	Bromobenzene	50.000	50.659	-1.3	103	0.00
78	T	n-propylbenzene	50.000	51.657	-3.3	108	0.00
79	T	2-Chlorotoluene	50.000	51.287	-2.6	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.365	-4.7	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.360	-8.7	106	0.00
82	T	4-Chlorotoluene	50.000	50.734	-1.5	107	0.00
83	T	tert-Butylbenzene	50.000	53.510	-7.0	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.522	-3.0	105	0.00
85	T	sec-Butylbenzene	50.000	51.774	-3.5	108	0.00
86	T	p-Isopropyltoluene	50.000	52.697	-5.4	109	0.00
87	T	1,3-Dichlorobenzene	50.000	50.518	-1.0	106	0.00
88	T	1,4-Dichlorobenzene	50.000	48.372	3.3	105	0.00
89	T	n-Butylbenzene	50.000	52.880	-5.8	110	0.00
90	T	Hexachloroethane	50.000	51.903	-3.8	110	0.00
91	T	1,2-Dichlorobenzene	50.000	48.810	2.4	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.139	-4.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.178	-2.4	112	0.00
94	T	Hexachlorobutadiene	50.000	46.478	7.0	107	0.00
95	T	Naphthalene	50.000	55.881	-11.8	111	0.00

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100125

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

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.417	-2.8	109	0.00

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

Raw Data: **VW032322.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG No.: Q3266
Instrument ID: MSVOA_W
Calibration Date/Time: 10/02/2025 10:53
Lab File ID: VW032322.D
Init. Calib. Date(s): 10/01/2025 10/01/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 13:12 15:20
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.314	0.263		-16.24	20
Chloromethane	0.484	0.416	0.1	-14.05	20
Vinyl Chloride	0.578	0.590		2.08	20
Bromomethane	0.425	0.399		-6.12	20
Chloroethane	0.382	0.375		-1.83	20
Trichlorofluoromethane	0.433	0.410		-5.31	20
1,1,2-Trichlorotrifluoroethane	0.519	0.519		0	20
1,1-Dichloroethene	0.564	0.579		2.66	20
Acetone	0.202	0.203		0.5	20
Carbon Disulfide	1.538	1.615		5.01	20
Methyl tert-butyl Ether	1.110	1.122		1.08	20
Methyl Acetate	0.578	0.504		-12.8	20
Methylene Chloride	0.838	0.727		-13.25	20
trans-1,2-Dichloroethene	0.624	0.624		0	20
1,1-Dichloroethane	1.203	1.183	0.1	-1.66	20
Cyclohexane	1.027	0.989		-3.7	20
2-Butanone	0.275	0.264		-4	20
Carbon Tetrachloride	0.430	0.455		5.81	20
cis-1,2-Dichloroethene	0.749	0.743		-0.8	20
Bromochloromethane	0.566	0.539		-4.77	20
Chloroform	1.220	1.209		-0.9	20
1,1,1-Trichloroethane	0.864	0.899		4.05	20
Methylcyclohexane	0.551	0.592		7.44	20
Benzene	1.432	1.427		-0.35	20
1,2-Dichloroethane	0.469	0.460		-1.92	20
Trichloroethene	0.335	0.327		-2.39	20
1,2-Dichloropropane	0.358	0.354		-1.12	20
Bromodichloromethane	0.503	0.515		2.39	20
4-Methyl-2-Pentanone	0.313	0.313		0	20
Toluene	0.892	0.915		2.58	20
t-1,3-Dichloropropene	0.488	0.502		2.87	20
cis-1,3-Dichloropropene	0.562	0.585		4.09	20
1,1,2-Trichloroethane	0.294	0.293		-0.34	20
2-Hexanone	0.220	0.224		1.82	20
Dibromochloromethane	0.334	0.331		-0.9	20
1,2-Dibromoethane	0.287	0.290		1.04	20
Tetrachloroethene	0.299	0.299		0	20
Chlorobenzene	1.100	1.106	0.3	0.46	20

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

Raw Data: **VW032322.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

Instrument ID: MSVOA_W Calibration Date/Time: 10/02/2025 10:53

Lab File ID: VW032322.D Init. Calib. Date(s): 10/01/2025 10/01/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:12 15:20

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.834	1.940		5.78	20
m/p-Xylenes	0.707	0.745		5.38	20
o-Xylene	0.661	0.691		4.54	20
Styrene	1.155	1.222		5.8	20
Bromoform	0.196	0.195	0.1	-0.51	20
Isopropylbenzene	3.421	3.669		7.25	20
1,1,2,2-Tetrachloroethane	0.849	0.836	0.3	-1.53	20
1,3-Dichlorobenzene	1.670	1.642		-1.68	20
1,4-Dichlorobenzene	1.670	1.643		-1.62	20
1,2-Dichlorobenzene	1.509	1.503		-0.4	20
1,2-Dibromo-3-Chloropropane	0.149	0.145		-2.68	20
1,2,4-Trichlorobenzene	0.905	0.923		1.99	20
1,2,3-Trichlorobenzene	0.853	0.891		4.45	20
1,2-Dichloroethane-d4	0.729	0.688		-5.62	20
Dibromofluoromethane	0.324	0.314		-3.09	20
Toluene-d8	1.195	1.202		0.59	20
4-Bromofluorobenzene	0.452	0.441		-2.43	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

10/03/2025
Supervised By :Semsettin Yesilyurt

10/03/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.959	168	303983	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	550095	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.629	117	496155	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	241629	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.319	65	209066	47.153 ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	94.300%	
35) Dibromofluoromethane	7.898	113	172865	48.524 ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	97.040%	
50) Toluene-d8	10.325	98	661183	50.287 ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	100.580%	
62) 4-Bromofluorobenzene	12.617	95	242552	48.807 ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	97.620%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	79871	41.871 ug/l	95
3) Chloromethane	2.253	50	126543	42.993 ug/l	97
4) Vinyl Chloride	2.405	62	179230	51.005 ug/l	93
5) Bromomethane	2.820	94	121357	46.995 ug/l	95
6) Chloroethane	2.966	64	113961	49.122 ug/l	100
7) Trichlorofluoromethane	3.302	101	124514	47.326 ug/l	93
8) Diethyl Ether	3.722	74	111365	48.847 ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	157649	49.957 ug/l	93
10) Methyl Iodide	4.301	142	227880	50.610 ug/l	98
11) Tert butyl alcohol	5.204	59	90176	268.695 ug/l	95
12) 1,1-Dichloroethene	4.070	96	176001	51.373 ug/l	97
13) Acrolein	3.929	56	124133	227.904 ug/l	99
14) Allyl chloride	4.698	41	294731	50.934 ug/l	90
15) Acrylonitrile	5.393	53	288905	243.584 ug/l	98
16) Acetone	4.155	43	307908	250.804 ug/l	99
17) Carbon Disulfide	4.423	76	490993	52.526 ug/l	99
18) Methyl Acetate	4.704	43	153265	43.581 ug/l	98
19) Methyl tert-butyl Ether	5.460	73	341192	50.564 ug/l	97
20) Methylene Chloride	4.948	84	220995	54.902 ug/l	93
21) trans-1,2-Dichloroethene	5.454	96	189747	50.025 ug/l	97
22) Diisopropyl ether	6.338	45	608801	50.588 ug/l	94
23) Vinyl Acetate	6.277	43	2077691	258.478 ug/l	99
24) 1,1-Dichloroethane	6.240	63	359603	49.184 ug/l	98
25) 2-Butanone	7.191	43	401861	240.342 ug/l	99
26) 2,2-Dichloropropane	7.185	77	202030	54.021 ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	225769	49.547 ug/l	94
28) Bromochloromethane	7.526	49	163748	47.603 ug/l	87
29) Tetrahydrofuran	7.551	42	254385	241.927 ug/l	95
30) Chloroform	7.691	83	367490	49.561 ug/l	99
31) Cyclohexane	7.971	56	300667	48.170 ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	273266	52.008 ug/l	100
36) 1,1-Dichloropropene	8.099	75	260514	51.816 ug/l	98
37) Ethyl Acetate	7.270	43	170574	50.971 ug/l	97
38) Carbon Tetrachloride	8.081	117	250420	52.930 ug/l	96
39) Methylcyclohexane	9.343	83	325576	53.686 ug/l	95
40) Benzene	8.337	78	785060	49.816 ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

10/03/2025
Supervised By :Semsettin Yesilyurt

10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	88641	49.150	ug/l		94
42) 1,2-Dichloroethane	8.410	62	253302	49.123	ug/l		99
43) Isopropyl Acetate	8.435	43	303008	51.041	ug/l		99
44) Trichloroethene	9.099	130	180003	48.781	ug/l		95
45) 1,2-Dichloropropane	9.374	63	194753	49.511	ug/l		98
46) Dibromomethane	9.465	93	117887	48.738	ug/l		97
47) Bromodichloromethane	9.648	83	283409	51.228	ug/l		98
48) Methyl methacrylate	9.441	41	145446	50.390	ug/l	#	91
49) 1,4-Dioxane	9.465	88	31952	966.470	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.209	43	861879	250.657	ug/l		100
52) Toluene	10.392	92	503498	51.305	ug/l		98
53) t-1,3-Dichloropropene	10.605	75	276167	51.454	ug/l		96
54) cis-1,3-Dichloropropene	10.075	75	321960	52.076	ug/l		95
55) 1,1,2-Trichloroethane	10.788	97	161062	49.822	ug/l		97
56) Ethyl methacrylate	10.648	69	235930	52.141	ug/l		95
57) 1,3-Dichloropropane	10.934	76	284160	49.768	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	623659	258.981	ug/l		97
59) 2-Hexanone	10.971	43	615946	253.986	ug/l		99
60) Dibromochloromethane	11.129	129	182317	49.668	ug/l		97
61) 1,2-Dibromoethane	11.239	107	159667	50.652	ug/l		100
64) Tetrachloroethene	10.861	164	148353	49.970	ug/l		95
65) Chlorobenzene	11.654	112	548498	50.244	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	175734	51.684	ug/l		98
67) Ethyl Benzene	11.727	91	962613	52.900	ug/l		97
68) m/p-Xylenes	11.837	106	739215	105.349	ug/l		99
69) o-Xylene	12.166	106	342966	52.266	ug/l		99
70) Styrene	12.178	104	606232	52.915	ug/l		98
71) Bromoform	12.349	173	96579	49.554	ug/l	#	100
73) Isopropylbenzene	12.458	105	886623	53.633	ug/l		98
74) N-amyl acetate	12.269	43	279636	53.025	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	202120	49.242	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	150111m	47.209	ug/l		
77) Bromobenzene	12.745	156	199369	50.031	ug/l		89
78) n-propylbenzene	12.800	91	1093992	52.979	ug/l		98
79) 2-Chlorotoluene	12.891	91	644701	51.061	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	741535	51.876	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	67346	53.655	ug/l		91
82) 4-Chlorotoluene	12.989	91	669810	49.898	ug/l		100
83) tert-Butylbenzene	13.202	119	632261	53.908	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	756773	52.065	ug/l		100
85) sec-Butylbenzene	13.379	105	919404	51.296	ug/l		99
86) p-Isopropyltoluene	13.495	119	783843	52.706	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	396852	49.181	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	397095	49.216	ug/l		99
89) n-Butylbenzene	13.818	91	770708	53.077	ug/l		99
90) Hexachloroethane	14.086	117	137562	51.605	ug/l		94
91) 1,2-Dichlorobenzene	13.867	146	363209	49.794	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	35018	48.727	ug/l		92
93) 1,2,4-Trichlorobenzene	15.129	180	223003	50.984	ug/l		98
94) Hexachlorobutadiene	15.226	225	98260	49.136	ug/l		96
95) Naphthalene	15.360	128	555474	52.882	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	215393	52.246	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

10/03/2025
Supervised By :Semsettin Yesilyurt

10/03/2025

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\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

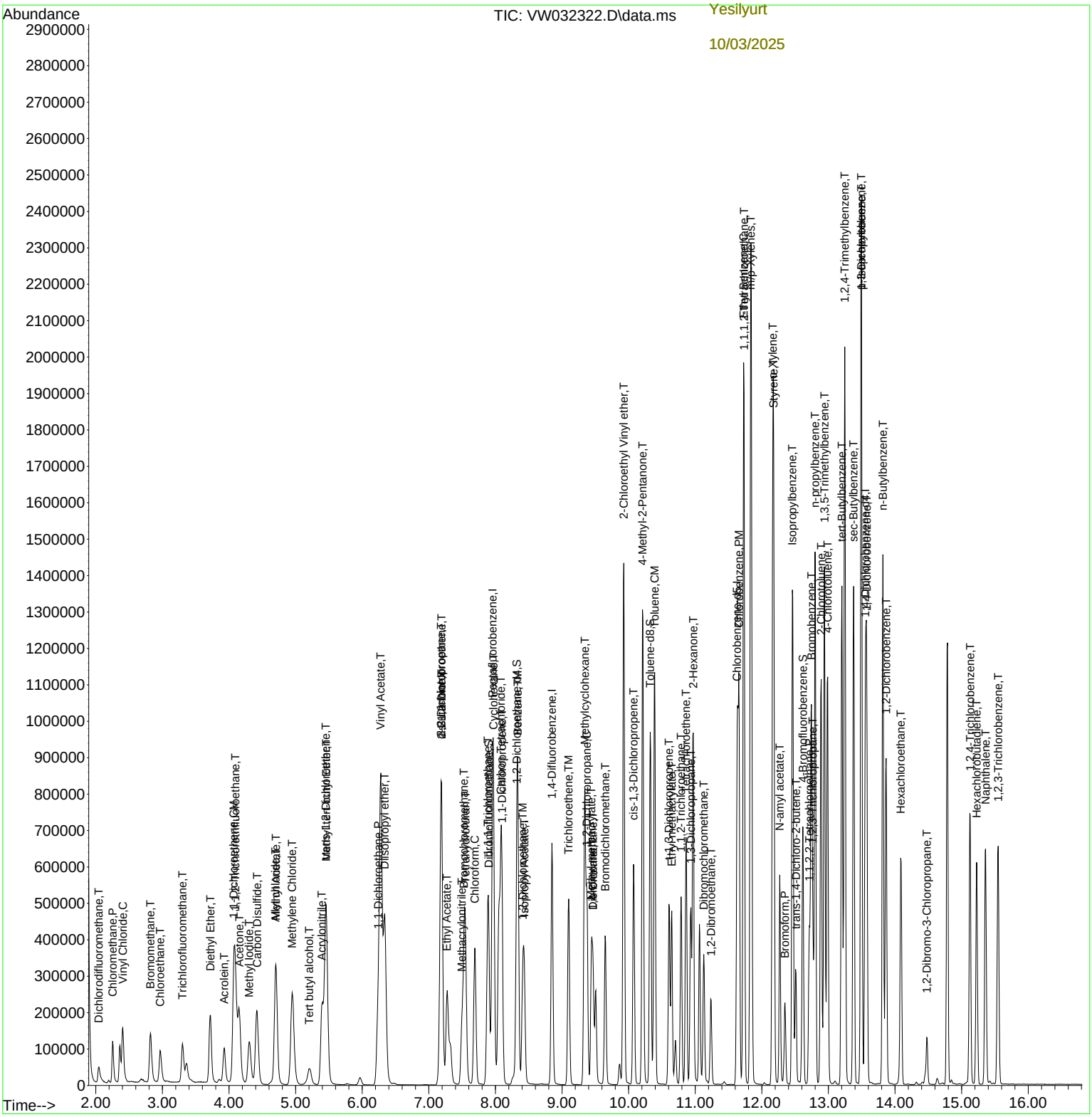
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

