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

Cover Page

Order ID : Q3150

Project ID : NYC DOT Harper Street Yard North

Client : Scalamandre – Tully JV

Lab Sample Number	Client Sample Number
Q3150-01	MER Rd Con Ed
Q3150-02	MER Rd Con Ed
Q3150-03	Mid Site Grid 5-7
Q3150-04	Mid Site Grid 5-7

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

Signature : _____

Date: 9/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3150**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **09/30/2025**

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

LAB CHRONICLE

OrderID:	Q3150	**OrderDate:**	9/19/2025 11:55:00 AM
Client:	Scalamandre – Tully JV	**Project:**	NYC DOT Harper Street Yard North
Contact:	Dean Devoe	**Location:**	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3150-02	**MER Rd Con Ed**	**SOIL**			**09/18/25**			**09/19/25**
			VOCMS Group1	8260D			09/19/25	
Q3150-02RE	**MER Rd Con EdRE**	**SOIL**			**09/18/25**			**09/19/25**
			VOCMS Group1	8260D			09/22/25	
Q3150-04	**Mid Site Grid 5-7**	**SOIL**			**09/18/25**			**09/19/25**
			VOCMS Group1	8260D			09/30/25	
Q3150-04RE	**Mid Site Grid 5-7RE**	**SOIL**			**09/18/25**			**09/19/25**
			VOCMS Group1	8260D			10/02/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3150

Client: Scalamandre – Tully JV

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**Mid Site Grid 5-7**							
Q3150-04	Mid Site Grid 5-7	SOIL	Acetone	19.2	J	6.20	32.6	ug/Kg
Q3150-04	Mid Site Grid 5-7	SOIL	Methylene Chloride	15.6		4.60	13.0	ug/Kg
			Total Voc :	34.8				
			Total Concentration:	34.8				
Client ID:	**Mid Site Grid 5-7RE**							
Q3150-04RE	Mid Site Grid 5-7RI	SOIL	Acetone	18.5	J	6.10	32.2	ug/Kg
Q3150-04RE	Mid Site Grid 5-7RI	SOIL	Methylene Chloride	11.1	JQ	4.50	12.9	ug/Kg
			Total Voc :	29.6				
			Total Concentration:	29.6				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3150

Client: Scalamandre – Tully JV

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3150-02	MER Rd Con Ed	1,2-Dichloroethane-d4	50	49.8	100		63	155
		Dibromofluoromethane	50	46.2	92		70	134
		Toluene-d8	50	40.0	80		74	123
		4-Bromofluorobenzene	50	41.4	83		17	146
Q3150-02RE	MER Rd Con EdRE	1,2-Dichloroethane-d4	50	63.5	127		63	155
		Dibromofluoromethane	50	54.8	110		70	134
		Toluene-d8	50	41.1	82		74	123
		4-Bromofluorobenzene	50	29.9	60		17	146
Q3150-04	Mid Site Grid 5-7	1,2-Dichloroethane-d4	50	52.5	105		63	155
		Dibromofluoromethane	50	46.3	93		70	134
		Toluene-d8	50	43.1	86		74	123
		4-Bromofluorobenzene	50	37.2	74		17	146
Q3150-04RE	Mid Site Grid 5-7RE	1,2-Dichloroethane-d4	50	56.4	113		63	155
		Dibromofluoromethane	50	52.5	105		70	134
		Toluene-d8	50	48.0	96		74	123
		4-Bromofluorobenzene	50	37.5	75		17	146
VW0919SBL01	VW0919SBL01	1,2-Dichloroethane-d4	50	58.7	117		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	44.7	89		74	123
		4-Bromofluorobenzene	50	47.4	95		17	146
VW0919SBS01	VW0919SBS01	1,2-Dichloroethane-d4	50	52.9	106		63	155
		Dibromofluoromethane	50	52.9	106		70	134
		Toluene-d8	50	52.6	105		74	123
		4-Bromofluorobenzene	50	50.3	101		17	146
VW0919SBSD0	VW0919SBSD01	1,2-Dichloroethane-d4	50	53.3	107		63	155
		Dibromofluoromethane	50	51.3	103		70	134
		Toluene-d8	50	51.5	103		74	123
		4-Bromofluorobenzene	50	49.5	99		17	146
VW0922SBL01	VW0922SBL01	1,2-Dichloroethane-d4	50	65.7	131		63	155
		Dibromofluoromethane	50	55.7	111		70	134
		Toluene-d8	50	56.2	112		74	123
		4-Bromofluorobenzene	50	51.3	103		17	146
VW0922SBS01	VW0922SBS01	1,2-Dichloroethane-d4	50	49.6	99		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	50.6	101		74	123
		4-Bromofluorobenzene	50	49.4	99		17	146
VW0930SBL01	VW0930SBL01	1,2-Dichloroethane-d4	50	57.0	114		63	155
		Dibromofluoromethane	50	50.2	100		70	134
		Toluene-d8	50	51.1	102		74	123
		4-Bromofluorobenzene	50	46.1	92		17	146
VW0930SBS01	VW0930SBS01	1,2-Dichloroethane-d4	50	49.9	100		63	155
		Dibromofluoromethane	50	46.7	93		70	134
		Toluene-d8	50	46.6	93		74	123
		4-Bromofluorobenzene	50	46.6	93		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

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

Surrogate Summary

SDG No.: Q3150

Client: Scalamandre – Tully JV

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VW1002SBS01	VW1002SBS01	Toluene-d8	50	51.8	104		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **Datafile :** VW032206.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0919SBS01	Dichlorodifluoromethane	20	22.6	ug/Kg	113			64	136	
	Chloromethane	20	25.0	ug/Kg	125			52	151	
	Vinyl chloride	20	26.2	ug/Kg	131			56	148	
	Bromomethane	20	25.2	ug/Kg	126			58	141	
	Chloroethane	20	25.8	ug/Kg	129			69	130	
	Trichlorofluoromethane	20	20.0	ug/Kg	100			69	134	
	1,1,2-Trichlorotrifluoroethane	20	25.0	ug/Kg	125		*	81	123	
	1,1-Dichloroethene	20	24.6	ug/Kg	123		*	79	121	
	Acetone	100	160	ug/Kg	160			40	171	
	Carbon disulfide	20	20.5	ug/Kg	103			59	130	
	Methyl tert-butyl Ether	20	20.5	ug/Kg	103			77	129	
	Methyl Acetate	20	18.9	ug/Kg	95			69	149	
	Methylene Chloride	20	21.0	ug/Kg	105			72	131	
	trans-1,2-Dichloroethene	20	20.9	ug/Kg	104			80	123	
	1,1-Dichloroethane	20	21.3	ug/Kg	106			82	123	
	Cyclohexane	20	21.3	ug/Kg	106			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	21.5	ug/Kg	108			76	129	
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101			82	123	
	Bromochloromethane	20	22.6	ug/Kg	113			80	127	
	Chloroform	20	21.4	ug/Kg	107			82	125	
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106			80	126	
	Methylcyclohexane	20	20.6	ug/Kg	103			77	123	
	Benzene	20	21.4	ug/Kg	107			84	121	
	1,2-Dichloroethane	20	21.6	ug/Kg	108			81	126	
	Trichloroethene	20	20.6	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	21.6	ug/Kg	108			83	122	
	Bromodichloromethane	20	21.2	ug/Kg	106			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.2	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.7	ug/Kg	104			78	124	
	cis-1,3-Dichloropropene	20	20.5	ug/Kg	103			81	122	
	1,1,2-Trichloroethane	20	21.3	ug/Kg	106			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	19.6	ug/Kg	98			79	125	
	1,2-Dibromoethane	20	20.6	ug/Kg	103			80	125	
	Tetrachloroethene	20	20.1	ug/Kg	101			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	20.6	ug/Kg	103			82	124	
	m/p-Xylenes	40	42.5	ug/Kg	106			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Styrene	20	20.7	ug/Kg	104			82	124	
	Bromoform	20	19.9	ug/Kg	100			75	127	
	Isopropylbenzene	20	20.1	ug/Kg	101			82	124	
	1,1,2,2-Tetrachloroethane	20	21.0	ug/Kg	105			77	127	
	1,3-Dichlorobenzene	20	20.6	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	19.9	ug/Kg	100			84	121	
	1,2-Dichlorobenzene	20	20.4	ug/Kg	102			83	124	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **Datafile :** VW032206.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0919SBS01	1,2-Dibromo-3-Chloropropane	20	19.8	ug/Kg	99			66	134	
	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96			78	127	
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98			70	137	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3150**	**Analytical Method:**	**SW8260D**
Client:	**Scalamandre – Tully JV**	**Datafile :**	VW032207.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0919SBSD01	Dichlorodifluoromethane	20	25.6	ug/Kg	128	12		64	136	20
	Chloromethane	20	27.0	ug/Kg	135	8		52	151	20
	Vinyl chloride	20	27.4	ug/Kg	137	4		56	148	20
	Bromomethane	20	26.6	ug/Kg	133	5		58	141	20
	Chloroethane	20	28.3	ug/Kg	142	10	*	69	130	20
	Trichlorofluoromethane	20	25.4	ug/Kg	127	24	*	69	134	20
	1,1,2-Trichlorotrifluoroethane	20	24.5	ug/Kg	123	2		81	123	20
	1,1-Dichloroethene	20	25.3	ug/Kg	127	3	*	79	121	20
	Acetone	100	150	ug/Kg	150	6		40	171	20
	Carbon disulfide	20	22.0	ug/Kg	110	7		59	130	20
	Methyl tert-butyl Ether	20	22.6	ug/Kg	113	9		77	129	20
	Methyl Acetate	20	20.7	ug/Kg	104	9		69	149	20
	Methylene Chloride	20	24.0	ug/Kg	120	13		72	131	20
	trans-1,2-Dichloroethene	20	22.8	ug/Kg	114	9		80	123	20
	1,1-Dichloroethane	20	23.3	ug/Kg	117	10		82	123	20
	Cyclohexane	20	22.1	ug/Kg	111	5		76	122	20
	2-Butanone	100	120	ug/Kg	120	9		69	131	20
	Carbon Tetrachloride	20	21.9	ug/Kg	110	2		76	129	20
	cis-1,2-Dichloroethene	20	22.2	ug/Kg	111	9		82	123	20
	Bromochloromethane	20	23.3	ug/Kg	117	3		80	127	20
	Chloroform	20	23.5	ug/Kg	117	9		82	125	20
	1,1,1-Trichloroethane	20	23.5	ug/Kg	117	10		80	126	20
	Methylcyclohexane	20	21.5	ug/Kg	108	5		77	123	20
	Benzene	20	22.6	ug/Kg	113	5		84	121	20
	1,2-Dichloroethane	20	23.2	ug/Kg	116	7		81	126	20
	Trichloroethene	20	22.3	ug/Kg	112	8		83	122	20
	1,2-Dichloropropane	20	22.9	ug/Kg	115	6		83	122	20
	Bromodichloromethane	20	22.5	ug/Kg	113	6		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	10		70	135	20
	Toluene	20	21.9	ug/Kg	110	4		83	122	20
	t-1,3-Dichloropropene	20	21.7	ug/Kg	109	5		78	124	20
	cis-1,3-Dichloropropene	20	22.1	ug/Kg	111	7		81	122	20
	1,1,2-Trichloroethane	20	23.0	ug/Kg	115	8		82	125	20
	2-Hexanone	100	120	ug/Kg	120	9		66	138	20
	Dibromochloromethane	20	22.3	ug/Kg	112	13		79	125	20
	1,2-Dibromoethane	20	21.6	ug/Kg	108	5		80	125	20
	Tetrachloroethene	20	21.1	ug/Kg	106	5		83	125	20
	Chlorobenzene	20	21.7	ug/Kg	109	5		84	122	20
	Ethyl Benzene	20	22.1	ug/Kg	111	7		82	124	20
	m/p-Xylenes	40	45.3	ug/Kg	113	6		83	124	20
	o-Xylene	20	21.7	ug/Kg	109	7		83	123	20
	Styrene	20	21.8	ug/Kg	109	5		82	124	20
	Bromoform	20	20.9	ug/Kg	104	4		75	127	20
	Isopropylbenzene	20	20.8	ug/Kg	104	3		82	124	20
	1,1,2,2-Tetrachloroethane	20	22.4	ug/Kg	112	6		77	127	20
	1,3-Dichlorobenzene	20	21.5	ug/Kg	108	5		83	122	20
	1,4-Dichlorobenzene	20	22.4	ug/Kg	112	11		84	121	20
	1,2-Dichlorobenzene	20	22.2	ug/Kg	111	8		83	124	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **Datafile :** VW032207.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0919SBSD01	1,2-Dibromo-3-Chloropropane	20	22.0	ug/Kg	110	11		66	134	20
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104	8		78	127	20
	1,2,3-Trichlorobenzene	20	20.3	ug/Kg	102	4		70	137	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **Datafile :** VW032225.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0922SBS01	Dichlorodifluoromethane	20	22.9	ug/Kg	115			64	136	
	Chloromethane	20	23.8	ug/Kg	119			52	151	
	Vinyl chloride	20	26.5	ug/Kg	133			56	148	
	Bromomethane	20	24.2	ug/Kg	121			58	141	
	Chloroethane	20	26.3	ug/Kg	132		*	69	130	
	Trichlorofluoromethane	20	19.6	ug/Kg	98			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.4	ug/Kg	117			81	123	
	1,1-Dichloroethene	20	22.7	ug/Kg	114			79	121	
	Acetone	100	130	ug/Kg	130			40	171	
	Carbon disulfide	20	21.2	ug/Kg	106			59	130	
	Methyl tert-butyl Ether	20	21.9	ug/Kg	110			77	129	
	Methyl Acetate	20	21.7	ug/Kg	109			69	149	
	Methylene Chloride	20	20.8	ug/Kg	104			72	131	
	trans-1,2-Dichloroethene	20	21.9	ug/Kg	110			80	123	
	1,1-Dichloroethane	20	21.9	ug/Kg	110			82	123	
	Cyclohexane	20	20.7	ug/Kg	104			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	23.1	ug/Kg	116			76	129	
	cis-1,2-Dichloroethene	20	21.5	ug/Kg	108			82	123	
	Bromochloromethane	20	21.9	ug/Kg	110			80	127	
	Chloroform	20	22.0	ug/Kg	110			82	125	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			80	126	
	Methylcyclohexane	20	21.7	ug/Kg	109			77	123	
	Benzene	20	23.2	ug/Kg	116			84	121	
	1,2-Dichloroethane	20	22.8	ug/Kg	114			81	126	
	Trichloroethene	20	23.2	ug/Kg	116			83	122	
	1,2-Dichloropropane	20	22.6	ug/Kg	113			83	122	
	Bromodichloromethane	20	22.2	ug/Kg	111			82	123	
	4-Methyl-2-Pentanone	100	120	ug/Kg	120			70	135	
	Toluene	20	22.0	ug/Kg	110			83	122	
	t-1,3-Dichloropropene	20	21.5	ug/Kg	108			78	124	
	cis-1,3-Dichloropropene	20	22.4	ug/Kg	112			81	122	
	1,1,2-Trichloroethane	20	21.9	ug/Kg	110			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	21.8	ug/Kg	109			79	125	
	1,2-Dibromoethane	20	22.1	ug/Kg	111			80	125	
	Tetrachloroethene	20	22.4	ug/Kg	112			83	125	
	Chlorobenzene	20	22.4	ug/Kg	112			84	122	
	Ethyl Benzene	20	22.6	ug/Kg	113			82	124	
	m/p-Xylenes	40	45.3	ug/Kg	113			83	124	
	o-Xylene	20	21.9	ug/Kg	110			83	123	
	Styrene	20	22.9	ug/Kg	115			82	124	
	Bromoform	20	21.2	ug/Kg	106			75	127	
	Isopropylbenzene	20	21.0	ug/Kg	105			82	124	
	1,1,2,2-Tetrachloroethane	20	23.0	ug/Kg	115			77	127	
	1,3-Dichlorobenzene	20	21.9	ug/Kg	110			83	122	
	1,4-Dichlorobenzene	20	21.5	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	22.4	ug/Kg	112			83	124	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **Datafile :** VW032225.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0922SBS01	1,2-Dibromo-3-Chloropropane	20	21.5	ug/Kg	108			66	134	
	1,2,4-Trichlorobenzene	20	19.3	ug/Kg	97			78	127	
	1,2,3-Trichlorobenzene	20	19.4	ug/Kg	97			70	137	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **Datafile :** VW032300.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0930SBS01	Dichlorodifluoromethane	20	21.5	ug/Kg	108			64	136	
	Chloromethane	20	21.9	ug/Kg	110			52	151	
	Vinyl chloride	20	22.4	ug/Kg	112			56	148	
	Bromomethane	20	22.8	ug/Kg	114			58	141	
	Chloroethane	20	21.6	ug/Kg	108			69	130	
	Trichlorofluoromethane	20	17.6	ug/Kg	88			69	134	
	1,1,2-Trichlorotrifluoroethane	20	21.2	ug/Kg	106			81	123	
	1,1-Dichloroethene	20	21.9	ug/Kg	110			79	121	
	Acetone	100	110	ug/Kg	110			40	171	
	Carbon disulfide	20	21.8	ug/Kg	109			59	130	
	Methyl tert-butyl Ether	20	22.6	ug/Kg	113			77	129	
	Methyl Acetate	20	21.8	ug/Kg	109			69	149	
	Methylene Chloride	20	20.2	ug/Kg	101			72	131	
	trans-1,2-Dichloroethene	20	21.8	ug/Kg	109			80	123	
	1,1-Dichloroethane	20	21.8	ug/Kg	109			82	123	
	Cyclohexane	20	20.6	ug/Kg	103			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.3	ug/Kg	102			76	129	
	cis-1,2-Dichloroethene	20	21.5	ug/Kg	108			82	123	
	Bromochloromethane	20	21.9	ug/Kg	110			80	127	
	Chloroform	20	21.7	ug/Kg	109			82	125	
	1,1,1-Trichloroethane	20	21.9	ug/Kg	110			80	126	
	Methylcyclohexane	20	19.2	ug/Kg	96			77	123	
	Benzene	20	20.5	ug/Kg	103			84	121	
	1,2-Dichloroethane	20	20.6	ug/Kg	103			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			83	122	
	Bromodichloromethane	20	20.3	ug/Kg	102			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	20.6	ug/Kg	103			83	122	
	t-1,3-Dichloropropene	20	20.5	ug/Kg	103			78	124	
	cis-1,3-Dichloropropene	20	20.3	ug/Kg	102			81	122	
	1,1,2-Trichloroethane	20	20.4	ug/Kg	102			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	20.0	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	20.2	ug/Kg	101			80	125	
	Tetrachloroethene	20	21.3	ug/Kg	106			83	125	
	Chlorobenzene	20	20.5	ug/Kg	103			84	122	
	Ethyl Benzene	20	20.0	ug/Kg	100			82	124	
	m/p-Xylenes	40	41.4	ug/Kg	104			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Styrene	20	21.0	ug/Kg	105			82	124	
	Bromoform	20	18.9	ug/Kg	95			75	127	
	Isopropylbenzene	20	19.4	ug/Kg	97			82	124	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/Kg	99			77	127	
	1,3-Dichlorobenzene	20	20.7	ug/Kg	104			83	122	
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.8	ug/Kg	99			83	124	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **Datafile :** VW032300.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0930SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	19.6	ug/Kg	98			78	127	
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100			70	137	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **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	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3150 **Analytical Method:** SW8260D

Client: Scalamandre – Tully JV **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	

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VW0919SBL01

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

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

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

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

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0919SBS01	VW0919SBS01	VW032206.D	09/19/2025
VW0919SBSD01	VW0919SBSD01	VW032207.D	09/19/2025
MER Rd Con Ed	Q3150-02	VW032218.D	09/19/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VW0922SBL01

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

Lab File ID: VW032224.D | Lab Sample ID: VW0922SBL01

Date Analyzed: 09/22/2025 | Time Analyzed: 10:27

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
VW0922SBS01	VW0922SBS01	VW032225.D	09/22/2025
MER Rd Con EdRE	Q3150-02RE	VW032227.D	09/22/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VW0930SBL01

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

Lab File ID: VW032299.D | Lab Sample ID: VW0930SBL01

Date Analyzed: 09/30/2025 | Time Analyzed: 13:25

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
VW0930SBS01	VW0930SBS01	VW032300.D	09/30/2025
Mid Site Grid 5-7	Q3150-04	VW032303.D	09/30/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VW1002SBL01

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

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
Mid Site Grid 5-7RE	Q3150-04RE	VW032326.D	10/02/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

Lab File ID: VW032136.D | BFB Injection Date: 08/26/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:38

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.3
75	30.0 - 60.0% of mass 95	55.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.9 (7.7) 1
176	95.0 - 101.0% of mass 174	73.7 (96.7) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

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

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

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

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

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	56.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.7 (8.3) 1
176	95.0 - 101.0% of mass 174	67.9 (97.7) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032204.D	09/19/2025	09:38
VW0919SBL01	VW0919SBL01	VW032205.D	09/19/2025	10:08
VW0919SBS01	VW0919SBS01	VW032206.D	09/19/2025	10:35
VW0919SBSD01	VW0919SBSD01	VW032207.D	09/19/2025	10:57
MER Rd Con Ed	Q3150-02	VW032218.D	09/19/2025	16:11

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

Lab File ID: VW032222.D | BFB Injection Date: 09/22/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:04

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	21.3
75	30.0 - 60.0% of mass 95	56
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	68.1
175	5.0 - 9.0% of mass 174	5.5 (8.1) 1
176	95.0 - 101.0% of mass 174	67.4 (98.9) 1
177	5.0 - 9.0% of mass 176	4.5 (6.7) 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	VW032223.D	09/22/2025	08:47
VW0922SBL01	VW0922SBL01	VW032224.D	09/22/2025	10:27
VW0922SBS01	VW0922SBS01	VW032225.D	09/22/2025	11:13
MER Rd Con EdRE	Q3150-02RE	VW032227.D	09/22/2025	12:11

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

Lab File ID: VW032257.D | BFB Injection Date: 09/25/2025

Instrument ID: MSVOA_W | BFB Injection Time: 10:01

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
75	30.0 - 60.0% of mass 95	51
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.7
175	5.0 - 9.0% of mass 174	4.9 (7.4) 1
176	95.0 - 101.0% of mass 174	64.4 (96.6) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032258.D	09/25/2025	10:45
VSTDICC010	VSTDICC010	VW032259.D	09/25/2025	11:30
VSTDICC020	VSTDICC020	VW032260.D	09/25/2025	11:52
VSTDICCC050	VSTDICCC050	VW032261.D	09/25/2025	12:24
VSTDICC100	VSTDICC100	VW032262.D	09/25/2025	12:46
VSTDICC150	VSTDICC150	VW032263.D	09/25/2025	13:08

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

Lab File ID: VW032297.D | BFB Injection Date: 09/30/2025

Instrument ID: MSVOA_W | BFB Injection Time: 10:43

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	19.4
75	30.0 - 60.0% of mass 95	50.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	65
175	5.0 - 9.0% of mass 174	5.1 (7.9) 1
176	95.0 - 101.0% of mass 174	61.8 (95.1) 1
177	5.0 - 9.0% of mass 176	3.8 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032298.D	09/30/2025	12:54
VW0930SBL01	VW0930SBL01	VW032299.D	09/30/2025	13:25
VW0930SBS01	VW0930SBS01	VW032300.D	09/30/2025	13:51
Mid Site Grid 5-7	Q3150-04	VW032303.D	09/30/2025	15:14

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: SCAL01
Lab Code: ACE
SDG NO.: Q3150
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

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG NO.: Q3150

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
Mid Site Grid 5-7RE	Q3150-04RE	VW032326.D	10/02/2025	12:51

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

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

Instrument ID: MSVOA_W Time Analyzed: 09:38

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	193605	7.95	337702	8.85	309889	11.63
UPPER LIMIT	387210	8.453	675404	9.349	619778	12.129
LOWER LIMIT	96802.5	7.453	168851	8.349	154945	11.129
EPA SAMPLE NO.						
MER Rd Con Ed	64103 *	7.96	128658 *	8.85	115897 *	11.64
VW0919SBL01	128568	7.96	281974	8.85	287563	11.63
VW0919SBS01	187746	7.96	322734	8.85	298059	11.63
VW0919SBSD01	180121	7.96	317195	8.86	296209	11.64

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

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

Instrument ID: MSVOA_W Time Analyzed: 09:38

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

	IS4 AREA #		RT #				
12 HOUR STD	159183		13.556				
UPPER LIMIT	318366		14.056				
LOWER LIMIT	79591.5		13.056				
EPA SAMPLE NO.							
MER Rd Con Ed	48770	*	13.56				
VW0919SBL01	136277		13.56				
VW0919SBS01	153629		13.56				
VW0919SBSD01	152766		13.56				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

Lab File ID: VW032223.D Date Analyzed: 09/22/2025

Instrument ID: MSVOA_W Time Analyzed: 08:47

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	201565	7.97	338923	8.86	319016	11.63
UPPER LIMIT	403130	8.465	677846	9.355	638032	12.129
LOWER LIMIT	100783	7.465	169462	8.355	159508	11.129
EPA SAMPLE NO.						
MER Rd Con EdRE	7560 *	7.96	13104 *	8.86	12413 *	11.64
VW0922SBL01	157714	7.97	321952	8.85	326905	11.63
VW0922SBS01	187927	7.96	311645	8.85	278316	11.64

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

Lab File ID: VW032223.D Date Analyzed: 09/22/2025

Instrument ID: MSVOA_W Time Analyzed: 08:47

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

	IS4 AREA #		RT #				
12 HOUR STD	160129		13.55				
UPPER LIMIT	320258		14.05				
LOWER LIMIT	80064.5		13.05				
EPA SAMPLE NO.							
MER Rd Con EdRE	4044	*	13.56				
VW0922SBL01	151656		13.56				
VW0922SBS01	149741		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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

Lab File ID: VW032298.D Date Analyzed: 09/30/2025

Instrument ID: MSVOA_W Time Analyzed: 12:54

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	244399	7.96	443869	8.85	407884	11.63
UPPER LIMIT	488798	8.459	887738	9.349	815768	12.129
LOWER LIMIT	122200	7.459	221935	8.349	203942	11.129
EPA SAMPLE NO.						
Mid Site Grid 5-7	73131 *	7.97	148995 *	8.85	140500 *	11.64
VW0930SBL01	181583	7.96	391867	8.85	387829	11.63
VW0930SBS01	217107	7.97	424498	8.85	400367	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

Lab File ID: VW032298.D Date Analyzed: 09/30/2025

Instrument ID: MSVOA_W Time Analyzed: 12:54

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

	IS4 AREA #	RT #				
12 HOUR STD	203513	13.55				
UPPER LIMIT	407026	14.05				
LOWER LIMIT	101757	13.05				
EPA SAMPLE NO.						
Mid Site Grid 5-7	58965 *	13.56				
VW0930SBL01	182932	13.56				
VW0930SBS01	206719	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

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.						
Mid Site Grid 5-7RE	66162 *	7.96	134684 *	8.85	117826 *	11.63
VW1002SBL01	200843	7.97	433970	8.85	450698	11.63
VW1002SBS01	277189	7.97	526280	8.85	484324	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG NO.: Q3150

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.							
Mid Site Grid 5-7RE	44519	*	13.55				
VW1002SBL01	204423		13.56				
VW1002SBS01	242228		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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	MER Rd Con Ed	SDG No.:	Q3150
Lab Sample ID:	Q3150-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.6
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032218.D	1	09/19/25 16:11	vw091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.87	U	0.87	5.50	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	UQ	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	UQ	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	UQ	1.10	5.50	ug/Kg
67-64-1	Acetone	5.20	U	5.20	27.6	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.81	U	0.81	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.88	U	0.88	5.50	ug/Kg
110-82-7	Cyclohexane	0.87	U	0.87	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.83	U	0.83	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.93	U	0.93	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.87	U	0.87	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	0.87	5.50	ug/Kg
79-01-6	Trichloroethene	0.89	U	0.89	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	0.86	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	27.6	ug/Kg
108-88-3	Toluene	0.86	U	0.86	5.50	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	MER Rd Con Ed	SDG No.:	Q3150
Lab Sample ID:	Q3150-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.6
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032218.D	1	09/19/25 16:11	vw091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.68	U	0.68	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	27.6	ug/Kg
124-48-1	Dibromochloromethane	0.96	U	0.96	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	0.97	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.74	U	0.74	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.0	ug/Kg
95-47-6	o-Xylene	0.91	U	0.91	5.50	ug/Kg
100-42-5	Styrene	0.78	U	0.78	5.50	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	0.86	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		70 - 134	92%	SPK: 50
2037-26-5	Toluene-d8	40.0		74 - 123	80%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.4		17 - 146	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	64100	7.959			
540-36-3	1,4-Difluorobenzene	129000	8.849			
3114-55-4	Chlorobenzene-d5	116000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	48800	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	MER Rd Con Ed	SDG No.:	Q3150
Lab Sample ID:	Q3150-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.6
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032218.D	1	09/19/25 16:11	vw091925

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032218.D
Acq On : 19 Sep 2025 16:11
Operator : SY/MD
Sample : Q3150-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con Ed

Quant Time: Sep 19 23:12:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	64103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	128658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	115897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	48770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	45613	49.755	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	99.500%		
35) Dibromofluoromethane	7.898	113	41707	46.205	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	92.400%		
50) Toluene-d8	10.331	98	126707	39.986	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	79.980%		
62) 4-Bromofluorobenzene	12.617	95	48528	41.415	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	82.820%		
Target Compounds						Qvalue

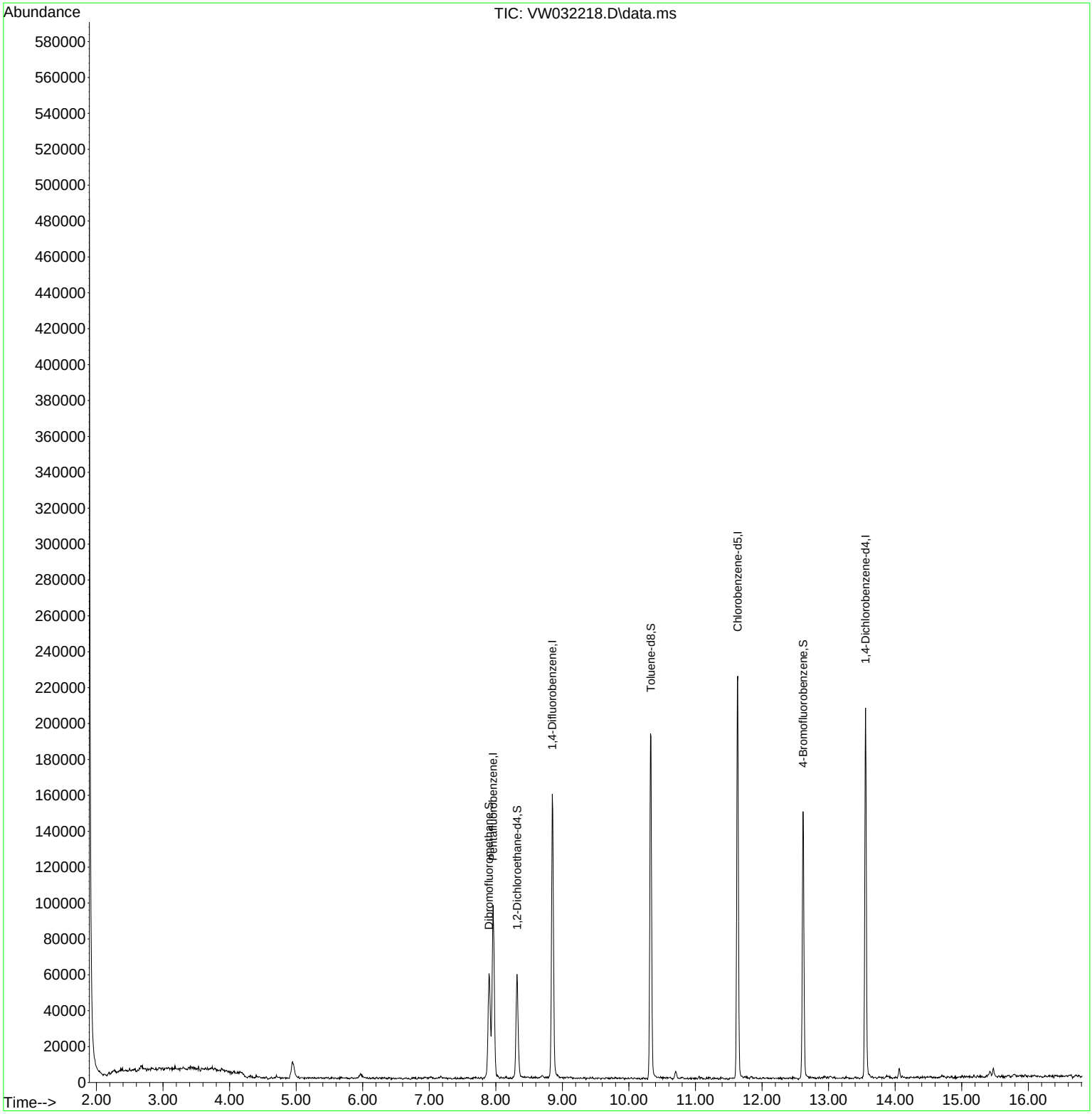
(#) = qualifier out of range (m) = manual integration (+) = signals summed

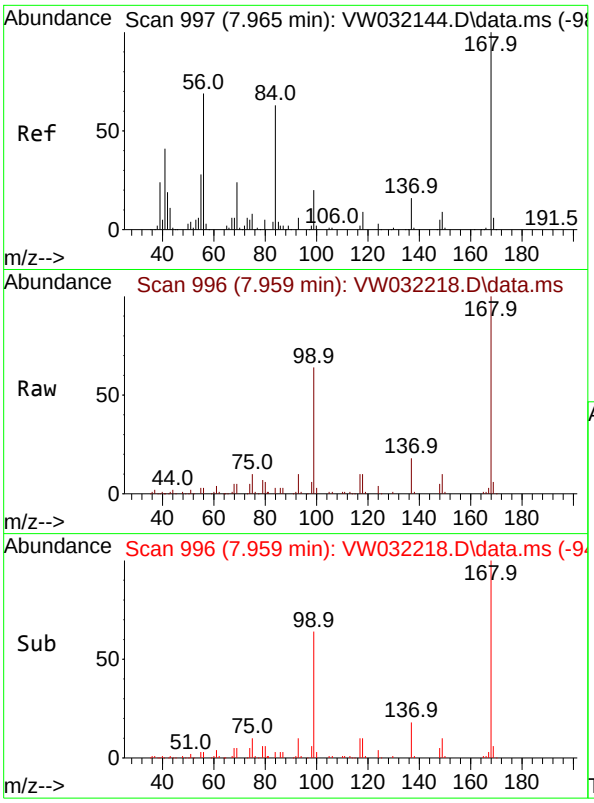
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032218.D
Acq On : 19 Sep 2025 16:11
Operator : SY/MD
Sample : Q3150-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con Ed

Quant Time: Sep 19 23:12:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



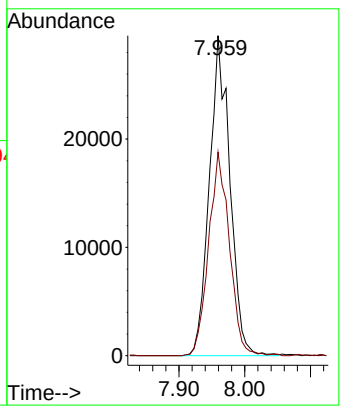


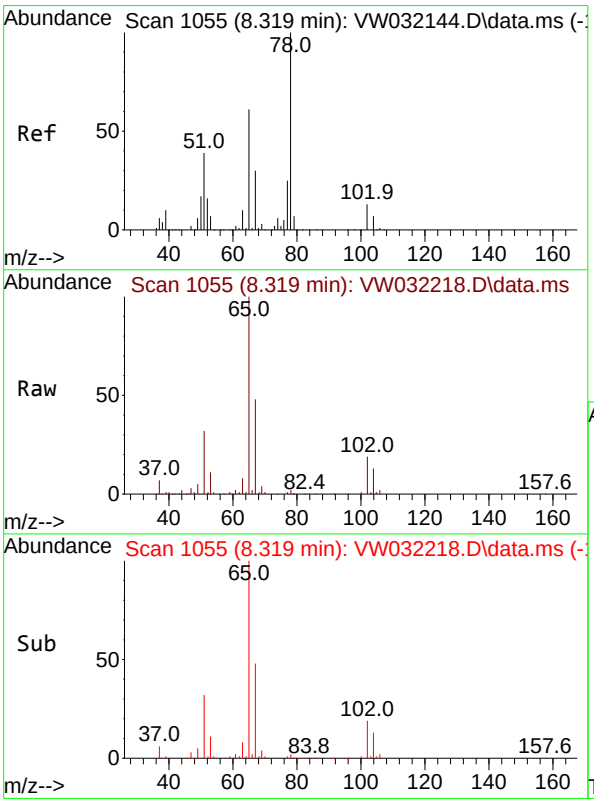
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con Ed

Tgt Ion:168 Resp: 64103

Ion	Ratio	Lower	Upper
168	100		
99	63.6	49.3	73.9

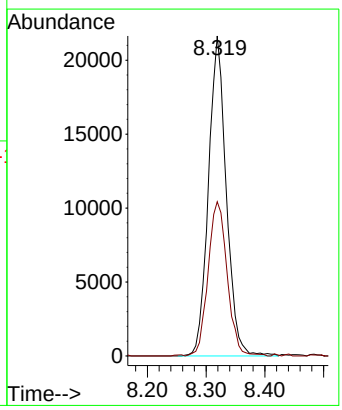


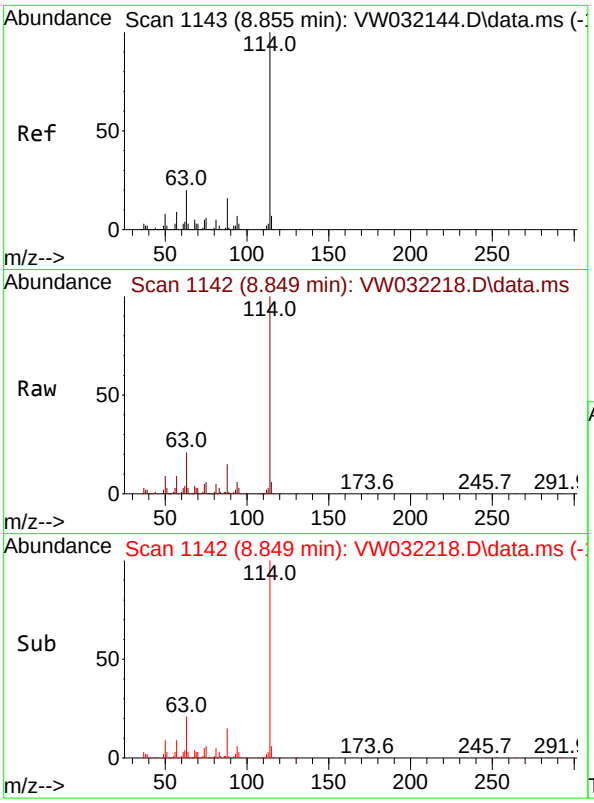


#33
1,2-Dichloroethane-d4
Concen: 49.755 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Tgt Ion: 65 Resp: 45613

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	99.6



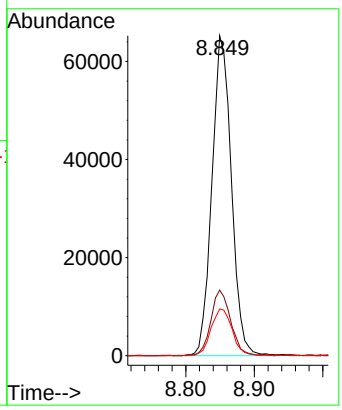


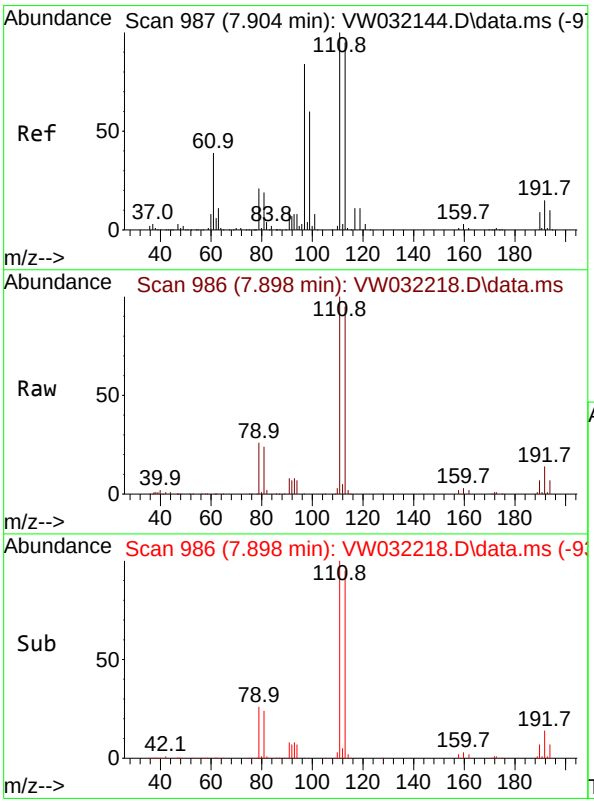
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con Ed

Tgt Ion:114 Resp: 128658

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	14.5	0.0	32.0

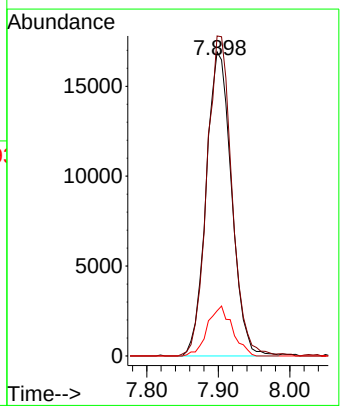


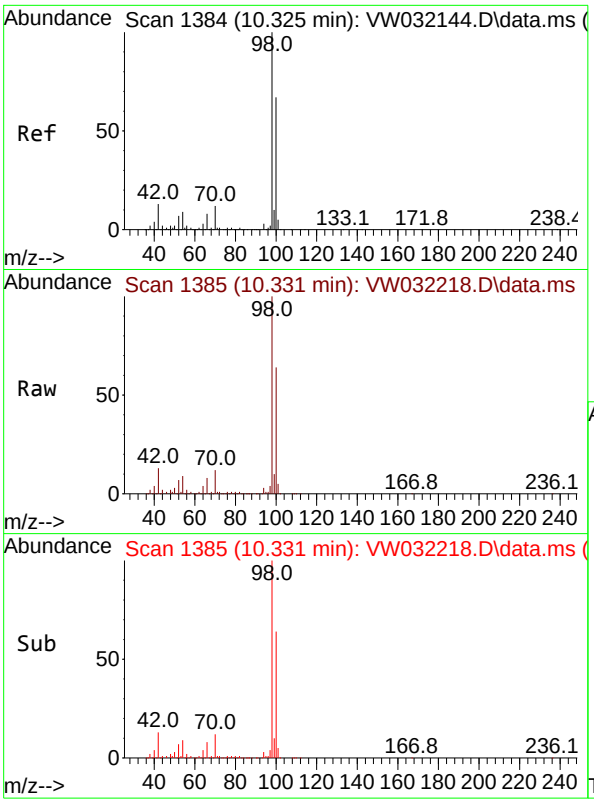


#35
Dibromofluoromethane
Concen: 46.205 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Tgt Ion:113 Resp: 41707

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.9	125.9
192	16.2	14.6	21.8



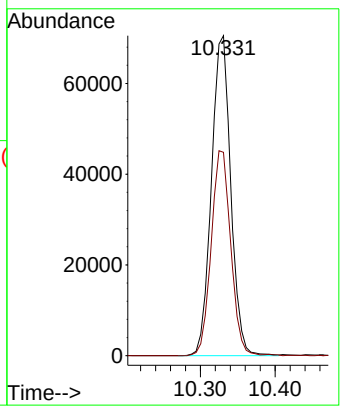


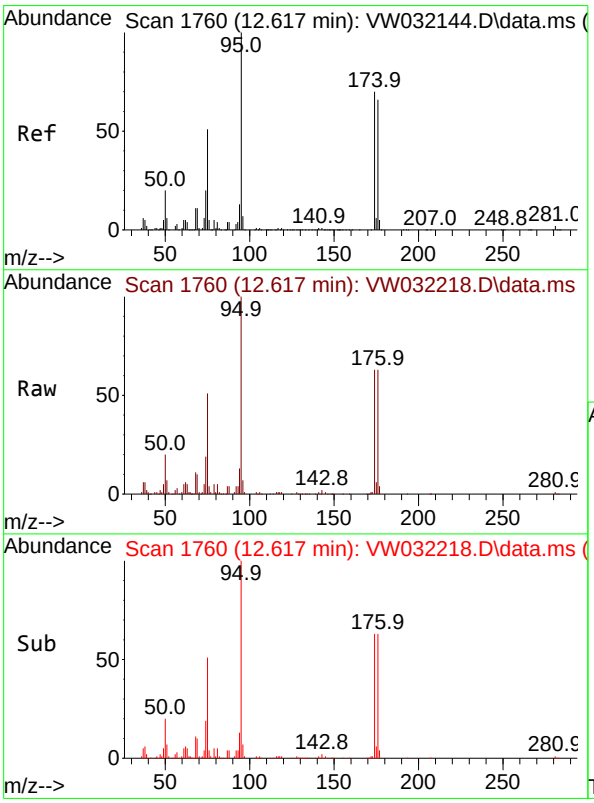
#50
Toluene-d8
Concen: 39.986 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con Ed

Tgt Ion: 98 Resp: 126707

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.2

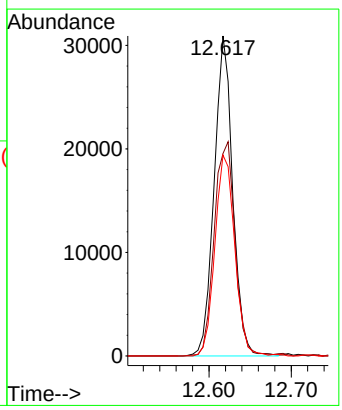


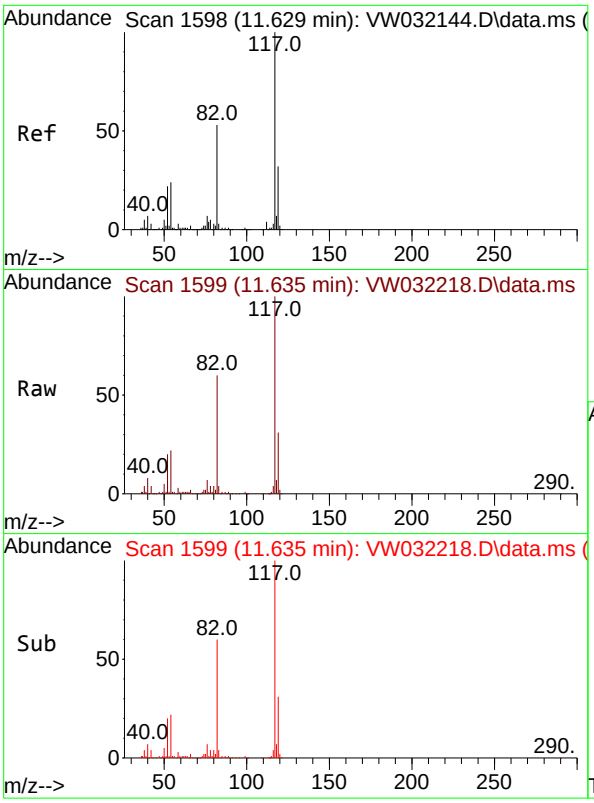


#62
4-Bromofluorobenzene
Concen: 41.415 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Tgt Ion: 95 Resp: 48528

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	145.6
176	67.4	0.0	140.8



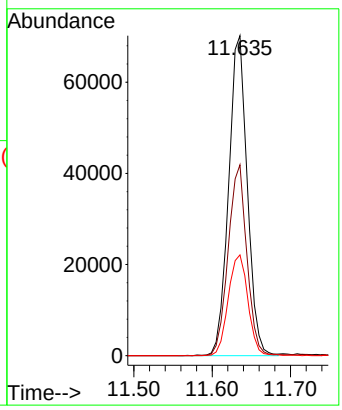


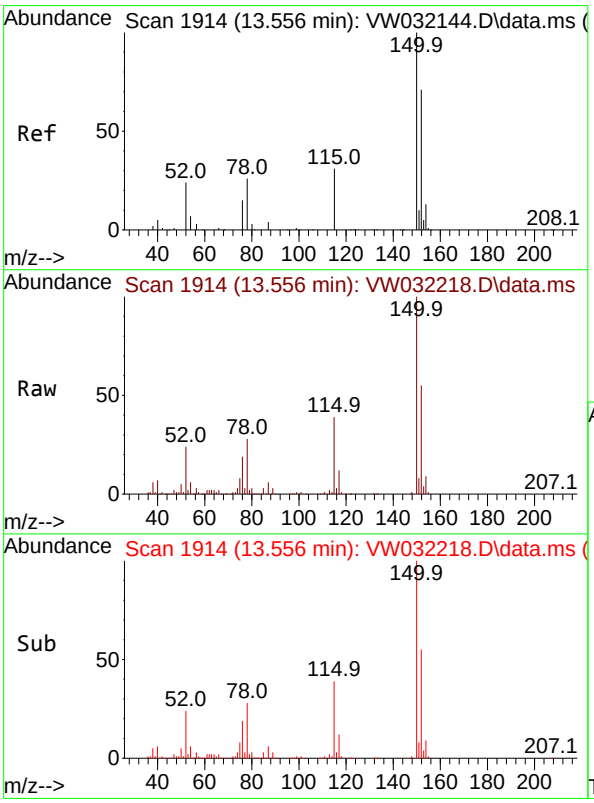
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con Ed

Tgt Ion:117 Resp: 115897

Ion	Ratio	Lower	Upper
117	100		
82	59.7	42.7	64.1
119	31.5	25.2	37.8

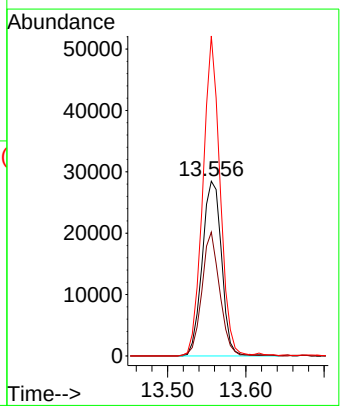




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032218.D
Acq: 19 Sep 2025 16:11

Tgt Ion:152 Resp: 48770

Ion	Ratio	Lower	Upper
152	100		
115	65.2	31.8	95.4
150	162.3	0.0	343.0



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	MER Rd Con EdRE	SDG No.:	Q3150
Lab Sample ID:	Q3150-02RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.6
Sample Wt/Vol:	4.14 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032227.D	1	09/22/25 12:11	VW092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	6.70	ug/Kg
74-87-3	Chloromethane	1.50	U	1.50	6.70	ug/Kg
75-01-4	Vinyl Chloride	1.10	U	1.10	6.70	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.70	ug/Kg
75-00-3	Chloroethane	1.70	UQ	1.70	6.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.60	U	1.60	6.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.70	ug/Kg
75-35-4	1,1-Dichloroethene	1.30	U	1.30	6.70	ug/Kg
67-64-1	Acetone	6.30	U	6.30	33.3	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	6.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.97	U	0.97	6.70	ug/Kg
79-20-9	Methyl Acetate	2.10	U	2.10	6.70	ug/Kg
75-09-2	Methylene Chloride	4.70	U	4.70	13.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.70	ug/Kg
75-34-3	1,1-Dichloroethane	1.10	U	1.10	6.70	ug/Kg
110-82-7	Cyclohexane	1.10	U	1.10	6.70	ug/Kg
78-93-3	2-Butanone	8.70	U	8.70	33.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.30	U	1.30	6.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.00	U	1.00	6.70	ug/Kg
74-97-5	Bromochloromethane	1.50	U	1.50	6.70	ug/Kg
67-66-3	Chloroform	1.10	U	1.10	6.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.70	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.70	ug/Kg
71-43-2	Benzene	1.10	U	1.10	6.70	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	6.70	ug/Kg
79-01-6	Trichloroethene	1.10	U	1.10	6.70	ug/Kg
78-87-5	1,2-Dichloropropane	1.20	U	1.20	6.70	ug/Kg
75-27-4	Bromodichloromethane	1.00	U	1.00	6.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.80	U	4.80	33.3	ug/Kg
108-88-3	Toluene	1.00	U	1.00	6.70	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	MER Rd Con EdRE	SDG No.:	Q3150
Lab Sample ID:	Q3150-02RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.6
Sample Wt/Vol:	4.14 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032227.D	1	09/22/25 12:11	VW092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.87	U	0.87	6.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.83	U	0.83	6.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.20	U	1.20	6.70	ug/Kg
591-78-6	2-Hexanone	4.90	U	4.90	33.3	ug/Kg
124-48-1	Dibromochloromethane	1.20	U	1.20	6.70	ug/Kg
106-93-4	1,2-Dibromoethane	1.20	U	1.20	6.70	ug/Kg
127-18-4	Tetrachloroethene	1.40	U	1.40	6.70	ug/Kg
108-90-7	Chlorobenzene	1.20	U	1.20	6.70	ug/Kg
100-41-4	Ethyl Benzene	0.89	U	0.89	6.70	ug/Kg
179601-23-1	m/p-Xylenes	1.70	U	1.70	13.3	ug/Kg
95-47-6	o-Xylene	1.10	U	1.10	6.70	ug/Kg
100-42-5	Styrene	0.95	U	0.95	6.70	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.70	ug/Kg
98-82-8	Isopropylbenzene	1.00	U	1.00	6.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1.60	6.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.30	U	2.30	6.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.10	U	2.10	6.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.90	6.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.50	U	2.50	6.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.00	U	4.00	6.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.20	U	4.20	6.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.5		63 - 155	127%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	41.1		74 - 123	82%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.9		17 - 146	60%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	7560	7.959			
540-36-3	1,4-Difluorobenzene	13100	8.856			
3114-55-4	Chlorobenzene-d5	12400	11.636			
3855-82-1	1,4-Dichlorobenzene-d4	4040	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	MER Rd Con EdRE	SDG No.:	Q3150
Lab Sample ID:	Q3150-02RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.6
Sample Wt/Vol:	4.14 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032227.D	1	09/22/25 12:11	VW092225

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032227.D
Acq On : 22 Sep 2025 12:11
Operator : SY/MD
Sample : Q3150-02RE
Misc : 4.14g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con EdRE

Quant Time: Sep 23 06:26:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

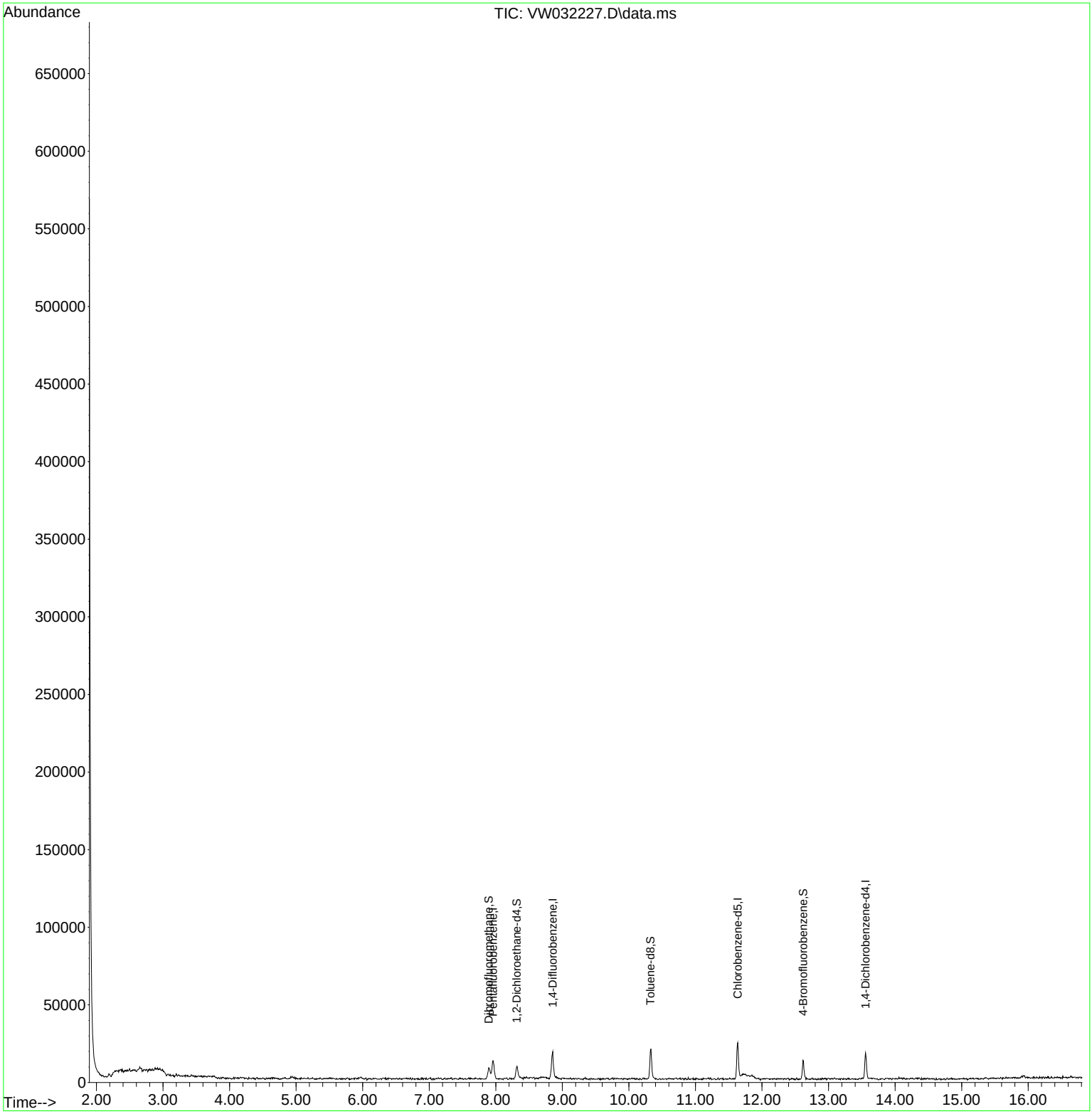
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	7560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	13104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	12413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	4044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	6868	63.523	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 127.040%			
35) Dibromofluoromethane	7.892	113	5036	54.777	ug/l	-0.01
Spiked Amount 50.000	Range 70 - 134		Recovery = 109.560%			
50) Toluene-d8	10.325	98	13265	41.101	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 82.200%			
62) 4-Bromofluorobenzene	12.617	95	3574	29.947	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 59.900%			
Target Compounds						Qvalue

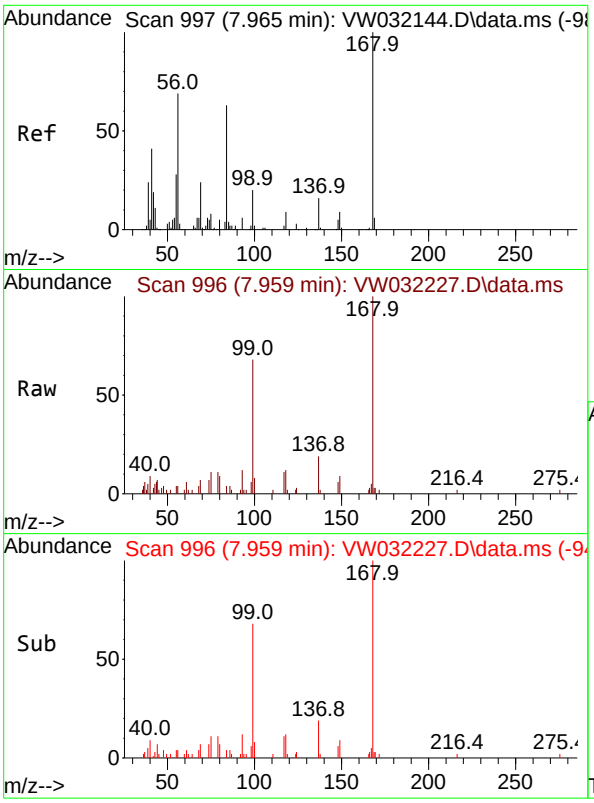
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032227.D
Acq On : 22 Sep 2025 12:11
Operator : SY/MD
Sample : Q3150-02RE
Misc : 4.14g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con EdRE

Quant Time: Sep 23 06:26:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



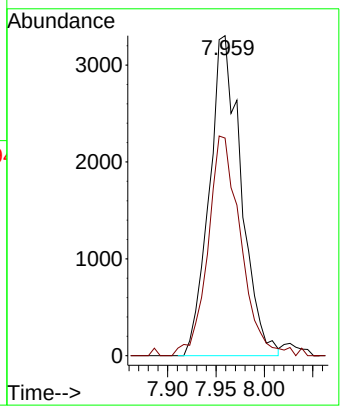


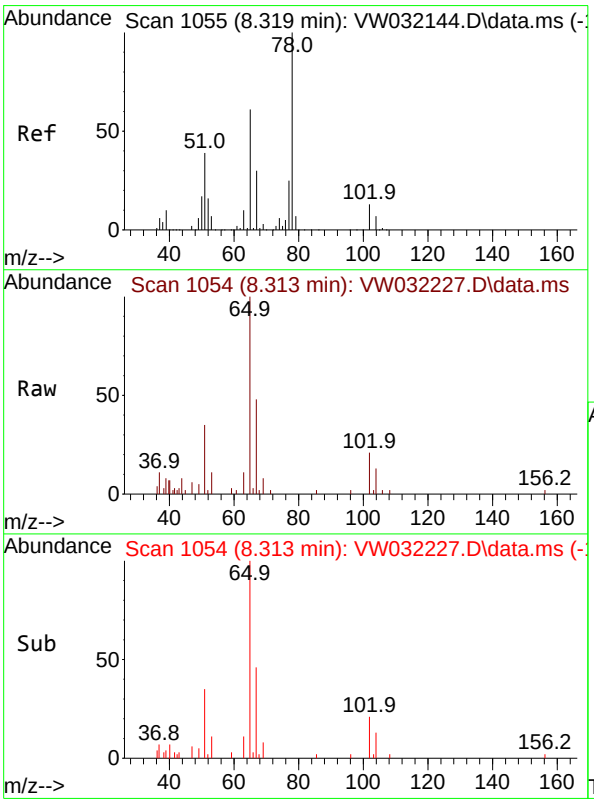
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con EdRE

Tgt Ion:168 Resp: 7560

Ion	Ratio	Lower	Upper
168	100		
99	65.8	49.3	73.9

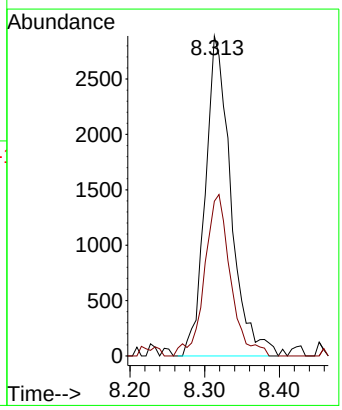


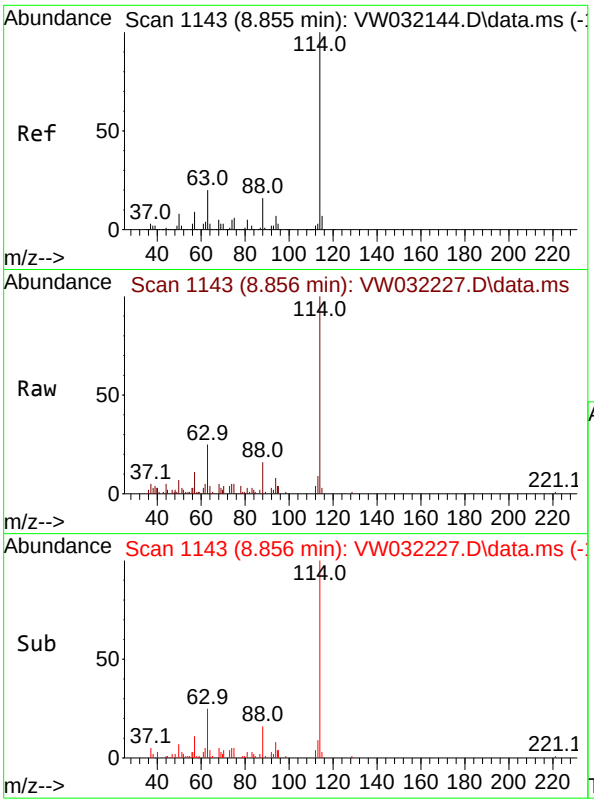


#33
1,2-Dichloroethane-d4
Concen: 63.523 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Tgt Ion: 65 Resp: 6868

