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

Order ID : Q3157

Project ID : Yard Soil Cleanup

Client : Always Available Construction LLC.

Lab Sample Number	Client Sample Number
Q3157-01	20-DEAD-1
Q3157-02	20-DEAD-1
Q3157-03	TB

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

Signature : _____

Date: 9/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3157**

	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:** **09/27/2025**

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LAB CHRONICLE

OrderID:	Q3157	**OrderDate:**	9/19/2025 2:22:59 PM
Client:	Always Available Construction LLC.	**Project:**	Yard Soil Cleanup
Contact:	MIchael Roth	**Location:**	D31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3157-01	**20-DEAD-1**	**SOIL**			**09/19/25**			**09/19/25**
			VOC-TCLVOA-10	8260D			09/22/25	
Q3157-02	**20-DEAD-1**	**TCLP**			**09/19/25**			**09/19/25**
			TCLP VOA	8260D			09/22/25	
Q3157-03	**TB**	**Water**			**09/19/25**			**09/19/25**
			VOC-TCLVOA-10	8260D			09/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3157

Client: Always Available Construction LLC.

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

Total Voc :

Total Concentration:

QC SUMMARY

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

SDG No.: Q3157

Client: Always Available Construction LLC.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3157-01	20-DEAD-1	1,2-Dichloroethane-d4	50	50.9	102		63	155
		Dibromofluoromethane	50	43.2	86		70	134
		Toluene-d8	50	42.6	85		74	123
		4-Bromofluorobenzene	50	37.8	76		17	146
Q3157-03	TB	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	51.3	103		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	45.5	91		77	121
VN0924WBL01	VN0924WBL01	1,2-Dichloroethane-d4	50	54.7	109		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0924WBS01	VN0924WBS01	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.1	98		86	113
		4-Bromofluorobenzene	50	50.0	100		77	121
VN0924WBSD0	VN0924WBSD01	1,2-Dichloroethane-d4	50	49.3	99		74	125
		Dibromofluoromethane	50	50.4	101		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	49.6	99		77	121
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
VW0922SBSD0	VW0922SBSD01	1,2-Dichloroethane-d4	50	55.1	110		63	155
		Dibromofluoromethane	50	51.2	102		70	134
		Toluene-d8	50	50.6	101		74	123
		4-Bromofluorobenzene	50	50.1	100		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **Datafile :** VN087936.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0924WBS01	Dichlorodifluoromethane	20	20.6	ug/L	103			69	116	
	Chloromethane	20	19.4	ug/L	97			65	116	
	Vinyl chloride	20	19.6	ug/L	98			65	117	
	Bromomethane	20	20.3	ug/L	102			58	125	
	Chloroethane	20	20.4	ug/L	102			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			80	112	
	1,1-Dichloroethene	20	20.0	ug/L	100			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	19.5	ug/L	98			64	112	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			78	114	
	Methyl Acetate	20	21.6	ug/L	108			67	125	
	Methylene Chloride	20	20.6	ug/L	103			72	114	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			75	108	
	1,1-Dichloroethane	20	20.6	ug/L	103			78	112	
	Cyclohexane	20	19.8	ug/L	99			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	19.0	ug/L	95			77	113	
	cis-1,2-Dichloroethene	20	20.4	ug/L	102			77	110	
	Bromochloromethane	20	17.9	ug/L	90			70	124	
	Chloroform	20	20.5	ug/L	103			79	113	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			80	108	
	Methylcyclohexane	20	18.4	ug/L	92			72	115	
	Benzene	20	19.8	ug/L	99			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	20.0	ug/L	100			77	113	
	1,2-Dichloropropane	20	19.7	ug/L	99			83	111	
	Bromodichloromethane	20	19.6	ug/L	98			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.7	ug/L	99			82	110	
	t-1,3-Dichloropropene	20	19.0	ug/L	95			79	110	
	cis-1,3-Dichloropropene	20	19.7	ug/L	99			82	110	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			83	112	
	2-Hexanone	100	94.6	ug/L	95			73	117	
	Dibromochloromethane	20	19.5	ug/L	98			82	110	
	1,2-Dibromoethane	20	20.0	ug/L	100			81	110	
	Tetrachloroethene	20	18.1	ug/L	91			67	123	
	Chlorobenzene	20	19.6	ug/L	98			82	109	
	Ethyl Benzene	20	18.8	ug/L	94			83	109	
	m/p-Xylenes	40	38.4	ug/L	96			82	110	
	o-Xylene	20	18.7	ug/L	94			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.2	ug/L	96			79	109	
	Isopropylbenzene	20	18.5	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	19.6	ug/L	98			76	118	
	1,3-Dichlorobenzene	20	19.5	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	19.4	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.5	ug/L	98			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **Datafile :** VN087936.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0924WBS01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			75	113	
	1,2,3-Trichlorobenzene	20	19.2	ug/L	96			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **Datafile :** VN087937.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0924WBSD01	Dichlorodifluoromethane	20	21.6	ug/L	108	5		69	116	19
	Chloromethane	20	19.3	ug/L	97	0		65	116	21
	Vinyl chloride	20	20.4	ug/L	102	4		65	117	19
	Bromomethane	20	20.6	ug/L	103	1		58	125	20
	Chloroethane	20	21.3	ug/L	106	4		56	128	20
	Trichlorofluoromethane	20	20.9	ug/L	104	7		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	22.3	ug/L	112	10		80	112	15
	1,1-Dichloroethene	20	21.4	ug/L	107	7		74	110	20
	Acetone	100	100	ug/L	100	10		60	125	20
	Carbon disulfide	20	20.5	ug/L	103	5		64	112	20
	Methyl tert-butyl Ether	20	20.3	ug/L	102	3		78	114	20
	Methyl Acetate	20	22.2	ug/L	111	3		67	125	20
	Methylene Chloride	20	20.6	ug/L	103	0		72	114	20
	trans-1,2-Dichloroethene	20	19.7	ug/L	99	2		75	108	16
	1,1-Dichloroethane	20	20.1	ug/L	101	2		78	112	20
	Cyclohexane	20	20.3	ug/L	102	3		75	110	20
	2-Butanone	100	110	ug/L	110	10		65	122	26
	Carbon Tetrachloride	20	21.5	ug/L	108	13		77	113	15
	cis-1,2-Dichloroethene	20	19.8	ug/L	99	3		77	110	20
	Bromochloromethane	20	18.3	ug/L	92	2		70	124	20
	Chloroform	20	20.6	ug/L	103	0		79	113	20
	1,1,1-Trichloroethane	20	20.2	ug/L	101	0		80	108	20
	Methylcyclohexane	20	22.1	ug/L	111	19		72	115	20
	Benzene	20	20.7	ug/L	104	5		82	109	15
	1,2-Dichloroethane	20	21.1	ug/L	106	8		80	115	20
	Trichloroethene	20	20.3	ug/L	102	2		77	113	15
	1,2-Dichloropropane	20	20.9	ug/L	104	5		83	111	16
	Bromodichloromethane	20	21.2	ug/L	106	8		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	21.1	ug/L	106	7		82	110	16
	t-1,3-Dichloropropene	20	20.5	ug/L	103	8		79	110	20
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	5		82	110	16
	1,1,2-Trichloroethane	20	21.1	ug/L	106	4		83	112	20
	2-Hexanone	100	100	ug/L	100	5		73	117	25
	Dibromochloromethane	20	21.3	ug/L	106	8		82	110	20
	1,2-Dibromoethane	20	20.9	ug/L	104	4		81	110	20
	Tetrachloroethene	20	20.6	ug/L	103	12		67	123	15
	Chlorobenzene	20	21.0	ug/L	105	7		82	109	15
	Ethyl Benzene	20	20.6	ug/L	103	9		83	109	16
	m/p-Xylenes	40	41.8	ug/L	104	8		82	110	15
	o-Xylene	20	20.1	ug/L	101	7		83	109	20
	Styrene	20	20.2	ug/L	101	5		80	111	17
	Bromoform	20	21.0	ug/L	105	9		79	109	20
	Isopropylbenzene	20	22.2	ug/L	111	18		83	112	29
	1,1,2,2-Tetrachloroethane	20	23.2	ug/L	116	17		76	118	20
	1,3-Dichlorobenzene	20	21.9	ug/L	110	12	*	82	108	20
	1,4-Dichlorobenzene	20	21.5	ug/L	108	11	*	82	107	15
	1,2-Dichlorobenzene	20	21.4	ug/L	107	9		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **Datafile :** VN087937.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0924WBSD01	1,2-Dibromo-3-Chloropropane	20	23.2	ug/L	116	19	*	68	112	20
	1,2,4-Trichlorobenzene	20	21.7	ug/L	109	12		75	113	29
	1,2,3-Trichlorobenzene	20	20.7	ug/L	104	8		76	114	29

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **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	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **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	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **Datafile :** VW032226.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual		Limits Low	Limits High	RPD
VW0922SBSD01	Dichlorodifluoromethane	20	23.9	ug/Kg	119	3			64	136	20
	Chloromethane	20	25.9	ug/Kg	130	9			52	151	20
	Vinyl chloride	20	28.3	ug/Kg	142	7			56	148	20
	Bromomethane	20	26.7	ug/Kg	134	10			58	141	20
	Chloroethane	20	27.6	ug/Kg	138	4	*		69	130	20
	Trichlorofluoromethane	20	27.5	ug/Kg	138	34	*	*	69	134	20
	1,1,2-Trichlorotrifluoroethane	20	27.1	ug/Kg	136	15	*		81	123	20
	1,1-Dichloroethene	20	26.5	ug/Kg	133	15	*		79	121	20
	Acetone	100	150	ug/Kg	150	14			40	171	20
	Carbon disulfide	20	22.7	ug/Kg	114	7			59	130	20
	Methyl tert-butyl Ether	20	23.5	ug/Kg	117	6			77	129	20
	Methyl Acetate	20	23.3	ug/Kg	117	7			69	149	20
	Methylene Chloride	20	21.7	ug/Kg	109	5			72	131	20
	trans-1,2-Dichloroethene	20	23.3	ug/Kg	117	6			80	123	20
	1,1-Dichloroethane	20	23.5	ug/Kg	117	6			82	123	20
	Cyclohexane	20	22.6	ug/Kg	113	8			76	122	20
	2-Butanone	100	120	ug/Kg	120	0			69	131	20
	Carbon Tetrachloride	20	22.1	ug/Kg	111	4			76	129	20
	cis-1,2-Dichloroethene	20	22.7	ug/Kg	114	5			82	123	20
	Bromochloromethane	20	23.0	ug/Kg	115	4			80	127	20
	Chloroform	20	24.1	ug/Kg	121	10			82	125	20
	1,1,1-Trichloroethane	20	24.1	ug/Kg	121	11			80	126	20
	Methylcyclohexane	20	20.7	ug/Kg	104	5			77	123	20
	Benzene	20	22.3	ug/Kg	112	4			84	121	20
	1,2-Dichloroethane	20	22.3	ug/Kg	112	2			81	126	20
	Trichloroethene	20	21.6	ug/Kg	108	7			83	122	20
	1,2-Dichloropropane	20	22.4	ug/Kg	112	1			83	122	20
	Bromodichloromethane	20	22.1	ug/Kg	111	0			82	123	20
	4-Methyl-2-Pentanone	100	120	ug/Kg	120	0			70	135	20
	Toluene	20	21.7	ug/Kg	109	1			83	122	20
	t-1,3-Dichloropropene	20	21.5	ug/Kg	108	0			78	124	20
	cis-1,3-Dichloropropene	20	21.2	ug/Kg	106	6			81	122	20
	1,1,2-Trichloroethane	20	22.7	ug/Kg	114	4			82	125	20
	2-Hexanone	100	120	ug/Kg	120	0			66	138	20
	Dibromochloromethane	20	22.0	ug/Kg	110	1			79	125	20
	1,2-Dibromoethane	20	22.3	ug/Kg	112	1			80	125	20
	Tetrachloroethene	20	20.9	ug/Kg	104	7			83	125	20
	Chlorobenzene	20	20.9	ug/Kg	104	7			84	122	20
	Ethyl Benzene	20	20.9	ug/Kg	104	8			82	124	20
	m/p-Xylenes	40	41.9	ug/Kg	105	7			83	124	20
	o-Xylene	20	20.8	ug/Kg	104	6			83	123	20
	Styrene	20	20.8	ug/Kg	104	10			82	124	20
	Bromoform	20	20.8	ug/Kg	104	2			75	127	20
	Isopropylbenzene	20	21.0	ug/Kg	105	0			82	124	20
	1,1,2,2-Tetrachloroethane	20	22.1	ug/Kg	111	4			77	127	20
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105	5			83	122	20
	1,4-Dichlorobenzene	20	21.1	ug/Kg	106	2			84	121	20
	1,2-Dichlorobenzene	20	22.1	ug/Kg	111	1			83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8260D

Client: Always Available Construction LLC. **Datafile :** VW032226.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0922SBSD01	1,2-Dibromo-3-Chloropropane	20	23.5	ug/Kg	117	8		66	134	20
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99	2		78	127	20
	1,2,3-Trichlorobenzene	20	20.4	ug/Kg	102	5		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0924WBL01

Lab Name: Alliance | Contract: ALWA01

Lab Code: ACE | SDG NO.: Q3157

Lab File ID: VN087935.D | Lab Sample ID: VN0924WBL01

Date Analyzed: 09/24/2025 | Time Analyzed: 09:47

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

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0924WBS01	VN0924WBS01	VN087936.D	09/24/2025
VN0924WBSD01	VN0924WBSD01	VN087937.D	09/24/2025
TB	Q3157-03	VN087940.D	09/24/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0922SBL01

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG NO.: Q3157

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
VW0922SBSD01	VW0922SBSD01	VW032226.D	09/22/2025
20-DEAD-1	Q3157-01	VW032228.D	09/22/2025

COMMENTS:

Raw Data: **VN087922.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ALWA01

Lab Code: ACE | SDG NO.: Q3157

Lab File ID: VN087922.D | BFB Injection Date: 09/23/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:31

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.1
75	30.0 - 60.0% of mass 95	55.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.2 (1.6) 1
174	50.0 - 100.0% of mass 95	75.3
175	5.0 - 9.0% of mass 174	6.2 (8.3) 1
176	95.0 - 101.0% of mass 174	74.2 (98.4) 1
177	5.0 - 9.0% of mass 176	4.4 (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	VN087924.D	09/23/2025	09:33
VSTDICCC050	VSTDICCC050	VN087926.D	09/23/2025	10:15
VSTDICC100	VSTDICC100	VN087927.D	09/23/2025	10:36
VSTDICC150	VSTDICC150	VN087928.D	09/23/2025	10:56
VSTDICC020	VSTDICC020	VN087930.D	09/23/2025	11:47

Raw Data: **VN087932.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ALWA01
Lab Code: ACE
SDG NO.: Q3157
Lab File ID: VN087932.D
BFB Injection Date: 09/24/2025
Instrument ID: MSVOA_N
BFB Injection Time: 07:41
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.9
75	30.0 - 60.0% of mass 95	54.2
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	1.1 (1.4) 1
174	50.0 - 100.0% of mass 95	74.1
175	5.0 - 9.0% of mass 174	6.2 (8.4) 1
176	95.0 - 101.0% of mass 174	73.4 (99.1) 1
177	5.0 - 9.0% of mass 176	4.9 (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	VN087933.D	09/24/2025	08:27
VN0924WBL01	VN0924WBL01	VN087935.D	09/24/2025	09:47
VN0924WBS01	VN0924WBS01	VN087936.D	09/24/2025	10:08
VN0924WBSD01	VN0924WBSD01	VN087937.D	09/24/2025	10:42
TB	Q3157-03	VN087940.D	09/24/2025	11:46

Raw Data: **VW032136.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ALWA01
Lab Code: ACE
SDG NO.: Q3157
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

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ALWA01

Lab Code: ACE | SDG NO.: Q3157

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
VW0922SBSD01	VW0922SBSD01	VW032226.D	09/22/2025	11:35
20-DEAD-1	Q3157-01	VW032228.D	09/22/2025	12:33

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG NO.: Q3157

Lab File ID: VN087933.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_N Time Analyzed: 08:27

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	248830	8.21	449654	9.08	427717	11.85
UPPER LIMIT	497660	8.706	899308	9.582	855434	12.347
LOWER LIMIT	124415	7.706	224827	8.582	213859	11.347
EPA SAMPLE NO.						
TB	183948	8.21	392279	9.08	376769	11.85
VN0924WBL01	194391	8.21	423678	9.08	397836	11.84
VN0924WBS01	214330	8.21	404775	9.08	389038	11.85
VN0924WBSD01	242602	8.21	429972	9.08	407713	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG NO.: Q3157

Lab File ID: VN087933.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_N Time Analyzed: 08:27

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

	IS4 AREA #	RT #				
12 HOUR STD	229002	13.77				
UPPER LIMIT	458004	14.27				
LOWER LIMIT	114501	13.27				
EPA SAMPLE NO.						
TB	178103	13.77				
VN0924WBL01	185471	13.77				
VN0924WBS01	206895	13.77				
VN0924WBSD01	206436	13.77				

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG NO.: Q3157

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.						
20-DEAD-1	145332	7.97	298948	8.86	293437	11.64
VW0922SBL01	157714	7.97	321952	8.85	326905	11.63
VW0922SBS01	187927	7.96	311645	8.85	278316	11.64
VW0922SBSD01	177120	7.97	322196	8.86	306484	11.64

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG NO.: Q3157

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.						
20-DEAD-1	133482	13.56				
VW0922SBL01	151656	13.56				
VW0922SBS01	149741	13.56				
VW0922SBSD01	154747	13.56				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VW032228.D**

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Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	20-DEAD-1	SDG No.:	Q3157
Lab Sample ID:	Q3157-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.9
Sample Wt/Vol:	5.45 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032228.D	1	09/22/25 12:33	VW092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.00	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.80	U	0.80	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	UQ	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	UQ	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	UQ	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	UQ	1.00	5.00	ug/Kg
67-64-1	Acetone	4.80	U	4.80	25.2	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.74	U	0.74	5.00	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.00	ug/Kg
75-09-2	Methylene Chloride	3.60	U	3.60	10.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.87	U	0.87	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.81	U	0.81	5.00	ug/Kg
110-82-7	Cyclohexane	0.80	U	0.80	5.00	ug/Kg
78-93-3	2-Butanone	6.60	U	6.60	25.2	ug/Kg
56-23-5	Carbon Tetrachloride	0.98	U	0.98	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.76	U	0.76	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.85	U	0.85	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.92	U	0.92	5.00	ug/Kg
71-43-2	Benzene	0.80	U	0.80	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
79-01-6	Trichloroethene	0.82	U	0.82	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.92	U	0.92	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.79	U	0.79	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.2	ug/Kg
108-88-3	Toluene	0.79	U	0.79	5.00	ug/Kg

Raw Data: **VW032228.D**

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Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	20-DEAD-1	SDG No.:	Q3157
Lab Sample ID:	Q3157-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.9
Sample Wt/Vol:	5.45 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032228.D	1	09/22/25 12:33	VW092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.66	U	0.66	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.63	U	0.63	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.2	ug/Kg
124-48-1	Dibromochloromethane	0.88	U	0.88	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.89	U	0.89	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.92	U	0.92	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.1	ug/Kg
95-47-6	o-Xylene	0.83	U	0.83	5.00	ug/Kg
100-42-5	Styrene	0.72	U	0.72	5.00	ug/Kg
75-25-2	Bromoform	0.87	U	0.87	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.79	U	0.79	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	1.90	U	1.90	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	50.9		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	43.2		70 - 134	86%	SPK: 50
2037-26-5	Toluene-d8	42.6		74 - 123	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.8		17 - 146	76%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	145000	7.965			
540-36-3	1,4-Difluorobenzene	299000	8.855			
3114-55-4	Chlorobenzene-d5	293000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	133000	13.556			

Raw Data: **VW032228.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	20-DEAD-1	SDG No.:	Q3157
Lab Sample ID:	Q3157-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.9
Sample Wt/Vol:	5.45 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032228.D	1	09/22/25 12:33	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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032228.D
Acq On : 22 Sep 2025 12:33
Operator : SY/MD
Sample : Q3157-01
Misc : 5.45g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Quant Time: Sep 23 06:06:28 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	145332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	298948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	293437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	133482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	105795	50.901	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.800%			
35) Dibromofluoromethane	7.904	113	90602	43.197	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 86.400%			
50) Toluene-d8	10.331	98	313344	42.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 85.120%			
62) 4-Bromofluorobenzene	12.617	95	103036	37.844	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 75.680%			

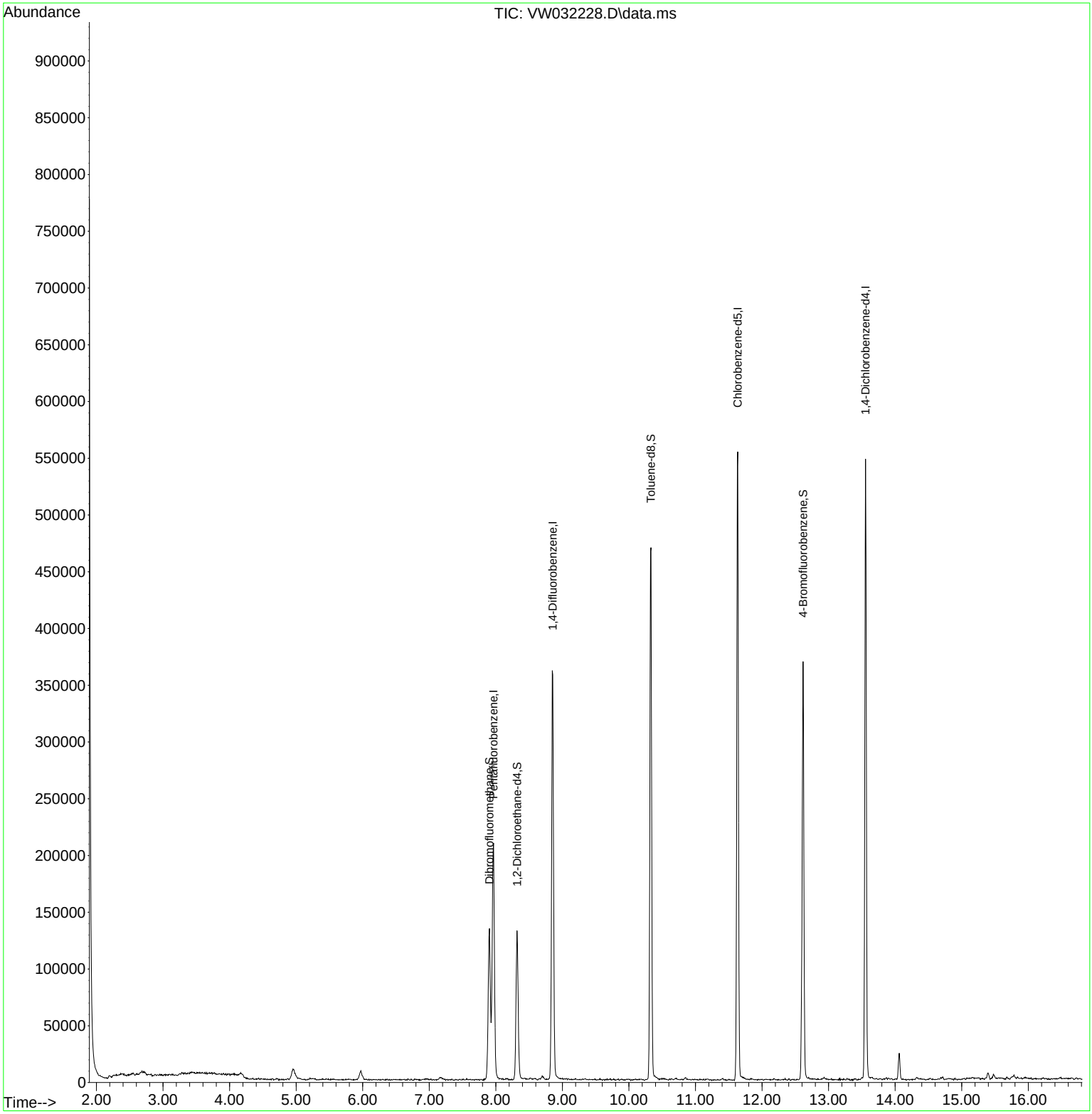
Target Compounds Qvalue

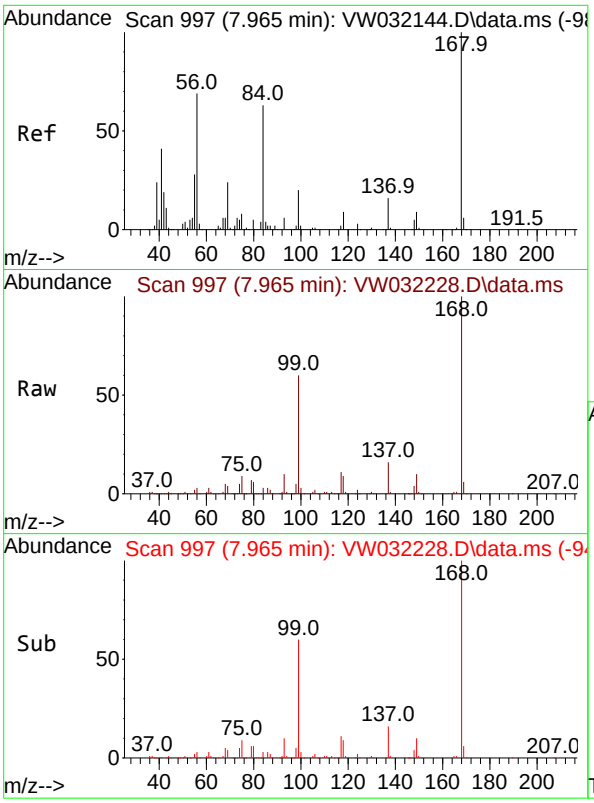
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032228.D
Acq On : 22 Sep 2025 12:33
Operator : SY/MD
Sample : Q3157-01
Misc : 5.45g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Quant Time: Sep 23 06:06:28 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