10/03/2025
Supervised By :Semsettin Yesilyurt

10/03/2025



Evaluate Continuing Calibration Report

Sample Results: **VW032322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.314	0.263	16.2	105	0.00
3	P	Chloromethane	0.484	0.416	14.0	105	0.00
4	C	Vinyl Chloride	0.578	0.590	-2.1#	117	0.00
5	T	Bromomethane	0.425	0.399	6.1	110	0.00
6	T	Chloroethane	0.382	0.375	1.8	111	0.00
7	T	Trichlorofluoromethane	0.433	0.410	5.3	103	0.00
8	T	Diethyl Ether	0.375	0.366	2.4	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.519	0.519	0.0	117	-0.01
10	T	Methyl Iodide	0.741	0.750	-1.2	114	-0.01
11	T	Tert butyl alcohol	0.055	0.059	-7.3	127	-0.02
12	CM	1,1-Dichloroethene	0.564	0.579	-2.7#	117	0.00
13	T	Acrolein	0.090	0.082	8.9	107	0.00
14	T	Allyl chloride	0.952	0.970	-1.9	112	0.00
15	T	Acrylonitrile	0.195	0.190	2.6	107	-0.01
16	T	Acetone	0.202	0.203	-0.5	116	0.00
17	T	Carbon Disulfide	1.538	1.615	-5.0	118	0.00
18	T	Methyl Acetate	0.578	0.504	12.8	85	0.00
19	T	Methyl tert-butyl Ether	1.110	1.122	-1.1	110	0.00
20	T	Methylene Chloride	0.838	0.727	13.2	121	-0.01
21	T	trans-1,2-Dichloroethene	0.624	0.624	0.0	112	0.00
22	T	Diisopropyl ether	1.979	2.003	-1.2	111	0.00
23	T	Vinyl Acetate	1.322	1.367	-3.4	114	0.00
24	P	1,1-Dichloroethane	1.203	1.183	1.7	110	0.00
25	T	2-Butanone	0.275	0.264	4.0	106	0.00
26	T	2,2-Dichloropropane	0.615	0.665	-8.1	121	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.743	0.8	109	0.00
28	T	Bromochloromethane	0.566	0.539	4.8	103	0.00
29	T	Tetrahydrofuran	0.173	0.167	3.5	103	0.00
30	C	Chloroform	1.220	1.209	0.9#	111	0.00
31	T	Cyclohexane	1.027	0.989	3.7	114	0.00
32	T	1,1,1-Trichloroethane	0.864	0.899	-4.1	116	0.00
33	S	1,2-Dichloroethane-d4	0.729	0.688	5.6	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.324	0.314	3.1	107	0.00
36	T	1,1-Dichloropropene	0.457	0.474	-3.7	112	0.00
37	T	Ethyl Acetate	0.304	0.310	-2.0	111	0.00
38	T	Carbon Tetrachloride	0.430	0.455	-5.8	117	0.00
39	T	Methylcyclohexane	0.551	0.592	-7.4	118	0.00
40	TM	Benzene	1.432	1.427	0.3	110	0.00
41	T	Methacrylonitrile	0.164	0.161	1.8	102	0.00
42	TM	1,2-Dichloroethane	0.469	0.460	1.9	108	0.00
43	T	Isopropyl Acetate	0.540	0.551	-2.0	110	0.00
44	TM	Trichloroethene	0.335	0.327	2.4	109	0.00
45	C	1,2-Dichloropropane	0.358	0.354	1.1#	108	0.00
46	T	Dibromomethane	0.220	0.214	2.7	105	0.00
47	T	Bromodichloromethane	0.503	0.515	-2.4	111	0.00
48	T	Methyl methacrylate	0.262	0.264	-0.8	106	0.00

Sample Results: **VW032322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	98	0.00
50	S	Toluene-d8	1.195	1.202	-0.6	104	0.00
51	T	4-Methyl-2-Pentanone	0.313	0.313	0.0	104	0.00
52	CM	Toluene	0.892	0.915	-2.6#	111	0.00
53	T	t-1,3-Dichloropropene	0.488	0.502	-2.9	109	0.00
54	T	cis-1,3-Dichloropropene	0.562	0.585	-4.1	112	0.00
55	T	1,1,2-Trichloroethane	0.294	0.293	0.3	108	0.00
56	T	Ethyl methacrylate	0.411	0.429	-4.4	109	0.00
57	T	1,3-Dichloropropane	0.519	0.517	0.4	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.219	0.227	-3.7	97	0.00
59	T	2-Hexanone	0.220	0.224	-1.8	106	0.00
60	T	Dibromochloromethane	0.334	0.331	0.9	105	0.00
61	T	1,2-Dibromoethane	0.287	0.290	-1.0	109	0.00
62	S	4-Bromofluorobenzene	0.452	0.441	2.4	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.299	0.299	0.0	109	0.00
65	PM	Chlorobenzene	1.100	1.105	-0.5	109	0.00
66	T	1,1,1,2-Tetrachloroethane	0.343	0.354	-3.2	113	0.00
67	C	Ethyl Benzene	1.834	1.940	-5.8#	113	0.00
68	T	m/p-Xylenes	0.707	0.745	-5.4	113	0.00
69	T	o-Xylene	0.661	0.691	-4.5	110	0.00
70	T	Styrene	1.155	1.222	-5.8	110	0.00
71	P	Bromoform	0.196	0.195	0.5	105	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.421	3.669	-7.2	114	0.00
74	T	N-amyl acetate	1.091	1.157	-6.0	112	0.00
75	P	1,1,2,2-Tetrachloroethane	0.849	0.836	1.5	107	0.00
76	T	1,2,3-Trichloropropane	0.658	0.621	5.6	106	0.00
77	T	Bromobenzene	0.825	0.825	0.0	104	0.00
78	T	n-propylbenzene	4.273	4.528	-6.0	114	0.00
79	T	2-Chlorotoluene	2.613	2.668	-2.1	109	0.00
80	T	1,3,5-Trimethylbenzene	2.958	3.069	-3.8	109	0.00
81	T	trans-1,4-Dichloro-2-butene	0.260	0.279	-7.3	107	0.00
82	T	4-Chlorotoluene	2.778	2.772	0.2	108	0.00
83	T	tert-Butylbenzene	2.427	2.617	-7.8	114	0.00
84	T	1,2,4-Trimethylbenzene	3.008	3.132	-4.1	109	0.00
85	T	sec-Butylbenzene	3.709	3.805	-2.6	110	0.00
86	T	p-Isopropyltoluene	3.077	3.244	-5.4	111	0.00
87	T	1,3-Dichlorobenzene	1.670	1.642	1.7	106	0.00
88	T	1,4-Dichlorobenzene	1.670	1.643	1.6	109	0.00
89	T	n-Butylbenzene	3.005	3.190	-6.2	114	0.00
90	T	Hexachloroethane	0.552	0.569	-3.1	113	0.00
91	T	1,2-Dichlorobenzene	1.509	1.503	0.4	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.149	0.145	2.7	102	0.00
93	T	1,2,4-Trichlorobenzene	0.905	0.923	-2.0	114	0.00
94	T	Hexachlorobutadiene	0.414	0.407	1.7	116	0.00
95	T	Naphthalene	2.174	2.299	-5.7	108	0.00

Sample Results: **VW032322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.891	-4.5	113	0.00

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

Sample Results: **VW032322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	50.000	41.871	16.3	105	0.00
3	P	Chloromethane	50.000	42.993	14.0	105	0.00
4	C	Vinyl Chloride	50.000	51.005	-2.0#	117	0.00
5	T	Bromomethane	50.000	46.995	6.0	110	0.00
6	T	Chloroethane	50.000	49.122	1.8	111	0.00
7	T	Trichlorofluoromethane	50.000	47.326	5.3	103	0.00
8	T	Diethyl Ether	50.000	48.847	2.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.957	0.1	117	-0.01
10	T	Methyl Iodide	50.000	50.610	-1.2	114	-0.01
11	T	Tert butyl alcohol	250.000	268.695	-7.5	127	-0.02
12	CM	1,1-Dichloroethene	50.000	51.373	-2.7#	117	0.00
13	T	Acrolein	250.000	227.904	8.8	107	0.00
14	T	Allyl chloride	50.000	50.934	-1.9	112	0.00
15	T	Acrylonitrile	250.000	243.584	2.6	107	-0.01
16	T	Acetone	250.000	250.804	-0.3	116	0.00
17	T	Carbon Disulfide	50.000	52.526	-5.1	118	0.00
18	T	Methyl Acetate	50.000	43.581	12.8	85	0.00
19	T	Methyl tert-butyl Ether	50.000	50.564	-1.1	110	0.00
20	T	Methylene Chloride	50.000	54.902	-9.8	121	-0.01
21	T	trans-1,2-Dichloroethene	50.000	50.025	-0.0	112	0.00
22	T	Diisopropyl ether	50.000	50.588	-1.2	111	0.00
23	T	Vinyl Acetate	250.000	258.478	-3.4	114	0.00
24	P	1,1-Dichloroethane	50.000	49.184	1.6	110	0.00
25	T	2-Butanone	250.000	240.342	3.9	106	0.00
26	T	2,2-Dichloropropane	50.000	54.021	-8.0	121	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.547	0.9	109	0.00
28	T	Bromochloromethane	50.000	47.603	4.8	103	0.00
29	T	Tetrahydrofuran	250.000	241.927	3.2	103	0.00
30	C	Chloroform	50.000	49.561	0.9#	111	0.00
31	T	Cyclohexane	50.000	48.170	3.7	114	0.00
32	T	1,1,1-Trichloroethane	50.000	52.008	-4.0	116	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.153	5.7	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	48.524	3.0	107	0.00
36	T	1,1-Dichloropropene	50.000	51.816	-3.6	112	0.00
37	T	Ethyl Acetate	50.000	50.971	-1.9	111	0.00
38	T	Carbon Tetrachloride	50.000	52.930	-5.9	117	0.00
39	T	Methylcyclohexane	50.000	53.686	-7.4	118	0.00
40	TM	Benzene	50.000	49.816	0.4	110	0.00
41	T	Methacrylonitrile	50.000	49.150	1.7	102	0.00
42	TM	1,2-Dichloroethane	50.000	49.123	1.8	108	0.00
43	T	Isopropyl Acetate	50.000	51.041	-2.1	110	0.00
44	TM	Trichloroethene	50.000	48.781	2.4	109	0.00
45	C	1,2-Dichloropropane	50.000	49.511	1.0#	108	0.00
46	T	Dibromomethane	50.000	48.738	2.5	105	0.00
47	T	Bromodichloromethane	50.000	51.228	-2.5	111	0.00
48	T	Methyl methacrylate	50.000	50.390	-0.8	106	0.00

Sample Results: **VW032322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	966.470	3.4	98	0.00
50	S	Toluene-d8	50.000	50.287	-0.6	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.657	-0.3	104	0.00
52	CM	Toluene	50.000	51.305	-2.6#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	51.454	-2.9	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.076	-4.2	112	0.00
55	T	1,1,2-Trichloroethane	50.000	49.822	0.4	108	0.00
56	T	Ethyl methacrylate	50.000	52.141	-4.3	109	0.00
57	T	1,3-Dichloropropane	50.000	49.768	0.5	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.981	-3.6	97	0.00
59	T	2-Hexanone	250.000	253.986	-1.6	106	0.00
60	T	Dibromochloromethane	50.000	49.668	0.7	105	0.00
61	T	1,2-Dibromoethane	50.000	50.652	-1.3	109	0.00
62	S	4-Bromofluorobenzene	50.000	48.807	2.4	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	49.970	0.1	109	0.00
65	PM	Chlorobenzene	50.000	50.244	-0.5	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.684	-3.4	113	0.00
67	C	Ethyl Benzene	50.000	52.900	-5.8#	113	0.00
68	T	m/p-Xylenes	100.000	105.349	-5.3	113	0.00
69	T	o-Xylene	50.000	52.266	-4.5	110	0.00
70	T	Styrene	50.000	52.915	-5.8	110	0.00
71	P	Bromoform	50.000	49.554	0.9	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	53.633	-7.3	114	0.00
74	T	N-amyl acetate	50.000	53.025	-6.0	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.242	1.5	107	0.00
76	T	1,2,3-Trichloropropane	50.000	47.209	5.6	106	0.00
77	T	Bromobenzene	50.000	50.031	-0.1	104	0.00
78	T	n-propylbenzene	50.000	52.979	-6.0	114	0.00
79	T	2-Chlorotoluene	50.000	51.061	-2.1	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.876	-3.8	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.655	-7.3	107	0.00
82	T	4-Chlorotoluene	50.000	49.898	0.2	108	0.00
83	T	tert-Butylbenzene	50.000	53.908	-7.8	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.065	-4.1	109	0.00
85	T	sec-Butylbenzene	50.000	51.296	-2.6	110	0.00
86	T	p-Isopropyltoluene	50.000	52.706	-5.4	111	0.00
87	T	1,3-Dichlorobenzene	50.000	49.181	1.6	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.216	1.6	109	0.00
89	T	n-Butylbenzene	50.000	53.077	-6.2	114	0.00
90	T	Hexachloroethane	50.000	51.605	-3.2	113	0.00
91	T	1,2-Dichlorobenzene	50.000	49.794	0.4	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.727	2.5	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.984	-2.0	114	0.00
94	T	Hexachlorobutadiene	50.000	49.136	1.7	116	0.00
95	T	Naphthalene	50.000	52.882	-5.8	108	0.00