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.6



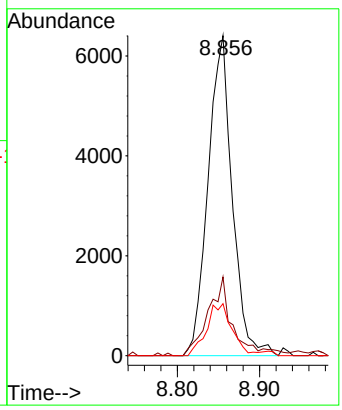


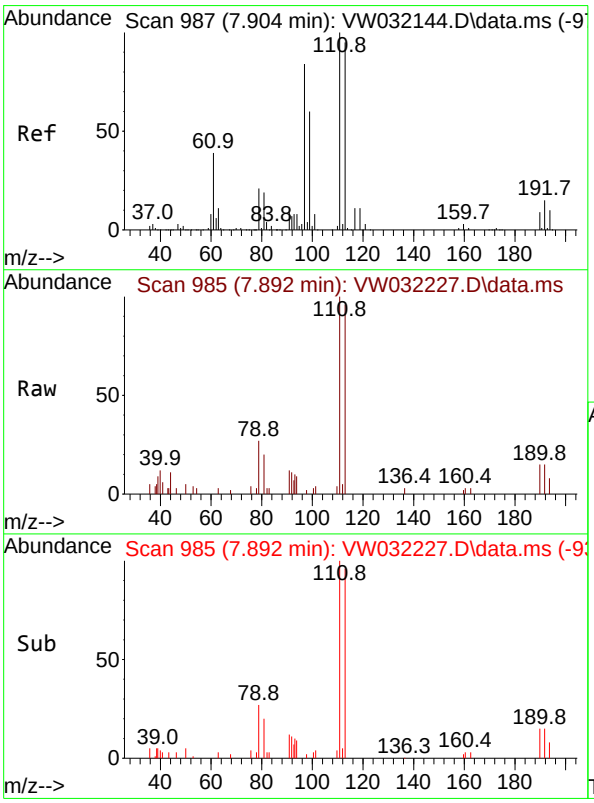
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con EdRE

Tgt Ion:114 Resp: 13104

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	40.4
88	16.3	0.0	32.0

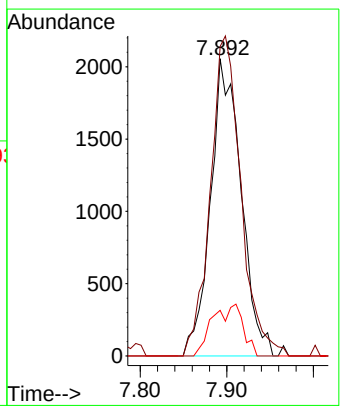


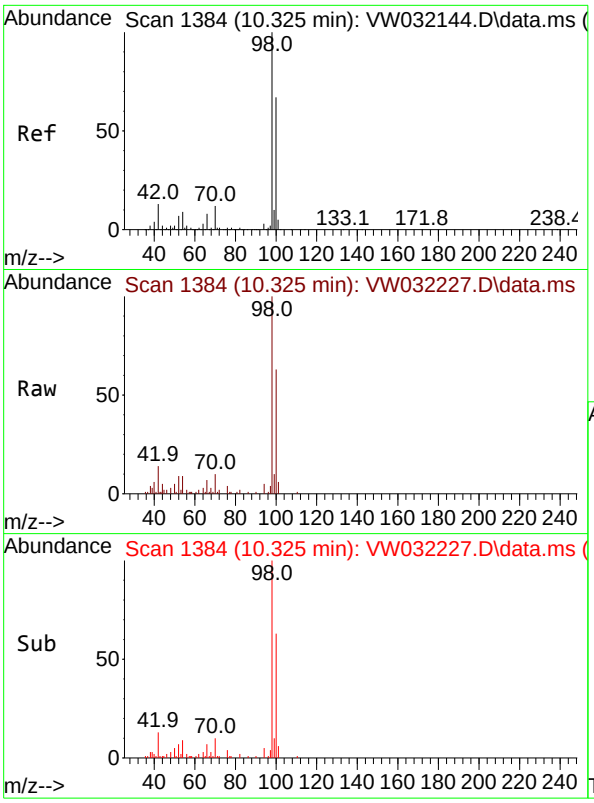


#35
Dibromofluoromethane
Concen: 54.777 ug/l
RT: 7.892 min Scan# 985
Delta R.T. -0.012 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Tgt Ion:113 Resp: 5036

Ion	Ratio	Lower	Upper
113	100		
111	107.7	83.9	125.9
192	17.5	14.6	21.8



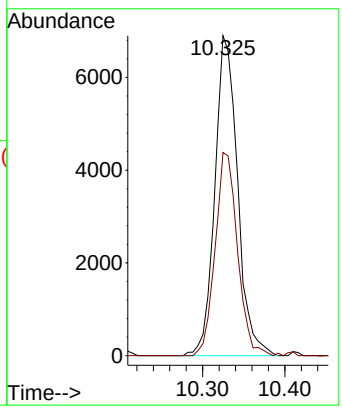


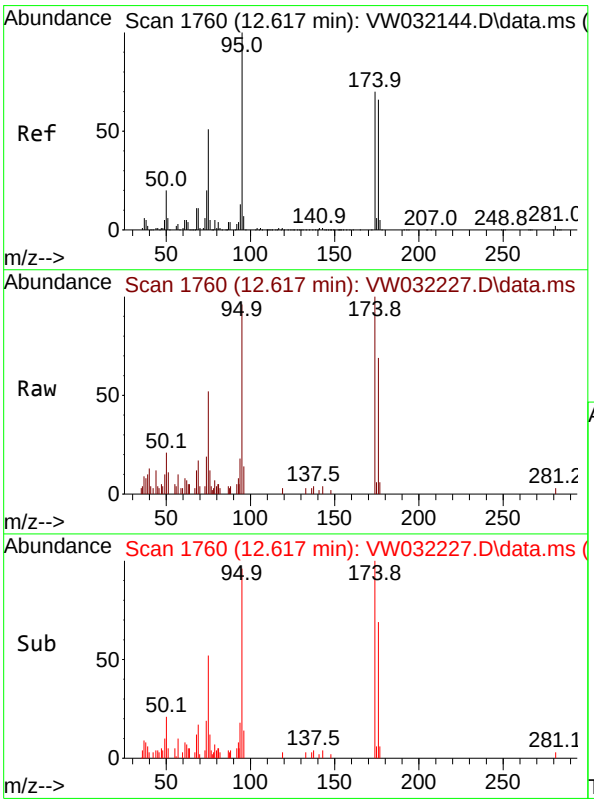
#50
Toluene-d8
Concen: 41.101 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con EdRE

Tgt Ion: 98 Resp: 13265

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.4	77.2

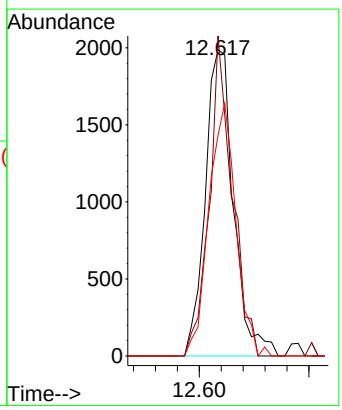


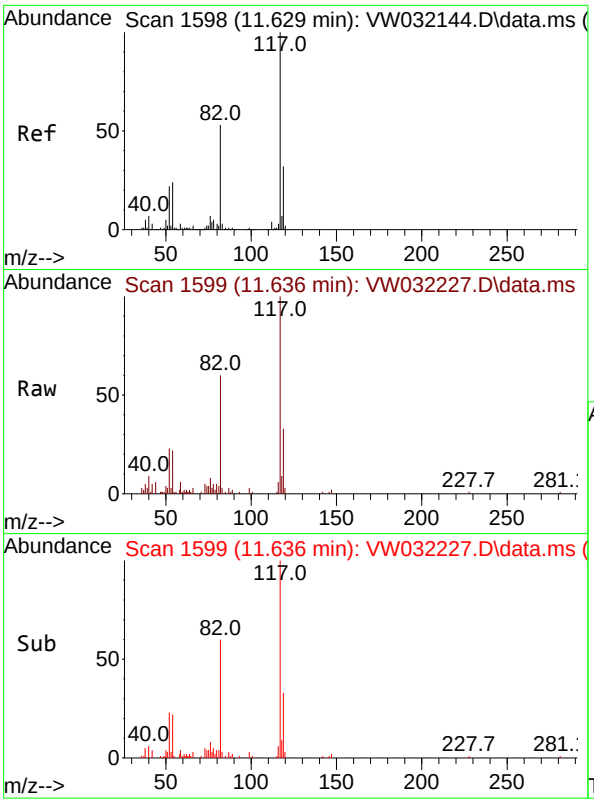


#62
4-Bromofluorobenzene
Concen: 29.947 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Tgt Ion: 95 Resp: 3574

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	145.6
176	78.9	0.0	140.8



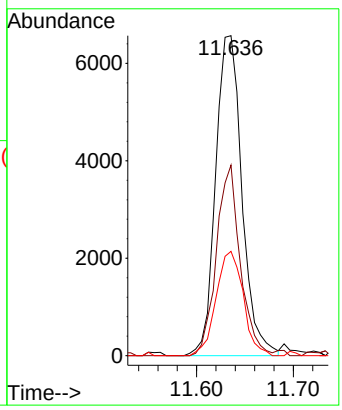


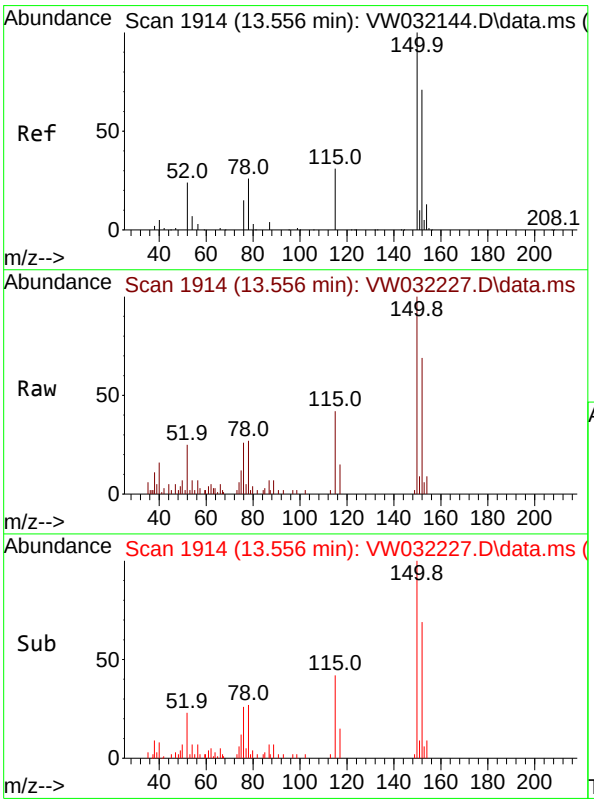
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Instrument :
MSVOA_W
ClientSampleId :
MER Rd Con EdRE

Tgt Ion:117 Resp: 12413

Ion	Ratio	Lower	Upper
117	100		
82	59.6	42.7	64.1
119	32.6	25.2	37.8

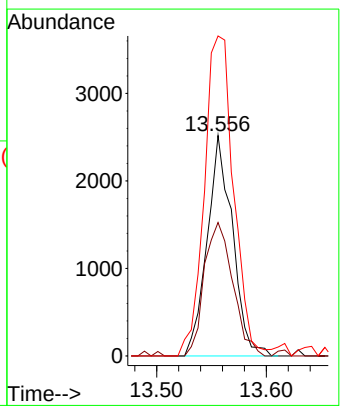




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032227.D
Acq: 22 Sep 2025 12:11

Tgt Ion:152 Resp: 4044

Ion	Ratio	Lower	Upper
152	100		
115	68.3	31.8	95.4
150	167.9	0.0	343.0



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	Mid Site Grid 5-7	SDG No.:	Q3150
Lab Sample ID:	Q3150-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032303.D	1	09/30/25 15:14	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	6.50	ug/Kg
74-87-3	Chloromethane	1.50	U	1.50	6.50	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.50	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.50	ug/Kg
75-00-3	Chloroethane	1.60	U	1.60	6.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.60	U	1.60	6.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.30	U	1.30	6.50	ug/Kg
67-64-1	Acetone	19.2	J	6.20	32.6	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	6.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.95	U	0.95	6.50	ug/Kg
79-20-9	Methyl Acetate	2.00	U	2.00	6.50	ug/Kg
75-09-2	Methylene Chloride	15.6		4.60	13.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.50	ug/Kg
75-34-3	1,1-Dichloroethane	1.00	U	1.00	6.50	ug/Kg
110-82-7	Cyclohexane	1.00	U	1.00	6.50	ug/Kg
78-93-3	2-Butanone	8.50	U	8.50	32.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.30	U	1.30	6.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.98	U	0.98	6.50	ug/Kg
74-97-5	Bromochloromethane	1.50	U	1.50	6.50	ug/Kg
67-66-3	Chloroform	1.10	U	1.10	6.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.50	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.50	ug/Kg
71-43-2	Benzene	1.00	U	1.00	6.50	ug/Kg
107-06-2	1,2-Dichloroethane	1.00	U	1.00	6.50	ug/Kg
79-01-6	Trichloroethene	1.10	U	1.10	6.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.20	U	1.20	6.50	ug/Kg
75-27-4	Bromodichloromethane	1.00	U	1.00	6.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.70	U	4.70	32.6	ug/Kg
108-88-3	Toluene	1.00	U	1.00	6.50	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	Mid Site Grid 5-7	SDG No.:	Q3150
Lab Sample ID:	Q3150-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032303.D	1	09/30/25 15:14	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.85	U	0.85	6.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.81	U	0.81	6.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.20	U	1.20	6.50	ug/Kg
591-78-6	2-Hexanone	4.80	U	4.80	32.6	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	6.50	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.50	ug/Kg
127-18-4	Tetrachloroethene	1.40	U	1.40	6.50	ug/Kg
108-90-7	Chlorobenzene	1.20	U	1.20	6.50	ug/Kg
100-41-4	Ethyl Benzene	0.87	U	0.87	6.50	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	13.0	ug/Kg
95-47-6	o-Xylene	1.10	U	1.10	6.50	ug/Kg
100-42-5	Styrene	0.93	U	0.93	6.50	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.50	ug/Kg
98-82-8	Isopropylbenzene	1.00	U	1.00	6.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1.60	6.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	2.20	6.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	2.00	6.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.90	6.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	2.40	6.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.90	U	3.90	6.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.10	U	4.10	6.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		70 - 134	93%	SPK: 50
2037-26-5	Toluene-d8	43.1		74 - 123	86%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.2		17 - 146	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	73100	7.965			
540-36-3	1,4-Difluorobenzene	149000	8.849			
3114-55-4	Chlorobenzene-d5	141000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	59000	13.555			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	Mid Site Grid 5-7	SDG No.:	Q3150
Lab Sample ID:	Q3150-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032303.D	1	09/30/25 15:14	VW093025

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032303.D
Acq On : 30 Sep 2025 15:14
Operator : SY/MD
Sample : Q3150-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

Quant Time: Oct 01 00:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

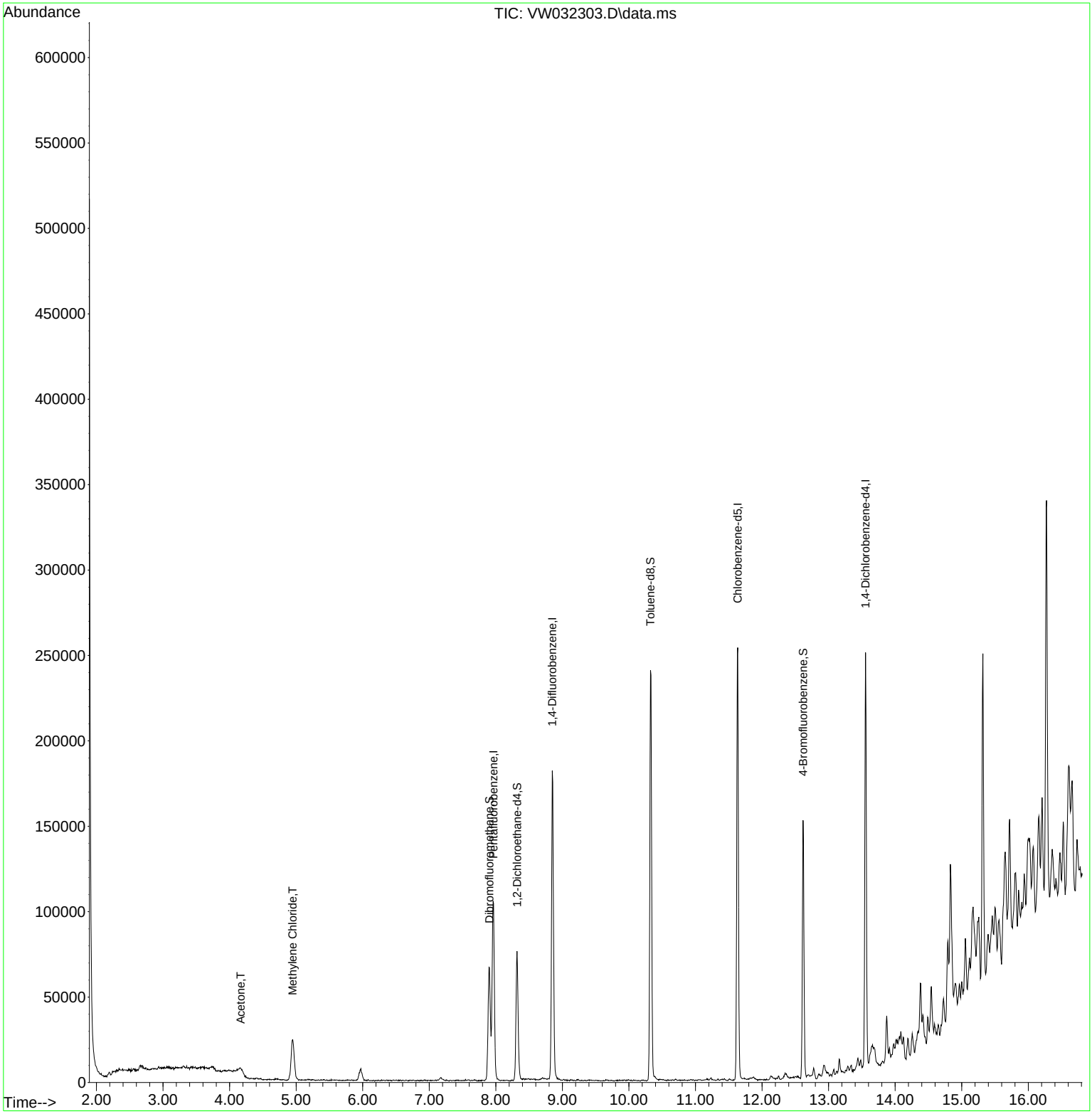
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	73131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	148995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	140500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	58965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	60653	52.526	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.060%			
35) Dibromofluoromethane	7.904	113	49577	46.268	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 92.540%			
50) Toluene-d8	10.324	98	166304	43.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 86.120%			
62) 4-Bromofluorobenzene	12.617	95	54149	37.173	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 74.340%			
Target Compounds						Qvalue
16) Acetone	4.167	43	4357	14.692	ug/l	92
20) Methylene Chloride	4.947	84	18998	11.998	ug/l	97

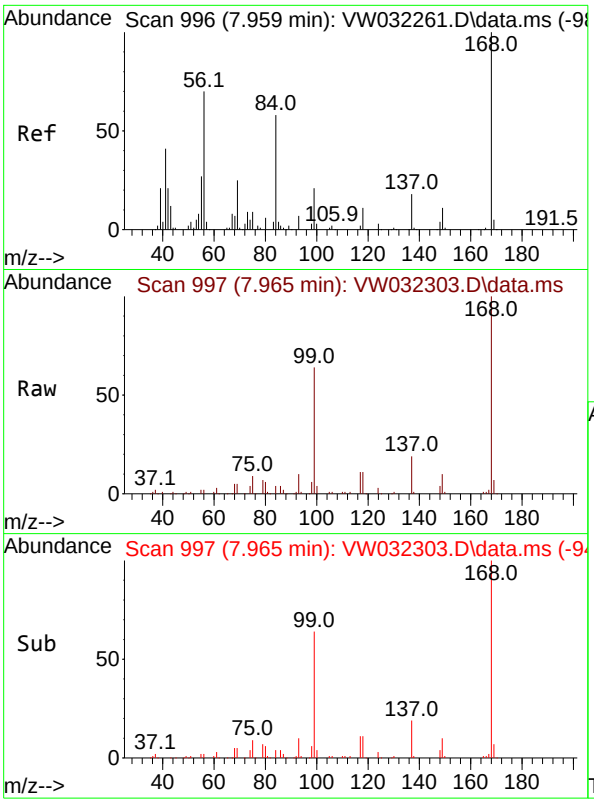
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032303.D
Acq On : 30 Sep 2025 15:14
Operator : SY/MD
Sample : Q3150-04
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

Quant Time: Oct 01 00:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration



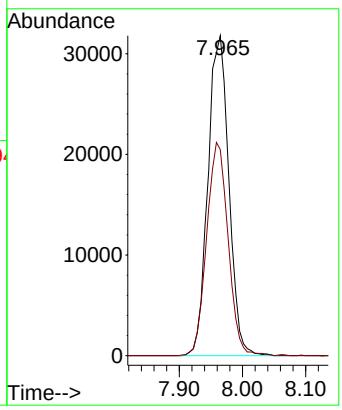


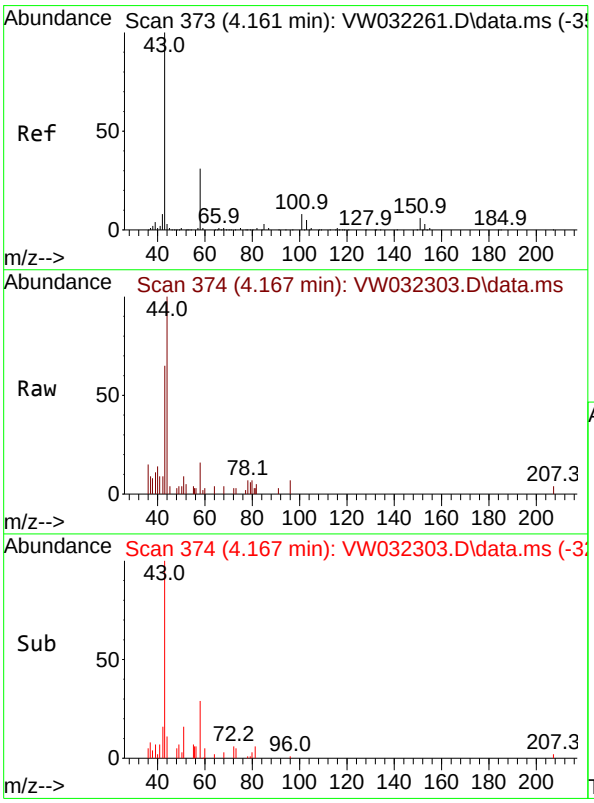
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

Tgt Ion:168 Resp: 73131

Ion	Ratio	Lower	Upper
168	100		
99	64.4	55.0	82.4

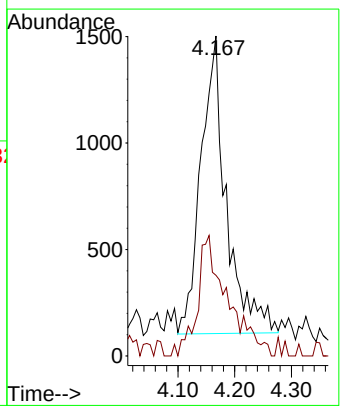


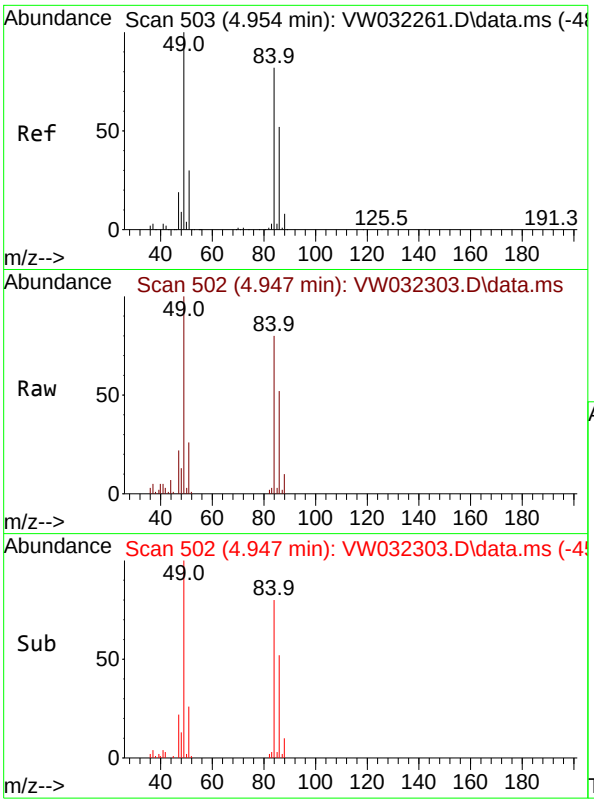


#16
Acetone
Concen: 14.692 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion: 43 Resp: 4357

Ion	Ratio	Lower	Upper
43	100		
58	27.2	25.4	38.0



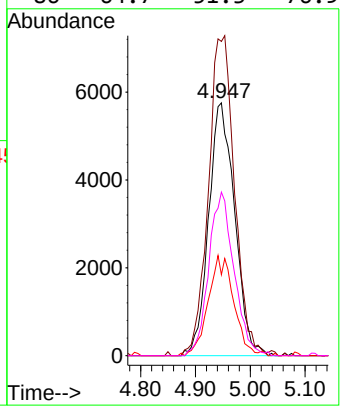


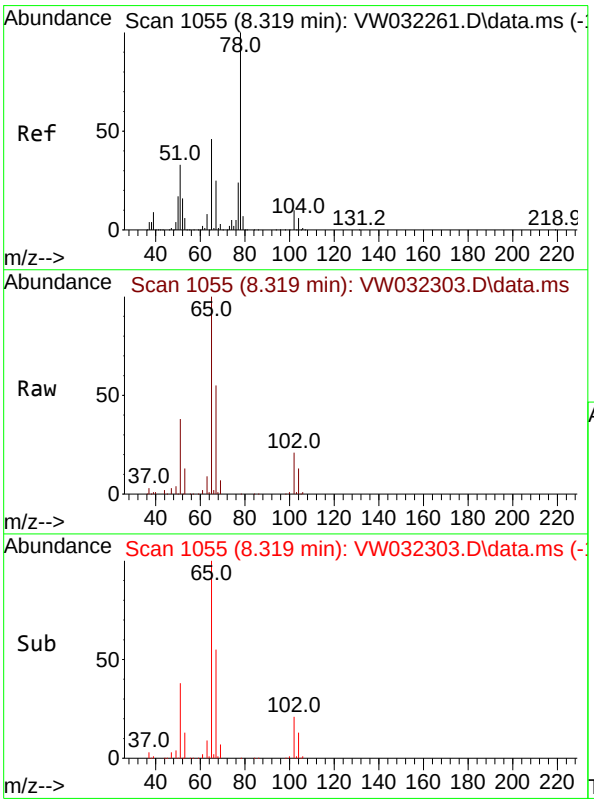
#20
Methylene Chloride
Concen: 11.998 ug/l
RT: 4.947 min Scan# 5
Delta R.T. -0.007 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

Tgt Ion: 84 Resp: 18998

Ion	Ratio	Lower	Upper
84	100		
49	124.3	97.8	146.6
51	32.0	29.9	44.9
86	64.7	51.3	76.9

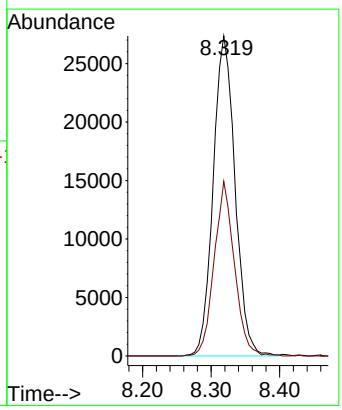


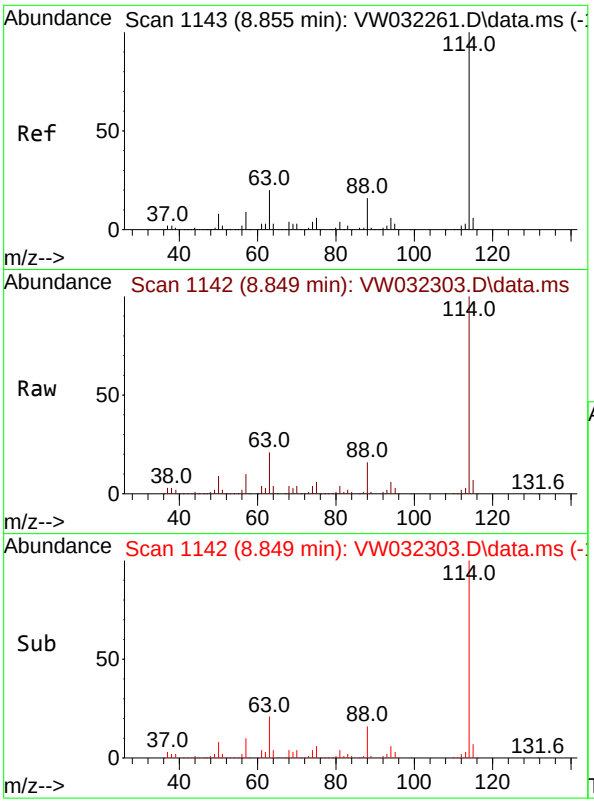


#33
1,2-Dichloroethane-d4
Concen: 52.526 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion: 65 Resp: 60653

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.8



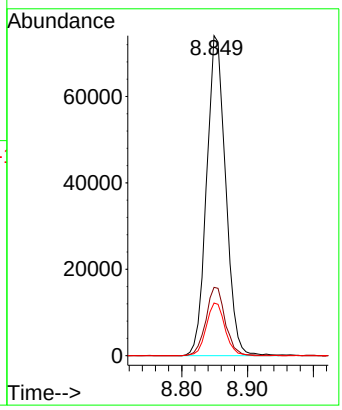


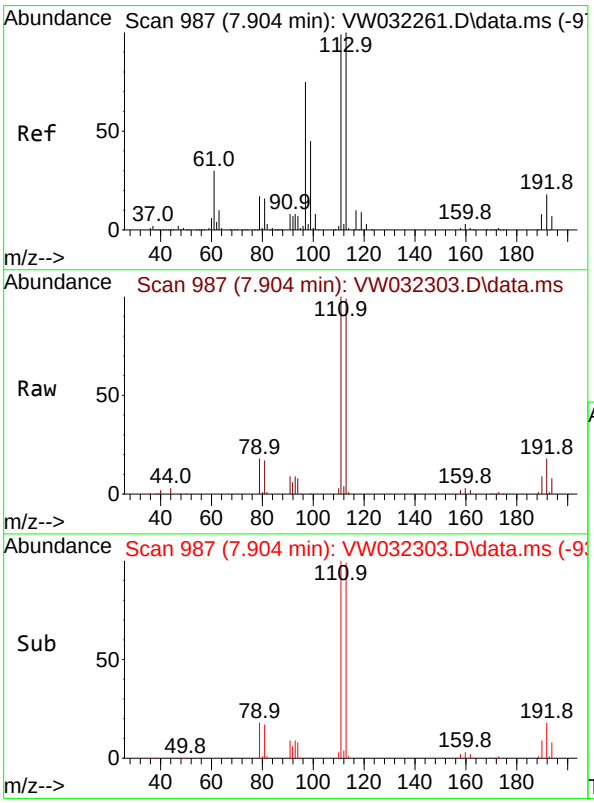
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

Tgt Ion:114 Resp: 148995

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.2
88	16.4	0.0	32.0

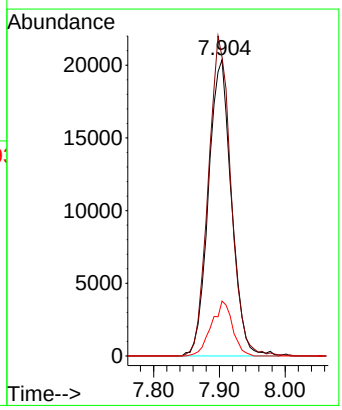


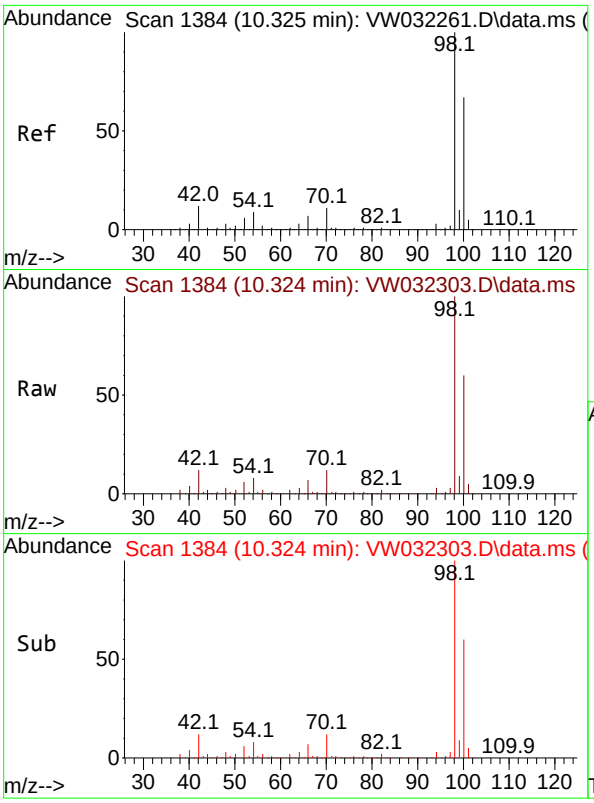


#35
Dibromofluoromethane
Concen: 46.268 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion:113 Resp: 49577

Ion	Ratio	Lower	Upper
113	100		
111	106.4	81.8	122.8
192	16.9	13.0	19.4



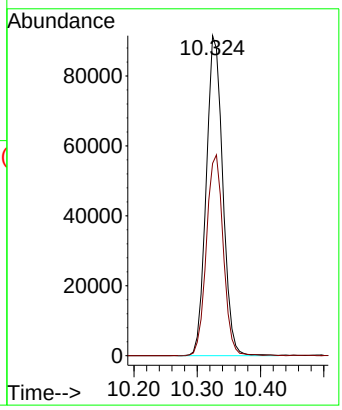


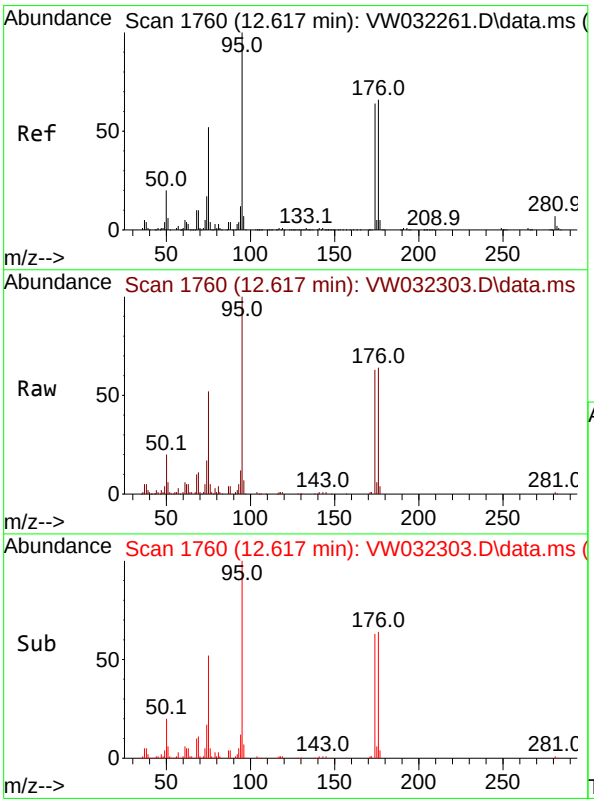
#50
Toluene-d8
Concen: 43.064 ug/l
RT: 10.324 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

Tgt Ion: 98 Resp: 166304

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.0	79.4

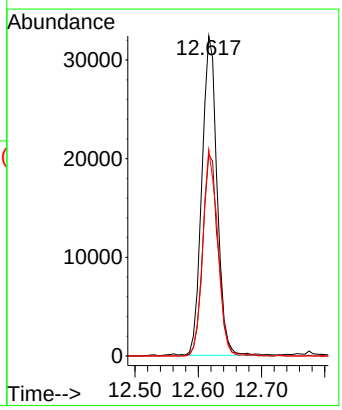


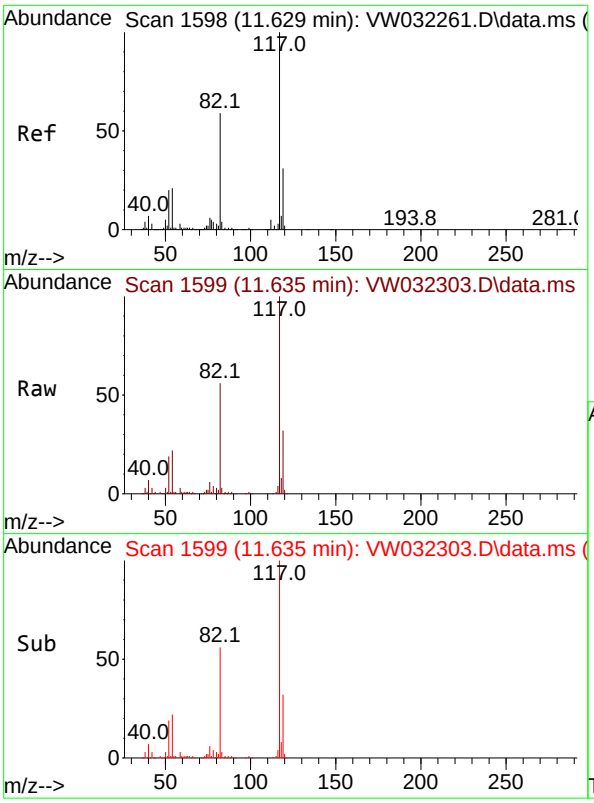


#62
4-Bromofluorobenzene
Concen: 37.173 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion: 95 Resp: 54149

Ion	Ratio	Lower	Upper
95	100		
174	64.1	0.0	130.6
176	62.7	0.0	127.0



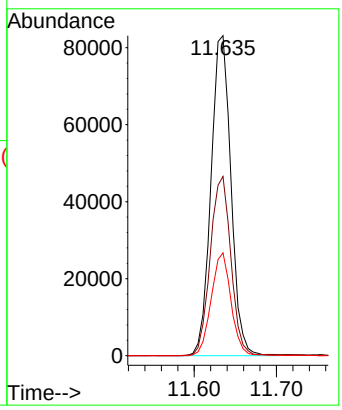


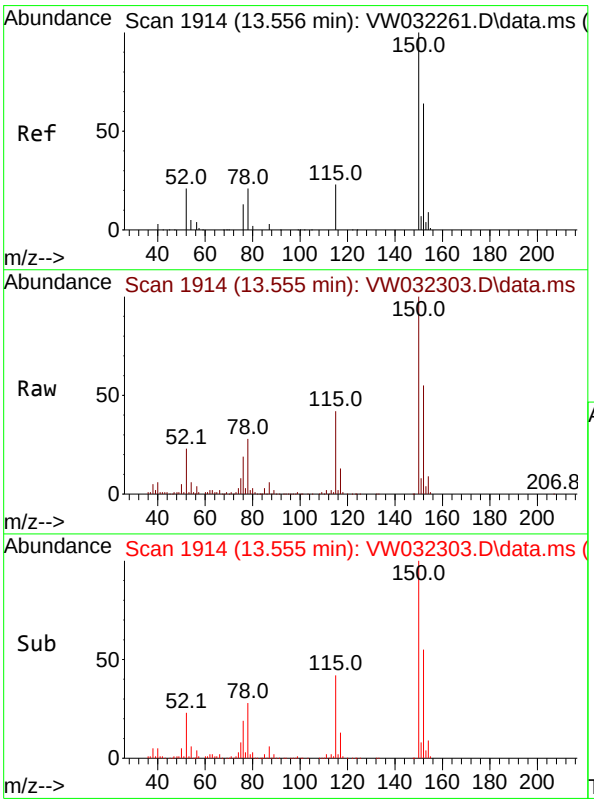
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

Tgt Ion:117 Resp: 140500

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.9	70.3
119	32.2	24.9	37.3

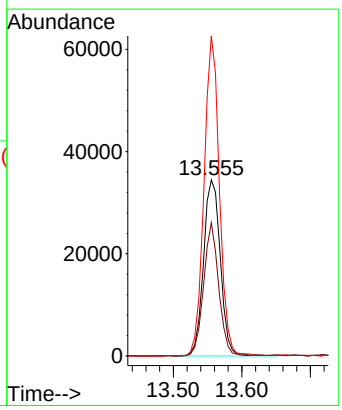




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion:152 Resp: 58965

Ion	Ratio	Lower	Upper
152	100		
115	67.4	32.5	97.5
150	165.2	0.0	370.2



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	Mid Site Grid 5-7RE	SDG No.:	Q3150
Lab Sample ID:	Q3150-04RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032326.D	1	10/02/25 12:51	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	6.40	ug/Kg
74-87-3	Chloromethane	1.50	U	1.50	6.40	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.40	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.40	ug/Kg
75-00-3	Chloroethane	1.60	U	1.60	6.40	ug/Kg
75-69-4	Trichlorofluoromethane	1.60	U	1.60	6.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.30	U	1.30	6.40	ug/Kg
67-64-1	Acetone	18.5	J	6.10	32.2	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	6.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.94	U	0.94	6.40	ug/Kg
79-20-9	Methyl Acetate	2.00	U	2.00	6.40	ug/Kg
75-09-2	Methylene Chloride	11.1	JQ	4.50	12.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.40	ug/Kg
75-34-3	1,1-Dichloroethane	1.00	U	1.00	6.40	ug/Kg
110-82-7	Cyclohexane	1.00	U	1.00	6.40	ug/Kg
78-93-3	2-Butanone	8.40	U	8.40	32.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.97	U	0.97	6.40	ug/Kg
74-97-5	Bromochloromethane	1.50	U	1.50	6.40	ug/Kg
67-66-3	Chloroform	1.10	U	1.10	6.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.40	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.40	ug/Kg
71-43-2	Benzene	1.00	U	1.00	6.40	ug/Kg
107-06-2	1,2-Dichloroethane	1.00	U	1.00	6.40	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.40	ug/Kg
78-87-5	1,2-Dichloropropane	1.20	U	1.20	6.40	ug/Kg
75-27-4	Bromodichloromethane	1.00	U	1.00	6.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.60	U	4.60	32.2	ug/Kg
108-88-3	Toluene	1.00	U	1.00	6.40	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	Mid Site Grid 5-7RE	SDG No.:	Q3150
Lab Sample ID:	Q3150-04RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032326.D	1	10/02/25 12:51	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.84	U	0.84	6.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.80	U	0.80	6.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.20	U	1.20	6.40	ug/Kg
591-78-6	2-Hexanone	4.80	U	4.80	32.2	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	6.40	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.40	ug/Kg
127-18-4	Tetrachloroethene	1.40	U	1.40	6.40	ug/Kg
108-90-7	Chlorobenzene	1.20	U	1.20	6.40	ug/Kg
100-41-4	Ethyl Benzene	0.86	U	0.86	6.40	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	12.9	ug/Kg
95-47-6	o-Xylene	1.10	U	1.10	6.40	ug/Kg
100-42-5	Styrene	0.91	U	0.91	6.40	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.40	ug/Kg
98-82-8	Isopropylbenzene	1.00	U	1.00	6.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1.60	6.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	2.20	6.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	2.00	6.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.90	6.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	2.40	6.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.80	U	3.80	6.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.10	U	4.10	6.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.4		63 - 155	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	48.0		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.5		17 - 146	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66200	7.959			
540-36-3	1,4-Difluorobenzene	135000	8.849			
3114-55-4	Chlorobenzene-d5	118000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	44500	13.55			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	09/18/25
Project:	NYC DOT Harper Street Yard North	Date Received:	09/19/25
Client Sample ID:	Mid Site Grid 5-7RE	SDG No.:	Q3150
Lab Sample ID:	Q3150-04RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032326.D	1	10/02/25 12:51	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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032326.D
Acq On : 02 Oct 2025 12:51
Operator : SY/MD
Sample : Q3150-04RE
Misc : 5.06g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

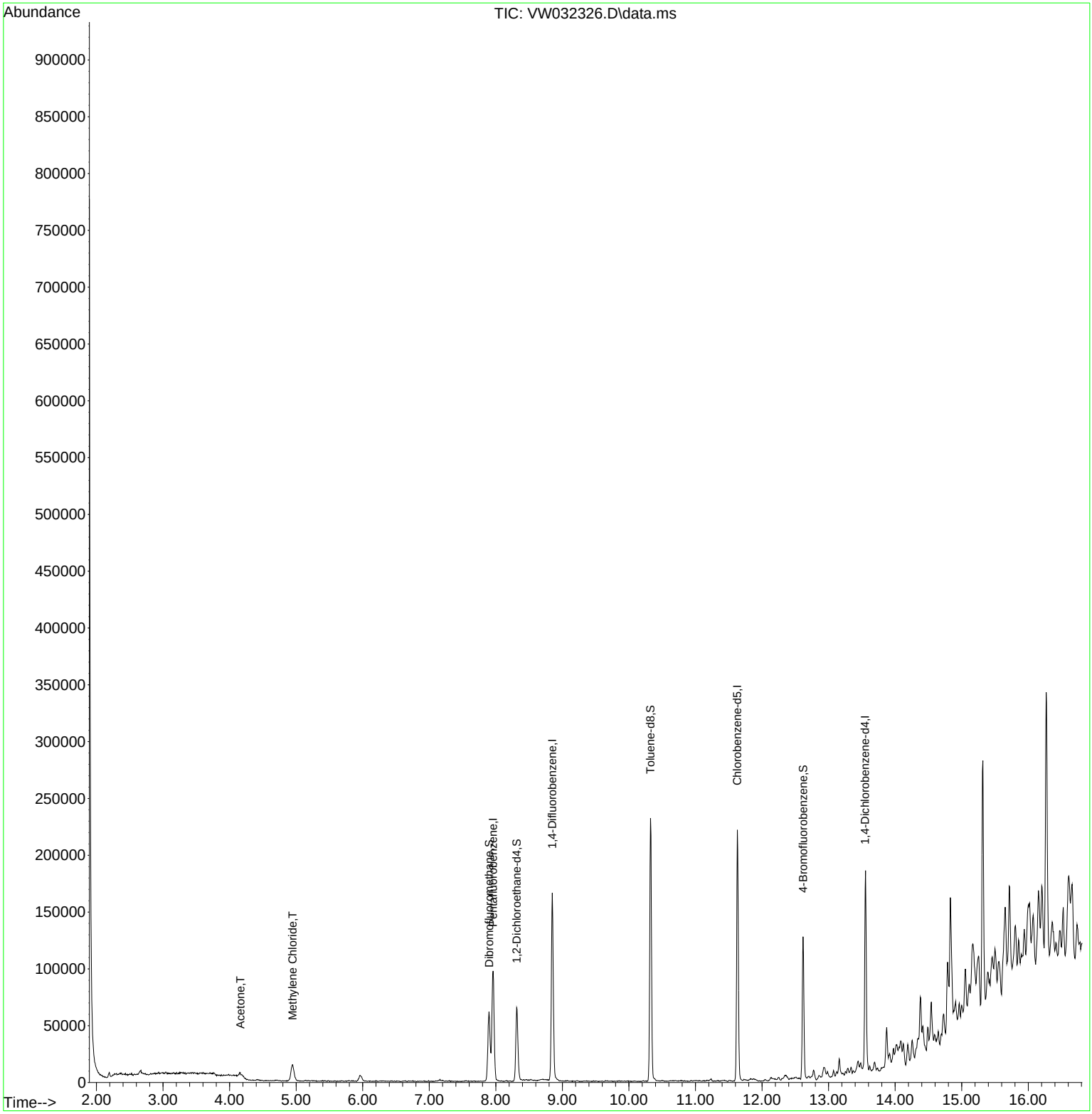
Quant Time: Oct 02 21:36:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

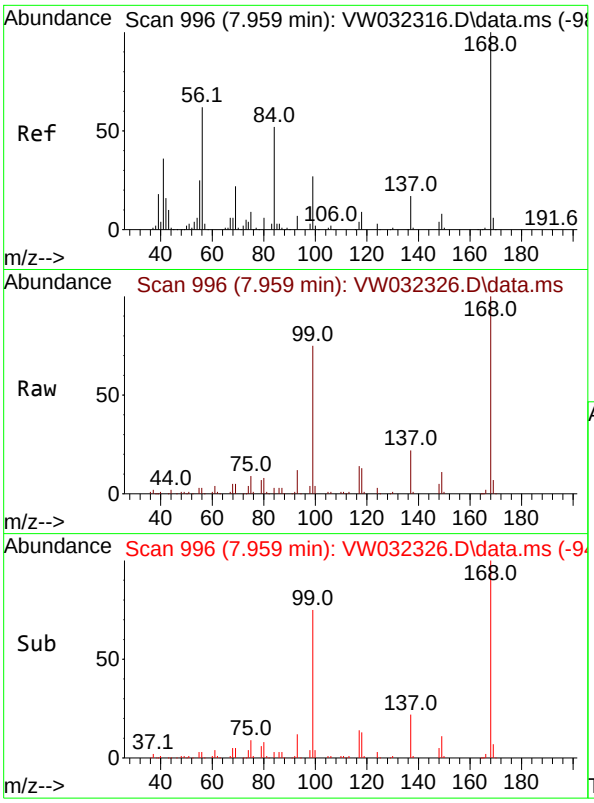
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	66162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	134684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	117826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	44519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	54450	56.424	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 112.840%			
35) Dibromofluoromethane	7.898	113	45823	52.536	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.080%			
50) Toluene-d8	10.325	98	154597	48.023	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 96.040%			
62) 4-Bromofluorobenzene	12.617	95	45641	37.510	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 75.020%			
Target Compounds						Qvalue
16) Acetone	4.161	43	3830	14.334	ug/l	93
20) Methylene Chloride	4.948	84	11526	8.604	ug/l	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032326.D
Acq On : 02 Oct 2025 12:51
Operator : SY/MD
Sample : Q3150-04RE
Misc : 5.06g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 02 21:36:44 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

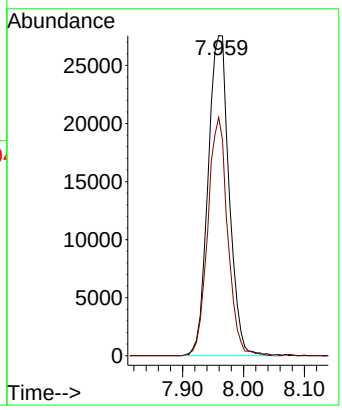


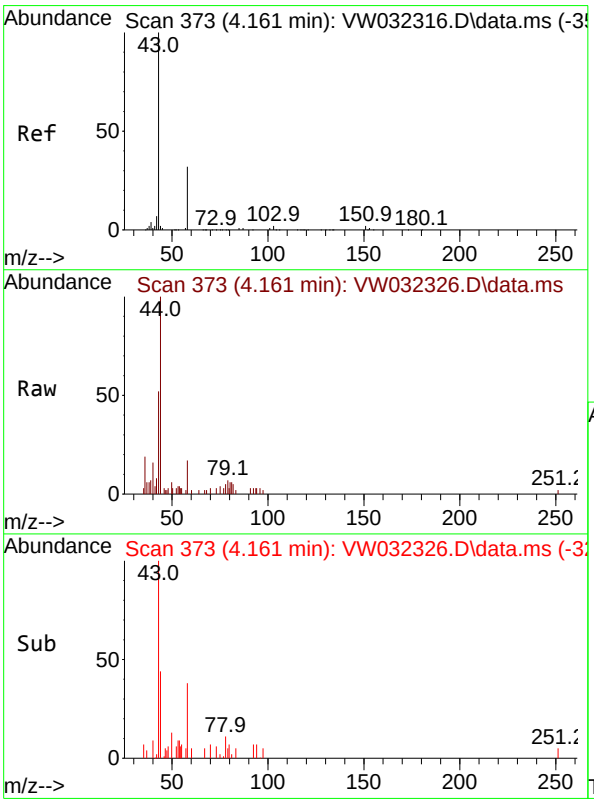


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion:168 Resp: 66162

Ion	Ratio	Lower	Upper
168	100		
99	74.5	49.3	73.9#

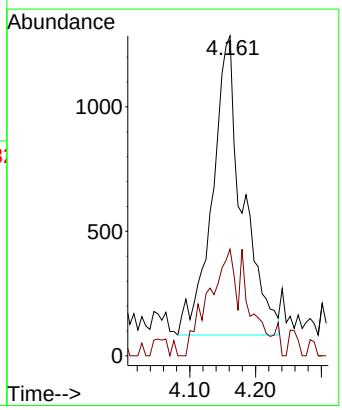


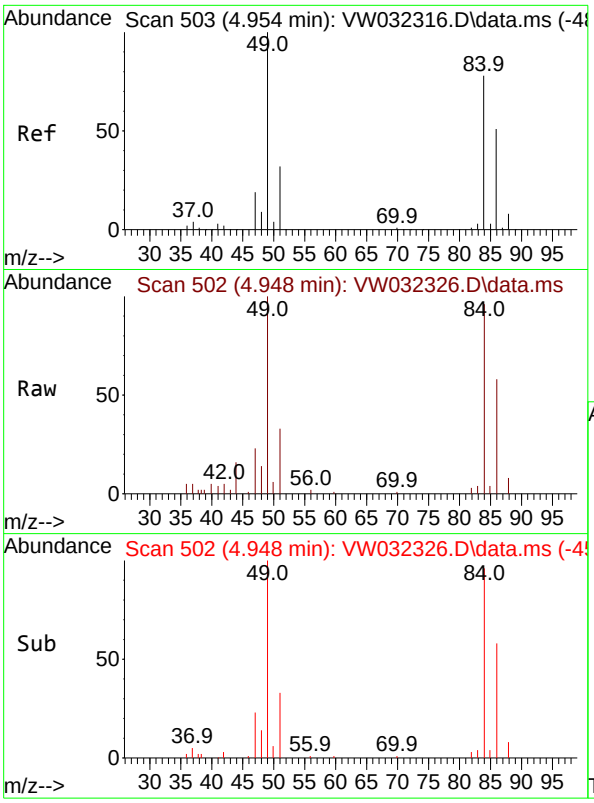


#16
Acetone
Concen: 14.334 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 43 Resp: 3830

Ion	Ratio	Lower	Upper
43	100		
58	35.6	25.3	37.9

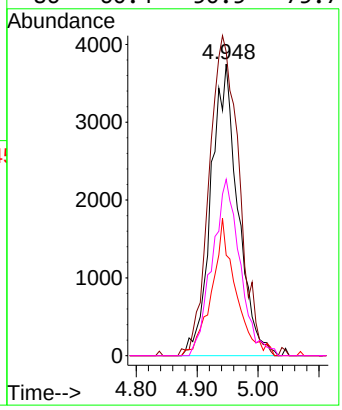


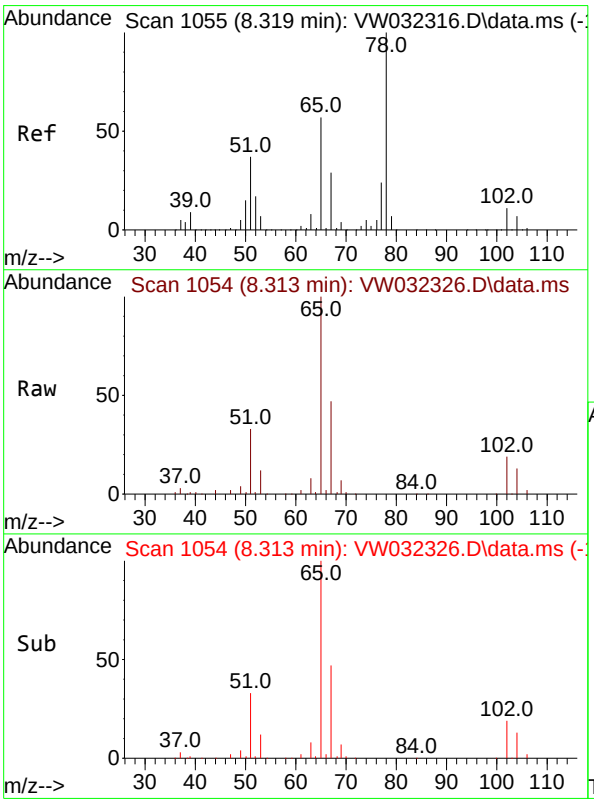


#20
Methylene Chloride
Concen: 8.604 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 84 Resp: 11526

Ion	Ratio	Lower	Upper
84	100		
49	104.2	92.2	138.4
51	34.4	31.0	46.6
86	60.4	50.5	75.7

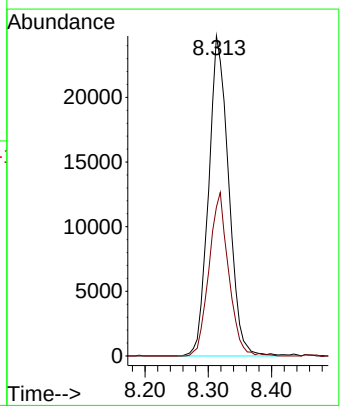


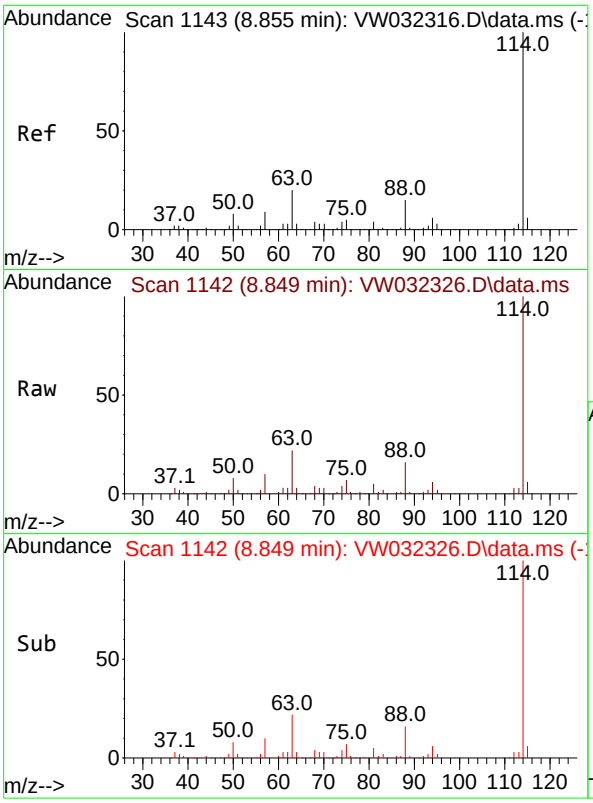


#33
1,2-Dichloroethane-d4
Concen: 56.424 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 65 Resp: 54450

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.6

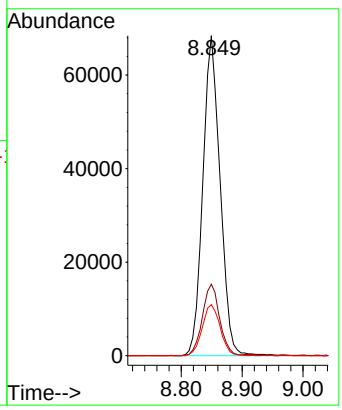


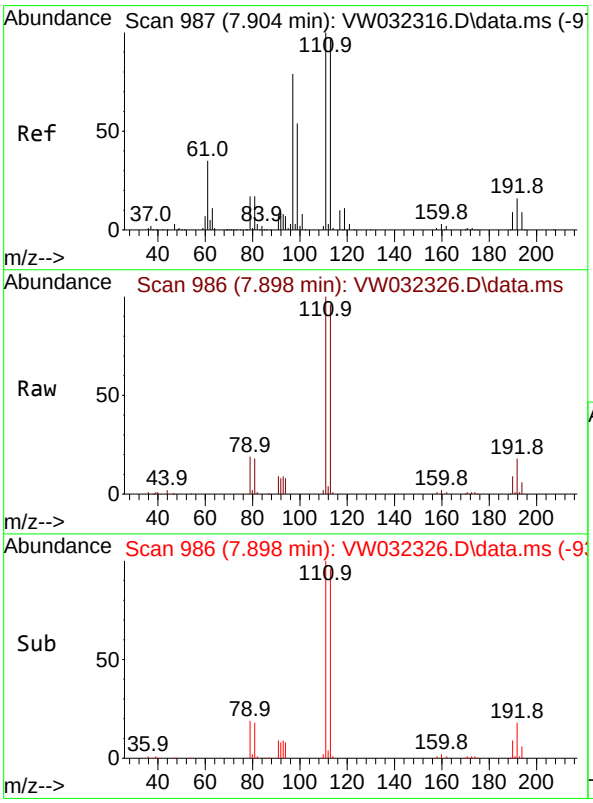


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion:114 Resp: 134684

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	40.4
88	16.0	0.0	32.0

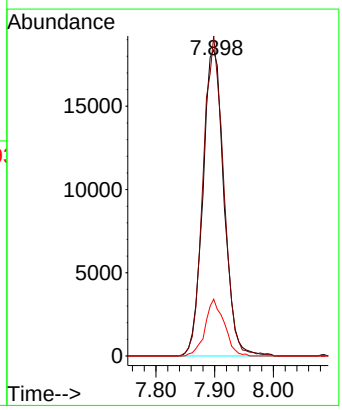


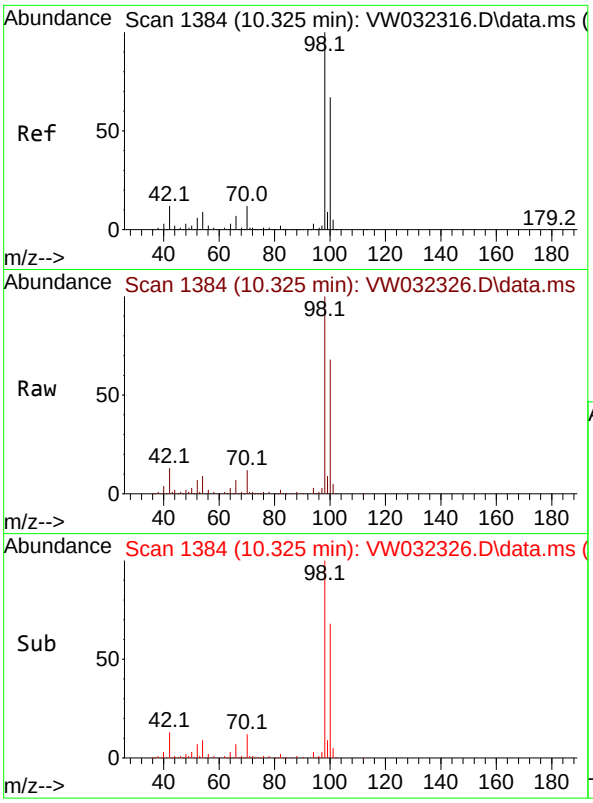


#35
Dibromofluoromethane
Concen: 52.536 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion:113 Resp: 45823