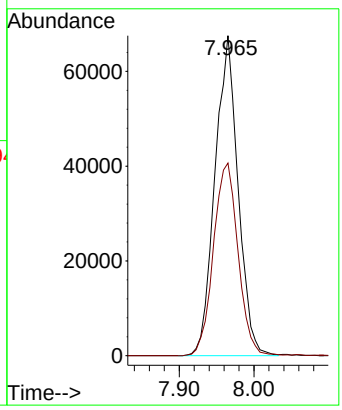


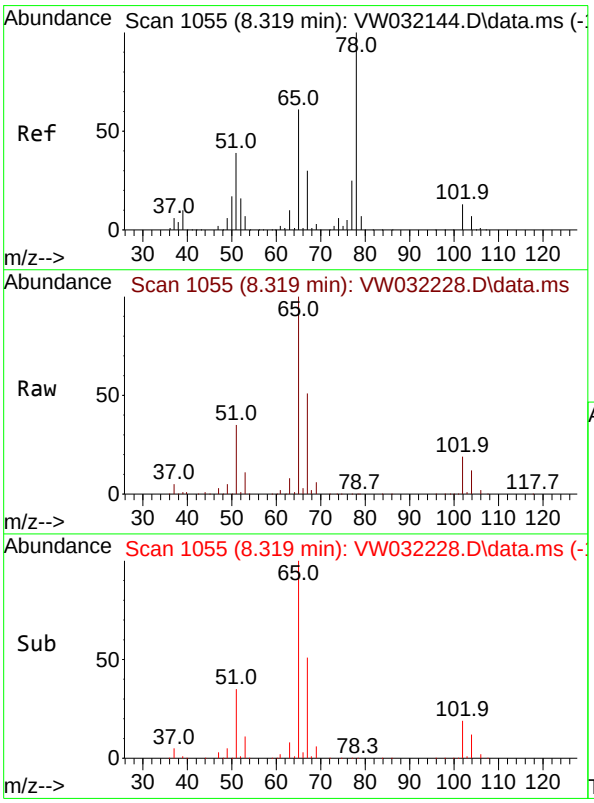
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Tgt Ion:168 Resp: 145332

Ion	Ratio	Lower	Upper
168	100		
99	60.2	49.3	73.9

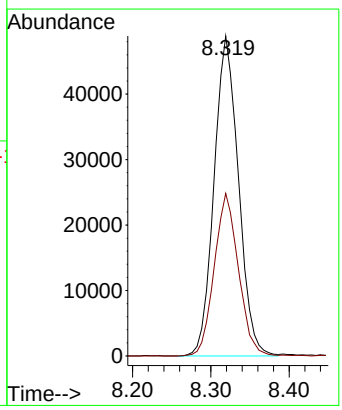


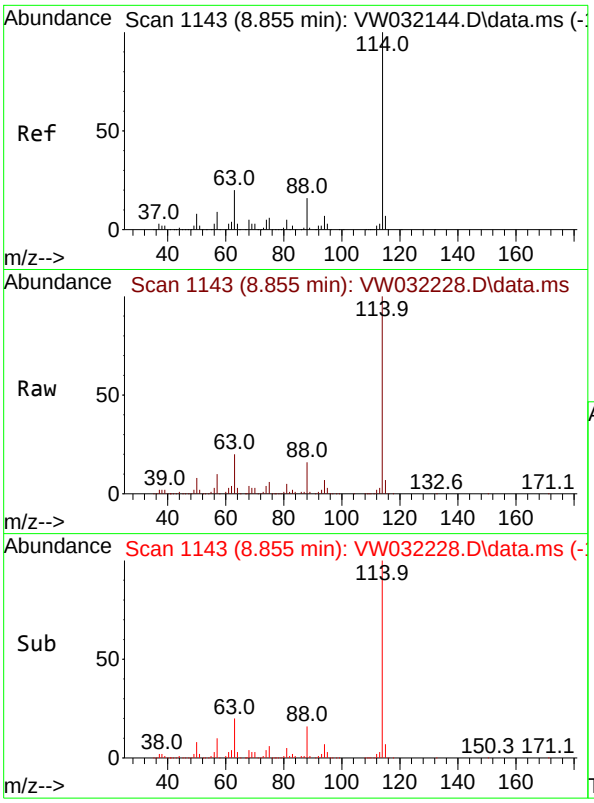


#33
1,2-Dichloroethane-d4
Concen: 50.901 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Tgt Ion: 65 Resp: 105795

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.6



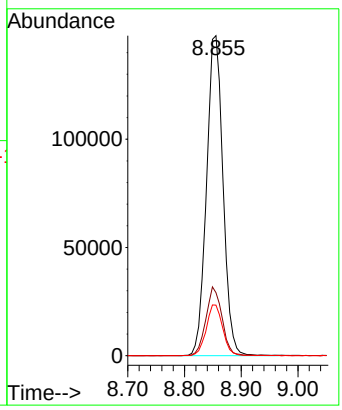


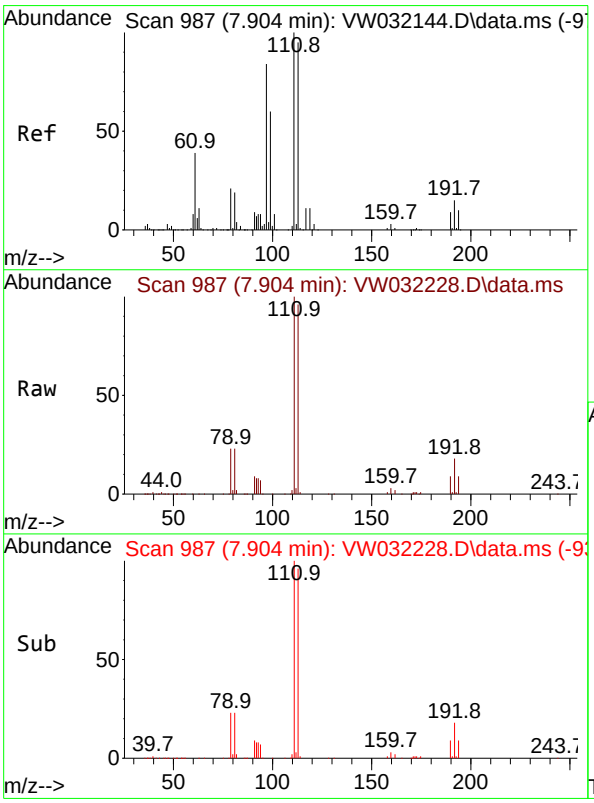
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Tgt Ion:114 Resp: 298948

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.4
88	15.8	0.0	32.0

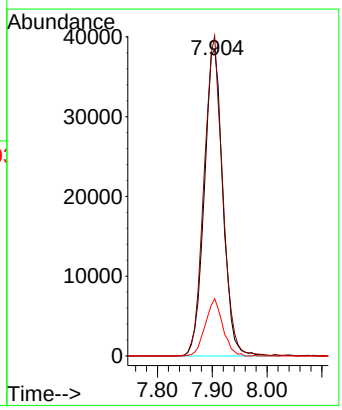


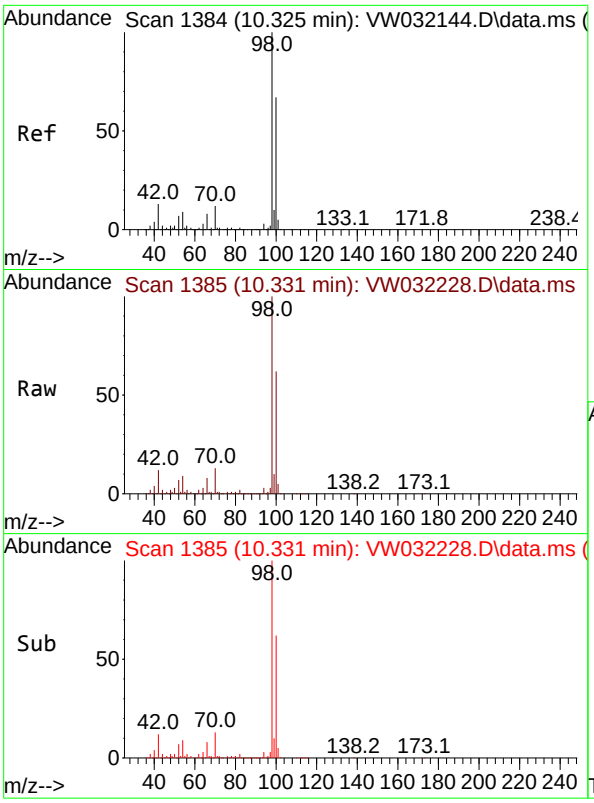


#35
Dibromofluoromethane
Concen: 43.197 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Tgt Ion:113 Resp: 90602

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.9	125.9
192	17.5	14.6	21.8



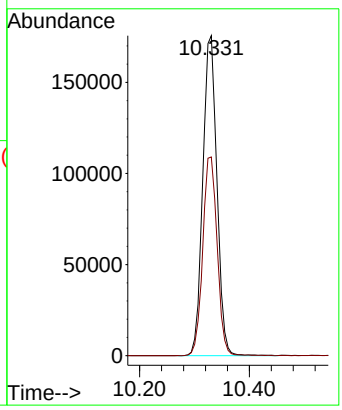


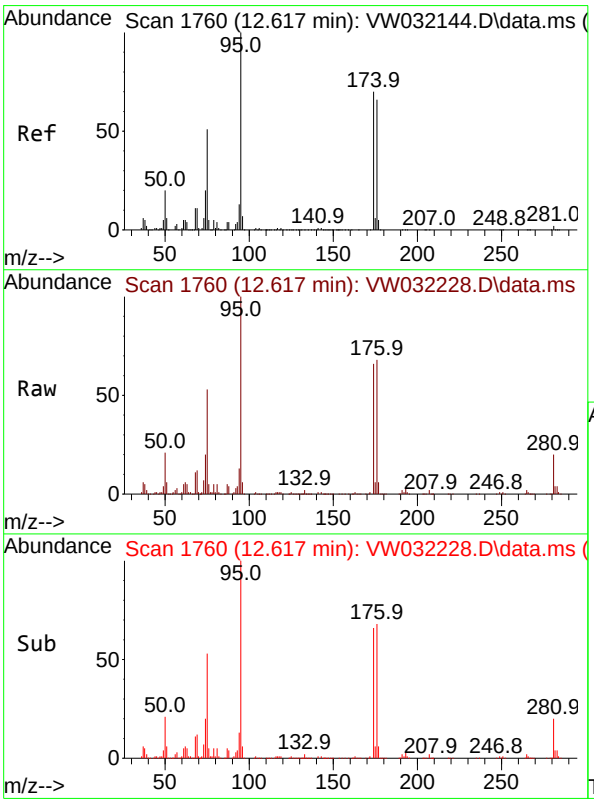
#50
Toluene-d8
Concen: 42.557 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Tgt Ion: 98 Resp: 313344

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2

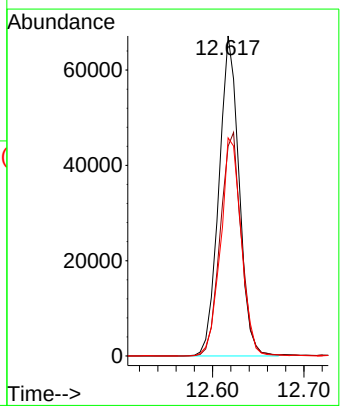


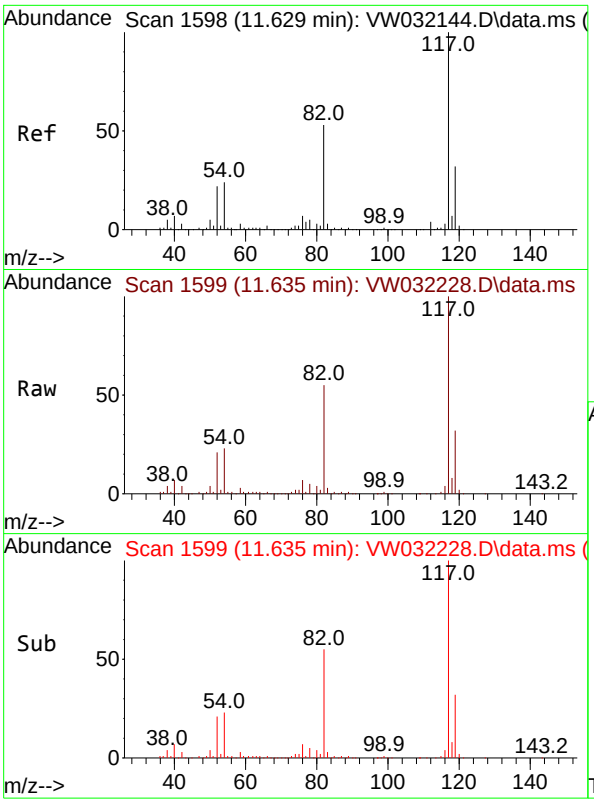


#62
4-Bromofluorobenzene
Concen: 37.844 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Tgt Ion: 95 Resp: 103036

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	145.6
176	70.2	0.0	140.8



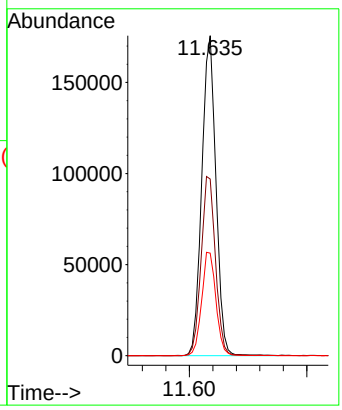


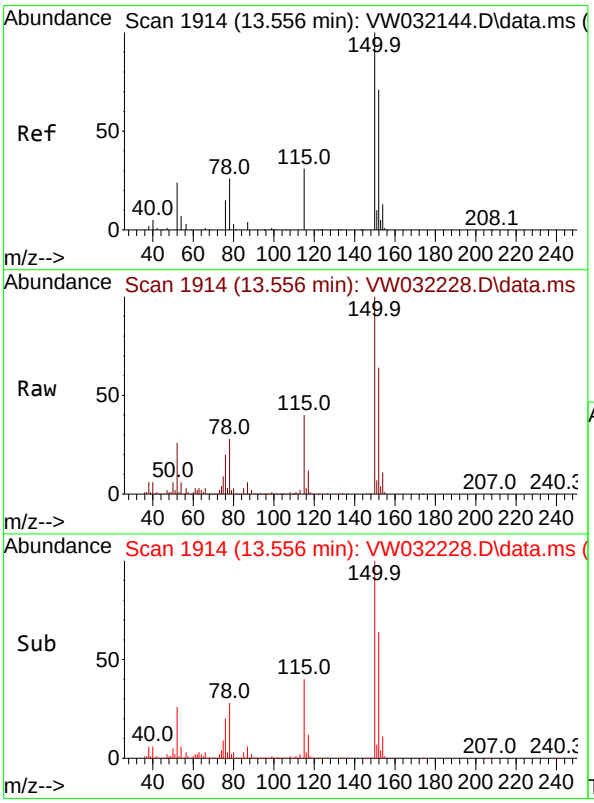
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Tgt Ion:117 Resp: 293437

Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.7	64.1
119	32.1	25.2	37.8

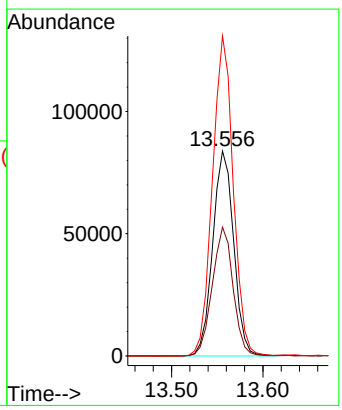




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Tgt Ion:152 Resp: 133482

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.8	95.4
150	154.7	0.0	343.0



Sample Results: **VW032228.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032228.D
Acq On : 22 Sep 2025 12:33
Operator : SY/MD
Sample : Q3157-01
Misc : 5.45g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260

Signal : TIC: VW032228.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	493	503	514	rBV4	9566	36887	3.87%	0.699%
2	5.972	661	670	678	rBV3	7874	22296	2.34%	0.422%
3	7.904	976	987	991	rBV	133055	310096	32.51%	5.876%
4	7.965	991	997	1007	rVB	207071	477711	50.08%	9.052%
5	8.319	1044	1055	1066	rBV	131685	294716	30.90%	5.584%
6	8.849	1134	1142	1161	rVB	359675	736222	77.18%	13.950%
7	10.331	1374	1385	1393	rBV	468907	855345	89.67%	16.207%
8	11.635	1591	1599	1606	rBV	553906	953900	100.00%	18.074%
9	12.617	1748	1760	1772	rBV2	368587	673364	70.59%	12.759%
10	13.556	1907	1914	1923	rBV	545465	867465	90.94%	16.437%
11	14.062	1991	1997	2003	rVB2	23207	38698	4.06%	0.733%
12	15.397	2212	2216	2221	rVB8	5766	10950	1.15%	0.207%

Sum of corrected areas: 5277650

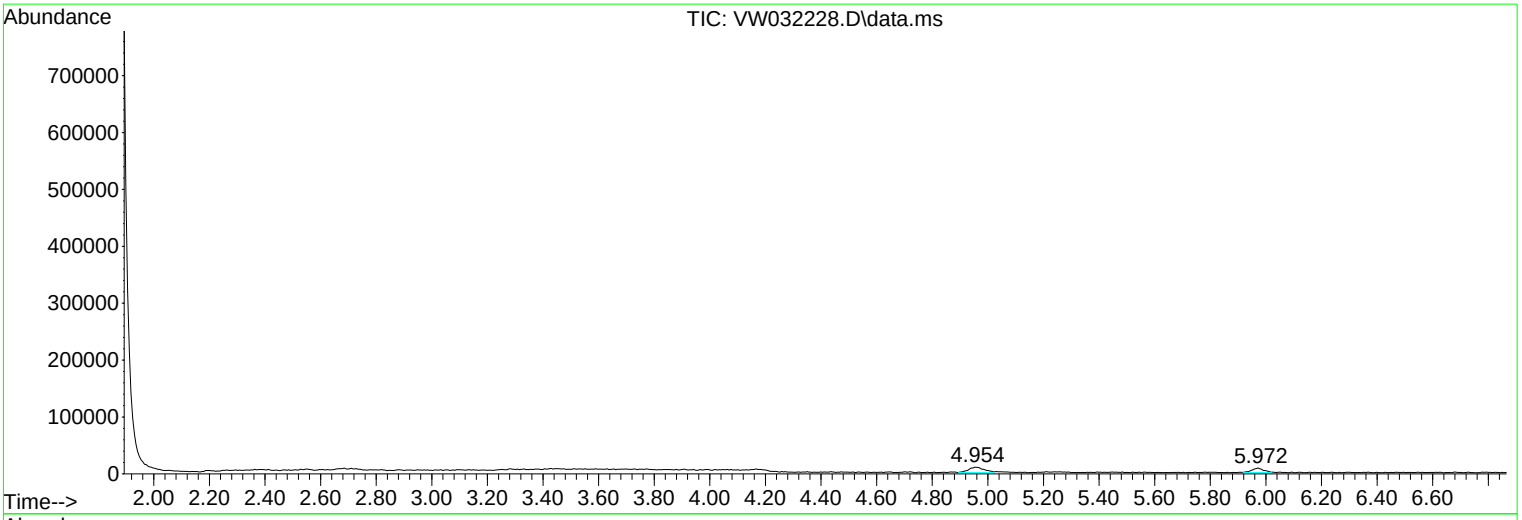
Sample Results: **VW032228.D**

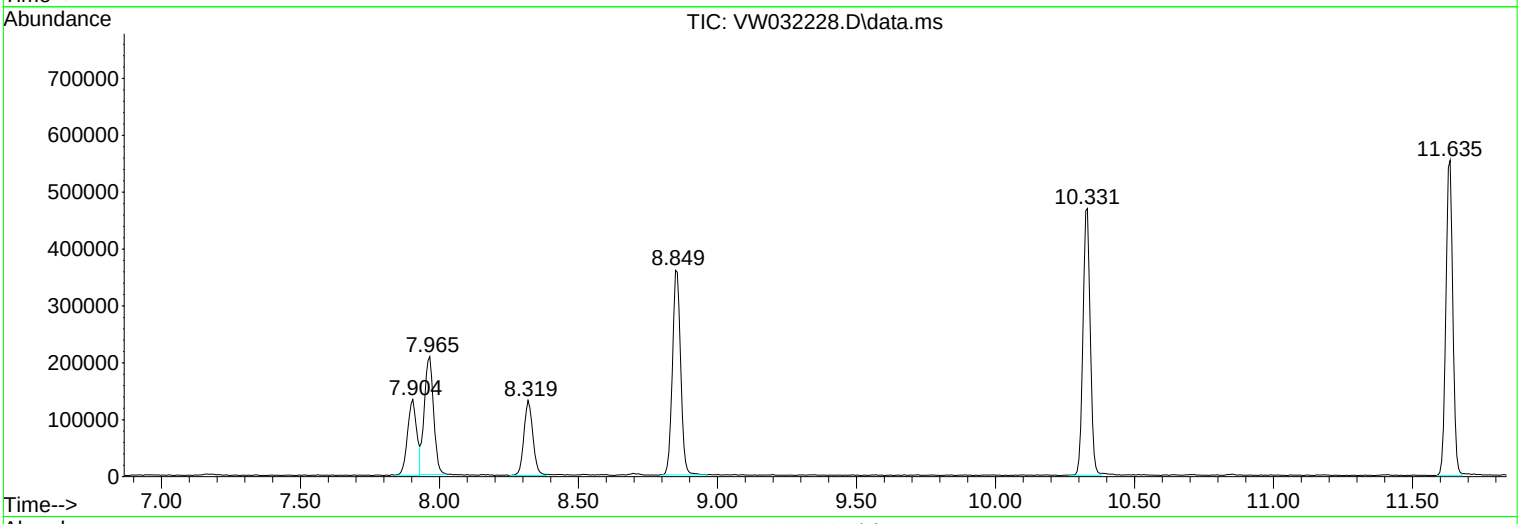
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032228.D
Acq On : 22 Sep 2025 12:33
Operator : SY/MD
Sample : Q3157-01
Misc : 5.45g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

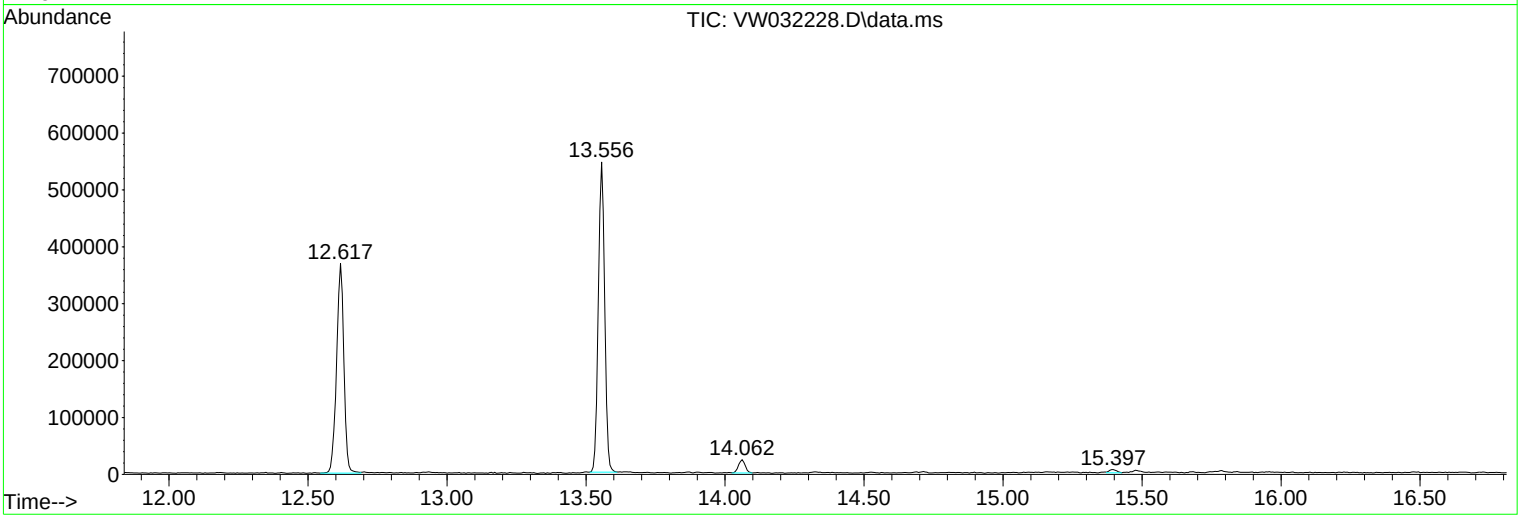
Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032228.D
Acq On : 22 Sep 2025 12:33
Operator : SY/MD
Sample : Q3157-01
Misc : 5.45g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032228.D
Acq On : 22 Sep 2025 12:33
Operator : SY/MD
Sample : Q3157-01
Misc : 5.45g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
20-DEAD-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

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

Raw Data: **VN087940.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3157
Lab Sample ID:	Q3157-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087940.D	1	09/24/25 11:46	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3157
Lab Sample ID:	Q3157-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087940.D	1	09/24/25 11:46	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	UQ	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	UQ	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	UQ	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.5		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	184000	8.206			
540-36-3	1,4-Difluorobenzene	392000	9.082			
3114-55-4	Chlorobenzene-d5	377000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	178000	13.77			

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3157
Lab Sample ID:	Q3157-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087940.D	1	09/24/25 11:46	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087940.D
Acq On : 24 Sep 2025 11:46
Operator : JC\MD
Sample : Q3157-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Time: Sep 25 03:09:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	183948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	392279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	376769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	178103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	170353	55.029	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.060%			
35) Dibromofluoromethane	8.153	113	146172	51.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	10.547	98	497721	49.693	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.829	95	162785	45.469	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.940%			