Sample Results: **VW032322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032322.D
Acq On : 02 Oct 2025 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.246	-4.5	113	0.00

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

QC SAMPLE DATA

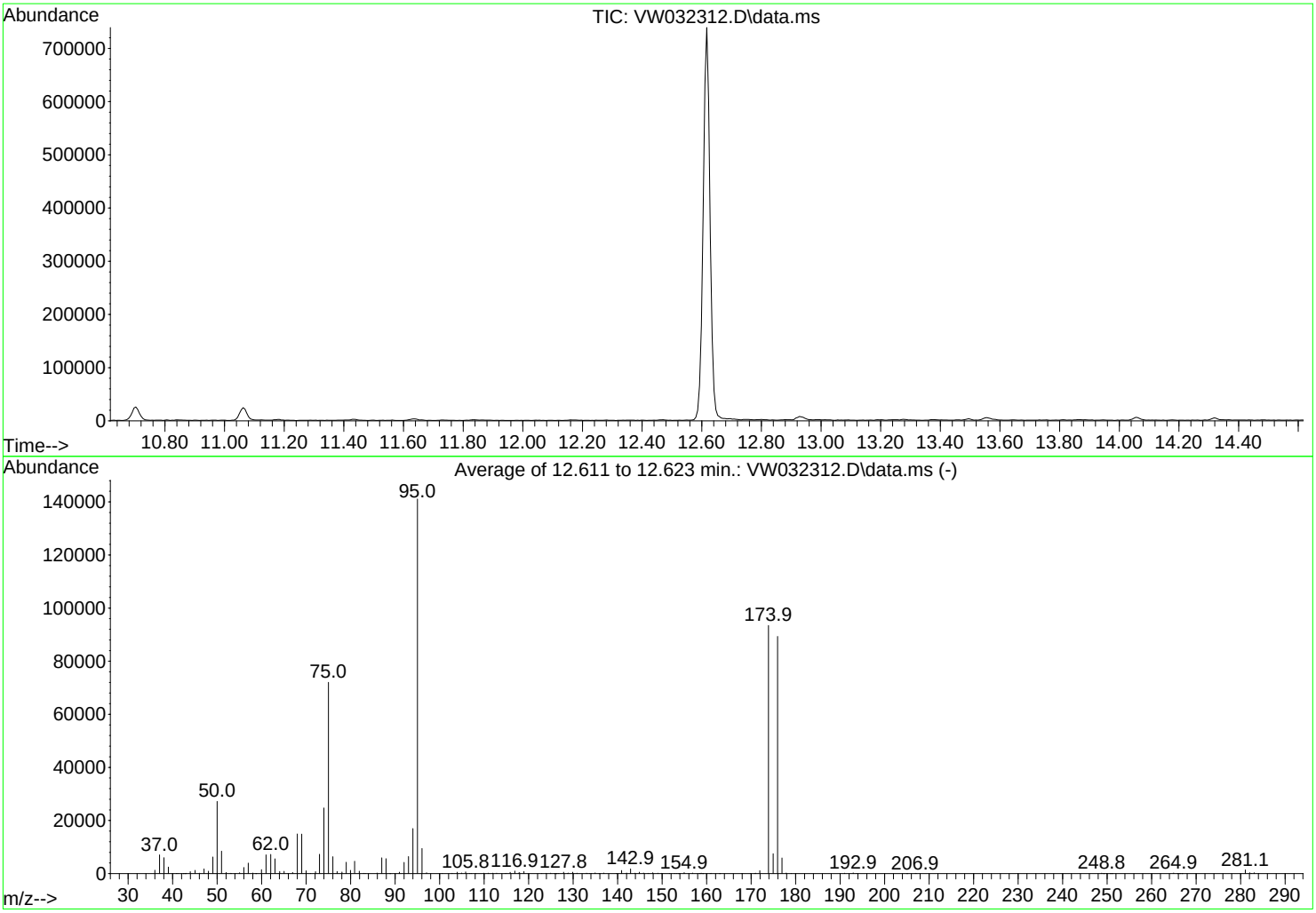
Sample Results: **VW032312.D**

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

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260
Last Update : Thu Oct 02 21:24:16 2025



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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	27221	PASS
75	95	30	60	51.1	72061	PASS
95	95	100	100	100.0	141091	PASS
96	95	5	9	6.7	9491	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.2	93424	PASS
175	174	5	9	8.0	7516	PASS
176	174	95	101	95.6	89325	PASS
177	176	5	9	6.6	5907	PASS

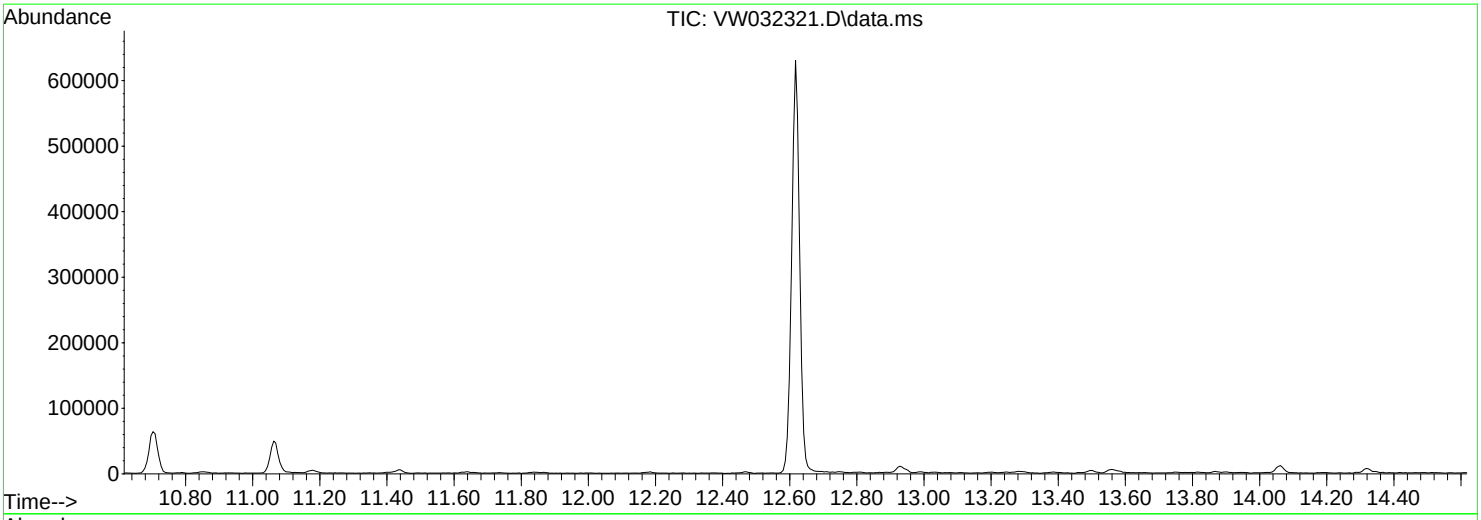
Sample Results: **VW032321.D**

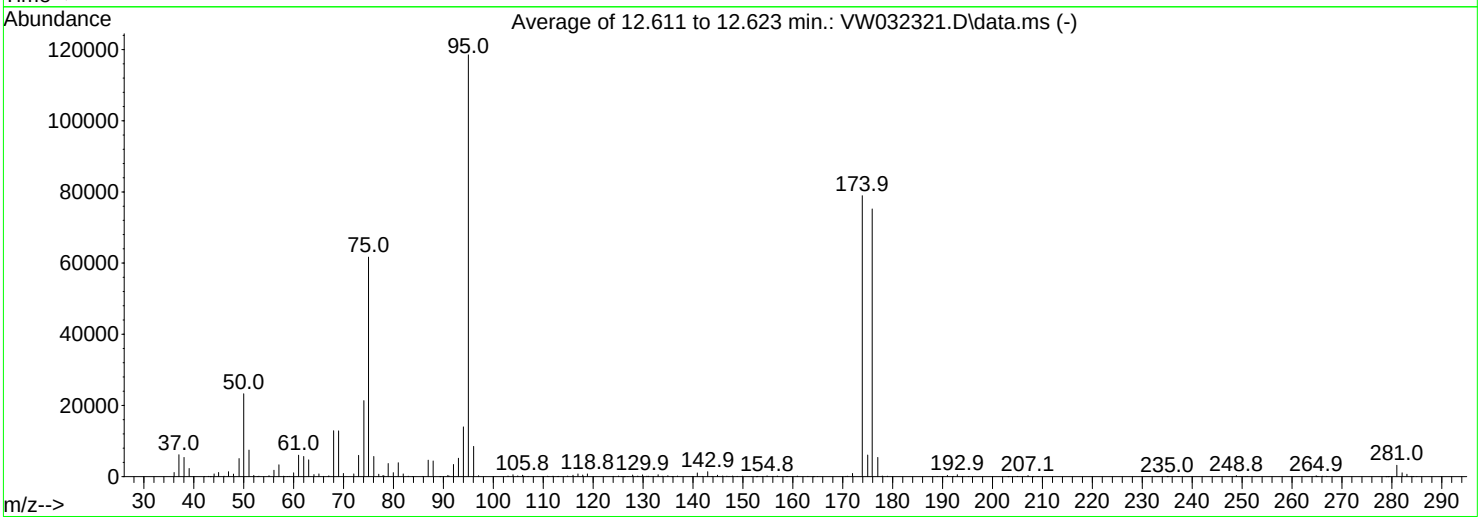
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032321.D
Acq On : 02 Oct 2025 09:19
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260
Last Update : Thu Oct 02 21:24:16 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	19.7	23304	PASS
75	95	30	60	52.1	61706	PASS
95	95	100	100	100.0	118515	PASS
96	95	5	9	7.2	8499	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.6	78939	PASS
175	174	5	9	7.7	6079	PASS
176	174	95	101	95.3	75219	PASS
177	176	5	9	7.2	5404	PASS

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.9		63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	53.3		74 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	201000	7.965			
540-36-3	1,4-Difluorobenzene	434000	8.849			
3114-55-4	Chlorobenzene-d5	451000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VW032323.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000110-54-3	n-Hexane	5.10	J		5.97	ug/Kg
001066-40-6	Silanol, trimethyl-	15.4	J		7.17	ug/Kg
1000216-85-5	1-Pentamethyldisilyloxytetradecane	12.5	J		8.26	ug/Kg
000541-05-9	Cyclotrisiloxane, hexamethyl-	10.6	J		10.7	ug/Kg

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

Quant Time: Oct 02 21:33:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	200843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	433970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	450698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	204423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	175563	59.931	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 119.860%			
35) Dibromofluoromethane	7.898	113	148013	52.666	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.340%			
50) Toluene-d8	10.325	98	553065	53.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.617	95	199049	50.771	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.540%			

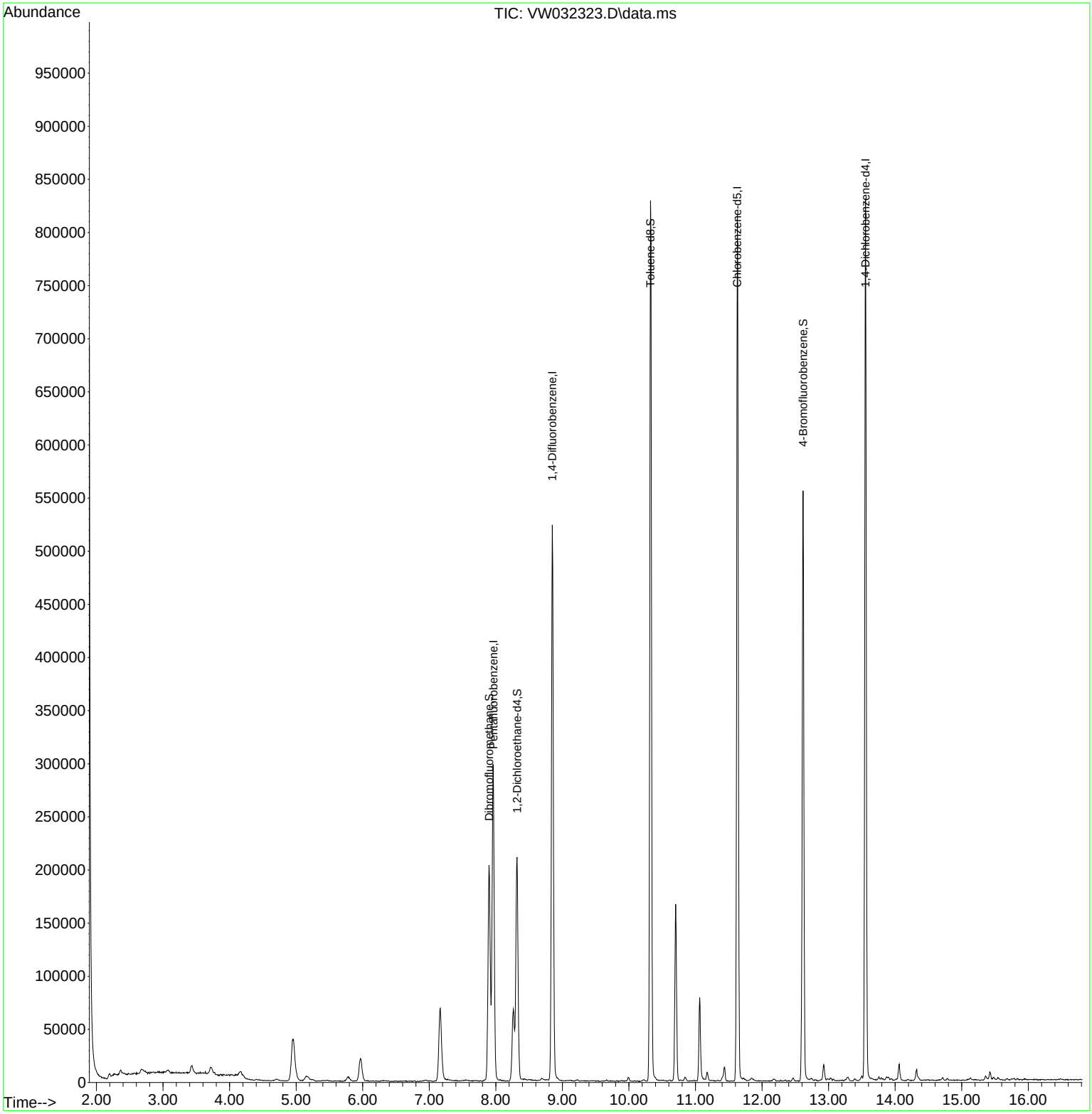
Target Compounds	Qvalue

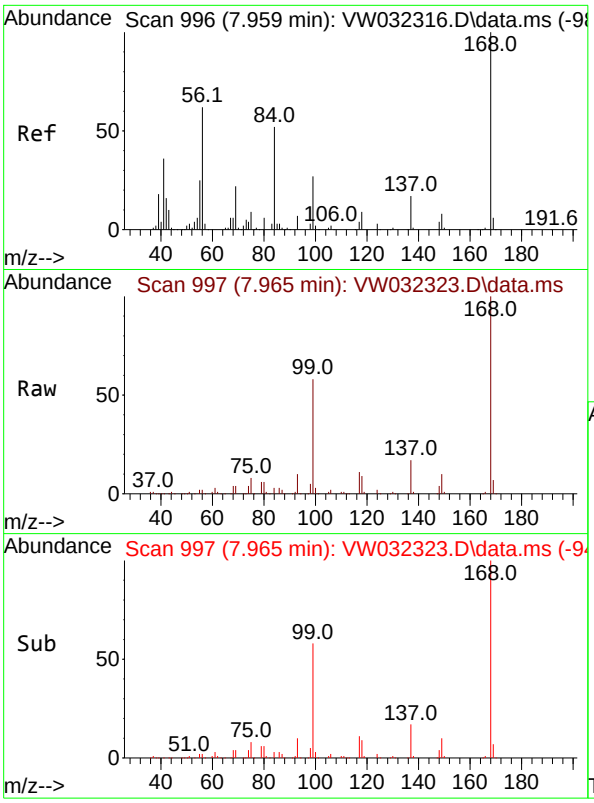
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