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.9	125.9
192	16.8	14.6	21.8

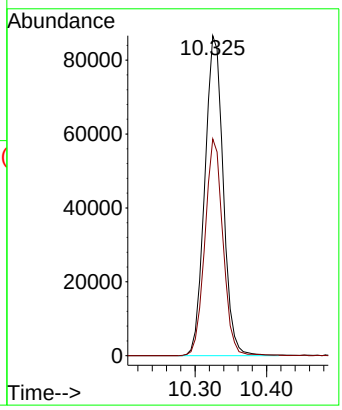


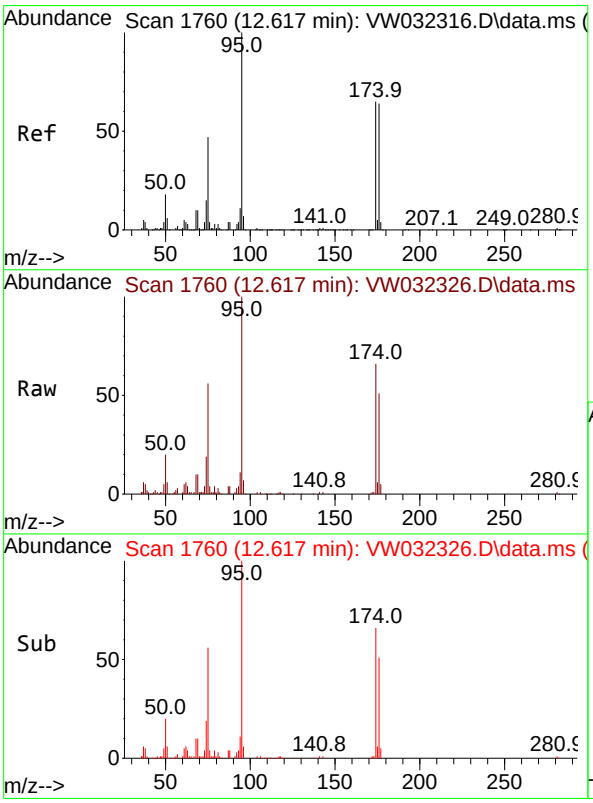


#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 98 Resp: 154597

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.4	77.2

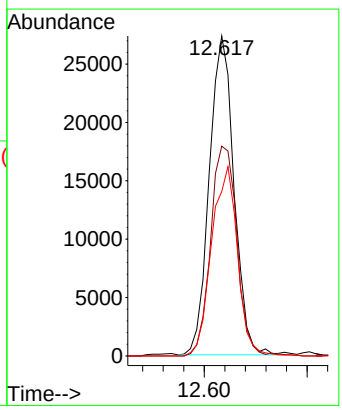


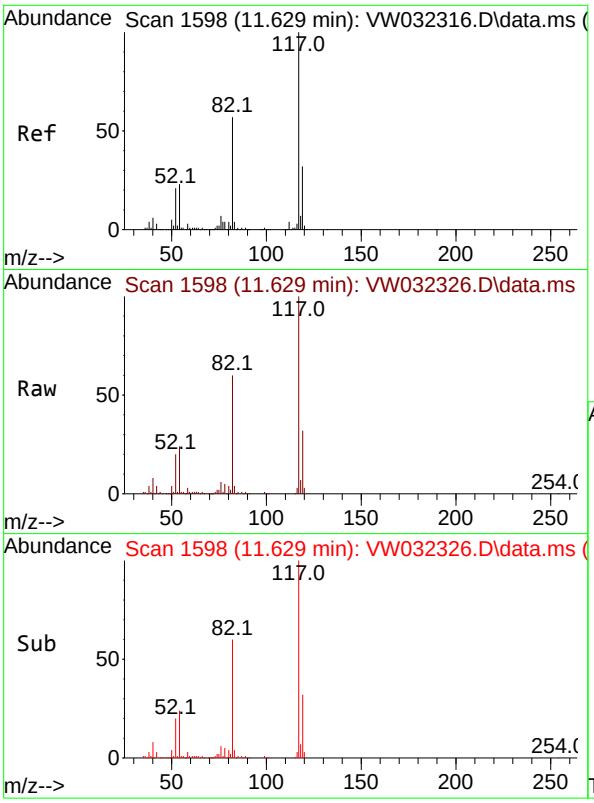


#62
4-Bromofluorobenzene
Concen: 37.510 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 95 Resp: 45641

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	145.6
176	62.1	0.0	140.8

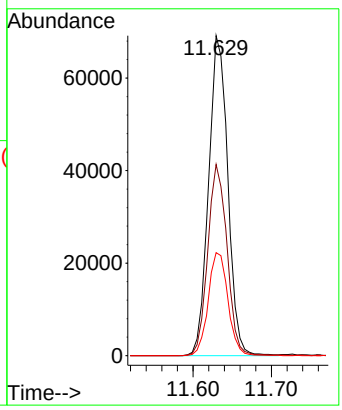


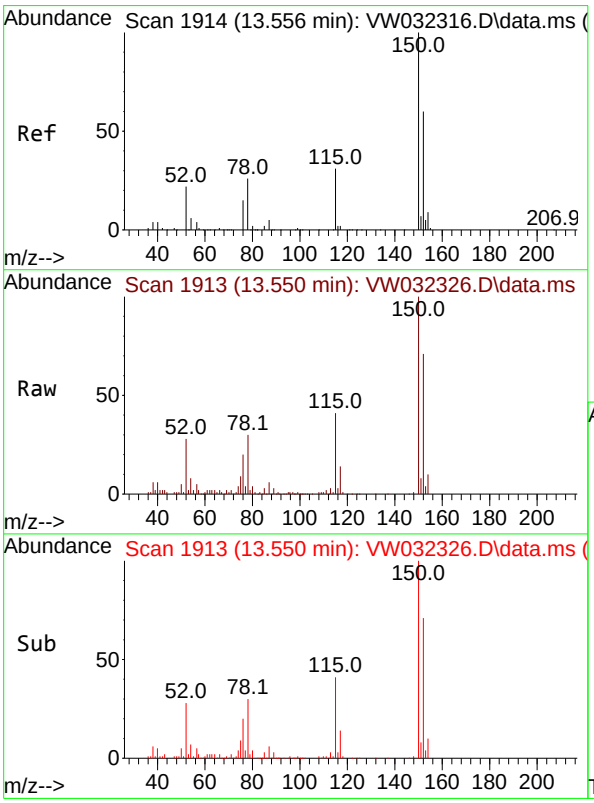


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion:117 Resp: 117826

Ion	Ratio	Lower	Upper
117	100		
82	59.7	42.7	64.1
119	32.2	25.2	37.8

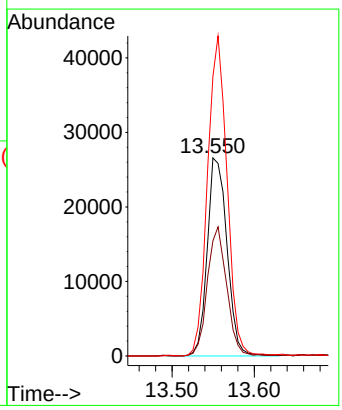




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.550 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion:152 Resp: 44519

Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.8	95.4
150	159.0	0.0	343.0



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG No.: Q3150

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

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

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

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

COMPOUND	RRF005	RRF010	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.358	0.346	0.357	0.306	0.302	0.312	0.330	8
Chloromethane	0.398	0.347	0.341	0.320	0.330	0.340	0.346	7.9
Vinyl Chloride	0.490	0.486	0.461	0.414	0.402	0.444	0.450	8.2
Bromomethane	0.459	0.414	0.408	0.369	0.384	0.374	0.401	8.4
Chloroethane	0.322	0.335	0.324	0.298	0.304	0.317	0.317	4.3
Trichlorofluoromethane	0.383	0.446	0.455	0.451	0.457	0.481	0.445	7.4
1,1,2-Trichlorotrifluoroethane	0.558	0.514	0.514	0.465	0.454	0.505	0.502	7.5
1,1-Dichloroethene	0.582	0.515	0.547	0.498	0.493	0.536	0.528	6.4
Acetone	0.178	0.161	0.152	0.143	0.138	0.157	0.155	9.1
Carbon Disulfide	1.357	1.337	1.340	1.279	1.257	1.360	1.322	3.3
Methyl tert-butyl Ether	0.981	0.991	1.001	1.005	0.959	1.051	0.998	3.1
Methyl Acetate	0.494	0.465	0.474	0.510	0.501	0.515	0.493	4
Methylene Chloride	0.973	0.880	0.720	0.582	0.555	0.641	0.725	23.3
trans-1,2-Dichloroethene	0.597	0.595	0.604	0.576	0.559	0.609	0.590	3.2
1,1-Dichloroethane	1.118	1.083	1.083	1.026	1.005	1.102	1.070	4.2
Cyclohexane	1.048	0.930	0.852	0.796	0.779	0.862	0.878	11.3
2-Butanone	0.201	0.216	0.217	0.232	0.223	0.226	0.219	4.9
Carbon Tetrachloride	0.467	0.489	0.480	0.477	0.467	0.545	0.488	6
cis-1,2-Dichloroethene	0.734	0.721	0.722	0.705	0.689	0.739	0.718	2.6
Bromochloromethane	0.499	0.475	0.516	0.475	0.487	0.486	0.490	3.2
Chloroform	1.275	1.245	1.229	1.174	1.154	1.250	1.221	3.8
1,1,1-Trichloroethane	0.938	0.907	0.901	0.847	0.839	0.917	0.891	4.5
Methylcyclohexane	0.486	0.525	0.517	0.550	0.538	0.617	0.539	8.2
Benzene	1.381	1.421	1.411	1.363	1.334	1.525	1.406	4.7
1,2-Dichloroethane	0.492	0.494	0.476	0.471	0.466	0.524	0.487	4.4
Trichloroethene	0.350	0.359	0.352	0.343	0.343	0.374	0.354	3.3
1,2-Dichloropropane	0.338	0.344	0.337	0.323	0.322	0.370	0.339	5.2
Bromodichloromethane	0.520	0.536	0.527	0.531	0.533	0.593	0.540	4.9
4-Methyl-2-Pentanone	0.260	0.279	0.281	0.304	0.294	0.317	0.289	6.9
Toluene	0.890	0.920	0.912	0.902	0.879	1.010	0.919	5.1

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG No.: Q3150

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

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

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

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

COMPOUND	RRF005	RRF010	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.403	0.446	0.451	0.511	0.510	0.538	0.477	10.7
cis-1,3-Dichloropropene	0.494	0.519	0.523	0.559	0.555	0.613	0.544	7.6
1,1,2-Trichloroethane	0.306	0.314	0.311	0.305	0.298	0.322	0.309	2.7
2-Hexanone	0.173	0.189	0.191	0.218	0.212	0.223	0.201	9.8
Dibromochloromethane	0.351	0.360	0.364	0.380	0.375	0.414	0.374	6
1,2-Dibromoethane	0.283	0.309	0.294	0.302	0.303	0.333	0.304	5.5
Tetrachloroethene	0.318	0.332	0.342	0.322	0.308	0.353	0.329	5
Chlorobenzene	1.137	1.132	1.194	1.107	1.069	1.190	1.138	4.2
Ethyl Benzene	1.676	1.823	1.920	1.880	1.862	2.027	1.865	6.2
m/p-Xylenes	0.627	0.700	0.751	0.730	0.699	0.798	0.718	8
o-Xylene	0.581	0.659	0.695	0.688	0.699	0.752	0.679	8.4
Styrene	1.006	1.160	1.246	1.223	1.221	1.324	1.197	9
Bromoform	0.203	0.212	0.216	0.230	0.238	0.237	0.223	6.5
Isopropylbenzene	2.833	3.266	3.258	3.570	3.666	3.788	3.397	10.3
1,1,2,2-Tetrachloroethane	0.778	0.800	0.774	0.814	0.827	0.851	0.807	3.7
1,3-Dichlorobenzene	1.661	1.817	1.681	1.710	1.698	1.899	1.744	5.3
1,4-Dichlorobenzene	1.723	1.810	1.714	1.656	1.759	1.828	1.748	3.7
1,2-Dichlorobenzene	1.511	1.515	1.603	1.536	1.539	1.561	1.544	2.2
1,2-Dibromo-3-Chloropropane	0.133	0.128	0.139	0.154	0.156	0.146	0.143	8
1,2,4-Trichlorobenzene	0.870	0.994	0.991	0.963	1.015	1.087	0.987	7.2
1,2,3-Trichlorobenzene	0.832	0.916	0.886	0.938	0.965	0.968	0.918	5.7
1,2-Dichloroethane-d4	0.752	0.715	0.723	0.690	0.713	0.697	0.715	3.1
Dibromofluoromethane	0.367	0.350	0.347	0.335	0.346	0.360	0.351	3.2
Toluene-d8	1.173	1.215	1.235	1.191	1.253	1.322	1.231	4.3
4-Bromofluorobenzene	0.448	0.431	0.450	0.447	0.468	0.489	0.455	4.5

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

Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W082625S.M
Title : SW846 8260
Last Update : Wed Aug 27 04:13:40 2025
Response Via : Initial Calibration

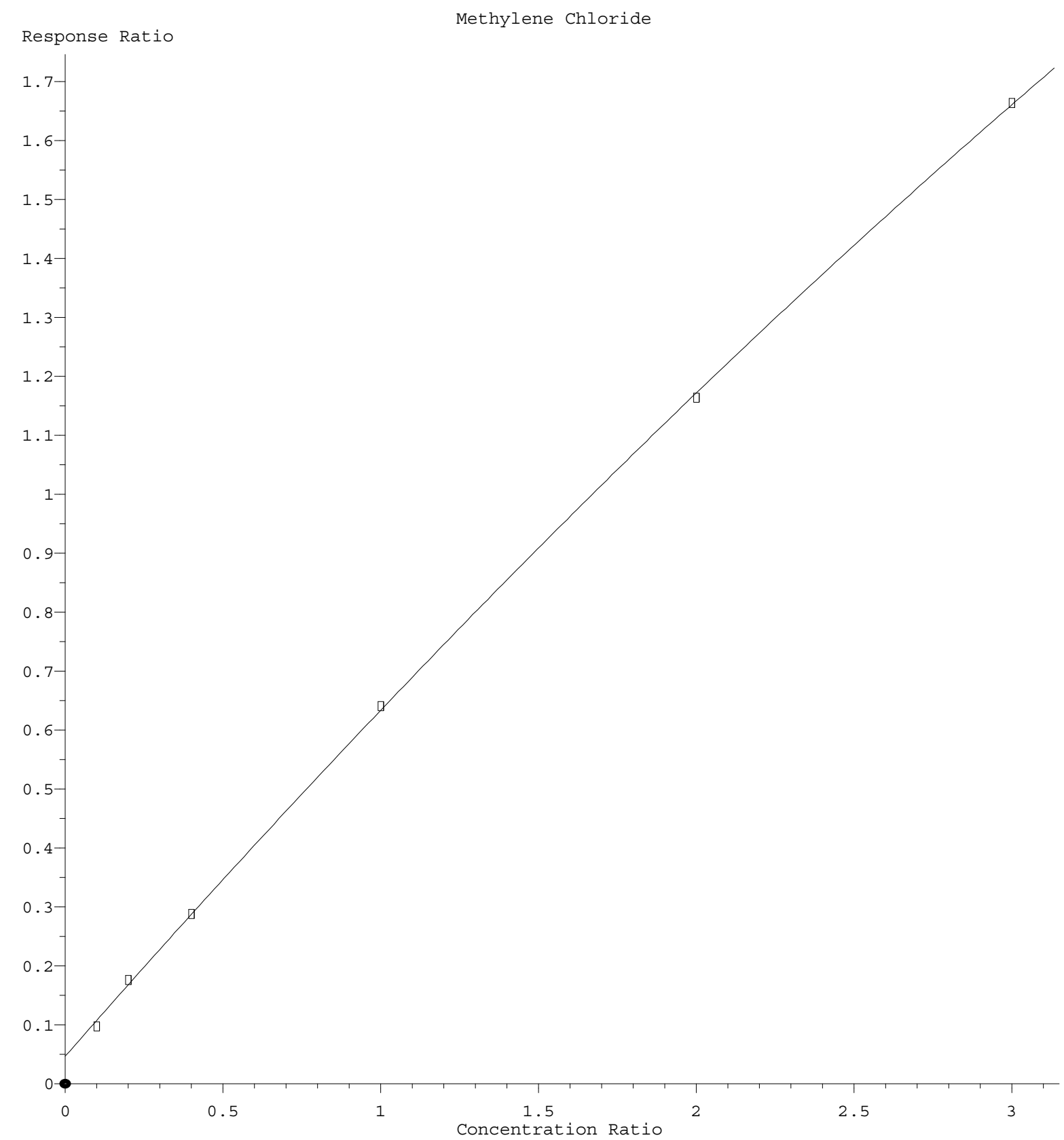
Calibration Files
5 =VW032137.D 10 =VW032138.D 20 =VW032139.D 50 =VW032144.D 100 =VW032141.D 150 =VW032142.D

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

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

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

(#) = Out of Range



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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

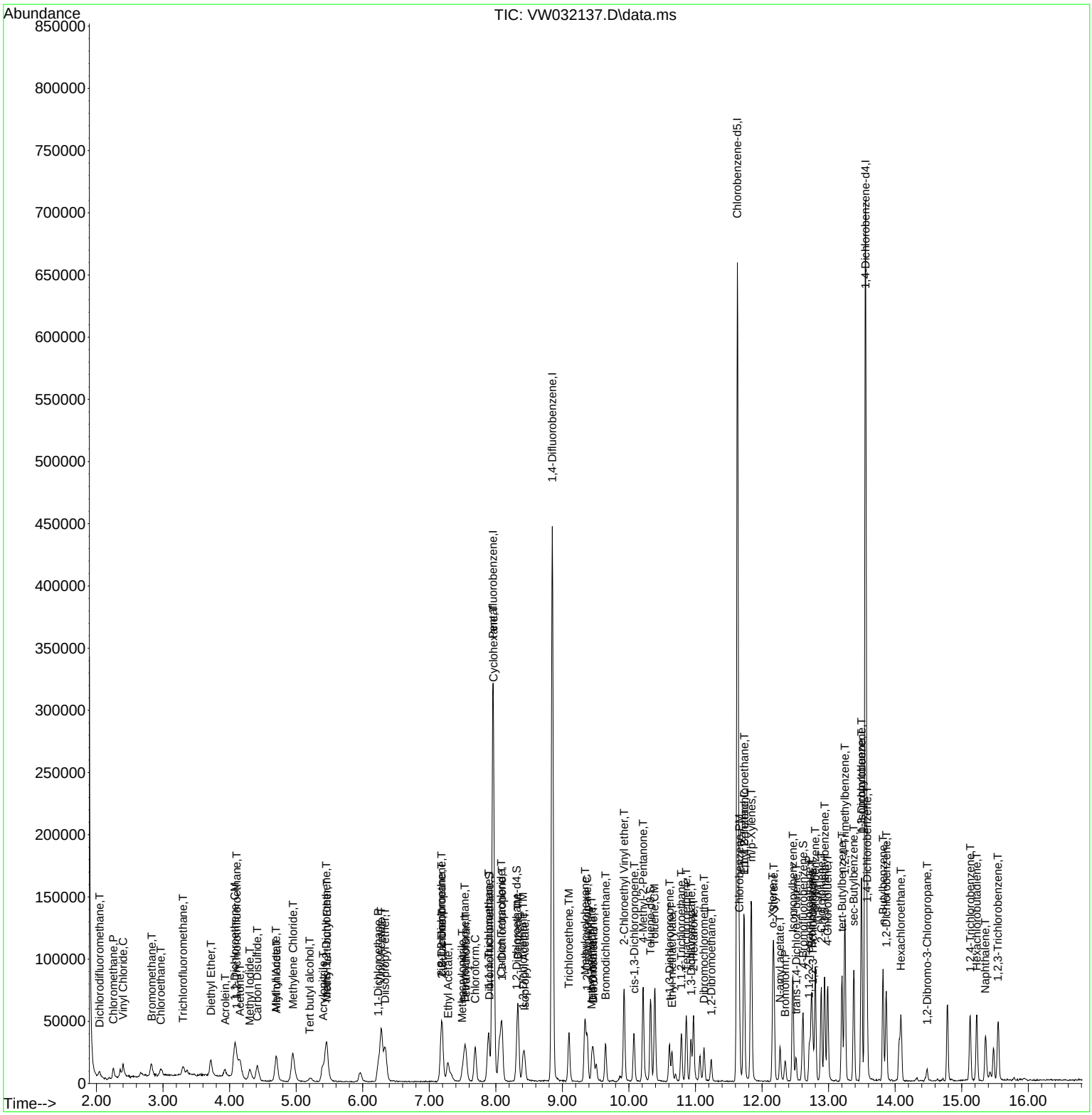
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

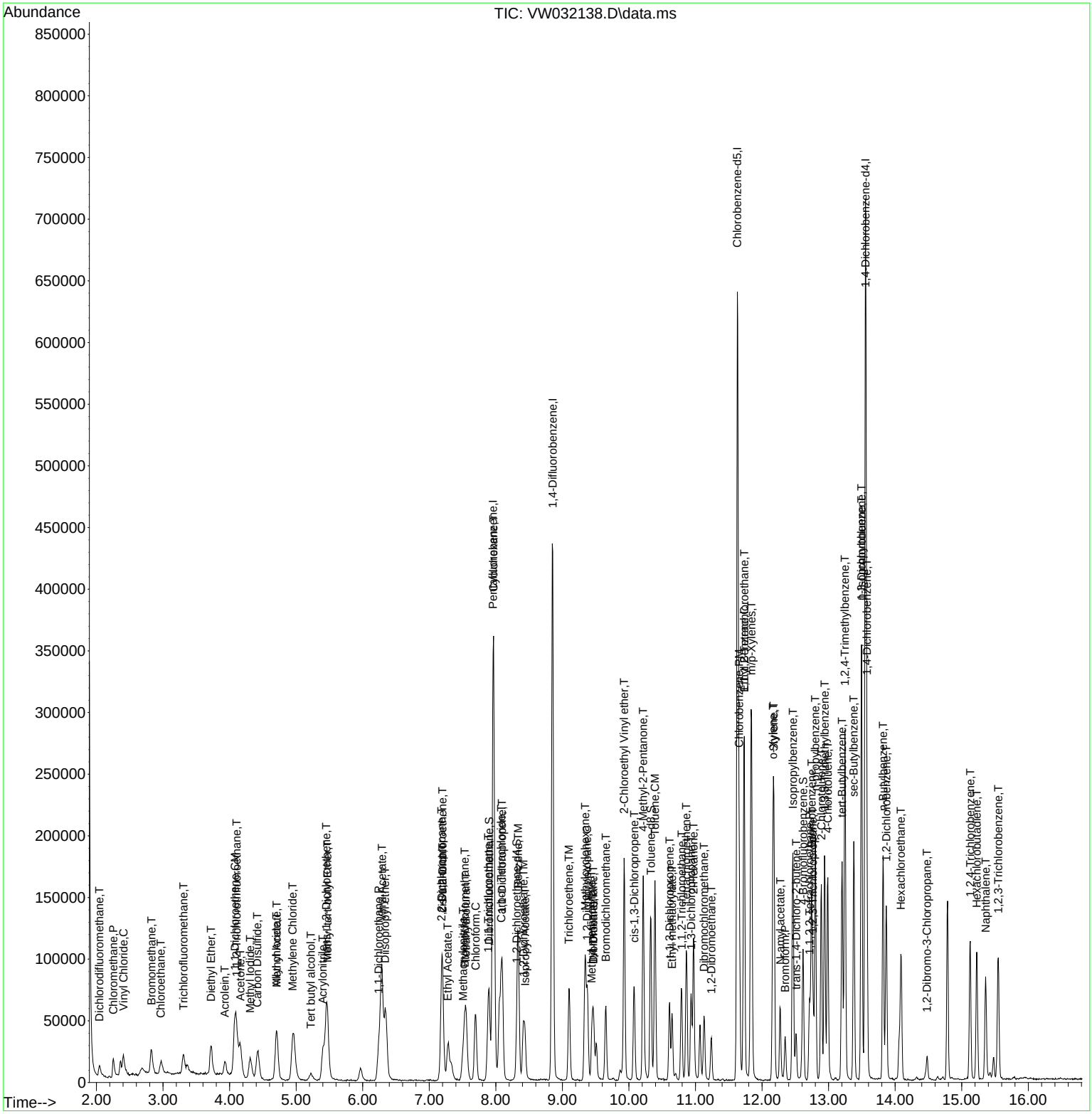
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

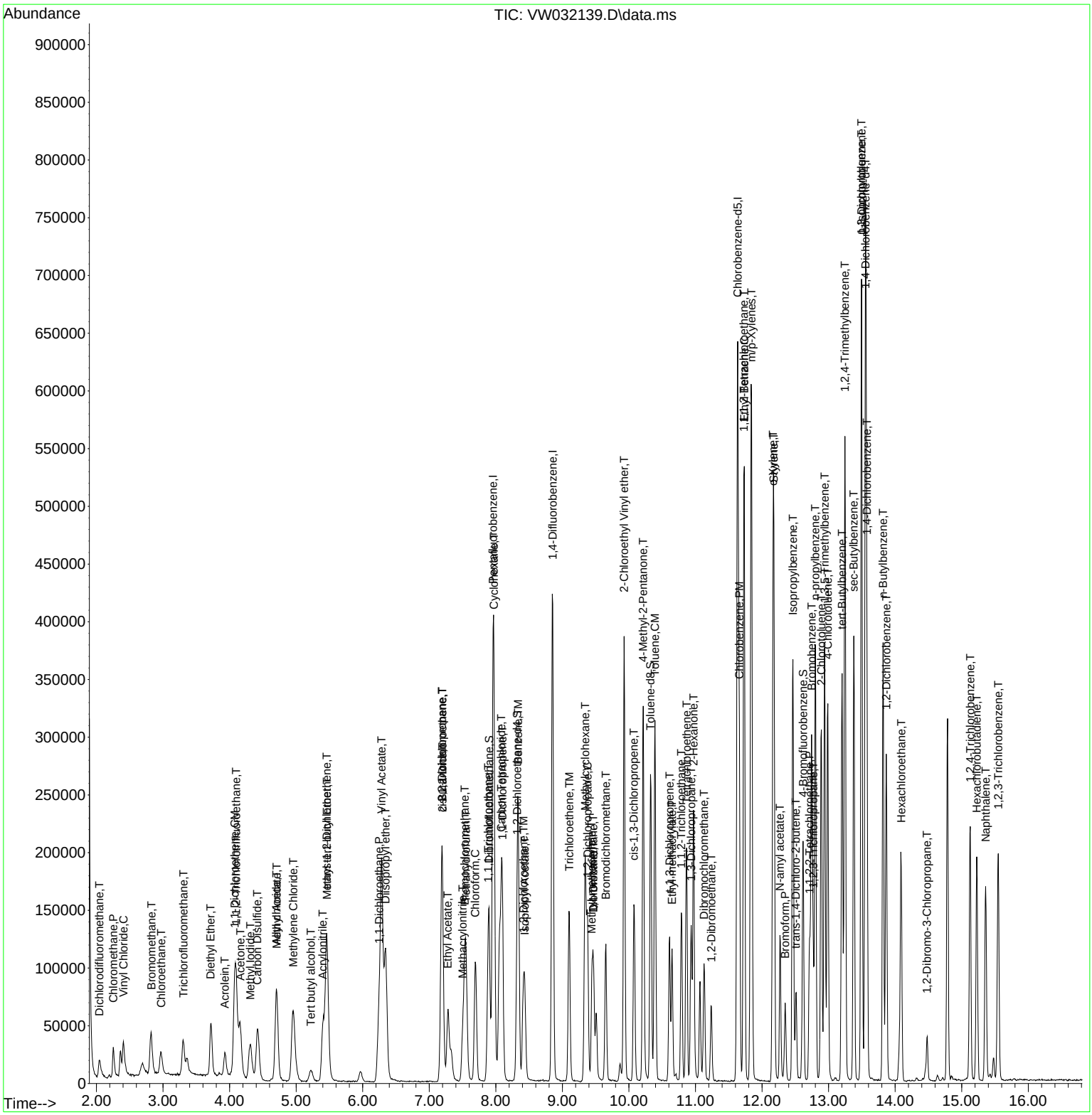
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

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

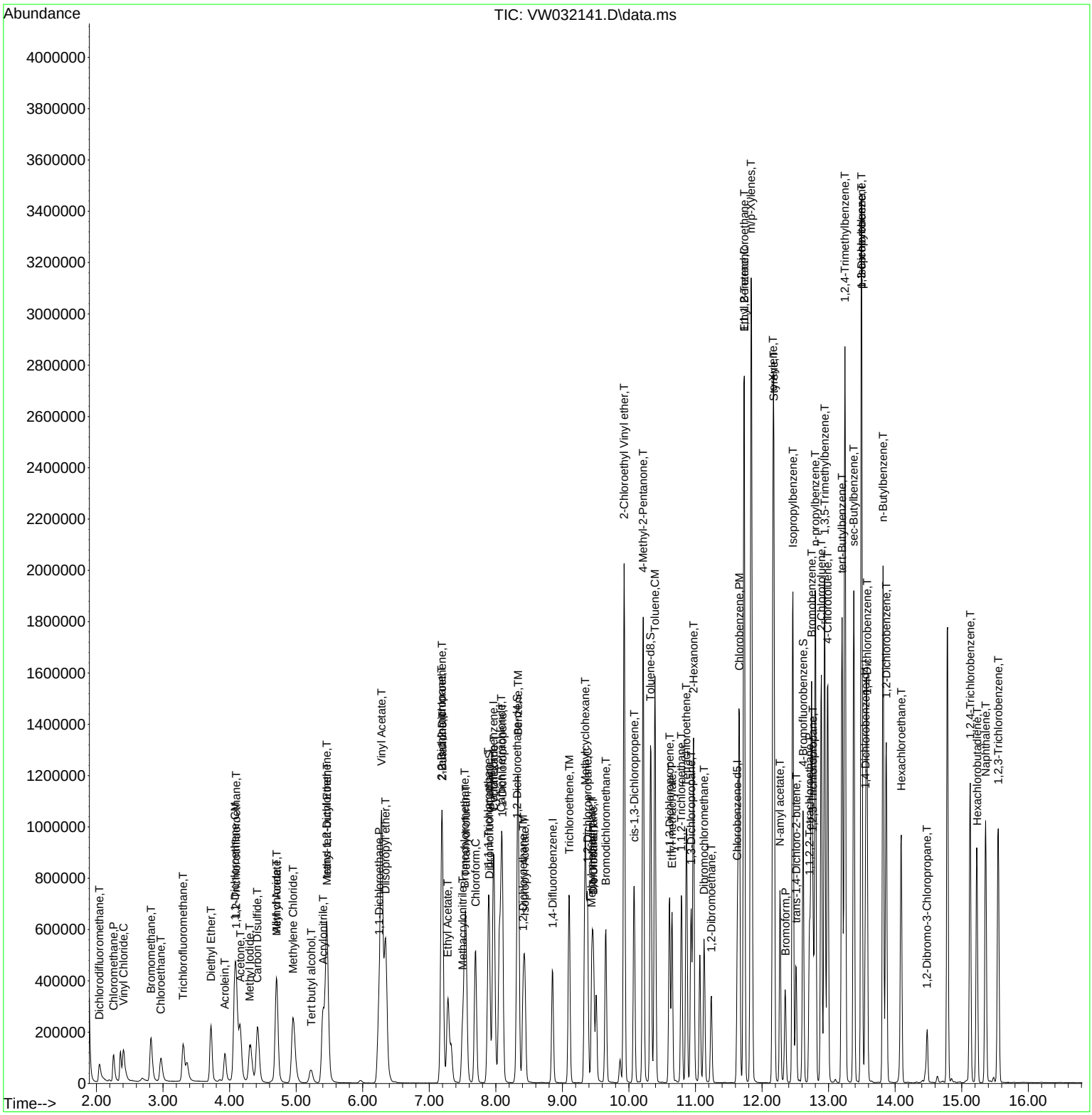
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

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

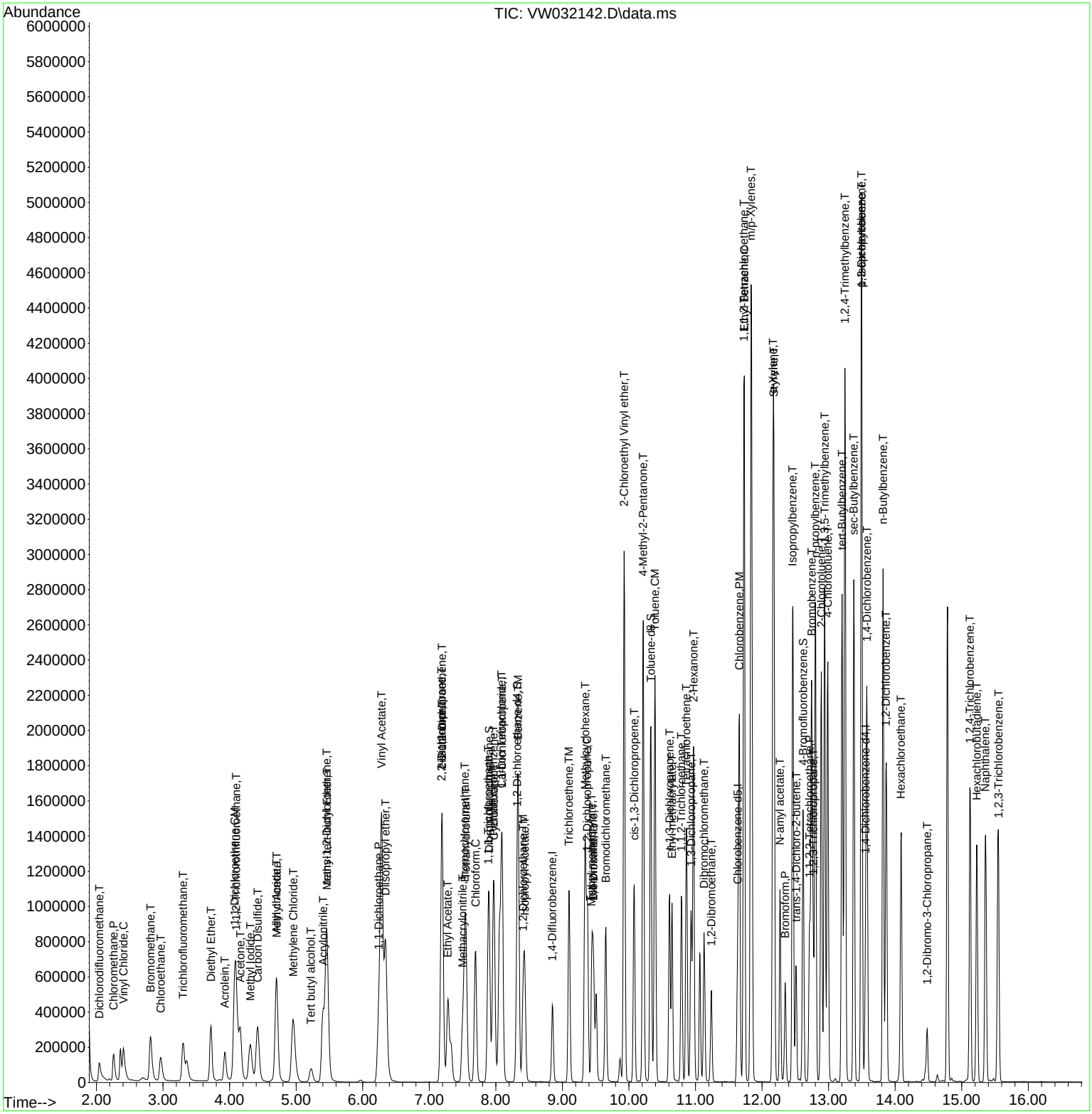
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

Quantitation Report (QT Reviewed)

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

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

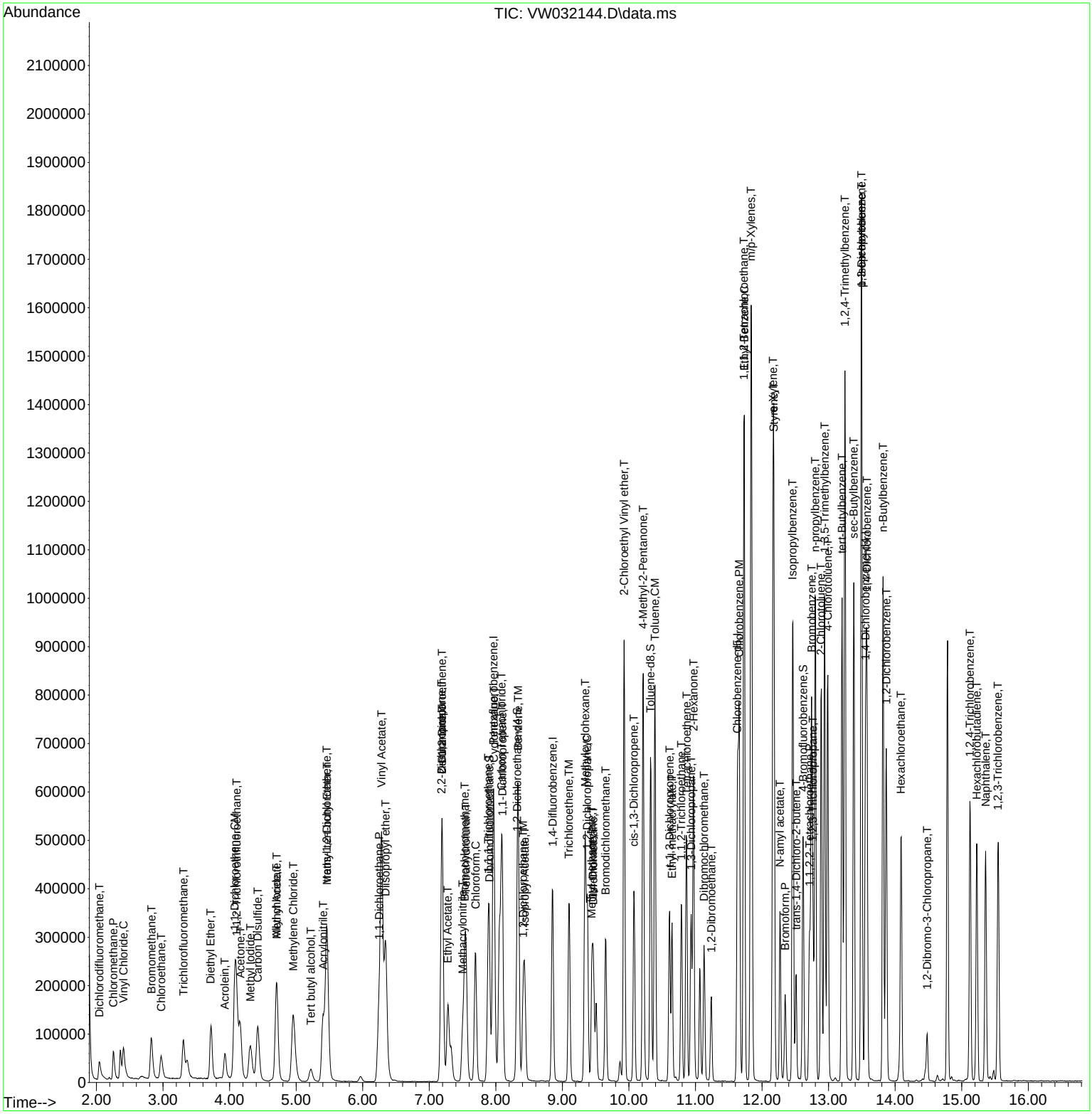
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

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

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

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

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

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

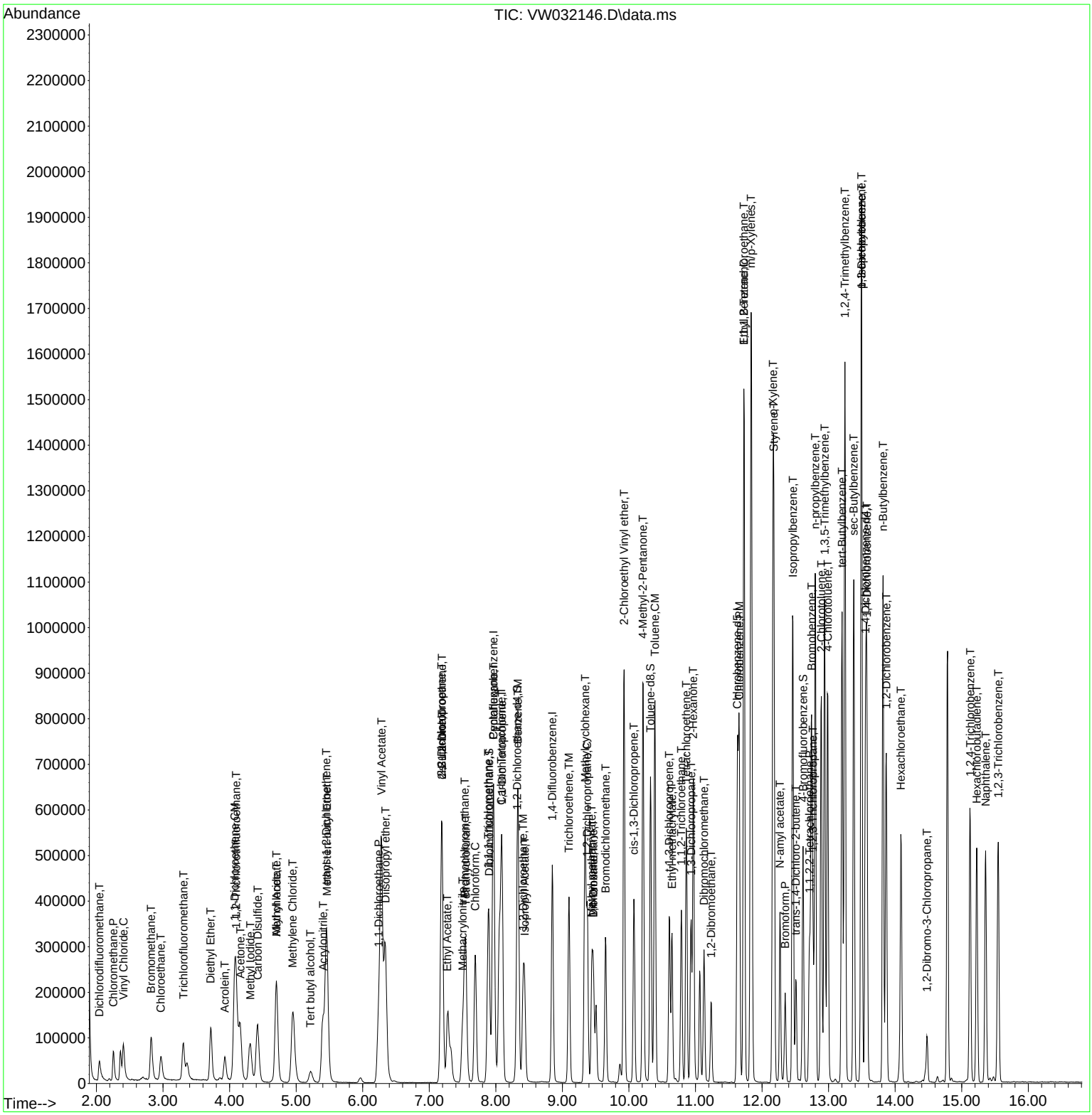
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	113	0.00
50	S	Toluene-d8	1.231	1.121	8.9	98	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.284	1.7	104	0.00
52	CM	Toluene	0.919	0.896	2.5#	103	0.00
53	T	t-1,3-Dichloropropene	0.477	0.490	-2.7	106	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.544	0.0	103	0.00
55	T	1,1,2-Trichloroethane	0.309	0.284	8.1	102	0.00
56	T	Ethyl methacrylate	0.395	0.406	-2.8	104	0.00
57	T	1,3-Dichloropropane	0.518	0.503	2.9	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.197	6.6	102	0.00
59	T	2-Hexanone	0.201	0.208	-3.5	108	0.00
60	T	Dibromochloromethane	0.374	0.368	1.6	103	0.00
61	T	1,2-Dibromoethane	0.304	0.293	3.6	102	0.00
62	S	4-Bromofluorobenzene	0.455	0.410	9.9	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64	T	Tetrachloroethene	0.329	0.346	-5.2	110	0.00
65	PM	Chlorobenzene	1.138	1.104	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.375	0.379	-1.1	106	0.00
67	C	Ethyl Benzene	1.865	1.987	-6.5#	110	0.00
68	T	m/p-Xylenes	0.718	0.753	-4.9	106	0.00
69	T	o-Xylene	0.679	0.724	-6.6	108	0.00
70	T	Styrene	1.197	1.253	-4.7	106	0.00
71	P	Bromoform	0.223	0.225	-0.9	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73	T	Isopropylbenzene	3.397	3.513	-3.4	106	0.00
74	T	N-amyl acetate	0.986	0.987	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.807	0.759	5.9	102	0.00
76	T	1,2,3-Trichloropropane	0.626	0.654	-4.5	117	0.00
77	T	Bromobenzene	0.866	0.859	0.8	103	0.00
78	T	n-propylbenzene	4.124	4.328	-4.9	108	0.00
79	T	2-Chlorotoluene	2.522	2.560	-1.5	106	0.00
80	T	1,3,5-Trimethylbenzene	2.876	3.052	-6.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.243	-4.3	107	0.00
82	T	4-Chlorotoluene	2.699	2.677	0.8	102	0.00
83	T	tert-Butylbenzene	2.439	2.610	-7.0	105	0.00
84	T	1,2,4-Trimethylbenzene	2.975	3.088	-3.8	105	0.00
85	T	sec-Butylbenzene	3.641	3.866	-6.2	107	0.00
86	T	p-Isopropyltoluene	3.096	3.265	-5.5	106	0.00
87	T	1,3-Dichlorobenzene	1.744	1.710	1.9	103	0.00
88	T	1,4-Dichlorobenzene	1.748	1.672	4.3	104	0.00
89	T	n-Butylbenzene	2.952	3.153	-6.8	108	0.00
90	T	Hexachloroethane	0.566	0.575	-1.6	108	0.00
91	T	1,2-Dichlorobenzene	1.544	1.475	4.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.143	0.136	4.9	106	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.964	2.3	101	0.00
94	T	Hexachlorobutadiene	0.489	0.455	7.0	94	0.00
95	T	Naphthalene	2.233	2.331	-4.4	108	0.00

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.925	-0.8	109	0.00

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

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1060.060	-6.0	113	0.00
50	S	Toluene-d8	50.000	45.510	9.0	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.021	1.6	104	0.00
52	CM	Toluene	50.000	48.788	2.4#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	51.459	-2.9	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.066	-0.1	103	0.00
55	T	1,1,2-Trichloroethane	50.000	45.940	8.1	102	0.00
56	T	Ethyl methacrylate	50.000	51.392	-2.8	104	0.00
57	T	1,3-Dichloropropane	50.000	48.602	2.8	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	232.934	6.8	102	0.00
59	T	2-Hexanone	250.000	258.687	-3.5	108	0.00
60	T	Dibromochloromethane	50.000	49.161	1.7	103	0.00
61	T	1,2-Dibromoethane	50.000	48.223	3.6	102	0.00
62	S	4-Bromofluorobenzene	50.000	44.975	10.0	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	52.531	-5.1	110	0.00
65	PM	Chlorobenzene	50.000	48.501	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.593	-1.2	106	0.00
67	C	Ethyl Benzene	50.000	53.267	-6.5#	110	0.00
68	T	m/p-Xylenes	100.000	104.945	-4.9	106	0.00
69	T	o-Xylene	50.000	53.311	-6.6	108	0.00
70	T	Styrene	50.000	52.371	-4.7	106	0.00
71	P	Bromoform	50.000	50.601	-1.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73	T	Isopropylbenzene	50.000	51.711	-3.4	106	0.00
74	T	N-amyl acetate	50.000	50.061	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.980	6.0	102	0.00
76	T	1,2,3-Trichloropropane	50.000	52.182	-4.4	117	0.00
77	T	Bromobenzene	50.000	49.609	0.8	103	0.00
78	T	n-propylbenzene	50.000	52.469	-4.9	108	0.00
79	T	2-Chlorotoluene	50.000	50.751	-1.5	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.066	-6.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.219	-4.4	107	0.00
82	T	4-Chlorotoluene	50.000	49.587	0.8	102	0.00
83	T	tert-Butylbenzene	50.000	53.512	-7.0	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.884	-3.8	105	0.00
85	T	sec-Butylbenzene	50.000	53.088	-6.2	107	0.00
86	T	p-Isopropyltoluene	50.000	52.722	-5.4	106	0.00
87	T	1,3-Dichlorobenzene	50.000	49.012	2.0	103	0.00
88	T	1,4-Dichlorobenzene	50.000	47.819	4.4	104	0.00
89	T	n-Butylbenzene	50.000	53.415	-6.8	108	0.00
90	T	Hexachloroethane	50.000	50.748	-1.5	108	0.00
91	T	1,2-Dichlorobenzene	50.000	47.762	4.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.585	4.8	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.833	2.3	101	0.00
94	T	Hexachlorobutadiene	50.000	46.448	7.1	94	0.00
95	T	Naphthalene	50.000	52.201	-4.4	108	0.00

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG No.: Q3150

Instrument ID: MSVOA_W Calibration Date(s): 09/25/2025 09/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:45 13:08

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

LAB FILE ID: RRF005 = VW032258.D RRF010 = VW032259.D RRF020 = VW032260.D
RRF050 = VW032261.D RRF100 = VW032262.D RRF150 = VW032263.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.388	0.399	0.397	0.295	0.295	0.299	0.345	15.6
Chloromethane	0.540	0.557	0.548	0.423	0.439	0.459	0.494	12.3
Vinyl Chloride	0.611	0.628	0.654	0.537	0.514	0.522	0.578	10.5
Bromomethane	0.403	0.424	0.435	0.367	0.360	0.377	0.394	7.9
Chloroethane	0.416	0.408	0.434	0.359	0.356	0.376	0.391	8.3
Trichlorofluoromethane	0.399	0.417	0.519	0.383	0.438	0.455	0.435	11.2
1,1,2-Trichlorotrifluoroethane	0.593	0.587	0.625	0.526	0.495	0.508	0.556	9.5
1,1-Dichloroethene	0.595	0.633	0.670	0.551	0.550	0.565	0.594	8.2
Acetone	0.216	0.252	0.242	0.164	0.162	0.180	0.203	19.6
Carbon Disulfide	1.364	1.439	1.543	1.260	1.262	1.324	1.365	8.1
Methyl tert-butyl Ether	1.055	1.094	1.201	1.071	1.060	1.123	1.101	5
Methyl Acetate	0.637	0.602	0.639	0.738	0.749	0.818	0.697	12
Methylene Chloride	1.758	1.269	0.843	0.747	0.661	0.666	0.991	44.3
trans-1,2-Dichloroethene	0.633	0.668	0.703	0.605	0.602	0.630	0.640	6
1,1-Dichloroethane	1.313	1.343	1.418	1.232	1.201	1.250	1.293	6.2
Cyclohexane	1.132	1.088	1.139	0.912	0.912	0.933	1.019	10.9
2-Butanone	0.282	0.300	0.307	0.252	0.260	0.296	0.283	7.9
Carbon Tetrachloride	0.442	0.462	0.505	0.447	0.452	0.429	0.456	5.8
cis-1,2-Dichloroethene	0.803	0.821	0.843	0.763	0.760	0.789	0.796	4.1
Bromochloromethane	0.662	0.629	0.656	0.589	0.586	0.579	0.617	6
Chloroform	1.400	1.413	1.489	1.286	1.227	1.278	1.349	7.4
1,1,1-Trichloroethane	0.927	0.946	0.985	0.873	0.852	0.869	0.909	5.7
Methylcyclohexane	0.507	0.545	0.596	0.569	0.584	0.564	0.561	5.7
Benzene	1.503	1.545	1.639	1.516	1.515	1.438	1.526	4.3
1,2-Dichloroethane	0.545	0.518	0.537	0.486	0.488	0.470	0.507	6
Trichloroethene	0.343	0.371	0.382	0.346	0.359	0.339	0.357	4.7
1,2-Dichloropropane	0.391	0.408	0.423	0.393	0.384	0.372	0.395	4.5
Bromodichloromethane	0.549	0.544	0.577	0.558	0.557	0.541	0.554	2.4
4-Methyl-2-Pentanone	0.327	0.346	0.370	0.324	0.338	0.342	0.341	4.8
Toluene	0.894	0.955	1.010	0.937	0.963	0.916	0.946	4.3

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG No.: Q3150

Instrument ID: MSVOA_W Calibration Date(s): 09/25/2025 09/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:45 13:08

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

LAB FILE ID: RRF005 = VW032258.D RRF010 = VW032259.D RRF020 = VW032260.D
RRF050 = VW032261.D RRF100 = VW032262.D RRF150 = VW032263.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.440	0.478	0.521	0.507	0.554	0.547	0.508	8.5
cis-1,3-Dichloropropene	0.525	0.558	0.618	0.590	0.614	0.611	0.586	6.4
1,1,2-Trichloroethane	0.343	0.339	0.359	0.316	0.316	0.318	0.332	5.4
2-Hexanone	0.215	0.224	0.255	0.225	0.236	0.243	0.233	6.1
Dibromochloromethane	0.354	0.352	0.371	0.369	0.377	0.364	0.364	2.7
1,2-Dibromoethane	0.310	0.313	0.337	0.308	0.308	0.309	0.314	3.6
Tetrachloroethene	0.297	0.331	0.323	0.301	0.288	0.288	0.305	6
Chlorobenzene	1.146	1.205	1.234	1.126	1.109	1.091	1.152	4.9
Ethyl Benzene	1.710	1.890	1.993	1.882	1.927	1.908	1.885	5
m/p-Xylenes	0.647	0.728	0.793	0.721	0.729	0.717	0.723	6.4
o-Xylene	0.590	0.670	0.711	0.704	0.707	0.694	0.679	6.8
Styrene	0.977	1.180	1.315	1.247	1.223	1.204	1.191	9.6
Bromoform	0.186	0.222	0.219	0.210	0.214	0.223	0.212	6.5
Isopropylbenzene	3.005	3.296	3.600	3.704	3.535	3.740	3.480	8.1
1,1,2,2-Tetrachloroethane	0.955	0.945	0.943	0.886	0.843	0.902	0.912	4.7
1,3-Dichlorobenzene	1.700	1.684	1.659	1.737	1.656	1.722	1.693	1.9
1,4-Dichlorobenzene	1.811	1.770	1.807	1.674	1.631	1.685	1.730	4.4
1,2-Dichlorobenzene	1.587	1.636	1.663	1.630	1.465	1.524	1.584	4.8
1,2-Dibromo-3-Chloropropane	0.167	0.156	0.156	0.144	0.148	0.166	0.156	5.8
1,2,4-Trichlorobenzene	0.850	0.888	0.943	0.960	0.961	1.035	0.940	6.8
1,2,3-Trichlorobenzene	0.807	0.849	0.861	0.892	0.881	0.953	0.874	5.6
1,2-Dichloroethane-d4	0.886	0.863	0.864	0.708	0.703	0.714	0.789	11.3
Dibromofluoromethane	0.393	0.364	0.379	0.347	0.342	0.332	0.360	6.5
Toluene-d8	1.334	1.339	1.372	1.252	1.274	1.205	1.296	4.9
4-Bromofluorobenzene	0.505	0.491	0.511	0.482	0.486	0.458	0.489	3.8

* 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 : 82W092525S.M
Title : SW846 8260
Last Update : Fri Sep 26 07:11:42 2025
Response Via : Initial Calibration

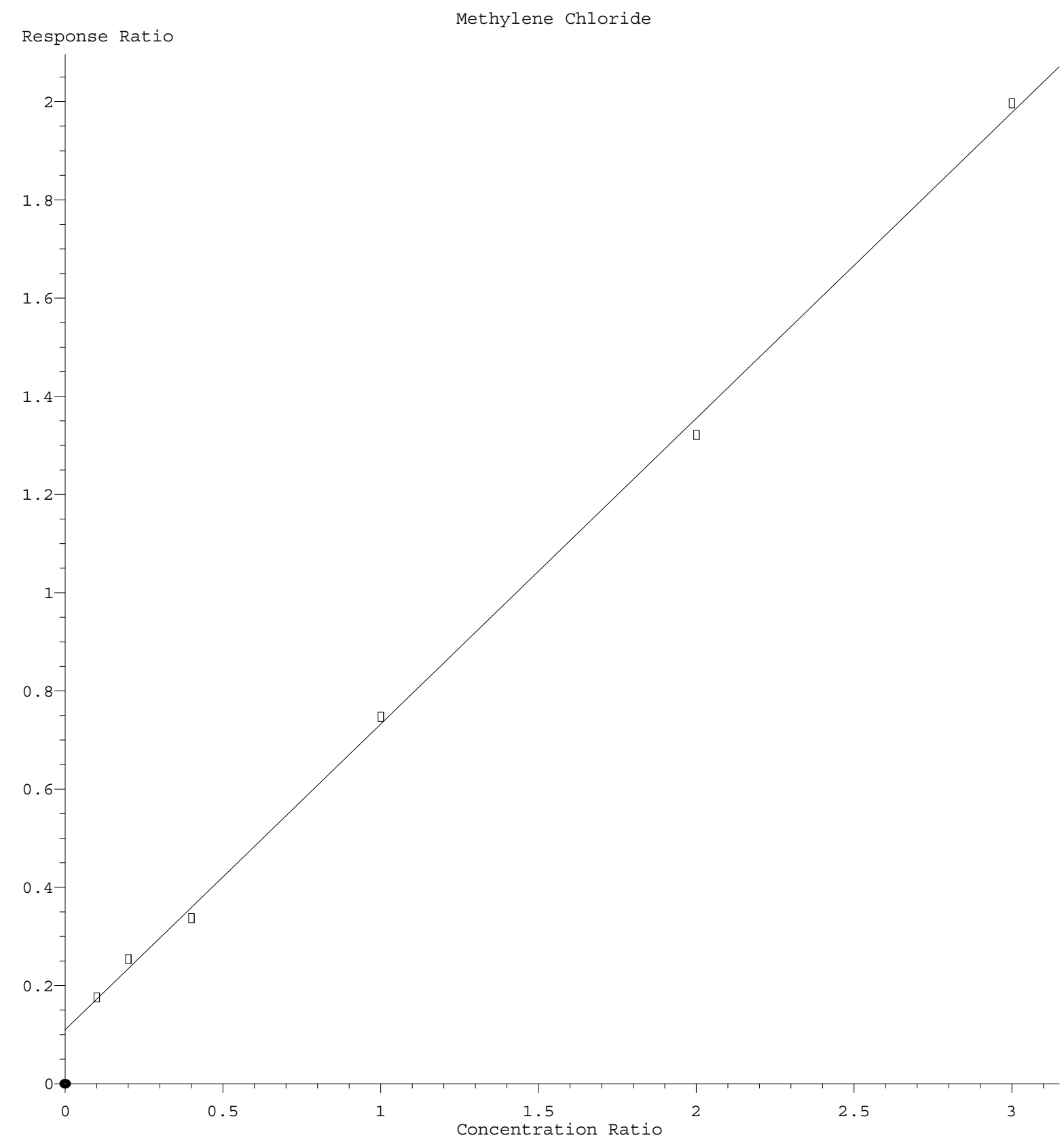
Calibration Files
5 =VW032258.D 10 =VW032259.D 20 =VW032260.D 50 =VW032261.D 100 =VW032262.D 150 =VW032263.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.388	0.399	0.397	0.295	0.295	0.299	0.345	15.60
3)	P	Chloromethane	0.540	0.557	0.548	0.423	0.439	0.459	0.494	12.26
4)	C	Vinyl Chloride	0.611	0.628	0.654	0.537	0.514	0.522	0.578	10.47#
5)	T	Bromomethane	0.403	0.424	0.435	0.367	0.360	0.377	0.394	7.91
6)	T	Chloroethane	0.416	0.408	0.434	0.359	0.356	0.376	0.391	8.26
7)	T	Trichlorofluor...	0.399	0.417	0.519	0.383	0.438	0.455	0.435	11.18
8)	T	Diethyl Ether	0.475	0.440	0.436	0.368	0.366	0.384	0.412	10.97
9)	T	1,1,2-Trichlor...	0.593	0.587	0.625	0.526	0.495	0.508	0.556	9.48
10)	T	Methyl Iodide	0.748	0.763	0.840	0.712	0.721	0.725	0.751	6.30
11)	T	Tert butyl alc...	0.061	0.060	0.057	0.046	0.049	0.057	0.055	11.16
12)	CM	1,1-Dichloroet...	0.595	0.633	0.670	0.551	0.550	0.565	0.594	8.20#
13)	T	Acrolein	0.108	0.106	0.106	0.090	0.085	0.089	0.098	10.90
14)	T	Allyl chloride	0.911	0.933	1.006	0.879	0.880	0.921	0.922	5.06
15)	T	Acrylonitrile	0.216	0.220	0.232	0.189	0.197	0.218	0.212	7.60
16)	T	Acetone	0.216	0.252	0.242	0.164	0.162	0.180	0.203	19.64
17)	T	Carbon Disulfide	1.364	1.439	1.543	1.260	1.262	1.324	1.365	8.07
18)	T	Methyl Acetate	0.637	0.602	0.639	0.738	0.749	0.818	0.697	11.98
19)	T	Methyl tert-bu...	1.055	1.094	1.201	1.071	1.060	1.123	1.101	5.01
20)	T	Methylene Chlo...	1.758	1.269	0.843	0.747	0.661	0.666	0.991	44.29
21)	T	trans-1,2-Dich...	0.633	0.668	0.703	0.605	0.602	0.630	0.640	6.01
22)	T	Diisopropyl ether	1.893	2.067	2.306	2.003	1.989	2.030	2.048	6.79
23)	T	Vinyl Acetate	1.220	1.347	1.501	1.216	1.263	1.358	1.317	8.26
24)	P	1,1-Dichloroet...	1.313	1.343	1.418	1.232	1.201	1.250	1.293	6.25
25)	T	2-Butanone	0.282	0.300	0.307	0.252	0.260	0.296	0.283	7.92
26)	T	2,2-Dichloropr...	0.660	0.686	0.672	0.598	0.596	0.610	0.637	6.27
27)	T	cis-1,2-Dichlo...	0.803	0.821	0.843	0.763	0.760	0.789	0.796	4.10
28)	T	Bromochloromet...	0.662	0.629	0.656	0.589	0.586	0.579	0.617	6.03
29)	T	Tetrahydrofuran	0.179	0.189	0.200	0.166	0.173	0.194	0.183	7.14
30)	C	Chloroform	1.400	1.413	1.489	1.286	1.227	1.278	1.349	7.41#
31)	T	Cyclohexane	1.132	1.088	1.139	0.912	0.912	0.933	1.019	10.93
32)	T	1,1,1-Trichlor...	0.927	0.946	0.985	0.873	0.852	0.869	0.909	5.74
33)	S	1,2-Dichloroet...	0.886	0.863	0.864	0.708	0.703	0.714	0.789	11.32
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.393	0.364	0.379	0.347	0.342	0.332	0.360	6.54
36)	T	1,1-Dichloropr...	0.481	0.486	0.524	0.483	0.479	0.456	0.485	4.50
37)	T	Ethyl Acetate	0.313	0.326	0.356	0.300	0.314	0.321	0.322	5.90
38)	T	Carbon Tetrach...	0.442	0.462	0.505	0.447	0.452	0.429	0.456	5.77
39)	T	Methylcyclohexane	0.507	0.545	0.596	0.569	0.584	0.564	0.561	5.68
40)	TM	Benzene	1.503	1.545	1.639	1.516	1.515	1.438	1.526	4.31
41)	T	Methacrylonitrile	0.168	0.182	0.200	0.177	0.177	0.203	0.184	7.56
42)	TM	1,2-Dichloroet...	0.545	0.518	0.537	0.486	0.488	0.470	0.507	5.99
43)	T	Isopropyl Acetate	0.553	0.575	0.604	0.548	0.578	0.596	0.576	3.89
44)	TM	Trichloroethene	0.343	0.371	0.382	0.346	0.359	0.339	0.357	4.73
45)	C	1,2-Dichloropr...	0.391	0.408	0.423	0.393	0.384	0.372	0.395	4.53#
46)	T	Dibromomethane	0.257	0.250	0.255	0.235	0.235	0.227	0.243	5.10
47)	T	Bromodichlorom...	0.549	0.544	0.577	0.558	0.557	0.541	0.554	2.37
48)	T	Methyl methacr...	0.236	0.257	0.279	0.269	0.288	0.296	0.271	8.11
49)	T	1,4-Dioxane	0.003	0.003	0.004	0.003	0.003	0.004	0.003	10.32
50)	S	Toluene-d8	1.334	1.339	1.372	1.252	1.274	1.205	1.296	4.86
51)	T	4-Methyl-2-Pen...	0.327	0.346	0.370	0.324	0.338	0.342	0.341	4.79
52)	CM	Toluene	0.894	0.955	1.010	0.937	0.963	0.916	0.946	4.26#
53)	T	t-1,3-Dichloro...	0.440	0.478	0.521	0.507	0.554	0.547	0.508	8.51
54)	T	cis-1,3-Dichlo...	0.525	0.558	0.618	0.590	0.614	0.611	0.586	6.36
55)	T	1,1,2-Trichlor...	0.343	0.339	0.359	0.316	0.316	0.318	0.332	5.41
56)	T	Ethyl methacry...	0.362	0.405	0.462	0.438	0.475	0.480	0.437	10.51