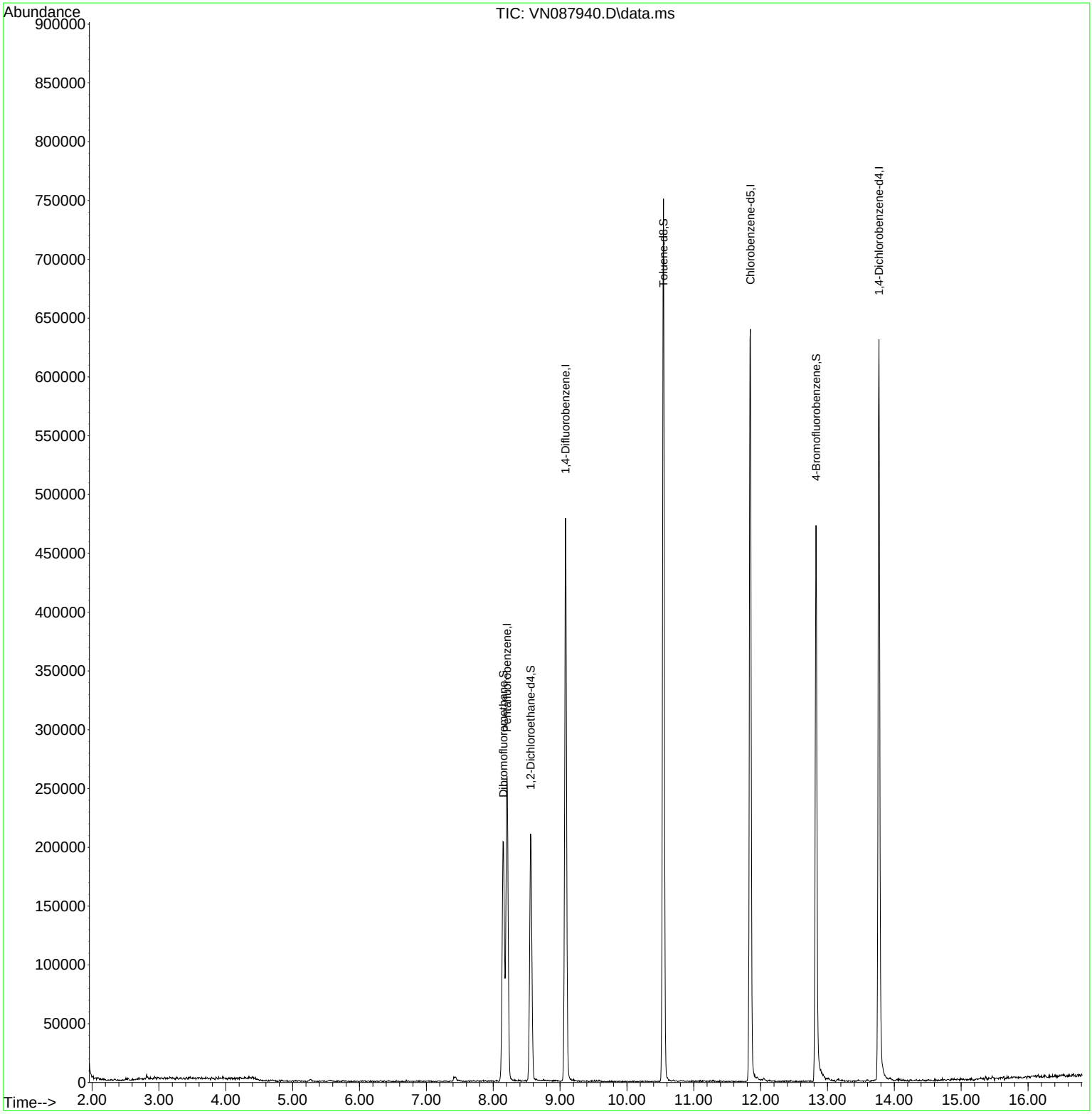
Target Compounds Qvalue

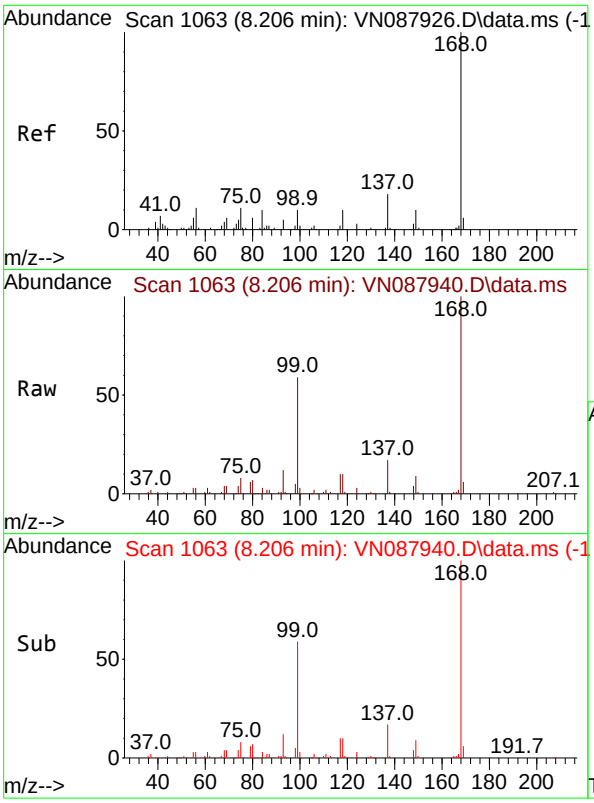
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087940.D
Acq On : 24 Sep 2025 11:46
Operator : JC\MD
Sample : Q3157-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Time: Sep 25 03:09:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration



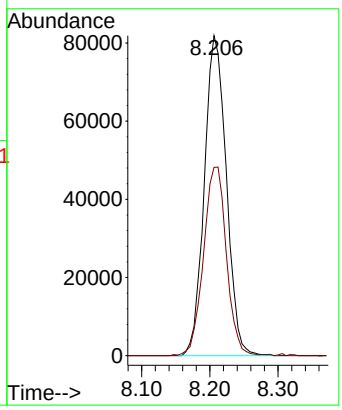


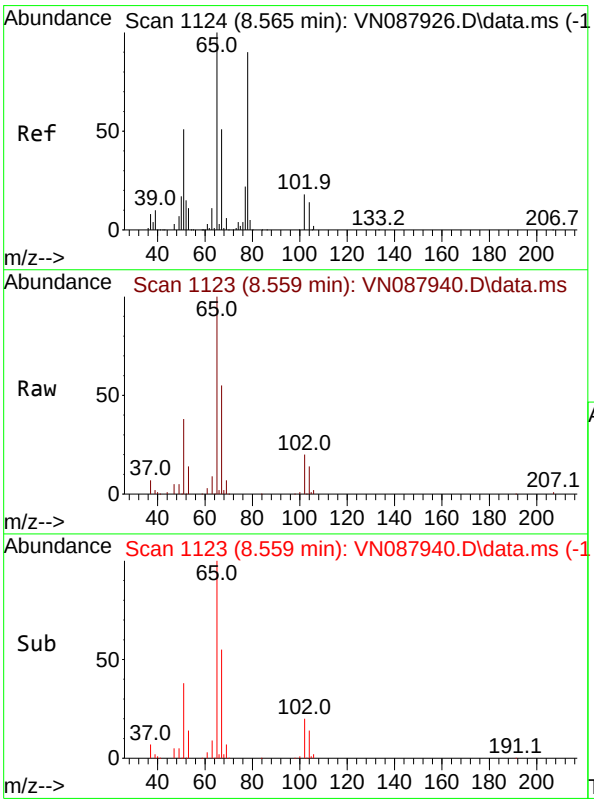
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:168 Resp: 183948

Ion	Ratio	Lower	Upper
168	100		
99	58.7	52.2	78.2

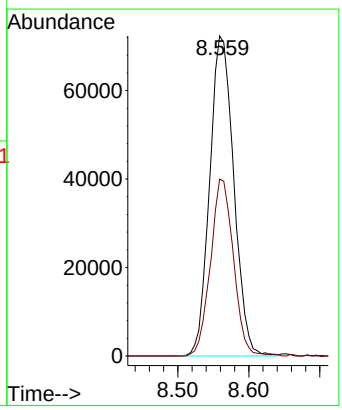


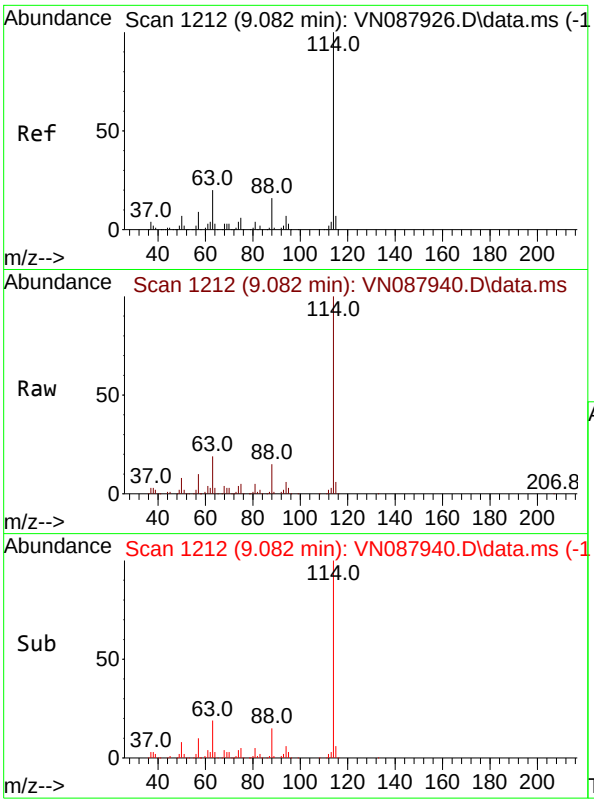


#33
1,2-Dichloroethane-d4
Concen: 55.029 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Tgt Ion: 65 Resp: 170353

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.4



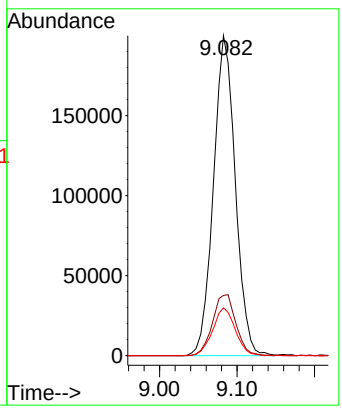


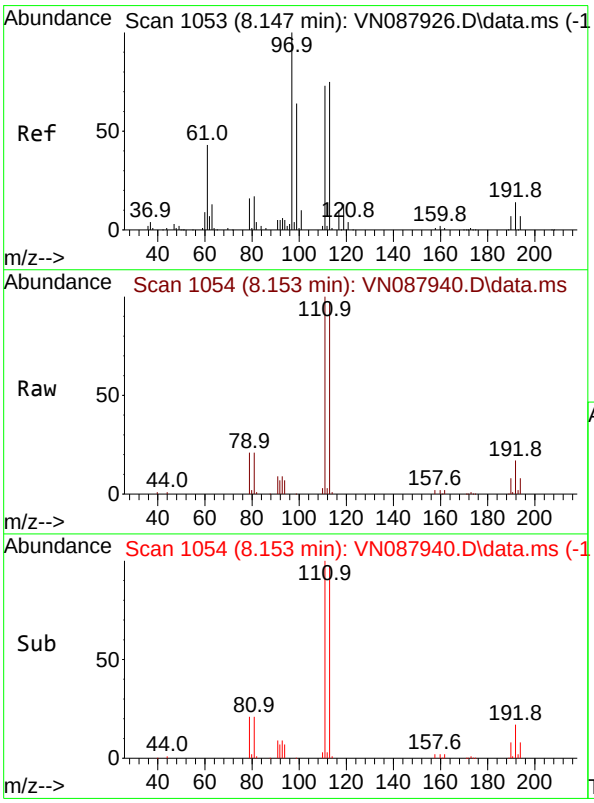
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:114 Resp: 392279

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.0
88	15.0	0.0	31.8

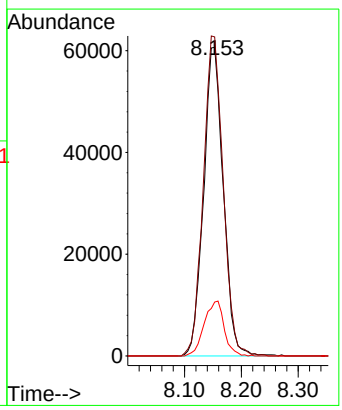


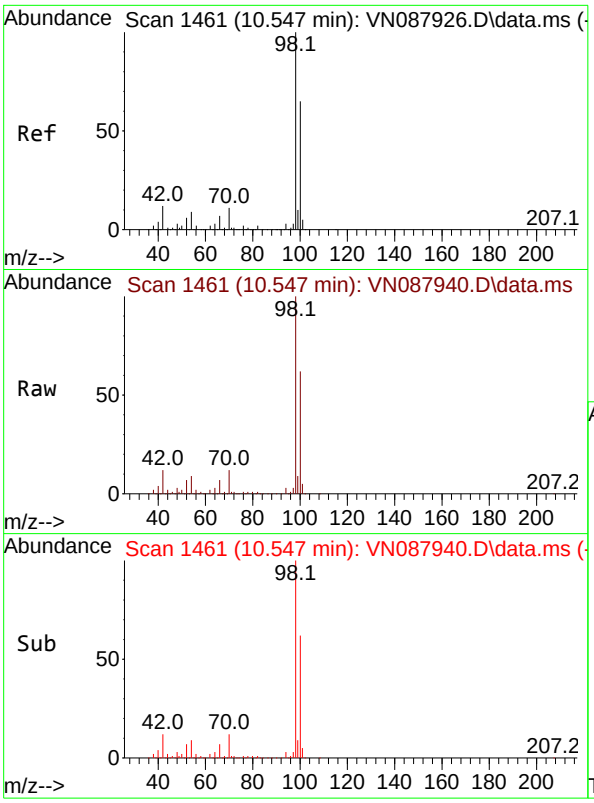


#35
Dibromofluoromethane
Concen: 51.321 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Tgt Ion:113 Resp: 146172

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.2
192	18.0	14.2	21.2



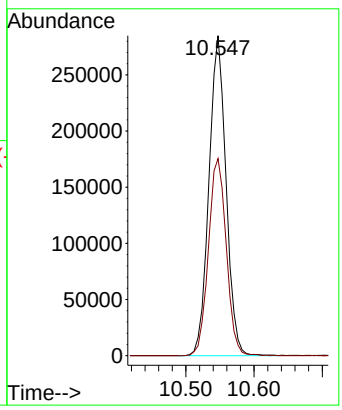


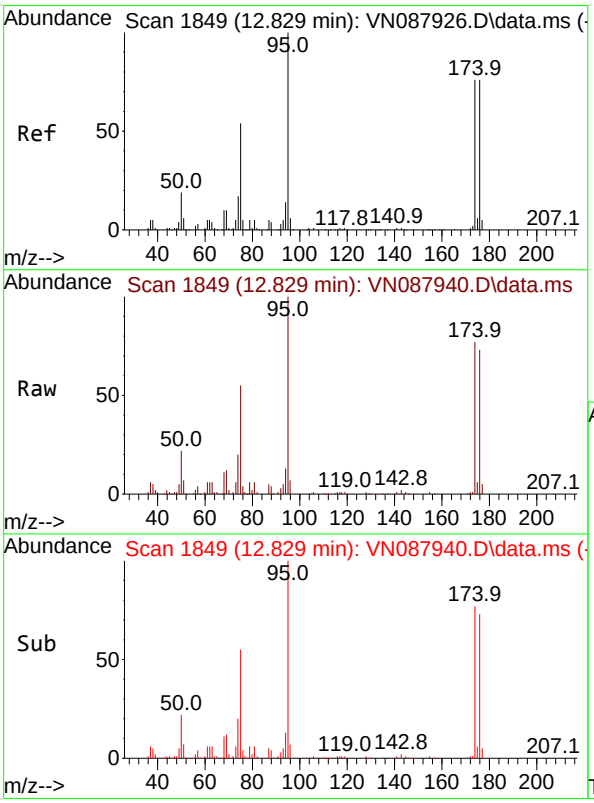
#50
Toluene-d8
Concen: 49.693 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion: 98 Resp: 497721

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

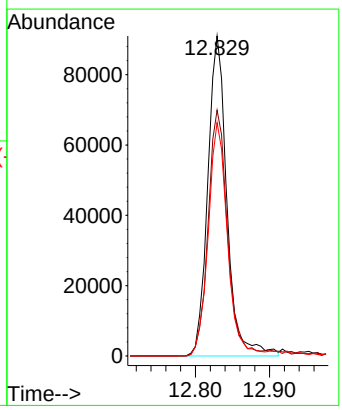


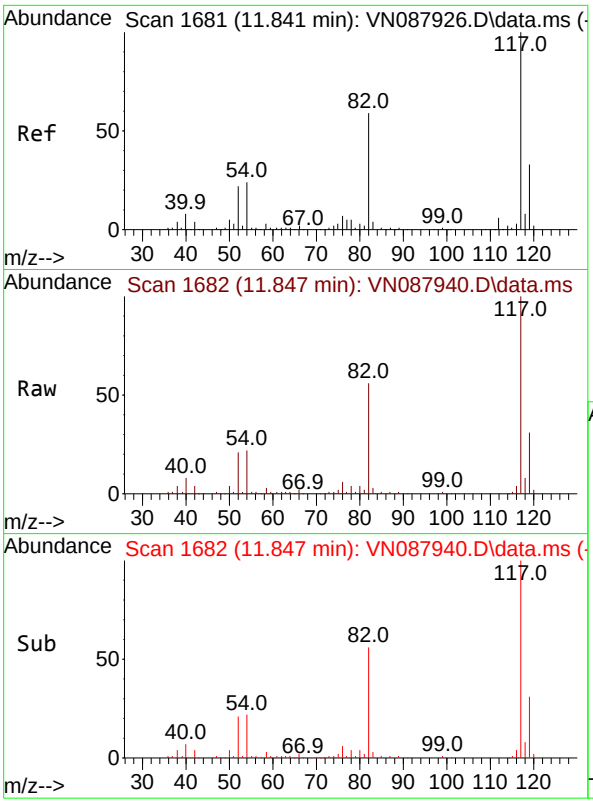


#62
4-Bromofluorobenzene
Concen: 45.469 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Tgt Ion: 95 Resp: 162785

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	159.2
176	73.3	0.0	152.6



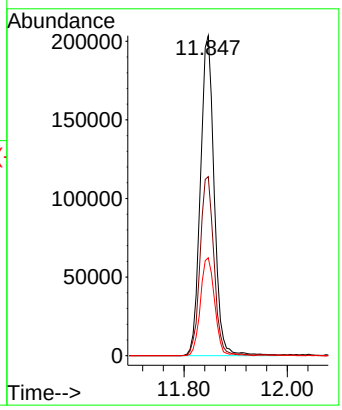


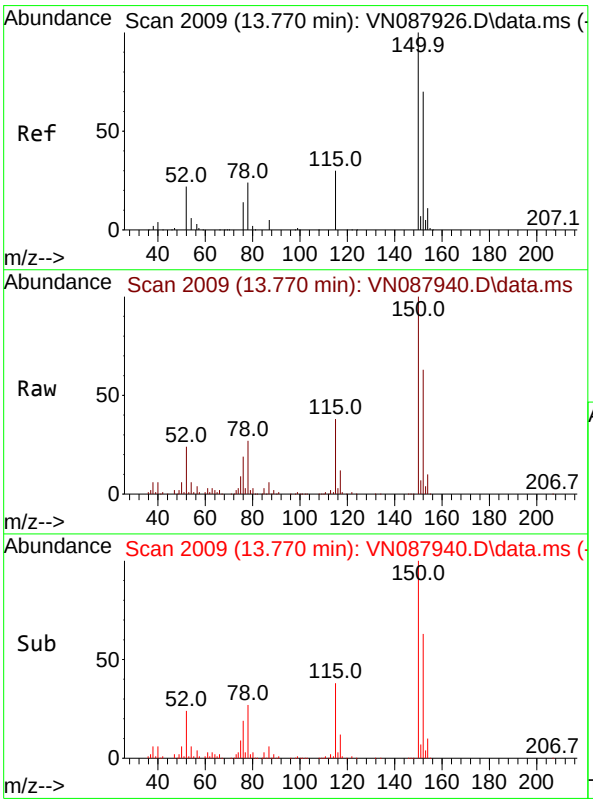
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 376769

Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.0	70.4
119	30.6	26.1	39.1

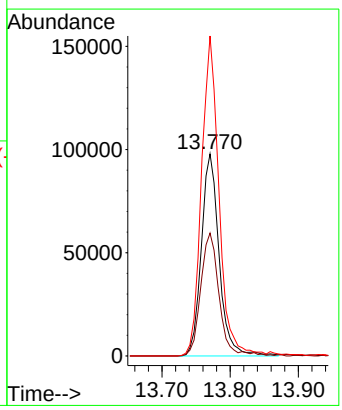




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087940.D
Acq: 24 Sep 2025 11:46

Tgt Ion:152 Resp: 178103

Ion	Ratio	Lower	Upper
152	100		
115	62.4	29.9	89.7
150	155.0	0.0	335.0



Sample Results: **VN087940.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087940.D
Acq On : 24 Sep 2025 11:46
Operator : JC\MD
Sample : Q3157-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Title : SW846 8260

Signal : TIC: VN087940.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1042	1053	1058	rBV2	204091	494293	36.41%	6.970%
2	8.206	1058	1063	1073	rVB	257919	585591	43.14%	8.257%
3	8.559	1113	1123	1133	rBV	210781	486268	35.82%	6.856%
4	9.082	1203	1212	1224	rBV	478467	953849	70.27%	13.449%
5	10.547	1452	1461	1474	rBV	750576	1357496	100.00%	19.141%
6	11.847	1671	1682	1697	rBV	639799	1200748	88.45%	16.931%
7	12.829	1841	1849	1866	rBV	473005	869350	64.04%	12.258%
8	13.770	2002	2009	2029	rBV	629298	1144590	84.32%	16.139%

Sum of corrected areas: 7092185

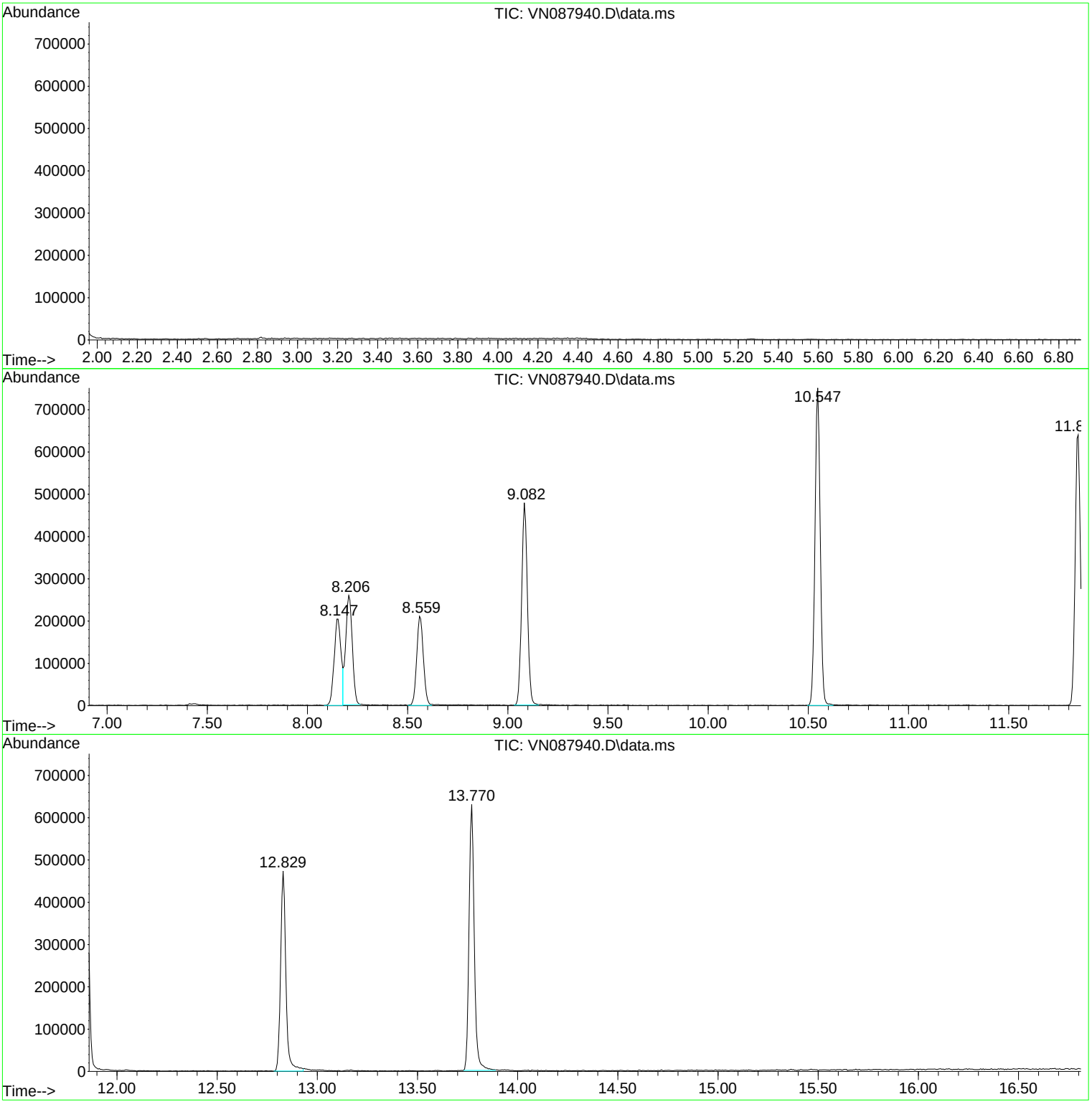
Sample Results: **VN087940.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087940.D
Acq On : 24 Sep 2025 11:46
Operator : JC\MD
Sample : Q3157-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087940.D
Acq On : 24 Sep 2025 11:46
Operator : JC\MD
Sample : Q3157-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087940.D
Acq On : 24 Sep 2025 11:46
Operator : JC\MD
Sample : Q3157-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG No.: Q3157

Instrument ID: MSVOA_N Calibration Date(s): 09/23/2025 09/23/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:33 11:47