Quant Time: Oct 02 21:33:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration



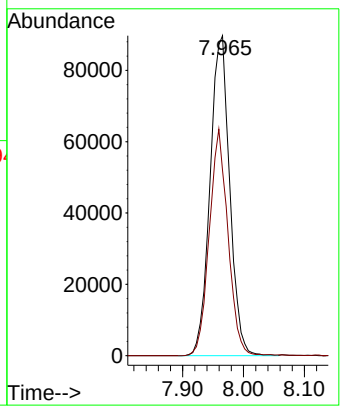


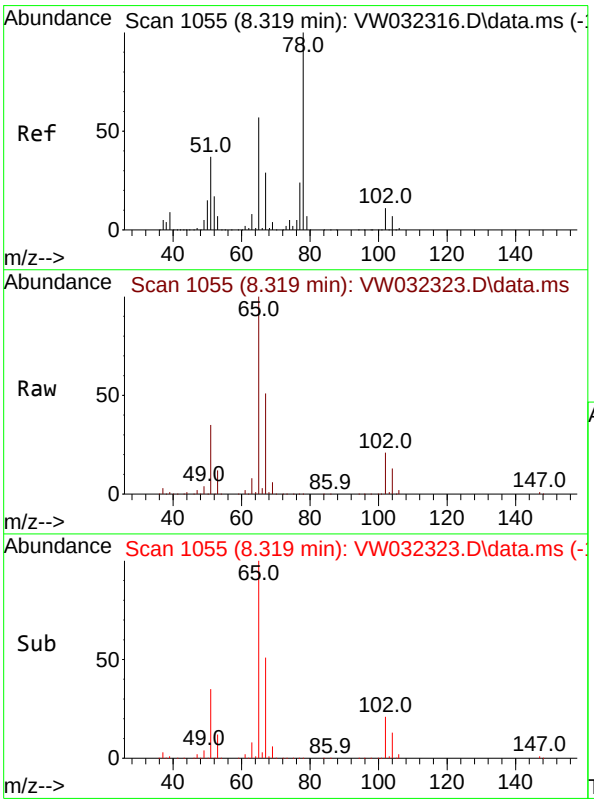
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

Tgt Ion:168 Resp: 200843

Ion	Ratio	Lower	Upper
168	100		
99	57.9	49.3	73.9

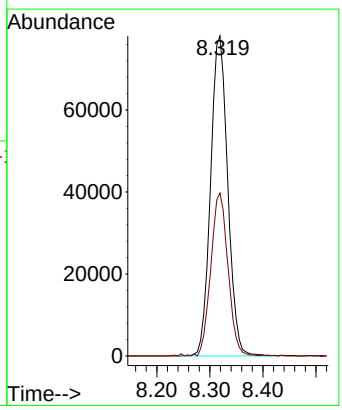


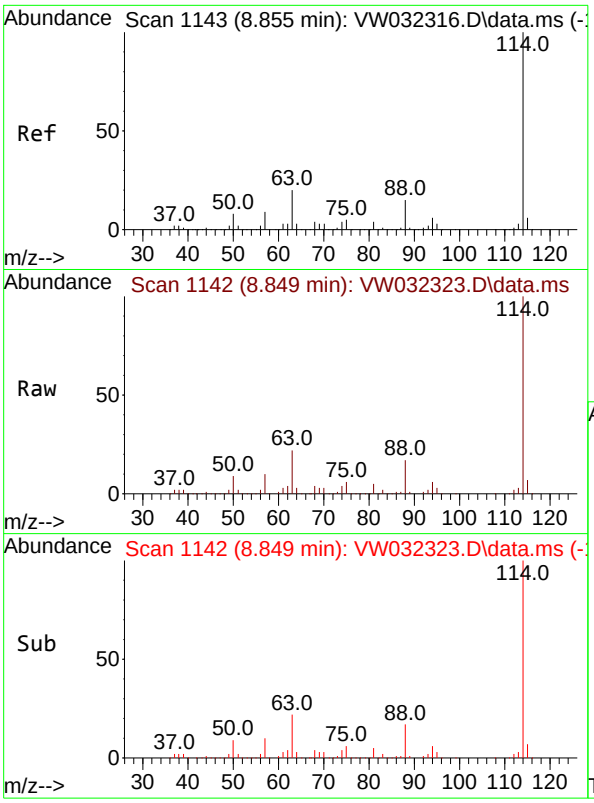


#33
1,2-Dichloroethane-d4
Concen: 59.931 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion: 65 Resp: 175563

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.6



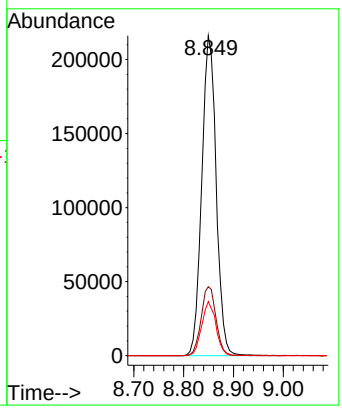


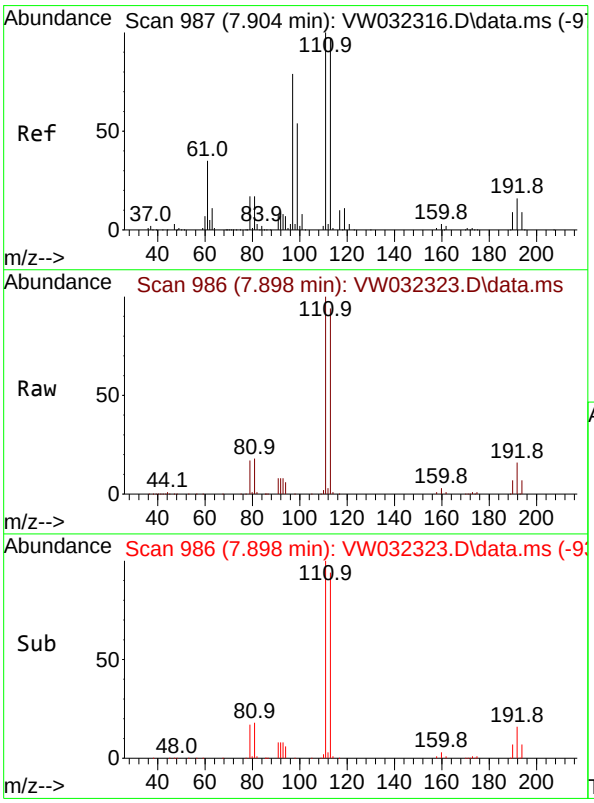
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

Tgt Ion:114 Resp: 433970

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.4
88	16.9	0.0	32.0

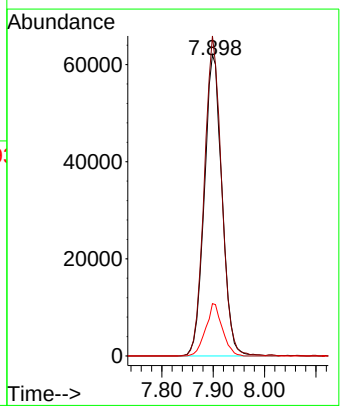


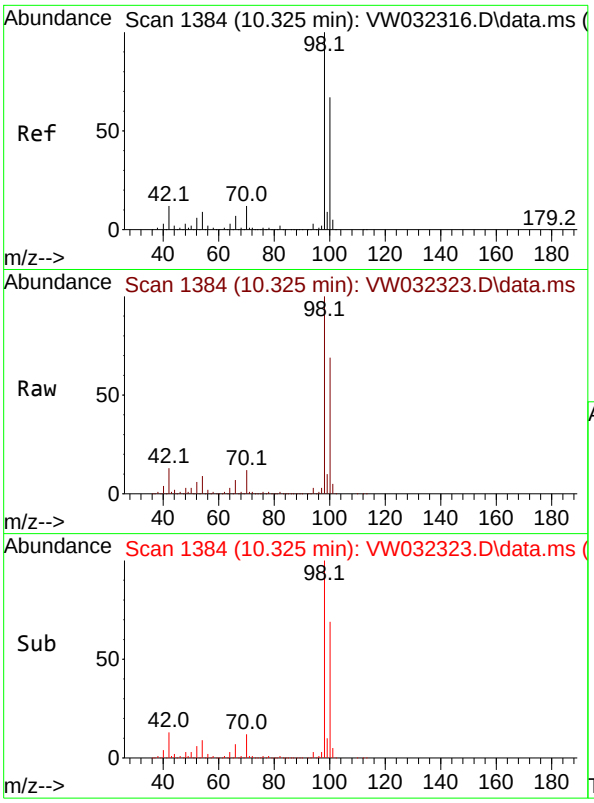


#35
Dibromofluoromethane
Concen: 52.666 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion:113 Resp: 148013

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.9	125.9
192	16.4	14.6	21.8



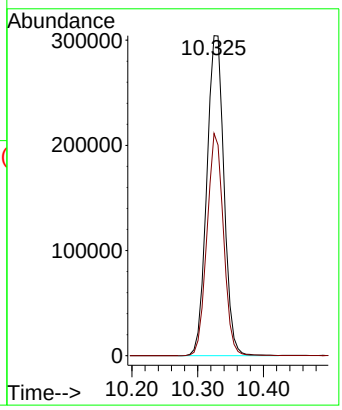


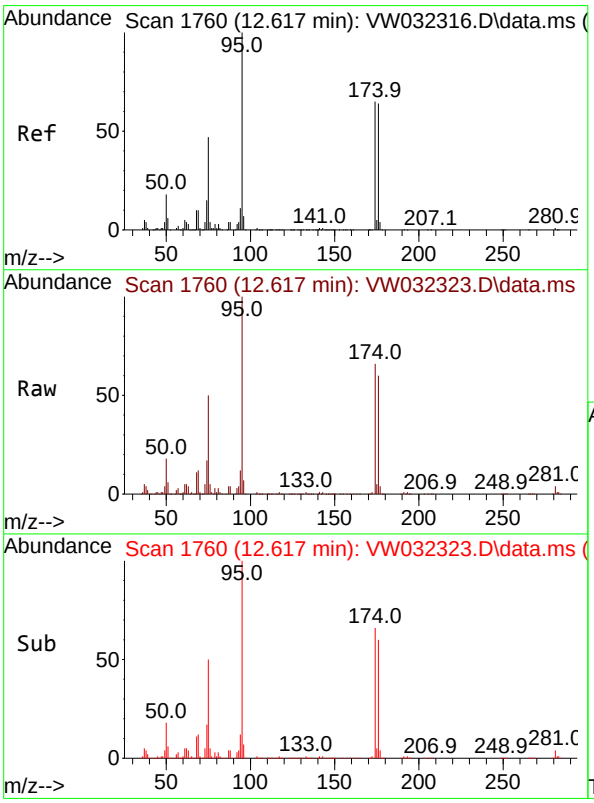
#50
Toluene-d8
Concen: 53.319 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