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W092525S.M

57)	T	1,3-Dichloropr...	0.562	0.580	0.617	0.568	0.562	0.548	0.573	4.22
58)	T	2-Chloroethyl ...	0.206	0.220	0.236	0.252	0.264	0.261	0.240	9.74
59)	T	2-Hexanone	0.215	0.224	0.255	0.225	0.236	0.243	0.233	6.15
60)	T	Dibromochlorom...	0.354	0.352	0.371	0.369	0.377	0.364	0.364	2.66
61)	T	1,2-Dibromoethane	0.310	0.313	0.337	0.308	0.308	0.309	0.314	3.64
62)	S	4-Bromofluorob...	0.505	0.491	0.511	0.482	0.486	0.458	0.489	3.83
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.297	0.331	0.323	0.301	0.288	0.288	0.305	5.98
65)	PM	Chlorobenzene	1.146	1.205	1.234	1.126	1.109	1.091	1.152	4.89
66)	T	1,1,1,2-Tetrac...	0.354	0.367	0.377	0.360	0.366	0.361	0.364	2.20
67)	C	Ethyl Benzene	1.710	1.890	1.993	1.882	1.927	1.908	1.885	5.02#
68)	T	m/p-Xylenes	0.647	0.728	0.793	0.721	0.729	0.717	0.723	6.44
69)	T	o-Xylene	0.590	0.670	0.711	0.704	0.707	0.694	0.679	6.79
70)	T	Styrene	0.977	1.180	1.315	1.247	1.223	1.204	1.191	9.61
71)	P	Bromoform	0.186	0.222	0.219	0.210	0.214	0.223	0.212	6.52
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.005	3.296	3.600	3.704	3.535	3.740	3.480	8.07
74)	T	N-amyl acetate	0.995	1.051	1.158	1.082	1.086	1.203	1.096	6.80
75)	P	1,1,2,2-Tetrac...	0.955	0.945	0.943	0.886	0.843	0.902	0.912	4.75
76)	T	1,2,3-Trichlor...	0.752	0.709	0.701	0.665	0.631	0.670	0.688	6.09
77)	T	Bromobenzene	0.832	0.813	0.868	0.917	0.837	0.869	0.856	4.31
78)	T	n-propylbenzene	3.941	4.225	4.466	4.685	4.428	4.483	4.371	5.88
79)	T	2-Chlorotoluene	2.428	2.616	2.716	2.777	2.628	2.724	2.648	4.68
80)	T	1,3,5-Trimethy...	2.544	2.923	3.068	3.175	3.026	3.117	2.975	7.66
81)	T	trans-1,4-Dich...	0.229	0.241	0.256	0.270	0.278	0.315	0.265	11.53
82)	T	4-Chlorotoluene	2.530	2.844	2.867	2.928	2.752	2.870	2.799	5.12
83)	T	tert-Butylbenzene	2.196	2.346	2.559	2.617	2.538	2.674	2.488	7.28
84)	T	1,2,4-Trimethy...	2.557	2.971	3.151	3.202	3.108	3.136	3.021	7.94
85)	T	sec-Butylbenzene	3.324	3.569	3.851	3.989	3.738	3.949	3.737	6.77
86)	T	p-Isopropyltol...	2.720	3.012	3.145	3.380	3.116	3.193	3.095	7.10
87)	T	1,3-Dichlorobe...	1.700	1.684	1.659	1.737	1.656	1.722	1.693	1.94
88)	T	1,4-Dichlorobe...	1.811	1.770	1.807	1.674	1.631	1.685	1.730	4.42
89)	T	n-Butylbenzene	2.754	3.054	3.129	3.307	3.112	3.277	3.106	6.38
90)	T	Hexachloroethane	0.564	0.548	0.586	0.575	0.579	0.608	0.577	3.49
91)	T	1,2-Dichlorobe...	1.587	1.636	1.663	1.630	1.465	1.524	1.584	4.79
92)	T	1,2-Dibromo-3-...	0.167	0.156	0.156	0.144	0.148	0.166	0.156	5.78
93)	T	1,2,4-Trichlor...	0.850	0.888	0.943	0.960	0.961	1.035	0.940	6.83
94)	T	Hexachlorobuta...	0.461	0.436	0.474	0.391	0.405	0.422	0.432	7.41
95)	T	Naphthalene	1.847	2.080	2.252	2.318	2.369	2.665	2.255	12.25
96)	T	1,2,3-Trichlor...	0.807	0.849	0.861	0.892	0.881	0.953	0.874	5.57

(#) = Out of Range



Response = 6.223e-001 * Amt + 1.105e-001
Coef of Det (r^2) = 0.999012 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA W\Method\82W092525S.M
Calibration Table Last Updated: Fri Sep 26 07:11:42 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.959	168	238142	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.849	114	445366	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.635	117	431495	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	209227	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	21096	5.610	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	11.220%#			
35) Dibromofluoromethane	7.904	113	17518	5.469	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.940%#			
50) Toluene-d8	10.330	98	59424	5.148	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	10.300%#			
62) 4-Bromofluorobenzene	12.617	95	22506	5.169	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.340%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.045	85	9243	5.618	ug/l		93
3) Chloromethane	2.259	50	12861	5.462	ug/l		92
4) Vinyl Chloride	2.411	62	14540	5.285	ug/l	#	88
5) Bromomethane	2.826	94	9604	5.112	ug/l		99
6) Chloroethane	2.972	64	9905	5.313	ug/l		98
7) Trichlorofluoromethane	3.307	101	9495	4.581	ug/l	#	82
8) Diethyl Ether	3.722	74	11315	5.773	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.106	101	14114	5.334	ug/l		96
10) Methyl Iodide	4.319	142	17823	4.980	ug/l		98
11) Tert butyl alcohol	5.228	59	7211	27.627	ug/l		95
12) 1,1-Dichloroethene	4.082	96	14162	5.007	ug/l		93
13) Acrolein	3.935	56	12892	27.751	ug/l		94
14) Allyl chloride	4.703	41	21706	4.945	ug/l		98
15) Acrylonitrile	5.417	53	25755	25.513	ug/l		96
16) Acetone	4.167	43	25773	26.689	ug/l		97
17) Carbon Disulfide	4.423	76	32473	4.994	ug/l		98
18) Methyl Acetate	4.716	43	15180	4.571	ug/l		97
19) Methyl tert-butyl Ether	5.465	73	25133	4.794	ug/l		98
20) Methylene Chloride	4.966	84	41876	5.253	ug/l		96
21) trans-1,2-Dichloroethene	5.465	96	15086	4.946	ug/l		89
22) Diisopropyl ether	6.343	45	45086	4.622	ug/l	#	86
23) Vinyl Acetate	6.289	43	145249	23.148	ug/l		96
24) 1,1-Dichloroethane	6.246	63	31274	5.079	ug/l		99
25) 2-Butanone	7.197	43	33552	24.927	ug/l		91
26) 2,2-Dichloropropane	7.185	77	15711	5.178	ug/l		97
27) cis-1,2-Dichloroethene	7.191	96	19129	5.043	ug/l		99
28) Bromochloromethane	7.532	49	15762	5.365	ug/l	#	100
29) Tetrahydrofuran	7.563	42	21353	24.436	ug/l		95
30) Chloroform	7.691	83	33349	5.191	ug/l		91
31) Cyclohexane	7.965	56	26952	5.551	ug/l	#	82
32) 1,1,1-Trichloroethane	7.886	97	22073	5.100	ug/l	#	75
36) 1,1-Dichloropropene	8.093	75	21420	4.960	ug/l		96
37) Ethyl Acetate	7.288	43	13922	4.861	ug/l	#	80
38) Carbon Tetrachloride	8.087	117	19674	4.843	ug/l	#	87
39) Methylcyclohexane	9.343	83	22561	4.515	ug/l		97
40) Benzene	8.337	78	66943	4.925	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	7461	4.549	ug/l		93
42) 1,2-Dichloroethane	8.416	62	24254	5.368	ug/l		100
43) Isopropyl Acetate	8.441	43	24619	4.802	ug/l		99
44) Trichloroethene	9.099	130	15290	4.813	ug/l		98
45) 1,2-Dichloropropane	9.373	63	17431	4.951	ug/l		95
46) Dibromomethane	9.471	93	11428	5.280	ug/l		96
47) Bromodichloromethane	9.654	83	24435	4.950	ug/l		96
48) Methyl methacrylate	9.446	41	10520	4.362	ug/l		92
49) 1,4-Dioxane	9.471	88	2525	87.105	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.215	43	72902	23.984	ug/l		96
52) Toluene	10.391	92	39810	4.725	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	19584	4.330	ug/l		94
54) cis-1,3-Dichloropropene	10.081	75	23388	4.479	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	15277	5.171	ug/l		98
56) Ethyl methacrylate	10.647	69	16129	4.145	ug/l		97
57) 1,3-Dichloropropane	10.934	76	25050	4.908	ug/l		94
58) 2-Chloroethyl Vinyl ether	9.928	63	45909	21.490	ug/l		99
59) 2-Hexanone	10.971	43	47919	23.086	ug/l		93
60) Dibromochloromethane	11.129	129	15750	4.854	ug/l		99
61) 1,2-Dibromoethane	11.239	107	13807	4.933	ug/l		97
64) Tetrachloroethene	10.861	164	12819	4.875	ug/l	#	89
65) Chlorobenzene	11.659	112	49447	4.975	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	15257	4.854	ug/l		99
67) Ethyl Benzene	11.733	91	73779	4.535	ug/l		98
68) m/p-Xylenes	11.842	106	55830	8.952	ug/l		93
69) o-Xylene	12.166	106	25456	4.343	ug/l		98
70) Styrene	12.178	104	42166	4.102	ug/l		97
71) Bromoform	12.348	173	8018	4.377	ug/l	#	86
73) Isopropylbenzene	12.464	105	62880	4.318	ug/l		98
74) N-amyl acetate	12.269	43	20827	4.541	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	19979	5.233	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	15732m	4.781	ug/l		
77) Bromobenzene	12.745	156	17400	4.858	ug/l		93
78) n-propylbenzene	12.800	91	82458	4.508	ug/l		99
79) 2-Chlorotoluene	12.891	91	50795	4.584	ug/l		96
80) 1,3,5-Trimethylbenzene	12.940	105	53227	4.275	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	4797	4.329	ug/l		87
82) 4-Chlorotoluene	12.989	91	52940	4.521	ug/l		98
83) tert-Butylbenzene	13.202	119	45943	4.412	ug/l		98
84) 1,2,4-Trimethylbenzene	13.251	105	53509	4.233	ug/l		96
85) sec-Butylbenzene	13.379	105	69549	4.448	ug/l		99
86) p-Isopropyltoluene	13.495	119	56914	4.395	ug/l		97
87) 1,3-Dichlorobenzene	13.495	146	35563	5.020	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	37891	5.235	ug/l		96
89) n-Butylbenzene	13.818	91	57629	4.434	ug/l		97
90) Hexachloroethane	14.086	117	11800	4.889	ug/l		96
91) 1,2-Dichlorobenzene	13.866	146	33197	5.009	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	3485	5.336	ug/l		82
93) 1,2,4-Trichlorobenzene	15.122	180	17792	4.525	ug/l		98
94) Hexachlorobutadiene	15.232	225	9652	5.345	ug/l		89
95) Naphthalene	15.360	128	38646	4.095	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	16886	4.619	ug/l		94

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

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

Quantitation Report (QT Reviewed)

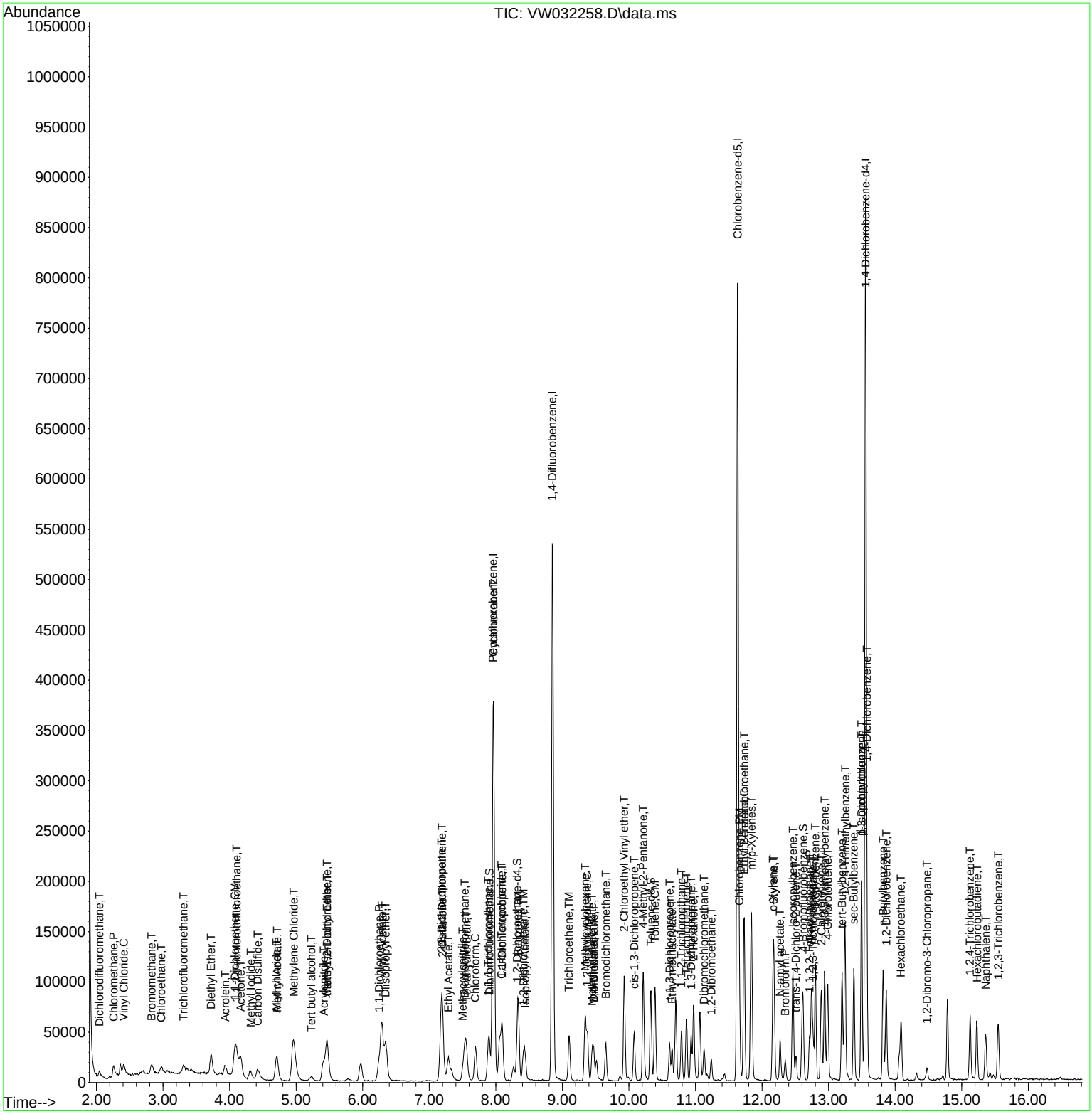
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 06:47:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	248065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	468360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	429928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	42794	10.926	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	21.860%#		
35) Dibromofluoromethane	7.898	113	34108	10.126	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	20.260%#		
50) Toluene-d8	10.331	98	125406	10.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	20.660%#		
62) 4-Bromofluorobenzene	12.617	95	45948	10.035	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	20.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	19773	11.537	ug/l	98
3) Chloromethane	2.253	50	27657	11.276	ug/l	93
4) Vinyl Chloride	2.405	62	31161	10.874	ug/l	99
5) Bromomethane	2.826	94	21051	10.757	ug/l	94
6) Chloroethane	2.978	64	20229	10.417	ug/l	96
7) Trichlorofluoromethane	3.302	101	20665	9.570	ug/l	97
8) Diethyl Ether	3.728	74	21842	10.698	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	29104	10.560	ug/l	95
10) Methyl Iodide	4.308	142	37859	10.156	ug/l	98
11) Tert butyl alcohol	5.228	59	14898	54.794	ug/l	99
12) 1,1-Dichloroethene	4.082	96	31390	10.654	ug/l	89
13) Acrolein	3.930	56	26417	54.589	ug/l	99
14) Allyl chloride	4.704	41	46273	10.120	ug/l	98
15) Acrylonitrile	5.405	53	54484	51.814	ug/l	99
16) Acetone	4.161	43	62561	62.193	ug/l	98
17) Carbon Disulfide	4.423	76	71415	10.543	ug/l	98
18) Methyl Acetate	4.716	43	29862	8.632	ug/l	96
19) Methyl tert-butyl Ether	5.460	73	54291	9.941	ug/l	95
20) Methylene Chloride	4.954	84	62968	11.520	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	33128	10.428	ug/l	90
22) Diisopropyl ether	6.344	45	102543	10.093	ug/l	96
23) Vinyl Acetate	6.289	43	334126	51.119	ug/l	97
24) 1,1-Dichloroethane	6.240	63	66637	10.390	ug/l	98
25) 2-Butanone	7.197	43	74330	53.014	ug/l	97
26) 2,2-Dichloropropane	7.191	77	34033	10.768	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	40710	10.303	ug/l	98
28) Bromochloromethane	7.533	49	31230	10.204	ug/l #	97
29) Tetrahydrofuran	7.563	42	46844	51.463	ug/l	98
30) Chloroform	7.697	83	70085	10.473	ug/l	99
31) Cyclohexane	7.971	56	53996	10.677	ug/l #	92
32) 1,1,1-Trichloroethane	7.886	97	46942	10.413	ug/l	97
36) 1,1-Dichloropropene	8.100	75	45535	10.027	ug/l	99
37) Ethyl Acetate	7.283	43	30498	10.126	ug/l	96
38) Carbon Tetrachloride	8.081	117	43230	10.118	ug/l	87
39) Methylcyclohexane	9.343	83	51092	9.723	ug/l	98
40) Benzene	8.337	78	144721	10.124	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 06:47:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.502	41	17016	9.865 ug/l	92
42) 1,2-Dichloroethane	8.417	62	48566	10.222 ug/l	98
43) Isopropyl Acetate	8.435	43	53838	9.986 ug/l	99
44) Trichloroethene	9.099	130	34730	10.395 ug/l	89
45) 1,2-Dichloropropane	9.374	63	38213	10.322 ug/l	97
46) Dibromomethane	9.465	93	23384	10.273 ug/l	98
47) Bromodichloromethane	9.648	83	50969	9.818 ug/l	97
48) Methyl methacrylate	9.441	41	24046	9.481 ug/l	98
49) 1,4-Dioxane	9.465	88	5391	176.842 ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	162030	50.689 ug/l	96
52) Toluene	10.392	92	89443	10.096 ug/l	99
53) t-1,3-Dichloropropene	10.611	75	44781	9.415 ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	52304	9.525 ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	31763	10.223 ug/l	97
56) Ethyl methacrylate	10.648	69	37918	9.265 ug/l	98
57) 1,3-Dichloropropane	10.934	76	54352	10.126 ug/l	96
58) 2-Chloroethyl Vinyl ether	9.928	63	102960	45.830 ug/l	100
59) 2-Hexanone	10.971	43	105087	48.141 ug/l	95
60) Dibromochloromethane	11.129	129	33001	9.672 ug/l	99
61) 1,2-Dibromoethane	11.233	107	29299	9.954 ug/l	95
64) Tetrachloroethene	10.861	164	28481	10.870 ug/l	89
65) Chlorobenzene	11.660	112	103607	10.462 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	31543	10.071 ug/l	98
67) Ethyl Benzene	11.733	91	162514	10.026 ug/l	98
68) m/p-Xylenes	11.837	106	125268	20.160 ug/l	98
69) o-Xylene	12.166	106	57588	9.862 ug/l	97
70) Styrene	12.178	104	101464	9.908 ug/l	98
71) Bromoform	12.349	173	19072	10.450 ug/l	98
73) Isopropylbenzene	12.465	105	146979	9.472 ug/l	99
74) N-amyl acetate	12.270	43	46865	9.590 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	42129	10.355 ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	31615m	9.017 ug/l	
77) Bromobenzene	12.745	156	36258	9.500 ug/l	86
78) n-propylbenzene	12.800	91	188377	9.665 ug/l	99
79) 2-Chlorotoluene	12.891	91	116645	9.879 ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	130321	9.823 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	10751	9.104 ug/l	89
82) 4-Chlorotoluene	12.989	91	126800	10.161 ug/l	98
83) tert-Butylbenzene	13.202	119	104621	9.429 ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	132488	9.836 ug/l	95
85) sec-Butylbenzene	13.379	105	159160	9.553 ug/l	99
86) p-Isopropyltoluene	13.495	119	134315	9.734 ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	75097	9.947 ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	78941	10.235 ug/l	96
89) n-Butylbenzene	13.818	91	136190	9.835 ug/l	98
90) Hexachloroethane	14.086	117	24456	9.509 ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	72927	10.326 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	6957	9.997 ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	39615	9.455 ug/l	98
94) Hexachlorobutadiene	15.232	225	19426	10.095 ug/l	92
95) Naphthalene	15.360	128	92765	9.225 ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	37857	9.717 ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 06:47:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

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

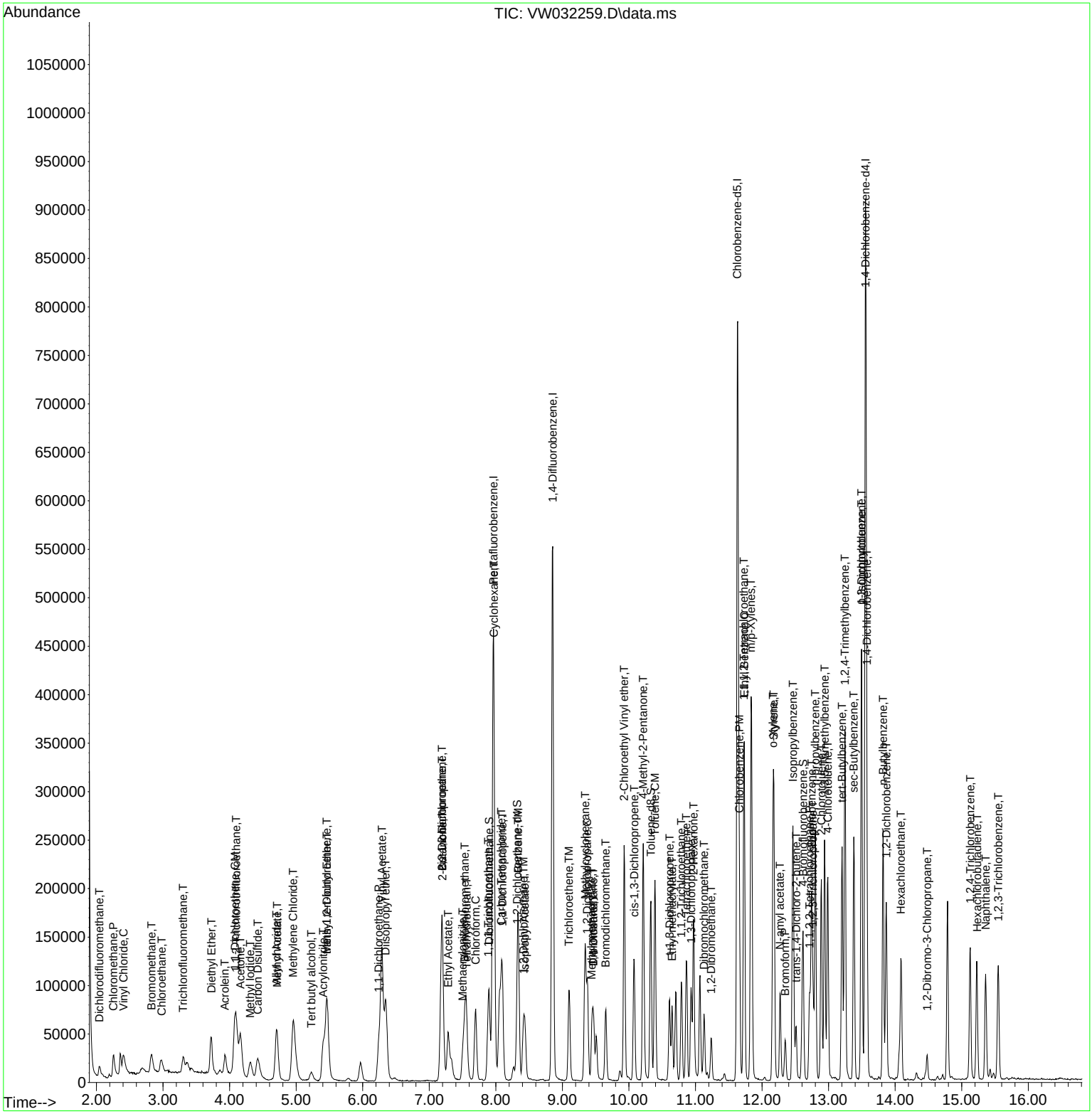
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 06:47:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	243729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	461392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	434624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	226451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	84184	21.875	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 43.740%#			
35) Dibromofluoromethane	7.898	113	69983	21.091	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 42.180%#			
50) Toluene-d8	10.331	98	253179	21.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 42.340%#			
62) 4-Bromofluorobenzene	12.617	95	94235	20.891	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 41.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	38695	22.979	ug/l	96
3) Chloromethane	2.259	50	53411	22.164	ug/l	94
4) Vinyl Chloride	2.405	62	63783	22.653	ug/l	100
5) Bromomethane	2.820	94	42423	22.064	ug/l	87
6) Chloroethane	2.966	64	42305	22.173	ug/l	98
7) Trichlorofluoromethane	3.302	101	50606	23.853	ug/l	93
8) Diethyl Ether	3.722	74	42486	21.179	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	60885	22.484	ug/l	99
10) Methyl Iodide	4.308	142	81878	22.355	ug/l	100
11) Tert butyl alcohol	5.222	59	27601	103.322	ug/l #	86
12) 1,1-Dichloroethene	4.076	96	65285	22.553	ug/l	100
13) Acrolein	3.930	56	51881	109.117	ug/l	94
14) Allyl chloride	4.710	41	98036	21.823	ug/l	100
15) Acrylonitrile	5.405	53	113227	109.593	ug/l	98
16) Acetone	4.161	43	118108	119.503	ug/l	95
17) Carbon Disulfide	4.423	76	150468	22.608	ug/l	99
18) Methyl Acetate	4.710	43	62340	18.340	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	117064	21.817	ug/l	100
20) Methylene Chloride	4.960	84	82214	18.228	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	68490	21.942	ug/l	100
22) Diisopropyl ether	6.344	45	224788	22.518	ug/l	99
23) Vinyl Acetate	6.289	43	731805	113.954	ug/l	98
24) 1,1-Dichloroethane	6.240	63	138225	21.935	ug/l	100
25) 2-Butanone	7.197	43	149616	108.608	ug/l	99
26) 2,2-Dichloropropane	7.185	77	65482	21.087	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	82208	21.175	ug/l	98
28) Bromochloromethane	7.533	49	63972	21.275	ug/l #	99
29) Tetrahydrofuran	7.557	42	97668	109.208	ug/l	100
30) Chloroform	7.691	83	145120	22.072	ug/l	99
31) Cyclohexane	7.971	56	111011	22.340	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	96016	21.677	ug/l	98
36) 1,1-Dichloropropene	8.093	75	96645	21.603	ug/l	99
37) Ethyl Acetate	7.276	43	65684	22.138	ug/l	100
38) Carbon Tetrachloride	8.081	117	93252	22.156	ug/l	98
39) Methylcyclohexane	9.343	83	110069	21.264	ug/l	97
40) Benzene	8.337	78	302446	21.478	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	36840	21.680	ug/l		96
42) 1,2-Dichloroethane	8.410	62	99043	21.160	ug/l		99
43) Isopropyl Acetate	8.441	43	111547	21.003	ug/l		99
44) Trichloroethene	9.105	130	70450	21.404	ug/l		85
45) 1,2-Dichloropropane	9.374	63	78048	21.400	ug/l		97
46) Dibromomethane	9.465	93	47056	20.986	ug/l		98
47) Bromodichloromethane	9.654	83	106511	20.826	ug/l	#	97
48) Methyl methacrylate	9.447	41	51409	20.575	ug/l		96
49) 1,4-Dioxane	9.471	88	13201	439.575	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.215	43	341323	108.392	ug/l		99
52) Toluene	10.392	92	186350	21.351	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	96092	20.507	ug/l		96
54) cis-1,3-Dichloropropene	10.075	75	114070	21.086	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	66195	21.627	ug/l		98
56) Ethyl methacrylate	10.648	69	85321	21.163	ug/l		97
57) 1,3-Dichloropropane	10.934	76	113957	21.552	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	217872	98.444	ug/l		99
59) 2-Hexanone	10.971	43	234851	109.212	ug/l		97
60) Dibromochloromethane	11.129	129	68381	20.343	ug/l		98
61) 1,2-Dibromoethane	11.239	107	62256	21.470	ug/l		98
64) Tetrachloroethene	10.861	164	56103	21.182	ug/l		94
65) Chlorobenzene	11.660	112	214538	21.430	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	65613	20.723	ug/l		98
67) Ethyl Benzene	11.733	91	346566	21.149	ug/l		98
68) m/p-Xylenes	11.837	106	275886	43.920	ug/l		94
69) o-Xylene	12.166	106	123539	20.927	ug/l		96
70) Styrene	12.178	104	228628	22.084	ug/l		98
71) Bromoform	12.349	173	38000	20.596	ug/l	#	96
73) Isopropylbenzene	12.465	105	326048	20.686	ug/l		97
74) N-amyl acetate	12.270	43	104936	21.142	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	85459	20.680	ug/l		99
76) 1,2,3-Trichloropropane	12.769	75	63465m	17.820	ug/l		
77) Bromobenzene	12.745	156	78661	20.291	ug/l		92
78) n-propylbenzene	12.800	91	404504	20.432	ug/l		100
79) 2-Chlorotoluene	12.891	91	245976	20.510	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	277878	20.621	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	23150	19.301	ug/l		90
82) 4-Chlorotoluene	12.989	91	259722	20.491	ug/l		99
83) tert-Butylbenzene	13.202	119	231761	20.565	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	285414	20.861	ug/l		100
85) sec-Butylbenzene	13.379	105	348797	20.611	ug/l		99
86) p-Isopropyltoluene	13.495	119	284908	20.328	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	150306	19.601	ug/l		95
88) 1,4-Dichlorobenzene	13.574	146	163717	20.899	ug/l		97
89) n-Butylbenzene	13.818	91	283445	20.152	ug/l		99
90) Hexachloroethane	14.092	117	53076	20.318	ug/l		91
91) 1,2-Dichlorobenzene	13.867	146	150614	20.996	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14130	19.991	ug/l		96
93) 1,2,4-Trichlorobenzene	15.129	180	85426	20.074	ug/l		99
94) Hexachlorobutadiene	15.232	225	42929	21.964	ug/l		86
95) Naphthalene	15.360	128	203984	19.971	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	78000	19.712	ug/l		93

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

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

Quantitation Report (QT Reviewed)

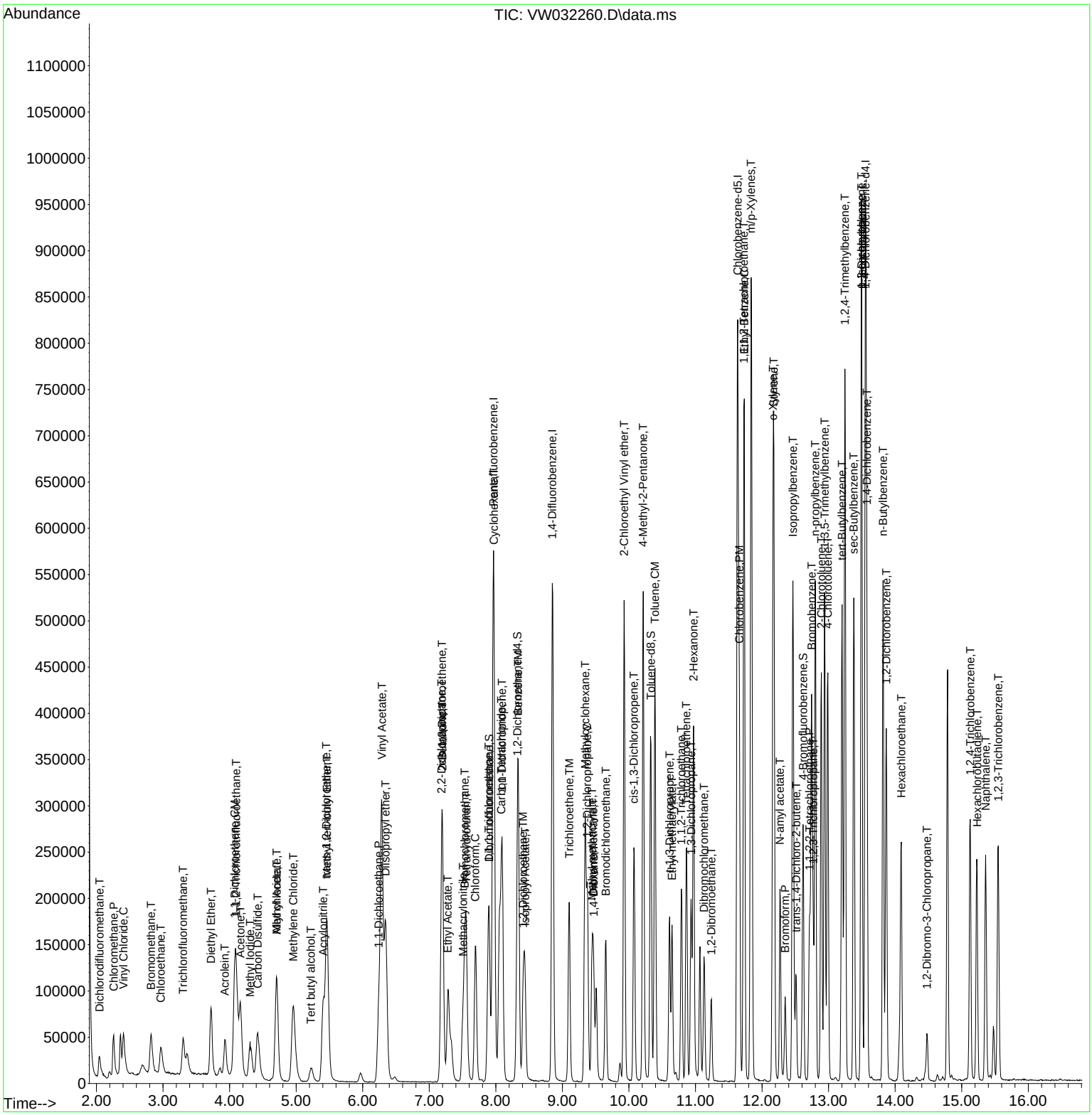
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	263419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	461173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	443387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	213560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	186598	44.863	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 89.720%			
35) Dibromofluoromethane	7.904	113	159800	48.182	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 96.360%			
50) Toluene-d8	10.325	98	577472	48.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 96.620%			
62) 4-Bromofluorobenzene	12.617	95	222382	49.323	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	77732	42.711	ug/l	100
3) Chloromethane	2.253	50	111388	42.767	ug/l	100
4) Vinyl Chloride	2.405	62	141381	46.459	ug/l	100
5) Bromomethane	2.820	94	96600	46.487	ug/l	100
6) Chloroethane	2.966	64	94674	45.912	ug/l	100
7) Trichlorofluoromethane	3.301	101	100937	44.021	ug/l	100
8) Diethyl Ether	3.716	74	96887	44.687	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	138524	47.331	ug/l	100
10) Methyl Iodide	4.301	142	187435	47.349	ug/l	100
11) Tert butyl alcohol	5.216	59	60028	207.913	ug/l	100
12) 1,1-Dichloroethene	4.076	96	145223	46.418	ug/l	100
13) Acrolein	3.929	56	118954	231.485	ug/l	100
14) Allyl chloride	4.698	41	231447	47.669	ug/l	100
15) Acrylonitrile	5.399	53	248561	222.601	ug/l	100
16) Acetone	4.161	43	215356	201.612	ug/l	100
17) Carbon Disulfide	4.417	76	331845	46.133	ug/l	100
18) Methyl Acetate	4.710	43	194479	52.938	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	282181	48.658	ug/l	100
20) Methylene Chloride	4.954	84	196832	51.165	ug/l	100
21) trans-1,2-Dichloroethene	5.453	96	159500	47.279	ug/l	100
22) Diisopropyl ether	6.337	45	527651	48.907	ug/l	100
23) Vinyl Acetate	6.283	43	1601259	230.704	ug/l	100
24) 1,1-Dichloroethane	6.246	63	324470	47.641	ug/l	100
25) 2-Butanone	7.191	43	332100	223.055	ug/l	100
26) 2,2-Dichloropropane	7.185	77	157515	46.933	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	200886	47.877	ug/l	100
28) Bromochloromethane	7.526	49	155192	47.753	ug/l #	100
29) Tetrahydrofuran	7.551	42	218311	225.860	ug/l	100
30) Chloroform	7.691	83	338865	47.686	ug/l	100
31) Cyclohexane	7.971	56	240167	44.720	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	230079	48.061	ug/l	100
36) 1,1-Dichloropropene	8.093	75	222842	49.836	ug/l	100
37) Ethyl Acetate	7.276	43	138317	46.641	ug/l	100
38) Carbon Tetrachloride	8.087	117	206044	48.978	ug/l	100
39) Methylcyclohexane	9.343	83	262496	50.734	ug/l	100
40) Benzene	8.331	78	699089	49.669	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	81434	47.946	ug/l		100
42) 1,2-Dichloroethane	8.410	62	224207	47.924	ug/l		100
43) Isopropyl Acetate	8.435	43	252816	47.624	ug/l		100
44) Trichloroethene	9.099	130	159555	48.499	ug/l		100
45) 1,2-Dichloropropane	9.373	63	181112	49.683	ug/l		100
46) Dibromomethane	9.465	93	108241	48.295	ug/l		100
47) Bromodichloromethane	9.648	83	257273	50.329	ug/l		100
48) Methyl methacrylate	9.441	41	123924	49.620	ug/l		100
49) 1,4-Dioxane	9.465	88	30020	1000.100	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.215	43	747705	237.557	ug/l		100
52) Toluene	10.386	92	432072	49.529	ug/l		100
53) t-1,3-Dichloropropene	10.611	75	234010	49.964	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	272276	50.355	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	145639	47.606	ug/l		100
56) Ethyl methacrylate	10.648	69	201819	50.082	ug/l		100
57) 1,3-Dichloropropane	10.934	76	262086	49.590	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	581038	262.662	ug/l		100
59) 2-Hexanone	10.971	43	518965	241.448	ug/l		100
60) Dibromochloromethane	11.129	129	170115	50.633	ug/l		100
61) 1,2-Dibromoethane	11.239	107	141919	48.966	ug/l		100
64) Tetrachloroethene	10.867	164	133631	49.455	ug/l		100
65) Chlorobenzene	11.660	112	499320	48.890	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	159711	49.447	ug/l		100
67) Ethyl Benzene	11.727	91	834567	49.923	ug/l		100
68) m/p-Xylenes	11.836	106	639320	99.765	ug/l		100
69) o-Xylene	12.166	106	312144	51.830	ug/l		100
70) Styrene	12.178	104	552922	52.353	ug/l		100
71) Bromoform	12.349	173	93158	49.493	ug/l	#	100
73) Isopropylbenzene	12.464	105	791099	53.222	ug/l		100
74) N-amyl acetate	12.269	43	231039	49.357	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	189180	48.542	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	141938m	42.260	ug/l		
77) Bromobenzene	12.745	156	195785	53.552	ug/l		100
78) n-propylbenzene	12.800	91	1000628	53.593	ug/l		100
79) 2-Chlorotoluene	12.891	91	592976	52.428	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	678131	53.361	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	57637	50.954	ug/l		100
82) 4-Chlorotoluene	12.983	91	625344	52.316	ug/l		100
83) tert-Butylbenzene	13.202	119	558898	52.587	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	683724	52.990	ug/l		100
85) sec-Butylbenzene	13.379	105	851810	53.372	ug/l		100
86) p-Isopropyltoluene	13.495	119	721846	54.612	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	371057	51.310	ug/l		100
88) 1,4-Dichlorobenzene	13.574	146	357426	48.381	ug/l		100
89) n-Butylbenzene	13.818	91	706203	53.238	ug/l		100
90) Hexachloroethane	14.092	117	122891	49.885	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	348041	51.447	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30775	46.167	ug/l		100
93) 1,2,4-Trichlorobenzene	15.129	180	204990	51.077	ug/l		100
94) Hexachlorobutadiene	15.232	225	83590	45.350	ug/l		100
95) Naphthalene	15.360	128	494973	51.385	ug/l		100
96) 1,2,3-Trichlorobenzene	15.543	180	190435	51.031	ug/l		100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

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

Quantitation Report (QT Reviewed)

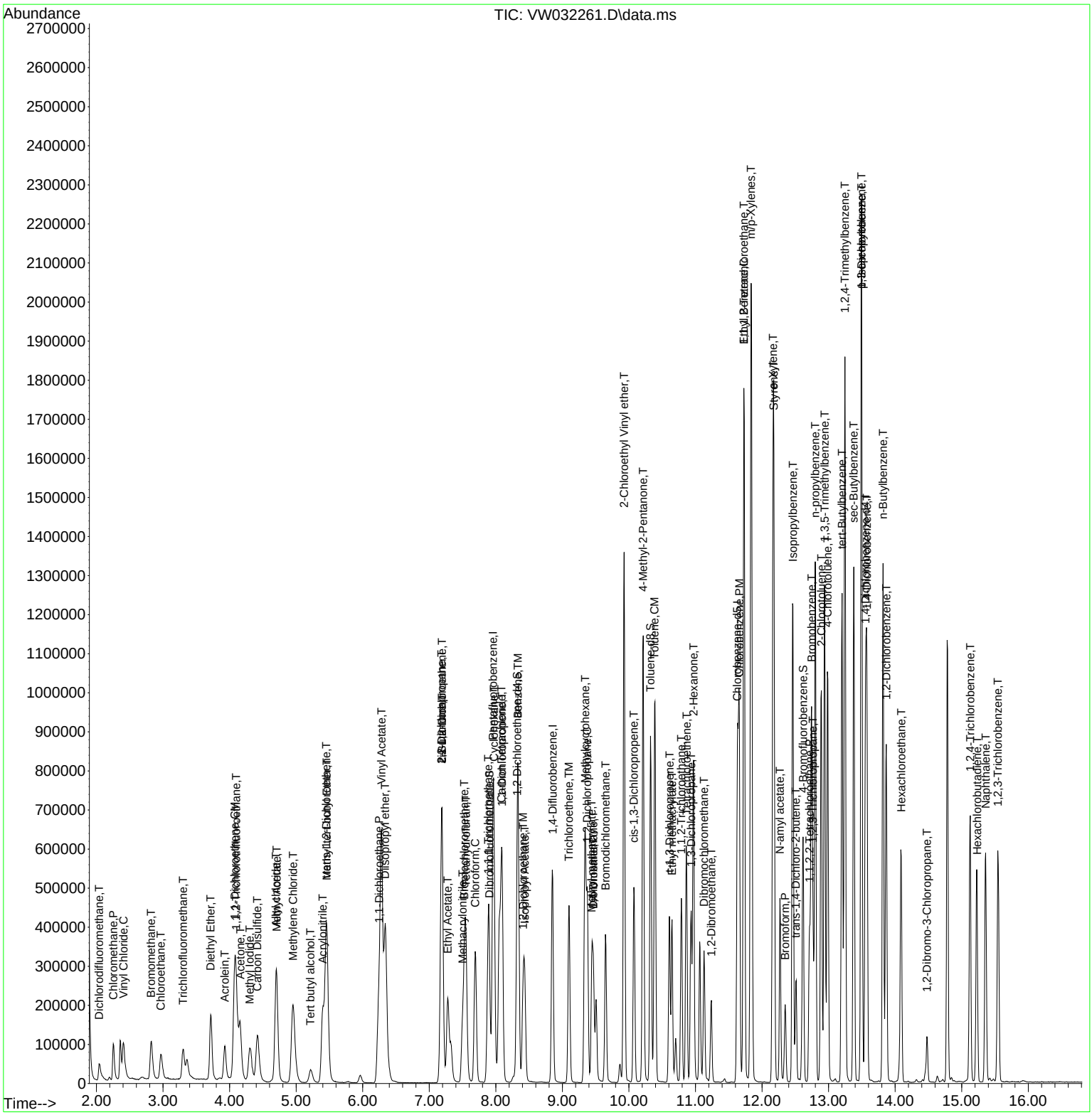
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	270060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	469392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	452792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	225531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	379535	89.005	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 178.020%#			
35) Dibromofluoromethane	7.904	113	320954	95.077	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 190.160%#			
50) Toluene-d8	10.325	98	1195947	98.302	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 196.600%#			
62) 4-Bromofluorobenzene	12.617	95	456586	99.494	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 198.980%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	159187	85.317	ug/l	98
3) Chloromethane	2.253	50	236913	88.725	ug/l	93
4) Vinyl Chloride	2.405	62	277540	88.959	ug/l	96
5) Bromomethane	2.820	94	194678	91.381	ug/l	89
6) Chloroethane	2.972	64	192034	90.836	ug/l	98
7) Trichlorofluoromethane	3.301	101	236771	100.722	ug/l	97
8) Diethyl Ether	3.722	74	197656	88.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	267494	89.149	ug/l	99
10) Methyl Iodide	4.319	142	389172	95.893	ug/l	97
11) Tert butyl alcohol	5.228	59	132448	447.465	ug/l	98
12) 1,1-Dichloroethene	4.082	96	296922	92.573	ug/l	97
13) Acrolein	3.929	56	228335	433.414	ug/l	95
14) Allyl chloride	4.704	41	475222	95.469	ug/l	99
15) Acrylonitrile	5.405	53	531479	464.265	ug/l	99
16) Acetone	4.161	43	436453	398.550	ug/l	100
17) Carbon Disulfide	4.423	76	681761	92.447	ug/l	100
18) Methyl Acetate	4.716	43	404654	107.440	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	572270	96.254	ug/l	98
20) Methylene Chloride	4.954	84	356808	97.287	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	325375	94.076	ug/l	95
22) Diisopropyl ether	6.344	45	1074108	97.109	ug/l	100
23) Vinyl Acetate	6.283	43	3409679	479.176	ug/l	98
24) 1,1-Dichloroethane	6.246	63	648524	92.880	ug/l	99
25) 2-Butanone	7.197	43	701086	459.305	ug/l	100
26) 2,2-Dichloropropane	7.191	77	322157	93.629	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	410677	95.469	ug/l	99
28) Bromochloromethane	7.532	49	316521	95.000	ug/l #	98
29) Tetrahydrofuran	7.557	42	467041	471.309	ug/l	100
30) Chloroform	7.697	83	662900	90.992	ug/l	98
31) Cyclohexane	7.971	56	492754	89.496	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	460229	93.772	ug/l	100
36) 1,1-Dichloropropene	8.099	75	449330	98.728	ug/l	99
37) Ethyl Acetate	7.276	43	294907	97.703	ug/l	98
38) Carbon Tetrachloride	8.087	117	424225	99.075	ug/l	100
39) Methylcyclohexane	9.343	83	548695	104.193	ug/l	96
40) Benzene	8.337	78	1422633	99.306	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	166119	96.094	ug/l		98
42) 1,2-Dichloroethane	8.416	62	457918	96.165	ug/l		100
43) Isopropyl Acetate	8.441	43	542177	100.345	ug/l		99
44) Trichloroethene	9.105	130	336963	100.631	ug/l		87
45) 1,2-Dichloropropane	9.373	63	360778	97.236	ug/l		100
46) Dibromomethane	9.465	93	221052	96.902	ug/l		97
47) Bromodichloromethane	9.654	83	522751	100.472	ug/l		96
48) Methyl methacrylate	9.441	41	270335	106.349	ug/l		100
49) 1,4-Dioxane	9.465	88	63276	2071.095	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.215	43	1586527	495.237	ug/l		99
52) Toluene	10.392	92	904359	101.852	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	519907	109.064	ug/l		100
54) cis-1,3-Dichloropropene	10.081	75	576534	104.759	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	296466	95.211	ug/l		96
56) Ethyl methacrylate	10.648	69	445747	108.677	ug/l		98
57) 1,3-Dichloropropane	10.934	76	527430	98.049	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	1240539	550.975	ug/l		100
59) 2-Hexanone	10.971	43	1108386	506.646	ug/l		100
60) Dibromochloromethane	11.129	129	353508	103.376	ug/l		97
61) 1,2-Dibromoethane	11.239	107	289333	98.079	ug/l		98
64) Tetrachloroethene	10.867	164	260649	94.460	ug/l	#	89
65) Chlorobenzene	11.660	112	1003942	96.257	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	331436	100.481	ug/l		99
67) Ethyl Benzene	11.733	91	1744976	102.215	ug/l		95
68) m/p-Xylenes	11.836	106	1319678	201.657	ug/l		95
69) o-Xylene	12.166	106	640114	104.080	ug/l		99
70) Styrene	12.178	104	1107088	102.647	ug/l		99
71) Bromoform	12.349	173	193866	100.857	ug/l	#	96
73) Isopropylbenzene	12.464	105	1594475	101.576	ug/l		99
74) N-amyl acetate	12.269	43	489840	99.091	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	380449	92.439	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	284709m	80.269	ug/l		
77) Bromobenzene	12.745	156	377479	97.769	ug/l		93
78) n-propylbenzene	12.800	91	1997481	101.306	ug/l		99
79) 2-Chlorotoluene	12.891	91	1185558	99.258	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	1364777	101.693	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	125300	104.893	ug/l		97
82) 4-Chlorotoluene	12.989	91	1241413	98.344	ug/l		99
83) tert-Butylbenzene	13.202	119	1144817	101.999	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	1402022	102.892	ug/l		97
85) sec-Butylbenzene	13.379	105	1686020	100.034	ug/l		99
86) p-Isopropyltoluene	13.495	119	1405656	100.702	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	747138	97.831	ug/l		100
88) 1,4-Dichlorobenzene	13.574	146	735529	94.276	ug/l		94
89) n-Butylbenzene	13.818	91	1403783	100.210	ug/l		97
90) Hexachloroethane	14.092	117	261127	100.372	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	660780	92.492	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	66815	94.913	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	433343	102.243	ug/l		99
94) Hexachlorobutadiene	15.232	225	182643	93.830	ug/l		90
95) Naphthalene	15.360	128	1068790	105.067	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	397191	100.785	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

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

Quantitation Report (QT Reviewed)

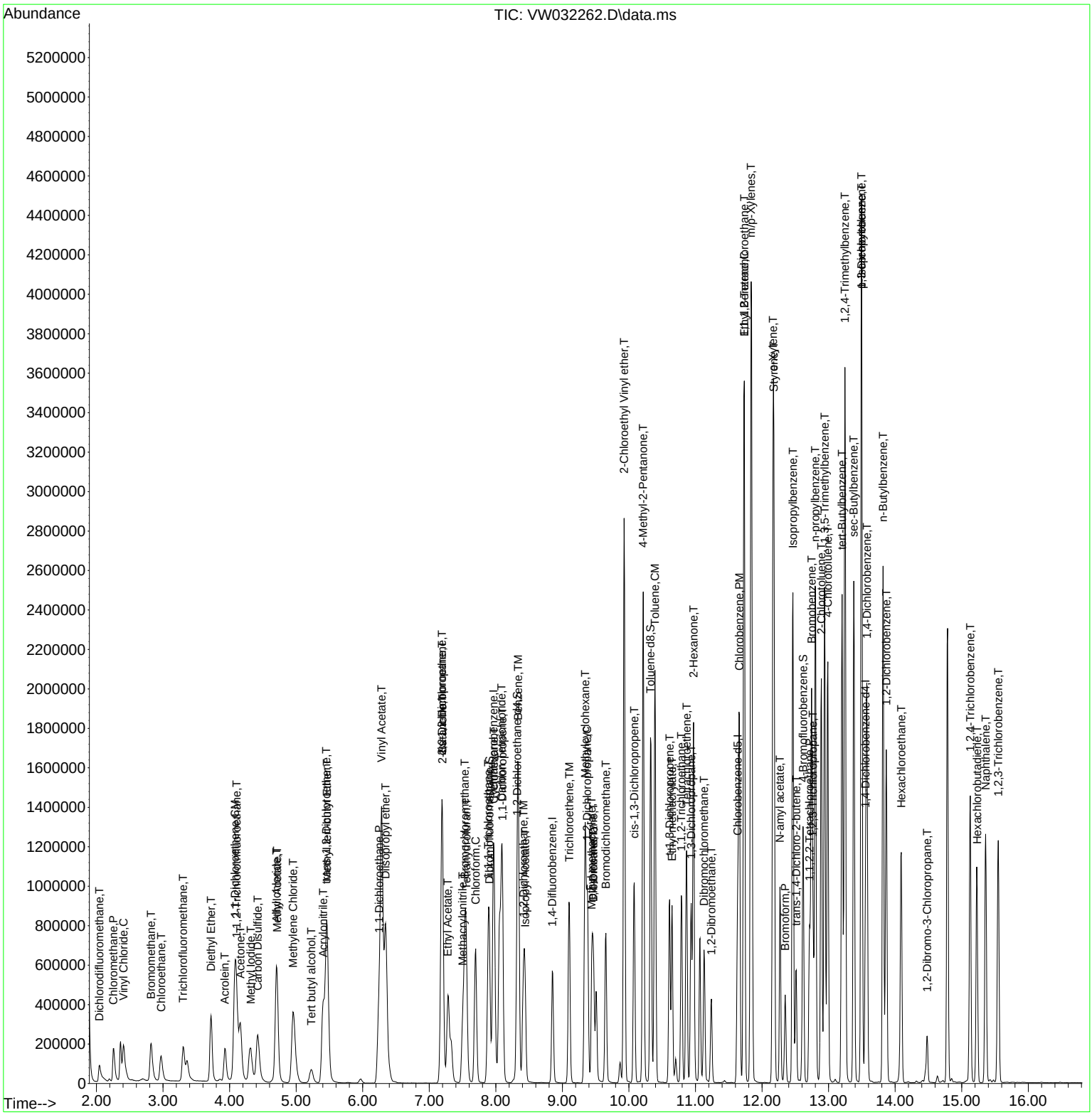
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 06:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	268103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	503264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	471325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	221054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	574246	135.650	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 271.300%#			
35) Dibromofluoromethane	7.898	113	501948	138.686	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 277.380%#			
50) Toluene-d8	10.331	98	1818751	139.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 278.860%#			
62) 4-Bromofluorobenzene	12.617	95	691432	140.528	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 281.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	240712	129.953	ug/l	98
3) Chloromethane	2.259	50	369476	139.381	ug/l	92
4) Vinyl Chloride	2.405	62	420083	135.631	ug/l	100
5) Bromomethane	2.814	94	302978	143.255	ug/l	96
6) Chloroethane	2.960	64	302351	144.062	ug/l	98
7) Trichlorofluoromethane	3.301	101	366348	156.982	ug/l	96
8) Diethyl Ether	3.722	74	309062	140.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	408786	137.233	ug/l	99
10) Methyl Iodide	4.307	142	583039	144.711	ug/l	99
11) Tert butyl alcohol	5.228	59	229035	779.425	ug/l	99
12) 1,1-Dichloroethene	4.082	96	454400	142.705	ug/l	97
13) Acrolein	3.929	56	358621	685.685	ug/l	95
14) Allyl chloride	4.704	41	741086	149.967	ug/l	99
15) Acrylonitrile	5.405	53	876508	771.249	ug/l	99
16) Acetone	4.161	43	725678	667.495	ug/l	100
17) Carbon Disulfide	4.423	76	1064701	145.428	ug/l	99
18) Methyl Acetate	4.710	43	657620	175.880	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	903547	153.083	ug/l	99
20) Methylene Chloride	4.954	84	535268	151.547	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	507076	147.681	ug/l	89
22) Diisopropyl ether	6.344	45	1632431	148.663	ug/l	98
23) Vinyl Acetate	6.283	43	5462201	773.228	ug/l	99
24) 1,1-Dichloroethane	6.246	63	1005238	145.019	ug/l	99
25) 2-Butanone	7.197	43	1188481	784.297	ug/l	98
26) 2,2-Dichloropropane	7.185	77	490986	143.738	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	634273	148.524	ug/l	100
28) Bromochloromethane	7.532	49	465294	140.671	ug/l #	100
29) Tetrahydrofuran	7.551	42	778509	791.357	ug/l	100
30) Chloroform	7.691	83	1027625	142.085	ug/l	99
31) Cyclohexane	7.971	56	750802	137.359	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	698636	143.387	ug/l	99
36) 1,1-Dichloropropene	8.093	75	688774	141.154	ug/l	99
37) Ethyl Acetate	7.276	43	484636	149.754	ug/l	99
38) Carbon Tetrachloride	8.081	117	648359	141.229	ug/l	95
39) Methylcyclohexane	9.343	83	851000	150.722	ug/l	95
40) Benzene	8.337	78	2170741	141.329	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 06:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	305799	164.987	ug/l		94
42) 1,2-Dichloroethane	8.410	62	709201	138.911	ug/l		100
43) Isopropyl Acetate	8.441	43	899258	155.231	ug/l		99
44) Trichloroethene	9.099	130	512412	142.728	ug/l		95
45) 1,2-Dichloropropane	9.374	63	561821	141.229	ug/l		99
46) Dibromomethane	9.465	93	342097	139.871	ug/l		99
47) Bromodichloromethane	9.654	83	816402	146.351	ug/l	#	99
48) Methyl methacrylate	9.441	41	447621	164.241	ug/l		97
49) 1,4-Dioxane	9.459	88	109095	3330.471	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.215	43	2581810	751.674	ug/l		99
52) Toluene	10.392	92	1383297	145.306	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	825886	161.590	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	922892	156.407	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	479692	143.686	ug/l		99
56) Ethyl methacrylate	10.648	69	724292	164.704	ug/l		98
57) 1,3-Dichloropropane	10.934	76	826934	143.381	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	1967595	815.074	ug/l		100
59) 2-Hexanone	10.971	43	1834008	781.907	ug/l		99
60) Dibromochloromethane	11.135	129	549090	149.762	ug/l		100
61) 1,2-Dibromoethane	11.239	107	467063	147.671	ug/l		100
64) Tetrachloroethene	10.867	164	407222	141.775	ug/l		91
65) Chlorobenzene	11.660	112	1542105	142.042	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.733	131	511003	148.829	ug/l		99
67) Ethyl Benzene	11.727	91	2698460	151.851	ug/l		96
68) m/p-Xylenes	11.837	106	2029004	297.855	ug/l		95
69) o-Xylene	12.166	106	980912	153.220	ug/l		100
70) Styrene	12.178	104	1702538	151.648	ug/l		99
71) Bromoform	12.349	173	315558	157.711	ug/l	#	99
73) Isopropylbenzene	12.464	105	2480347	161.210	ug/l		100
74) N-amyl acetate	12.269	43	797679	164.633	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	598288	148.312	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	444249m	127.785	ug/l		
77) Bromobenzene	12.745	156	576269	152.279	ug/l		89
78) n-propylbenzene	12.800	91	2972678	153.818	ug/l		99
79) 2-Chlorotoluene	12.891	91	1806322	154.293	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	2066765	157.118	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	209132	178.617	ug/l		95
82) 4-Chlorotoluene	12.989	91	1903051	153.811	ug/l		98
83) tert-Butylbenzene	13.202	119	1773318	161.195	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	2079611	155.710	ug/l		100
85) sec-Butylbenzene	13.379	105	2618834	158.526	ug/l		99
86) p-Isopropyltoluene	13.495	119	2117769	154.791	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	1141699	152.522	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	1117378	146.119	ug/l		94
89) n-Butylbenzene	13.818	91	2173243	158.280	ug/l		99
90) Hexachloroethane	14.092	117	403116	158.088	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	1010379	144.291	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	109812	159.151	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	686602	165.278	ug/l		94
94) Hexachlorobutadiene	15.226	225	279873	146.692	ug/l		94
95) Naphthalene	15.360	128	1767143	177.236	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	631845	163.575	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 06:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