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

LAB FILE ID: RRF005 = VN087924.D RRF050 = VN087926.D RRF100 = VN087927.D
RRF150 = VN087928.D RRF020 = VN087930.D RRF =

COMPOUND	RRF005	RRF050	RRF100	RRF150	RRF020	RRF	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.590	0.526	0.505	0.612	0.662		0.579	11
Chloromethane	0.662	0.532	0.497	0.602	0.672		0.593	13.1
Vinyl Chloride	0.656	0.553	0.516	0.613	0.686		0.605	11.7
Bromomethane	0.388	0.320	0.331	0.415	0.422		0.375	12.6
Chloroethane	0.442	0.355	0.337	0.407	0.425		0.393	11.5
Trichlorofluoromethane	1.169	0.883	0.816	0.987	1.068		0.985	14.3
1,1,2-Trichlorotrifluoroethane	0.597	0.475	0.439	0.528	0.563		0.521	12.3
1,1-Dichloroethene	0.591	0.470	0.448	0.539	0.579		0.525	12.2
Acetone	0.417	0.298	0.274	0.326	0.417		0.346	19.4
Carbon Disulfide	1.788	1.485	1.399	1.672	1.862		1.641	12
Methyl tert-butyl Ether	2.047	1.907	1.811	2.256	2.237		2.052	9.6
Methyl Acetate	0.822	0.813	0.767	0.934	0.997		0.866	11
Methylene Chloride	0.871	0.621	0.571	0.680	0.761		0.701	16.9
trans-1,2-Dichloroethene	0.758	0.570	0.542	0.654	0.695		0.644	13.8
1,1-Dichloroethane	1.315	1.057	0.984	1.206	1.268		1.166	12.1
Cyclohexane	1.163	0.827	0.758	0.951	1.020		0.944	16.9
2-Butanone	0.557	0.479	0.453	0.554	0.602		0.529	11.6
Carbon Tetrachloride	0.524	0.461	0.432	0.542	0.545		0.501	10.3
cis-1,2-Dichloroethene	0.852	0.690	0.656	0.804	0.829		0.766	11.5
Bromochloromethane	0.667	0.662	0.598	0.570	0.671		0.634	7.3
Chloroform	1.419	1.145	1.075	1.313	1.424		1.275	12.5
1,1,1-Trichloroethane	1.190	0.958	0.908	1.133	1.197		1.077	12.5
Methylcyclohexane	0.445	0.444	0.435	0.562	0.521		0.482	11.8
Benzene	1.507	1.353	1.258	1.540	1.569		1.445	9.3
1,2-Dichloroethane	0.572	0.484	0.467	0.565	0.609		0.539	11.3
Trichloroethene	0.367	0.315	0.304	0.367	0.374		0.345	9.6
1,2-Dichloropropane	0.391	0.333	0.310	0.377	0.402		0.362	10.9
Bromodichloromethane	0.581	0.521	0.489	0.597	0.616		0.561	9.6
4-Methyl-2-Pentanone	0.532	0.537	0.509	0.614	0.623		0.563	9.2
Toluene	0.897	0.848	0.811	0.998	0.981		0.907	9

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG No.: Q3157

Instrument ID: MSVOA_N Calibration Date(s): 09/23/2025 09/23/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:33 11:47

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

LAB FILE ID: RRF005 = VN087924.D RRF050 = VN087926.D RRF100 = VN087927.D
RRF150 = VN087928.D RRF020 = VN087930.D RRF =

COMPOUND	RRF005	RRF050	RRF100	RRF150	RRF020	RRF	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.556	0.528	0.518	0.650	0.617		0.574	10
cis-1,3-Dichloropropene	0.593	0.544	0.534	0.659	0.651		0.596	9.8
1,1,2-Trichloroethane	0.390	0.339	0.318	0.384	0.413		0.369	10.5
2-Hexanone	0.297	0.369	0.358	0.436	0.402		0.372	14.1
Dibromochloromethane	0.425	0.402	0.391	0.479	0.472		0.434	9.2
1,2-Dibromoethane	0.395	0.362	0.341	0.420	0.435		0.390	10
Tetrachloroethene	0.308	0.279	0.264	0.328	0.345		0.305	11
Chlorobenzene	1.057	0.951	0.940	1.153	1.218		1.064	11.5
Ethyl Benzene	1.650	1.601	1.637	2.022	1.968		1.775	11.4
m/p-Xylenes	0.612	0.637	0.615	0.767	0.765		0.679	11.8
o-Xylene	0.593	0.598	0.601	0.752	0.718		0.652	11.7
Styrene	0.906	1.063	1.061	1.312	1.260		1.120	14.7
Bromoform	0.286	0.285	0.289	0.352	0.344		0.311	10.9
Isopropylbenzene	2.660	2.804	2.859	3.653	3.518		3.099	14.6
1,1,2,2-Tetrachloroethane	1.212	0.979	0.954	1.168	1.269		1.117	12.7
1,3-Dichlorobenzene	1.689	1.403	1.409	1.745	1.798		1.609	11.7
1,4-Dichlorobenzene	1.800	1.413	1.423	1.744	1.888		1.654	13.4
1,2-Dichlorobenzene	1.591	1.357	1.358	1.673	1.776		1.551	12.2
1,2-Dibromo-3-Chloropropane	0.285	0.220	0.221	0.286	0.285		0.259	13.7
1,2,4-Trichlorobenzene	0.867	0.791	0.830	1.099	0.991		0.916	13.9
1,2,3-Trichlorobenzene	0.780	0.783	0.800	1.068	1.020		0.890	15.9
1,2-Dichloroethane-d4	0.852	0.872	0.901	0.877	0.705		0.841	9.3
Dibromofluoromethane	0.376	0.372	0.385	0.376	0.305		0.363	9
Toluene-d8	1.189	1.352	1.429	1.387	1.026		1.277	13.1
4-Bromofluorobenzene	0.432	0.476	0.511	0.496	0.367		0.456	12.8

* 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_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N092325W.M
Title : SW846 8260
Last Update : Wed Sep 24 05:05:30 2025
Response Via : Initial Calibration

Calibration Files
5 =VN087924.D 20 =VN087930.D 50 =VN087926.D 100 =VN087927.D 150 =VN087928.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.590	0.662	0.526	0.505	0.612	0.579	11.05
3)	P	Chloromethane	0.662	0.672	0.532	0.497	0.602	0.593	13.10
4)	C	Vinyl Chloride	0.656	0.686	0.553	0.516	0.613	0.605	11.66#
5)	T	Bromomethane	0.388	0.422	0.320	0.331	0.415	0.375	12.64
6)	T	Chloroethane	0.442	0.425	0.355	0.337	0.407	0.393	11.53
7)	T	Trichlorofluorom...	1.169	1.068	0.883	0.816	0.987	0.985	14.32
8)	T	Diethyl Ether	0.400	0.419	0.339	0.315	0.387	0.372	11.73
9)	T	1,1,2-Trichlorot...	0.597	0.563	0.475	0.439	0.528	0.521	12.30
10)	T	Methyl Iodide	0.335	0.474	0.462	0.478	0.593	0.468	19.57
11)	T	Tert butyl alcohol	0.125	0.139	0.108	0.105	0.129	0.121	12.18
12)	CM	1,1-Dichloroethene	0.591	0.579	0.470	0.448	0.539	0.525	12.18#
13)	T	Acrolein	0.170	0.148	0.120	0.165	0.174	0.156	14.22
14)	T	Allyl chloride	0.898	0.941	0.760	0.750	0.926	0.855	10.82
15)	T	Acrylonitrile	0.395	0.430	0.348	0.328	0.400	0.380	10.86
16)	T	Acetone	0.417	0.417	0.298	0.274	0.326	0.346	19.36
17)	T	Carbon Disulfide	1.788	1.862	1.485	1.399	1.672	1.641	11.96
18)	T	Methyl Acetate	0.822	0.997	0.813	0.767	0.934	0.866	11.00
19)	T	Methyl tert-buty...	2.047	2.237	1.907	1.811	2.256	2.052	9.60
20)	T	Methylene Chloride	0.871	0.761	0.621	0.571	0.680	0.701	16.92
21)	T	trans-1,2-Dichlo...	0.758	0.695	0.570	0.542	0.654	0.644	13.79
22)	T	Diisopropyl ether	2.040	2.153	1.826	1.763	2.199	1.996	9.75
23)	T	Vinyl Acetate	1.585	1.884	1.566	1.502	1.867	1.681	10.75
24)	P	1,1-Dichloroethane	1.315	1.268	1.057	0.984	1.206	1.166	12.08
25)	T	2-Butanone	0.557	0.602	0.479	0.453	0.554	0.529	11.56
26)	T	2,2-Dichloropropane	1.136	1.175	0.932	0.868	1.069	1.036	12.71
27)	T	cis-1,2-Dichloro...	0.852	0.829	0.690	0.656	0.804	0.766	11.45
28)	T	Bromochloromethane	0.667	0.671	0.662	0.598	0.570	0.634	7.35
29)	T	Tetrahydrofuran	0.335	0.379	0.311	0.298	0.371	0.339	10.57
30)	C	Chloroform	1.419	1.424	1.145	1.075	1.313	1.275	12.49#
31)	T	Cyclohexane	1.163	1.020	0.827	0.758	0.951	0.944	16.90
32)	T	1,1,1-Trichloroe...	1.190	1.197	0.958	0.908	1.133	1.077	12.54
33)	S	1,2-Dichloroetha...	0.852	0.705	0.872	0.901	0.877	0.841	9.28
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromet...	0.376	0.305	0.372	0.385	0.376	0.363	8.96
36)	T	1,1-Dichloropropene	0.435	0.472	0.408	0.390	0.478	0.437	8.78
37)	T	Ethyl Acetate	0.602	0.605	0.536	0.503	0.621	0.573	8.88
38)	T	Carbon Tetrachlo...	0.524	0.545	0.461	0.432	0.542	0.501	10.26
39)	T	Methylcyclohexane	0.445	0.521	0.444	0.435	0.562	0.482	11.81
40)	TM	Benzene	1.507	1.569	1.353	1.258	1.540	1.445	9.26
41)	T	Methacrylonitrile	0.290	0.314	0.288	0.263	0.327	0.296	8.37
42)	TM	1,2-Dichloroethane	0.572	0.609	0.484	0.467	0.565	0.539	11.30
43)	T	Isopropyl Acetate	0.885	0.976	0.834	0.809	1.007	0.902	9.63
44)	TM	Trichloroethene	0.367	0.374	0.315	0.304	0.367	0.345	9.59
45)	C	1,2-Dichloropropane	0.391	0.402	0.333	0.310	0.377	0.362	10.93#
46)	T	Dibromomethane	0.283	0.329	0.260	0.250	0.307	0.286	11.42
47)	T	Bromodichloromet...	0.581	0.616	0.521	0.489	0.597	0.561	9.56
48)	T	Methyl methacrylate	0.392	0.446	0.389	0.384	0.479	0.418	10.19
49)	T	1,4-Dioxane	0.006	0.007	0.006	0.005	0.007	0.006	11.38
50)	S	Toluene-d8	1.189	1.026	1.352	1.429	1.387	1.277	13.06
51)	T	4-Methyl-2-Penta...	0.532	0.623	0.537	0.509	0.614	0.563	9.20
52)	CM	Toluene	0.897	0.981	0.848	0.811	0.998	0.907	9.02#
53)	T	t-1,3-Dichloropr...	0.556	0.617	0.528	0.518	0.650	0.574	10.00
54)	T	cis-1,3-Dichloro...	0.593	0.651	0.544	0.534	0.659	0.596	9.76
55)	T	1,1,2-Trichloroe...	0.390	0.413	0.339	0.318	0.384	0.369	10.55
56)	T	Ethyl methacrylate	0.433	0.561	0.515	0.513	0.644	0.533	14.50

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N092325W.M

57)	T	1,3-Dichloropropane	0.610	0.667	0.567	0.539	0.651	0.607	8.94
58)	T	2-Chloroethyl Vi...	0.193	0.278	0.219	0.250	0.312	0.251	18.74
59)	T	2-Hexanone	0.297	0.402	0.369	0.358	0.436	0.372	14.07
60)	T	Dibromochloromet...	0.425	0.472	0.402	0.391	0.479	0.434	9.19
61)	T	1,2-Dibromoethane	0.395	0.435	0.362	0.341	0.420	0.390	10.02
62)	S	4-Bromofluoroben...	0.432	0.367	0.476	0.511	0.496	0.456	12.76
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.308	0.345	0.279	0.264	0.328	0.305	10.99
65)	PM	Chlorobenzene	1.057	1.218	0.951	0.940	1.153	1.064	11.49
66)	T	1,1,1,2-Tetrachl...	0.402	0.423	0.349	0.335	0.409	0.384	10.11
67)	C	Ethyl Benzene	1.650	1.968	1.601	1.637	2.022	1.775	11.39#
68)	T	m/p-Xylenes	0.612	0.765	0.637	0.615	0.767	0.679	11.77
69)	T	o-Xylene	0.593	0.718	0.598	0.601	0.752	0.652	11.72
70)	T	Styrene	0.906	1.260	1.063	1.061	1.312	1.120	14.72
71)	P	Bromoform	0.286	0.344	0.285	0.289	0.352	0.311	10.91
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	2.660	3.518	2.804	2.859	3.653	3.099	14.61
74)	T	N-amyl acetate		1.023	0.884	0.942	1.236	1.021	15.09
75)	P	1,1,2,2-Tetrachl...	1.212	1.269	0.979	0.954	1.168	1.117	12.71
76)	T	1,2,3-Trichlorop...	0.969	1.172	0.866	0.857	1.064	0.986	13.63
77)	T	Bromobenzene	0.851	0.919	0.716	0.720	0.916	0.825	12.22
78)	T	n-propylbenzene	3.637	4.345	3.468	3.493	4.429	3.874	12.22
79)	T	2-Chlorotoluene	2.330	2.636	2.084	2.098	2.647	2.359	11.68
80)	T	1,3,5-Trimethylb...	2.388	3.064	2.400	2.472	3.079	2.680	13.36
81)	T	trans-1,4-Dichlo...	0.303	0.381	0.308	0.337	0.447	0.355	16.84
82)	T	4-Chlorotoluene	2.124	2.748	2.146	2.162	2.705	2.377	13.44
83)	T	tert-Butylbenzene	1.963	2.581	2.059	2.118	2.623	2.269	13.64
84)	T	1,2,4-Trimethylb...	2.418	3.101	2.514	2.539	3.174	2.749	13.04
85)	T	sec-Butylbenzene	3.078	3.736	3.004	3.023	3.790	3.326	12.03
86)	T	p-Isopropyltoluene	2.496	3.176	2.558	2.591	3.264	2.817	13.16
87)	T	1,3-Dichlorobenzene	1.689	1.798	1.403	1.409	1.745	1.609	11.75
88)	T	1,4-Dichlorobenzene	1.800	1.888	1.413	1.423	1.744	1.654	13.39
89)	T	n-Butylbenzene	2.481	3.002	2.372	2.418	3.039	2.662	12.36
90)	T	Hexachloroethane	0.631	0.665	0.505	0.509	0.633	0.588	12.88
91)	T	1,2-Dichlorobenzene	1.591	1.776	1.357	1.358	1.673	1.551	12.15
92)	T	1,2-Dibromo-3-Ch...	0.285	0.285	0.220	0.221	0.286	0.259	13.71
93)	T	1,2,4-Trichlorob...	0.867	0.991	0.791	0.830	1.099	0.916	13.89
94)	T	Hexachlorobutadiene	0.348	0.381	0.293	0.288	0.375	0.337	13.11
95)	T	Naphthalene	2.398	3.241	2.601	2.761	3.697	2.939	17.88
96)	T	1,2,3-Trichlorob...	0.780	1.020	0.783	0.800	1.068	0.890	15.91

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	222356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	420635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	399169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	18952	5.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.120%#		
35) Dibromofluoromethane	8.153	113	15821	5.180	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.360%#		
50) Toluene-d8	10.541	98	50031	4.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.320%#		
62) 4-Bromofluorobenzene	12.829	95	18155	4.729	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	13126	5.097	ug/l	99
3) Chloromethane	2.383	50	14715	5.581	ug/l	93
4) Vinyl Chloride	2.536	62	14589	5.423	ug/l	93
5) Bromomethane	2.971	94	8627	5.173	ug/l	89
6) Chloroethane	3.136	64	9834	5.623	ug/l	93
7) Trichlorofluoromethane	3.512	101	25997	5.936	ug/l	99
8) Diethyl Ether	3.965	74	8903	5.381	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	13274	5.734	ug/l	97
10) Methyl Iodide	4.589	142	7442	3.572	ug/l	98
11) Tert butyl alcohol	5.518	59	13898	25.785	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	13134	5.623	ug/l	85
13) Acrolein	4.171	56	18861	27.272	ug/l	100
14) Allyl chloride	5.012	41	19959	5.249	ug/l	92
15) Acrylonitrile	5.712	53	43865	25.945	ug/l	99
16) Acetone	4.430	43	46306m	29.892	ug/l	
17) Carbon Disulfide	4.700	76	39748	5.447	ug/l	100
18) Methyl Acetate	5.012	43	18268	4.741	ug/l #	57
19) Methyl tert-butyl Ether	5.794	73	45522	4.989	ug/l	100
20) Methylene Chloride	5.265	84	19358	6.212	ug/l #	94
21) trans-1,2-Dichloroethene	5.777	96	16849	5.884	ug/l	91
22) Diisopropyl ether	6.665	45	45352	5.109	ug/l #	94
23) Vinyl Acetate	6.588	43	176170	23.571	ug/l	98
24) 1,1-Dichloroethane	6.553	63	29249	5.640	ug/l	95
25) 2-Butanone	7.477	43	61960	26.329	ug/l	94
26) 2,2-Dichloropropane	7.471	77	25251	5.480	ug/l	97
27) cis-1,2-Dichloroethene	7.465	96	18948	5.562	ug/l	97
28) Bromochloromethane	7.794	49	14841	5.267	ug/l	98
29) Tetrahydrofuran	7.824	42	37229	24.706	ug/l	98
30) Chloroform	7.947	83	31560	5.566	ug/l	94
31) Cyclohexane	8.235	56	25850	6.160	ug/l	86
32) 1,1,1-Trichloroethane	8.153	97	26469	5.524	ug/l #	86
36) 1,1-Dichloropropene	8.359	75	18296	4.982	ug/l	95
37) Ethyl Acetate	7.553	43	25308	5.248	ug/l #	96
38) Carbon Tetrachloride	8.347	117	22056	5.234	ug/l	99
39) Methylcyclohexane	9.582	83	18721	4.621	ug/l #	85
40) Benzene	8.594	78	63389	5.213	ug/l	95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	12197	4.894	ug/l	#	93
42) 1,2-Dichloroethane	8.647	62	24064	5.303	ug/l		99
43) Isopropyl Acetate	8.676	43	37238	4.906	ug/l		99
44) Trichloroethene	9.329	130	15430	5.313	ug/l		87
45) 1,2-Dichloropropane	9.606	63	16459	5.398	ug/l	#	75
46) Dibromomethane	9.694	93	11919	4.954	ug/l		97
47) Bromodichloromethane	9.865	83	24450	5.181	ug/l	#	93
48) Methyl methacrylate	9.665	41	16484	4.689	ug/l		89
49) 1,4-Dioxane	9.688	88	5284	101.752	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.423	43	111966	23.639	ug/l		97
52) Toluene	10.606	92	37730	4.945	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	23406	4.847	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	24940	4.972	ug/l		93
55) 1,1,2-Trichloroethane	10.994	97	16385	5.281	ug/l	#	82
56) Ethyl methacrylate	10.859	69	18199	4.060	ug/l		96
57) 1,3-Dichloropropane	11.141	76	25677	5.032	ug/l		94
58) 2-Chloroethyl Vinyl ether	10.141	63	40658	19.289	ug/l		100
59) 2-Hexanone	11.182	43	62373	19.915	ug/l		98
60) Dibromochloromethane	11.335	129	17873	4.900	ug/l		97
61) 1,2-Dibromoethane	11.447	107	16603	5.055	ug/l		96
64) Tetrachloroethene	11.076	164	12289	5.054	ug/l		94
65) Chlorobenzene	11.870	112	42197	4.968	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.935	131	16032	5.234	ug/l		94
67) Ethyl Benzene	11.947	91	65844	4.645	ug/l		99
68) m/p-Xylenes	12.053	106	48826	9.007	ug/l		100
69) o-Xylene	12.382	106	23662	4.543	ug/l		99
70) Styrene	12.388	104	36168	4.043	ug/l		98
71) Bromoform	12.564	173	11400	4.587	ug/l	#	94
73) Isopropylbenzene	12.670	105	53756	4.291	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.917	83	24506	5.429	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	19585m	4.885	ug/l		
77) Bromobenzene	12.959	156	17210	5.163	ug/l		95
78) n-propylbenzene	13.011	91	73512	4.694	ug/l		100
79) 2-Chlorotoluene	13.106	91	47102	4.939	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	48265	4.454	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.729	75	6119	4.265	ug/l		95
82) 4-Chlorotoluene	13.200	91	42937	4.468	ug/l		95
83) tert-Butylbenzene	13.411	119	39678	4.326	ug/l		93
84) 1,2,4-Trimethylbenzene	13.464	105	48866	4.397	ug/l		99
85) sec-Butylbenzene	13.594	105	62218	4.627	ug/l		100
86) p-Isopropyltoluene	13.706	119	50459	4.431	ug/l		97
87) 1,3-Dichlorobenzene	13.711	146	34148	5.250	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	36387	5.444	ug/l		92
89) n-Butylbenzene	14.029	91	50142	4.659	ug/l		94
90) Hexachloroethane	14.311	117	12750	5.359	ug/l		95
91) 1,2-Dichlorobenzene	14.088	146	32149	5.128	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.688	75	5752	5.485	ug/l		83
93) 1,2,4-Trichlorobenzene	15.370	180	17526	4.735	ug/l		95
94) Hexachlorobutadiene	15.476	225	7041	5.168	ug/l		95
95) Naphthalene	15.611	128	48467	4.079	ug/l		97
96) 1,2,3-Trichlorobenzene	15.811	180	15763	4.380	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

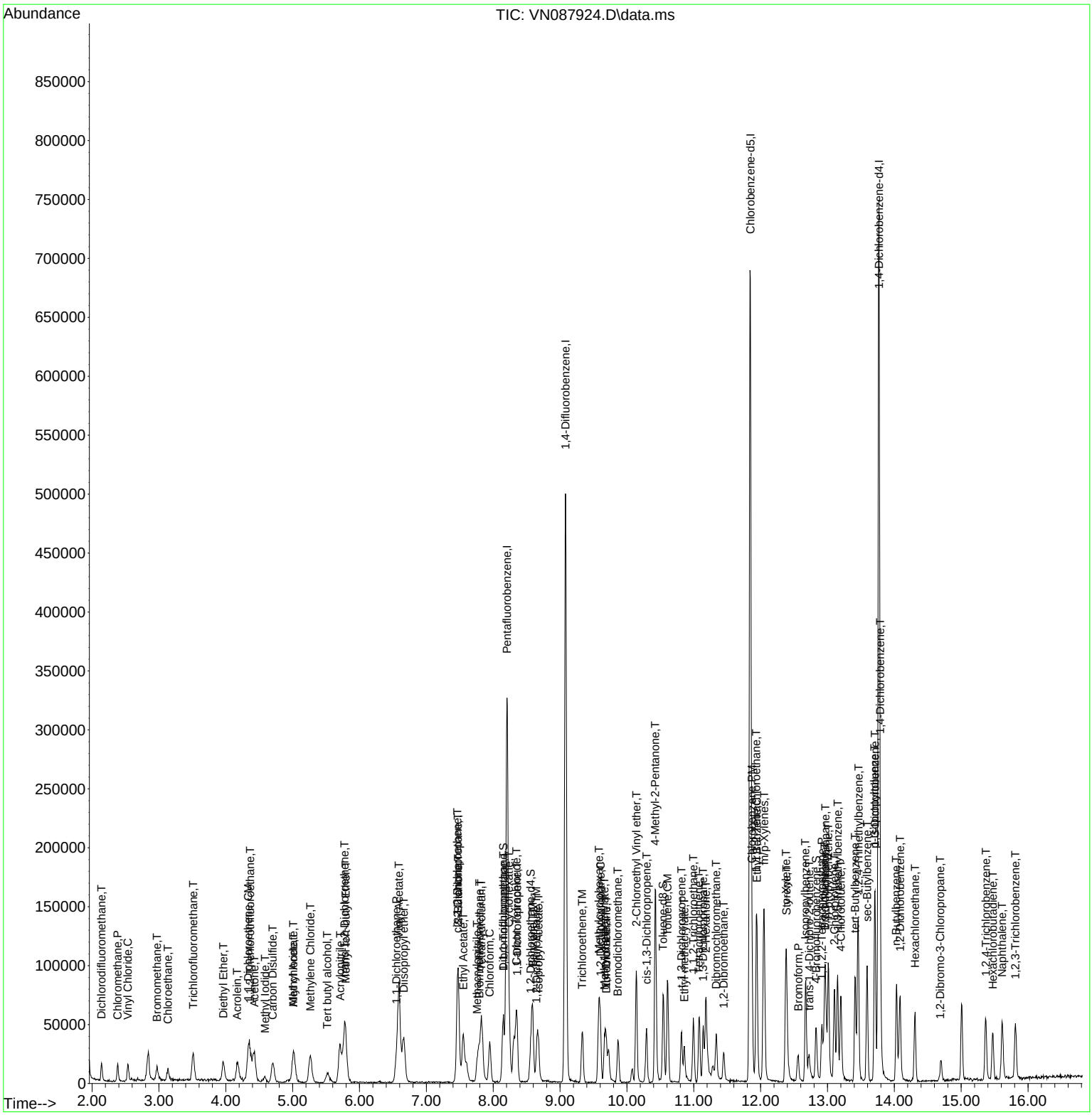
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	254576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	459281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	454459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	250450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	222035	51.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	8.147	113	170968	51.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	10.547	98	621058	52.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.829	95	218627	52.158	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	133988	45.447	ug/l	100
3) Chloromethane	2.383	50	135318	44.826	ug/l	100
4) Vinyl Chloride	2.536	62	140827	45.727	ug/l	100
5) Bromomethane	2.971	94	81343	42.604	ug/l	100
6) Chloroethane	3.136	64	90403	45.146	ug/l	100
7) Trichlorofluoromethane	3.512	101	224857	44.843	ug/l	100
8) Diethyl Ether	3.965	74	86217	45.512	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	120911	45.623	ug/l	100
10) Methyl Iodide	4.583	142	117736	49.360	ug/l	100
11) Tert butyl alcohol	5.518	59	137080	222.139	ug/l	100
12) 1,1-Dichloroethene	4.330	96	119621	44.733	ug/l	100
13) Acrolein	4.177	56	152801	192.981	ug/l	100
14) Allyl chloride	5.012	41	193562	44.461	ug/l	100
15) Acrylonitrile	5.706	53	443203	228.967	ug/l	100
16) Acetone	4.424	43	379293	213.856	ug/l	100
17) Carbon Disulfide	4.706	76	378095	45.253	ug/l	100
18) Methyl Acetate	5.012	43	206999	46.922	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	485562	46.482	ug/l	100
20) Methylene Chloride	5.265	84	158103	44.311	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	145042	44.244	ug/l	100
22) Diisopropyl ether	6.659	45	464786	45.733	ug/l	100
23) Vinyl Acetate	6.589	43	1993514m	232.968	ug/l	
24) 1,1-Dichloroethane	6.553	63	269051	45.314	ug/l	100
25) 2-Butanone	7.471	43	609821	226.338	ug/l	100
26) 2,2-Dichloropropane	7.477	77	237294	44.982	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	175636	45.028	ug/l	100
28) Bromochloromethane	7.794	49	168545	52.246	ug/l	100
29) Tetrahydrofuran	7.824	42	395920	229.492	ug/l	100
30) Chloroform	7.947	83	291394	44.884	ug/l	100
31) Cyclohexane	8.241	56	210496	43.814	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	243908	44.463	ug/l	100
36) 1,1-Dichloropropene	8.353	75	187383	46.732	ug/l	100
37) Ethyl Acetate	7.547	43	245980	46.716	ug/l	100
38) Carbon Tetrachloride	8.341	117	211771	46.026	ug/l	100
39) Methylcyclohexane	9.577	83	204121	46.146	ug/l	100
40) Benzene	8.588	78	621393	46.804	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	132245	48.599	ug/l	100
42) 1,2-Dichloroethane	8.653	62	222149	44.838	ug/l	100
43) Isopropyl Acetate	8.671	43	383082	46.221	ug/l	100
44) Trichloroethene	9.335	130	144464	45.554	ug/l	100
45) 1,2-Dichloropropane	9.600	63	152778	45.892	ug/l	100
46) Dibromomethane	9.688	93	119379	45.445	ug/l	100
47) Bromodichloromethane	9.871	83	239213	46.428	ug/l	100
48) Methyl methacrylate	9.665	41	178460	46.496	ug/l	100
49) 1,4-Dioxane	9.677	88	51757	912.802	ug/l	100
51) 4-Methyl-2-Pentanone	10.424	43	1234001	238.604	ug/l	100
52) Toluene	10.612	92	389268	46.724	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	242702	46.026	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	249831	45.616	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	155665	45.952	ug/l	100
56) Ethyl methacrylate	10.853	69	236371	48.290	ug/l	100
57) 1,3-Dichloropropane	11.141	76	260217	46.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	503361	218.716	ug/l	100
59) 2-Hexanone	11.176	43	846472	247.530	ug/l	100
60) Dibromochloromethane	11.335	129	184637	46.357	ug/l	100
61) 1,2-Dibromoethane	11.447	107	166047	46.302	ug/l	100
64) Tetrachloroethene	11.082	164	126588	45.728	ug/l	100
65) Chlorobenzene	11.871	112	432322	44.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	158774	45.525	ug/l	100
67) Ethyl Benzene	11.941	91	727479	45.080	ug/l	100
68) m/p-Xylenes	12.047	106	578820	93.784	ug/l	100
69) o-Xylene	12.376	106	271677	45.817	ug/l	100
70) Styrene	12.388	104	483179	47.446	ug/l	100
71) Bromoform	12.559	173	129687	45.833	ug/l	100
73) Isopropylbenzene	12.670	105	702353	45.248	ug/l	100
74) N-amyl acetate	12.500	43	221335m	47.870	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	245260	43.853	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	216939m	43.667	ug/l	
77) Bromobenzene	12.959	156	179418	43.443	ug/l	100
78) n-propylbenzene	13.012	91	868436	44.749	ug/l	100
79) 2-Chlorotoluene	13.100	91	521993	44.174	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	601032	44.765	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	77199	43.422	ug/l	100
82) 4-Chlorotoluene	13.200	91	537514	45.143	ug/l	100
83) tert-Butylbenzene	13.412	119	515745	45.383	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	629687	45.724	ug/l	100
85) sec-Butylbenzene	13.594	105	752465	45.162	ug/l	100
86) p-Isopropyltoluene	13.706	119	640667	45.400	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	351453	43.608	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	353807	42.717	ug/l	100
89) n-Butylbenzene	14.029	91	594156	44.552	ug/l	100
90) Hexachloroethane	14.312	117	126396	42.879	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	339824	43.744	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	55187	42.468	ug/l	100
93) 1,2,4-Trichlorobenzene	15.364	180	198112	43.192	ug/l	100
94) Hexachlorobutadiene	15.470	225	73457	43.512	ug/l	100
95) Naphthalene	15.611	128	651337	44.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	196179	43.995	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