Tgt Ion: 98 Resp: 553065

Ion	Ratio	Lower	Upper
98	100		
100	66.8	51.4	77.2

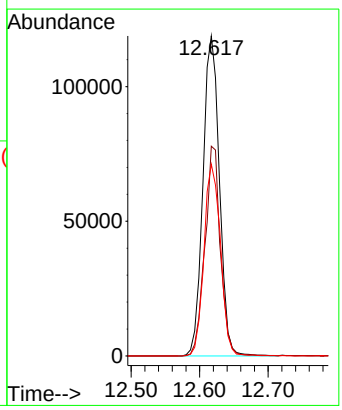


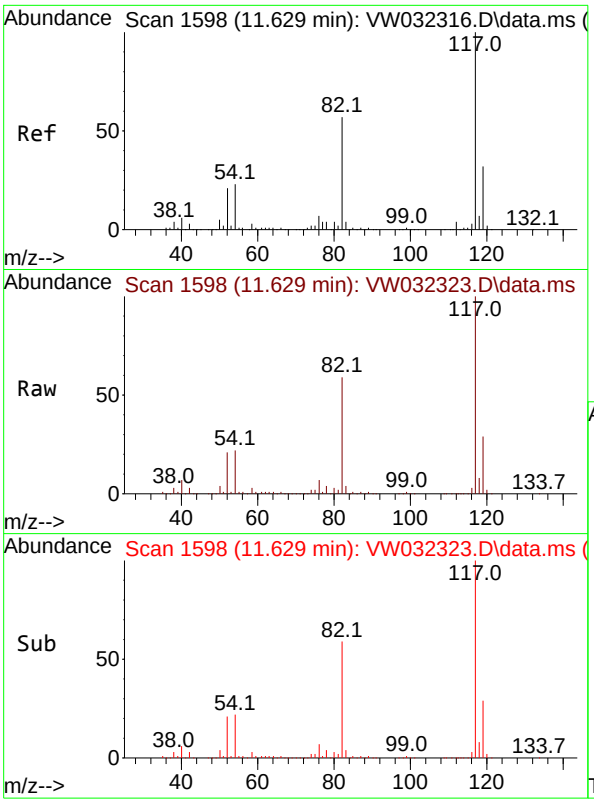


#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion: 95 Resp: 199049

Ion	Ratio	Lower	Upper
95	100		
174	62.2	0.0	145.6
176	60.2	0.0	140.8



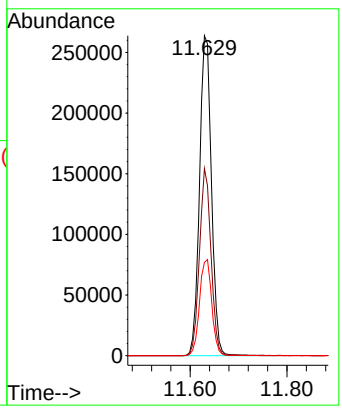


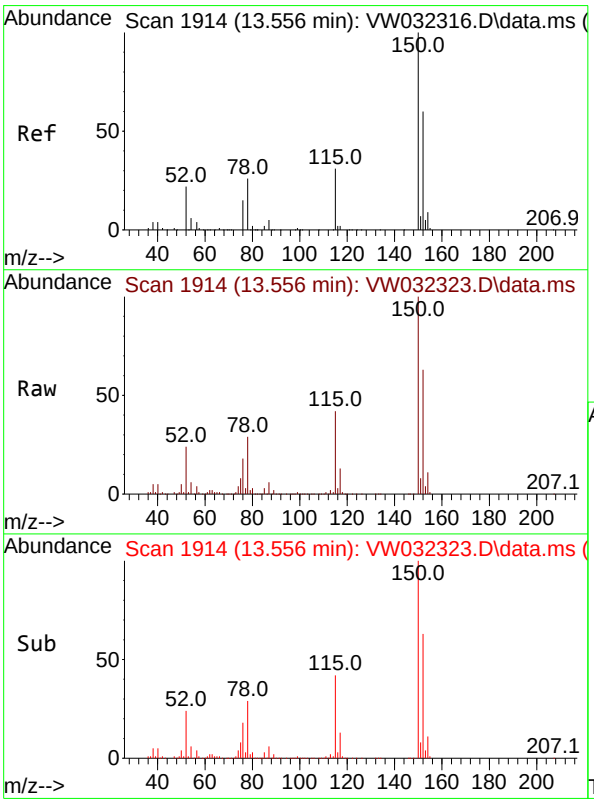
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

Tgt Ion:117 Resp: 450698

Ion	Ratio	Lower	Upper
117	100		
82	58.5	42.7	64.1
119	29.1	25.2	37.8

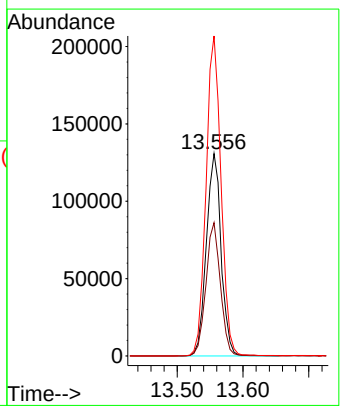




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion:152 Resp: 204423

Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.8	95.4
150	160.3	0.0	343.0



Sample Results: **VW032323.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

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

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

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

Signal : TIC: VW032323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.436	248	254	262	rVB2	6772	16499	1.10%	0.184%
2	4.948	488	502	521	rBV3	39098	153206	10.26%	1.707%
3	5.966	658	669	680	rBV3	21142	66370	4.44%	0.739%
4	7.167	854	866	877	rBV	68364	200408	13.42%	2.233%
5	7.898	976	986	991	rBV	202012	481169	32.22%	5.361%
6	7.959	991	996	1011	rVB2	297335	648919	43.45%	7.230%
7	8.264	1035	1046	1049	rBV2	67742	161854	10.84%	1.803%
8	8.319	1049	1055	1066	rVB	209283	483714	32.39%	5.389%
9	8.849	1133	1142	1161	rVB	522798	1058331	70.87%	11.791%
10	10.325	1375	1384	1399	rBV	828762	1493434	100.00%	16.638%
11	10.703	1437	1446	1455	rBV	166258	296788	19.87%	3.306%
12	11.062	1499	1505	1514	rBV	78808	138421	9.27%	1.542%
13	11.434	1555	1566	1572	rBV3	13197	27903	1.87%	0.311%
14	11.629	1589	1598	1610	rBV	815898	1394058	93.35%	15.531%
15	12.617	1751	1760	1773	rBV	555475	966994	64.75%	10.773%
16	12.928	1804	1811	1817	rBV2	14554	25880	1.73%	0.288%
17	13.556	1907	1914	1926	rVB	828462	1313337	87.94%	14.632%
18	14.062	1992	1997	2008	rVB2	15164	26252	1.76%	0.292%
19	14.324	2031	2040	2050	rBV3	10539	22372	1.50%	0.249%

Sum of corrected areas: 8975909

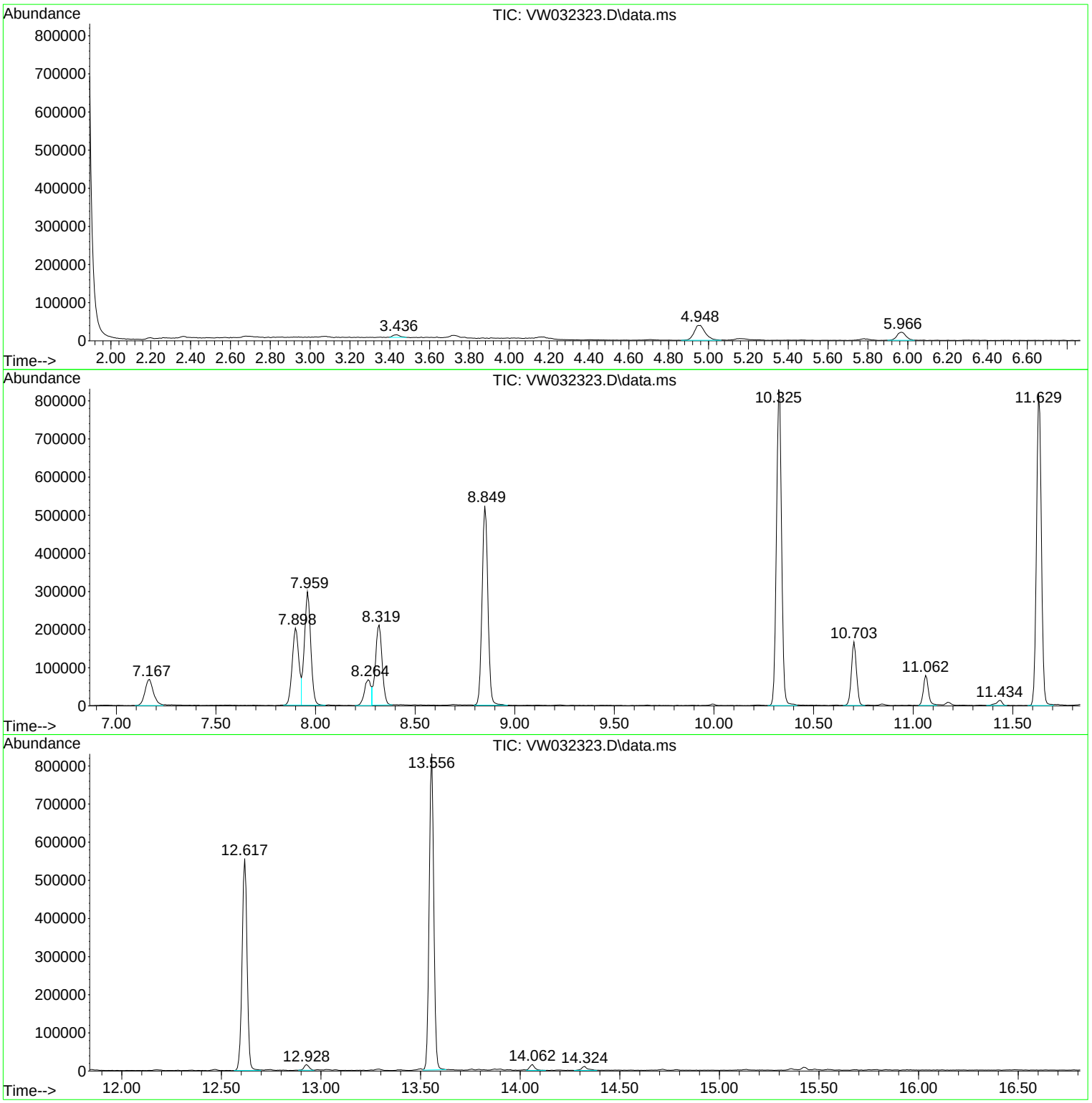
Sample Results: **VW032323.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

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

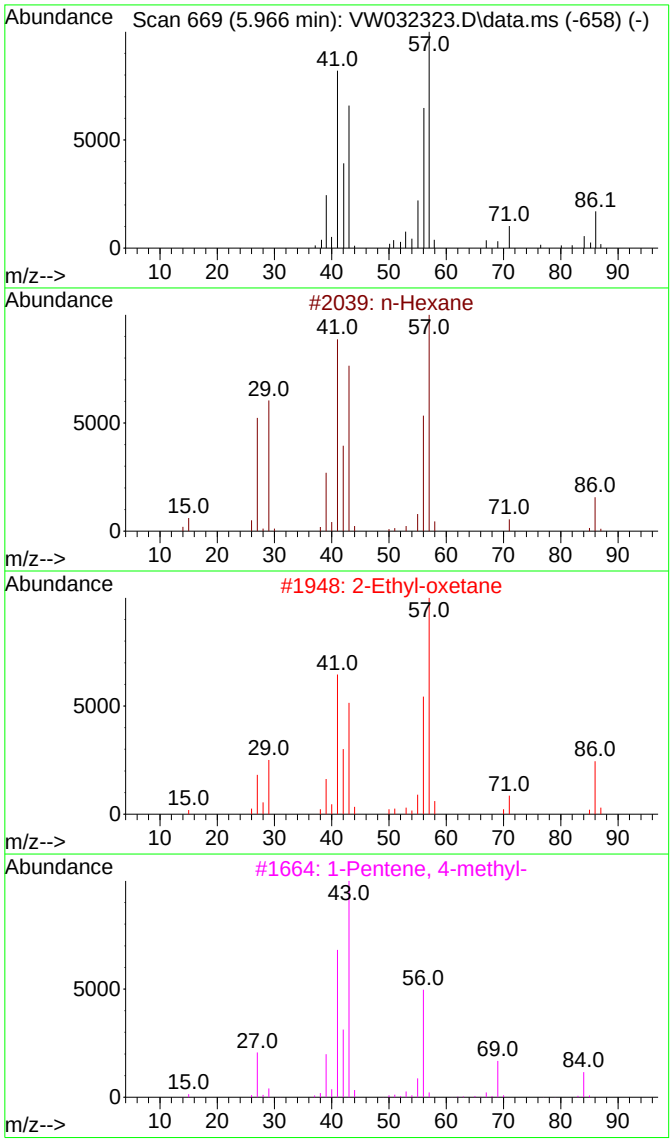
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

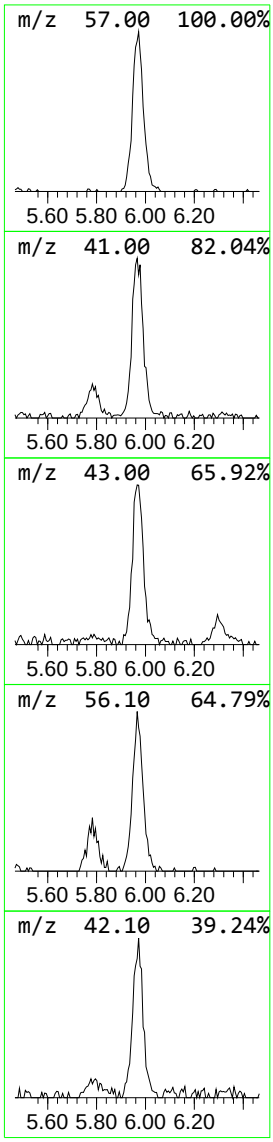
****

Peak Number 2 n-Hexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.966	5.11 ug/l	66370	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	83
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42
4	5,5-Dimethyl-1,3-dioxan-2-one	130	C6H10O3	003592-12-9	37
5	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

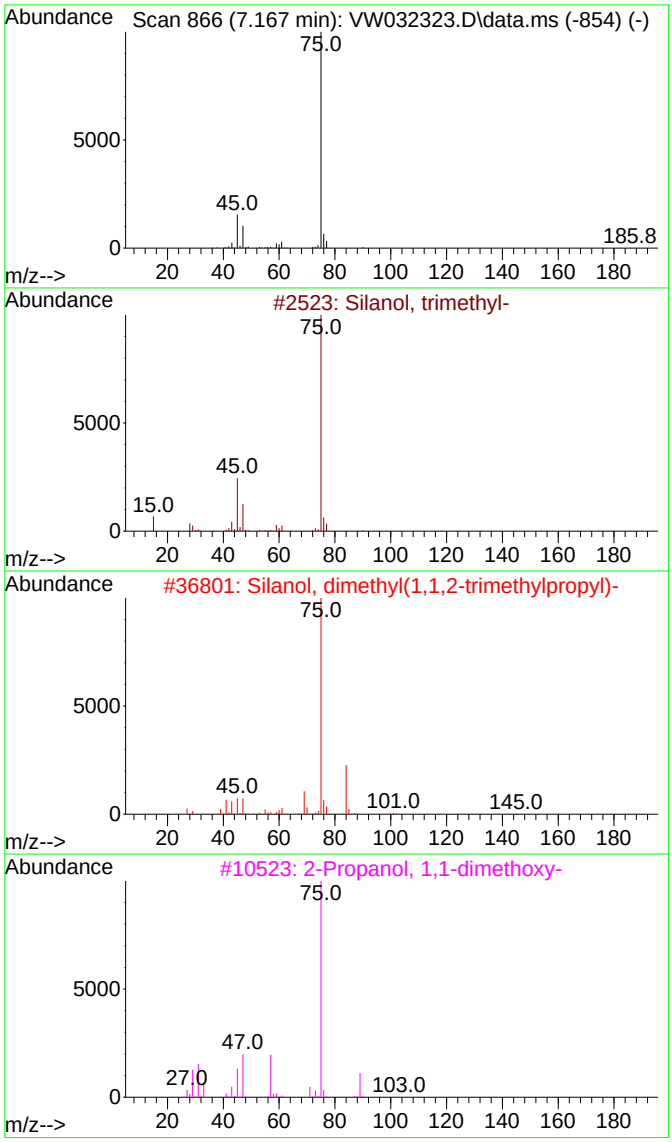
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