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

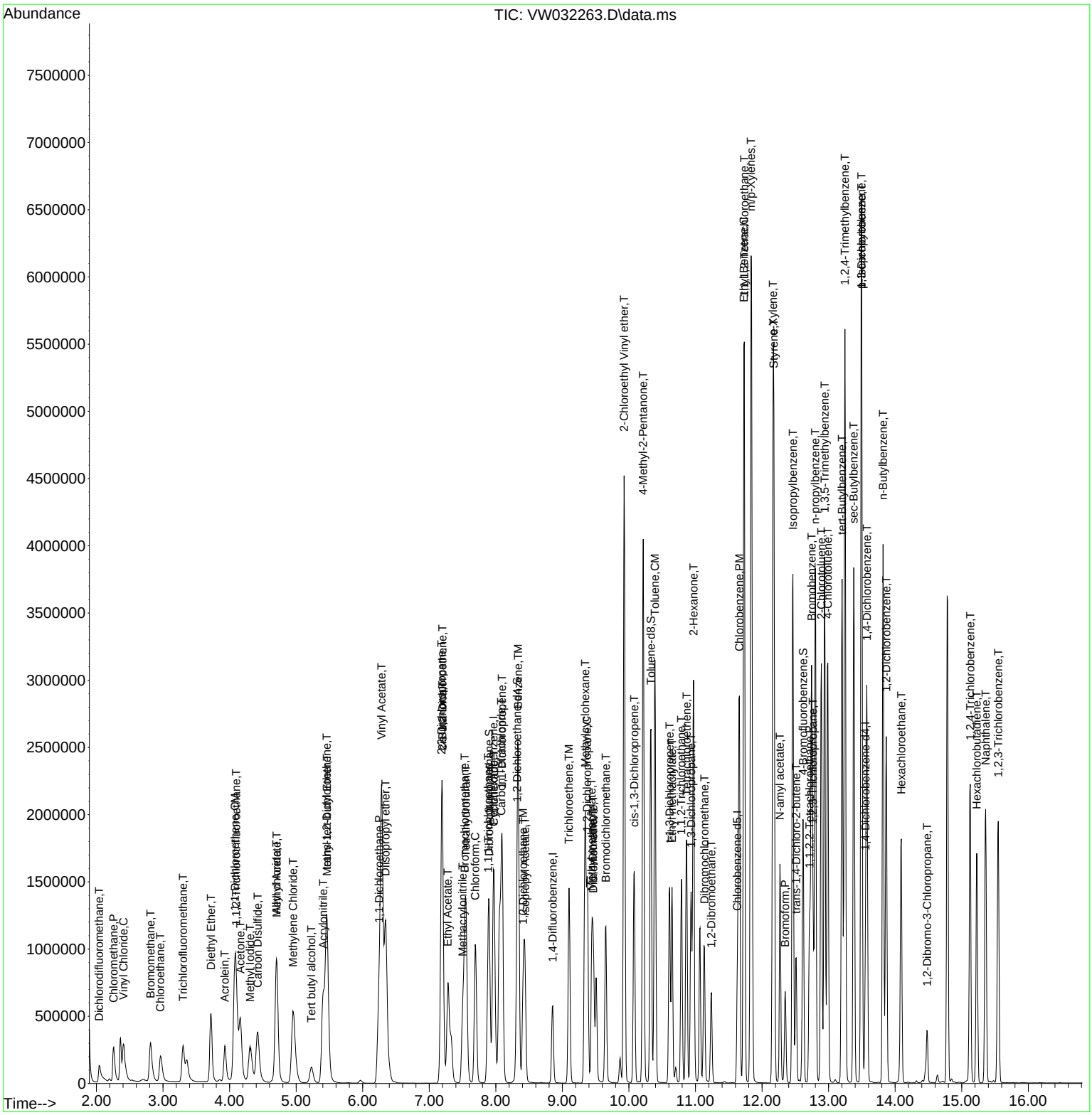
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 06:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	275381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	493743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	451873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	192251	44.214	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 88.420%			
35) Dibromofluoromethane	7.898	113	160415	45.177	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 90.360%			
50) Toluene-d8	10.324	98	599404	46.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 93.680%			
62) 4-Bromofluorobenzene	12.617	95	224886	46.588	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 93.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	77331	40.645	ug/l	97
3) Chloromethane	2.253	50	115143	42.288	ug/l	93
4) Vinyl Chloride	2.405	62	142880	44.912	ug/l	99
5) Bromomethane	2.820	94	99519	45.811	ug/l	94
6) Chloroethane	2.972	64	98382	45.637	ug/l	98
7) Trichlorofluoromethane	3.301	101	101896	42.509	ug/l	100
8) Diethyl Ether	3.716	74	98989	43.674	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	138798	45.364	ug/l	98
10) Methyl Iodide	4.313	142	192131	46.427	ug/l	97
11) Tert butyl alcohol	5.216	59	70266	232.801	ug/l	99
12) 1,1-Dichloroethene	4.082	96	147736	45.171	ug/l	96
13) Acrolein	3.929	56	118579	220.732	ug/l	94
14) Allyl chloride	4.703	41	238823	47.051	ug/l	99
15) Acrylonitrile	5.398	53	268385	229.914	ug/l	100
16) Acetone	4.161	43	275365	246.593	ug/l	99
17) Carbon Disulfide	4.417	76	341149	45.366	ug/l	99
18) Methyl Acetate	4.703	43	197694	51.476	ug/l	98
19) Methyl tert-butyl Ether	5.459	73	303552	50.070	ug/l	98
20) Methylene Chloride	4.947	84	175238	42.256	ug/l	98
21) trans-1,2-Dichloroethene	5.453	96	162872	46.181	ug/l	91
22) Diisopropyl ether	6.343	45	540578	47.929	ug/l	97
23) Vinyl Acetate	6.282	43	1729901	238.412	ug/l	99
24) 1,1-Dichloroethane	6.240	63	327611	46.013	ug/l	99
25) 2-Butanone	7.191	43	380974	244.766	ug/l	96
26) 2,2-Dichloropropane	7.191	77	165803	47.257	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	203186	46.321	ug/l	98
28) Bromochloromethane	7.532	49	157473	46.350	ug/l #	98
29) Tetrahydrofuran	7.551	42	235105	232.669	ug/l	99
30) Chloroform	7.691	83	338340	45.544	ug/l	96
31) Cyclohexane	7.971	56	242682	43.225	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	230793	46.116	ug/l	99
36) 1,1-Dichloropropene	8.093	75	227191	47.457	ug/l	100
37) Ethyl Acetate	7.270	43	148163	46.666	ug/l	99
38) Carbon Tetrachloride	8.081	117	211869	47.040	ug/l	98
39) Methylcyclohexane	9.343	83	268585	48.487	ug/l	96
40) Benzene	8.331	78	707587	46.957	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.496	41	88790	48.829 ug/l	96
42) 1,2-Dichloroethane	8.410	62	234326	46.783 ug/l	99
43) Isopropyl Acetate	8.435	43	277465	48.820 ug/l	99
44) Trichloroethene	9.099	130	165536	46.998 ug/l	88
45) 1,2-Dichloropropane	9.373	63	179584	46.014 ug/l	99
46) Dibromomethane	9.465	93	111930	46.647 ug/l	98
47) Bromodichloromethane	9.648	83	254445	46.492 ug/l	100
48) Methyl methacrylate	9.440	41	134674	50.368 ug/l	98
49) 1,4-Dioxane	9.459	88	31181	970.255 ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	818368	242.856 ug/l	99
52) Toluene	10.391	92	453815	48.589 ug/l	97
53) t-1,3-Dichloropropene	10.605	75	251526	50.162 ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	282634	48.823 ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	150225	45.866 ug/l	97
56) Ethyl methacrylate	10.648	69	217909	50.508 ug/l	98
57) 1,3-Dichloropropane	10.934	76	267442	47.265 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	630192	266.090 ug/l	99
59) 2-Hexanone	10.971	43	580772	252.380 ug/l	99
60) Dibromochloromethane	11.129	129	168649	46.885 ug/l	97
61) 1,2-Dibromoethane	11.233	107	146339	47.160 ug/l	96
64) Tetrachloroethene	10.867	164	135242	49.112 ug/l	95
65) Chlorobenzene	11.660	112	499921	48.030 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	163293	49.606 ug/l	97
67) Ethyl Benzene	11.733	91	856675	50.283 ug/l	100
68) m/p-Xylenes	11.836	106	661932	101.354 ug/l	94
69) o-Xylene	12.166	106	311812	50.802 ug/l	99
70) Styrene	12.178	104	561475	52.165 ug/l	99
71) Bromoform	12.348	173	92649	48.298 ug/l #	96
73) Isopropylbenzene	12.464	105	813069	52.514 ug/l	98
74) N-amyl acetate	12.269	43	250576	51.392 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	198553	48.912 ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	146151m	47.756 ug/l	
77) Bromobenzene	12.745	156	187660	49.278 ug/l	91
78) n-propylbenzene	12.800	91	1000306	51.435 ug/l	99
79) 2-Chlorotoluene	12.891	91	602382	51.132 ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	673147	50.853 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	60514	51.360 ug/l	99
82) 4-Chlorotoluene	12.982	91	637484	51.201 ug/l	99
83) tert-Butylbenzene	13.196	119	576966	52.118 ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	689694	51.317 ug/l	99
85) sec-Butylbenzene	13.379	105	883354	53.137 ug/l	99
86) p-Isopropyltoluene	13.495	119	738513	53.640 ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	369709	49.081 ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	385587	50.107 ug/l	94
89) n-Butylbenzene	13.818	91	717557	51.933 ug/l	98
90) Hexachloroethane	14.092	117	127284	49.603 ug/l	100
91) 1,2-Dichlorobenzene	13.866	146	338162	47.990 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	33822	48.711 ug/l	96
93) 1,2,4-Trichlorobenzene	15.128	180	208974	49.989 ug/l	99
94) Hexachlorobutadiene	15.226	225	92899	48.387 ug/l	87
95) Naphthalene	15.360	128	524950	52.320 ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	198272	51.008 ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

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

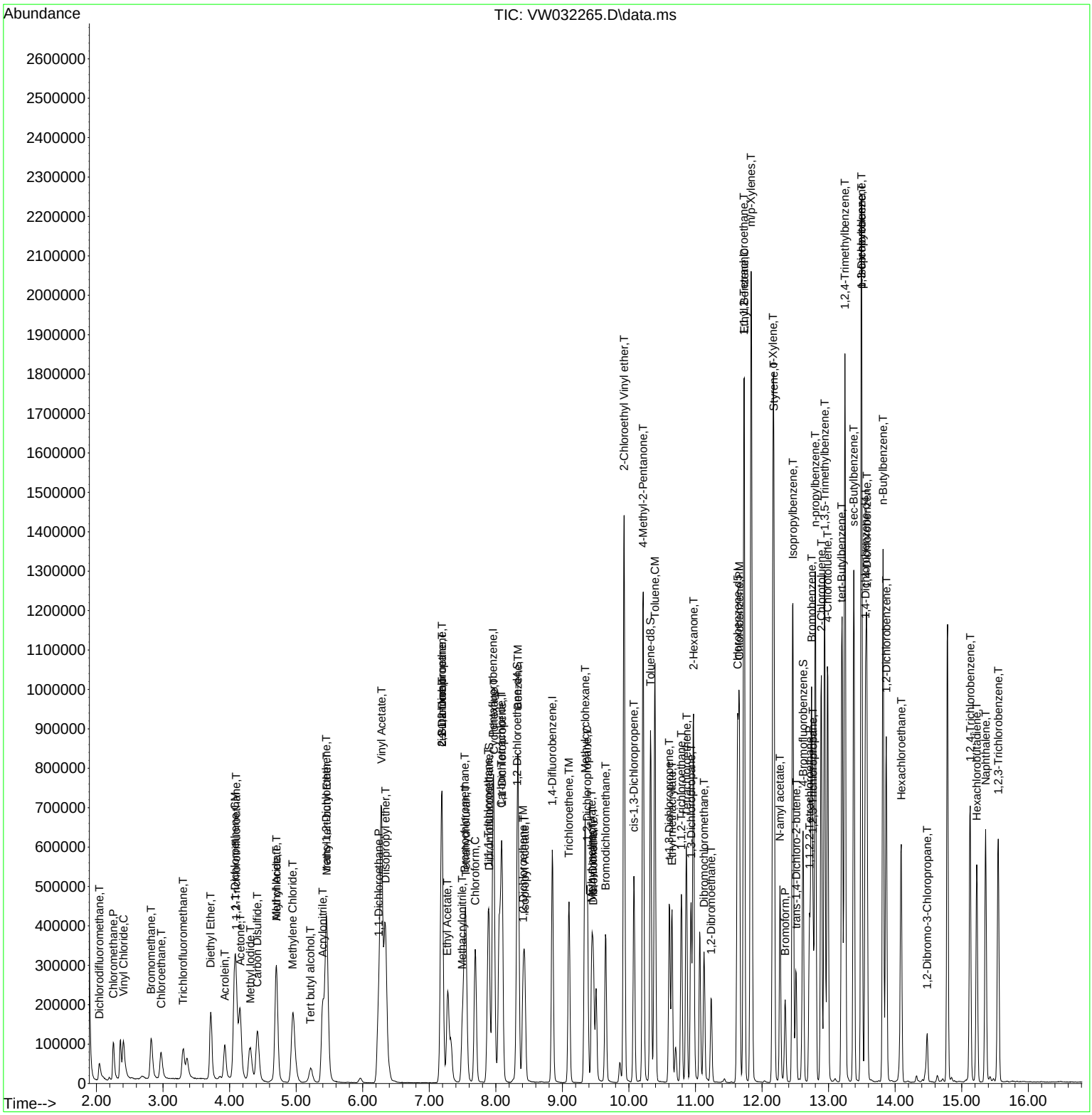
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	0.345	0.281	18.6	99	0.00
3	P	Chloromethane	0.494	0.418	15.4	103	0.00
4	C	Vinyl Chloride	0.578	0.519	10.2#	101	0.00
5	T	Bromomethane	0.394	0.361	8.4	103	0.00
6	T	Chloroethane	0.391	0.357	8.7	104	0.00
7	T	Trichlorofluoromethane	0.435	0.370	14.9	101	0.00
8	T	Diethyl Ether	0.412	0.359	12.9	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.556	0.504	9.4	100	0.00
10	T	Methyl Iodide	0.751	0.698	7.1	103	0.01
11	T	Tert butyl alcohol	0.055	0.051	7.3	117	0.00
12	CM	1,1-Dichloroethene	0.594	0.536	9.8#	102	0.00
13	T	Acrolein	0.098	0.086	12.2	100	0.00
14	T	Allyl chloride	0.922	0.867	6.0	103	0.00
15	T	Acrylonitrile	0.212	0.195	8.0	108	0.00
16	T	Acetone	0.203	0.200	1.5	128	0.00
17	T	Carbon Disulfide	1.365	1.239	9.2	103	0.00
18	T	Methyl Acetate	0.697	0.718	-3.0	102	0.00
19	T	Methyl tert-butyl Ether	1.101	1.102	-0.1	108	0.00
20	T	Methylene Chloride	0.991	0.636	35.8#	89	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.591	7.7	102	0.00
22	T	Diisopropyl ether	2.048	1.963	4.2	102	0.00
23	T	Vinyl Acetate	1.317	1.256	4.6	108	0.00
24	P	1,1-Dichloroethane	1.293	1.190	8.0	101	0.00
25	T	2-Butanone	0.283	0.277	2.1	115	0.00
26	T	2,2-Dichloropropane	0.637	0.602	5.5	105	0.00
27	T	cis-1,2-Dichloroethene	0.796	0.738	7.3	101	0.00
28	T	Bromochloromethane	0.617	0.572	7.3	101	0.00
29	T	Tetrahydrofuran	0.183	0.171	6.6	108	0.00
30	C	Chloroform	1.349	1.229	8.9#	100	0.00
31	T	Cyclohexane	1.019	0.881	13.5	101	0.00
32	T	1,1,1-Trichloroethane	0.909	0.838	7.8	100	0.00
33	S	1,2-Dichloroethane-d4	0.789	0.698	11.5	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35	S	Dibromofluoromethane	0.360	0.325	9.7	100	0.00
36	T	1,1-Dichloropropene	0.485	0.460	5.2	102	0.00
37	T	Ethyl Acetate	0.322	0.300	6.8	107	0.00
38	T	Carbon Tetrachloride	0.456	0.429	5.9	103	0.00
39	T	Methylcyclohexane	0.561	0.544	3.0	102	0.00
40	TM	Benzene	1.526	1.433	6.1	101	0.00
41	T	Methacrylonitrile	0.184	0.180	2.2	109	0.00
42	TM	1,2-Dichloroethane	0.507	0.475	6.3	105	0.00
43	T	Isopropyl Acetate	0.576	0.562	2.4	110	0.00
44	TM	Trichloroethene	0.357	0.335	6.2	104	0.00
45	C	1,2-Dichloropropane	0.395	0.364	7.8#	99	0.00
46	T	Dibromomethane	0.243	0.227	6.6	103	0.00
47	T	Bromodichloromethane	0.554	0.515	7.0	99	0.00
48	T	Methyl methacrylate	0.271	0.273	-0.7	109	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	104	0.00
50	S	Toluene-d8	1.296	1.214	6.3	104	0.00
51	T	4-Methyl-2-Pentanone	0.341	0.331	2.9	109	0.00
52	CM	Toluene	0.946	0.919	2.9#	105	0.00
53	T	t-1,3-Dichloropropene	0.508	0.509	-0.2	107	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.572	2.4	104	0.00
55	T	1,1,2-Trichloroethane	0.332	0.304	8.4	103	0.00
56	T	Ethyl methacrylate	0.437	0.441	-0.9	108	0.00
57	T	1,3-Dichloropropane	0.573	0.542	5.4	102	0.00
58	T	2-Chloroethyl Vinyl ether	0.240	0.255	-6.3	108	0.00
59	T	2-Hexanone	0.233	0.235	-0.9	112	0.00
60	T	Dibromochloromethane	0.364	0.342	6.0	99	0.00
61	T	1,2-Dibromoethane	0.314	0.296	5.7	103	0.00
62	S	4-Bromofluorobenzene	0.489	0.455	7.0	101	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.305	0.299	2.0	101	0.00
65	PM	Chlorobenzene	1.152	1.106	4.0	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.364	0.361	0.8	102	0.00
67	C	Ethyl Benzene	1.885	1.896	-0.6#	103	0.00
68	T	m/p-Xylenes	0.723	0.732	-1.2	104	0.00
69	T	o-Xylene	0.679	0.690	-1.6	100	0.00
70	T	Styrene	1.191	1.243	-4.4	102	0.00
71	P	Bromoform	0.212	0.205	3.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	3.480	3.655	-5.0	103	0.00
74	T	N-amyl acetate	1.096	1.126	-2.7	108	0.00
75	P	1,1,2,2-Tetrachloroethane	0.912	0.893	2.1	105	0.00
76	T	1,2,3-Trichloropropane	0.688	0.657	4.5	103	0.00
77	T	Bromobenzene	0.856	0.844	1.4	96	0.00
78	T	n-propylbenzene	4.371	4.497	-2.9	100	0.00
79	T	2-Chlorotoluene	2.648	2.708	-2.3	102	0.00
80	T	1,3,5-Trimethylbenzene	2.975	3.026	-1.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.265	0.272	-2.6	105	0.00
82	T	4-Chlorotoluene	2.799	2.866	-2.4	102	0.00
83	T	tert-Butylbenzene	2.488	2.594	-4.3	103	0.00
84	T	1,2,4-Trimethylbenzene	3.021	3.100	-2.6	101	0.00
85	T	sec-Butylbenzene	3.737	3.971	-6.3	104	0.00
86	T	p-Isopropyltoluene	3.095	3.320	-7.3	102	0.00
87	T	1,3-Dichlorobenzene	1.693	1.662	1.8	100	0.00
88	T	1,4-Dichlorobenzene	1.730	1.733	-0.2	108	0.00
89	T	n-Butylbenzene	3.106	3.226	-3.9	102	0.00
90	T	Hexachloroethane	0.577	0.572	0.9	104	0.00
91	T	1,2-Dichlorobenzene	1.584	1.520	4.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.156	0.152	2.6	110	0.00
93	T	1,2,4-Trichlorobenzene	0.940	0.939	0.1	102	0.00
94	T	Hexachlorobutadiene	0.432	0.418	3.2	111	0.00
95	T	Naphthalene	2.255	2.360	-4.7	106	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.891	-1.9	104	0.00

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

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	40.645	18.7	99	0.00
3	P	Chloromethane	50.000	42.288	15.4	103	0.00
4	C	Vinyl Chloride	50.000	44.912	10.2#	101	0.00
5	T	Bromomethane	50.000	45.811	8.4	103	0.00
6	T	Chloroethane	50.000	45.637	8.7	104	0.00
7	T	Trichlorofluoromethane	50.000	42.509	15.0	101	0.00
8	T	Diethyl Ether	50.000	43.674	12.7	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.364	9.3	100	0.00
10	T	Methyl Iodide	50.000	46.427	7.1	103	0.01
11	T	Tert butyl alcohol	250.000	232.801	6.9	117	0.00
12	CM	1,1-Dichloroethene	50.000	45.171	9.7#	102	0.00
13	T	Acrolein	250.000	220.732	11.7	100	0.00
14	T	Allyl chloride	50.000	47.051	5.9	103	0.00
15	T	Acrylonitrile	250.000	229.914	8.0	108	0.00
16	T	Acetone	250.000	246.593	1.4	128	0.00
17	T	Carbon Disulfide	50.000	45.366	9.3	103	0.00
18	T	Methyl Acetate	50.000	51.476	-3.0	102	0.00
19	T	Methyl tert-butyl Ether	50.000	50.070	-0.1	108	0.00
20	T	Methylene Chloride	50.000	42.256	15.5	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.181	7.6	102	0.00
22	T	Diisopropyl ether	50.000	47.929	4.1	102	0.00
23	T	Vinyl Acetate	250.000	238.412	4.6	108	0.00
24	P	1,1-Dichloroethane	50.000	46.013	8.0	101	0.00
25	T	2-Butanone	250.000	244.766	2.1	115	0.00
26	T	2,2-Dichloropropane	50.000	47.257	5.5	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.321	7.4	101	0.00
28	T	Bromochloromethane	50.000	46.350	7.3	101	0.00
29	T	Tetrahydrofuran	250.000	232.669	6.9	108	0.00
30	C	Chloroform	50.000	45.544	8.9#	100	0.00
31	T	Cyclohexane	50.000	43.225	13.5	101	0.00
32	T	1,1,1-Trichloroethane	50.000	46.116	7.8	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.214	11.6	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	45.177	9.6	100	0.00
36	T	1,1-Dichloropropene	50.000	47.457	5.1	102	0.00
37	T	Ethyl Acetate	50.000	46.666	6.7	107	0.00
38	T	Carbon Tetrachloride	50.000	47.040	5.9	103	0.00
39	T	Methylcyclohexane	50.000	48.487	3.0	102	0.00
40	TM	Benzene	50.000	46.957	6.1	101	0.00
41	T	Methacrylonitrile	50.000	48.829	2.3	109	0.00
42	TM	1,2-Dichloroethane	50.000	46.783	6.4	105	0.00
43	T	Isopropyl Acetate	50.000	48.820	2.4	110	0.00
44	TM	Trichloroethene	50.000	46.998	6.0	104	0.00
45	C	1,2-Dichloropropane	50.000	46.014	8.0#	99	0.00
46	T	Dibromomethane	50.000	46.647	6.7	103	0.00
47	T	Bromodichloromethane	50.000	46.492	7.0	99	0.00
48	T	Methyl methacrylate	50.000	50.368	-0.7	109	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	970.255	3.0	104	0.00
50	S	Toluene-d8	50.000	46.839	6.3	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.856	2.9	109	0.00
52	CM	Toluene	50.000	48.589	2.8#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	50.162	-0.3	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.823	2.4	104	0.00
55	T	1,1,2-Trichloroethane	50.000	45.866	8.3	103	0.00
56	T	Ethyl methacrylate	50.000	50.508	-1.0	108	0.00
57	T	1,3-Dichloropropane	50.000	47.265	5.5	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.090	-6.4	108	0.00
59	T	2-Hexanone	250.000	252.380	-1.0	112	0.00
60	T	Dibromochloromethane	50.000	46.885	6.2	99	0.00
61	T	1,2-Dibromoethane	50.000	47.160	5.7	103	0.00
62	S	4-Bromofluorobenzene	50.000	46.588	6.8	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	49.112	1.8	101	0.00
65	PM	Chlorobenzene	50.000	48.030	3.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.606	0.8	102	0.00
67	C	Ethyl Benzene	50.000	50.283	-0.6#	103	0.00
68	T	m/p-Xylenes	100.000	101.354	-1.4	104	0.00
69	T	o-Xylene	50.000	50.802	-1.6	100	0.00
70	T	Styrene	50.000	52.165	-4.3	102	0.00
71	P	Bromoform	50.000	48.298	3.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	52.514	-5.0	103	0.00
74	T	N-amyl acetate	50.000	51.392	-2.8	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.912	2.2	105	0.00
76	T	1,2,3-Trichloropropane	50.000	47.756	4.5	103	0.00
77	T	Bromobenzene	50.000	49.278	1.4	96	0.00
78	T	n-propylbenzene	50.000	51.435	-2.9	100	0.00
79	T	2-Chlorotoluene	50.000	51.132	-2.3	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.853	-1.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.360	-2.7	105	0.00
82	T	4-Chlorotoluene	50.000	51.201	-2.4	102	0.00
83	T	tert-Butylbenzene	50.000	52.118	-4.2	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.317	-2.6	101	0.00
85	T	sec-Butylbenzene	50.000	53.137	-6.3	104	0.00
86	T	p-Isopropyltoluene	50.000	53.640	-7.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.081	1.8	100	0.00
88	T	1,4-Dichlorobenzene	50.000	50.107	-0.2	108	0.00
89	T	n-Butylbenzene	50.000	51.933	-3.9	102	0.00
90	T	Hexachloroethane	50.000	49.603	0.8	104	0.00
91	T	1,2-Dichlorobenzene	50.000	47.990	4.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.711	2.6	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.989	0.0	102	0.00
94	T	Hexachlorobutadiene	50.000	48.387	3.2	111	0.00
95	T	Naphthalene	50.000	52.320	-4.6	106	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	51.008	-2.0	104	0.00

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG No.: Q3150

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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCAL01

Lab Code: ACE SDG No.: Q3150

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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: SCAL01
Lab Code: ACE
SDG No.: Q3150
Instrument ID: MSVOA_W
Calibration Date/Time: 09/19/2025 09:38
Lab File ID: VW032204.D
Init. Calib. Date(s): 08/26/2025 08/26/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:39 12:34
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.330	0.317		-3.94	20
Chloromethane	0.346	0.363	0.1	4.91	20
Vinyl Chloride	0.450	0.498		10.67	20
Bromomethane	0.401	0.412		2.74	20
Chloroethane	0.317	0.354		11.67	20
Trichlorofluoromethane	0.445	0.461		3.6	20
1,1,2-Trichlorotrifluoroethane	0.502	0.563		12.15	20
1,1-Dichloroethene	0.528	0.589		11.55	20
Acetone	0.155	0.172		10.97	20
Carbon Disulfide	1.322	1.236		-6.51	20
Methyl tert-butyl Ether	0.998	1.016		1.8	20
Methyl Acetate	0.493	0.592		20.08	20
Methylene Chloride	0.725	0.613		-15.45	20
trans-1,2-Dichloroethene	0.590	0.586		-0.68	20
1,1-Dichloroethane	1.070	1.083	0.1	1.22	20
Cyclohexane	0.878	0.820		-6.61	20
2-Butanone	0.219	0.229		4.57	20
Carbon Tetrachloride	0.488	0.499		2.25	20
cis-1,2-Dichloroethene	0.718	0.725		0.98	20
Bromochloromethane	0.490	0.510		4.08	20
Chloroform	1.221	1.247		2.13	20
1,1,1-Trichloroethane	0.891	0.911		2.24	20
Methylcyclohexane	0.539	0.531		-1.48	20
Benzene	1.406	1.384		-1.57	20
1,2-Dichloroethane	0.487	0.492		1.03	20
Trichloroethene	0.354	0.347		-1.98	20
1,2-Dichloropropane	0.339	0.342		0.88	20
Bromodichloromethane	0.540	0.549		1.67	20
4-Methyl-2-Pentanone	0.289	0.304		5.19	20
Toluene	0.919	0.917		-0.22	20
t-1,3-Dichloropropene	0.477	0.496		3.98	20
cis-1,3-Dichloropropene	0.544	0.543		-0.18	20
1,1,2-Trichloroethane	0.309	0.310		0.32	20
2-Hexanone	0.201	0.216		7.46	20
Dibromochloromethane	0.374	0.372		-0.54	20
1,2-Dibromoethane	0.304	0.302		-0.66	20
Tetrachloroethene	0.329	0.308		-6.38	20
Chlorobenzene	1.138	1.112	0.3	-2.29	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG No.: Q3150

Instrument ID: MSVOA_W | Calibration Date/Time: 09/19/2025 09:38

Lab File ID: VW032204.D | Init. Calib. Date(s): 08/26/2025 08/26/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:39 12:34

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	1.878		0.7	20
m/p-Xylenes	0.718	0.729		1.53	20
o-Xylene	0.679	0.677		-0.29	20
Styrene	1.197	1.228		2.59	20
Bromoform	0.223	0.223	0.1	0	20
Isopropylbenzene	3.397	3.509		3.3	20
1,1,2,2-Tetrachloroethane	0.807	0.831	0.3	2.97	20
1,3-Dichlorobenzene	1.744	1.713		-1.78	20
1,4-Dichlorobenzene	1.748	1.724		-1.37	20
1,2-Dichlorobenzene	1.544	1.592		3.11	20
1,2-Dibromo-3-Chloropropane	0.143	0.142		-0.7	20
1,2,4-Trichlorobenzene	0.987	0.925		-6.28	20
1,2,3-Trichlorobenzene	0.918	0.833		-9.26	20
1,2-Dichloroethane-d4	0.715	0.725		1.4	20
Dibromofluoromethane	0.351	0.334		-4.84	20
Toluene-d8	1.231	1.189		-3.41	20
4-Bromofluorobenzene	0.455	0.445		-2.2	20

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

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

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

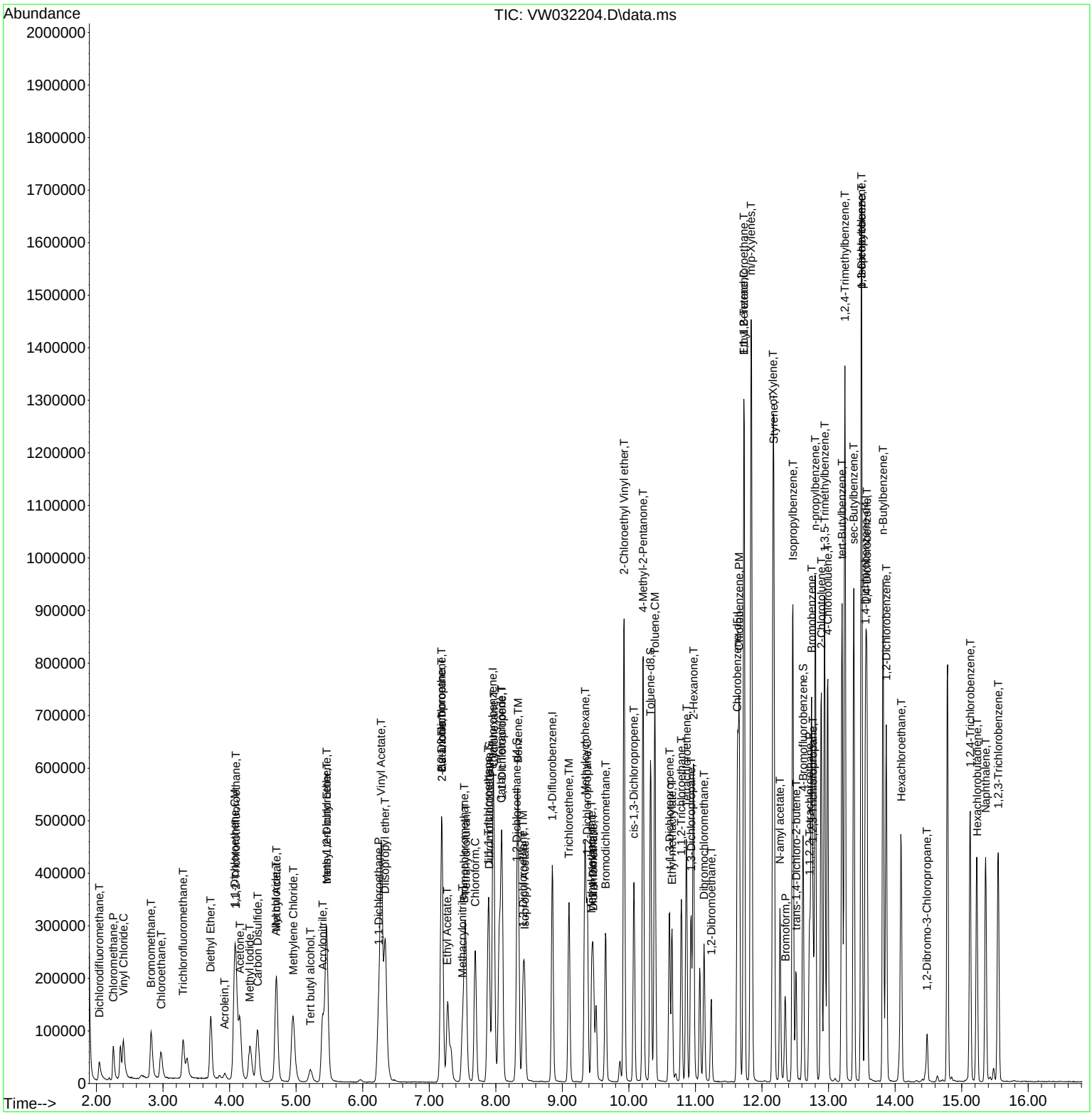
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032204.D
Acq On : 19 Sep 2025 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

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

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

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

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	90	0.00
50	S	Toluene-d8	1.231	1.189	3.4	90	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.304	-5.2	96	0.00
52	CM	Toluene	0.919	0.917	0.2#	91	0.00
53	T	t-1,3-Dichloropropene	0.477	0.496	-4.0	92	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.543	0.2	89	0.00
55	T	1,1,2-Trichloroethane	0.309	0.310	-0.3	96	0.00
56	T	Ethyl methacrylate	0.395	0.399	-1.0	88	0.00
57	T	1,3-Dichloropropane	0.518	0.521	-0.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.218	-3.3	98	0.00
59	T	2-Hexanone	0.201	0.216	-7.5	97	0.00
60	T	Dibromochloromethane	0.374	0.372	0.5	90	0.00
61	T	1,2-Dibromoethane	0.304	0.302	0.7	91	0.00
62	S	4-Bromofluorobenzene	0.455	0.445	2.2	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64	T	Tetrachloroethene	0.329	0.308	6.4	85	0.00
65	PM	Chlorobenzene	1.138	1.112	2.3	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.375	0.387	-3.2	94	0.00
67	C	Ethyl Benzene	1.865	1.878	-0.7#	91	0.00
68	T	m/p-Xylenes	0.718	0.729	-1.5	89	0.00
69	T	o-Xylene	0.679	0.677	0.3	88	0.00
70	T	Styrene	1.197	1.228	-2.6	91	0.00
71	P	Bromoform	0.223	0.223	0.0	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.397	3.509	-3.3	91	0.00
74	T	N-amyl acetate	0.986	0.999	-1.3	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.807	0.831	-3.0	96	0.00
76	T	1,2,3-Trichloropropane	0.626	0.608	2.9	94	0.00
77	T	Bromobenzene	0.866	0.847	2.2	88	0.00
78	T	n-propylbenzene	4.124	4.375	-6.1	94	0.00
79	T	2-Chlorotoluene	2.522	2.569	-1.9	91	0.00
80	T	1,3,5-Trimethylbenzene	2.876	3.020	-5.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.252	-8.2	95	0.00
82	T	4-Chlorotoluene	2.699	2.714	-0.6	89	0.00
83	T	tert-Butylbenzene	2.439	2.577	-5.7	89	0.00
84	T	1,2,4-Trimethylbenzene	2.975	2.994	-0.6	87	0.00
85	T	sec-Butylbenzene	3.641	3.739	-2.7	89	0.00
86	T	p-Isopropyltoluene	3.096	3.176	-2.6	88	0.00
87	T	1,3-Dichlorobenzene	1.744	1.713	1.8	88	0.00
88	T	1,4-Dichlorobenzene	1.748	1.724	1.4	92	0.00
89	T	n-Butylbenzene	2.952	3.080	-4.3	90	0.00
90	T	Hexachloroethane	0.566	0.587	-3.7	94	0.00
91	T	1,2-Dichlorobenzene	1.544	1.592	-3.1	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.143	0.142	0.7	95	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.925	6.3	83	0.00
94	T	Hexachlorobutadiene	0.489	0.459	6.1	81	0.00
95	T	Naphthalene	2.233	2.242	-0.4	89	0.00

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

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

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.833	9.3	84	0.00

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

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

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

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

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

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

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

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	976.810	2.3	90	0.00
50	S	Toluene-d8	50.000	48.291	3.4	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.826	-5.1	96	0.00
52	CM	Toluene	50.000	49.929	0.1#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.063	-4.1	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.954	0.1	89	0.00
55	T	1,1,2-Trichloroethane	50.000	50.216	-0.4	96	0.00
56	T	Ethyl methacrylate	50.000	50.516	-1.0	88	0.00
57	T	1,3-Dichloropropane	50.000	50.317	-0.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.375	-3.4	98	0.00
59	T	2-Hexanone	250.000	268.646	-7.5	97	0.00
60	T	Dibromochloromethane	50.000	49.751	0.5	90	0.00
61	T	1,2-Dibromoethane	50.000	49.669	0.7	91	0.00
62	S	4-Bromofluorobenzene	50.000	48.900	2.2	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	46.751	6.5	85	0.00
65	PM	Chlorobenzene	50.000	48.874	2.3	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.611	-3.2	94	0.00
67	C	Ethyl Benzene	50.000	50.365	-0.7#	91	0.00
68	T	m/p-Xylenes	100.000	101.535	-1.5	89	0.00
69	T	o-Xylene	50.000	49.884	0.2	88	0.00
70	T	Styrene	50.000	51.305	-2.6	91	0.00
71	P	Bromoform	50.000	50.182	-0.4	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	51.658	-3.3	91	0.00
74	T	N-amyl acetate	50.000	50.671	-1.3	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.459	-2.9	96	0.00
76	T	1,2,3-Trichloropropane	50.000	48.527	2.9	94	0.00
77	T	Bromobenzene	50.000	48.903	2.2	88	0.00
78	T	n-propylbenzene	50.000	53.049	-6.1	94	0.00
79	T	2-Chlorotoluene	50.000	50.940	-1.9	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.508	-5.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.171	-8.3	95	0.00
82	T	4-Chlorotoluene	50.000	50.265	-0.5	89	0.00
83	T	tert-Butylbenzene	50.000	52.836	-5.7	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.307	-0.6	87	0.00
85	T	sec-Butylbenzene	50.000	51.352	-2.7	89	0.00
86	T	p-Isopropyltoluene	50.000	51.290	-2.6	88	0.00
87	T	1,3-Dichlorobenzene	50.000	49.095	1.8	88	0.00
88	T	1,4-Dichlorobenzene	50.000	49.295	1.4	92	0.00
89	T	n-Butylbenzene	50.000	52.169	-4.3	90	0.00
90	T	Hexachloroethane	50.000	51.796	-3.6	94	0.00
91	T	1,2-Dichlorobenzene	50.000	51.559	-3.1	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.715	0.6	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.877	6.2	83	0.00
94	T	Hexachlorobutadiene	50.000	46.912	6.2	81	0.00
95	T	Naphthalene	50.000	50.203	-0.4	89	0.00

Evaluate Continuing Calibration Report

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

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

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

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.389	9.2	84	0.00

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: SCAL01
Lab Code: ACE
SDG No.: Q3150
Instrument ID: MSVOA_W
Calibration Date/Time: 09/22/2025 08:47
Lab File ID: VW032223.D
Init. Calib. Date(s): 08/26/2025 08/26/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:39 12:34
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.330	0.287		-13.03	20
Chloromethane	0.346	0.337	0.1	-2.6	20
Vinyl Chloride	0.450	0.475		5.56	20
Bromomethane	0.401	0.396		-1.25	20
Chloroethane	0.317	0.339		6.94	20
Trichlorofluoromethane	0.445	0.519		16.63	20
1,1,2-Trichlorotrifluoroethane	0.502	0.509		1.39	20
1,1-Dichloroethene	0.528	0.532		0.76	20
Acetone	0.155	0.152		-1.93	20
Carbon Disulfide	1.322	1.216		-8.02	20
Methyl tert-butyl Ether	0.998	0.977		-2.1	20
Methyl Acetate	0.493	0.538		9.13	20
Methylene Chloride	0.725	0.582		-19.72	20
trans-1,2-Dichloroethene	0.590	0.556		-5.76	20
1,1-Dichloroethane	1.070	1.027	0.1	-4.02	20
Cyclohexane	0.878	0.797		-9.23	20
2-Butanone	0.219	0.207		-5.48	20
Carbon Tetrachloride	0.488	0.494		1.23	20
cis-1,2-Dichloroethene	0.718	0.670		-6.68	20
Bromochloromethane	0.490	0.499		1.84	20
Chloroform	1.221	1.178		-3.52	20
1,1,1-Trichloroethane	0.891	0.895		0.45	20
Methylcyclohexane	0.539	0.525		-2.6	20
Benzene	1.406	1.378		-1.99	20
1,2-Dichloroethane	0.487	0.472		-3.08	20
Trichloroethene	0.354	0.326		-7.91	20
1,2-Dichloropropane	0.339	0.330		-2.65	20
Bromodichloromethane	0.540	0.534		-1.11	20
4-Methyl-2-Pentanone	0.289	0.288		-0.35	20
Toluene	0.919	0.899		-2.18	20
t-1,3-Dichloropropene	0.477	0.477		0	20
cis-1,3-Dichloropropene	0.544	0.542		-0.37	20
1,1,2-Trichloroethane	0.309	0.301		-2.59	20
2-Hexanone	0.201	0.205		1.99	20
Dibromochloromethane	0.374	0.365		-2.41	20
1,2-Dibromoethane	0.304	0.288		-5.26	20
Tetrachloroethene	0.329	0.298		-9.42	20
Chlorobenzene	1.138	1.058	0.3	-7.03	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG No.: Q3150

Instrument ID: MSVOA_W | Calibration Date/Time: 09/22/2025 08:47

Lab File ID: VW032223.D | Init. Calib. Date(s): 08/26/2025 08/26/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:39 12:34

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	1.813		-2.79	20
m/p-Xylenes	0.718	0.698		-2.79	20
o-Xylene	0.679	0.667		-1.77	20
Styrene	1.197	1.173		-2.01	20
Bromoform	0.223	0.214	0.1	-4.04	20
Isopropylbenzene	3.397	3.408		0.32	20
1,1,2,2-Tetrachloroethane	0.807	0.790	0.3	-2.11	20
1,3-Dichlorobenzene	1.744	1.629		-6.59	20
1,4-Dichlorobenzene	1.748	1.701		-2.69	20
1,2-Dichlorobenzene	1.544	1.510		-2.2	20
1,2-Dibromo-3-Chloropropane	0.143	0.133		-6.99	20
1,2,4-Trichlorobenzene	0.987	0.898		-9.02	20
1,2,3-Trichlorobenzene	0.918	0.853		-7.08	20
1,2-Dichloroethane-d4	0.715	0.679		-5.03	20
Dibromofluoromethane	0.351	0.344		-1.99	20
Toluene-d8	1.231	1.181		-4.06	20
4-Bromofluorobenzene	0.455	0.434		-4.61	20

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	201565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	338923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	319016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	160129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136773	47.447	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 94.900%			
35) Dibromofluoromethane	7.898	113	116527	49.005	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 98.000%			
50) Toluene-d8	10.325	98	400288	47.953	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 95.900%			
62) 4-Bromofluorobenzene	12.617	95	147232	47.698	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 95.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	57865	43.482	ug/l	100
3) Chloromethane	2.253	50	67935	48.689	ug/l	98
4) Vinyl Chloride	2.405	62	95701	52.807	ug/l	98
5) Bromomethane	2.826	94	79900	49.371	ug/l	100
6) Chloroethane	2.972	64	68333	53.541	ug/l	99
7) Trichlorofluoromethane	3.308	101	104590	58.246	ug/l	92
8) Diethyl Ether	3.722	74	62205	46.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	102582	50.713	ug/l	97
10) Methyl Iodide	4.308	142	149293	48.471	ug/l	99
11) Tert butyl alcohol	5.216	59	37015	209.926	ug/l	98
12) 1,1-Dichloroethene	4.076	96	107309	50.373	ug/l	94
13) Acrolein	3.930	56	10958	40.430	ug/l	90
14) Allyl chloride	4.704	41	147896	48.876	ug/l	99
15) Acrylonitrile	5.405	53	154080	236.502	ug/l	98
16) Acetone	4.161	43	153256	245.486	ug/l	99
17) Carbon Disulfide	4.423	76	245062	45.994	ug/l	99
18) Methyl Acetate	4.716	43	108442	54.518	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	196919	48.951	ug/l	98
20) Methylene Chloride	4.960	84	117308	45.426	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	112076	47.095	ug/l	91
22) Diisopropyl ether	6.344	45	334231	50.750	ug/l	97
23) Vinyl Acetate	6.283	43	1045709	233.539	ug/l	100
24) 1,1-Dichloroethane	6.246	63	206995	48.010	ug/l	98
25) 2-Butanone	7.197	43	208486	235.671	ug/l	98
26) 2,2-Dichloropropane	7.191	77	123082	53.907	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	134957	46.604	ug/l	98
28) Bromochloromethane	7.533	49	100484	50.912	ug/l	96
29) Tetrahydrofuran	7.551	42	135394	240.845	ug/l	98
30) Chloroform	7.691	83	237451	48.237	ug/l	98
31) Cyclohexane	7.972	56	160596	45.381	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	180474	50.223	ug/l	100
36) 1,1-Dichloropropene	8.100	75	154132	49.993	ug/l	99
37) Ethyl Acetate	7.277	43	88890	48.061	ug/l	99
38) Carbon Tetrachloride	8.081	117	167520	50.685	ug/l	96
39) Methylcyclohexane	9.343	83	177919	48.722	ug/l	98
40) Benzene	8.337	78	467092	49.012	ug/l	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	48455	47.156	ug/l		98
42) 1,2-Dichloroethane	8.410	62	159924	48.406	ug/l		100
43) Isopropyl Acetate	8.435	43	165935	47.824	ug/l		99
44) Trichloroethene	9.105	130	110440	46.081	ug/l		88
45) 1,2-Dichloropropane	9.374	63	111903	48.709	ug/l		100
46) Dibromomethane	9.471	93	78704	48.843	ug/l		93
47) Bromodichloromethane	9.654	83	181118	49.462	ug/l		98
48) Methyl methacrylate	9.441	41	79113	49.476	ug/l		98
49) 1,4-Dioxane	9.465	88	18128	931.121	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.215	43	487606	248.883	ug/l		99
52) Toluene	10.392	92	304670	48.921	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	161622	50.033	ug/l		98
54) cis-1,3-Dichloropropene	10.081	75	183776	49.859	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	101971	48.665	ug/l		97
56) Ethyl methacrylate	10.648	69	132007	49.278	ug/l		99
57) 1,3-Dichloropropane	10.934	76	169483	48.306	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	384960	269.232	ug/l		100
59) 2-Hexanone	10.971	43	347938	255.356	ug/l		97
60) Dibromochloromethane	11.129	129	123643	48.765	ug/l		95
61) 1,2-Dibromoethane	11.233	107	97655	47.392	ug/l		100
64) Tetrachloroethene	10.861	164	95038	45.264	ug/l		92
65) Chlorobenzene	11.660	112	337525	46.483	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.733	131	118520	49.577	ug/l		100
67) Ethyl Benzene	11.733	91	578447	48.621	ug/l		95
68) m/p-Xylenes	11.837	106	445188	97.229	ug/l		97
69) o-Xylene	12.166	106	212938	49.166	ug/l		96
70) Styrene	12.178	104	374120	49.003	ug/l		99
71) Bromoform	12.349	173	68336	48.129	ug/l	#	97
73) Isopropylbenzene	12.465	105	545785	50.170	ug/l		100
74) N-amyl acetate	12.270	43	152061	48.145	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.715	83	126561	48.954	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	108146m	53.909	ug/l		
77) Bromobenzene	12.745	156	132772	47.861	ug/l		98
78) n-propylbenzene	12.800	91	703032	53.230	ug/l		96
79) 2-Chlorotoluene	12.891	91	397880	49.264	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	462318	50.195	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	38724	51.973	ug/l		97
82) 4-Chlorotoluene	12.983	91	424959	49.156	ug/l		99
83) tert-Butylbenzene	13.202	119	399646	51.174	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	480892	50.466	ug/l		99
85) sec-Butylbenzene	13.379	105	606190	51.989	ug/l		97
86) p-Isopropyltoluene	13.495	119	496375	50.059	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	260788	46.689	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	272417	48.657	ug/l		94
89) n-Butylbenzene	13.818	91	490976	51.936	ug/l		98
90) Hexachloroethane	14.086	117	90805	50.065	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	241854	48.905	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	21300	46.636	ug/l		95
93) 1,2,4-Trichlorobenzene	15.129	180	143832	45.522	ug/l		96
94) Hexachlorobutadiene	15.232	225	66097	42.180	ug/l		93
95) Naphthalene	15.360	128	337166	47.151	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	136642	46.501	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

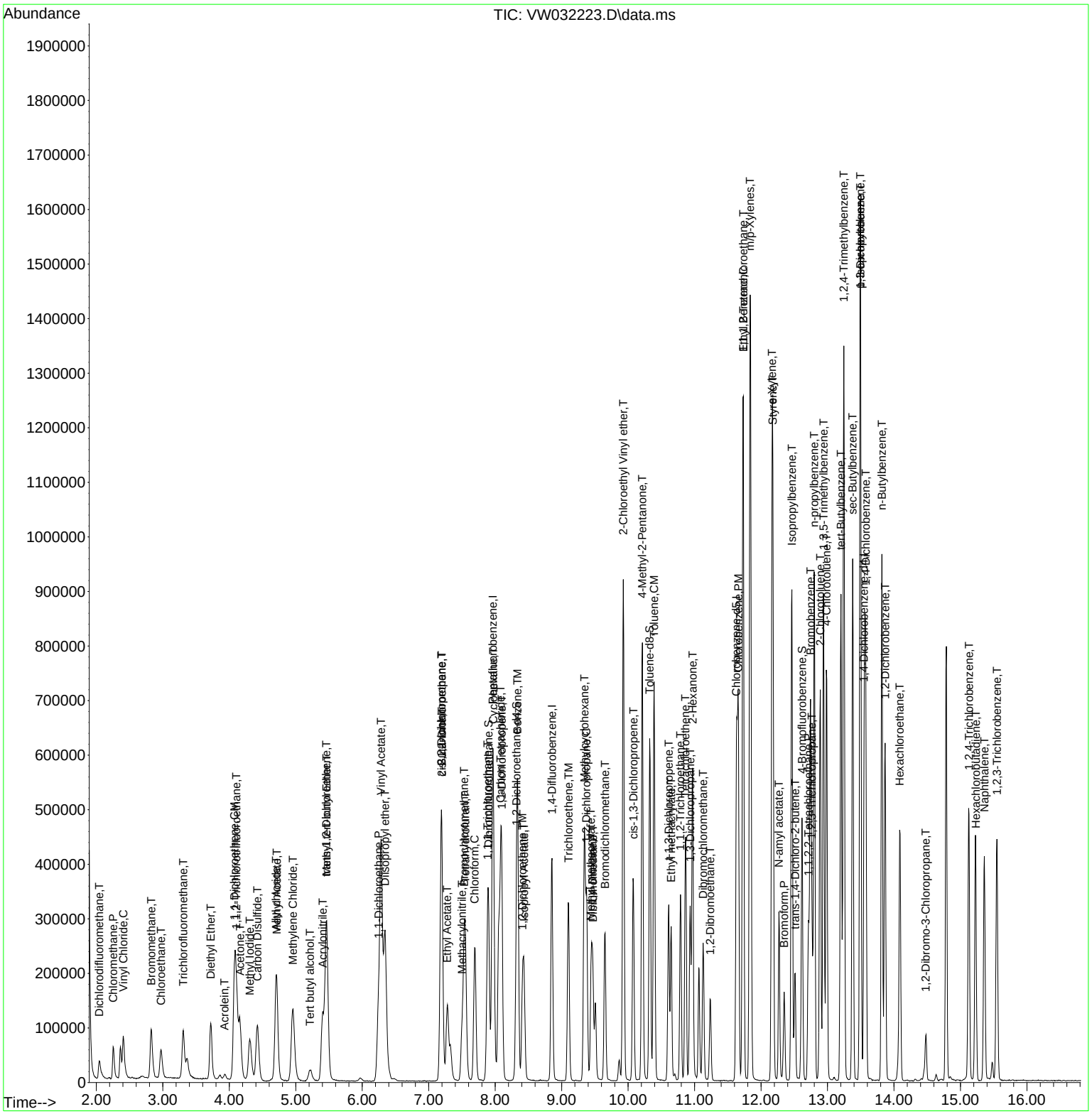
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
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: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	0.330	0.287	13.0	89	0.00
3	P	Chloromethane	0.346	0.337	2.6	96	0.00
4	C	Vinyl Chloride	0.450	0.475	-5.6#	104	0.00
5	T	Bromomethane	0.401	0.396	1.2	103	0.00
6	T	Chloroethane	0.317	0.339	-6.9	104	0.00
7	T	Trichlorofluoromethane	0.445	0.519	-16.6	104	0.00
8	T	Diethyl Ether	0.332	0.309	6.9	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.502	0.509	-1.4	98	0.00
10	T	Methyl Iodide	0.764	0.741	3.0	96	0.00
11	T	Tert butyl alcohol	0.044	0.037	15.9	80	0.00
12	CM	1,1-Dichloroethene	0.528	0.532	-0.8#	96	0.00
13	T	Acrolein	0.067	0.011	83.6#	16#	0.00
14	T	Allyl chloride	0.751	0.734	2.3	92	0.00
15	T	Acrylonitrile	0.162	0.153	5.6	91	0.00
16	T	Acetone	0.155	0.152	1.9	94	0.00
17	T	Carbon Disulfide	1.322	1.216	8.0	87	0.00
18	T	Methyl Acetate	0.493	0.538	-9.1	101	0.00
19	T	Methyl tert-butyl Ether	0.998	0.977	2.1	90	0.00
20	T	Methylene Chloride	0.725	0.582	19.7	88	0.00
21	T	trans-1,2-Dichloroethene	0.590	0.556	5.8	88	0.00
22	T	Diisopropyl ether	1.634	1.658	-1.5	94	0.00
23	T	Vinyl Acetate	1.111	1.038	6.6	85	0.00
24	P	1,1-Dichloroethane	1.070	1.027	4.0	90	0.00
25	T	2-Butanone	0.219	0.207	5.5	88	0.00
26	T	2,2-Dichloropropane	0.566	0.611	-8.0	97	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.670	6.7	88	0.00
28	T	Bromochloromethane	0.490	0.499	-1.8	99	0.00
29	T	Tetrahydrofuran	0.139	0.134	3.6	91	0.00
30	C	Chloroform	1.221	1.178	3.5#	91	0.00
31	T	Cyclohexane	0.878	0.797	9.2	90	0.00
32	T	1,1,1-Trichloroethane	0.891	0.895	-0.4	95	0.00
33	S	1,2-Dichloroethane-d4	0.715	0.679	5.0	94	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.351	0.344	2.0	96	0.00
36	T	1,1-Dichloropropene	0.455	0.455	0.0	90	0.00
37	T	Ethyl Acetate	0.273	0.262	4.0	89	0.00
38	T	Carbon Tetrachloride	0.488	0.494	-1.2	91	0.00
39	T	Methylcyclohexane	0.539	0.525	2.6	85	0.00
40	TM	Benzene	1.406	1.378	2.0	91	0.00
41	T	Methacrylonitrile	0.152	0.143	5.9	91	0.00
42	TM	1,2-Dichloroethane	0.487	0.472	3.1	90	0.00
43	T	Isopropyl Acetate	0.512	0.490	4.3	87	0.00
44	TM	Trichloroethene	0.354	0.326	7.9	87	0.00
45	C	1,2-Dichloropropane	0.339	0.330	2.7#	89	0.00
46	T	Dibromomethane	0.238	0.232	2.5	93	0.00
47	T	Bromodichloromethane	0.540	0.534	1.1	90	0.00
48	T	Methyl methacrylate	0.236	0.233	1.3	86	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
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: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	86	0.00
50	S	Toluene-d8	1.231	1.181	4.1	90	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.288	0.3	91	0.00
52	CM	Toluene	0.919	0.899	2.2#	89	0.00
53	T	t-1,3-Dichloropropene	0.477	0.477	0.0	89	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.542	0.4	89	0.00
55	T	1,1,2-Trichloroethane	0.309	0.301	2.6	94	0.00
56	T	Ethyl methacrylate	0.395	0.389	1.5	86	0.00
57	T	1,3-Dichloropropane	0.518	0.500	3.5	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.227	-7.6	102	0.00
59	T	2-Hexanone	0.201	0.205	-2.0	92	0.00
60	T	Dibromochloromethane	0.374	0.365	2.4	88	0.00
61	T	1,2-Dibromoethane	0.304	0.288	5.3	87	0.00
62	S	4-Bromofluorobenzene	0.455	0.434	4.6	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.329	0.298	9.4	85	0.00
65	PM	Chlorobenzene	1.138	1.058	7.0	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.375	0.372	0.8	93	0.00
67	C	Ethyl Benzene	1.865	1.813	2.8#	90	0.00
68	T	m/p-Xylenes	0.718	0.698	2.8	88	0.00
69	T	o-Xylene	0.679	0.667	1.8	89	0.00
70	T	Styrene	1.197	1.173	2.0	89	0.00
71	P	Bromoform	0.223	0.214	4.0	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.397	3.408	-0.3	89	0.00
74	T	N-amyl acetate	0.986	0.950	3.7	87	0.00
75	P	1,1,2,2-Tetrachloroethane	0.807	0.790	2.1	92	0.00
76	T	1,2,3-Trichloropropane	0.626	0.675	-7.8	105	0.00
77	T	Bromobenzene	0.866	0.829	4.3	86	0.00
78	T	n-propylbenzene	4.124	4.390	-6.5	95	0.00
79	T	2-Chlorotoluene	2.522	2.485	1.5	89	0.00
80	T	1,3,5-Trimethylbenzene	2.876	2.887	-0.4	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.242	-3.9	92	0.00
82	T	4-Chlorotoluene	2.699	2.654	1.7	87	0.00
83	T	tert-Butylbenzene	2.439	2.496	-2.3	87	0.00
84	T	1,2,4-Trimethylbenzene	2.975	3.003	-0.9	88	0.00
85	T	sec-Butylbenzene	3.641	3.786	-4.0	90	0.00
86	T	p-Isopropyltoluene	3.096	3.100	-0.1	87	0.00
87	T	1,3-Dichlorobenzene	1.744	1.629	6.6	85	0.00
88	T	1,4-Dichlorobenzene	1.748	1.701	2.7	92	0.00
89	T	n-Butylbenzene	2.952	3.066	-3.9	91	0.00
90	T	Hexachloroethane	0.566	0.567	-0.2	92	0.00
91	T	1,2-Dichlorobenzene	1.544	1.510	2.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.143	0.133	7.0	90	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.898	9.0	81	0.00
94	T	Hexachlorobutadiene	0.489	0.413	15.5	74	0.00
95	T	Naphthalene	2.233	2.106	5.7	84	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
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: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.853	7.1	87	0.00

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

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
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: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	50.000	43.482	13.0	89	0.00
3	P	Chloromethane	50.000	48.689	2.6	96	0.00
4	C	Vinyl Chloride	50.000	52.807	-5.6#	104	0.00
5	T	Bromomethane	50.000	49.371	1.3	103	0.00
6	T	Chloroethane	50.000	53.541	-7.1	104	0.00
7	T	Trichlorofluoromethane	50.000	58.246	-16.5	104	0.00
8	T	Diethyl Ether	50.000	46.421	7.2	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.713	-1.4	98	0.00
10	T	Methyl Iodide	50.000	48.471	3.1	96	0.00
11	T	Tert butyl alcohol	250.000	209.926	16.0	80	0.00
12	CM	1,1-Dichloroethene	50.000	50.373	-0.7#	96	0.00
13	T	Acrolein	250.000	40.430	83.8#	16	0.00
14	T	Allyl chloride	50.000	48.876	2.2	92	0.00
15	T	Acrylonitrile	250.000	236.502	5.4	91	0.00
16	T	Acetone	250.000	245.486	1.8	94	0.00
17	T	Carbon Disulfide	50.000	45.994	8.0	87	0.00
18	T	Methyl Acetate	50.000	54.518	-9.0	101	0.00
19	T	Methyl tert-butyl Ether	50.000	48.951	2.1	90	0.00
20	T	Methylene Chloride	50.000	45.426	9.1	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.095	5.8	88	0.00
22	T	Diisopropyl ether	50.000	50.750	-1.5	94	0.00
23	T	Vinyl Acetate	250.000	233.539	6.6	85	0.00
24	P	1,1-Dichloroethane	50.000	48.010	4.0	90	0.00
25	T	2-Butanone	250.000	235.671	5.7	88	0.00
26	T	2,2-Dichloropropane	50.000	53.907	-7.8	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.604	6.8	88	0.00
28	T	Bromochloromethane	50.000	50.912	-1.8	99	0.00
29	T	Tetrahydrofuran	250.000	240.845	3.7	91	0.00
30	C	Chloroform	50.000	48.237	3.5#	91	0.00
31	T	Cyclohexane	50.000	45.381	9.2	90	0.00
32	T	1,1,1-Trichloroethane	50.000	50.223	-0.4	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.447	5.1	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	49.005	2.0	96	0.00
36	T	1,1-Dichloropropene	50.000	49.993	0.0	90	0.00
37	T	Ethyl Acetate	50.000	48.061	3.9	89	0.00
38	T	Carbon Tetrachloride	50.000	50.685	-1.4	91	0.00
39	T	Methylcyclohexane	50.000	48.722	2.6	85	0.00
40	TM	Benzene	50.000	49.012	2.0	91	0.00
41	T	Methacrylonitrile	50.000	47.156	5.7	91	0.00
42	TM	1,2-Dichloroethane	50.000	48.406	3.2	90	0.00
43	T	Isopropyl Acetate	50.000	47.824	4.4	87	0.00
44	TM	Trichloroethene	50.000	46.081	7.8	87	0.00
45	C	1,2-Dichloropropane	50.000	48.709	2.6#	89	0.00
46	T	Dibromomethane	50.000	48.843	2.3	93	0.00
47	T	Bromodichloromethane	50.000	49.462	1.1	90	0.00
48	T	Methyl methacrylate	50.000	49.476	1.0	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
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: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	931.121	6.9	86	0.00
50	S	Toluene-d8	50.000	47.953	4.1	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.883	0.4	91	0.00
52	CM	Toluene	50.000	48.921	2.2#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	50.033	-0.1	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.859	0.3	89	0.00
55	T	1,1,2-Trichloroethane	50.000	48.665	2.7	94	0.00
56	T	Ethyl methacrylate	50.000	49.278	1.4	86	0.00
57	T	1,3-Dichloropropane	50.000	48.306	3.4	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	269.232	-7.7	102	0.00
59	T	2-Hexanone	250.000	255.356	-2.1	92	0.00
60	T	Dibromochloromethane	50.000	48.765	2.5	88	0.00
61	T	1,2-Dibromoethane	50.000	47.392	5.2	87	0.00
62	S	4-Bromofluorobenzene	50.000	47.698	4.6	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	45.264	9.5	85	0.00
65	PM	Chlorobenzene	50.000	46.483	7.0	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.577	0.8	93	0.00
67	C	Ethyl Benzene	50.000	48.621	2.8#	90	0.00
68	T	m/p-Xylenes	100.000	97.229	2.8	88	0.00
69	T	o-Xylene	50.000	49.166	1.7	89	0.00
70	T	Styrene	50.000	49.003	2.0	89	0.00
71	P	Bromoform	50.000	48.129	3.7	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	50.170	-0.3	89	0.00
74	T	N-amyl acetate	50.000	48.145	3.7	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.954	2.1	92	0.00
76	T	1,2,3-Trichloropropane	50.000	53.909	-7.8	105	0.00
77	T	Bromobenzene	50.000	47.861	4.3	86	0.00
78	T	n-propylbenzene	50.000	53.230	-6.5	95	0.00
79	T	2-Chlorotoluene	50.000	49.264	1.5	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.195	-0.4	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.973	-3.9	92	0.00
82	T	4-Chlorotoluene	50.000	49.156	1.7	87	0.00
83	T	tert-Butylbenzene	50.000	51.174	-2.3	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.466	-0.9	88	0.00
85	T	sec-Butylbenzene	50.000	51.989	-4.0	90	0.00
86	T	p-Isopropyltoluene	50.000	50.059	-0.1	87	0.00
87	T	1,3-Dichlorobenzene	50.000	46.689	6.6	85	0.00
88	T	1,4-Dichlorobenzene	50.000	48.657	2.7	92	0.00
89	T	n-Butylbenzene	50.000	51.936	-3.9	91	0.00
90	T	Hexachloroethane	50.000	50.065	-0.1	92	0.00
91	T	1,2-Dichlorobenzene	50.000	48.905	2.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.636	6.7	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.522	9.0	81	0.00
94	T	Hexachlorobutadiene	50.000	42.180	15.6	74	0.00
95	T	Naphthalene	50.000	47.151	5.7	84	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
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: Sep 23 10:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.501	7.0	87	0.00

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: SCAL01
Lab Code: ACE
SDG No.: Q3150
Instrument ID: MSVOA_W
Calibration Date/Time: 09/30/2025 12:54
Lab File ID: VW032298.D
Init. Calib. Date(s): 09/25/2025 09/25/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 10:45 13:08
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.345	0.276		-20	20
Chloromethane	0.494	0.401	0.1	-18.83	20
Vinyl Chloride	0.578	0.536		-7.27	20
Bromomethane	0.394	0.369		-6.34	20
Chloroethane	0.391	0.367		-6.14	20
Trichlorofluoromethane	0.435	0.387		-11.03	20
1,1,2-Trichlorotrifluoroethane	0.556	0.529		-4.86	20
1,1-Dichloroethene	0.594	0.577		-2.86	20
Acetone	0.203	0.201		-0.99	20
Carbon Disulfide	1.365	1.269		-7.03	20
Methyl tert-butyl Ether	1.101	1.161		5.45	20
Methyl Acetate	0.697	0.766		9.9	20
Methylene Chloride	0.991	0.730		-26.34	20
trans-1,2-Dichloroethene	0.640	0.620		-3.13	20
1,1-Dichloroethane	1.293	1.253	0.1	-3.09	20
Cyclohexane	1.019	0.958		-5.99	20
2-Butanone	0.283	0.288		1.77	20
Carbon Tetrachloride	0.456	0.469		2.85	20
cis-1,2-Dichloroethene	0.796	0.784		-1.51	20
Bromochloromethane	0.617	0.590		-4.38	20
Chloroform	1.349	1.303		-3.41	20
1,1,1-Trichloroethane	0.909	0.905		-0.44	20
Methylcyclohexane	0.561	0.565		0.71	20
Benzene	1.526	1.500		-1.7	20
1,2-Dichloroethane	0.507	0.490		-3.35	20
Trichloroethene	0.357	0.358		0.28	20
1,2-Dichloropropane	0.395	0.385		-2.53	20
Bromodichloromethane	0.554	0.547		-1.26	20
4-Methyl-2-Pentanone	0.341	0.349		2.35	20
Toluene	0.946	0.936		-1.06	20
t-1,3-Dichloropropene	0.508	0.533		4.92	20
cis-1,3-Dichloropropene	0.586	0.614		4.78	20
1,1,2-Trichloroethane	0.332	0.324		-2.41	20
2-Hexanone	0.233	0.248		6.44	20
Dibromochloromethane	0.364	0.376		3.3	20
1,2-Dibromoethane	0.314	0.305		-2.87	20
Tetrachloroethene	0.305	0.308		0.98	20
Chlorobenzene	1.152	1.121	0.3	-2.69	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG No.: Q3150

Instrument ID: MSVOA_W | Calibration Date/Time: 09/30/2025 12:54

Lab File ID: VW032298.D | Init. Calib. Date(s): 09/25/2025 09/25/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 10:45 13:08

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.885	1.951		3.5	20
m/p-Xylenes	0.723	0.768		6.22	20
o-Xylene	0.679	0.737		8.54	20
Styrene	1.191	1.263		6.05	20
Bromoform	0.212	0.214	0.1	0.94	20
Isopropylbenzene	3.480	3.743		7.56	20
1,1,2,2-Tetrachloroethane	0.912	0.915	0.3	0.33	20
1,3-Dichlorobenzene	1.693	1.811		6.97	20
1,4-Dichlorobenzene	1.730	1.781		2.95	20
1,2-Dichlorobenzene	1.584	1.598		0.88	20
1,2-Dibromo-3-Chloropropane	0.156	0.155		-0.64	20
1,2,4-Trichlorobenzene	0.940	0.962		2.34	20
1,2,3-Trichlorobenzene	0.874	0.932		6.64	20
1,2-Dichloroethane-d4	0.789	0.731		-7.35	20
Dibromofluoromethane	0.360	0.338		-6.11	20
Toluene-d8	1.296	1.244		-4.01	20
4-Bromofluorobenzene	0.489	0.469		-4.09	20