ICAL Form

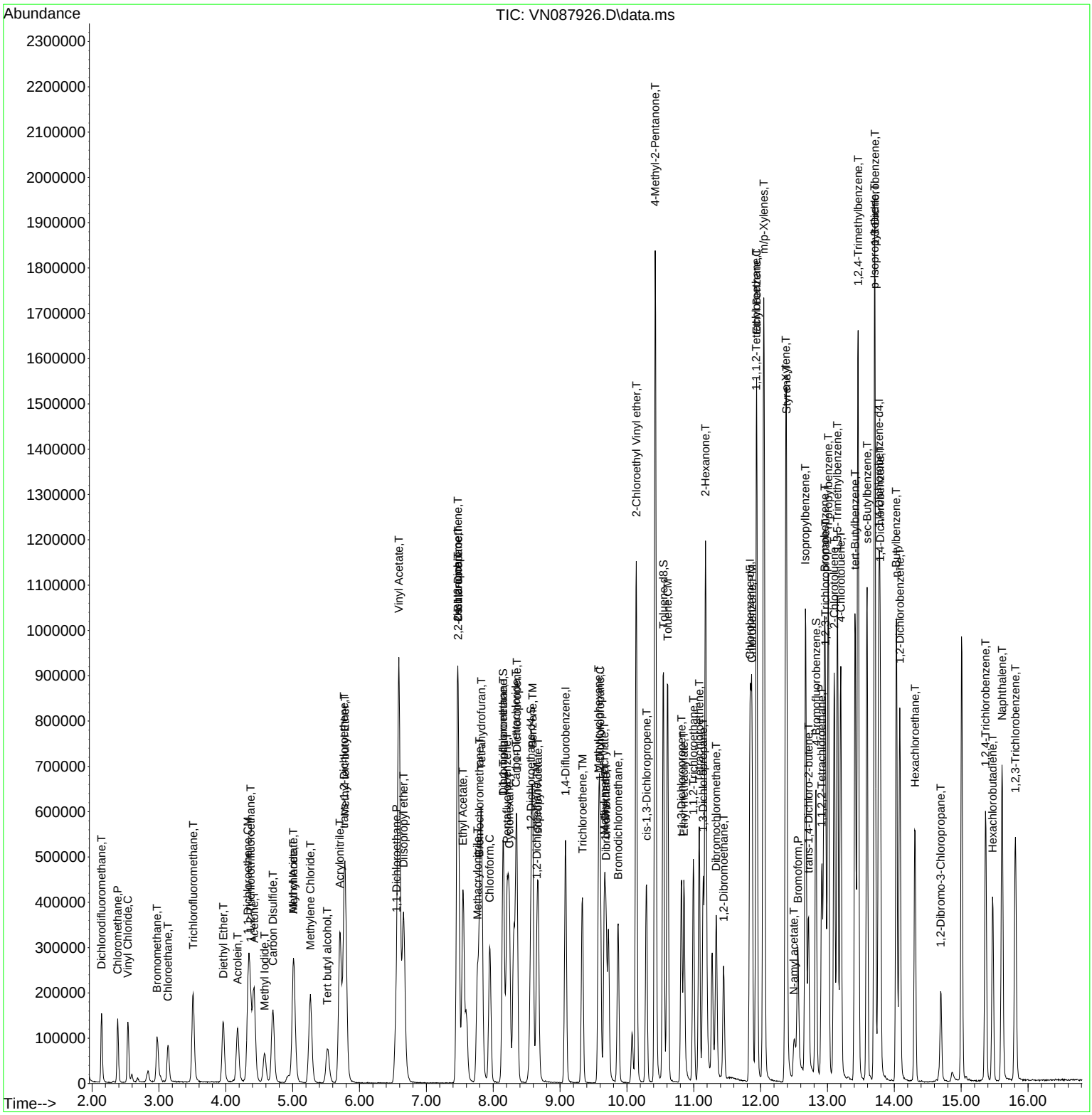
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	250140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	448432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	431445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	450719	107.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 214.140%#			
35) Dibromofluoromethane	8.147	113	345448	106.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 212.200%#			
50) Toluene-d8	10.547	98	1281272	111.905	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 223.820%#			
62) 4-Bromofluorobenzene	12.829	95	458572	112.049	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 224.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	252462	87.151	ug/l	97
3) Chloromethane	2.383	50	248449	83.763	ug/l	100
4) Vinyl Chloride	2.536	62	258079	85.285	ug/l	100
5) Bromomethane	2.959	94	165493	88.215	ug/l	98
6) Chloroethane	3.130	64	168581	85.680	ug/l	92
7) Trichlorofluoromethane	3.506	101	408423	82.895	ug/l	96
8) Diethyl Ether	3.959	74	157544	84.639	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	219815	84.412	ug/l	98
10) Methyl Iodide	4.577	142	238972	101.965	ug/l	96
11) Tert butyl alcohol	5.524	59	261539	431.343	ug/l	98
12) 1,1-Dichloroethene	4.336	96	224049	85.270	ug/l	95
13) Acrolein	4.177	56	413952	532.076	ug/l	97
14) Allyl chloride	5.012	41	375296	87.735	ug/l	99
15) Acrylonitrile	5.712	53	820847	431.586	ug/l	99
16) Acetone	4.418	43	684989	393.064	ug/l	98
17) Carbon Disulfide	4.700	76	699756	85.238	ug/l	97
18) Methyl Acetate	5.018	43	383631	88.503	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	905869	88.256	ug/l	100
20) Methylene Chloride	5.259	84	285438	81.418	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	271323	84.233	ug/l	92
22) Diisopropyl ether	6.659	45	881761	88.301	ug/l	95
23) Vinyl Acetate	6.589	43	3755895m	446.709	ug/l	
24) 1,1-Dichloroethane	6.553	63	492345	84.392	ug/l	99
25) 2-Butanone	7.471	43	1133783	428.271	ug/l	99
26) 2,2-Dichloropropane	7.477	77	434345	83.795	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	327964	85.571	ug/l	99
28) Bromochloromethane	7.800	49	299346	94.438	ug/l	100
29) Tetrahydrofuran	7.824	42	745260	439.646	ug/l	99
30) Chloroform	7.947	83	537746	84.299	ug/l	97
31) Cyclohexane	8.241	56	379372	80.366	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	454412	84.305	ug/l	97
36) 1,1-Dichloropropene	8.353	75	350081	89.421	ug/l	98
37) Ethyl Acetate	7.547	43	451409	87.805	ug/l	99
38) Carbon Tetrachloride	8.341	117	387306	86.213	ug/l	96
39) Methylcyclohexane	9.582	83	390119	90.330	ug/l	99
40) Benzene	8.588	78	1128183	87.033	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.765	41	235709	88.718 ug/l	95
42) 1,2-Dichloroethane	8.653	62	419019	86.620 ug/l	99
43) Isopropyl Acetate	8.671	43	725147	89.609 ug/l	99
44) Trichloroethene	9.335	130	272727	88.080 ug/l	90
45) 1,2-Dichloropropane	9.600	63	277676	85.427 ug/l	100
46) Dibromomethane	9.688	93	224518	87.537 ug/l	97
47) Bromodichloromethane	9.865	83	438840	87.234 ug/l	98
48) Methyl methacrylate	9.659	41	343963	91.785 ug/l	96
49) 1,4-Dioxane	9.677	88	94746	1711.395 ug/l #	85
51) 4-Methyl-2-Pentanone	10.424	43	2280534	451.629 ug/l	99
52) Toluene	10.606	92	727172	89.394 ug/l	99
53) t-1,3-Dichloropropene	10.818	75	464641	90.246 ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	479067	89.589 ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	285624	86.356 ug/l	99
56) Ethyl methacrylate	10.853	69	459730	96.195 ug/l	99
57) 1,3-Dichloropropane	11.141	76	483097	88.803 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1121816	499.234 ug/l	98
59) 2-Hexanone	11.176	43	1603636	480.290 ug/l	98
60) Dibromochloromethane	11.335	129	350657	90.171 ug/l	99
61) 1,2-Dibromoethane	11.447	107	306002	87.393 ug/l	100
64) Tetrachloroethene	11.082	164	227824	86.687 ug/l	97
65) Chlorobenzene	11.871	112	811449	88.379 ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	289426	87.414 ug/l	99
67) Ethyl Benzene	11.941	91	1412236	92.180 ug/l	98
68) m/p-Xylenes	12.047	106	1061087	181.095 ug/l	97
69) o-Xylene	12.376	106	518806	92.161 ug/l	97
70) Styrene	12.388	104	915672	94.710 ug/l	98
71) Bromoform	12.559	173	249268	92.794 ug/l #	99
73) Isopropylbenzene	12.670	105	1331440	92.265 ug/l	100
74) N-amyl acetate	12.494	43	438667m	102.053 ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	444065	85.408 ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	398893m	86.367 ug/l	
77) Bromobenzene	12.959	156	335228	87.310 ug/l	99
78) n-propylbenzene	13.012	91	1626563	90.155 ug/l	99
79) 2-Chlorotoluene	13.100	91	977059	88.941 ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	1151230	92.232 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	156770	94.849 ug/l	98
82) 4-Chlorotoluene	13.200	91	1006766	90.951 ug/l	100
83) tert-Butylbenzene	13.412	119	986126	93.339 ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	1182488	92.362 ug/l	100
85) sec-Butylbenzene	13.594	105	1407683	90.879 ug/l	98
86) p-Isopropyltoluene	13.706	119	1206696	91.980 ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	656218	87.583 ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	662481	86.037 ug/l	98
89) n-Butylbenzene	14.035	91	1126206	90.837 ug/l	100
90) Hexachloroethane	14.306	117	236932	86.459 ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	632359	87.559 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	102736	85.039 ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	386396	90.615 ug/l	96
94) Hexachlorobutadiene	15.470	225	134018	85.390 ug/l	99
95) Naphthalene	15.611	128	1285628	93.924 ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	372476	89.850 ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

ICAL Form

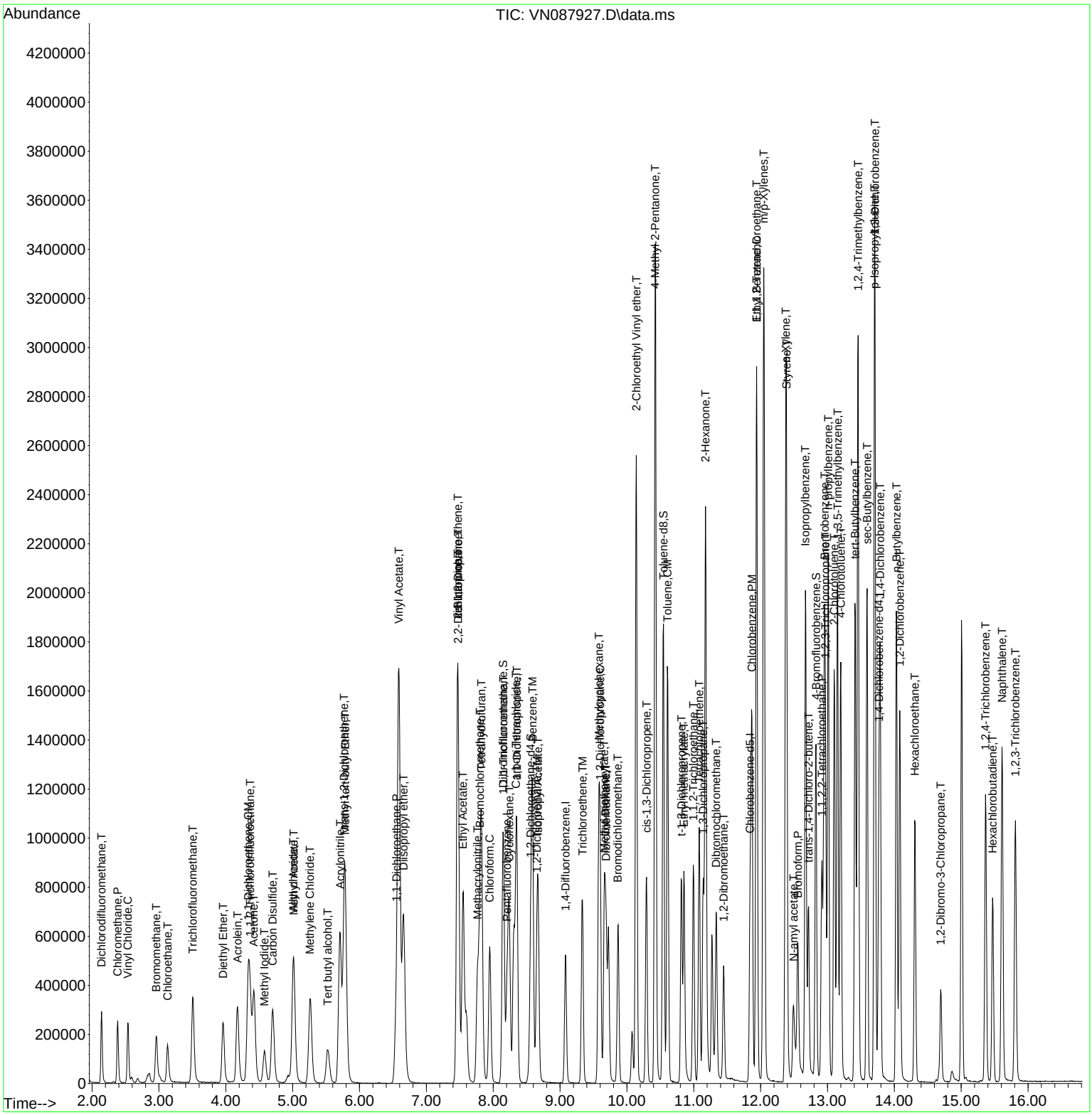
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	261684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	688147	156.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 312.520%#			
35) Dibromofluoromethane	8.147	113	529816	155.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.800%#			
50) Toluene-d8	10.547	98	1953189	162.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 325.820%#			
62) 4-Bromofluorobenzene	12.829	95	698306	162.944	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 325.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	480645	158.601	ug/l	97
3) Chloromethane	2.383	50	472896	152.400	ug/l	99
4) Vinyl Chloride	2.536	62	481283	152.029	ug/l	99
5) Bromomethane	2.942	94	325624	165.915	ug/l	97
6) Chloroethane	3.118	64	319724	155.328	ug/l	96
7) Trichlorofluoromethane	3.500	101	775109	150.380	ug/l	98
8) Diethyl Ether	3.959	74	304158	156.198	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	414564	152.176	ug/l	97
10) Methyl Iodide	4.577	142	465699	189.939	ug/l	97
11) Tert butyl alcohol	5.530	59	507633	800.280	ug/l	99
12) 1,1-Dichloroethene	4.336	96	423177	153.951	ug/l	91
13) Acrolein	4.177	56	683544	839.839	ug/l	95
14) Allyl chloride	5.012	41	726966	162.449	ug/l	96
15) Acrylonitrile	5.706	53	1569579	788.849	ug/l	99
16) Acetone	4.418	43	1277870	700.927	ug/l	98
17) Carbon Disulfide	4.700	76	1312297	152.800	ug/l	98
18) Methyl Acetate	5.012	43	732961	161.634	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	1771056	164.937	ug/l	98
20) Methylene Chloride	5.259	84	534218	145.657	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	513466	152.375	ug/l	96
22) Diisopropyl ether	6.659	45	1726637	165.280	ug/l	97
23) Vinyl Acetate	6.588	43	7327627m	833.068	ug/l	
24) 1,1-Dichloroethane	6.553	63	947100	155.178	ug/l	99
25) 2-Butanone	7.471	43	2176088	785.726	ug/l	98
26) 2,2-Dichloropropane	7.471	77	839353	154.787	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	631177	157.420	ug/l	99
28) Bromochloromethane	7.794	49	447101	134.830	ug/l	100
29) Tetrahydrofuran	7.824	42	1456588	821.368	ug/l	99
30) Chloroform	7.947	83	1030586	154.431	ug/l	100
31) Cyclohexane	8.235	56	746273	151.116	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	889373	157.722	ug/l	97
36) 1,1-Dichloropropene	8.353	75	673022	164.170	ug/l	98
37) Ethyl Acetate	7.547	43	874349	162.416	ug/l	98
38) Carbon Tetrachloride	8.341	117	763232	162.245	ug/l	93
39) Methylcyclohexane	9.576	83	791897	175.104	ug/l	98
40) Benzene	8.588	78	2169328	159.817	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.765	41	460218	165.421 ug/l		97
42) 1,2-Dichloroethane	8.653	62	796063	157.154 ug/l		99
43) Isopropyl Acetate	8.671	43	1418775	167.431 ug/l		99
44) Trichloroethene	9.329	130	517259	159.533 ug/l		96
45) 1,2-Dichloropropane	9.600	63	530435	155.841 ug/l		98
46) Dibromomethane	9.688	93	432679	161.101 ug/l		96
47) Bromodichloromethane	9.865	83	840816	159.615 ug/l		97
48) Methyl methacrylate	9.665	41	674610	171.912 ug/l		96
49) 1,4-Dioxane	9.682	88	190965	3294.105 ug/l	#	82
51) 4-Methyl-2-Pentanone	10.424	43	4326882	818.303 ug/l		100
52) Toluene	10.606	92	1406217	165.088 ug/l		100
53) t-1,3-Dichloropropene	10.818	75	916112	169.924 ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	928185	165.762 ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	540596	156.087 ug/l		98
56) Ethyl methacrylate	10.853	69	907047	181.247 ug/l		98
57) 1,3-Dichloropropane	11.141	76	916449	160.877 ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	2200367	935.130 ug/l		98
59) 2-Hexanone	11.176	43	3073538	879.085 ug/l		98
60) Dibromochloromethane	11.335	129	674217	165.568 ug/l		99
61) 1,2-Dibromoethane	11.447	107	590968	161.179 ug/l		100
64) Tetrachloroethene	11.082	164	440710	161.378 ug/l		95
65) Chlorobenzene	11.870	112	1551249	162.594 ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.935	131	550130	159.899 ug/l		98
67) Ethyl Benzene	11.941	91	2719603	170.833 ug/l		98
68) m/p-Xylenes	12.047	106	2063388	338.900 ug/l		98
69) o-Xylene	12.376	106	1010983	172.832 ug/l		99
70) Styrene	12.388	104	1764226	175.610 ug/l		99
71) Bromoform	12.559	173	473708	169.708 ug/l	#	99
73) Isopropylbenzene	12.670	105	2569941	176.821 ug/l		100
74) N-amyl acetate	12.482	43	869458	200.832 ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	12.917	83	821974	156.965 ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	748421m	160.891 ug/l		
77) Bromobenzene	12.959	156	644570	166.683 ug/l		97
78) n-propylbenzene	13.012	91	3116141	171.486 ug/l		99
79) 2-Chlorotoluene	13.100	91	1861996	168.288 ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	2165785	172.277 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	314140	188.706 ug/l		97
82) 4-Chlorotoluene	13.200	91	1903146	170.704 ug/l		99
83) tert-Butylbenzene	13.417	119	1845254	173.412 ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	2233067	173.177 ug/l		100
85) sec-Butylbenzene	13.594	105	2666471	170.918 ug/l		99
86) p-Isopropyltoluene	13.706	119	2296563	173.808 ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	1227647	162.683 ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	1227019	158.218 ug/l		98
89) n-Butylbenzene	14.035	91	2137754	171.197 ug/l		99
90) Hexachloroethane	14.306	117	445654	161.465 ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	1177111	161.827 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	201299	165.436 ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	773312	180.060 ug/l		97
94) Hexachlorobutadiene	15.470	225	263904	166.949 ug/l		100
95) Naphthalene	15.611	128	2600638	188.641 ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	751222	179.922 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