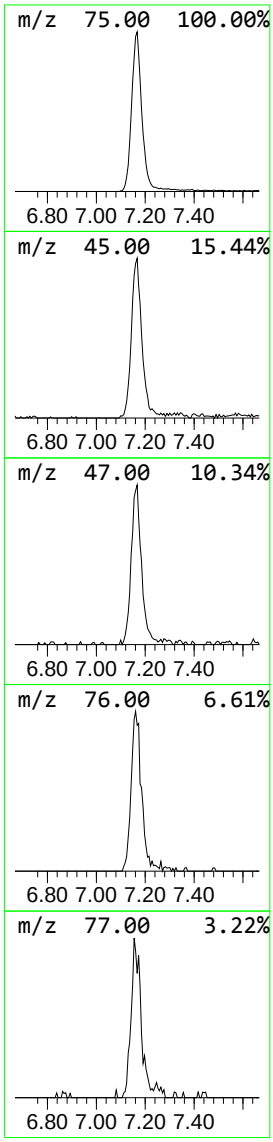
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.167	15.44 ug/l	200408	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	90
2	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	43
3	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
4	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	40
5	Ethanethioamide	75	C2H5NS	000062-55-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

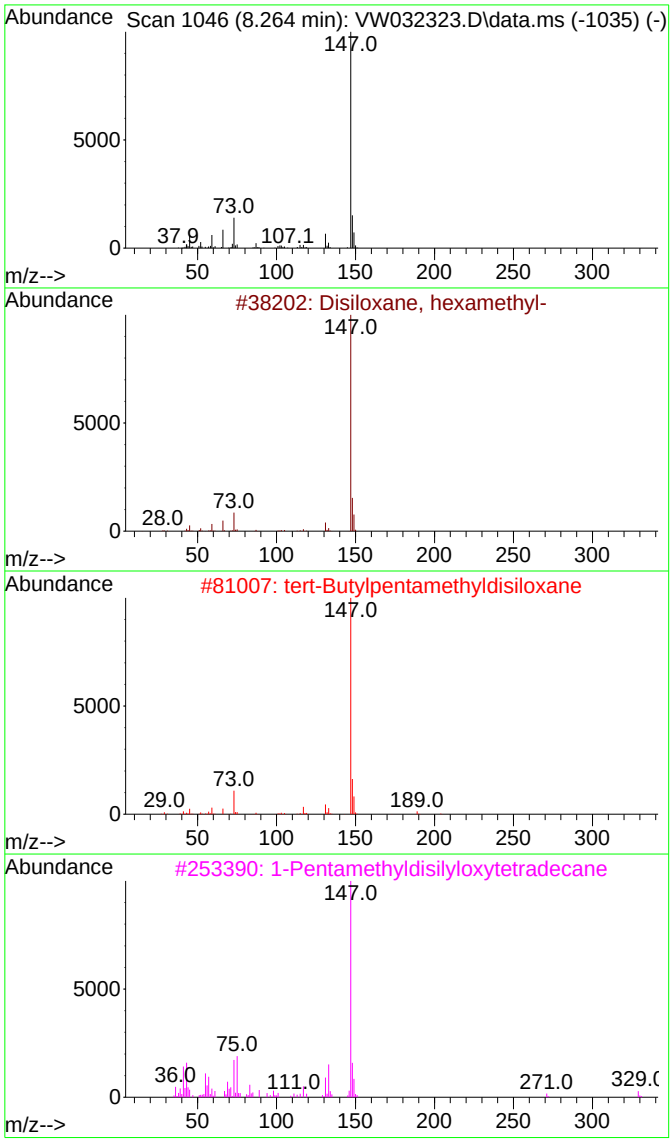
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

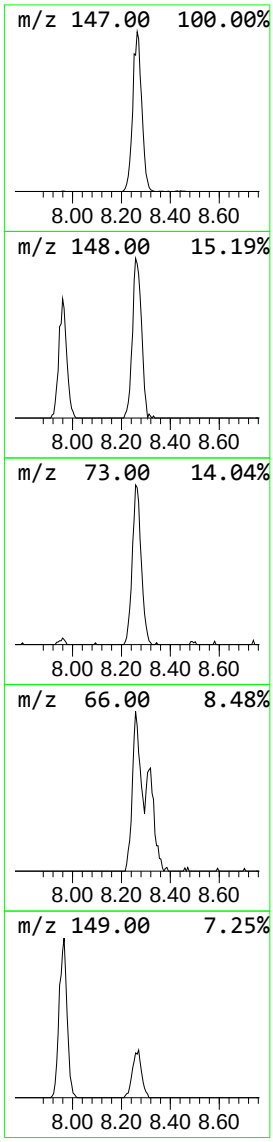
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Pentamethyldisilyloxytetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.264	12.47 ug/l	161854	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, hexamethyl-	162	C6H18OSi2	000107-46-0	90
2	tert-Butylpentamethyldisiloxane	204	C9H24OSi2	067875-54-1	83
3	1-Pentamethyldisilyloxytetradecane	344	C19H44OSi2	1000216-85-5	64
4	1,13-Bis(trimethlysilyloxy)tride...	360	C19H44O2Si2	1000196-23-0	56
5	1-Pentamethyldisilyloxydodecane	316	C17H40OSi2	1000216-85-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

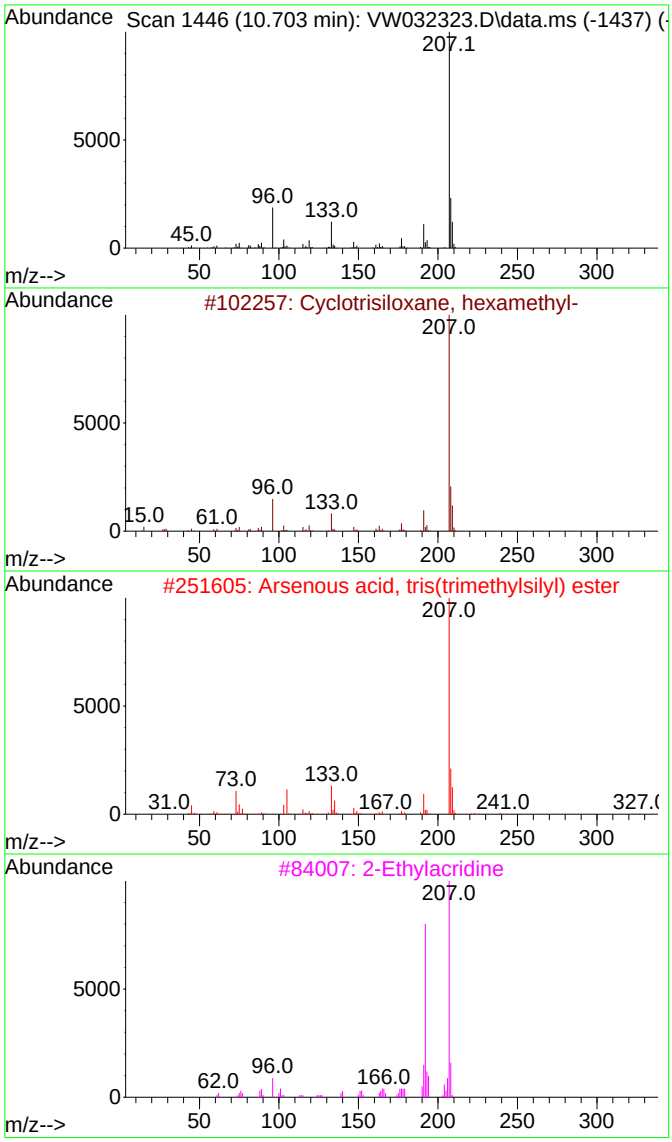
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

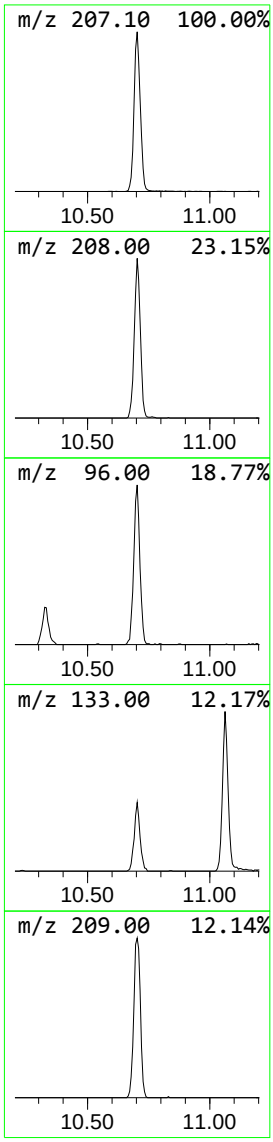
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.703	10.64 ug/l	296788	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	43
3	2-Ethylacridine	207	C15H13N	055751-83-2	38
4	4,4'-bi-4H-pyran, 2,2',6,6'-tetr...	414	C28H46O2	1000399-10-0	36
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032323.D
Acq On : 02 Oct 2025 11:20
Operator : SY/MD
Sample : VW1002SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBL01

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexane	5.966	5.1	ug/l	66370	1	7.965	648919	50.0
Silanol, trimet...	7.167	15.4	ug/l	200408	1	7.965	648919	50.0
1-Pentamethyldi...	8.264	12.5	ug/l	161854	1	7.965	648919	50.0
Cyclotrisiloxan...	10.703	10.6	ug/l	296788	3	11.629	1394060	50.0

Raw Data: **VW032324.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	21.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.7		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.1		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.3		1.00	5.00	ug/Kg
67-64-1	Acetone	120		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.2		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	26.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.1		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.8		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.7		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.3		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.8		0.82	5.00	ug/Kg
100-42-5	Styrene	20.7		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.0		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.0		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	51.8		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	277000	7.965			
540-36-3	1,4-Difluorobenzene	526000	8.849			
3114-55-4	Chlorobenzene-d5	484000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	242000	13.556			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VW032324.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032324.D
Acq On : 02 Oct 2025 11:48
Operator : SY/MD
Sample : VW1002SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBS01

Manual Integrations APPROVED

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

Quant Time: Oct 02 21:34:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	277189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	526280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	484324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	242228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	211135	52.223	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.440%			
35) Dibromofluoromethane	7.904	113	170671	50.076	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 100.160%			
50) Toluene-d8	10.325	98	651567	51.798	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.617	95	244879	51.505	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	35292	20.290	ug/l	96
3) Chloromethane	2.253	50	57316	21.355	ug/l	98
4) Vinyl Chloride	2.399	62	72814	22.724	ug/l	96
5) Bromomethane	2.814	94	52196	22.167	ug/l	96
6) Chloroethane	2.966	64	44092	20.842	ug/l	100
7) Trichlorofluoromethane	3.302	101	50494	21.047	ug/l	99
8) Diethyl Ether	3.716	74	47688	22.939	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	63532	22.078	ug/l	93
10) Methyl Iodide	4.301	142	91243	22.223	ug/l	99
11) Tert butyl alcohol	5.204	59	39544	129.218	ug/l #	92
12) 1,1-Dichloroethene	4.076	96	69815	22.348	ug/l	96
13) Acrolein	3.930	56	57342	115.454	ug/l	100
14) Allyl chloride	4.698	41	116506	22.080	ug/l	88
15) Acrylonitrile	5.393	53	115025	106.355	ug/l	99
16) Acetone	4.161	43	133233	119.014	ug/l	99
17) Carbon Disulfide	4.417	76	190217	22.316	ug/l	100
18) Methyl Acetate	4.704	43	61526	19.186	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	134195	21.810	ug/l	95
20) Methylene Chloride	4.954	84	108542	26.810	ug/l	93
21) trans-1,2-Dichloroethene	5.460	96	74880	21.650	ug/l	98
22) Diisopropyl ether	6.338	45	244001	22.235	ug/l	95
23) Vinyl Acetate	6.277	43	800452	109.207	ug/l	99
24) 1,1-Dichloroethane	6.240	63	142157	21.323	ug/l	99
25) 2-Butanone	7.191	43	167396	109.792	ug/l	99
26) 2,2-Dichloropropane	7.185	77	80170	23.509	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	87523	21.064	ug/l	92
28) Bromochloromethane	7.533	49	67354	21.473	ug/l	89
29) Tetrahydrofuran	7.551	42	101272	105.622	ug/l	93
30) Chloroform	7.691	83	146855	21.720	ug/l	99
31) Cyclohexane	7.971	56	120796	21.224	ug/l	91
32) 1,1,1-Trichloroethane	7.886	97	107635	22.465	ug/l	99
36) 1,1-Dichloropropene	8.093	75	102563	21.323	ug/l	98
37) Ethyl Acetate	7.270	43	66109	20.649	ug/l	99
38) Carbon Tetrachloride	8.081	117	95980	21.205	ug/l	98
39) Methylcyclohexane	9.343	83	120270	20.729	ug/l	91
40) Benzene	8.337	78	312244	20.710	ug/l	96