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	244399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	443869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	407884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	203513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	178769	46.325	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 92.660%			
35) Dibromofluoromethane	7.898	113	149962	46.978	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 93.960%			
50) Toluene-d8	10.325	98	552080	47.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 95.980%			
62) 4-Bromofluorobenzene	12.617	95	208032	47.939	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 95.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	67567	40.015	ug/l	98
3) Chloromethane	2.253	50	97887	40.508	ug/l	92
4) Vinyl Chloride	2.405	62	130982	46.391	ug/l	97
5) Bromomethane	2.820	94	90146	46.757	ug/l	97
6) Chloroethane	2.966	64	89722	46.896	ug/l	96
7) Trichlorofluoromethane	3.302	101	94638	44.486	ug/l	99
8) Diethyl Ether	3.716	74	94025	46.742	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	129343	47.633	ug/l	98
10) Methyl Iodide	4.307	142	174142	47.414	ug/l	100
11) Tert butyl alcohol	5.222	59	66344	247.672	ug/l	99
12) 1,1-Dichloroethene	4.076	96	140972	48.566	ug/l	99
13) Acrolein	3.930	56	70769	148.434	ug/l	92
14) Allyl chloride	4.698	41	229358	50.915	ug/l	99
15) Acrylonitrile	5.399	53	253314	244.512	ug/l	99
16) Acetone	4.161	43	245069	247.283	ug/l	99
17) Carbon Disulfide	4.417	76	310084	46.462	ug/l	98
18) Methyl Acetate	4.704	43	187166	54.912	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	283866	52.758	ug/l	98
20) Methylene Chloride	4.954	84	178524	49.818	ug/l	99
21) trans-1,2-Dichloroethene	5.454	96	151550	48.418	ug/l	99
22) Diisopropyl ether	6.338	45	512878	51.237	ug/l	97
23) Vinyl Acetate	6.283	43	1631916	253.419	ug/l	98
24) 1,1-Dichloroethane	6.240	63	306345	48.481	ug/l	99
25) 2-Butanone	7.191	43	351973	254.800	ug/l	97
26) 2,2-Dichloropropane	7.185	77	157524	50.588	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	191666	49.234	ug/l	98
28) Bromochloromethane	7.526	49	144156	47.809	ug/l #	98
29) Tetrahydrofuran	7.551	42	223485	249.207	ug/l	99
30) Chloroform	7.691	83	318541	48.315	ug/l	95
31) Cyclohexane	7.971	56	234100	46.982	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	221280	49.820	ug/l	98
36) 1,1-Dichloropropene	8.093	75	213755	49.668	ug/l	99
37) Ethyl Acetate	7.270	43	140379	49.182	ug/l	99
38) Carbon Tetrachloride	8.081	117	208112	51.398	ug/l	95
39) Methylcyclohexane	9.343	83	250807	50.365	ug/l	98
40) Benzene	8.331	78	665837	49.151	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	83693	51.197	ug/l		97
42) 1,2-Dichloroethane	8.410	62	217444	48.290	ug/l		100
43) Isopropyl Acetate	8.435	43	259612	50.811	ug/l		98
44) Trichloroethene	9.093	130	158767	50.141	ug/l		94
45) 1,2-Dichloropropane	9.374	63	170934	48.719	ug/l		96
46) Dibromomethane	9.465	93	103219	47.850	ug/l		98
47) Bromodichloromethane	9.648	83	242757	49.340	ug/l		97
48) Methyl methacrylate	9.441	41	124530	51.807	ug/l		97
49) 1,4-Dioxane	9.465	88	29687	1027.562	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.215	43	773987	255.493	ug/l		99
52) Toluene	10.392	92	415584	49.496	ug/l		100
53) t-1,3-Dichloropropene	10.605	75	236447	52.453	ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	272601	52.381	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	143608	48.772	ug/l		96
56) Ethyl methacrylate	10.648	69	207121	53.402	ug/l		98
57) 1,3-Dichloropropane	10.934	76	245199	48.204	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.928	63	572372	268.832	ug/l		100
59) 2-Hexanone	10.965	43	550061	265.892	ug/l		98
60) Dibromochloromethane	11.129	129	166916	51.618	ug/l		98
61) 1,2-Dibromoethane	11.233	107	135245	48.482	ug/l		99
64) Tetrachloroethene	10.861	164	125447	50.468	ug/l	#	87
65) Chlorobenzene	11.654	112	457165	48.659	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	155571	52.357	ug/l		97
67) Ethyl Benzene	11.727	91	795652	51.738	ug/l		100
68) m/p-Xylenes	11.837	106	626390	106.255	ug/l		94
69) o-Xylene	12.166	106	300494	54.238	ug/l		98
70) Styrene	12.178	104	515087	53.016	ug/l		99
71) Bromoform	12.349	173	87392	50.470	ug/l		99
73) Isopropylbenzene	12.458	105	761675	53.772	ug/l		97
74) N-amyl acetate	12.269	43	238170	53.393	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	186268	50.155	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	130261m	46.524	ug/l		
77) Bromobenzene	12.745	156	177146	50.845	ug/l		94
78) n-propylbenzene	12.800	91	931527	52.355	ug/l		98
79) 2-Chlorotoluene	12.891	91	578344	53.659	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	640637	52.900	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	56938	52.821	ug/l		97
82) 4-Chlorotoluene	12.983	91	605026	53.115	ug/l		97
83) tert-Butylbenzene	13.202	119	546404	53.949	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	663668	53.975	ug/l		98
85) sec-Butylbenzene	13.379	105	826541	54.345	ug/l		99
86) p-Isopropyltoluene	13.495	119	686522	54.504	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	368604	53.487	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	362408	51.477	ug/l		94
89) n-Butylbenzene	13.818	91	684321	54.136	ug/l		99
90) Hexachloroethane	14.092	117	123003	52.395	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	325169	50.439	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	31518	49.616	ug/l		96
93) 1,2,4-Trichlorobenzene	15.129	180	195707	51.171	ug/l		98
94) Hexachlorobutadiene	15.226	225	96233	54.787	ug/l		82
95) Naphthalene	15.360	128	492563	53.660	ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	189772	53.363	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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

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

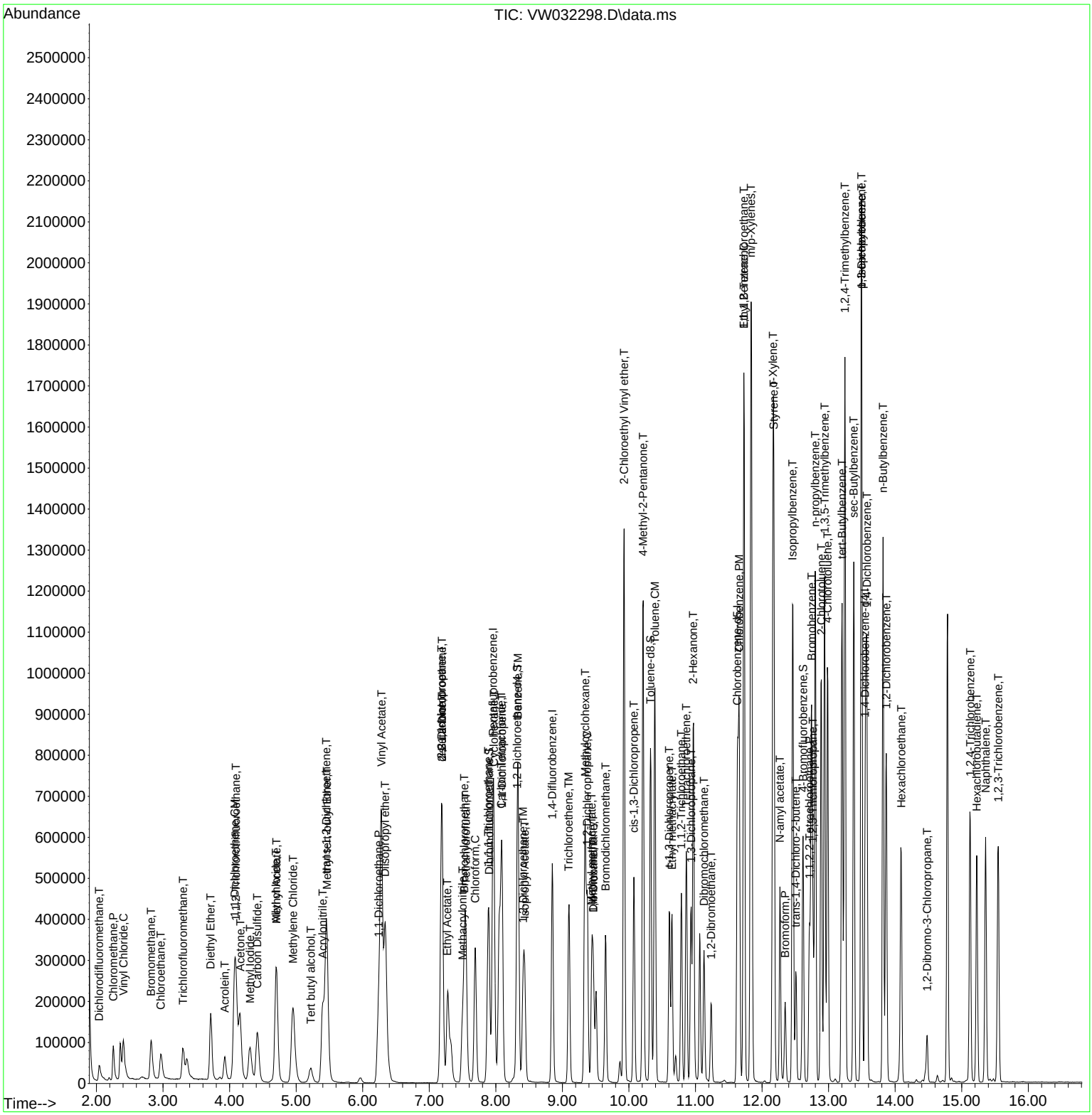
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2	T	Dichlorodifluoromethane	0.345	0.276	20.0	87	0.00
3	P	Chloromethane	0.494	0.401	18.8	88	0.00
4	C	Vinyl Chloride	0.578	0.536	7.3#	93	0.00
5	T	Bromomethane	0.394	0.369	6.3	93	0.00
6	T	Chloroethane	0.391	0.367	6.1	95	0.00
7	T	Trichlorofluoromethane	0.435	0.387	11.0	94	0.00
8	T	Diethyl Ether	0.412	0.385	6.6	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.556	0.529	4.9	93	0.00
10	T	Methyl Iodide	0.751	0.713	5.1	93	0.00
11	T	Tert butyl alcohol	0.055	0.054	1.8	111	0.00
12	CM	1,1-Dichloroethene	0.594	0.577	2.9#	97	0.00
13	T	Acrolein	0.098	0.058	40.8#	59	0.00
14	T	Allyl chloride	0.922	0.938	-1.7	99	0.00
15	T	Acrylonitrile	0.212	0.207	2.4	102	0.00
16	T	Acetone	0.203	0.201	1.0	114	0.00
17	T	Carbon Disulfide	1.365	1.269	7.0	93	0.00
18	T	Methyl Acetate	0.697	0.766	-9.9	96	0.00
19	T	Methyl tert-butyl Ether	1.101	1.161	-5.4	101	0.00
20	T	Methylene Chloride	0.991	0.730	26.3#	91	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.620	3.1	95	0.00
22	T	Diisopropyl ether	2.048	2.099	-2.5	97	0.00
23	T	Vinyl Acetate	1.317	1.335	-1.4	102	0.00
24	P	1,1-Dichloroethane	1.293	1.253	3.1	94	0.00
25	T	2-Butanone	0.283	0.288	-1.8	106	0.00
26	T	2,2-Dichloropropane	0.637	0.645	-1.3	100	0.00
27	T	cis-1,2-Dichloroethene	0.796	0.784	1.5	95	0.00
28	T	Bromochloromethane	0.617	0.590	4.4	93	0.00
29	T	Tetrahydrofuran	0.183	0.183	0.0	102	0.00
30	C	Chloroform	1.349	1.303	3.4#	94	0.00
31	T	Cyclohexane	1.019	0.958	6.0	97	0.00
32	T	1,1,1-Trichloroethane	0.909	0.905	0.4	96	0.00
33	S	1,2-Dichloroethane-d4	0.789	0.731	7.4	96	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35	S	Dibromofluoromethane	0.360	0.338	6.1	94	0.00
36	T	1,1-Dichloropropene	0.485	0.482	0.6	96	0.00
37	T	Ethyl Acetate	0.322	0.316	1.9	101	0.00
38	T	Carbon Tetrachloride	0.456	0.469	-2.9	101	0.00
39	T	Methylcyclohexane	0.561	0.565	-0.7	96	0.00
40	TM	Benzene	1.526	1.500	1.7	95	0.00
41	T	Methacrylonitrile	0.184	0.189	-2.7	103	0.00
42	TM	1,2-Dichloroethane	0.507	0.490	3.4	97	0.00
43	T	Isopropyl Acetate	0.576	0.585	-1.6	103	0.00
44	TM	Trichloroethene	0.357	0.358	-0.3	100	0.00
45	C	1,2-Dichloropropane	0.395	0.385	2.5#	94	0.00
46	T	Dibromomethane	0.243	0.233	4.1	95	0.00
47	T	Bromodichloromethane	0.554	0.547	1.3	94	0.00
48	T	Methyl methacrylate	0.271	0.281	-3.7	100	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	99	0.00
50	S	Toluene-d8	1.296	1.244	4.0	96	0.00
51	T	4-Methyl-2-Pentanone	0.341	0.349	-2.3	104	0.00
52	CM	Toluene	0.946	0.936	1.1#	96	0.00
53	T	t-1,3-Dichloropropene	0.508	0.533	-4.9	101	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.614	-4.8	100	0.00
55	T	1,1,2-Trichloroethane	0.332	0.324	2.4	99	0.00
56	T	Ethyl methacrylate	0.437	0.467	-6.9	103	0.00
57	T	1,3-Dichloropropane	0.573	0.552	3.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.240	0.258	-7.5	99	0.00
59	T	2-Hexanone	0.233	0.248	-6.4	106	0.00
60	T	Dibromochloromethane	0.364	0.376	-3.3	98	0.00
61	T	1,2-Dibromoethane	0.314	0.305	2.9	95	0.00
62	S	4-Bromofluorobenzene	0.489	0.469	4.1	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.305	0.308	-1.0	94	0.00
65	PM	Chlorobenzene	1.152	1.121	2.7	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.364	0.381	-4.7	97	0.00
67	C	Ethyl Benzene	1.885	1.951	-3.5#	95	0.00
68	T	m/p-Xylenes	0.723	0.768	-6.2	98	0.00
69	T	o-Xylene	0.679	0.737	-8.5	96	0.00
70	T	Styrene	1.191	1.263	-6.0	93	0.00
71	P	Bromoform	0.212	0.214	-0.9	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.480	3.743	-7.6	96	0.00
74	T	N-amyl acetate	1.096	1.170	-6.8	103	0.00
75	P	1,1,2,2-Tetrachloroethane	0.912	0.915	-0.3	98	0.00
76	T	1,2,3-Trichloropropane	0.688	0.640	7.0	92	0.00
77	T	Bromobenzene	0.856	0.870	-1.6	90	0.00
78	T	n-propylbenzene	4.371	4.577	-4.7	93	0.00
79	T	2-Chlorotoluene	2.648	2.842	-7.3	98	0.00
80	T	1,3,5-Trimethylbenzene	2.975	3.148	-5.8	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.265	0.280	-5.7	99	0.00
82	T	4-Chlorotoluene	2.799	2.973	-6.2	97	0.00
83	T	tert-Butylbenzene	2.488	2.685	-7.9	98	0.00
84	T	1,2,4-Trimethylbenzene	3.021	3.261	-7.9	97	0.00
85	T	sec-Butylbenzene	3.737	4.061	-8.7	97	0.00
86	T	p-Isopropyltoluene	3.095	3.373	-9.0	95	0.00
87	T	1,3-Dichlorobenzene	1.693	1.811	-7.0	99	0.00
88	T	1,4-Dichlorobenzene	1.730	1.781	-2.9	101	0.00
89	T	n-Butylbenzene	3.106	3.363	-8.3	97	0.00
90	T	Hexachloroethane	0.577	0.604	-4.7	100	0.00
91	T	1,2-Dichlorobenzene	1.584	1.598	-0.9	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.156	0.155	0.6	102	0.00
93	T	1,2,4-Trichlorobenzene	0.940	0.962	-2.3	95	0.00
94	T	Hexachlorobutadiene	0.432	0.473	-9.5	115	0.00
95	T	Naphthalene	2.255	2.420	-7.3	100	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.932	-6.6	100	0.00

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

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	93	0.00
2	T	Dichlorodifluoromethane	50.000	40.015	20.0	87	0.00
3	P	Chloromethane	50.000	40.508	19.0	88	0.00
4	C	Vinyl Chloride	50.000	46.391	7.2#	93	0.00
5	T	Bromomethane	50.000	46.757	6.5	93	0.00
6	T	Chloroethane	50.000	46.896	6.2	95	0.00
7	T	Trichlorofluoromethane	50.000	44.486	11.0	94	0.00
8	T	Diethyl Ether	50.000	46.742	6.5	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.633	4.7	93	0.00
10	T	Methyl Iodide	50.000	47.414	5.2	93	0.00
11	T	Tert butyl alcohol	250.000	247.672	0.9	111	0.00
12	CM	1,1-Dichloroethene	50.000	48.566	2.9#	97	0.00
13	T	Acrolein	250.000	148.434	40.6#	59	0.00
14	T	Allyl chloride	50.000	50.915	-1.8	99	0.00
15	T	Acrylonitrile	250.000	244.512	2.2	102	0.00
16	T	Acetone	250.000	247.283	1.1	114	0.00
17	T	Carbon Disulfide	50.000	46.462	7.1	93	0.00
18	T	Methyl Acetate	50.000	54.912	-9.8	96	0.00
19	T	Methyl tert-butyl Ether	50.000	52.758	-5.5	101	0.00
20	T	Methylene Chloride	50.000	49.818	0.4	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.418	3.2	95	0.00
22	T	Diisopropyl ether	50.000	51.237	-2.5	97	0.00
23	T	Vinyl Acetate	250.000	253.419	-1.4	102	0.00
24	P	1,1-Dichloroethane	50.000	48.481	3.0	94	0.00
25	T	2-Butanone	250.000	254.800	-1.9	106	0.00
26	T	2,2-Dichloropropane	50.000	50.588	-1.2	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.234	1.5	95	0.00
28	T	Bromochloromethane	50.000	47.809	4.4	93	0.00
29	T	Tetrahydrofuran	250.000	249.207	0.3	102	0.00
30	C	Chloroform	50.000	48.315	3.4#	94	0.00
31	T	Cyclohexane	50.000	46.982	6.0	97	0.00
32	T	1,1,1-Trichloroethane	50.000	49.820	0.4	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.325	7.3	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	46.978	6.0	94	0.00
36	T	1,1-Dichloropropene	50.000	49.668	0.7	96	0.00
37	T	Ethyl Acetate	50.000	49.182	1.6	101	0.00
38	T	Carbon Tetrachloride	50.000	51.398	-2.8	101	0.00
39	T	Methylcyclohexane	50.000	50.365	-0.7	96	0.00
40	TM	Benzene	50.000	49.151	1.7	95	0.00
41	T	Methacrylonitrile	50.000	51.197	-2.4	103	0.00
42	TM	1,2-Dichloroethane	50.000	48.290	3.4	97	0.00
43	T	Isopropyl Acetate	50.000	50.811	-1.6	103	0.00
44	TM	Trichloroethene	50.000	50.141	-0.3	100	0.00
45	C	1,2-Dichloropropane	50.000	48.719	2.6#	94	0.00
46	T	Dibromomethane	50.000	47.850	4.3	95	0.00
47	T	Bromodichloromethane	50.000	49.340	1.3	94	0.00
48	T	Methyl methacrylate	50.000	51.807	-3.6	100	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	1027.562	-2.8	99	0.00
50	S	Toluene-d8	50.000	47.988	4.0	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.493	-2.2	104	0.00
52	CM	Toluene	50.000	49.496	1.0#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	52.453	-4.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.381	-4.8	100	0.00
55	T	1,1,2-Trichloroethane	50.000	48.772	2.5	99	0.00
56	T	Ethyl methacrylate	50.000	53.402	-6.8	103	0.00
57	T	1,3-Dichloropropane	50.000	48.204	3.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.832	-7.5	99	0.00
59	T	2-Hexanone	250.000	265.892	-6.4	106	0.00
60	T	Dibromochloromethane	50.000	51.618	-3.2	98	0.00
61	T	1,2-Dibromoethane	50.000	48.482	3.0	95	0.00
62	S	4-Bromofluorobenzene	50.000	47.939	4.1	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	50.468	-0.9	94	0.00
65	PM	Chlorobenzene	50.000	48.659	2.7	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.357	-4.7	97	0.00
67	C	Ethyl Benzene	50.000	51.738	-3.5#	95	0.00
68	T	m/p-Xylenes	100.000	106.255	-6.3	98	0.00
69	T	o-Xylene	50.000	54.238	-8.5	96	0.00
70	T	Styrene	50.000	53.016	-6.0	93	0.00
71	P	Bromoform	50.000	50.470	-0.9	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	53.772	-7.5	96	0.00
74	T	N-amyl acetate	50.000	53.393	-6.8	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.155	-0.3	98	0.00
76	T	1,2,3-Trichloropropane	50.000	46.524	7.0	92	0.00
77	T	Bromobenzene	50.000	50.845	-1.7	90	0.00
78	T	n-propylbenzene	50.000	52.355	-4.7	93	0.00
79	T	2-Chlorotoluene	50.000	53.659	-7.3	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.900	-5.8	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.821	-5.6	99	0.00
82	T	4-Chlorotoluene	50.000	53.115	-6.2	97	0.00
83	T	tert-Butylbenzene	50.000	53.949	-7.9	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.975	-8.0	97	0.00
85	T	sec-Butylbenzene	50.000	54.345	-8.7	97	0.00
86	T	p-Isopropyltoluene	50.000	54.504	-9.0	95	0.00
87	T	1,3-Dichlorobenzene	50.000	53.487	-7.0	99	0.00
88	T	1,4-Dichlorobenzene	50.000	51.477	-3.0	101	0.00
89	T	n-Butylbenzene	50.000	54.136	-8.3	97	0.00
90	T	Hexachloroethane	50.000	52.395	-4.8	100	0.00
91	T	1,2-Dichlorobenzene	50.000	50.439	-0.9	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.616	0.8	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.171	-2.3	95	0.00
94	T	Hexachlorobutadiene	50.000	54.787	-9.6	115	0.00
95	T	Naphthalene	50.000	53.660	-7.3	100	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032298.D
Acq On : 30 Sep 2025 12:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Oct 01 00:48:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	53.363	-6.7	100	0.00

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: SCAL01
Lab Code: ACE
SDG No.: Q3150
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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: SCAL01

Lab Code: ACE | SDG No.: Q3150

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.

Quantitation Report (QT Reviewed)

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

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

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

Quantitation Report (QT Reviewed)

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

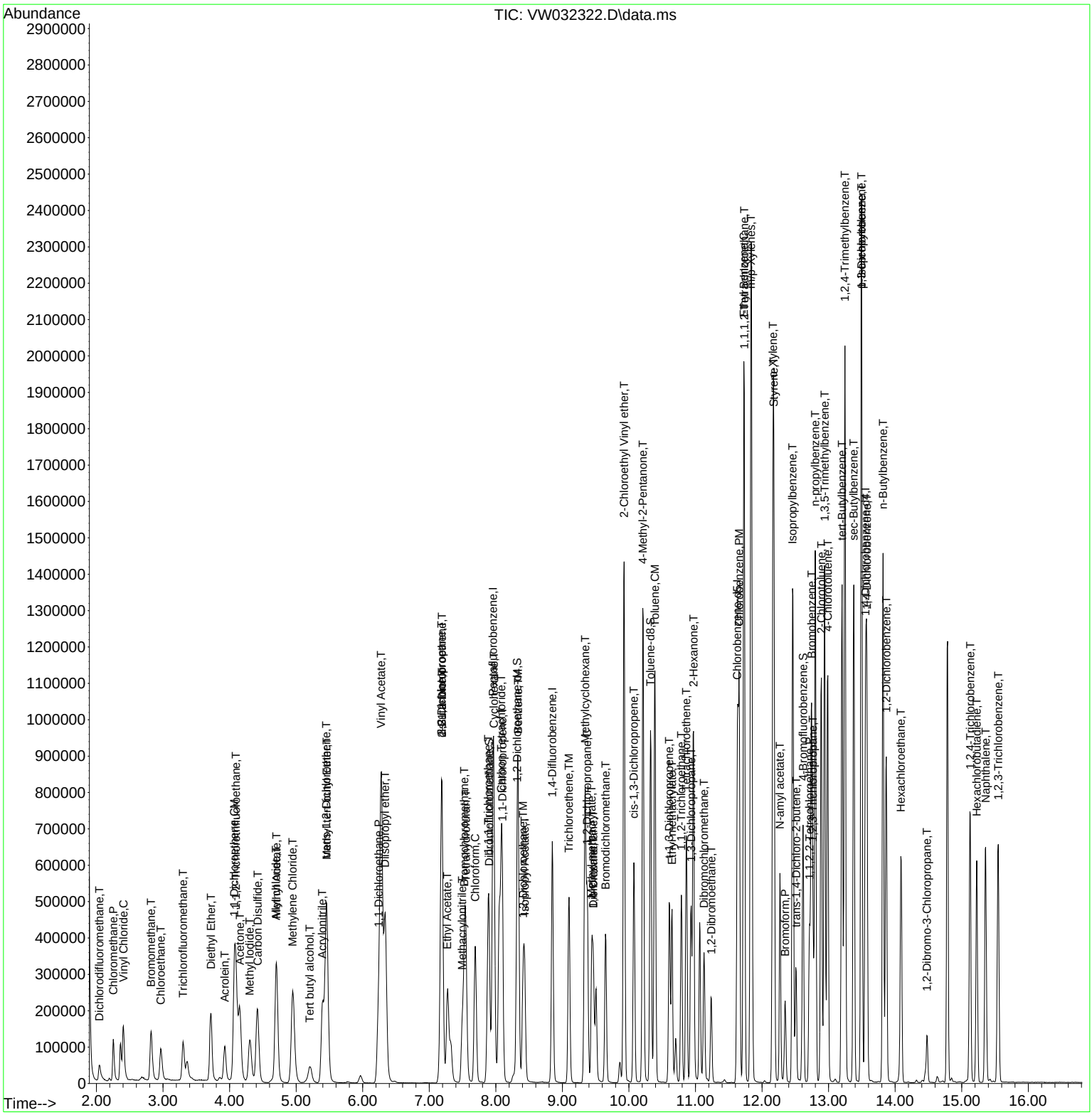
Quant Time: Oct 02 21:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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



Evaluate Continuing Calibration Report

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

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

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

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

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

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

Evaluate Continuing Calibration Report

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

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

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

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

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

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

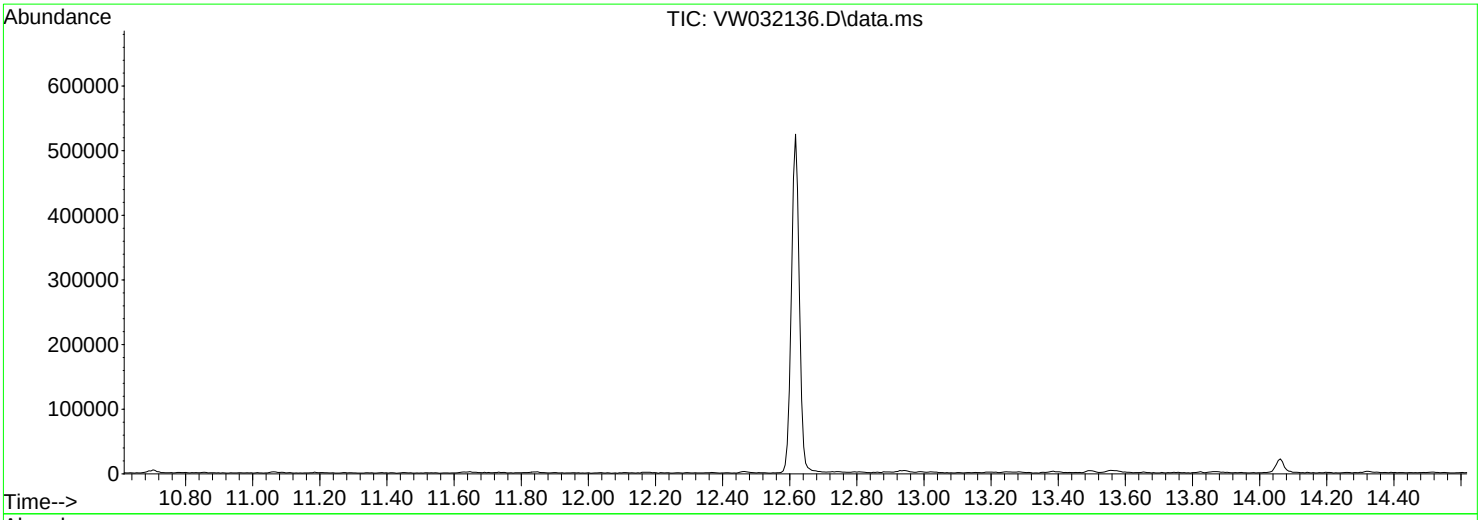
BFB

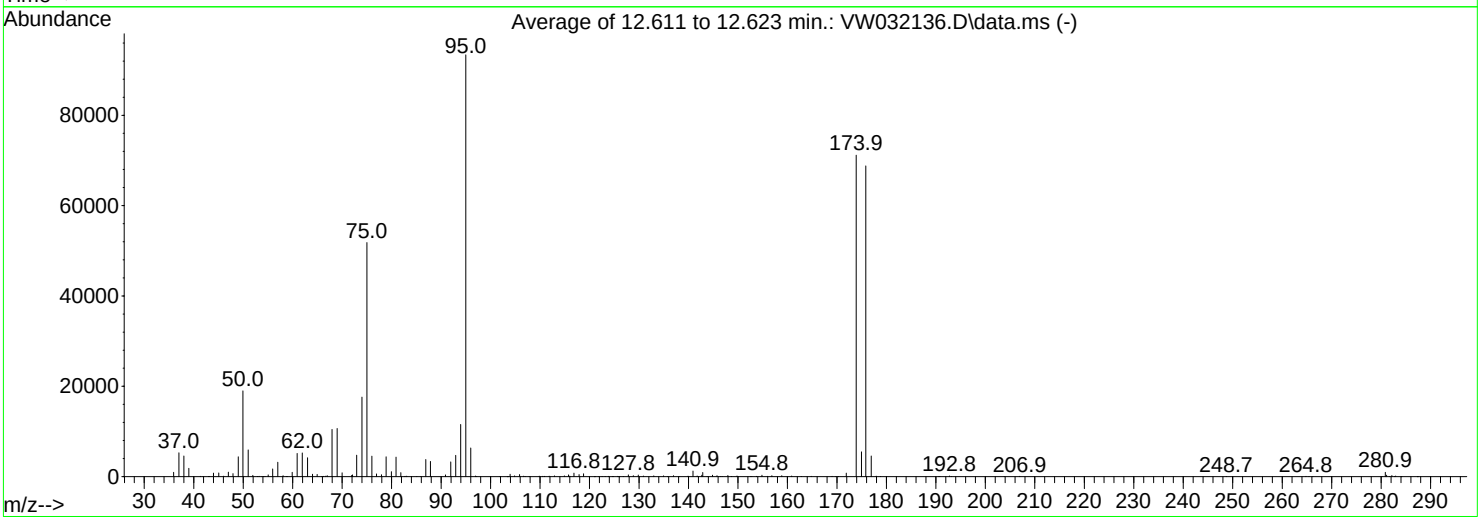
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032136.D
Acq On : 26 Aug 2025 08:38
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	18996	PASS
75	95	30	60	55.5	51824	PASS
95	95	100	100	100.0	93381	PASS
96	95	5	9	6.8	6324	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.2	71157	PASS
175	174	5	9	7.7	5501	PASS
176	174	95	101	96.7	68787	PASS
177	176	5	9	6.6	4557	PASS

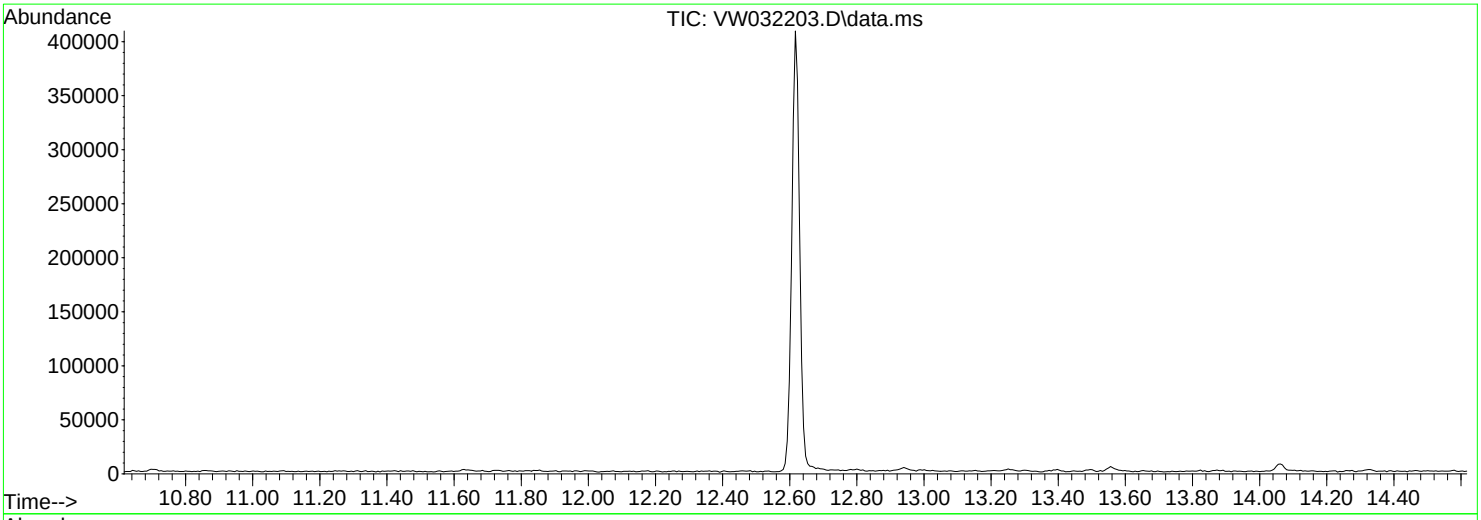
BFB

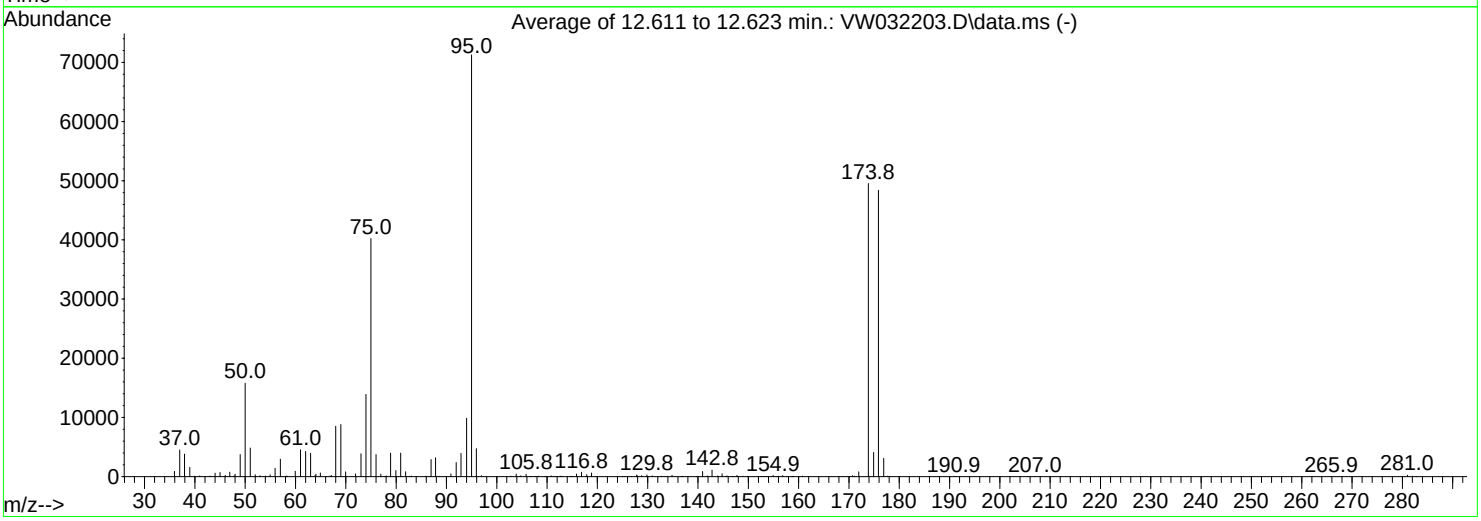
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032203.D
Acq On : 19 Sep 2025 08:22
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

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

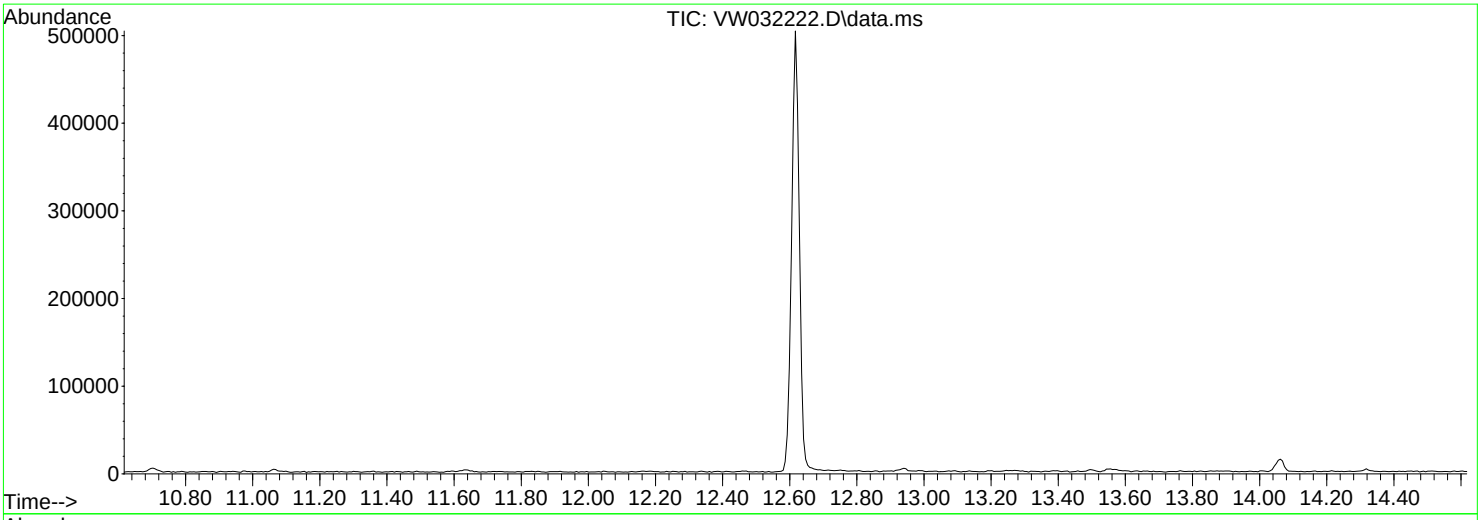
BFB

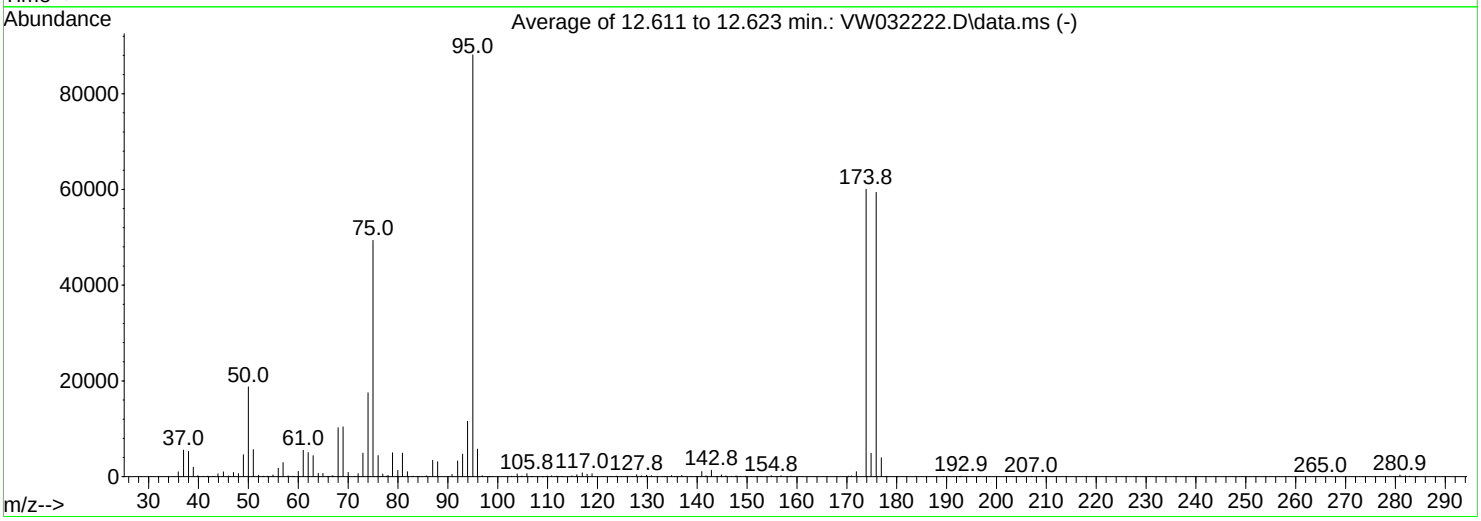
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032222.D
Acq On : 22 Sep 2025 08:04
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.3	18760	PASS
75	95	30	60	56.0	49387	PASS
95	95	100	100	100.0	88120	PASS
96	95	5	9	6.5	5757	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	68.1	60048	PASS
175	174	5	9	8.1	4872	PASS
176	174	95	101	98.9	59408	PASS
177	176	5	9	6.7	3952	PASS

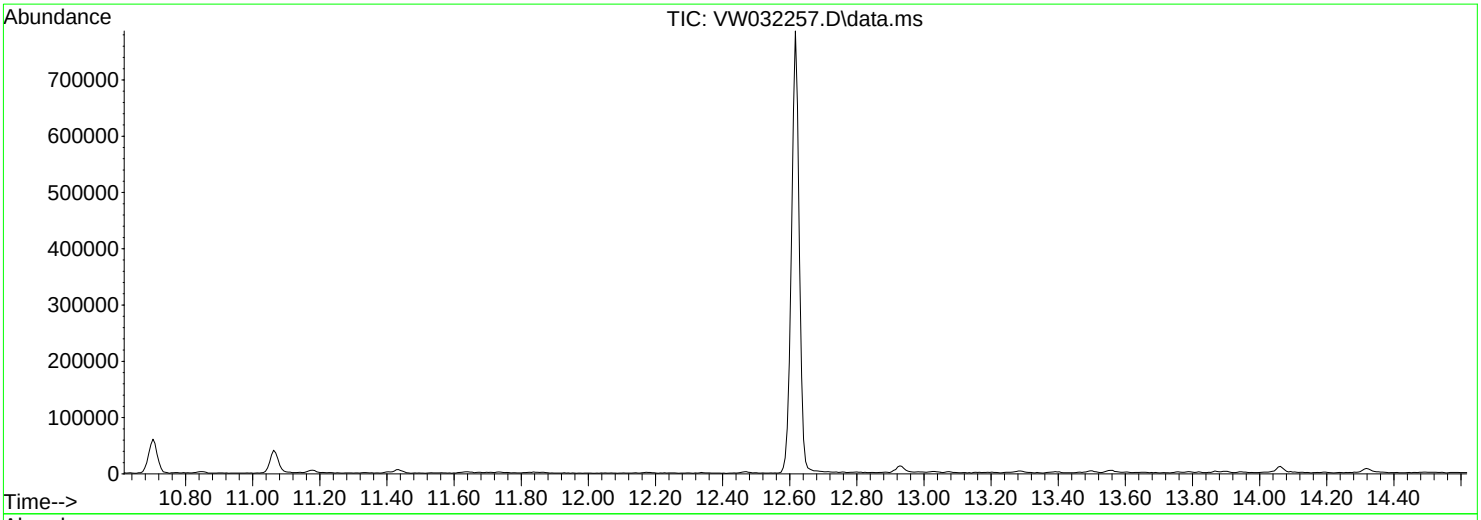
BFB

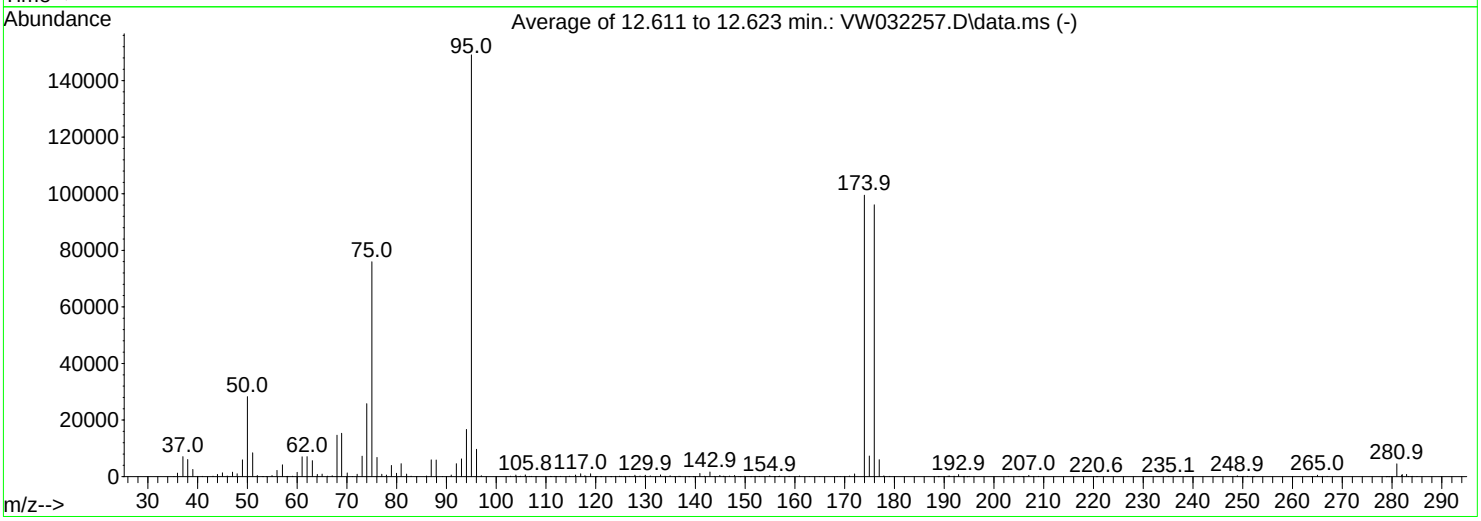
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032257.D
Acq On : 25 Sep 2025 10:01
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Title : SW846 8260
Last Update : Fri Sep 26 07:11:42 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	19.0	28296	PASS
75	95	30	60	51.0	75976	PASS
95	95	100	100	100.0	149099	PASS
96	95	5	9	6.5	9671	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.7	99464	PASS
175	174	5	9	7.4	7318	PASS
176	174	95	101	96.6	96075	PASS
177	176	5	9	6.2	5983	PASS

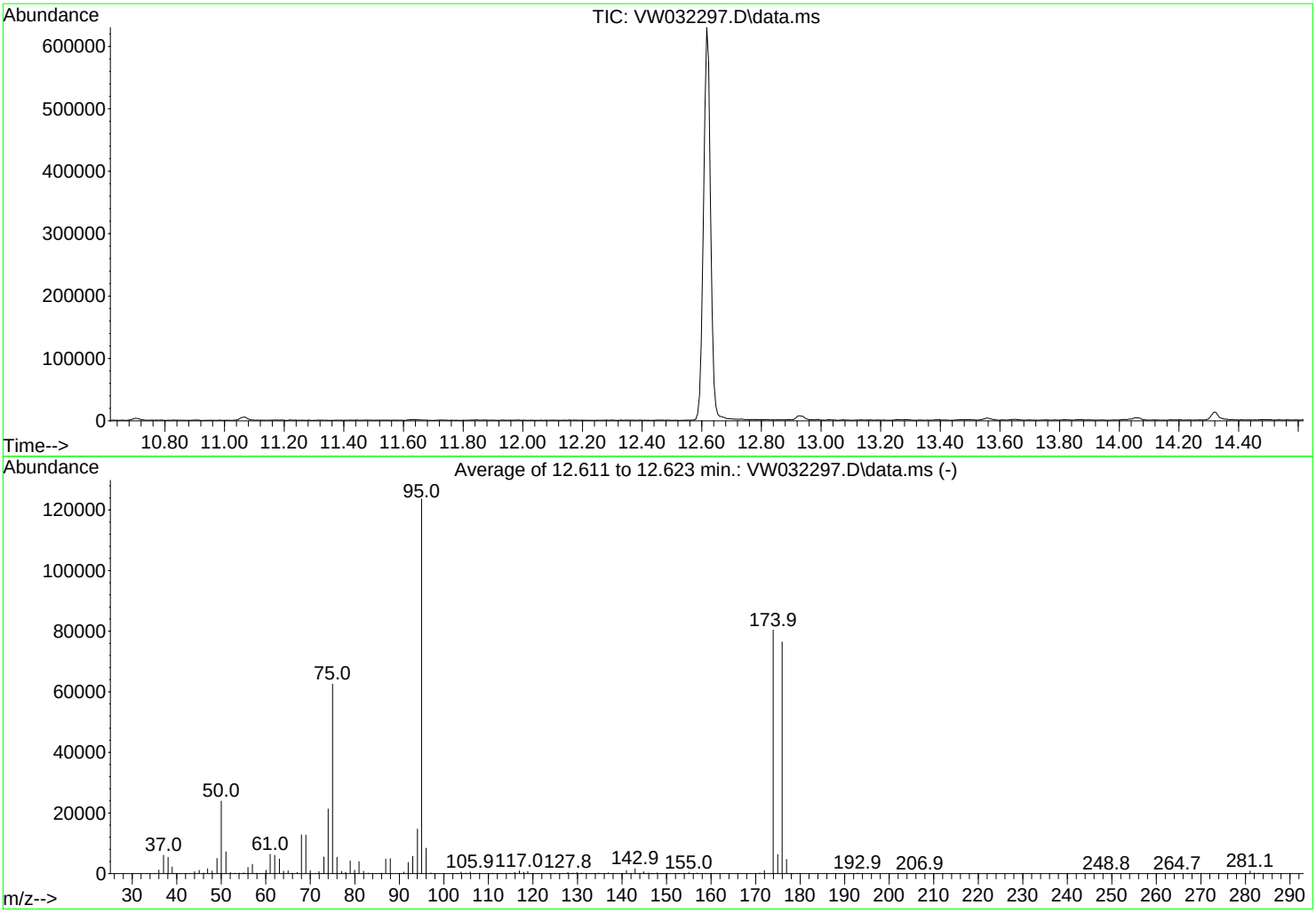
BFB

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032297.D
Acq On : 30 Sep 2025 10:43
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\82W092525S.M
Title : SW846 8260
Last Update : Fri Sep 26 07:11:42 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	19.4	23928	PASS
75	95	30	60	50.6	62544	PASS
95	95	100	100	100.0	123635	PASS
96	95	5	9	6.8	8381	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.0	80373	PASS
175	174	5	9	7.9	6327	PASS
176	174	95	101	95.1	76451	PASS
177	176	5	9	6.2	4708	PASS

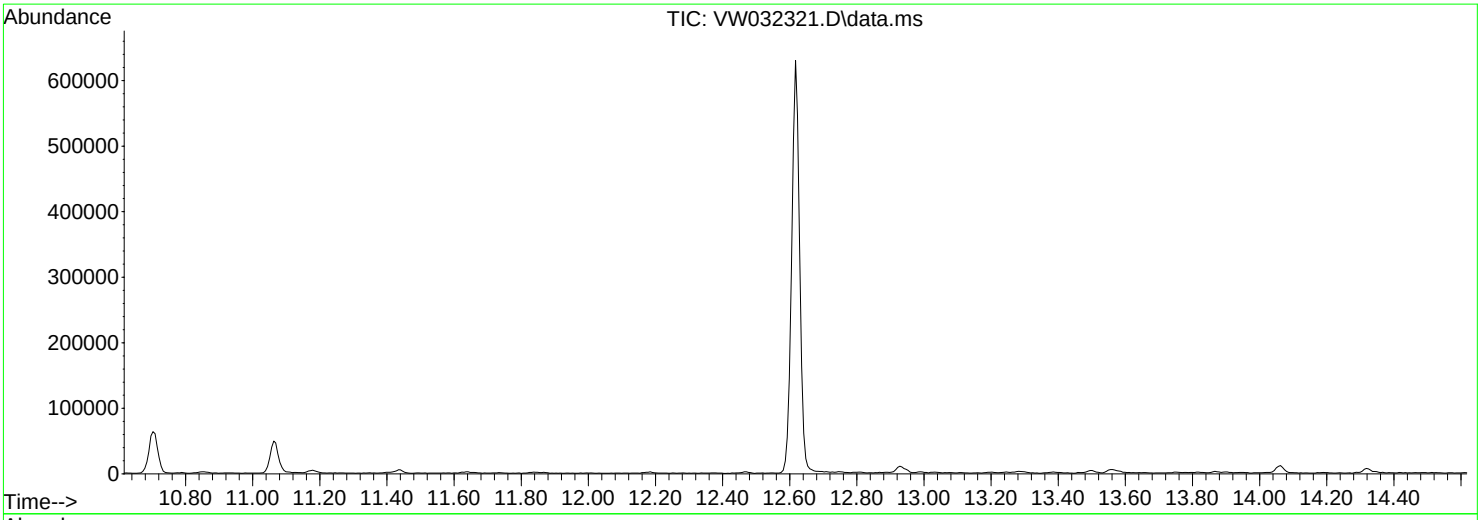
BFB

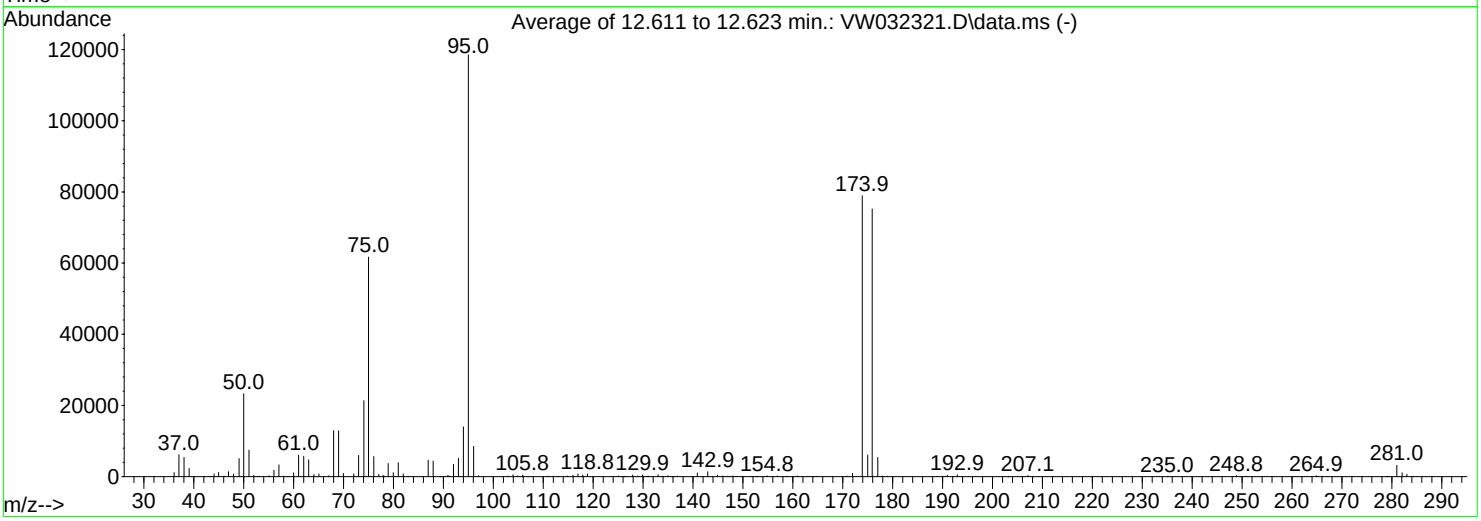
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032321.D
Acq On : 02 Oct 2025 09:19
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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	58.7		63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	44.7		74 - 123	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		17 - 146	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	7.959			
540-36-3	1,4-Difluorobenzene	282000	8.849			
3114-55-4	Chlorobenzene-d5	288000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	136000	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT/LSC Reviewed)

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

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

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

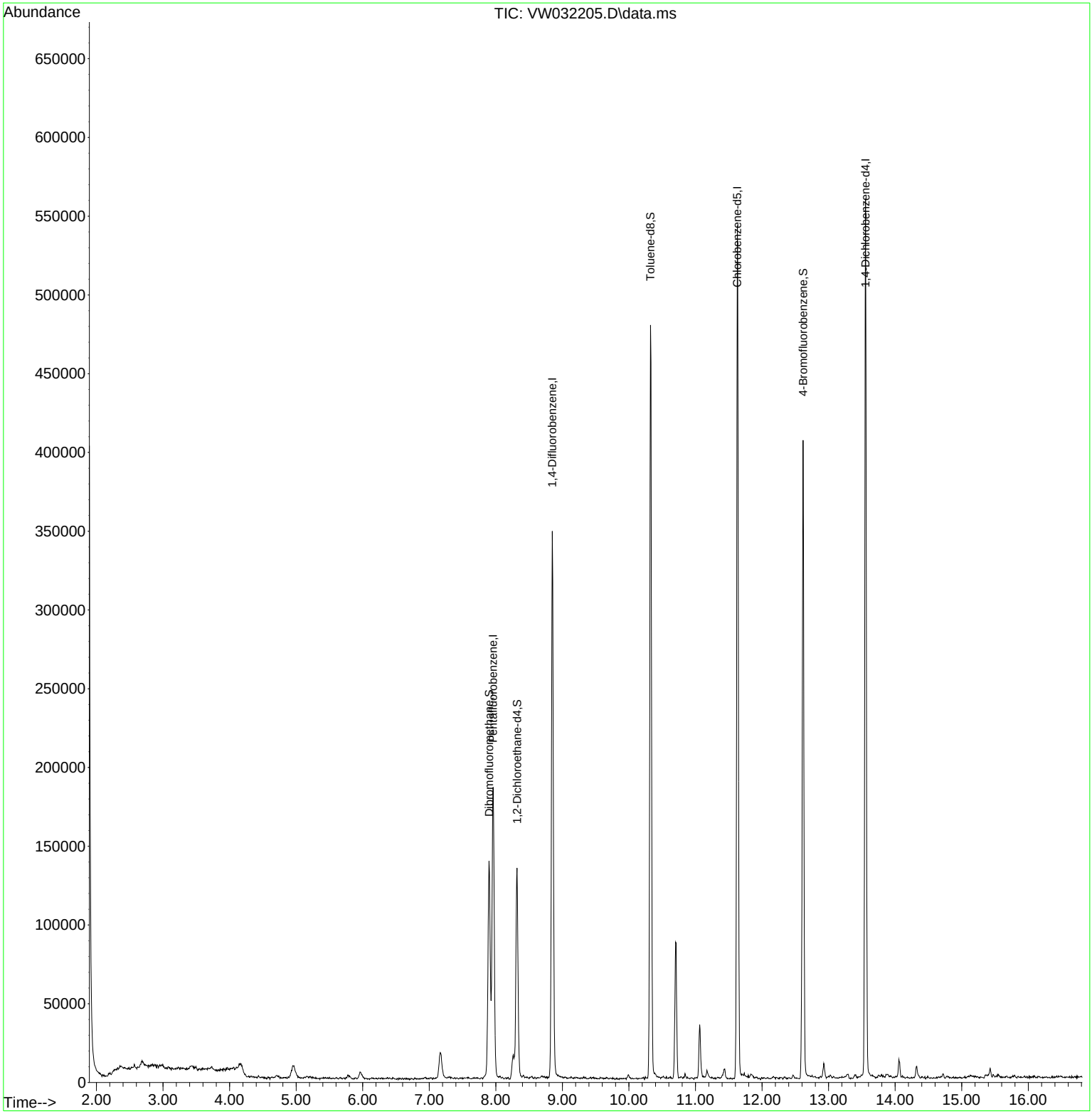
Target Compounds Qvalue

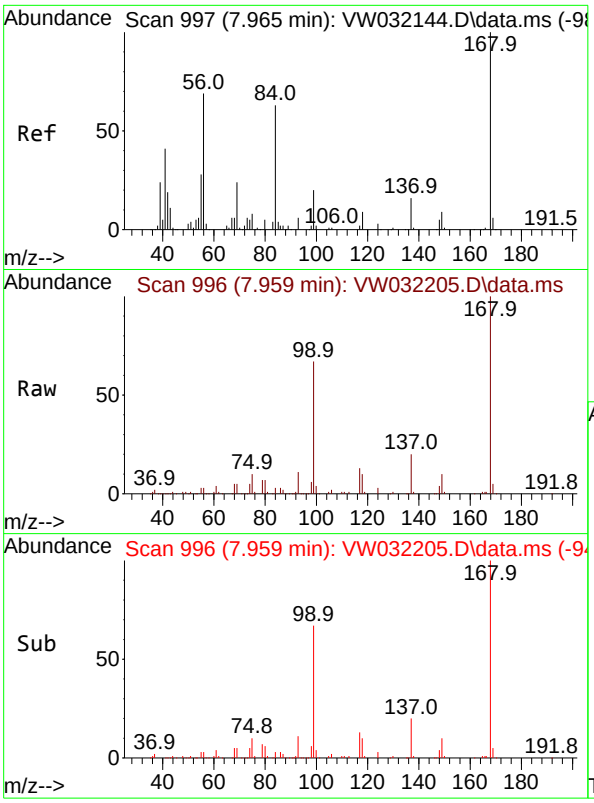
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

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



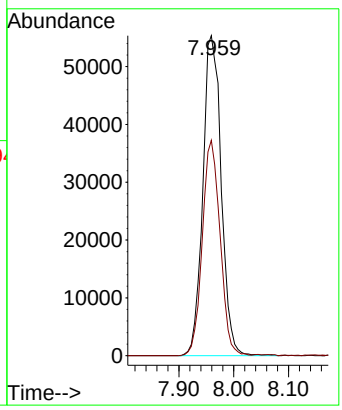


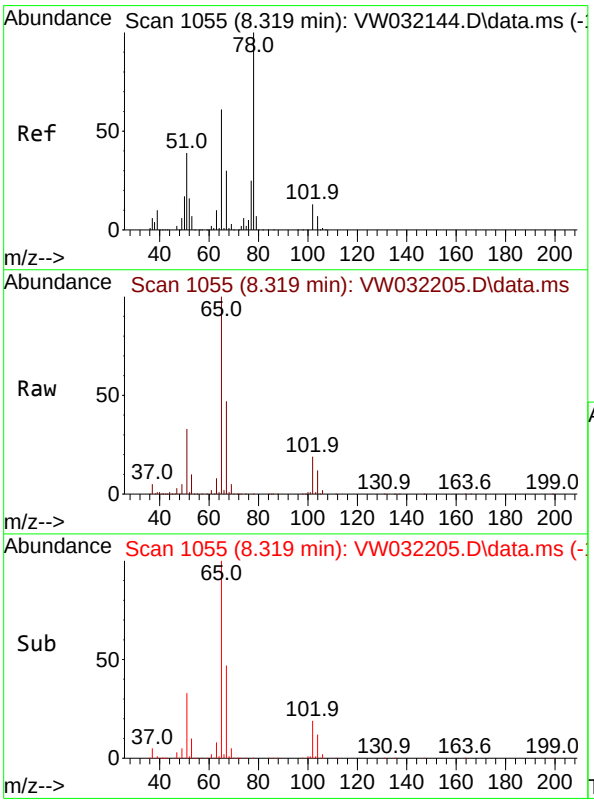
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion:168 Resp: 128568