ICAL Form

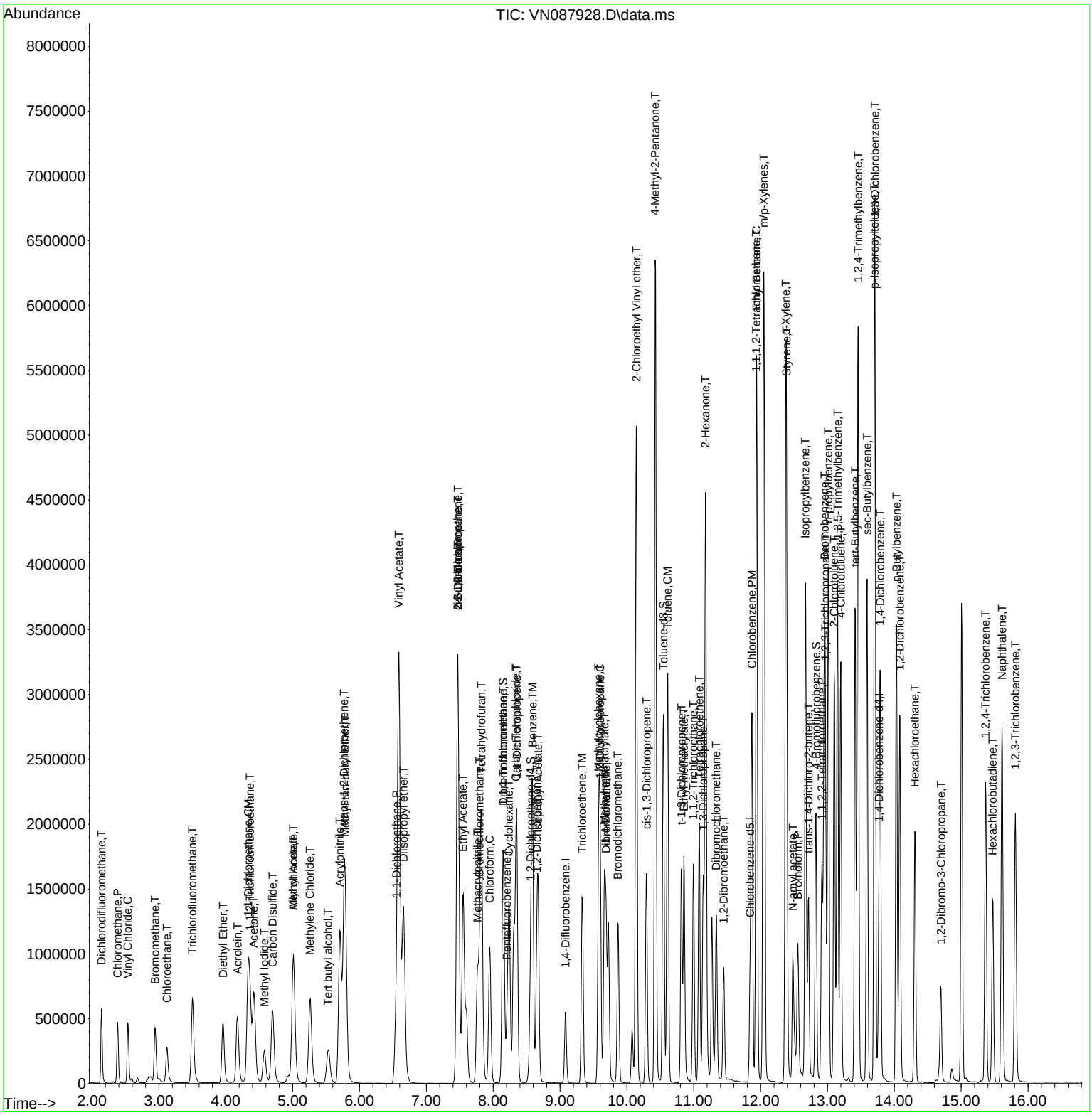
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	245129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	451275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	417832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	69157	16.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	33.520%#		
35) Dibromofluoromethane	8.147	113	55145	16.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.660%#		
50) Toluene-d8	10.547	98	185268	16.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.160%#		
62) 4-Bromofluorobenzene	12.829	95	66245	16.084	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	32.160%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	64880	22.855	ug/l	100
3) Chloromethane	2.383	50	65904	22.673	ug/l	95
4) Vinyl Chloride	2.542	62	67280	22.688	ug/l	97
5) Bromomethane	2.977	94	41366	22.501	ug/l	98
6) Chloroethane	3.136	64	41658	21.605	ug/l	90
7) Trichlorofluoromethane	3.512	101	104725	21.690	ug/l	99
8) Diethyl Ether	3.953	74	41074	22.518	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	55225	21.641	ug/l	97
10) Methyl Iodide	4.583	142	46507	20.249	ug/l	99
11) Tert butyl alcohol	5.524	59	68350	115.030	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	56732	22.033	ug/l	83
13) Acrolein	4.177	56	72676	95.324	ug/l	98
14) Allyl chloride	5.018	41	92277	22.013	ug/l	95
15) Acrylonitrile	5.718	53	210865	113.135	ug/l	98
16) Acetone	4.424	43	204534	119.766	ug/l	99
17) Carbon Disulfide	4.706	76	182548	22.691	ug/l	100
18) Methyl Acetate	5.018	43	97764	23.015	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	219348	21.807	ug/l	97
20) Methylene Chloride	5.265	84	74638	21.725	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	68186	21.601	ug/l	89
22) Diisopropyl ether	6.659	45	211107	21.573	ug/l	97
23) Vinyl Acetate	6.588	43	923787m	112.117	ug/l	
24) 1,1-Dichloroethane	6.553	63	124326	21.746	ug/l	98
25) 2-Butanone	7.471	43	295055	113.731	ug/l	97
26) 2,2-Dichloropropane	7.477	77	115250	22.689	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	81272	21.639	ug/l	98
28) Bromochloromethane	7.794	49	65753	21.168	ug/l	100
29) Tetrahydrofuran	7.830	42	185940	111.932	ug/l	99
30) Chloroform	7.953	83	139611	22.333	ug/l	100
31) Cyclohexane	8.241	56	99972	21.611	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	117408	22.227	ug/l	97
36) 1,1-Dichloropropene	8.353	75	85120	21.605	ug/l	97
37) Ethyl Acetate	7.553	43	109187	21.105	ug/l	97
38) Carbon Tetrachloride	8.341	117	98457	21.778	ug/l	94
39) Methylcyclohexane	9.582	83	94068	21.644	ug/l	98
40) Benzene	8.588	78	283203	21.710	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	56639	21.184	ug/l		94
42) 1,2-Dichloroethane	8.653	62	109893	22.574	ug/l		100
43) Isopropyl Acetate	8.677	43	176251	21.643	ug/l		99
44) Trichloroethene	9.335	130	67433	21.641	ug/l		99
45) 1,2-Dichloropropane	9.600	63	72572	22.186	ug/l		93
46) Dibromomethane	9.688	93	59412	23.018	ug/l		93
47) Bromodichloromethane	9.871	83	111245	21.974	ug/l		95
48) Methyl methacrylate	9.665	41	80574	21.365	ug/l		97
49) 1,4-Dioxane	9.682	88	24869	446.378	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.424	43	561876	110.571	ug/l		99
52) Toluene	10.606	92	177153	21.641	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	111386	21.498	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	117557	21.845	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	74595	22.411	ug/l		88
56) Ethyl methacrylate	10.853	69	101192	21.040	ug/l		99
57) 1,3-Dichloropropane	11.141	76	120334	21.980	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	250611	110.825	ug/l		99
59) 2-Hexanone	11.176	43	363080	108.058	ug/l		99
60) Dibromochloromethane	11.341	129	85111	21.748	ug/l		97
61) 1,2-Dibromoethane	11.447	107	78541	22.290	ug/l		97
64) Tetrachloroethene	11.082	164	57619	22.638	ug/l		93
65) Chlorobenzene	11.871	112	203570	22.894	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.941	131	70713	22.053	ug/l		97
67) Ethyl Benzene	11.941	91	328980	22.173	ug/l		96
68) m/p-Xylenes	12.047	106	255651	45.053	ug/l		98
69) o-Xylene	12.376	106	120068	22.024	ug/l		98
70) Styrene	12.388	104	210587	22.491	ug/l		98
71) Bromoform	12.559	173	57576	22.132	ug/l	#	100
73) Isopropylbenzene	12.676	105	309264	22.707	ug/l		98
74) N-amyl acetate	12.547	43	89886m	22.156	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	111546	22.731	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	103062m	23.643	ug/l		
77) Bromobenzene	12.959	156	80748	22.283	ug/l		97
78) n-propylbenzene	13.012	91	381954	22.431	ug/l		100
79) 2-Chlorotoluene	13.100	91	231705	22.347	ug/l		97
80) 1,3,5-Trimethylbenzene	13.153	105	269309	22.860	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	33450	21.443	ug/l		97
82) 4-Chlorotoluene	13.200	91	241534	23.119	ug/l		100
83) tert-Butylbenzene	13.417	119	226878	22.753	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	272614	22.561	ug/l		99
85) sec-Butylbenzene	13.594	105	328389	22.462	ug/l		97
86) p-Isopropyltoluene	13.706	119	279181	22.547	ug/l		97
87) 1,3-Dichlorobenzene	13.712	146	158040	22.349	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	165954	22.835	ug/l		99
89) n-Butylbenzene	14.035	91	263875	22.550	ug/l		98
90) Hexachloroethane	14.312	117	58428	22.590	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	156108	22.902	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25095	22.009	ug/l		98
93) 1,2,4-Trichlorobenzene	15.364	180	87148	21.654	ug/l		96
94) Hexachlorobutadiene	15.476	225	33457	22.586	ug/l		99
95) Naphthalene	15.611	128	284895	22.053	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	89684	22.922	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

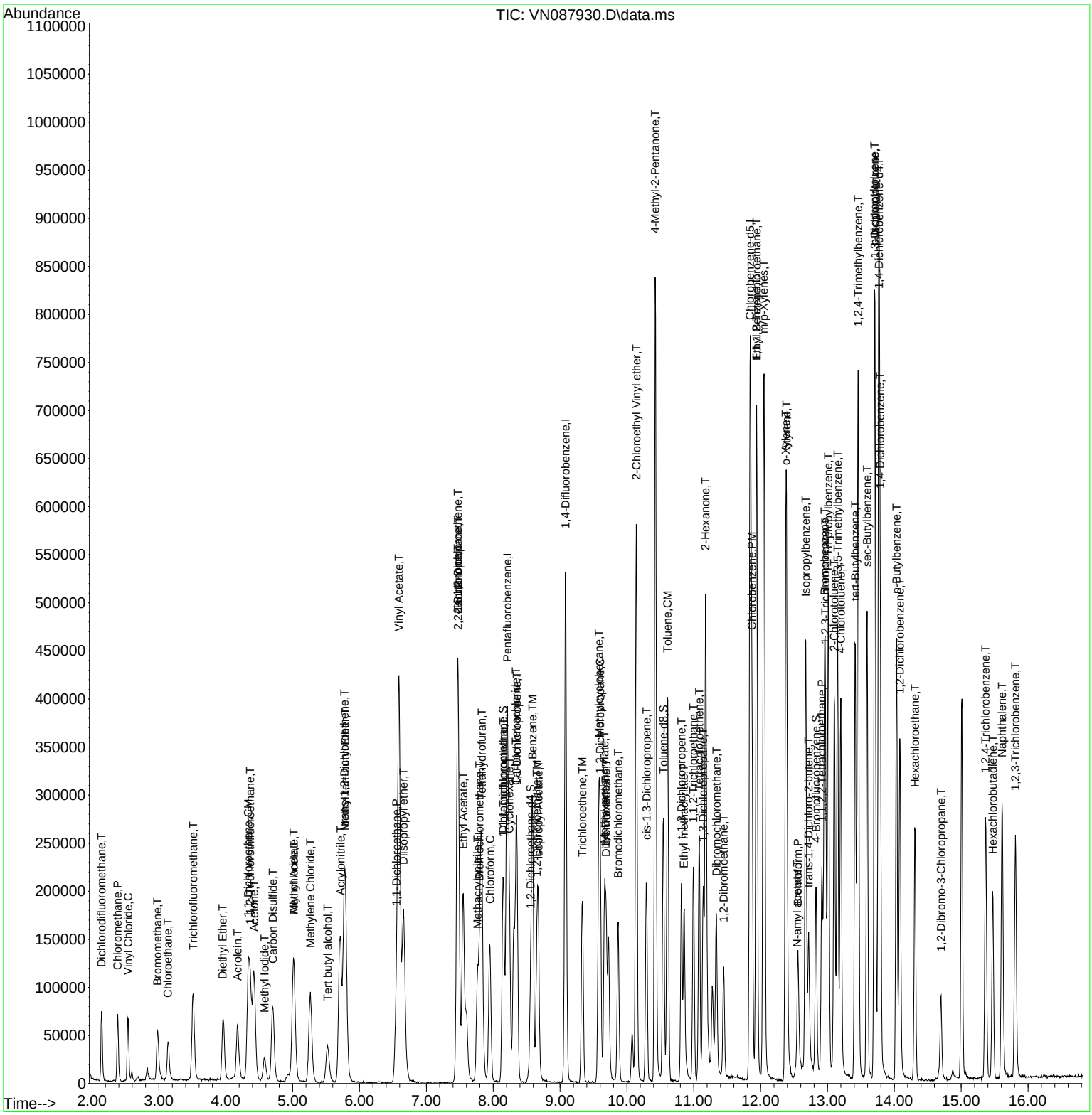
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	277018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	496020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	466772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	243738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203626	43.678	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.360%		
35) Dibromofluoromethane	8.153	113	156190	43.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.740%		
50) Toluene-d8	10.547	98	567044	44.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.540%		
62) 4-Bromofluorobenzene	12.829	95	200630	44.319	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	161997	50.496	ug/l	96
3) Chloromethane	2.383	50	160833	48.962	ug/l	100
4) Vinyl Chloride	2.536	62	165059	49.253	ug/l	97
5) Bromomethane	2.971	94	113238	54.504	ug/l	97
6) Chloroethane	3.136	64	108186	49.650	ug/l	100
7) Trichlorofluoromethane	3.506	101	265455	48.650	ug/l	98
8) Diethyl Ether	3.959	74	101038	49.015	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	137085	47.535	ug/l	96
10) Methyl Iodide	4.577	142	150647	58.041	ug/l	98
11) Tert butyl alcohol	5.524	59	181682	270.566	ug/l	100
12) 1,1-Dichloroethene	4.336	96	147146	50.568	ug/l	99
13) Acrolein	4.177	56	213590	247.902	ug/l	98
14) Allyl chloride	5.012	41	238489	50.343	ug/l	96
15) Acrylonitrile	5.712	53	527698	250.533	ug/l	99
16) Acetone	4.418	43	476656	248.497	ug/l	93
17) Carbon Disulfide	4.701	76	441131	48.521	ug/l	99
18) Methyl Acetate	5.018	43	252027	52.501	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	593372	52.201	ug/l	98
20) Methylene Chloride	5.271	84	185323	47.732	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	176202	49.395	ug/l	88
22) Diisopropyl ether	6.659	45	572737	51.790	ug/l	96
23) Vinyl Acetate	6.589	43	2420654m	259.965	ug/l	
24) 1,1-Dichloroethane	6.553	63	319051	49.382	ug/l	98
25) 2-Butanone	7.471	43	765845	261.219	ug/l	99
26) 2,2-Dichloropropane	7.471	77	288518	50.261	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	212644	50.099	ug/l	98
28) Bromochloromethane	7.794	49	158210	45.070	ug/l	100
29) Tetrahydrofuran	7.824	42	481488	256.481	ug/l	99
30) Chloroform	7.947	83	347740	49.224	ug/l	94
31) Cyclohexane	8.236	56	249322	47.692	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	298473	50.001	ug/l	99
36) 1,1-Dichloropropene	8.353	75	223572	51.628	ug/l	98
37) Ethyl Acetate	7.547	43	281650	49.529	ug/l	98
38) Carbon Tetrachloride	8.341	117	254169	51.149	ug/l	96
39) Methylcyclohexane	9.577	83	254097	53.190	ug/l	98
40) Benzene	8.589	78	733552	51.160	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	151881	51.681	ug/l		98
42) 1,2-Dichloroethane	8.653	62	266146	49.739	ug/l		100
43) Isopropyl Acetate	8.671	43	465007	51.950	ug/l		99
44) Trichloroethene	9.330	130	174047	50.817	ug/l		90
45) 1,2-Dichloropropane	9.600	63	181803	50.566	ug/l		98
46) Dibromomethane	9.688	93	144476	50.925	ug/l		98
47) Bromodichloromethane	9.871	83	282997	50.858	ug/l	#	96
48) Methyl methacrylate	9.659	41	220518	53.199	ug/l		95
49) 1,4-Dioxane	9.683	88	71480	1167.270	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.424	43	1464843	262.261	ug/l		100
52) Toluene	10.606	92	456380	50.722	ug/l		98
53) t-1,3-Dichloropropene	10.812	75	297827	52.296	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	303245	51.268	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	184666	50.476	ug/l		96
56) Ethyl methacrylate	10.853	69	287401	54.367	ug/l		99
57) 1,3-Dichloropropane	11.141	76	314225	52.219	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	735137	295.766	ug/l		98
59) 2-Hexanone	11.177	43	1027998	278.348	ug/l		98
60) Dibromochloromethane	11.335	129	224473	52.185	ug/l		98
61) 1,2-Dibromoethane	11.447	107	199841	51.598	ug/l		97
64) Tetrachloroethene	11.082	164	145781	51.272	ug/l		96
65) Chlorobenzene	11.871	112	518200	52.168	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	188263	52.557	ug/l		98
67) Ethyl Benzene	11.941	91	881499	53.183	ug/l		97
68) m/p-Xylenes	12.047	106	687129	108.396	ug/l		100
69) o-Xylene	12.377	106	330957	54.342	ug/l		100
70) Styrene	12.388	104	579999	55.451	ug/l		98
71) Bromoform	12.559	173	155551	53.524	ug/l	#	97
73) Isopropylbenzene	12.671	105	848011	56.136	ug/l		99
74) N-amyl acetate	12.500	43	276693m	55.590	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	277645	51.011	ug/l		99
76) 1,2,3-Trichloropropane	12.971	75	261896m	54.509	ug/l		
77) Bromobenzene	12.959	156	215215	53.546	ug/l		99
78) n-propylbenzene	13.012	91	1041885	55.165	ug/l		99
79) 2-Chlorotoluene	13.100	91	622023	54.089	ug/l		99
80) 1,3,5-Trimethylbenzene	13.147	105	739196	56.572	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	97122	56.132	ug/l		95
82) 4-Chlorotoluene	13.200	91	643471	55.531	ug/l		99
83) tert-Butylbenzene	13.418	119	620261	56.083	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	750139	55.971	ug/l		99
85) sec-Butylbenzene	13.594	105	900122	55.512	ug/l		97
86) p-Isopropyltoluene	13.706	119	774380	56.387	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	414732	52.877	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	430578	53.418	ug/l		97
89) n-Butylbenzene	14.035	91	718201	55.337	ug/l		99
90) Hexachloroethane	14.312	117	148145	51.641	ug/l		99
91) 1,2-Dichlorobenzene	14.082	146	408389	54.018	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	64838	51.268	ug/l		96
93) 1,2,4-Trichlorobenzene	15.365	180	243365	54.519	ug/l		98
94) Hexachlorobutadiene	15.476	225	87738	53.402	ug/l		100
95) Naphthalene	15.612	128	802609	56.013	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	236254	54.441	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

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

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

ICAL Form

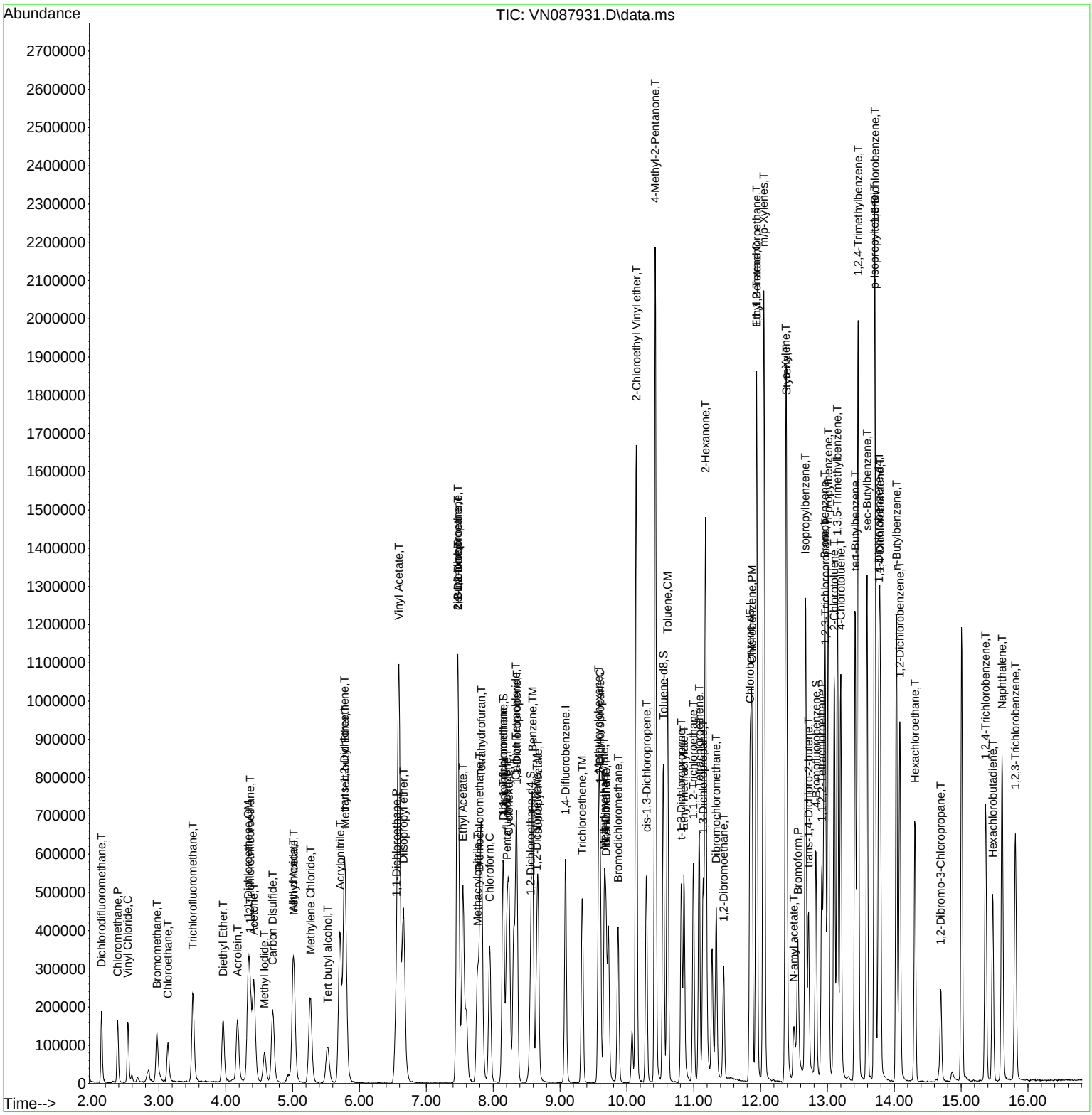
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	109	0.00
2	T	Dichlorodifluoromethane	0.579	0.585	-1.0	121	0.00
3	P	Chloromethane	0.593	0.581	2.0	119	0.00
4	C	Vinyl Chloride	0.605	0.596	1.5#	117	0.00
5	T	Bromomethane	0.375	0.409	-9.1	139	0.00
6	T	Chloroethane	0.393	0.391	0.5	120	0.00
7	T	Trichlorofluoromethane	0.985	0.958	2.7	118	0.00
8	T	Diethyl Ether	0.372	0.365	1.9	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.495	5.0	113	0.00
10	T	Methyl Iodide	0.468	0.544	-16.2	128	0.00
11	T	Tert butyl alcohol	0.121	0.131	-8.3	133	0.00
12	CM	1,1-Dichloroethene	0.525	0.531	-1.1#	123	0.00
13	T	Acrolein	0.156	0.154	1.3	140	0.00
14	T	Allyl chloride	0.855	0.861	-0.7	123	0.00
15	T	Acrylonitrile	0.380	0.381	-0.3	119	0.00
16	T	Acetone	0.346	0.344	0.6	126	0.00
17	T	Carbon Disulfide	1.641	1.592	3.0	117	0.00
18	T	Methyl Acetate	0.866	0.910	-5.1	122	0.00
19	T	Methyl tert-butyl Ether	2.052	2.142	-4.4	122	0.00
20	T	Methylene Chloride	0.701	0.669	4.6	117	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.636	1.2	121	0.00
22	T	Diisopropyl ether	1.996	2.068	-3.6	123	0.00
23	T	Vinyl Acetate	1.681	1.748	-4.0	121	0.00
24	P	1,1-Dichloroethane	1.166	1.152	1.2	119	0.00
25	T	2-Butanone	0.529	0.553	-4.5	126	0.00
26	T	2,2-Dichloropropane	1.036	1.042	-0.6	122	0.00
27	T	cis-1,2-Dichloroethene	0.766	0.768	-0.3	121	0.00
28	T	Bromochloromethane	0.634	0.571	9.9	94	0.00
29	T	Tetrahydrofuran	0.339	0.348	-2.7	122	0.00
30	C	Chloroform	1.275	1.255	1.6#	119	0.00
31	T	Cyclohexane	0.944	0.900	4.7	118	0.00
32	T	1,1,1-Trichloroethane	1.077	1.077	0.0	122	0.00
33	S	1,2-Dichloroethane-d4	0.841	0.735	12.6	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.363	0.315	13.2	91	0.00
36	T	1,1-Dichloropropene	0.437	0.451	-3.2	119	0.00
37	T	Ethyl Acetate	0.573	0.568	0.9	115	0.00
38	T	Carbon Tetrachloride	0.501	0.512	-2.2	120	0.00
39	T	Methylcyclohexane	0.482	0.512	-6.2	124	0.00
40	TM	Benzene	1.445	1.479	-2.4	118	0.00
41	T	Methacrylonitrile	0.296	0.306	-3.4	115	0.00
42	TM	1,2-Dichloroethane	0.539	0.537	0.4	120	0.00
43	T	Isopropyl Acetate	0.902	0.937	-3.9	121	0.00
44	TM	Trichloroethene	0.345	0.351	-1.7	120	0.00
45	C	1,2-Dichloropropane	0.362	0.367	-1.4#	119	0.00
46	T	Dibromomethane	0.286	0.291	-1.7	121	0.00
47	T	Bromodichloromethane	0.561	0.571	-1.8	118	0.00
48	T	Methyl methacrylate	0.418	0.445	-6.5	124	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	0.006	0.007	-16.7	138	0.00
50	S	Toluene-d8	1.277	1.143	10.5	91	0.00
51	T	4-Methyl-2-Pentanone	0.563	0.591	-5.0	119	0.00
52	CM	Toluene	0.907	0.920	-1.4#	117	0.00
53	T	t-1,3-Dichloropropene	0.574	0.600	-4.5	123	0.00
54	T	cis-1,3-Dichloropropene	0.596	0.611	-2.5	121	0.00
55	T	1,1,2-Trichloroethane	0.369	0.372	-0.8	119	0.00
56	T	Ethyl methacrylate	0.533	0.579	-8.6	122	0.00
57	T	1,3-Dichloropropane	0.607	0.633	-4.3	121	0.00
58	T	2-Chloroethyl Vinyl ether	0.251	0.296	-17.9	146	0.00
59	T	2-Hexanone	0.372	0.414	-11.3	121	0.00
60	T	Dibromochloromethane	0.434	0.453	-4.4	122	0.00
61	T	1,2-Dibromoethane	0.390	0.403	-3.3	120	0.00
62	S	4-Bromofluorobenzene	0.456	0.404	11.4	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.305	0.312	-2.3	115	0.00
65	PM	Chlorobenzene	1.064	1.110	-4.3	120	0.00
66	T	1,1,1,2-Tetrachloroethane	0.384	0.403	-4.9	119	0.00
67	C	Ethyl Benzene	1.775	1.889	-6.4#	121	0.00
68	T	m/p-Xylenes	0.679	0.736	-8.4	119	0.00
69	T	o-Xylene	0.652	0.709	-8.7	122	0.00
70	T	Styrene	1.120	1.243	-11.0	120	0.00
71	P	Bromoform	0.311	0.333	-7.1	120	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.099	3.479	-12.3	121	0.00
74	T	N-amyl acetate	1.021	1.135	-11.2	125	0.00
75	P	1,1,2,2-Tetrachloroethane	1.117	1.139	-2.0	113	0.00
76	T	1,2,3-Trichloropropane	0.986	1.074	-8.9	121	0.00
77	T	Bromobenzene	0.825	0.883	-7.0	120	0.00
78	T	n-propylbenzene	3.874	4.275	-10.4	120	0.00
79	T	2-Chlorotoluene	2.359	2.552	-8.2	119	0.00
80	T	1,3,5-Trimethylbenzene	2.680	3.033	-13.2	123	0.00
81	T	trans-1,4-Dichloro-2-butene	0.355	0.398	-12.1	126	0.00
82	T	4-Chlorotoluene	2.377	2.640	-11.1	120	0.00
83	T	tert-Butylbenzene	2.269	2.545	-12.2	120	0.00
84	T	1,2,4-Trimethylbenzene	2.749	3.078	-12.0	119	0.00
85	T	sec-Butylbenzene	3.326	3.693	-11.0	120	0.00
86	T	p-Isopropyltoluene	2.817	3.177	-12.8	121	0.00
87	T	1,3-Dichlorobenzene	1.609	1.702	-5.8	118	0.00
88	T	1,4-Dichlorobenzene	1.654	1.767	-6.8	122	0.00
89	T	n-Butylbenzene	2.662	2.947	-10.7	121	0.00
90	T	Hexachloroethane	0.588	0.608	-3.4	117	0.00
91	T	1,2-Dichlorobenzene	1.551	1.676	-8.1	120	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.259	0.266	-2.7	117	0.00
93	T	1,2,4-Trichlorobenzene	0.916	0.998	-9.0	123	0.00
94	T	Hexachlorobutadiene	0.337	0.360	-6.8	119	0.00
95	T	Naphthalene	2.939	3.293	-12.0	123	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	0.890	0.969	-8.9	120	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	50.496	-1.0	121	0.00
3	P	Chloromethane	50.000	48.962	2.1	119	0.00
4	C	Vinyl Chloride	50.000	49.253	1.5#	117	0.00
5	T	Bromomethane	50.000	54.504	-9.0	139	0.00
6	T	Chloroethane	50.000	49.650	0.7	120	0.00
7	T	Trichlorofluoromethane	50.000	48.650	2.7	118	0.00
8	T	Diethyl Ether	50.000	49.015	2.0	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.535	4.9	113	0.00
10	T	Methyl Iodide	50.000	58.041	-16.1	128	0.00
11	T	Tert butyl alcohol	250.000	270.566	-8.2	133	0.00
12	CM	1,1-Dichloroethene	50.000	50.568	-1.1#	123	0.00
13	T	Acrolein	250.000	247.902	0.8	140	0.00
14	T	Allyl chloride	50.000	50.343	-0.7	123	0.00
15	T	Acrylonitrile	250.000	250.533	-0.2	119	0.00
16	T	Acetone	250.000	248.497	0.6	126	0.00
17	T	Carbon Disulfide	50.000	48.521	3.0	117	0.00
18	T	Methyl Acetate	50.000	52.501	-5.0	122	0.00
19	T	Methyl tert-butyl Ether	50.000	52.201	-4.4	122	0.00
20	T	Methylene Chloride	50.000	47.732	4.5	117	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.395	1.2	121	0.00
22	T	Diisopropyl ether	50.000	51.790	-3.6	123	0.00
23	T	Vinyl Acetate	250.000	259.965	-4.0	121	0.00
24	P	1,1-Dichloroethane	50.000	49.382	1.2	119	0.00
25	T	2-Butanone	250.000	261.219	-4.5	126	0.00
26	T	2,2-Dichloropropane	50.000	50.261	-0.5	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.099	-0.2	121	0.00
28	T	Bromochloromethane	50.000	45.070	9.9	94	0.00
29	T	Tetrahydrofuran	250.000	256.481	-2.6	122	0.00
30	C	Chloroform	50.000	49.224	1.6#	119	0.00
31	T	Cyclohexane	50.000	47.692	4.6	118	0.00
32	T	1,1,1-Trichloroethane	50.000	50.001	-0.0	122	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.678	12.6	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	43.369	13.3	91	0.00
36	T	1,1-Dichloropropene	50.000	51.628	-3.3	119	0.00
37	T	Ethyl Acetate	50.000	49.529	0.9	115	0.00
38	T	Carbon Tetrachloride	50.000	51.149	-2.3	120	0.00
39	T	Methylcyclohexane	50.000	53.190	-6.4	124	0.00
40	TM	Benzene	50.000	51.160	-2.3	118	0.00
41	T	Methacrylonitrile	50.000	51.681	-3.4	115	0.00
42	TM	1,2-Dichloroethane	50.000	49.739	0.5	120	0.00
43	T	Isopropyl Acetate	50.000	51.950	-3.9	121	0.00
44	TM	Trichloroethene	50.000	50.817	-1.6	120	0.00
45	C	1,2-Dichloropropane	50.000	50.566	-1.1#	119	0.00
46	T	Dibromomethane	50.000	50.925	-1.8	121	0.00
47	T	Bromodichloromethane	50.000	50.858	-1.7	118	0.00
48	T	Methyl methacrylate	50.000	53.199	-6.4	124	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	1167.270	-16.7	138	0.00
50	S	Toluene-d8	50.000	44.774	10.5	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.261	-4.9	119	0.00
52	CM	Toluene	50.000	50.722	-1.4#	117	0.00
53	T	t-1,3-Dichloropropene	50.000	52.296	-4.6	123	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.268	-2.5	121	0.00
55	T	1,1,2-Trichloroethane	50.000	50.476	-1.0	119	0.00
56	T	Ethyl methacrylate	50.000	54.367	-8.7	122	0.00
57	T	1,3-Dichloropropane	50.000	52.219	-4.4	121	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	295.766	-18.3	146	0.00
59	T	2-Hexanone	250.000	278.348	-11.3	121	0.00
60	T	Dibromochloromethane	50.000	52.185	-4.4	122	0.00
61	T	1,2-Dibromoethane	50.000	51.598	-3.2	120	0.00
62	S	4-Bromofluorobenzene	50.000	44.319	11.4	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	51.272	-2.5	115	0.00
65	PM	Chlorobenzene	50.000	52.168	-4.3	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.557	-5.1	119	0.00
67	C	Ethyl Benzene	50.000	53.183	-6.4#	121	0.00
68	T	m/p-Xylenes	100.000	108.396	-8.4	119	0.00
69	T	o-Xylene	50.000	54.342	-8.7	122	0.00
70	T	Styrene	50.000	55.451	-10.9	120	0.00
71	P	Bromoform	50.000	53.524	-7.0	120	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	56.136	-12.3	121	0.00
74	T	N-amyl acetate	50.000	55.590	-11.2	125	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.011	-2.0	113	0.00
76	T	1,2,3-Trichloropropane	50.000	54.509	-9.0	121	0.00
77	T	Bromobenzene	50.000	53.546	-7.1	120	0.00
78	T	n-propylbenzene	50.000	55.165	-10.3	120	0.00
79	T	2-Chlorotoluene	50.000	54.089	-8.2	119	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.572	-13.1	123	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.132	-12.3	126	0.00
82	T	4-Chlorotoluene	50.000	55.531	-11.1	120	0.00
83	T	tert-Butylbenzene	50.000	56.083	-12.2	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.971	-11.9	119	0.00
85	T	sec-Butylbenzene	50.000	55.512	-11.0	120	0.00
86	T	p-Isopropyltoluene	50.000	56.387	-12.8	121	0.00
87	T	1,3-Dichlorobenzene	50.000	52.877	-5.8	118	0.00
88	T	1,4-Dichlorobenzene	50.000	53.418	-6.8	122	0.00
89	T	n-Butylbenzene	50.000	55.337	-10.7	121	0.00
90	T	Hexachloroethane	50.000	51.641	-3.3	117	0.00
91	T	1,2-Dichlorobenzene	50.000	54.018	-8.0	120	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.268	-2.5	117	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.519	-9.0	123	0.00
94	T	Hexachlorobutadiene	50.000	53.402	-6.8	119	0.00
95	T	Naphthalene	50.000	56.013	-12.0	123	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	54.441	-8.9	120	0.00