Sample Results: **VW032324.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032324.D
Acq On : 02 Oct 2025 11:48
Operator : SY/MD
Sample : VW1002SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 21:34:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBS01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.496	41	33699	19.531 ug/l	96
42) 1,2-Dichloroethane	8.410	62	104017	21.085 ug/l	99
43) Isopropyl Acetate	8.435	43	116950	20.591 ug/l	99
44) Trichloroethene	9.099	130	73487	20.816 ug/l	87
45) 1,2-Dichloropropane	9.374	63	77793	20.672 ug/l	100
46) Dibromomethane	9.465	93	48642	21.020 ug/l	94
47) Bromodichloromethane	9.648	83	110045	20.791 ug/l	96
48) Methyl methacrylate	9.441	41	54863	19.868 ug/l #	91
49) 1,4-Dioxane	9.465	88	12438	393.244 ug/l	88
51) 4-Methyl-2-Pentanone	10.215	43	343882	104.535 ug/l	99
52) Toluene	10.392	92	200400	21.344 ug/l	100
53) t-1,3-Dichloropropene	10.605	75	104350	20.322 ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	122595	20.727 ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	64240	20.771 ug/l	97
56) Ethyl methacrylate	10.648	69	89602	20.698 ug/l #	94
57) 1,3-Dichloropropane	10.934	76	114000	20.870 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	218251	94.732 ug/l	96
59) 2-Hexanone	10.971	43	248183	106.970 ug/l	98
60) Dibromochloromethane	11.129	129	71782	20.440 ug/l	96
61) 1,2-Dibromoethane	11.239	107	63584	21.084 ug/l	100
64) Tetrachloroethene	10.867	164	58875	20.315 ug/l	92
65) Chlorobenzene	11.654	112	220087	20.653 ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	68197	20.547 ug/l	99
67) Ethyl Benzene	11.727	91	368398	20.740 ug/l	99
68) m/p-Xylenes	11.837	106	281970	41.166 ug/l	98
69) o-Xylene	12.166	106	133223	20.798 ug/l	98
70) Styrene	12.178	104	231753	20.723 ug/l	99
71) Bromoform	12.349	173	39869	20.956 ug/l #	93
73) Isopropylbenzene	12.458	105	331142	19.982 ug/l	99
74) N-amyl acetate	12.270	43	106443	20.134 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	83489	20.290 ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	60719m	19.048 ug/l	
77) Bromobenzene	12.745	156	80252	20.089 ug/l	88
78) n-propylbenzene	12.800	91	429786	20.762 ug/l	98
79) 2-Chlorotoluene	12.891	91	258238	20.402 ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	292453	20.409 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	24970	19.844 ug/l	96
82) 4-Chlorotoluene	12.983	91	275242	20.454 ug/l	98
83) tert-Butylbenzene	13.202	119	245859	20.911 ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	292513	20.075 ug/l	99
85) sec-Butylbenzene	13.379	105	366744	20.411 ug/l	99
86) p-Isopropyltoluene	13.495	119	299340	20.078 ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	165842	20.502 ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	159923	19.772 ug/l	96
89) n-Butylbenzene	13.818	91	291226	20.007 ug/l	99
90) Hexachloroethane	14.086	117	53135	19.884 ug/l	96
91) 1,2-Dichlorobenzene	13.861	146	144371	19.744 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14103	19.575 ug/l	89
93) 1,2,4-Trichlorobenzene	15.129	180	87719	20.005 ug/l	97
94) Hexachlorobutadiene	15.232	225	37751	18.831 ug/l	92
95) Naphthalene	15.360	128	209580	19.903 ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	82423	19.943 ug/l	93

Sample Results: **VW032324.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032324.D
Acq On : 02 Oct 2025 11:48
Operator : SY/MD
Sample : VW1002SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 21:34:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBS01

Manual Integrations APPROVED

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

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

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

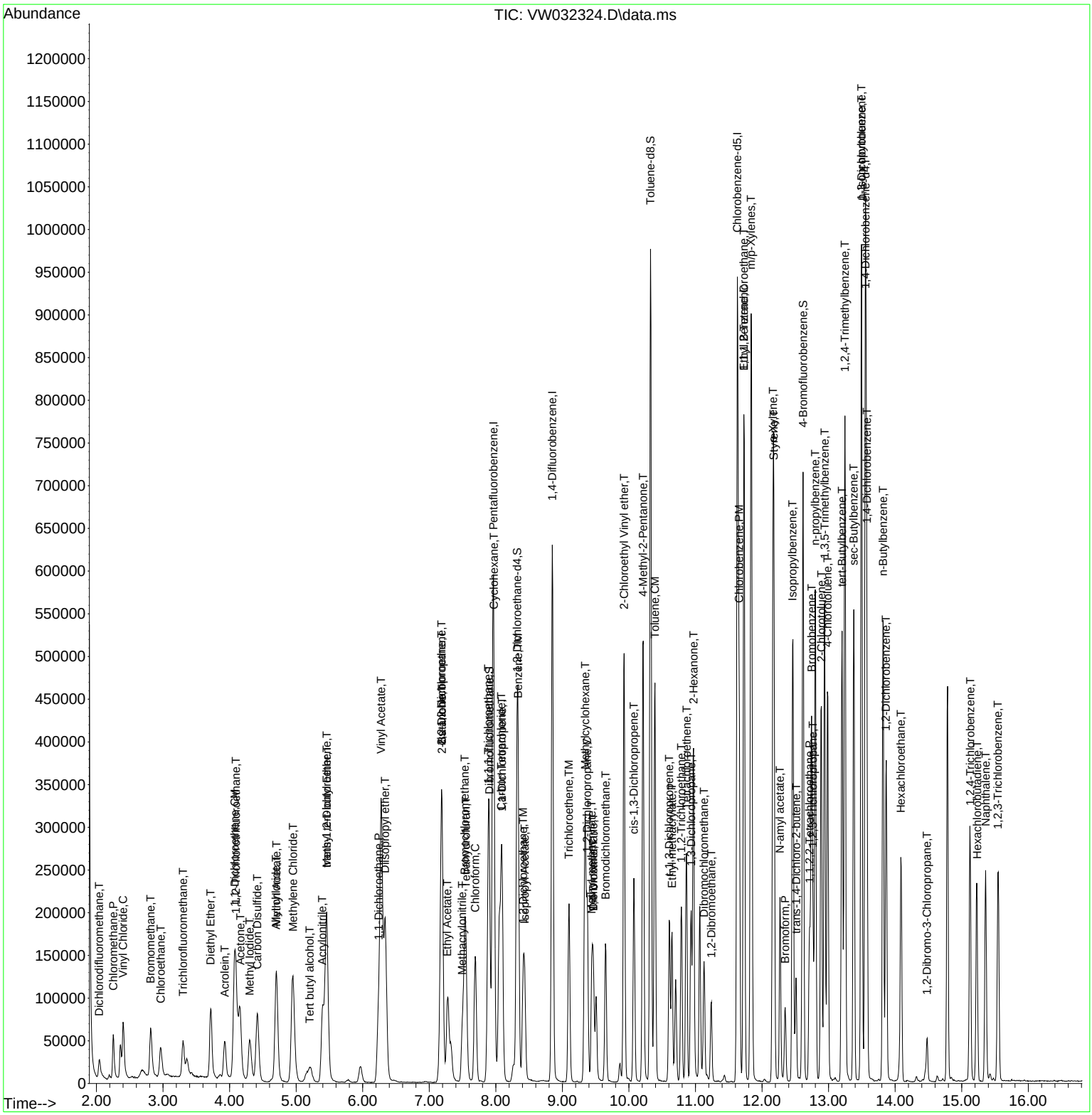
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032324.D
Acq On : 02 Oct 2025 11:48
Operator : SY/MD
Sample : VW1002SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 21:34:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBS01

Manual Integrations APPROVED

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



Raw Data: **VW032325.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	19.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.3		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.6		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.0		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.0		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.0		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.3		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.3		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.2		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.4		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.3		0.78	5.00	ug/Kg

Raw Data: **VW032325.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.5		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.1		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.2		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	43.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	22.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.5		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	291000	7.965			
540-36-3	1,4-Difluorobenzene	535000	8.855			
3114-55-4	Chlorobenzene-d5	468000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	239000	13.555			

Raw Data: **VW032325.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VW032325.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032325.D
Acq On : 02 Oct 2025 12:10
Operator : SY/MD
Sample : VW1002SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBSD01

Quant Time: Oct 02 21:35:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	291487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	534672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	467867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	239286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209765	49.339	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 98.680%			
35) Dibromofluoromethane	7.898	113	172111	49.706	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.420%			
50) Toluene-d8	10.324	98	641089	50.165	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.617	95	238010	49.274	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	35034	19.153	ug/l	98
3) Chloromethane	2.253	50	54560	19.331	ug/l	95
4) Vinyl Chloride	2.405	62	69248	20.551	ug/l	98
5) Bromomethane	2.820	94	51481	20.791	ug/l	90
6) Chloroethane	2.966	64	45249	20.340	ug/l	95
7) Trichlorofluoromethane	3.301	101	55688	22.073	ug/l	96
8) Diethyl Ether	3.722	74	46407	21.228	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.106	101	61663	20.378	ug/l	92
10) Methyl Iodide	4.307	142	92661	21.461	ug/l	96
11) Tert butyl alcohol	5.222	59	36189	112.454	ug/l #	94
12) 1,1-Dichloroethene	4.075	96	67509	20.550	ug/l	96
13) Acrolein	3.929	56	56779	108.713	ug/l	100
14) Allyl chloride	4.703	41	114563	20.647	ug/l	89
15) Acrylonitrile	5.404	53	115079	101.186	ug/l	99
16) Acetone	4.155	43	126735	107.657	ug/l	99
17) Carbon Disulfide	4.423	76	187909	20.964	ug/l	99
18) Methyl Acetate	4.709	43	59964	17.782	ug/l	99
19) Methyl tert-butyl Ether	5.465	73	135636	20.963	ug/l	92
20) Methylene Chloride	4.959	84	106049	24.485	ug/l	94
21) trans-1,2-Dichloroethene	5.459	96	73548	20.222	ug/l	95
22) Diisopropyl ether	6.343	45	240079	20.805	ug/l	95
23) Vinyl Acetate	6.282	43	808344	104.874	ug/l	100
24) 1,1-Dichloroethane	6.246	63	140754	20.077	ug/l	98
25) 2-Butanone	7.197	43	167299	104.346	ug/l	99
26) 2,2-Dichloropropane	7.191	77	81279	22.665	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	87178	19.952	ug/l	92
28) Bromochloromethane	7.532	49	66809	20.255	ug/l	87
29) Tetrahydrofuran	7.550	42	102160	101.322	ug/l	94
30) Chloroform	7.697	83	144523	20.326	ug/l	93
31) Cyclohexane	7.971	56	118891	19.864	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	107081	21.253	ug/l	99
36) 1,1-Dichloropropene	8.099	75	99553	20.372	ug/l	98
37) Ethyl Acetate	7.276	43	67894	20.873	ug/l	99
38) Carbon Tetrachloride	8.081	117	96076	20.893	ug/l	99
39) Methylcyclohexane	9.343	83	118968	20.183	ug/l	95
40) Benzene	8.337	78	310996	20.304	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032325.D
Acq On : 02 Oct 2025 12:10
Operator : SY/MD
Sample : VW1002SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 02 21:35:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBSD01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	35367	20.176	ug/l		93
42) 1,2-Dichloroethane	8.416	62	102405	20.432	ug/l		100
43) Isopropyl Acetate	8.434	43	119660	20.738	ug/l		99
44) Trichloroethene	9.105	130	71401	19.908	ug/l		93
45) 1,2-Dichloropropane	9.379	63	78839	20.621	ug/l		98
46) Dibromomethane	9.465	93	47886	20.369	ug/l		98
47) Bromodichloromethane	9.654	83	109464	20.357	ug/l		99
48) Methyl methacrylate	9.446	41	56269	20.057	ug/l		95
49) 1,4-Dioxane	9.459	88	13282	413.337	ug/l		92
51) 4-Methyl-2-Pentanone	10.215	43	346648	103.722	ug/l		98
52) Toluene	10.391	92	193861	20.324	ug/l		100
53) t-1,3-Dichloropropene	10.611	75	106084	20.335	ug/l		97
54) cis-1,3-Dichloropropene	10.080	75	123159	20.495	ug/l		95
55) 1,1,2-Trichloroethane	10.788	97	67010	21.326	ug/l		95
56) Ethyl methacrylate	10.647	69	87830	19.970	ug/l		95
57) 1,3-Dichloropropane	10.934	76	114439	20.621	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	220699	94.291	ug/l		96
59) 2-Hexanone	10.970	43	247303	104.917	ug/l		99
60) Dibromochloromethane	11.129	129	71791	20.122	ug/l		97
61) 1,2-Dibromoethane	11.239	107	61927	20.212	ug/l		99
64) Tetrachloroethene	10.861	164	56614	20.222	ug/l		89
65) Chlorobenzene	11.659	112	216986	21.078	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.733	131	67629	21.093	ug/l		99
67) Ethyl Benzene	11.733	91	364939	21.268	ug/l		96
68) m/p-Xylenes	11.836	106	285522	43.151	ug/l		99
69) o-Xylene	12.165	106	131419	21.238	ug/l		100
70) Styrene	12.178	104	237322	21.967	ug/l		98
71) Bromoform	12.348	173	38393	20.890	ug/l	#	96
73) Isopropylbenzene	12.464	105	337841	20.637	ug/l		98
74) N-amyl acetate	12.269	43	107577	20.599	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	82748	20.357	ug/l		99
76) 1,2,3-Trichloropropane	12.769	75	63244m	20.085	ug/l		
77) Bromobenzene	12.745	156	81476	20.646	ug/l		91
78) n-propylbenzene	12.799	91	425699	20.817	ug/l		97
79) 2-Chlorotoluene	12.891	91	249811	19.979	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	284839	20.122	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	25199	20.273	ug/l		95
82) 4-Chlorotoluene	12.988	91	274110	20.620	ug/l		100
83) tert-Butylbenzene	13.202	119	238669	20.549	ug/l		97
84) 1,2,4-Trimethylbenzene	13.244	105	283232	19.677	ug/l		99
85) sec-Butylbenzene	13.379	105	362319	20.413	ug/l		99
86) p-Isopropyltoluene	13.494	119	303179	20.586	ug/l		99
87) 1,3-Dichlorobenzene	13.494	146	158665	19.856	ug/l		94
88) 1,4-Dichlorobenzene	13.574	146	165636	20.730	ug/l		98
89) n-Butylbenzene	13.818	91	295818	20.572	ug/l		99
90) Hexachloroethane	14.092	117	53671	20.331	ug/l		88
91) 1,2-Dichlorobenzene	13.866	146	147806	20.462	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13527	19.007	ug/l		90
93) 1,2,4-Trichlorobenzene	15.128	180	88997	20.546	ug/l		99
94) Hexachlorobutadiene	15.226	225	39432	19.911	ug/l		95
95) Naphthalene	15.360	128	204952	19.703	ug/l		98
96) 1,2,3-Trichlorobenzene	15.549	180	81052	19.853	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032325.D
Acq On : 02 Oct 2025 12:10
Operator : SY/MD
Sample : VW1002SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 02 21:35:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBSD01