Ion	Ratio	Lower	Upper
168	100		
99	67.3	49.3	73.9

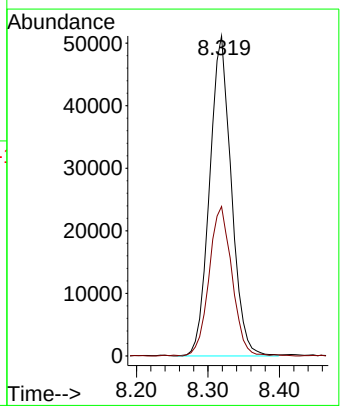


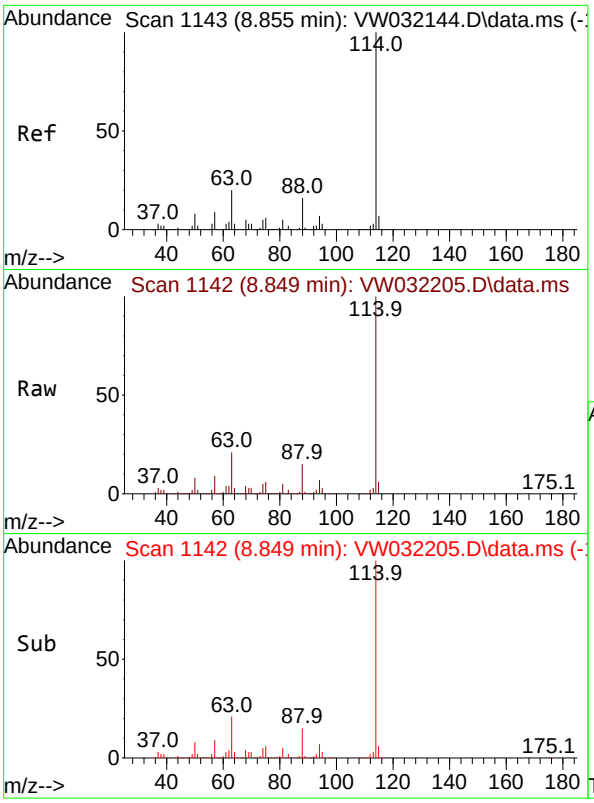


#33
1,2-Dichloroethane-d4
Concen: 58.702 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion: 65 Resp: 107935

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.6



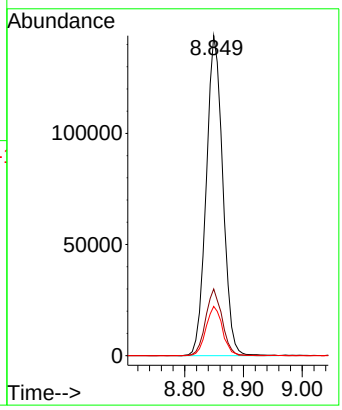


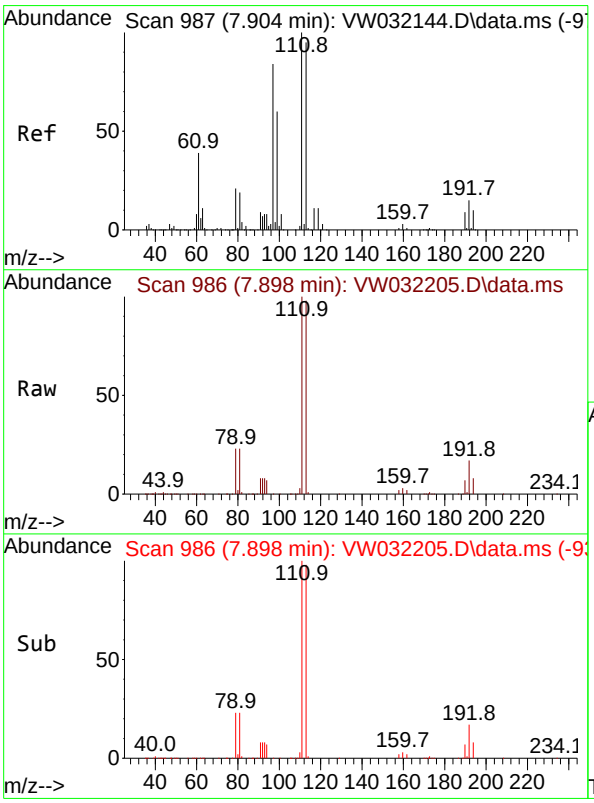
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion:114 Resp: 281974

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

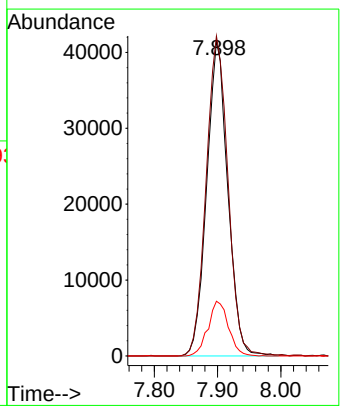


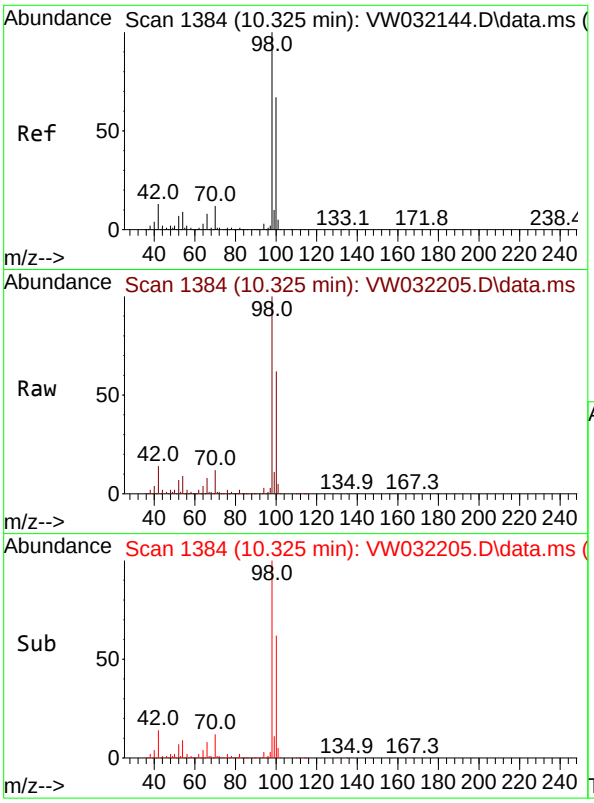


#35
Dibromofluoromethane
Concen: 48.454 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion:113 Resp: 95858

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



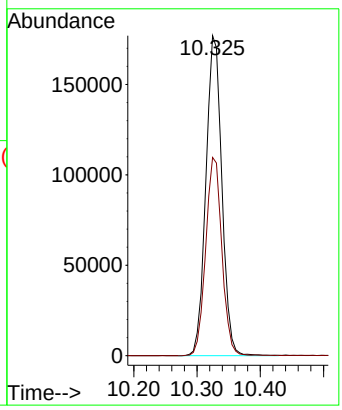


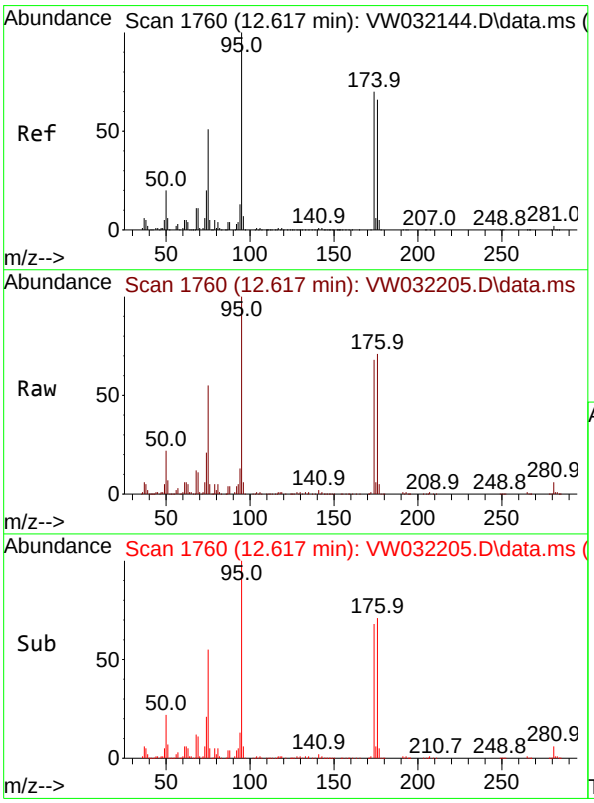
#50
Toluene-d8
Concen: 44.700 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion: 98 Resp: 310434

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.4	77.2

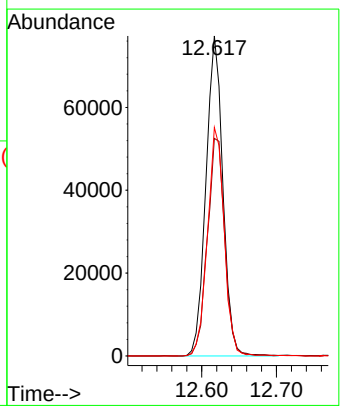


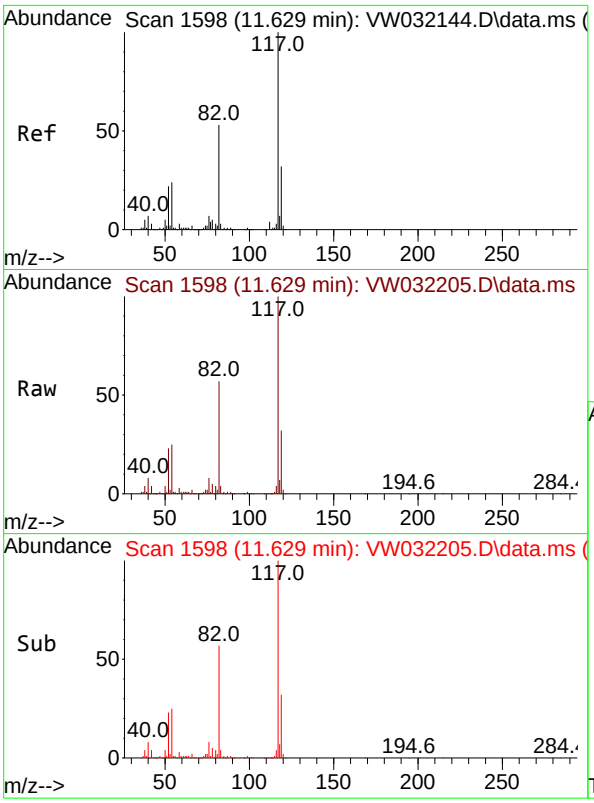


#62
4-Bromofluorobenzene
Concen: 47.364 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion: 95 Resp: 121634

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



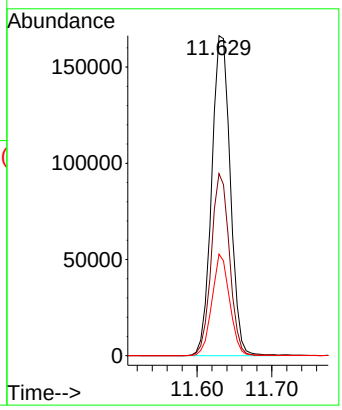


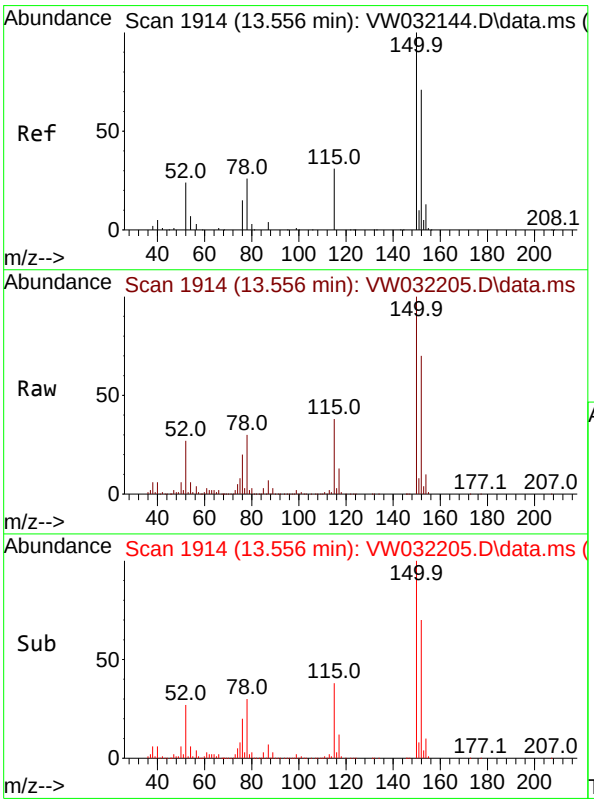
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBL01

Tgt Ion:117 Resp: 287563

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

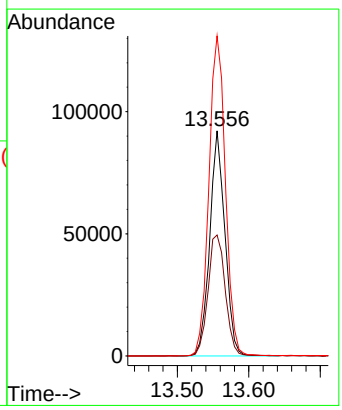




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032205.D
Acq: 19 Sep 2025 10:08

Tgt Ion:152 Resp: 136277

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



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0922SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0922SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032224.D	1	09/22/25 10:27	VW092225

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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0922SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0922SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032224.D	1	09/22/25 10:27	VW092225

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	65.7		63 - 155	131%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	56.2		74 - 123	112%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	158000	7.965			
540-36-3	1,4-Difluorobenzene	322000	8.849			
3114-55-4	Chlorobenzene-d5	327000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	152000	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0922SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0922SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032224.D	1	09/22/25 10:27	VW092225

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032224.D
Acq On : 22 Sep 2025 10:27
Operator : SY/MD
Sample : VW0922SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Quant Time: Sep 23 10:29:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

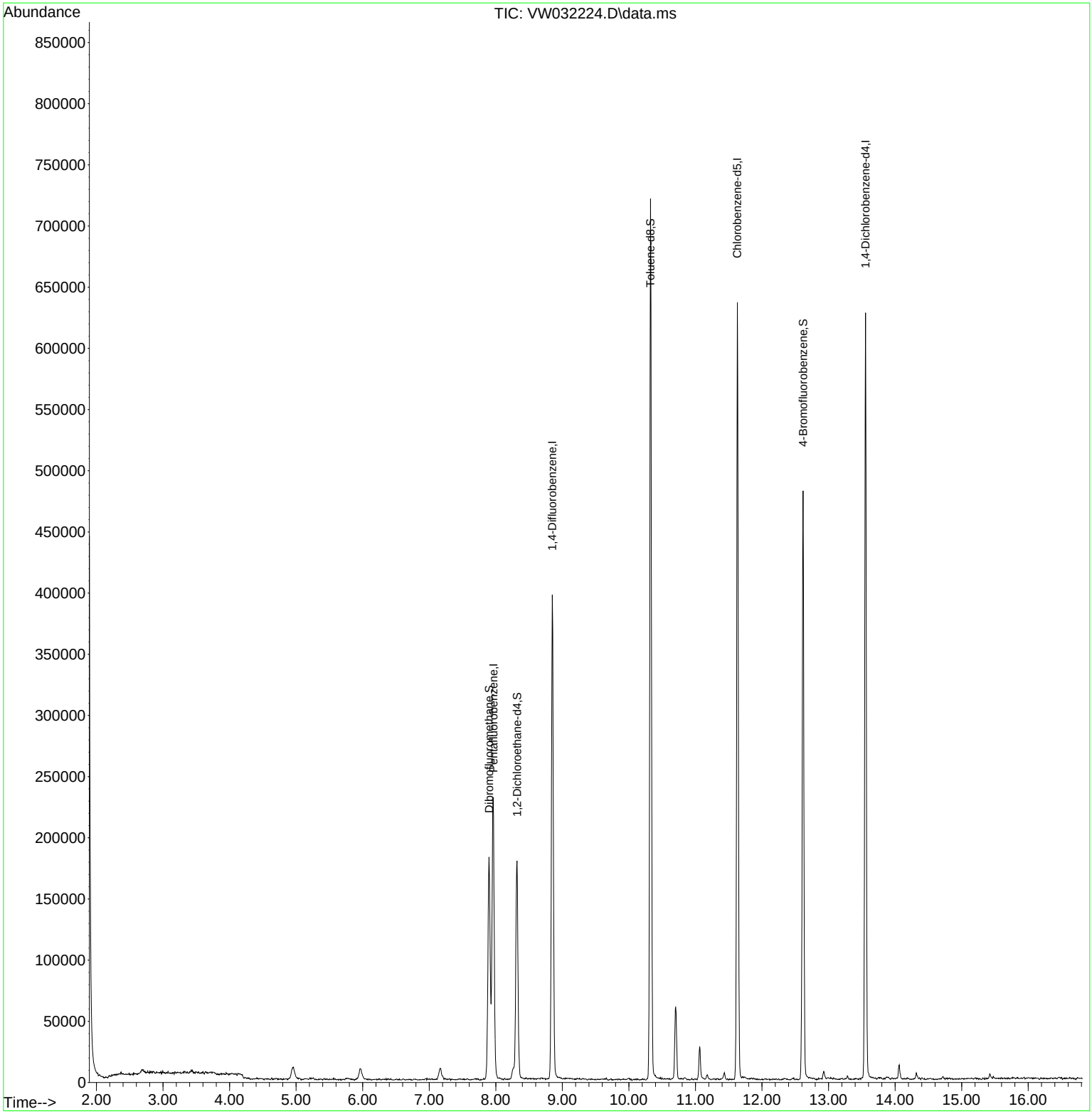
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	157714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	321952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	326905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	151656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	148101	65.662	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 131.320%			
35) Dibromofluoromethane	7.898	113	125719	55.658	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 111.320%			
50) Toluene-d8	10.325	98	445779	56.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 112.440%			
62) 4-Bromofluorobenzene	12.617	95	150343	51.274	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.540%			
Target Compounds						Qvalue

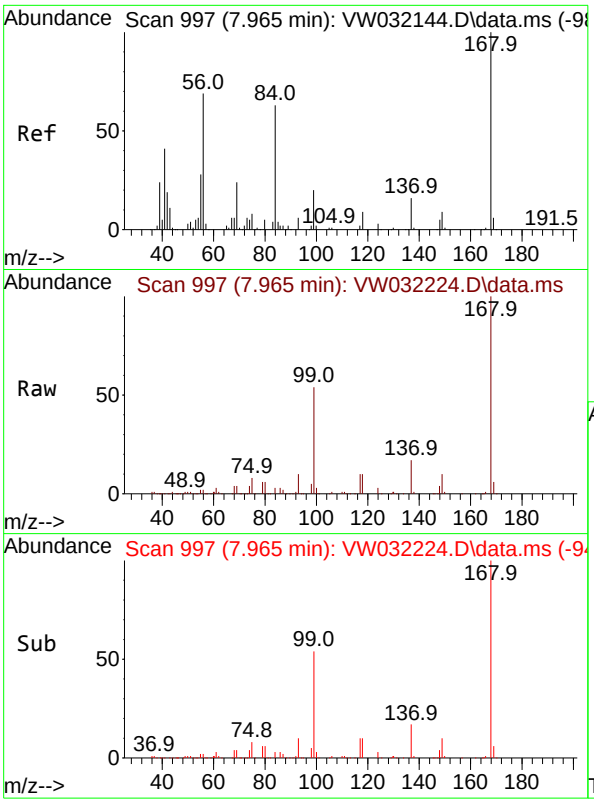
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032224.D
Acq On : 22 Sep 2025 10:27
Operator : SY/MD
Sample : VW0922SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Quant Time: Sep 23 10:29:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



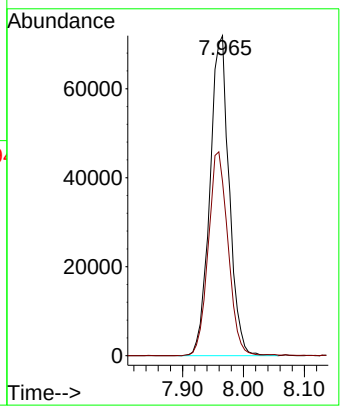


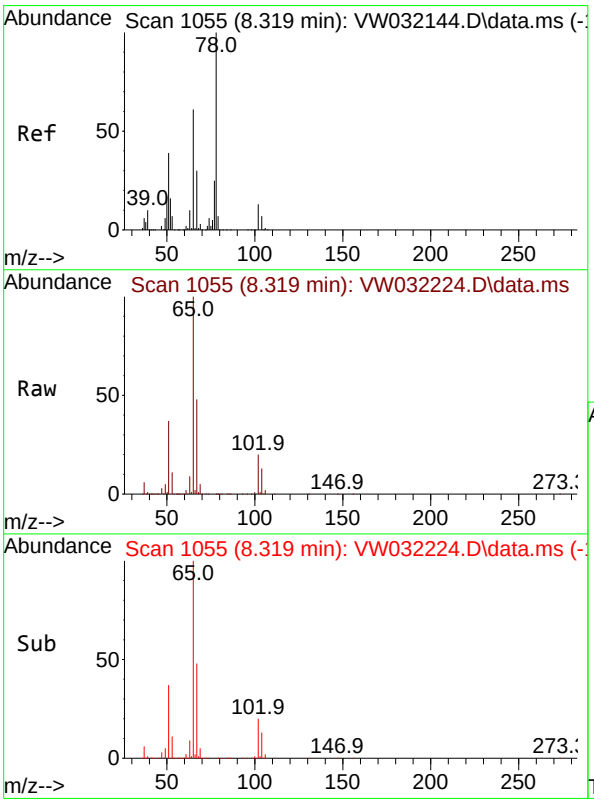
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Tgt Ion:168 Resp: 157714

Ion	Ratio	Lower	Upper
168	100		
99	54.4	49.3	73.9

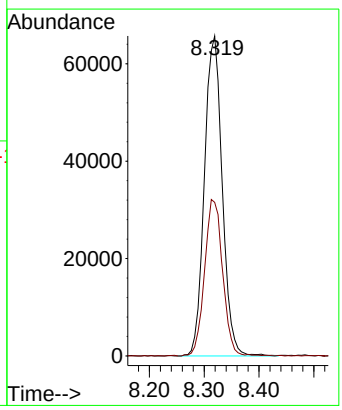


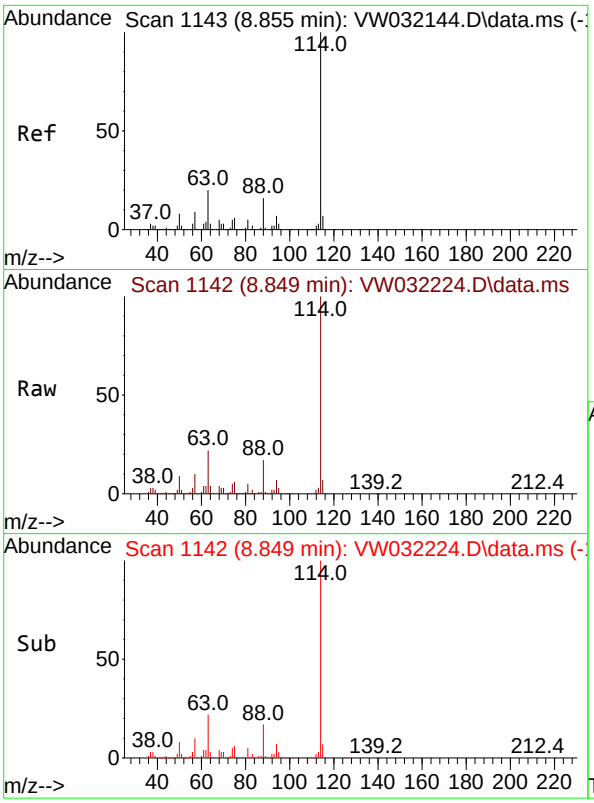


#33
1,2-Dichloroethane-d4
Concen: 65.662 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion: 65 Resp: 148101

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.6



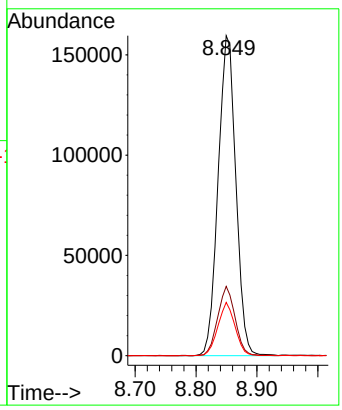


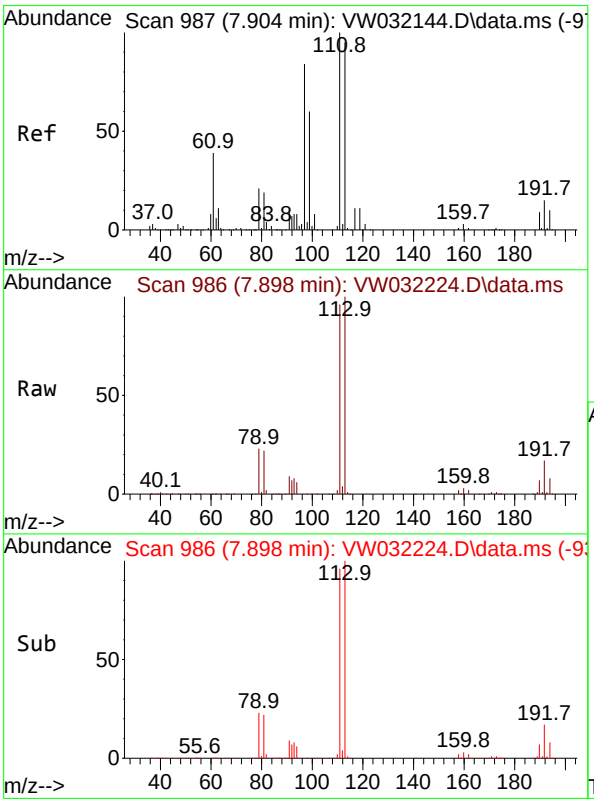
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Tgt Ion:114 Resp: 321952

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.4
88	16.7	0.0	32.0

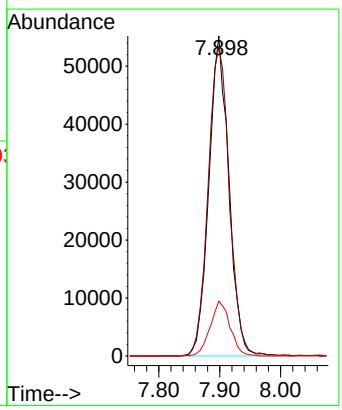


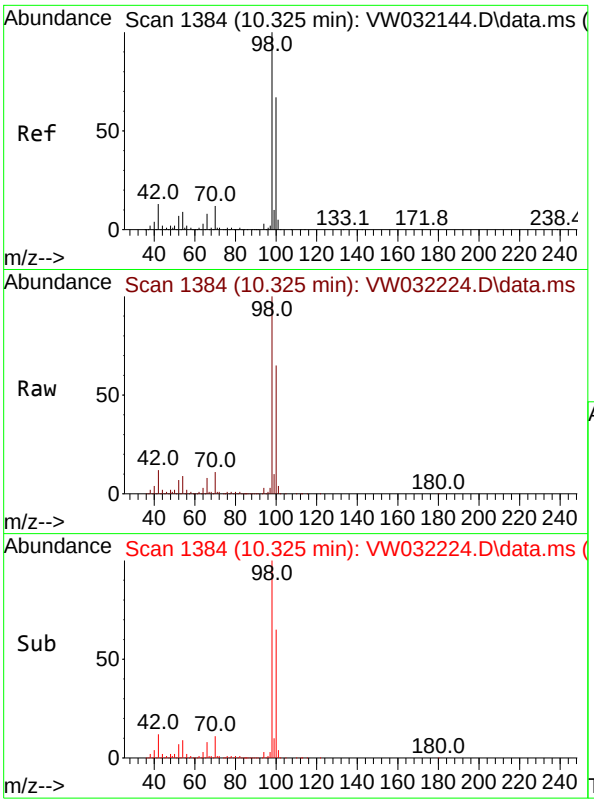


#35
Dibromofluoromethane
Concen: 55.658 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion:113 Resp: 125719

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.9	125.9
192	17.0	14.6	21.8



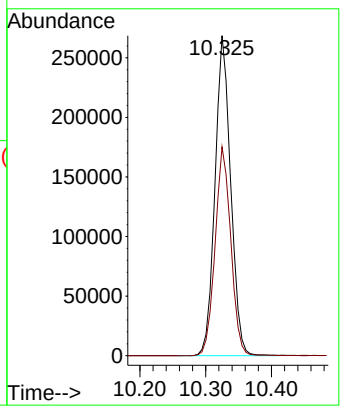


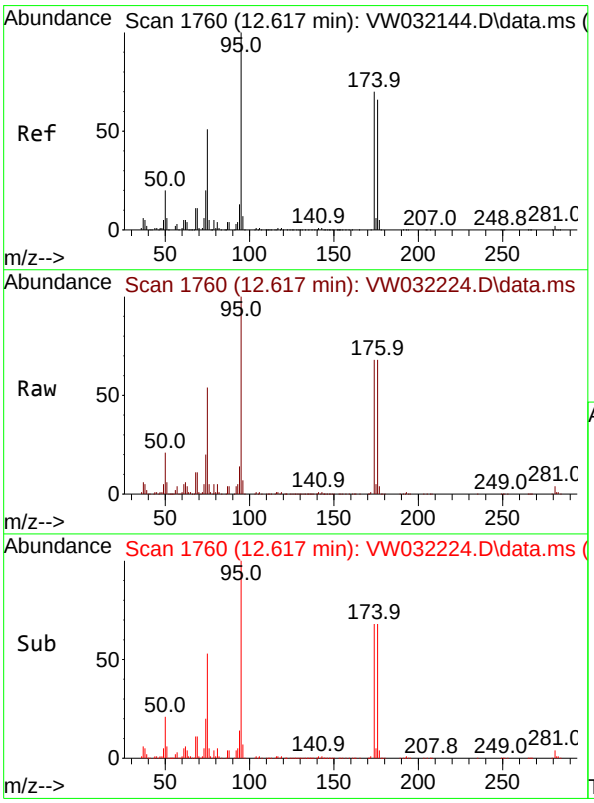
#50
Toluene-d8
Concen: 56.218 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Tgt Ion: 98 Resp: 445779

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.4	77.2

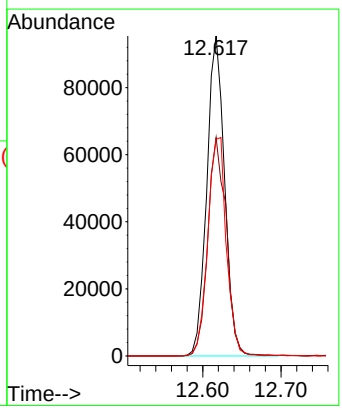


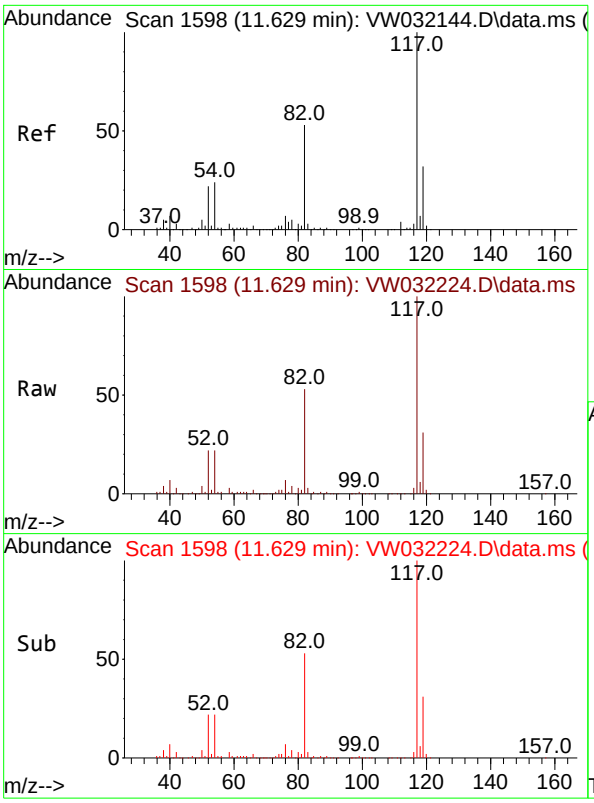


#62
4-Bromofluorobenzene
Concen: 51.274 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion: 95 Resp: 150343

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	145.6
176	71.2	0.0	140.8



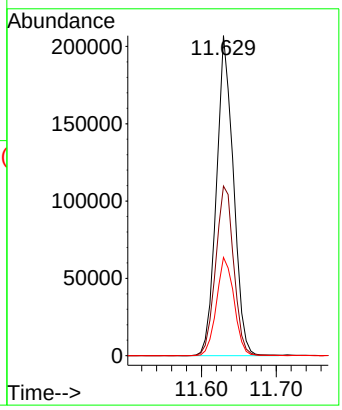


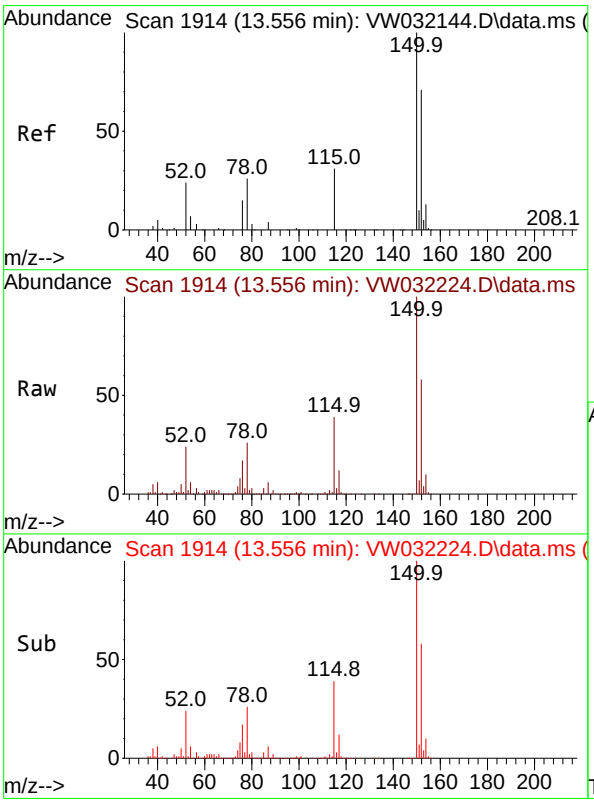
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Tgt Ion:117 Resp: 326905

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.7	64.1
119	30.7	25.2	37.8

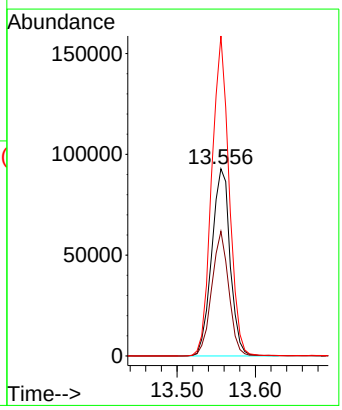




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion:152 Resp: 151656

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.8	95.4
150	161.1	0.0	343.0



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0930SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0930SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032299.D	1	09/30/25 13:25	VW093025

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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0930SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0930SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032299.D	1	09/30/25 13:25	VW093025

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	57.0		63 - 155	114%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	7.959			
540-36-3	1,4-Difluorobenzene	392000	8.849			
3114-55-4	Chlorobenzene-d5	388000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0930SBL01	SDG No.:	Q3150
Lab Sample ID:	VW0930SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032299.D	1	09/30/25 13:25	VW093025

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032299.D
Acq On : 30 Sep 2025 13:25
Operator : SY/MD
Sample : VW0930SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL01

Quant Time: Oct 01 00:52:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

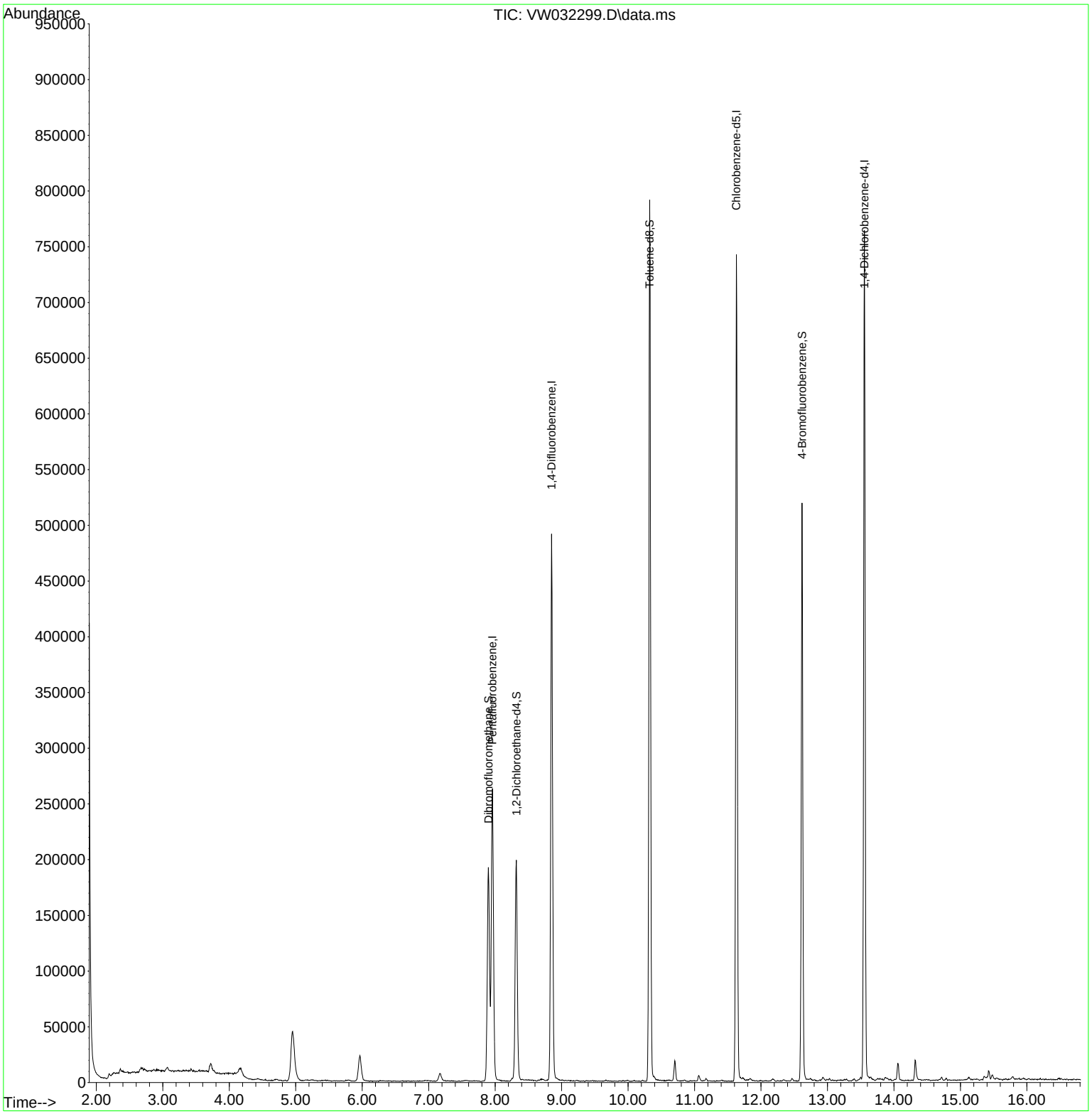
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	181583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	391867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	387829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163409	56.993	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 113.980%			
35) Dibromofluoromethane	7.898	113	141566	50.233	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 100.460%			
50) Toluene-d8	10.325	98	519053	51.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.200%			
62) 4-Bromofluorobenzene	12.617	95	176634	46.105	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 92.200%			
Target Compounds						Qvalue

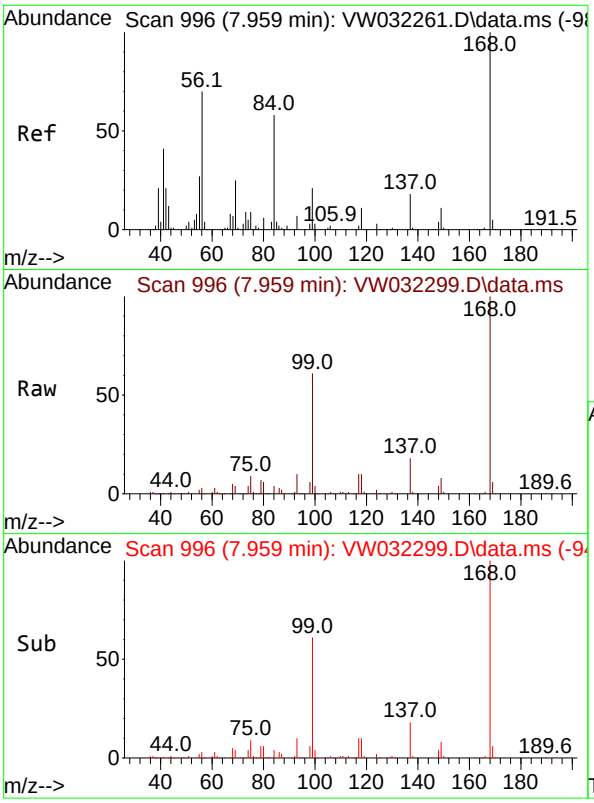
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032299.D
Acq On : 30 Sep 2025 13:25
Operator : SY/MD
Sample : VW0930SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL01

Quant Time: Oct 01 00:52:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration



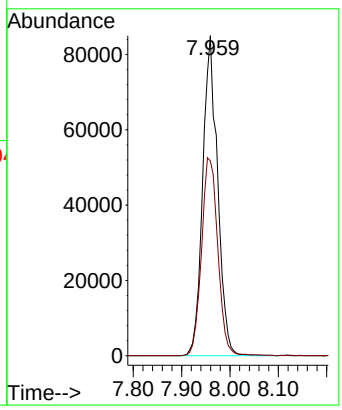


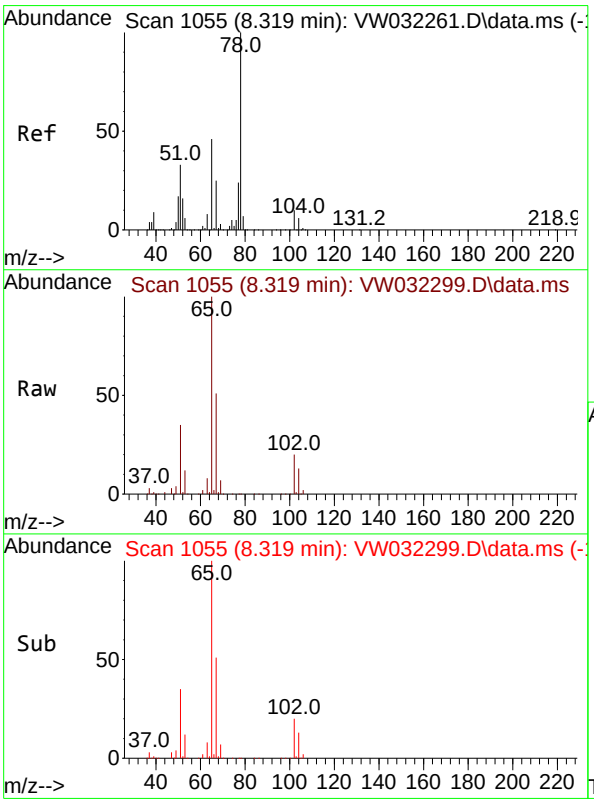
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL01

Tgt Ion:168 Resp: 181583

Ion	Ratio	Lower	Upper
168	100		
99	60.9	55.0	82.4

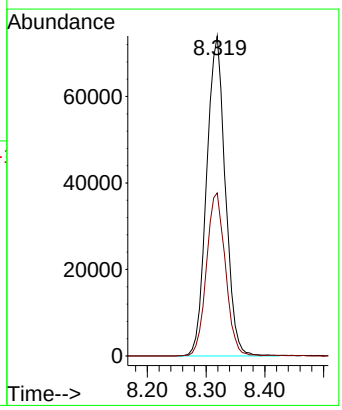


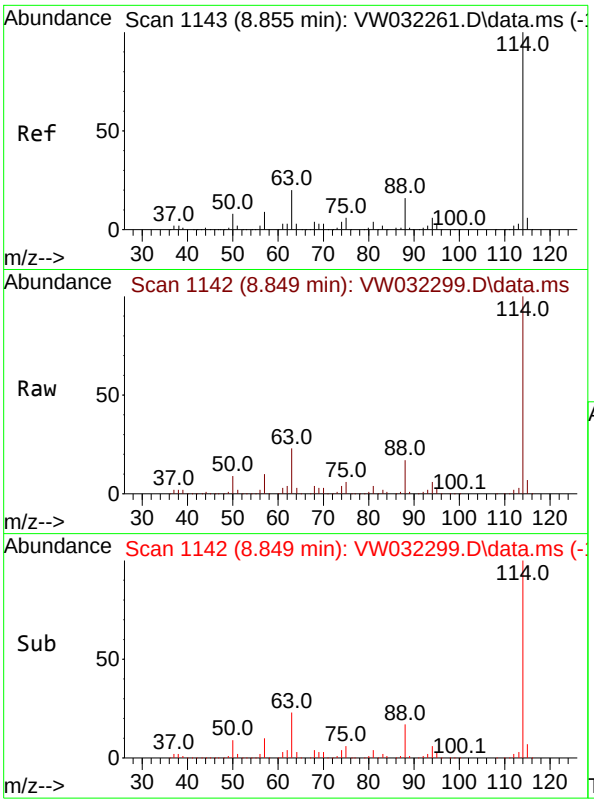


#33
1,2-Dichloroethane-d4
Concen: 56.993 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Tgt Ion: 65 Resp: 163409

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.8



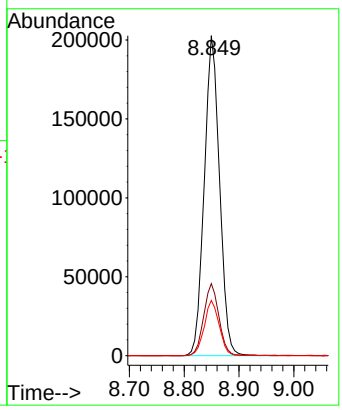


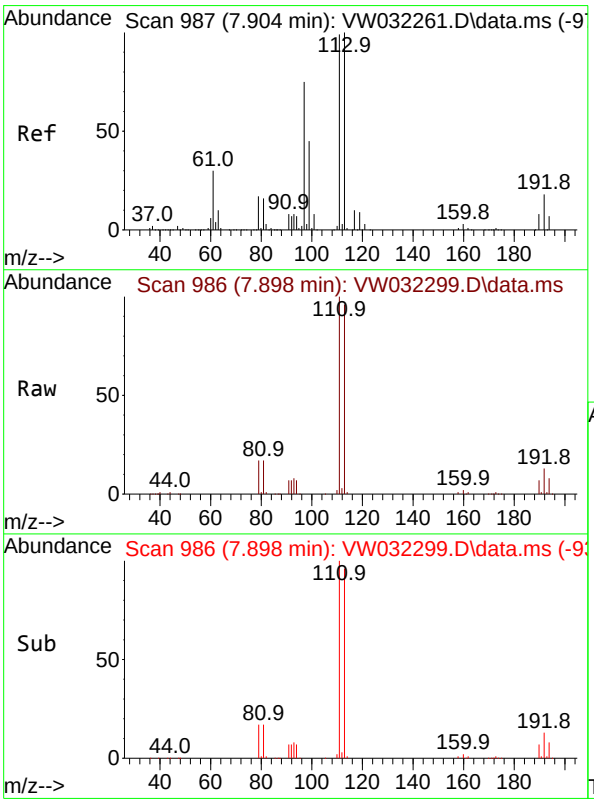
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL01

Tgt Ion:114 Resp: 391867

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	40.2
88	17.3	0.0	32.0

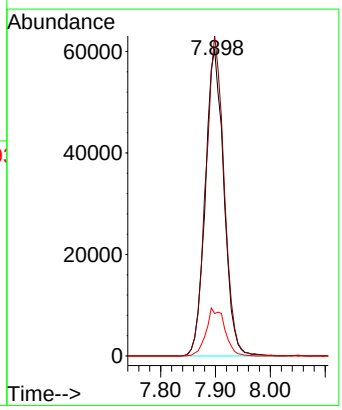


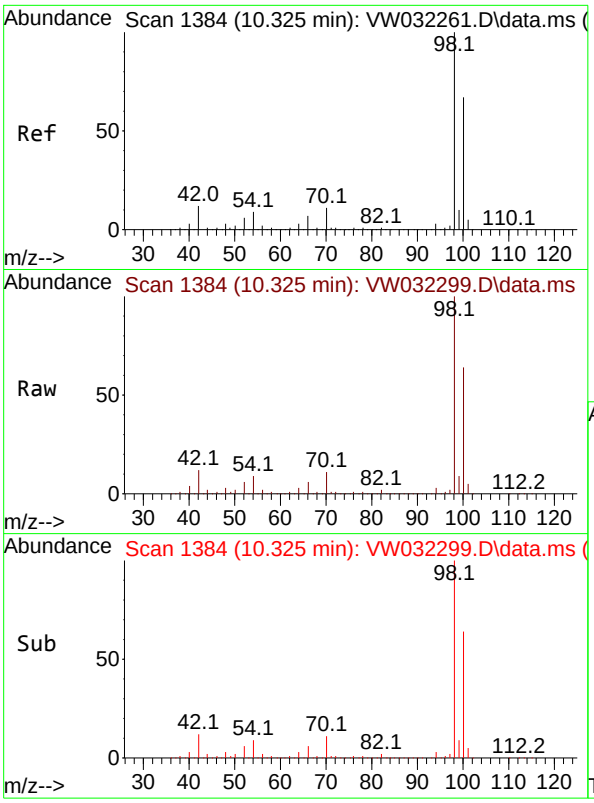


#35
Dibromofluoromethane
Concen: 50.233 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Tgt Ion:113 Resp: 141566

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	15.8	13.0	19.4



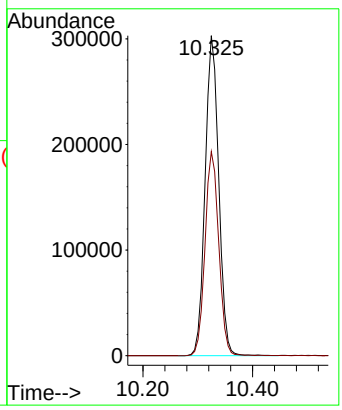


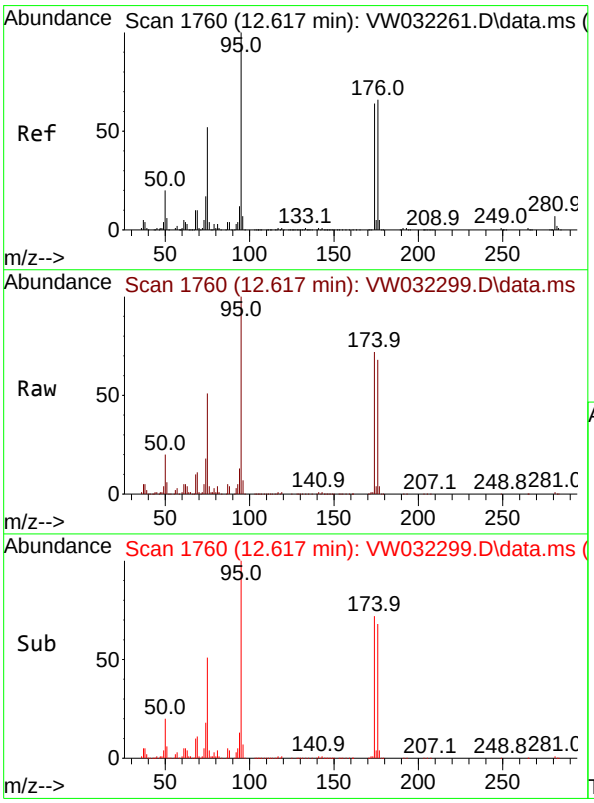
#50
Toluene-d8
Concen: 51.104 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL01

Tgt Ion: 98 Resp: 519053

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.0	79.4

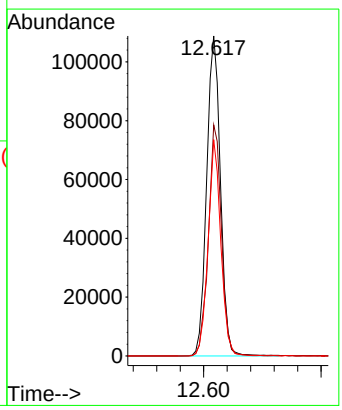


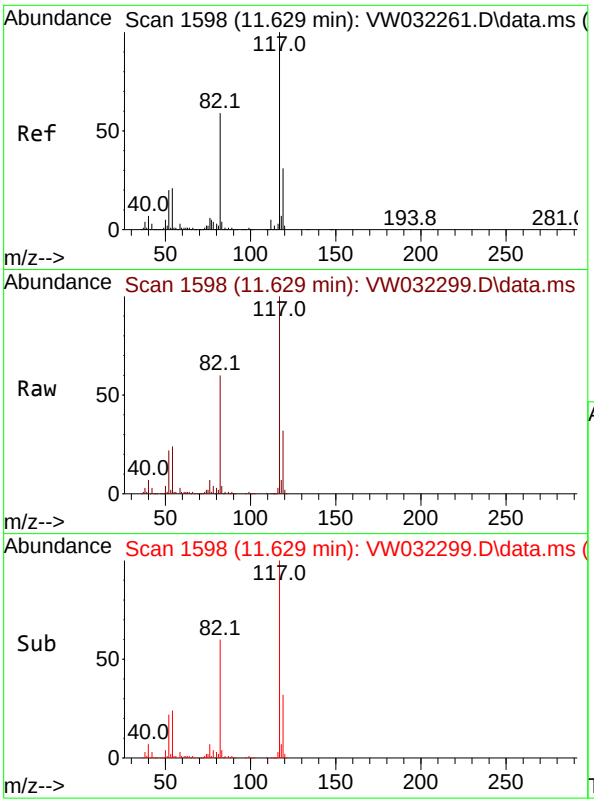


#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Tgt Ion: 95 Resp: 176634

Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	130.6
176	62.6	0.0	127.0



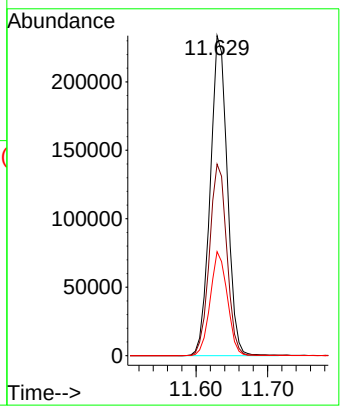


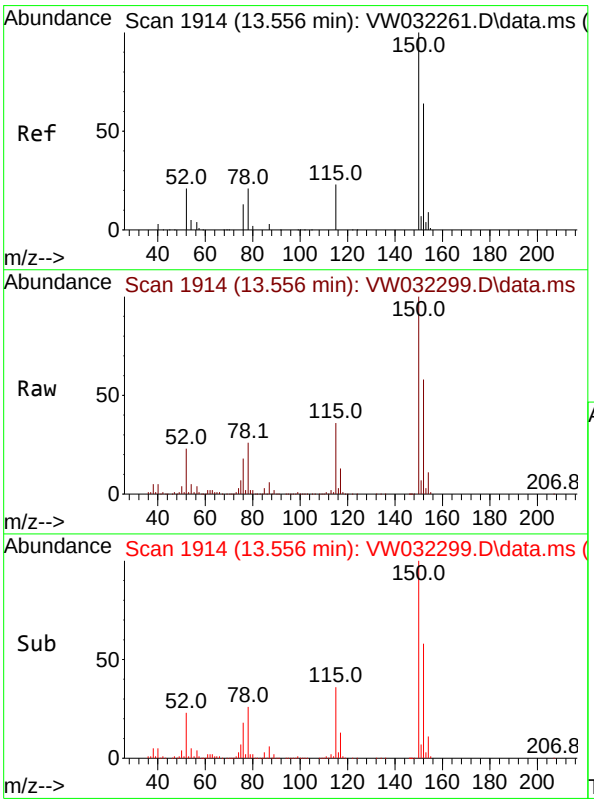
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL01

Tgt Ion:117 Resp: 387829

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.9	70.3
119	32.5	24.9	37.3

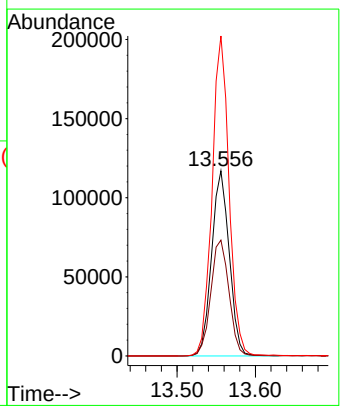




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032299.D
Acq: 30 Sep 2025 13:25

Tgt Ion:152 Resp: 182932

Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.5	97.5
150	166.5	0.0	370.2



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3150
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:	VOCMS Group1
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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3150
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:	VOCMS Group1
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			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3150
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:	VOCMS Group1
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

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

Quantitation Report (QT/LSC Reviewed)

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

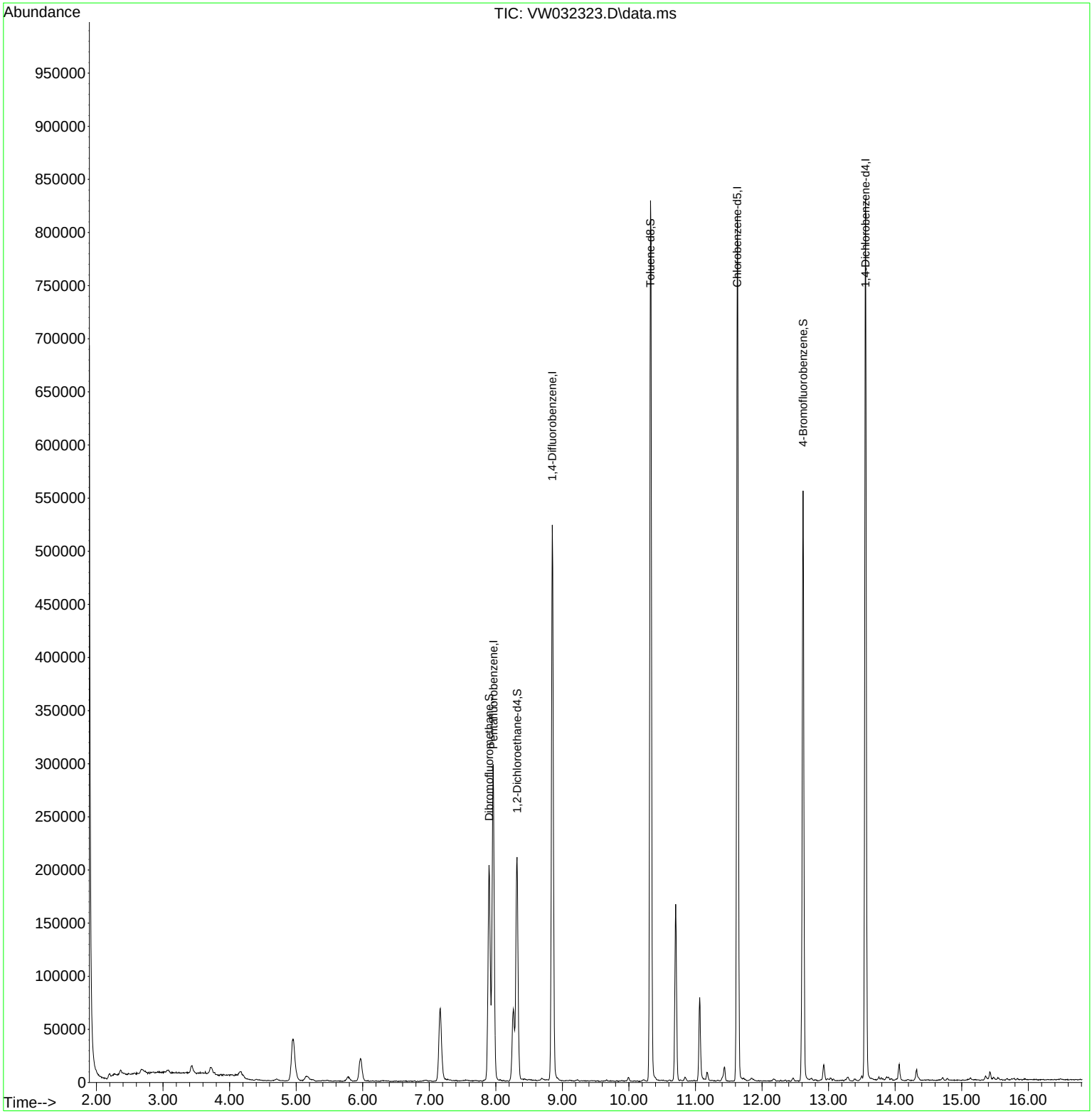
Quant Time: Oct 02 21:33:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

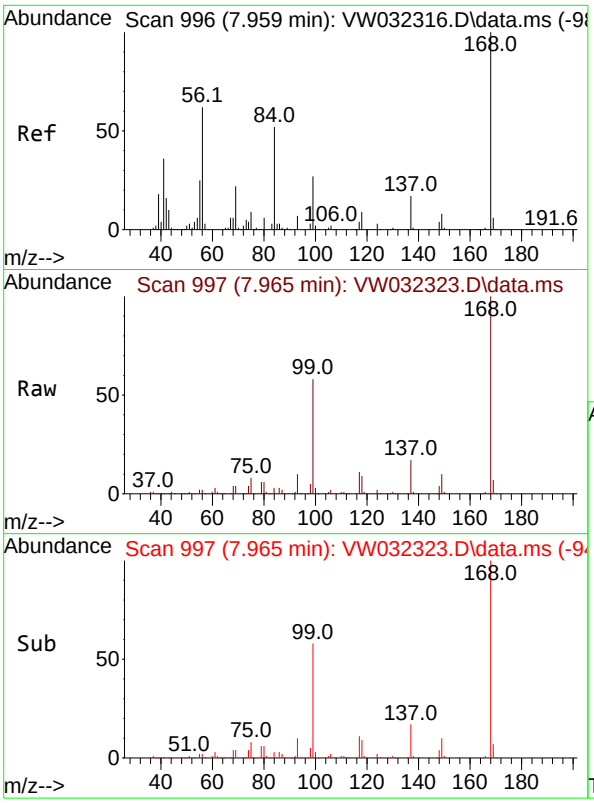
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	200843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	433970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	450698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	204423	50.000	ug/l	0.00
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