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG No.: Q3157

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.

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG No.: Q3157

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

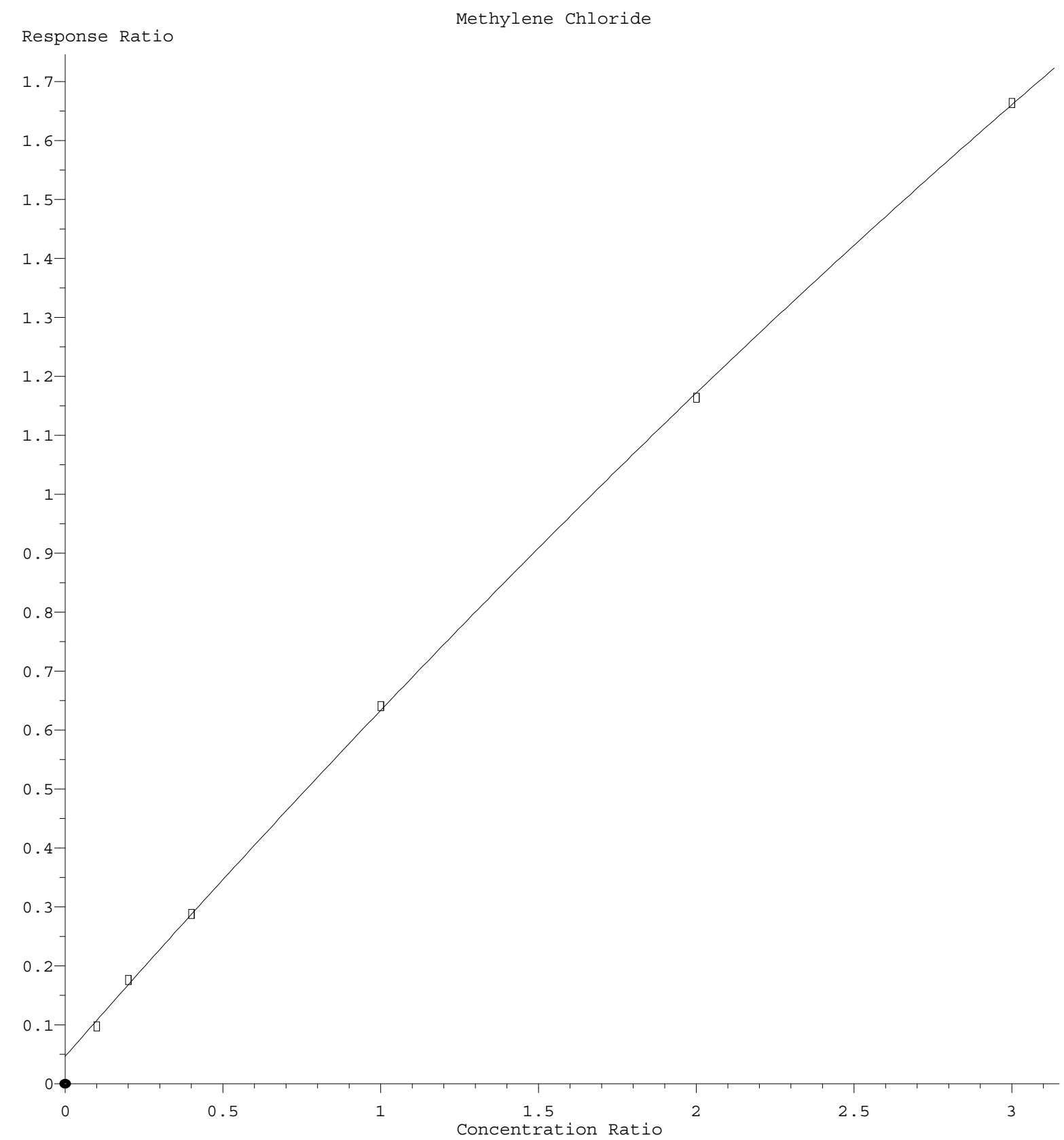
Calibration Files
5 =VW032137.D 10 =VW032138.D 20 =VW032139.D 50 =VW032144.D 100 =VW032141.D 150 =VW032142.D

		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)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

ICAL Form

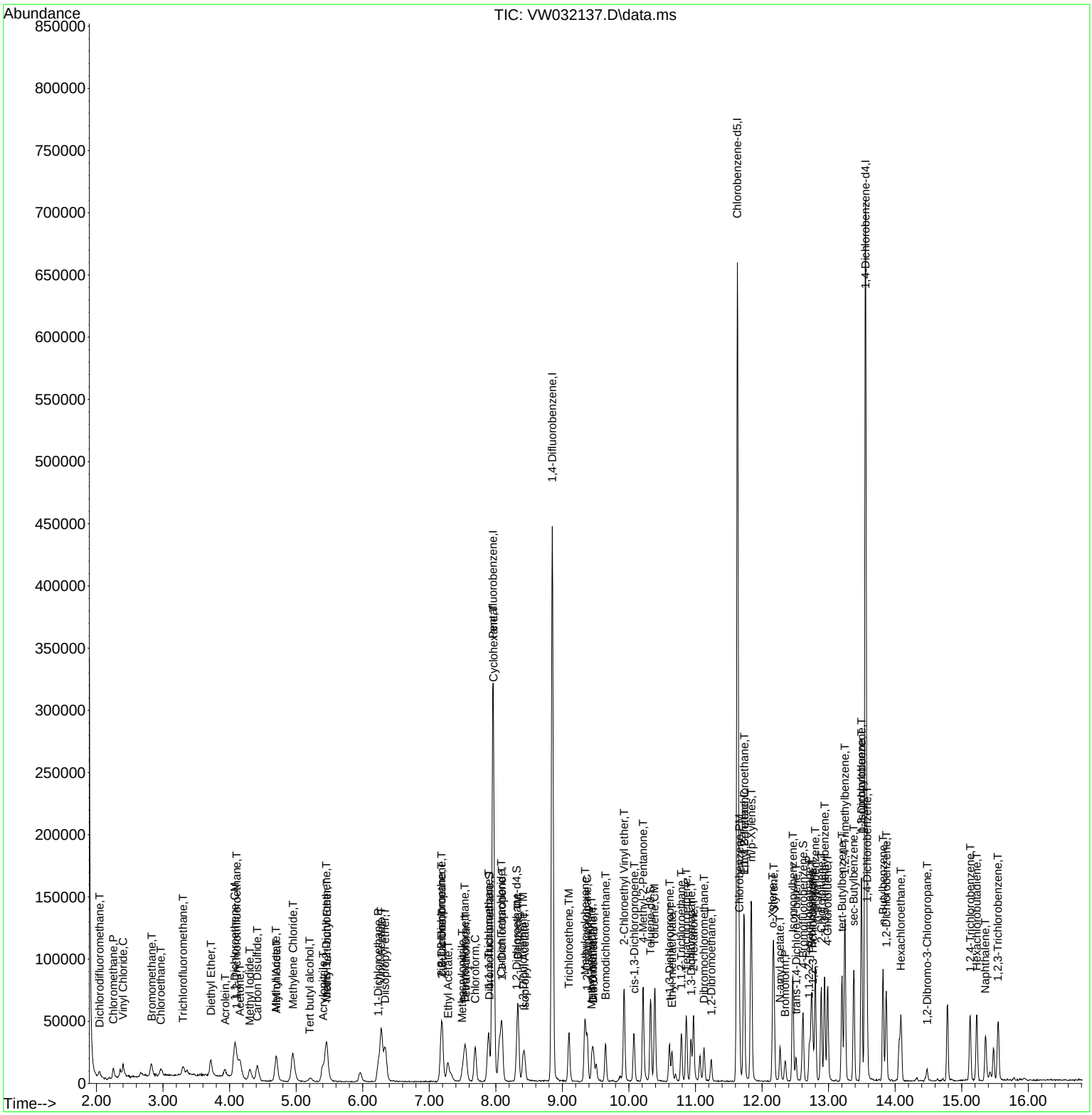
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

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

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

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

ICAL Form

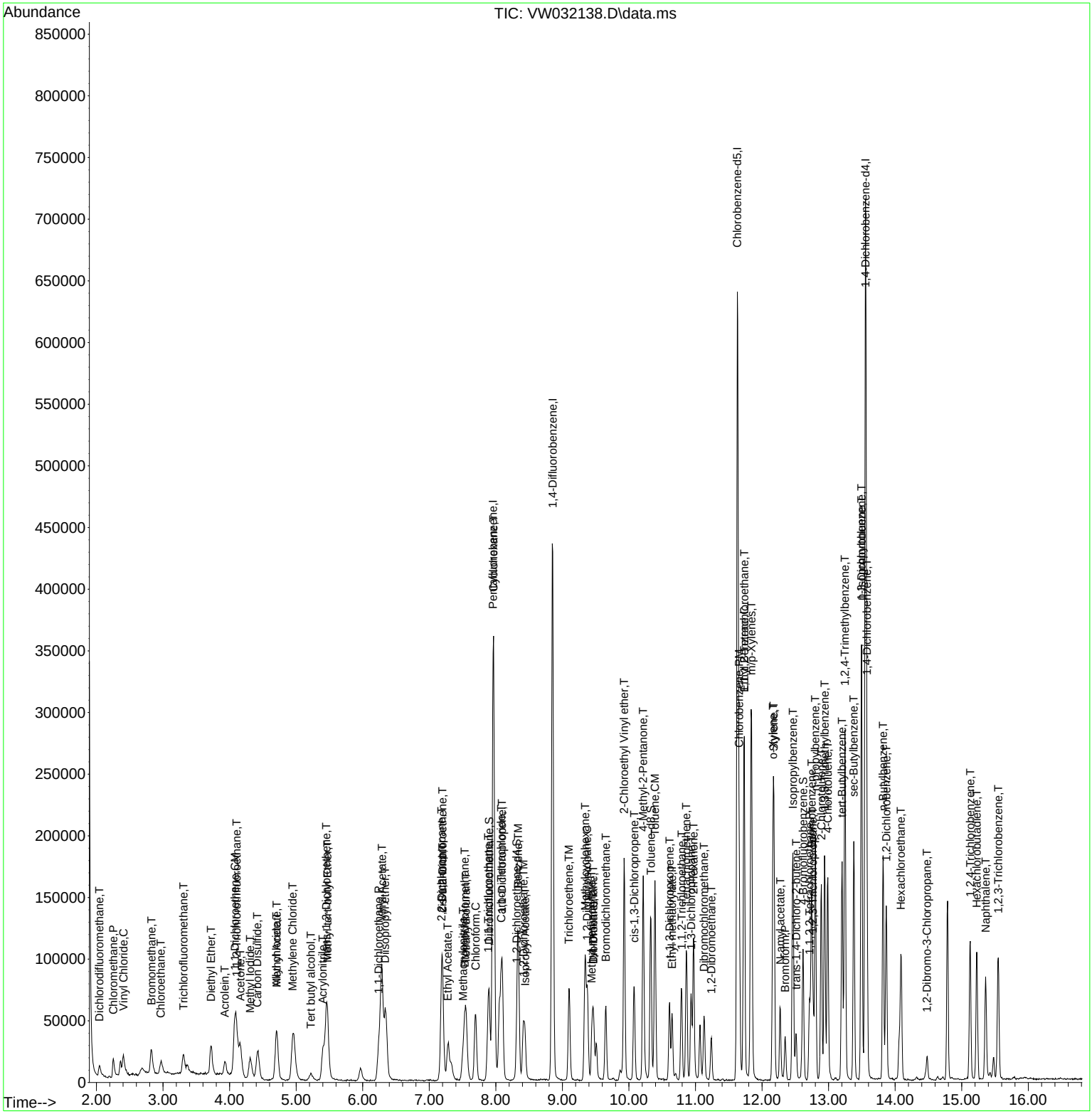
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

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

ICAL Form

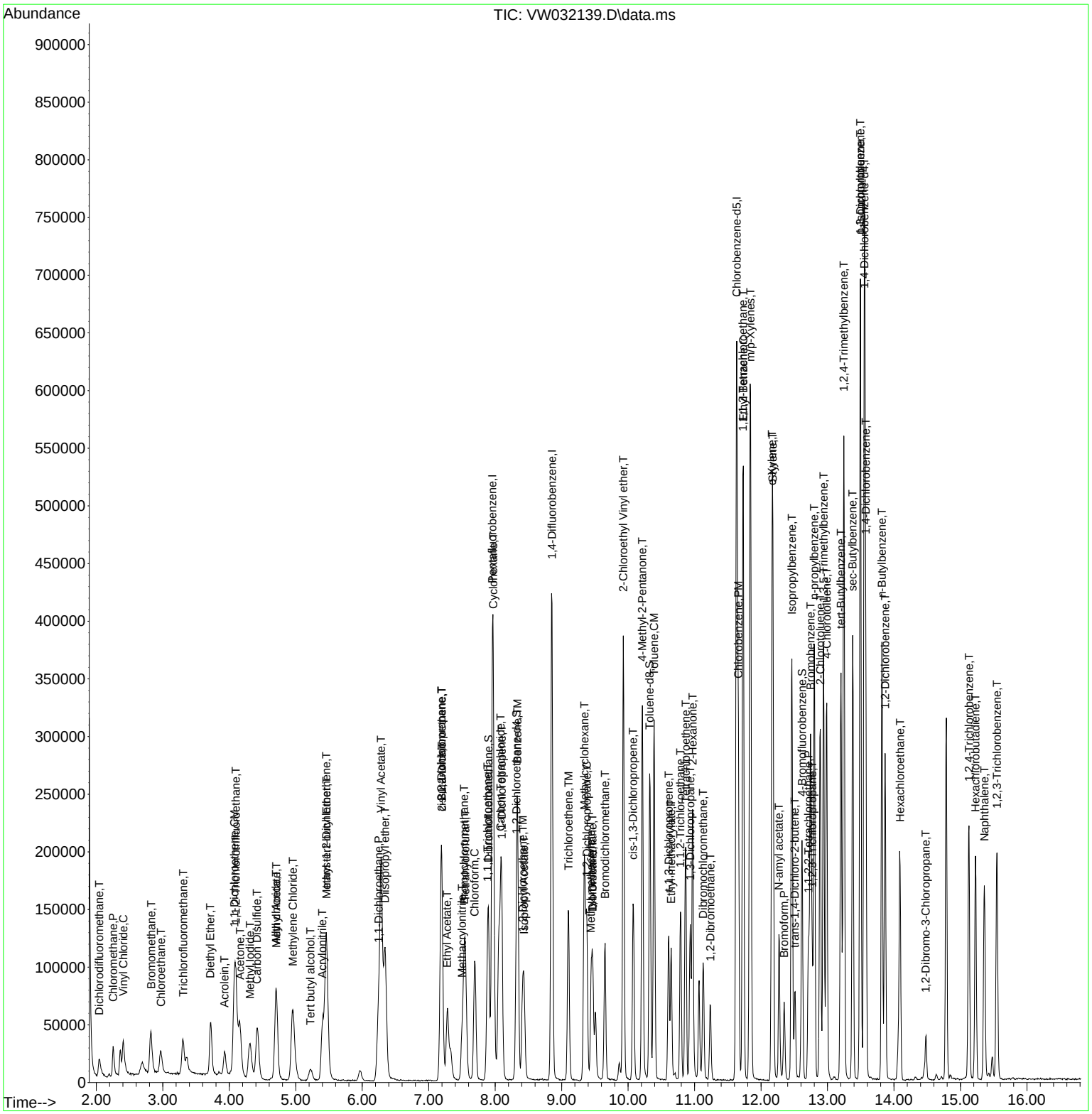
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

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

ICAL Form

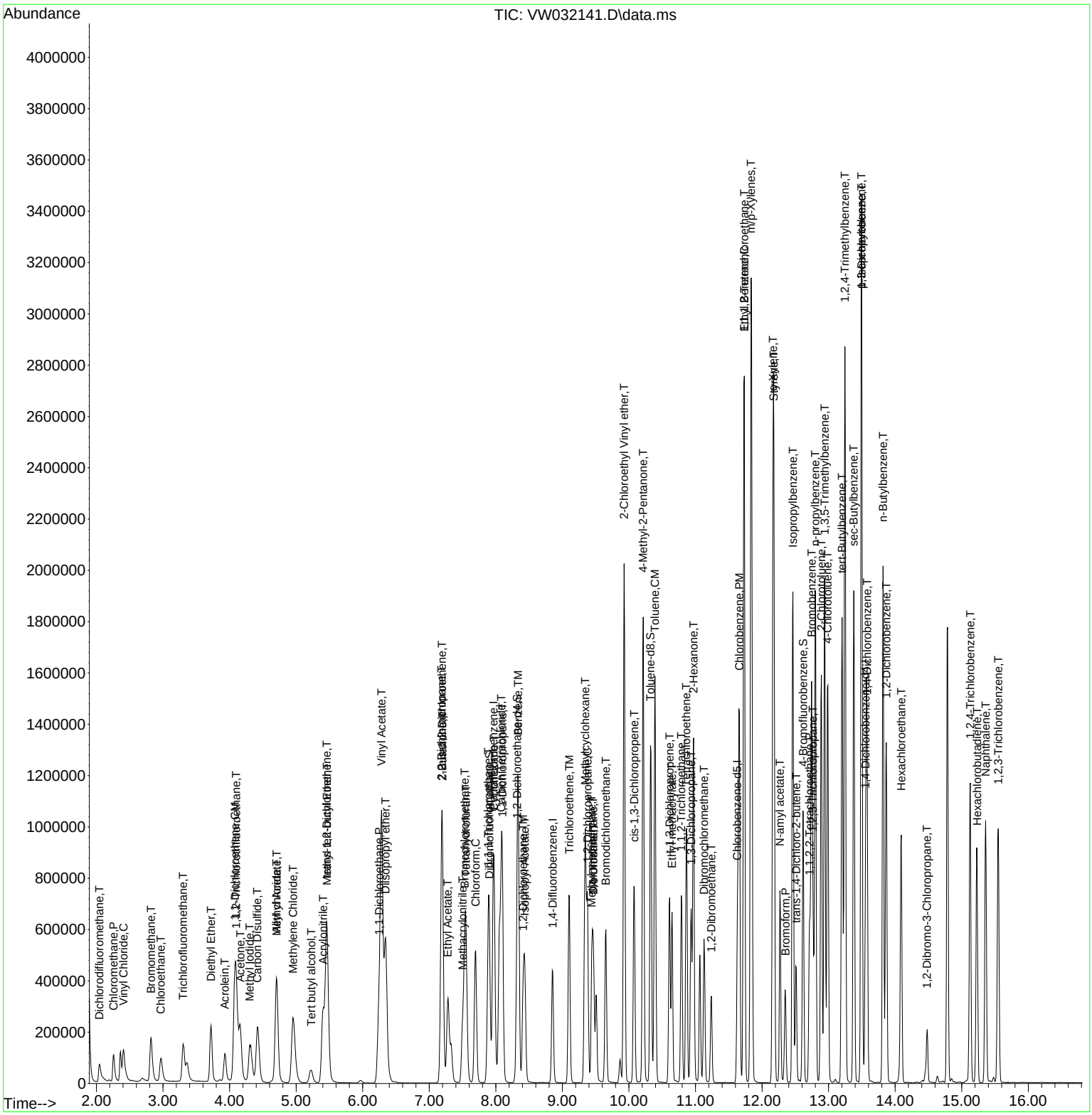
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