Manual Integrations APPROVED

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

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

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

Sample Results: **VW032325.D**

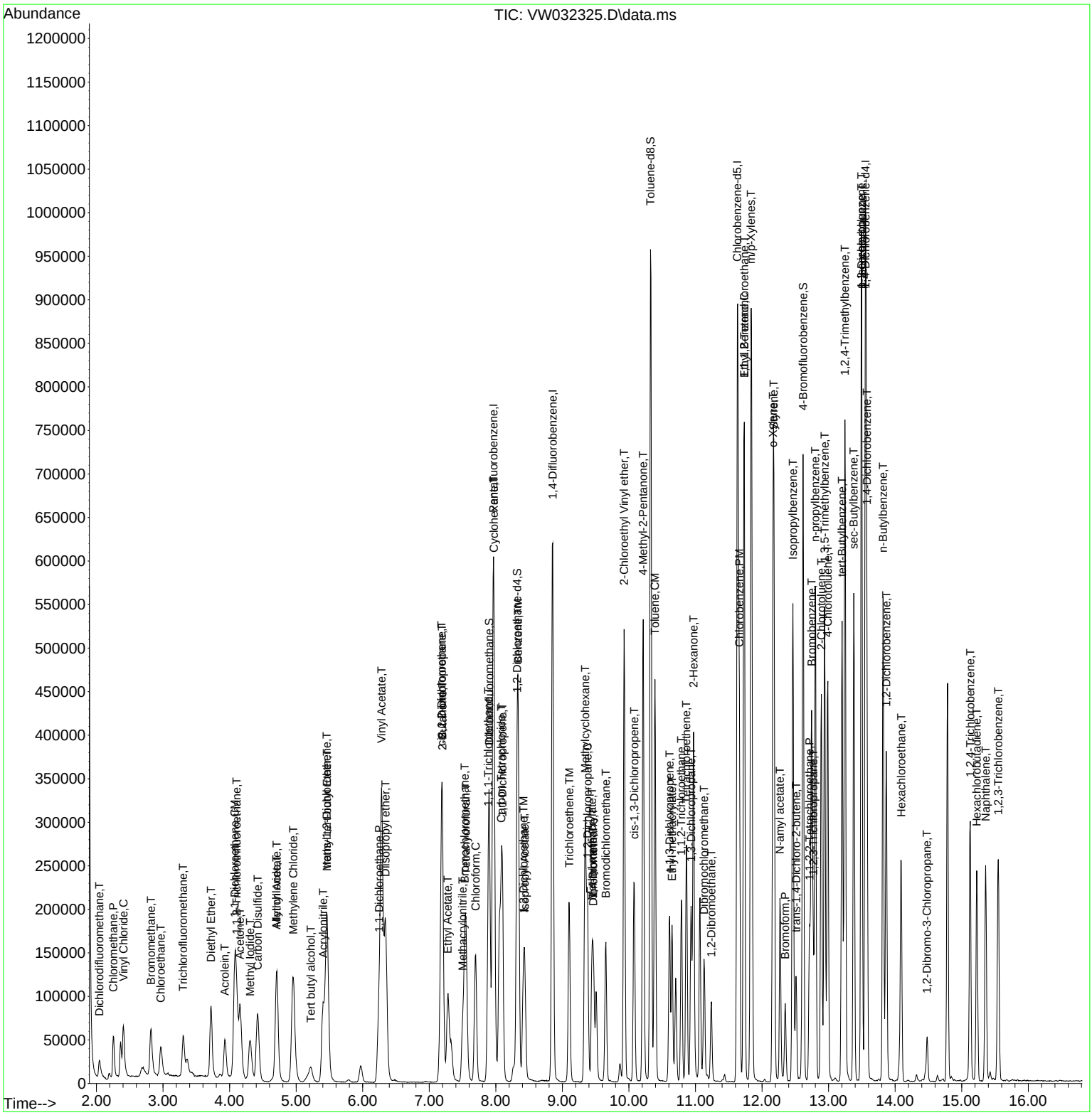
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032325.D
Acq On : 02 Oct 2025 12:10
Operator : SY/MD
Sample : VW1002SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 02 21:35:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBSD01

Manual Integrations APPROVED

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



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

Manual Integration Report

Sequence:	VW100125	Instrument	MSVOA_w

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

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

Manual Integration Report

Sequence:	VW100225	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032322.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 4:04:46 PM	Sam	10/3/2025 4:10:57 PM	Peak Integrated by Software
VW1002SBS01	VW032324.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 4:04:46 PM	Sam	10/3/2025 4:10:59 PM	Peak Integrated by Software
VW1002SBSD01	VW032325.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 4:04:46 PM	Sam	10/3/2025 4:11:00 PM	Peak Integrated by Software
VSTDCCC050	VW032337.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 4:04:51 PM	Sam	10/3/2025 4:11:01 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 # VW100125

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

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

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

M : Manual Integration

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 # VW100225

Review By	Mahesh Dadoda	Review On	10/3/2025 4:06:22 PM				
Supervise By		Supervise On					
SubDirectory	VW100225	HP Acquire Method	MSVOA_W		HP Processing Method	82w100125s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135728
Initial Calibration Stds	
CCC	VP135729,VP135730
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	VW032321.D	02 Oct 2025 09:19	SY/MD	Ok
2	VSTDCCC050	VW032322.D	02 Oct 2025 10:53	SY/MD	Ok,M
3	VW1002SBL01	VW032323.D	02 Oct 2025 11:20	SY/MD	Ok
4	VW1002SBS01	VW032324.D	02 Oct 2025 11:48	SY/MD	Ok,M
5	VW1002SBSD01	VW032325.D	02 Oct 2025 12:10	SY/MD	Ok,M
6	Q3150-04RE	VW032326.D	02 Oct 2025 12:51	SY/MD	Confirms
7	Q3257-01	VW032327.D	02 Oct 2025 13:13	SY/MD	Ok
8	Q3257-02	VW032328.D	02 Oct 2025 13:35	SY/MD	Ok
9	Q3266-01	VW032329.D	02 Oct 2025 13:57	SY/MD	Ok
10	Q3266-02	VW032330.D	02 Oct 2025 14:19	SY/MD	Ok
11	Q3262-02	VW032331.D	02 Oct 2025 14:41	SY/MD	Ok
12	Q3262-04	VW032332.D	02 Oct 2025 15:03	SY/MD	ReRun
13	Q3262-07	VW032333.D	02 Oct 2025 15:25	SY/MD	Ok
14	Q3269-01	VW032334.D	02 Oct 2025 15:47	SY/MD	ReRun
15	Q3269-04	VW032335.D	02 Oct 2025 16:09	SY/MD	Ok
16	VIBLK	VW032336.D	02 Oct 2025 16:31	SY/MD	Ok
17	VSTDCCC050	VW032337.D	02 Oct 2025 16:53	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 # VW100125

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

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

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

M : Manual Integration

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 # VW100225

Review By	Mahesh Dadoda	Review On	10/3/2025 4:06:22 PM		
Supervise By		Supervise On			
SubDirectory	VW100225	HP Acquire Method	MSVOA_W	HP Processing Method	82w100125s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135728
Initial Calibration Stds	
CCC	VP135729,VP135730
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	VW032321.D	02 Oct 2025 09:19		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032322.D	02 Oct 2025 10:53		SY/MD	Ok,M
3	VW1002SBL01	VW1002SBL01	VW032323.D	02 Oct 2025 11:20		SY/MD	Ok
4	VW1002SBS01	VW1002SBS01	VW032324.D	02 Oct 2025 11:48		SY/MD	Ok,M
5	VW1002SBSD01	VW1002SBSD01	VW032325.D	02 Oct 2025 12:10		SY/MD	Ok,M
6	Q3150-04RE	Mid Site Grid 5-7RE	VW032326.D	02 Oct 2025 12:51	vial-B ISTD Fail	SY/MD	Confirms
7	Q3257-01	ENV1-6FT	VW032327.D	02 Oct 2025 13:13	vial-A	SY/MD	Ok
8	Q3257-02	ENV2-6FT	VW032328.D	02 Oct 2025 13:35	vial-A	SY/MD	Ok
9	Q3266-01	ENV-3-6FT	VW032329.D	02 Oct 2025 13:57	vial-A	SY/MD	Ok
10	Q3266-02	ENV-4-6FT	VW032330.D	02 Oct 2025 14:19	vial-A	SY/MD	Ok
11	Q3262-02	MOO-25-0280	VW032331.D	02 Oct 2025 14:41	vial-A	SY/MD	Ok
12	Q3262-04	MOO-25-0282	VW032332.D	02 Oct 2025 15:03	vial-A ISTD Fail	SY/MD	ReRun
13	Q3262-07	279887	VW032333.D	02 Oct 2025 15:25	vial-A	SY/MD	Ok
14	Q3269-01	EG1-TP1	VW032334.D	02 Oct 2025 15:47	vial-A Surrogate Fail	SY/MD	ReRun
15	Q3269-04	EG1-TP2	VW032335.D	02 Oct 2025 16:09	vial-A	SY/MD	Ok
16	VIBLK	VIBLK	VW032336.D	02 Oct 2025 16:31		SY/MD	Ok
17	VSTDCCC050	VSTDCCC050EC	VW032337.D	02 Oct 2025 16:53		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137380

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
Q3257-01	ENV1-6FT	1	1.14	10.57	11.71	10.05	84.3	
Q3257-02	ENV2-6FT	2	1.15	10.55	11.7	10.09	84.7	
Q3262-01	PAD-100125	3	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3262-02	MOO-25-0280	4	1.15	10.87	12.02	6.94	53.3	
Q3262-04	MOO-25-0282	5	1.19	11.25	12.44	7.9	59.6	
Q3262-05	MOO-25-0281-82	6	1.16	11.03	12.19	8.19	63.7	
Q3262-07	279887	7	1.18	10.18	11.36	10.00	86.6	
Q3262-08	279887	8	1.12	10.85	11.97	10.6	87.4	
Q3264-01	L23A	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-02	L23B	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-03	L24A	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-04	L24B	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-05	L25A	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-06	L25B	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-07	L26A	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-08	L26B	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-09	L27A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-10	L27B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-11	L28A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-12	L29A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-13	L30A	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-14	L31A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-15	L32A	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-16	L33A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-17	L33B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-18	L34A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-19	L34B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-20	245F55-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137380

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
Q3264-21	245F55-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-22	245F46-1-1	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-23	245F46-1-2	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-24	245F46-2-1	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-25	245F46-2-2	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-01	BC279304-LOZ-END-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-02	BC279304-LOZ-END-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3266-01	ENV-3-6FT	36	1.15	11.10	12.25	10.06	80.3	
Q3266-02	ENV-3-6FT	37	1.14	10.18	11.32	10.00	87.0	

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

WORKLIST(Hardcopy Internal Chain)

lab 373380

WorkList Name : %1-100125 **WorkList ID :** 192195 **Department :** Wet-Chemistry **Date :** 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3257-01	ENV1-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/30/2025	Chemtech -SO
Q3257-02	ENV2-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/29/2025	Chemtech -SO
Q3262-01	PAD-100125	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-02	MOO-25-0280	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-04	MOO-25-0282	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-05	MOO-25-0281-82	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-07	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-08	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-01	L23A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-02	L23B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-03	L24A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-04	L24B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-05	L25A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-06	L25B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-07	L26A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-08	L26B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-09	L27A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-10	L27B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-11	L28A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-12	L29A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-13	L30A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15

Raw Sample Received by: JR WC1

Raw Sample Relinquished by: CP SW

Date/Time 10/01/25 17:30

Raw Sample Received by: CP SW

Raw Sample Relinquished by: JR WC1

WORKLIST(Hardcopy Internal Chain)

VB 137380

WorkList Name : %1-100125 **WorkList ID :** 192195 **Department :** Wet-Chemistry **Date :** 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3264-14	L31A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-15	L32A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-16	L33A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-17	L33B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-18	L34A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-19	L34B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-20	245F55-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-21	245F55-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-22	245F46-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-23	245F46-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-24	245F46-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-25	245F46-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-01	BC279304-LOZ-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-02	BC279304-LOZ-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3266-01	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO
Q3266-02	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15

Raw Sample Received by: RSB WCL

Raw Sample Relinquished by: CP SM

Date/Time 10/01/25 17:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RSB WCL

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. Q3266
COC Number 2045358

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas
PHONE: 908-642-5565 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: MECoCJOWTPPFAS- Geotech ENV
PROJECT NO.: 295110 LOCATION: Edison, NJ
PROJECT MANAGER: David Tanzi
e-mail: TANZIDJ@cdmsmith.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 Fieldcrest Ave, #8, 6th Floor
CITY Edison STATE: NJ ZIP:
ATTENTION: Marcie Encinas PHONE: 908-642-5565

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: TCL VOC+10
2: TCL SVOC +20
3: TAL Metal
4: Mercury
5: PCB
6: TCL Pesticide
7: Herbicide
8: EPH
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	ENV-3 /6ft	Soil		X	10/1/25	7:50	4	X	X	X	X	X	X	X	X		
2.	ENV-4 /6ft	Soil		X	10/1/25	11:00	4	X	X	X	X	X	X	X	X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. M.H.	10/1/25 1410	1.
2.		2.
3.	10/1/25 1500	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 4.7 °C
Comments:

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete
❑ YES ❑ NO

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

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

Laboratory Certification

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

Alliance TECHNICAL GROUP

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q3266 CAMP02	**Order Date :**	10/1/2025 3:15:00 PM	**Project Mgr :**	
Client Name :	CDM Smith	**Project Name :**	MWCO CJO WTP Edison 2	**Report Type :**	Level 1
Client Contact :	Marcie Ann Encinas	**Receive DateTime :**	10/1/2025 3:00:00 PM	**EDD Type :**	EXCEL NOCLEANUP
Invoice Name :	CDM Smith	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Marcie Ann Encinas			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q3266-01	ENV-3-6FT	Solid	10/01/2025	07:50						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q3266-02	ENV-4-6FT	Solid	~~10/01/2025~~ 10/02/2025	11:00						
					VOC-TCLVOA-10		8260D	10 Bus. Days		

Stored in VOA Bz#02 and Extract ?#06

Relinquished By : [signature]

Date / Time : 10/1/25 1530

Received By : [signature]

Date / Time : 10-1-25 15:35

Storage Area : VOA Refridgerator Room