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

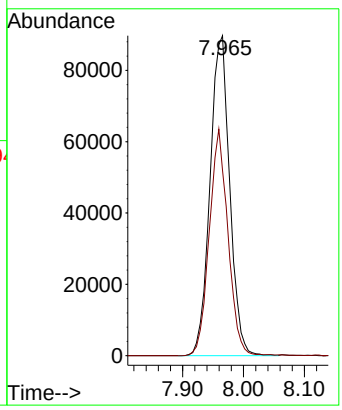


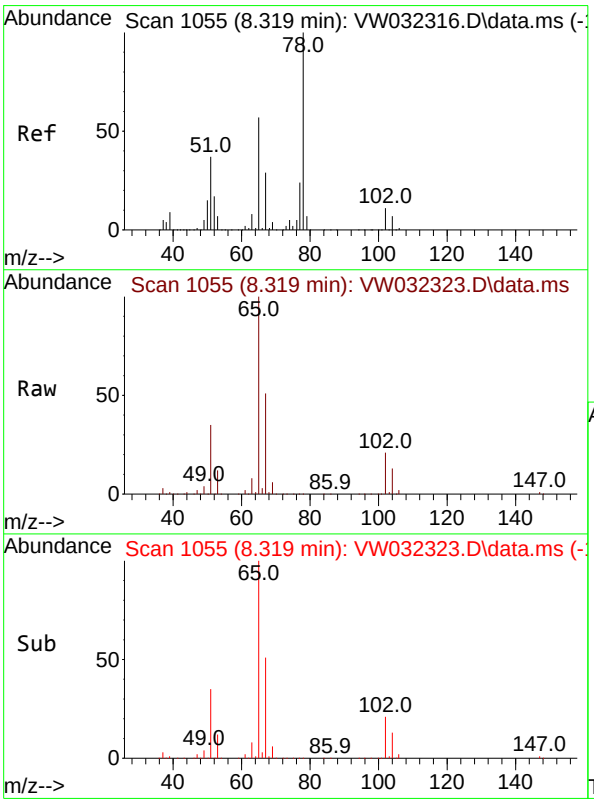


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion:168 Resp: 200843

Ion	Ratio	Lower	Upper
168	100		
99	57.9	49.3	73.9

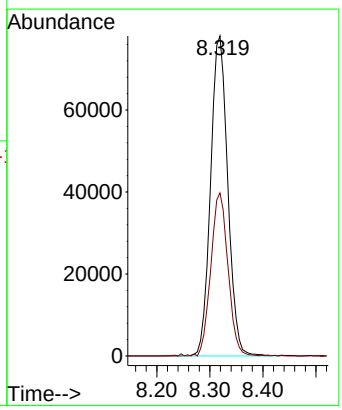


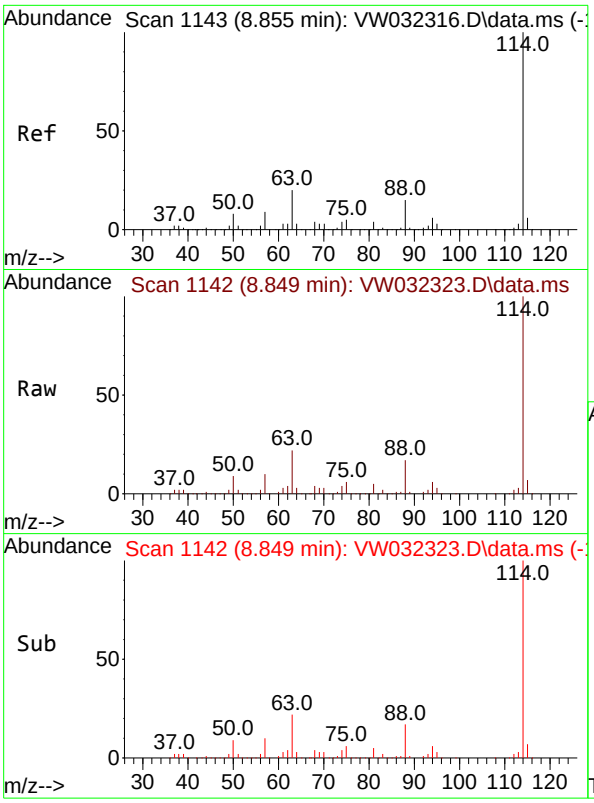


#33
1,2-Dichloroethane-d4
Concen: 59.931 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion: 65 Resp: 175563

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.6

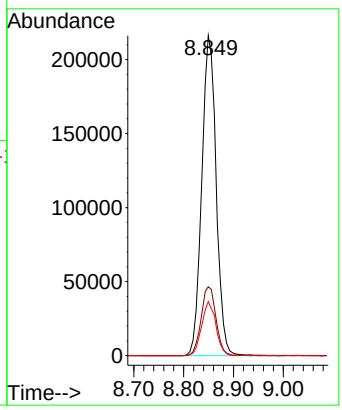


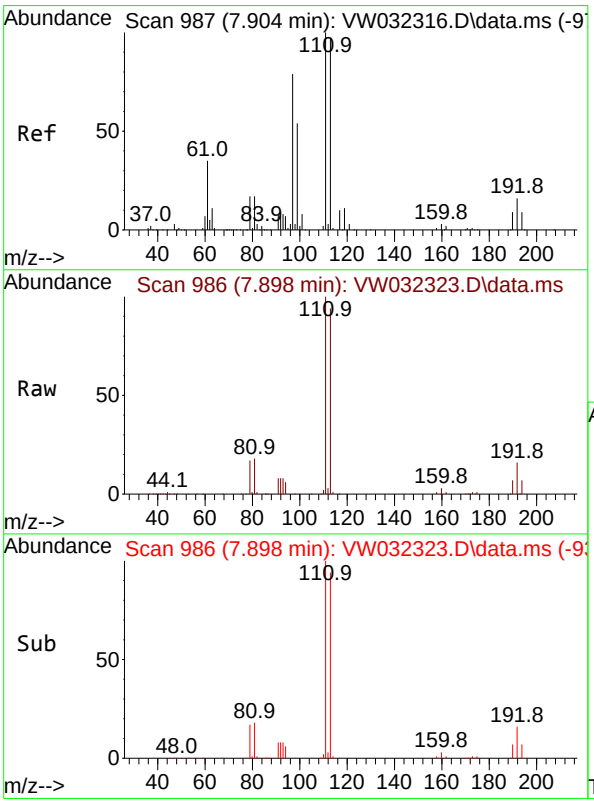


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

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

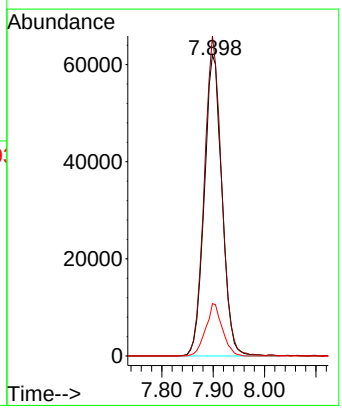


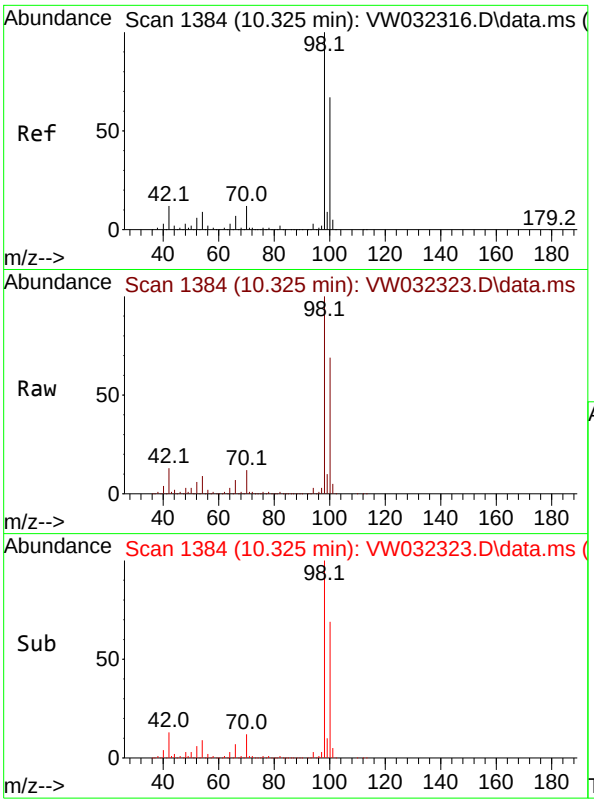


#35
Dibromofluoromethane
Concen: 52.666 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

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

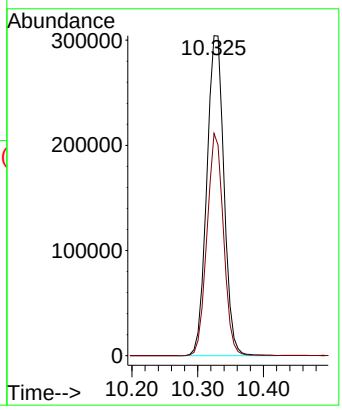


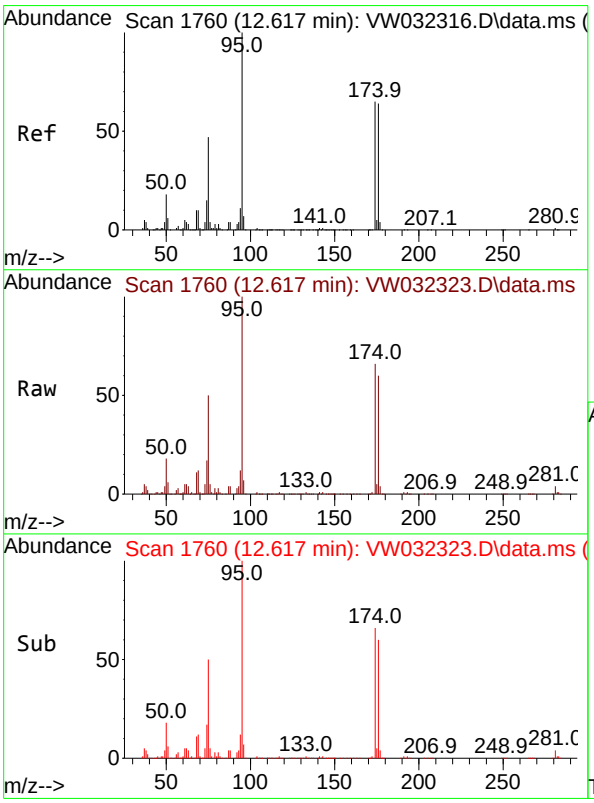


#50
Toluene-d8
Concen: 53.319 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion: 98 Resp: 553065

Ion	Ratio	Lower	Upper
98	100		
100	66.8	51.4	77.2

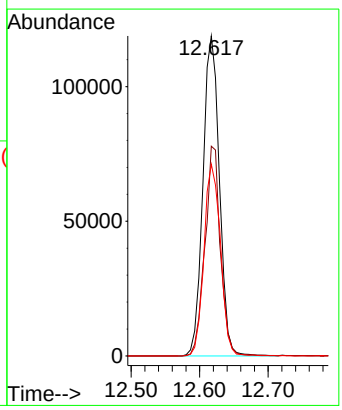


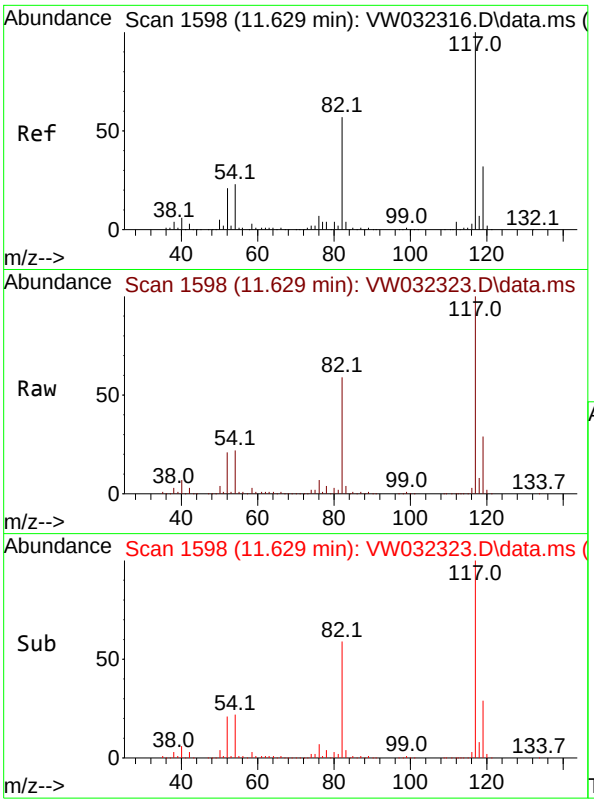


#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

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

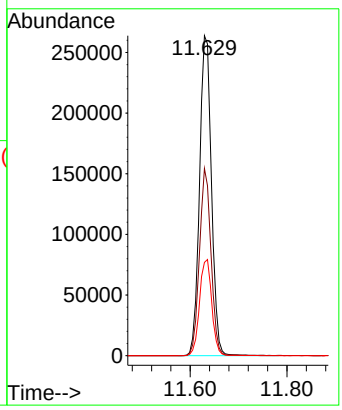


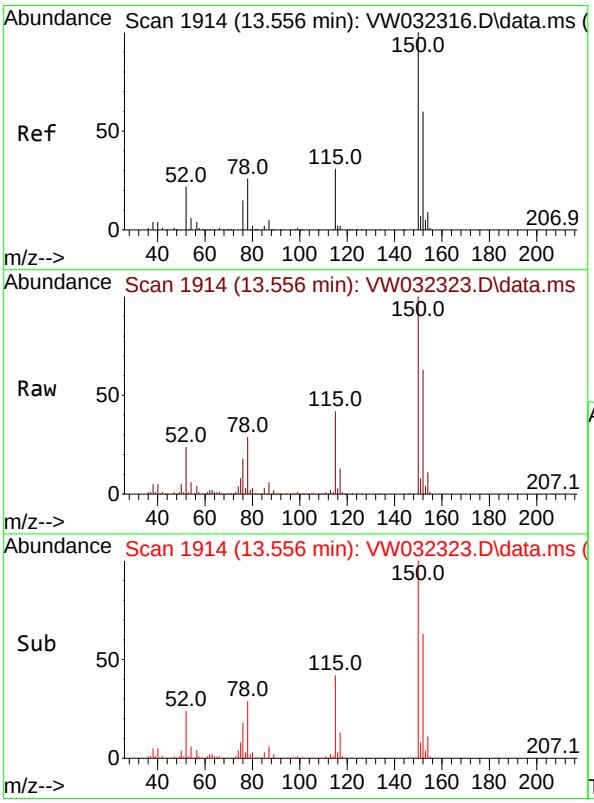


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

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

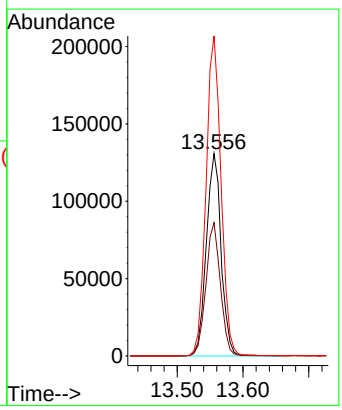




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

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



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.6		1.10	5.00	ug/Kg
74-87-3	Chloromethane	25.0		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	26.2		0.79	5.00	ug/Kg
74-83-9	Bromomethane	25.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	25.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	24.6		1.00	5.00	ug/Kg
67-64-1	Acetone	160		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.0		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.5		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.6		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.6		0.91	5.00	ug/Kg
71-43-2	Benzene	21.4		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.6		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.2		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.2		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.7		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	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.6		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.6		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.1		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	20.7		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.0		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.6		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.9		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.4		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.1		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	52.7		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.959			
540-36-3	1,4-Difluorobenzene	323000	8.849			
3114-55-4	Chlorobenzene-d5	298000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

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

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

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

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

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

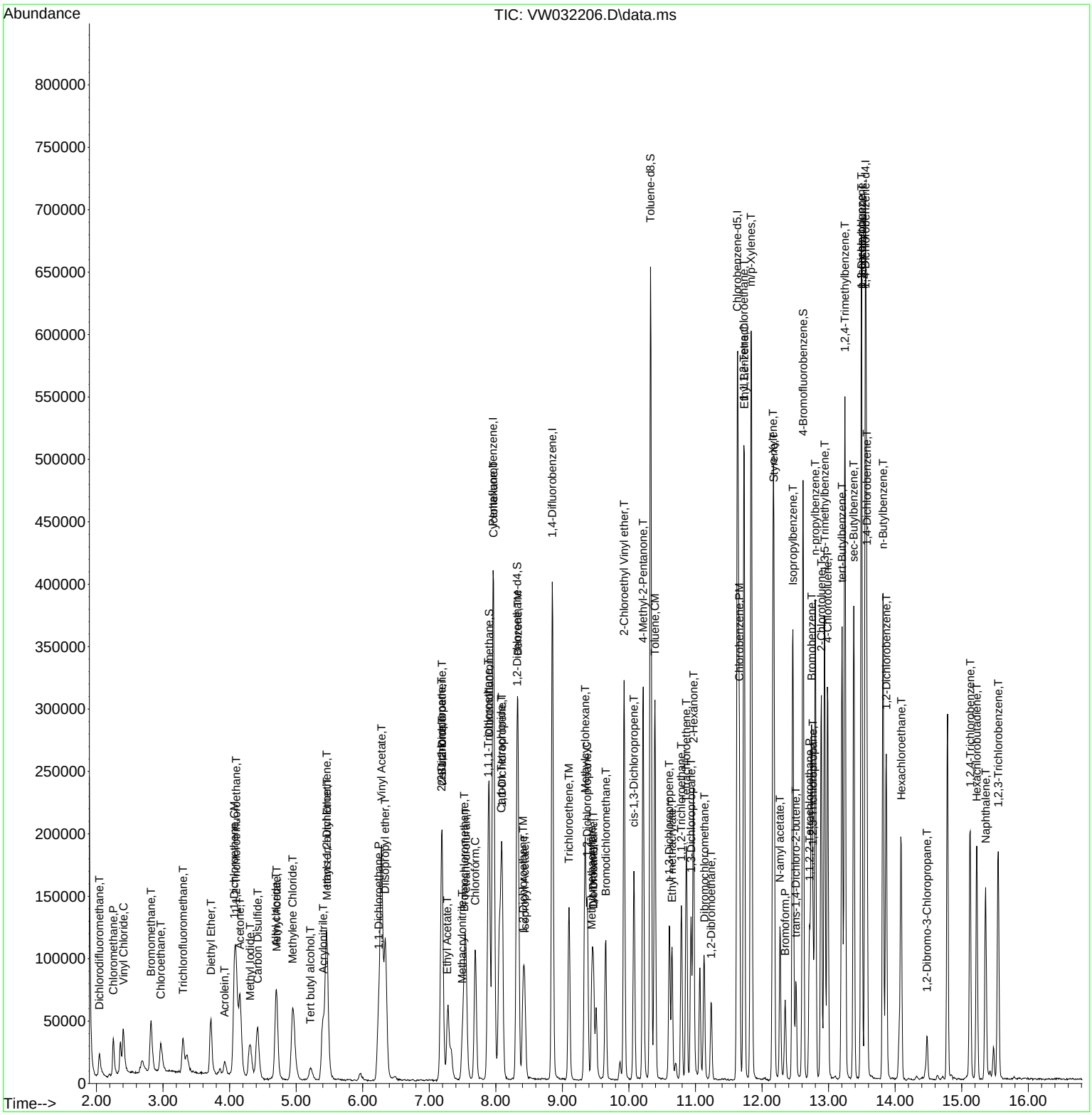
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032206.D
Acq On : 19 Sep 2025 10:35
Operator : SY/MD
Sample : VW0919SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations APPROVED

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



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0922SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0922SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032225.D	1	09/22/25 11:13	VW092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	23.8		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	26.5		0.79	5.00	ug/Kg
74-83-9	Bromomethane	24.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	26.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	23.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.7		1.00	5.00	ug/Kg
67-64-1	Acetone	130		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.2		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.9		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.9		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.7		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	23.1		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	21.7		0.91	5.00	ug/Kg
71-43-2	Benzene	23.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	23.2		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.2		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	22.0		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0922SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0922SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032225.D	1	09/22/25 11:13	VW092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.9		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.4		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	22.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	45.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.9		0.82	5.00	ug/Kg
100-42-5	Styrene	22.9		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	23.0		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.4		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.3		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	50.6		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.959			
540-36-3	1,4-Difluorobenzene	312000	8.849			
3114-55-4	Chlorobenzene-d5	278000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	150000	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0922SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0922SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032225.D	1	09/22/25 11:13	VW092225

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032225.D
Acq On : 22 Sep 2025 11:13
Operator : SY/MD
Sample : VW0922SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Quant Time: Sep 23 10:29:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	187927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	311645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	278316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	149741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133390	49.632	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 99.260%			
35) Dibromofluoromethane	7.898	113	112847	51.611	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.220%			
50) Toluene-d8	10.324	98	388258	50.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.160%			
62) 4-Bromofluorobenzene	12.617	95	140259	49.416	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	28449	22.929	ug/l	99
3) Chloromethane	2.253	50	30897	23.751	ug/l	98
4) Vinyl Chloride	2.405	62	44803	26.516	ug/l	99
5) Bromomethane	2.820	94	36439	24.150	ug/l	99
6) Chloroethane	2.972	64	31263	26.273	ug/l	99
7) Trichlorofluoromethane	3.301	101	32781	19.581	ug/l	85
8) Diethyl Ether	3.722	74	26577	21.273	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	44105	23.386	ug/l	97
10) Methyl Iodide	4.301	142	66325	23.096	ug/l	99
11) Tert butyl alcohol	5.203	59	16844	102.461	ug/l	97
12) 1,1-Dichloroethene	4.076	96	45112	22.713	ug/l	93
13) Acrolein	3.923	56	12309	48.710	ug/l	94
14) Allyl chloride	4.704	41	60707	21.518	ug/l	99
15) Acrylonitrile	5.405	53	65654	108.087	ug/l	98
16) Acetone	4.155	43	74094	127.297	ug/l	98
17) Carbon Disulfide	4.411	76	105274	21.192	ug/l	100
18) Methyl Acetate	4.704	43	40173	21.662	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	82113	21.893	ug/l	99
20) Methylene Chloride	4.947	84	55706	20.770	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	48578	21.894	ug/l	94
22) Diisopropyl ether	6.337	45	135065	21.997	ug/l	96
23) Vinyl Acetate	6.276	43	445676	106.756	ug/l	99
24) 1,1-Dichloroethane	6.246	63	88010	21.894	ug/l	99
25) 2-Butanone	7.191	43	95300	115.544	ug/l	98
26) 2,2-Dichloropropane	7.185	77	48154	22.621	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	58029	21.493	ug/l	99
28) Bromochloromethane	7.526	49	40232	21.863	ug/l	98
29) Tetrahydrofuran	7.544	42	56754	108.283	ug/l	99
30) Chloroform	7.691	83	100842	21.972	ug/l	98
31) Cyclohexane	7.965	56	68291	20.698	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	72198	21.549	ug/l	99
36) 1,1-Dichloropropene	8.093	75	63738	22.483	ug/l	97
37) Ethyl Acetate	7.276	43	38274	22.505	ug/l	98
38) Carbon Tetrachloride	8.081	117	70220	23.106	ug/l	93
39) Methylcyclohexane	9.343	83	72720	21.657	ug/l	98
40) Benzene	8.337	78	203724	23.248	ug/l	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032225.D
Acq On : 22 Sep 2025 11:13
Operator : SY/MD
Sample : VW0922SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Quant Time: Sep 23 10:29:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	21852	23.127	ug/l	#	89
42) 1,2-Dichloroethane	8.410	62	69217	22.785	ug/l		97
43) Isopropyl Acetate	8.435	43	68648	21.517	ug/l		99
44) Trichloroethene	9.099	130	51023	23.153	ug/l		88
45) 1,2-Dichloropropane	9.373	63	47745	22.601	ug/l		99
46) Dibromomethane	9.465	93	34979	23.608	ug/l		94
47) Bromodichloromethane	9.648	83	74758	22.203	ug/l		93
48) Methyl methacrylate	9.440	41	31189	21.213	ug/l		95
49) 1,4-Dioxane	9.459	88	7828	437.268	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.215	43	207549	115.209	ug/l		98
52) Toluene	10.392	92	125831	21.973	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	63823	21.487	ug/l		98
54) cis-1,3-Dichloropropene	10.075	75	75920	22.400	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	42163	21.883	ug/l		96
56) Ethyl methacrylate	10.648	69	50570	20.530	ug/l		99
57) 1,3-Dichloropropane	10.934	76	71180	22.063	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	142908	108.695	ug/l		99
59) 2-Hexanone	10.971	43	146967	117.302	ug/l		96
60) Dibromochloromethane	11.129	129	50939	21.849	ug/l		99
61) 1,2-Dibromoethane	11.239	107	41797	22.060	ug/l		99
64) Tetrachloroethene	10.867	164	41068	22.420	ug/l		94
65) Chlorobenzene	11.660	112	142211	22.449	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	45715	21.919	ug/l		94
67) Ethyl Benzene	11.727	91	234526	22.596	ug/l		96
68) m/p-Xylenes	11.836	106	181059	45.326	ug/l		98
69) o-Xylene	12.166	106	82569	21.853	ug/l		98
70) Styrene	12.178	104	152436	22.886	ug/l		99
71) Bromoform	12.348	173	26276	21.212	ug/l	#	99
73) Isopropylbenzene	12.464	105	213428	20.980	ug/l		100
74) N-amyl acetate	12.269	43	62428	21.137	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.708	83	55501	22.957	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	39564m	21.090	ug/l		
77) Bromobenzene	12.745	156	55551	21.414	ug/l		99
78) n-propylbenzene	12.800	91	274564	22.231	ug/l		97
79) 2-Chlorotoluene	12.891	91	162879	21.566	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	190145	22.077	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	14759	21.183	ug/l		99
82) 4-Chlorotoluene	12.989	91	173833	21.503	ug/l		100
83) tert-Butylbenzene	13.202	119	159402	21.827	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	191894	21.535	ug/l		99
85) sec-Butylbenzene	13.379	105	233605	21.425	ug/l		98
86) p-Isopropyltoluene	13.495	119	196140	21.153	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	114203	21.864	ug/l		100
88) 1,4-Dichlorobenzene	13.574	146	112551	21.497	ug/l		98
89) n-Butylbenzene	13.818	91	188875	21.365	ug/l		97
90) Hexachloroethane	14.086	117	35948	21.195	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	103752	22.435	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	9189	21.515	ug/l		93
93) 1,2,4-Trichlorobenzene	15.128	180	57017	19.297	ug/l		99
94) Hexachlorobutadiene	15.226	225	27502	18.768	ug/l		93
95) Naphthalene	15.360	128	132654	19.838	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	53332	19.409	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032225.D
Acq On : 22 Sep 2025 11:13
Operator : SY/MD
Sample : VW0922SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Quant Time: Sep 23 10:29:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

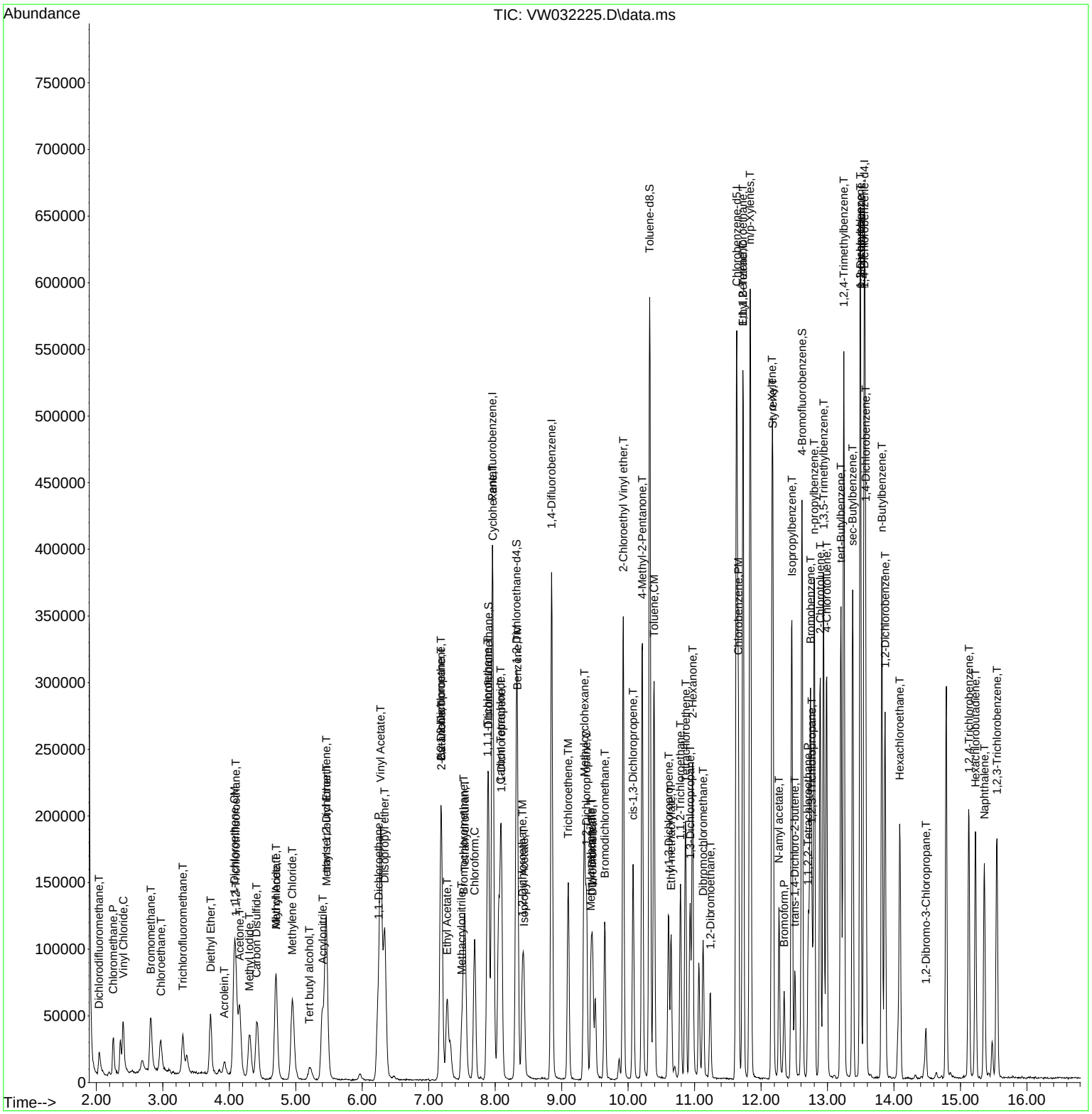
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032225.D
Acq On : 22 Sep 2025 11:13
Operator : SY/MD
Sample : VW0922SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Quant Time: Sep 23 10:29:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0930SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0930SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032300.D	1	09/30/25 13:51	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	21.9		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.4		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.6		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	17.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.2		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.9		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.2		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.6		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.3		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.9		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.2		0.91	5.00	ug/Kg
71-43-2	Benzene	20.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.6		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0930SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0930SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032300.D	1	09/30/25 13:51	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.3		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.4		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.2		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.5		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.4		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	21.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.6		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	49.9		63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	46.7		70 - 134	93%	SPK: 50
2037-26-5	Toluene-d8	46.7		74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	217000	7.965			
540-36-3	1,4-Difluorobenzene	424000	8.849			
3114-55-4	Chlorobenzene-d5	400000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0930SBS01	SDG No.:	Q3150
Lab Sample ID:	VW0930SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032300.D	1	09/30/25 13:51	VW093025

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032300.D
Acq On : 30 Sep 2025 13:51
Operator : SY/MD
Sample : VW0930SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBS01

Manual Integrations APPROVED

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

Quant Time: Oct 01 00:52:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	217107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	424498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	400367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	206719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	171101	49.912	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	99.820%		
35) Dibromofluoromethane	7.898	113	142591	46.707	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	93.420%		
50) Toluene-d8	10.325	98	513278	46.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	93.300%		
62) 4-Bromofluorobenzene	12.617	95	193357	46.590	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	93.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	32317	21.545	ug/l	96
3) Chloromethane	2.253	50	46917	21.856	ug/l	91
4) Vinyl Chloride	2.399	62	56151	22.388	ug/l	95
5) Bromomethane	2.814	94	39047	22.799	ug/l	96
6) Chloroethane	2.966	64	36649	21.564	ug/l	100
7) Trichlorofluoromethane	3.302	101	33180	17.557	ug/l	97
8) Diethyl Ether	3.722	74	38280	21.422	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	51158	21.208	ug/l	98
10) Methyl Iodide	4.301	142	72553	22.238	ug/l	99
11) Tert butyl alcohol	5.216	59	29760	125.064	ug/l #	85
12) 1,1-Dichloroethene	4.076	96	56597	21.949	ug/l	98
13) Acrolein	3.936	56	36984	87.323	ug/l	97
14) Allyl chloride	4.698	41	88952	22.228	ug/l	99
15) Acrylonitrile	5.405	53	102289	111.146	ug/l	97
16) Acetone	4.155	43	96955	110.129	ug/l	98
17) Carbon Disulfide	4.423	76	128947	21.750	ug/l	100
18) Methyl Acetate	4.710	43	66026	21.806	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	108064	22.609	ug/l	99
20) Methylene Chloride	4.948	84	78589	20.210	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	60594	21.793	ug/l	91
22) Diisopropyl ether	6.338	45	201564	22.668	ug/l	95
23) Vinyl Acetate	6.283	43	640056	111.889	ug/l	98
24) 1,1-Dichloroethane	6.240	63	122456	21.815	ug/l	98
25) 2-Butanone	7.191	43	137593	112.128	ug/l	97
26) 2,2-Dichloropropane	7.185	77	57072	20.633	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	74491	21.540	ug/l	98
28) Bromochloromethane	7.526	49	58717	21.921	ug/l #	98
29) Tetrahydrofuran	7.551	42	87782	110.190	ug/l	97
30) Chloroform	7.691	83	127270	21.730	ug/l	100
31) Cyclohexane	7.965	56	91180	20.600	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	86401	21.898	ug/l	100
36) 1,1-Dichloropropene	8.093	75	82800	20.117	ug/l	99
37) Ethyl Acetate	7.277	43	56323	20.633	ug/l	99
38) Carbon Tetrachloride	8.081	117	78595	20.297	ug/l	98
39) Methylcyclohexane	9.343	83	91606	19.235	ug/l	95
40) Benzene	8.337	78	265801	20.516	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032300.D
Acq On : 30 Sep 2025 13:51
Operator : SY/MD
Sample : VW0930SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 01 00:52:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBS01

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	30237	19.341	ug/l		97
42) 1,2-Dichloroethane	8.410	62	88787	20.618	ug/l		100
43) Isopropyl Acetate	8.435	43	102367	20.949	ug/l		98
44) Trichloroethene	9.099	130	61945	20.456	ug/l		91
45) 1,2-Dichloropropane	9.374	63	68627	20.452	ug/l		99
46) Dibromomethane	9.465	93	40961	19.855	ug/l		98
47) Bromodichloromethane	9.648	83	95521	20.301	ug/l		98
48) Methyl methacrylate	9.441	41	48650	21.163	ug/l		99
49) 1,4-Dioxane	9.459	88	10743	388.818	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.215	43	302045	104.255	ug/l		98
52) Toluene	10.392	92	165196	20.573	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	88266	20.474	ug/l		99
54) cis-1,3-Dichloropropene	10.075	75	100883	20.270	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	57572	20.445	ug/l		97
56) Ethyl methacrylate	10.648	69	74646	20.124	ug/l		99
57) 1,3-Dichloropropane	10.934	76	100952	20.752	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	206010	101.174	ug/l		100
59) 2-Hexanone	10.971	43	209711	105.997	ug/l		97
60) Dibromochloromethane	11.129	129	61887	20.011	ug/l		97
61) 1,2-Dibromoethane	11.233	107	53988	20.237	ug/l		97
64) Tetrachloroethene	10.861	164	51942	21.289	ug/l		93
65) Chlorobenzene	11.660	112	188722	20.464	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	59658	20.455	ug/l		98
67) Ethyl Benzene	11.733	91	302232	20.022	ug/l		99
68) m/p-Xylenes	11.837	106	239515	41.392	ug/l		97
69) o-Xylene	12.166	106	110318	20.286	ug/l		98
70) Styrene	12.178	104	200334	21.007	ug/l		100
71) Bromoform	12.349	173	32178	18.932	ug/l	#	95
73) Isopropylbenzene	12.465	105	279227	19.407	ug/l		100
74) N-amyl acetate	12.270	43	90017	19.867	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	74693	19.800	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	55630m	19.561	ug/l		
77) Bromobenzene	12.745	156	69347	19.596	ug/l		89
78) n-propylbenzene	12.800	91	352235	19.490	ug/l		100
79) 2-Chlorotoluene	12.891	91	220158	20.110	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	248065	20.166	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.507	75	20023	18.287	ug/l		93
82) 4-Chlorotoluene	12.983	91	230598	19.930	ug/l		99
83) tert-Butylbenzene	13.202	119	198391	19.284	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	251417	20.130	ug/l		99
85) sec-Butylbenzene	13.379	105	304113	19.685	ug/l		99
86) p-Isopropyltoluene	13.495	119	254644	19.903	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	145063	20.723	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	141131	19.735	ug/l		98
89) n-Butylbenzene	13.818	91	248350	19.342	ug/l		99
90) Hexachloroethane	14.086	117	45381	19.031	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	129580	19.788	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	12672	19.639	ug/l		95
93) 1,2,4-Trichlorobenzene	15.123	180	75989	19.560	ug/l		97
94) Hexachlorobutadiene	15.226	225	36478	20.445	ug/l		85
95) Naphthalene	15.360	128	176967	18.980	ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	71958	19.921	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032300.D
Acq On : 30 Sep 2025 13:51
Operator : SY/MD
Sample : VW0930SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBS01

Manual Integrations APPROVED

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

Quant Time: Oct 01 00:52:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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

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

Quantitation Report (QT Reviewed)

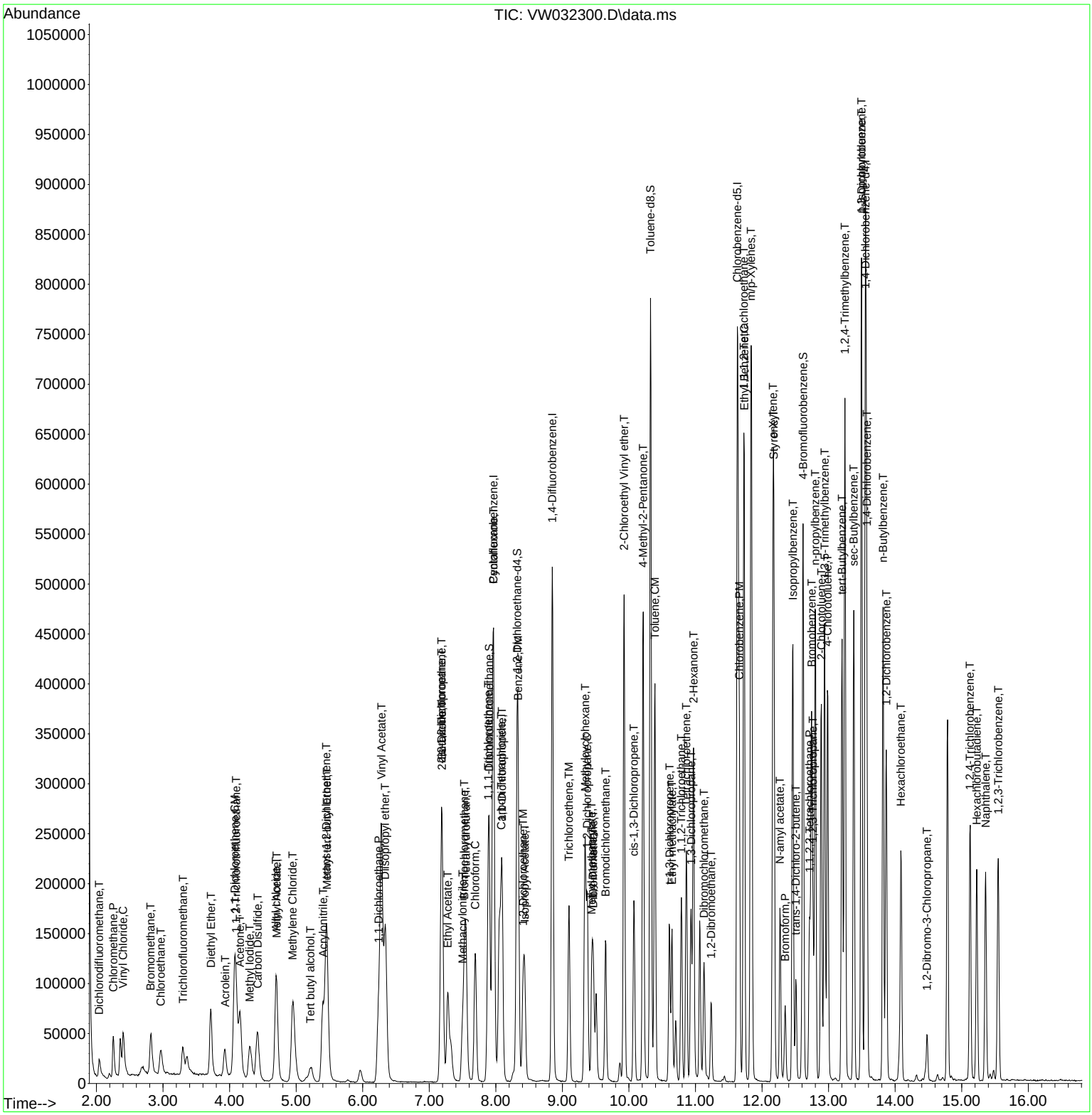
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032300.D
Acq On : 30 Sep 2025 13:51
Operator : SY/MD
Sample : VW0930SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 01 00:52:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBS01

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3150
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:	VOCMS Group1
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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3150
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:	VOCMS Group1
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			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3150
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:	VOCMS Group1
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

Quantitation Report (QT Reviewed)

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

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

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

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

Quantitation Report (QT Reviewed)

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

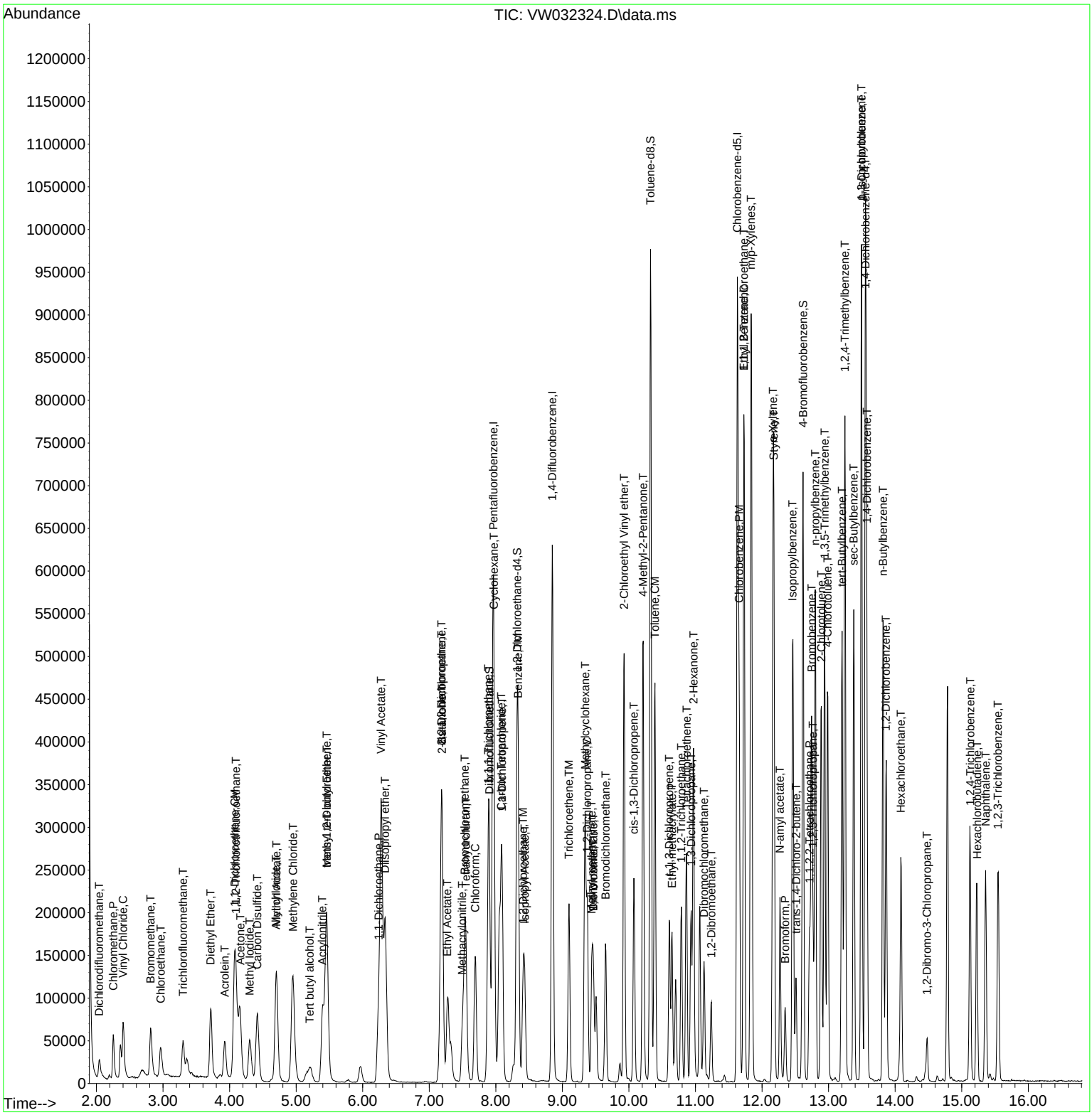
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

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



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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBSD01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	25.6		1.10	5.00	ug/Kg
74-87-3	Chloromethane	27.0		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	27.4		0.79	5.00	ug/Kg
74-83-9	Bromomethane	26.6		1.10	5.00	ug/Kg
75-00-3	Chloroethane	28.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	25.4		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	24.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	25.3		1.00	5.00	ug/Kg
67-64-1	Acetone	150		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.0		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.0		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	22.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	23.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	22.1		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	23.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	23.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	21.5		0.91	5.00	ug/Kg
71-43-2	Benzene	22.6		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	23.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	22.3		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.9		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.5		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	21.9		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBSD01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.7		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.1		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.0		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.6		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.1		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	45.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.7		0.82	5.00	ug/Kg
100-42-5	Styrene	21.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.8		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	22.4		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.4		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.2		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	22.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.3		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	180000	7.959			
540-36-3	1,4-Difluorobenzene	317000	8.855			
3114-55-4	Chlorobenzene-d5	296000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.556			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VW0919SBSD01	SDG No.:	Q3150
Lab Sample ID:	VW0919SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

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

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

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

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

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

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

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

Quantitation Report (QT Reviewed)

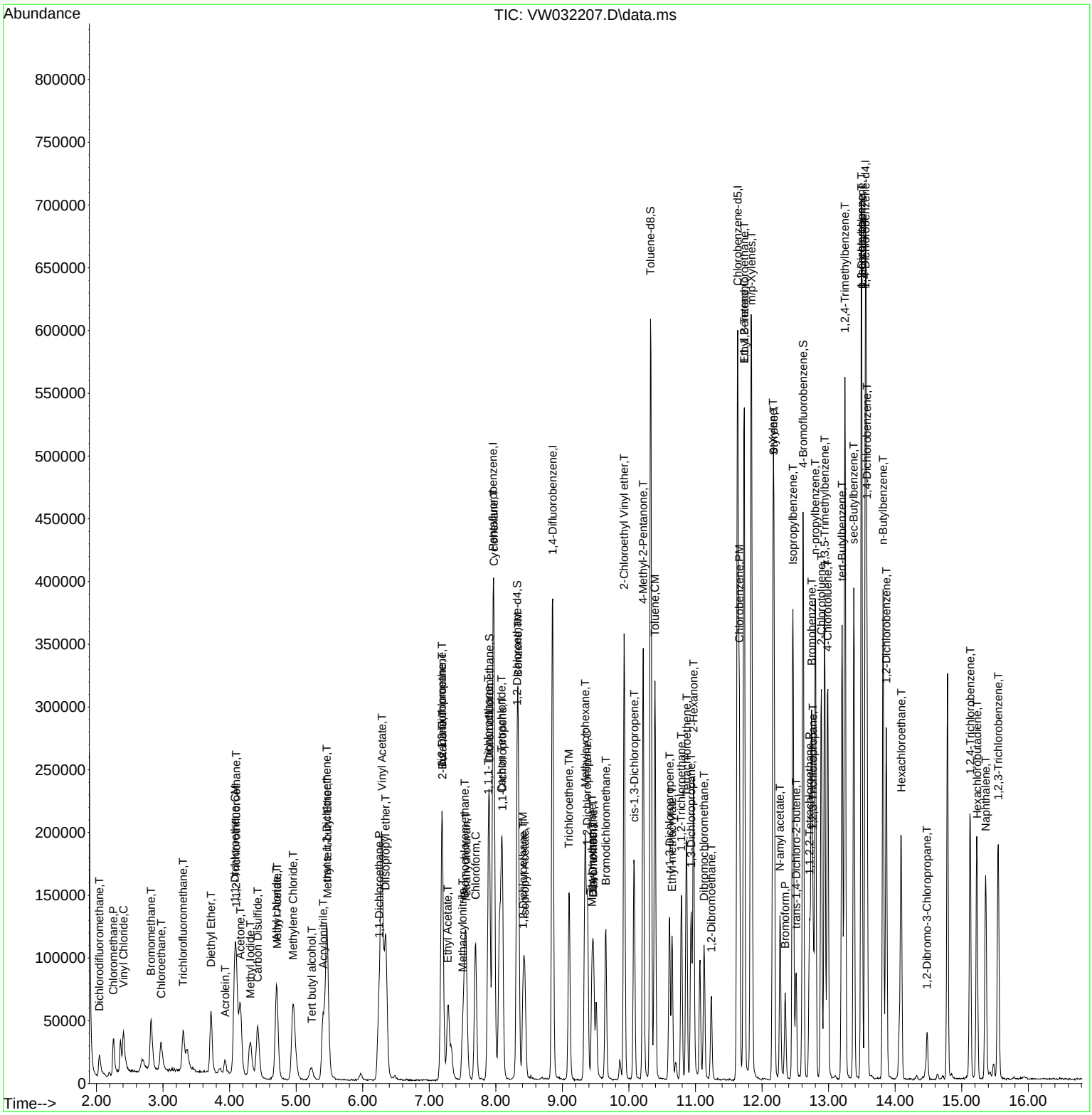
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032207.D
Acq On : 19 Sep 2025 10:57
Operator : SY/MD
Sample : VW0919SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations APPROVED

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



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

Manual Integration Report

Sequence:	VW082625	Instrument	MSVOA_w

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

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

Manual Integration Report

Sequence:	VW091925	Instrument	MSVOA_w

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

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

Manual Integration Report

Sequence:	VW092225	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032223.D	1,2,3-Trichloropropane	MMDadoda	9/24/2025 2:18:32 AM	sam	9/25/2025 2:10:15 AM	Peak Integrated by Software
VW0922SBS01	VW032225.D	1,2,3-Trichloropropane	MMDadoda	9/24/2025 2:18:33 AM	sam	9/25/2025 2:10:25 AM	Peak Integrated by Software
VSTDCCC050	VW032232.D	1,2,3-Trichloropropane	MMDadoda	9/24/2025 2:18:36 AM	sam	9/25/2025 2:10:40 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW092525	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032258.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:23 AM	sam	9/29/2025 1:04:57 AM	Peak Integrated by Software
VSTDICC010	VW032259.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:28 AM	sam	9/29/2025 1:05:07 AM	Peak Integrated by Software
VSTDICC020	VW032260.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:34 AM	sam	9/29/2025 1:05:14 AM	Peak Integrated by Software
VSTDICCC050	VW032261.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:41 AM	sam	9/29/2025 1:05:24 AM	Peak Integrated by Software
VSTDICC100	VW032262.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:48 AM	sam	9/29/2025 1:05:28 AM	Peak Integrated by Software
VSTDICC150	VW032263.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:53 AM	sam	9/29/2025 1:05:38 AM	Peak Integrated by Software
VSTDICV050	VW032265.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:58 AM	sam	9/29/2025 1:05:42 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW093025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032298.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:25:25 AM	SAM	10/3/2025 2:30:09 AM	Peak Integrated by Software
VW0930SBS01	VW032300.D	1,2,3-Trichloropropane	MMDadoda	10/3/2025 2:25:27 AM	SAM	10/3/2025 2:30:11 AM	Peak Integrated by Software

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

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW082625

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

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

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

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW091925

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

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

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

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:46 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:23:54 AM				
SubDirectory	VW092225	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135564
Initial Calibration Stds	
CCC	VP135562,VP135563
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	VW032222.D	22 Sep 2025 08:04	SY/MD	Ok
2	VSTDCCC050	VW032223.D	22 Sep 2025 08:47	SY/MD	Ok,M
3	VW0922SBL01	VW032224.D	22 Sep 2025 10:27	SY/MD	Ok
4	VW0922SBS01	VW032225.D	22 Sep 2025 11:13	SY/MD	Ok,M
5	VW0922SBSD01	VW032226.D	22 Sep 2025 11:35	SY/MD	Ok,M
6	Q3150-02RE	VW032227.D	22 Sep 2025 12:11	SY/MD	Confirms
7	Q3157-01	VW032228.D	22 Sep 2025 12:33	SY/MD	Ok
8	Q3159-01	VW032229.D	22 Sep 2025 12:55	SY/MD	Ok
9	Q3159-03	VW032230.D	22 Sep 2025 13:18	SY/MD	Ok
10	VIBLK	VW032231.D	22 Sep 2025 15:49	SY/MD	Ok
11	VSTDCCC050	VW032232.D	22 Sep 2025 16:11	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 # VW092525

Review By	Mahesh Dadoda	Review On	9/29/2025 1:07:01 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:07:30 AM				
SubDirectory	VW092525	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135637
Initial Calibration Stds	VP135638,VP135639,VP135641,VP135642,VP135643,VP135644
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135645
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032257.D	25 Sep 2025 10:01	SY/MD	Ok
2	VSTDICC005	VW032258.D	25 Sep 2025 10:45	SY/MD	Ok,M
3	VSTDICC010	VW032259.D	25 Sep 2025 11:30	SY/MD	Ok,M
4	VSTDICC020	VW032260.D	25 Sep 2025 11:52	SY/MD	Ok,M
5	VSTDICCC050	VW032261.D	25 Sep 2025 12:24	SY/MD	Ok,M
6	VSTDICC100	VW032262.D	25 Sep 2025 12:46	SY/MD	Ok,M
7	VSTDICC150	VW032263.D	25 Sep 2025 13:08	SY/MD	Ok,M
8	VIBLK	VW032264.D	25 Sep 2025 13:46	SY/MD	Ok
9	VSTDICV050	VW032265.D	25 Sep 2025 14:41	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 # VW093025

Review By	Mahesh Dadoda	Review On	10/3/2025 2:25:38 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	10/3/2025 2:30:21 AM				
SubDirectory	VW093025	HP Acquire Method	MSVOA_W		HP Processing Method	82w092525s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135700
Initial Calibration Stds	
CCC	VP135701,VP135702
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	VW032297.D	30 Sep 2025 10:43	SY/MD	Ok
2	VSTDCCC050	VW032298.D	30 Sep 2025 12:54	SY/MD	Ok,M
3	VW0930SBL01	VW032299.D	30 Sep 2025 13:25	SY/MD	Ok
4	VW0930SBS01	VW032300.D	30 Sep 2025 13:51	SY/MD	Ok,M
5	VW0930SBSD01	VW032301.D	30 Sep 2025 14:14	SY/MD	Ok,M
6	Q3238-01RE	VW032302.D	30 Sep 2025 14:52	SY/MD	Confirms
7	Q3150-04	VW032303.D	30 Sep 2025 15:14	SY/MD	ReRun
8	Q3253-01	VW032304.D	30 Sep 2025 15:36	SY/MD	Ok
9	Q3245-02	VW032305.D	30 Sep 2025 15:57	SY/MD	Ok
10	Q3245-10	VW032306.D	30 Sep 2025 16:19	SY/MD	Ok
11	Q3245-18	VW032307.D	30 Sep 2025 16:41	SY/MD	Ok
12	Q3240-01	VW032308.D	30 Sep 2025 17:04	SY/MD	Ok
13	Q3256-03	VW032309.D	30 Sep 2025 17:26	SY/MD	Ok
14	Q3256-07	VW032310.D	30 Sep 2025 17:48	SY/MD	Ok
15	VIBLK	VW032311.D	30 Sep 2025 18:10	SY/MD	Ok

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	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		Review On					
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,NR
3	VW1002SBL01	VW032323.D	02 Oct 2025 11:20	SY/MD	Ok
4	VW1002SBS01	VW032324.D	02 Oct 2025 11:48	SY/MD	Ok,NR
5	VW1002SBSD01	VW032325.D	02 Oct 2025 12:10	SY/MD	Ok,NR
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,NR

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW082625

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

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

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

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW091925

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

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

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

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW091925

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

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

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

M : Manual Integration

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 # VW092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:46 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:23:54 AM		
SubDirectory	VW092225	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135564
Initial Calibration Stds	
CCC	VP135562,VP135563
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	VW032222.D	22 Sep 2025 08:04		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032223.D	22 Sep 2025 08:47		SY/MD	Ok,M
3	VW0922SBL01	VW0922SBL01	VW032224.D	22 Sep 2025 10:27		SY/MD	Ok
4	VW0922SBS01	VW0922SBS01	VW032225.D	22 Sep 2025 11:13		SY/MD	Ok,M
5	VW0922SBSD01	VW0922SBSD01	VW032226.D	22 Sep 2025 11:35		SY/MD	Ok,M
6	Q3150-02RE	MER Rd Con EdRE	VW032227.D	22 Sep 2025 12:11	vial-B Internal Standard fail	SY/MD	Confirms
7	Q3157-01	20-DEAD-1	VW032228.D	22 Sep 2025 12:33	vial-A	SY/MD	Ok
8	Q3159-01	VNJ-245	VW032229.D	22 Sep 2025 12:55	vial-A	SY/MD	Ok
9	Q3159-03	VNJ-255	VW032230.D	22 Sep 2025 13:18	vial-A	SY/MD	Ok
10	VIBLK	VIBLK	VW032231.D	22 Sep 2025 15:49		SY/MD	Ok
11	VSTDCCC050	VSTDCCC050EC	VW032232.D	22 Sep 2025 16:11		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 # VW092525

Review By	Mahesh Dadoda	Review On	9/29/2025 1:07:01 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:07:30 AM		
SubDirectory	VW092525	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135637
Initial Calibration Stds	VP135638,VP135639,VP135641,VP135642,VP135643,VP135644
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135645
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032257.D	25 Sep 2025 10:01		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032258.D	25 Sep 2025 10:45	LR-20	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032259.D	25 Sep 2025 11:30		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032260.D	25 Sep 2025 11:52		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032261.D	25 Sep 2025 12:24		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW032262.D	25 Sep 2025 12:46		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032263.D	25 Sep 2025 13:08		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032264.D	25 Sep 2025 13:46		SY/MD	Ok
9	VSTDICV050	ICVVW092525	VW032265.D	25 Sep 2025 14:41		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 # VW093025

Review By	Mahesh Dadoda	Review On	10/3/2025 2:25:38 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/3/2025 2:30:21 AM		
SubDirectory	VW093025	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135700
Initial Calibration Stds	
CCC	VP135701,VP135702
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	VW032297.D	30 Sep 2025 10:43		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032298.D	30 Sep 2025 12:54		SY/MD	Ok,M
3	VW0930SBL01	VW0930SBL01	VW032299.D	30 Sep 2025 13:25		SY/MD	Ok
4	VW0930SBS01	VW0930SBS01	VW032300.D	30 Sep 2025 13:51		SY/MD	Ok,M
5	VW0930SBSD01	VW0930SBSD01	VW032301.D	30 Sep 2025 14:14		SY/MD	Ok,M
6	Q3238-01RE	RCARE	VW032302.D	30 Sep 2025 14:52	vial-B Surrogate fail	SY/MD	Confirms
7	Q3150-04	Mid Site Grid 5-7	VW032303.D	30 Sep 2025 15:14	vial-A Internal Standard Fail	SY/MD	ReRun
8	Q3253-01	ARS20-0009	VW032304.D	30 Sep 2025 15:36	vial-A	SY/MD	Ok
9	Q3245-02	13-1	VW032305.D	30 Sep 2025 15:57	vial-A	SY/MD	Ok
10	Q3245-10	12-8	VW032306.D	30 Sep 2025 16:19	vial-A	SY/MD	Ok
11	Q3245-18	12-1	VW032307.D	30 Sep 2025 16:41	vial-A	SY/MD	Ok
12	Q3240-01	OK-02-092925	VW032308.D	30 Sep 2025 17:04	vial-A	SY/MD	Ok
13	Q3256-03	SOIL-PILE-1-WC-VOC	VW032309.D	30 Sep 2025 17:26	vial-A	SY/MD	Ok
14	Q3256-07	SOIL-PILE-2-WC-VOC	VW032310.D	30 Sep 2025 17:48	vial-A	SY/MD	Ok
15	VIBLK	VIBLK	VW032311.D	30 Sep 2025 18:10		SY/MD	Ok

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		Review On			
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,NR
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,NR
5	VW1002SBSD01	VW1002SBSD01	VW032325.D	02 Oct 2025 12:10		SY/MD	Ok,NR
6	Q3150-04RE	Mid Site Grid 5-7RE	VW032326.D	02 Oct 2025 12:51	ISTD Fail	SY/MD	Confirms
7	Q3257-01	ENV1-6FT	VW032327.D	02 Oct 2025 13:13		SY/MD	Ok
8	Q3257-02	ENV2-6FT	VW032328.D	02 Oct 2025 13:35		SY/MD	Ok
9	Q3266-01	ENV-3-6FT	VW032329.D	02 Oct 2025 13:57		SY/MD	Ok
10	Q3266-02	ENV-3-6FT	VW032330.D	02 Oct 2025 14:19		SY/MD	Ok
11	Q3262-02	MOO-25-0280	VW032331.D	02 Oct 2025 14:41		SY/MD	Ok
12	Q3262-04	MOO-25-0282	VW032332.D	02 Oct 2025 15:03	ISTD Fail	SY/MD	ReRun
13	Q3262-07	279887	VW032333.D	02 Oct 2025 15:25		SY/MD	Ok
14	Q3269-01	EG1-TP1	VW032334.D	02 Oct 2025 15:47	Surrogate Fail	SY/MD	ReRun
15	Q3269-04	EG1-TP2	VW032335.D	02 Oct 2025 16:09		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,NR

M : Manual Integration

PERCENT SOLID

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

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

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

QC: LB137247

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

PERCENT SOLID

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

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

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

QC: LB137247

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

PERCENT SOLID

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

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

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

QC: LB137247

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3155-01	COMP-1	57	1.11	10.26	11.37	10.12	87.8	
Q3155-02	COMP-2	58	1.14	10.30	11.44	10.52	91.1	
Q3155-03	COMP-3	59	1.18	10.23	11.41	10.57	91.8	
Q3157-01	20-DEAD-1	60	1.19	10.91	12.1	11.11	90.9	

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

WORKLIST(Hardcopy Internal Chain)

ID 137247

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

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

Date/Time 09-19-25 15:00

Raw Sample Received by: JD WC

Raw Sample Relinquished by: [signature]

Date/Time 09-19-25 17:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 137247

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

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

Date/Time 09.19.25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature] SM

Date/Time 09.19.25 17:20

Raw Sample Received by: [signature] SM

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

JB 137247

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

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

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

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

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 3150

COC Number:

CLIENT INFORMATION

COMPANY: Scalamandre Tully JV
ADDRESS: 157 Albany Ave
CITY: Freeport STATE: NY ZIP: 11520
ATTENTION: Dean Devoe
PHONE: 718 446 7000 FAX:

PROJECT INFORMATION

PROJECT NAME: NYCDDC Harper Street Yard
PROJECT #: 23-657 LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD 10 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ⊛ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other

ANALYSIS

	1	2	3	4	5	6	7	8	9
	VOC 8260D	PAH 8270E	RCRA Metals	TCLP Metals	Haz Chars IRC	PCBs			
PRESERVATIVES									

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9	COMMENTS
1.	MER Rd Con Ed	S	X		9/18/25	11:30	1	X	X	X	X	X	X				
2.	Mid Site Grid 5-7	S	X		9/18/25	11:30	1	X	X	X	X	X	X				
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. D Devoe	Sep 18, 2025	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2. FedEx	9-19-25 1115	2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 18.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:
Comments:

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Friday, September 19, 2025 11:01 AM
Subject: FW: SPDES and Harper Street
Attachments: Chain-Of-Custody-Chemtech - Transfer Station SPDES - Sep.xls; Chain-Of-Custody-Chemtech - Transfer Station SPDES - August.xls; Chain-Of-Custody-Chemtech - Harper Street - Sep.xls

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Dean Devoe <DDevoe@tullyconstruction.com>
Sent: Thursday, September 18, 2025 3:29 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: SPDES and Harper Street

Hi Yazmeen – I didn't have VOC vials or enough metals bottles so I provided additional unpreserved bottles. Can you please transfer to the correct glassware? Also the Harper St soil is in a Ziploc so should be transferred to correct jars. Please expedite the August SPDES – the others can be standard TAT. Thank you Dean

Dean Devoe, PE
Tully Environmental Inc.
57 Seaview Blvd
Port Washington NY 11050
(718) 446 7000 x 298
Cell 917 417 1524

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3150 SCAL01
Client Name : Scalamandre – Tully JV
Client Contact : Dean Devoe
Invoice Name : Scalamandre – Tully JV
Invoice Contact : Dean Devoe

Order Date : 9/19/2025 11:55:00 AM
Project Name : NYC DOT Harper Street Ya
Receive DateTime : 9/19/2025 ~~3:00:00 PM~~ 11:15AM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3150-02	MER Rd Con Ed	Solid	09/18/2025	11:30					
					VOCMS Group1		8260D		10 Bus. Days
Q3150-04	Mid Site Grid 5-7	Solid	09/18/2025	11:30					
					VOCMS Group1		8260D		10 Bus. Days

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

Received By : Sam
Date / Time : 9/19/25 13:30

Storage Area : **VOA Refridgerator Room**

NG #6
Fr 2