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

ICAL Form

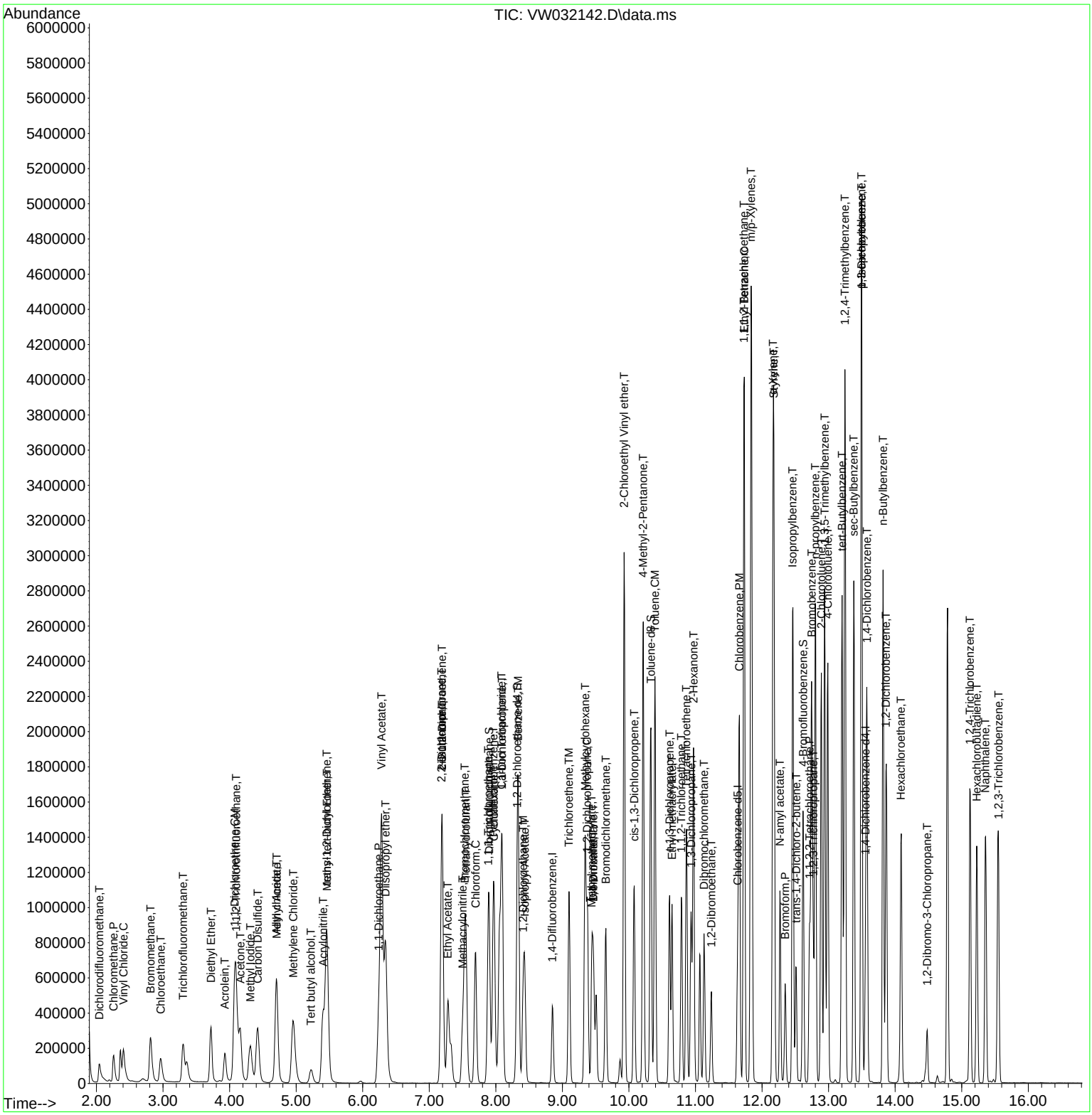
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

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

ICAL Form

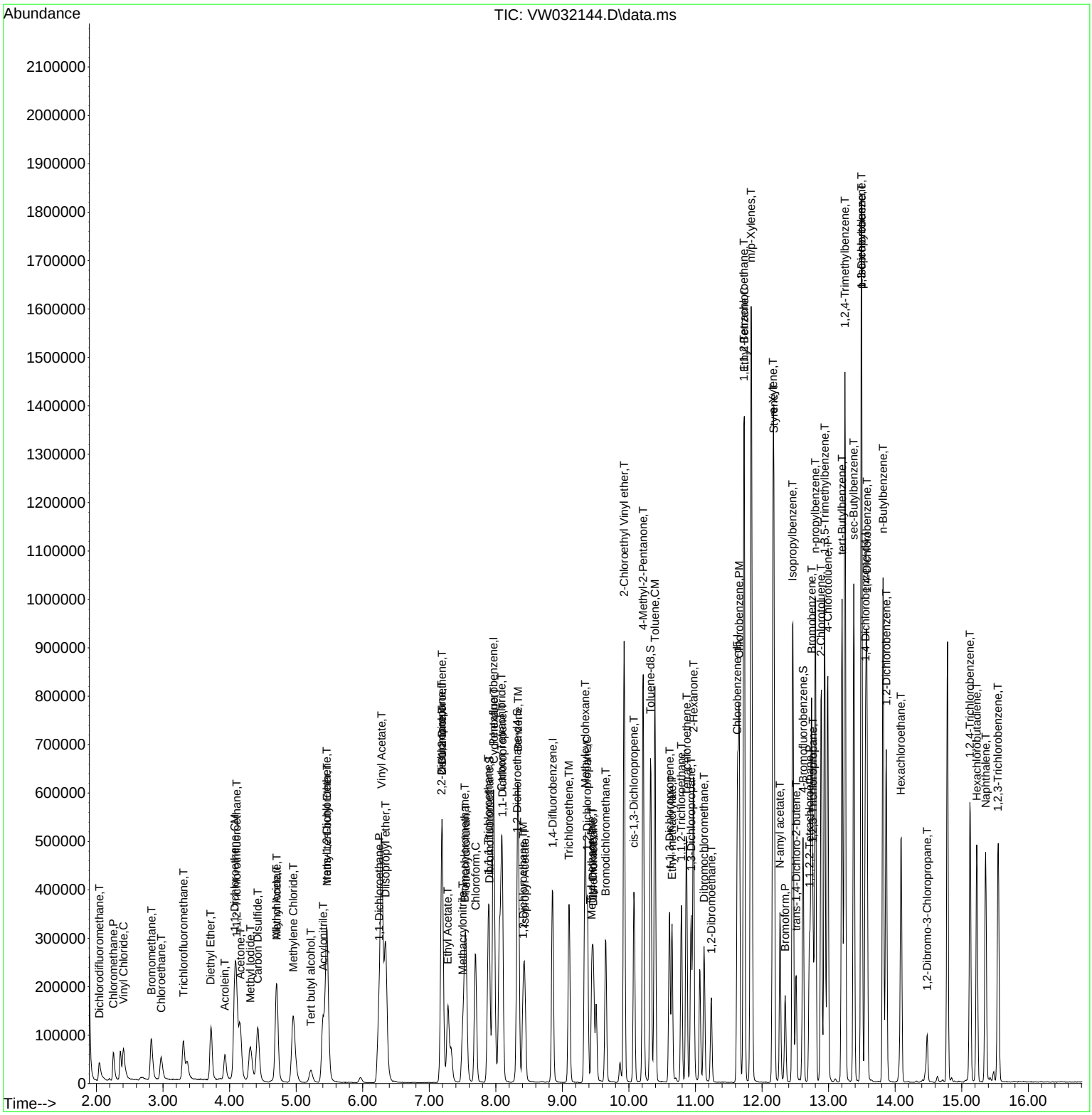
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

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

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

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

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
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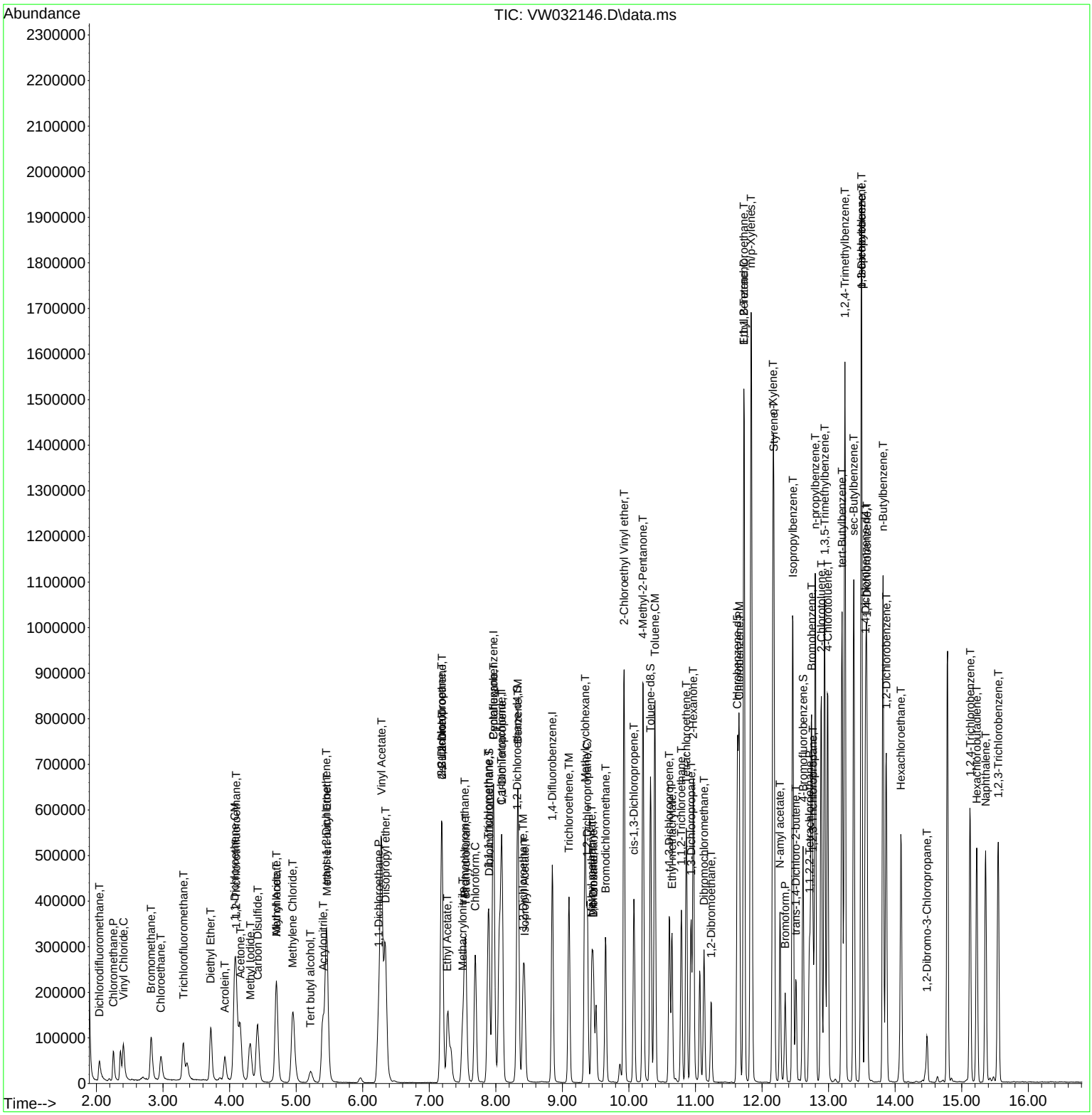
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

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

Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

ICAL Form

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

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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

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

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

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

Raw Data: **VN087933.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ALWA01
Lab Code: ACE
SDG No.: Q3157
Instrument ID: MSVOA_N
Calibration Date/Time: 09/24/2025 08:27
Lab File ID: VN087933.D
Init. Calib. Date(s): 09/23/2025 09/23/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:33 11:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.579	0.611		5.53	20
Chloromethane	0.593	0.640	0.1	7.93	20
Vinyl Chloride	0.605	0.629		3.97	20
Bromomethane	0.375	0.414		10.4	20
Chloroethane	0.393	0.421		7.13	20
Trichlorofluoromethane	0.985	1.050		6.6	20
1,1,2-Trichlorotrifluoroethane	0.521	0.558		7.1	20
1,1-Dichloroethene	0.525	0.571		8.76	20
Acetone	0.346	0.486		40.46	20
Carbon Disulfide	1.641	1.742		6.16	20
Methyl tert-butyl Ether	2.052	2.312		12.67	20
Methyl Acetate	0.866	1.021		17.9	20
Methylene Chloride	0.701	0.740		5.56	20
trans-1,2-Dichloroethene	0.644	0.687		6.68	20
1,1-Dichloroethane	1.166	1.286	0.1	10.29	20
Cyclohexane	0.944	0.995		5.4	20
2-Butanone	0.529	0.661		24.95	20
Carbon Tetrachloride	0.501	0.553		10.38	20
cis-1,2-Dichloroethene	0.766	0.843		10.05	20
Bromochloromethane	0.634	0.571		-9.94	20
Chloroform	1.275	1.405		10.2	20
1,1,1-Trichloroethane	1.077	1.199		11.33	20
Methylcyclohexane	0.482	0.548		13.69	20
Benzene	1.445	1.639		13.43	20
1,2-Dichloroethane	0.539	0.586		8.72	20
Trichloroethene	0.345	0.383		11.01	20
1,2-Dichloropropane	0.362	0.395		9.12	20
Bromodichloromethane	0.561	0.638		13.73	20
4-Methyl-2-Pentanone	0.563	0.667		18.47	20
Toluene	0.907	1.023		12.79	20
t-1,3-Dichloropropene	0.574	0.665		15.85	20
cis-1,3-Dichloropropene	0.596	0.691		15.94	20
1,1,2-Trichloroethane	0.369	0.409		10.84	20
2-Hexanone	0.372	0.484		30.11	20
Dibromochloromethane	0.434	0.493		13.59	20
1,2-Dibromoethane	0.390	0.433		11.03	20
Tetrachloroethene	0.305	0.331		8.52	20
Chlorobenzene	1.064	1.195	0.3	12.31	20

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

Raw Data: **VN087933.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ALWA01
Lab Code: ACE
SDG No.: Q3157
Instrument ID: MSVOA_N
Calibration Date/Time: 09/24/2025 08:27
Lab File ID: VN087933.D
Init. Calib. Date(s): 09/23/2025 09/23/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:33 11:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.775	2.044		15.15	20
m/p-Xylenes	0.679	0.798		17.53	20
o-Xylene	0.652	0.755		15.8	20
Styrene	1.120	1.317		17.59	20
Bromoform	0.311	0.365	0.1	17.36	20
Isopropylbenzene	3.099	3.630		17.14	20
1,1,2,2-Tetrachloroethane	1.117	1.230	0.3	10.12	20
1,3-Dichlorobenzene	1.609	1.851		15.04	20
1,4-Dichlorobenzene	1.654	1.885		13.97	20
1,2-Dichlorobenzene	1.551	1.733		11.73	20
1,2-Dibromo-3-Chloropropane	0.259	0.278		7.34	20
1,2,4-Trichlorobenzene	0.916	1.048		14.41	20
1,2,3-Trichlorobenzene	0.890	1.040		16.85	20
1,2-Dichloroethane-d4	0.841	0.796		-5.35	20
Dibromofluoromethane	0.363	0.341		-6.06	20
Toluene-d8	1.277	1.189		-6.89	20
4-Bromofluorobenzene	0.456	0.431		-5.48	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
09/25/2025
Supervised By :Mahesh Dadoda
09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	248830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	449654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	427717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	229002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	198172	47.323	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.640%			
35) Dibromofluoromethane	8.147	113	153156	46.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.820%			
50) Toluene-d8	10.547	98	534595	46.564	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.120%			
62) 4-Bromofluorobenzene	12.829	95	193711	47.203	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	152106	52.784	ug/l	97
3) Chloromethane	2.383	50	159189	53.952	ug/l	99
4) Vinyl Chloride	2.536	62	156528	51.999	ug/l	100
5) Bromomethane	2.965	94	102943	55.162	ug/l	90
6) Chloroethane	3.130	64	104720	53.503	ug/l	89
7) Trichlorofluoromethane	3.506	101	261246	53.303	ug/l	93
8) Diethyl Ether	3.959	74	102573	55.397	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	138828	53.593	ug/l	97
10) Methyl Iodide	4.583	142	129576	55.579	ug/l	94
11) Tert butyl alcohol	5.524	59	183763	304.666	ug/l	99
12) 1,1-Dichloroethene	4.336	96	142121	54.374	ug/l	91
13) Acrolein	4.171	56	213073	275.317	ug/l	96
14) Allyl chloride	5.012	41	241727	56.807	ug/l	98
15) Acrylonitrile	5.706	53	543349	287.187	ug/l	99
16) Acetone	4.418	43	604093	350.611	ug/l	97
17) Carbon Disulfide	4.706	76	433401	53.071	ug/l	100
18) Methyl Acetate	5.018	43	254132	58.937	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	575243	56.339	ug/l	97
20) Methylene Chloride	5.265	84	184015	52.764	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	170912	53.340	ug/l	90
22) Diisopropyl ether	6.659	45	569397	57.320	ug/l	94
23) Vinyl Acetate	6.589	43	2625589	313.916	ug/l	99
24) 1,1-Dichloroethane	6.547	63	319963	55.133	ug/l	99
25) 2-Butanone	7.471	43	822314	312.253	ug/l	99
26) 2,2-Dichloropropane	7.477	77	290553	56.350	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	209787	55.025	ug/l	99
28) Bromochloromethane	7.800	49	142169	45.088	ug/l	100
29) Tetrahydrofuran	7.824	42	497430	294.990	ug/l	99
30) Chloroform	7.947	83	349670	55.104	ug/l	96
31) Cyclohexane	8.236	56	247642	52.737	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	298325	55.638	ug/l	97
36) 1,1-Dichloropropene	8.353	75	223041	56.816	ug/l	98
37) Ethyl Acetate	7.547	43	289500	56.159	ug/l	100
38) Carbon Tetrachloride	8.341	117	248492	55.163	ug/l	99
39) Methylcyclohexane	9.582	83	246611	56.946	ug/l	98
40) Benzene	8.588	78	736971	56.698	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone

09/25/2025

Supervised By :Mahesh Dadoda

09/26/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.759	41	150285	56.412 ug/l		95
42) 1,2-Dichloroethane	8.653	62	263356	54.293 ug/l		99
43) Isopropyl Acetate	8.671	43	473782	58.388 ug/l		100
44) Trichloroethene	9.330	130	172123	55.438 ug/l		95
45) 1,2-Dichloropropane	9.600	63	177676	54.513 ug/l		99
46) Dibromomethane	9.688	93	142752	55.506 ug/l		98
47) Bromodichloromethane	9.865	83	286880	56.872 ug/l		100
48) Methyl methacrylate	9.665	41	222006	59.080 ug/l		95
49) 1,4-Dioxane	9.682	88	71185	1282.318 ug/l	#	82
51) 4-Methyl-2-Pentanone	10.424	43	1500300	296.306 ug/l		99
52) Toluene	10.612	92	459785	56.369 ug/l		98
53) t-1,3-Dichloropropene	10.818	75	299223	57.959 ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	310488	57.906 ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	184053	55.496 ug/l		94
56) Ethyl methacrylate	10.853	69	290699	60.661 ug/l		97
57) 1,3-Dichloropropane	11.141	76	307756	56.418 ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	734787	326.109 ug/l		99
59) 2-Hexanone	11.176	43	1087701	324.882 ug/l		99
60) Dibromochloromethane	11.335	129	221692	56.853 ug/l		99
61) 1,2-Dibromoethane	11.447	107	194728	55.462 ug/l		98
64) Tetrachloroethene	11.082	164	141444	54.289 ug/l		96
65) Chlorobenzene	11.871	112	511312	56.175 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	187847	57.229 ug/l		97
67) Ethyl Benzene	11.941	91	874275	57.564 ug/l		99
68) m/p-Xylenes	12.047	106	683023	117.587 ug/l		100
69) o-Xylene	12.376	106	322891	57.859 ug/l		98
70) Styrene	12.388	104	563415	58.783 ug/l		99
71) Bromoform	12.559	173	156007	58.583 ug/l	#	98
73) Isopropylbenzene	12.676	105	831337	58.574 ug/l		100
74) N-amyl acetate	12.500	43	220526m	47.157 ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	281676	55.082 ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	231978m	51.389 ug/l		
77) Bromobenzene	12.959	156	216293	57.277 ug/l		99
78) n-propylbenzene	13.012	91	1027023	57.877 ug/l		99
79) 2-Chlorotoluene	13.100	91	617760	57.175 ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	717763	58.467 ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	112243	69.046 ug/l		85
82) 4-Chlorotoluene	13.200	91	639502	58.739 ug/l		99
83) tert-Butylbenzene	13.418	119	620694	59.733 ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	749831	59.548 ug/l		99
85) sec-Butylbenzene	13.594	105	900743	59.124 ug/l		99
86) p-Isopropyltoluene	13.706	119	757709	58.723 ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	423962	57.532 ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	431567	56.986 ug/l		96
89) n-Butylbenzene	14.035	91	713339	58.499 ug/l		99
90) Hexachloroethane	14.306	117	147691	54.796 ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	396826	55.866 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	63654	53.571 ug/l		95
93) 1,2,4-Trichlorobenzene	15.364	180	239951	57.214 ug/l		98
94) Hexachlorobutadiene	15.476	225	85034	55.087 ug/l		98
95) Naphthalene	15.611	128	798683	59.326 ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	238078	58.392 ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
09/25/2025
Supervised By :Mahesh Dadoda
09/26/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

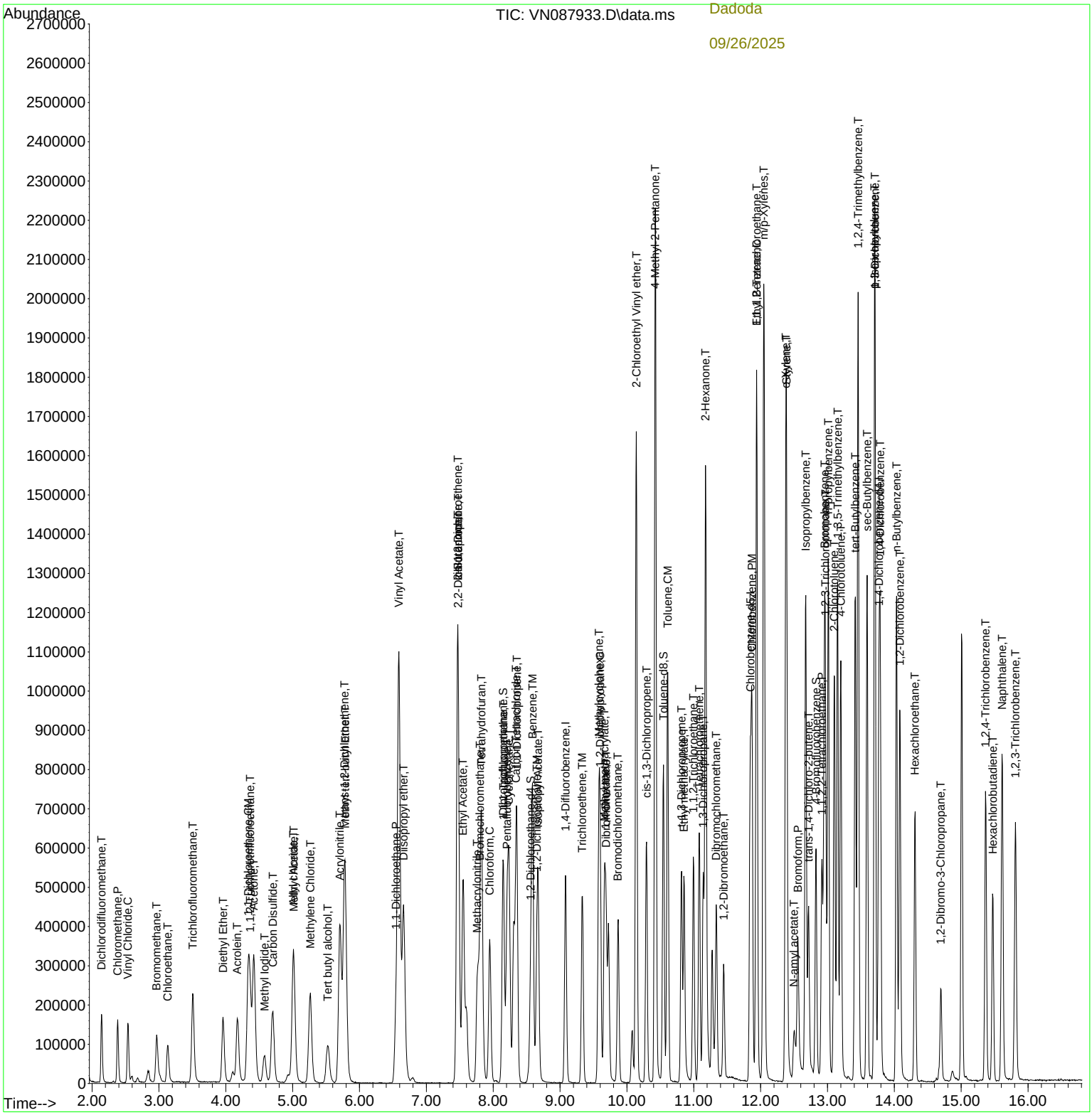
Manual Integrations APPROVED

Reviewed By :John Carlone

09/25/2025

Supervised By :Mahesh Dadoda

09/26/2025



Evaluate Continuing Calibration Report

Sample Results: **VN087933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	98	0.00
2	T	Dichlorodifluoromethane	0.579	0.611	-5.5	114	0.00
3	P	Chloromethane	0.593	0.640	-7.9	118	0.00
4	C	Vinyl Chloride	0.605	0.629	-4.0#	111	0.00
5	T	Bromomethane	0.375	0.414	-10.4	127	0.00
6	T	Chloroethane	0.393	0.421	-7.1	116	0.00
7	T	Trichlorofluoromethane	0.985	1.050	-6.6	116	0.00
8	T	Diethyl Ether	0.372	0.412	-10.8	119	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.558	-7.1	115	0.00
10	T	Methyl Iodide	0.468	0.521	-11.3	110	0.00
11	T	Tert butyl alcohol	0.121	0.148	-22.3	134	0.00
12	CM	1,1-Dichloroethene	0.525	0.571	-8.8#	119	0.00
13	T	Acrolein	0.156	0.171	-9.6	139	0.00
14	T	Allyl chloride	0.855	0.971	-13.6	125	0.00
15	T	Acrylonitrile	0.380	0.437	-15.0	123	0.00
16	T	Acetone	0.346	0.486	-40.5#	159#	0.00
17	T	Carbon Disulfide	1.641	1.742	-6.2	115	0.00
18	T	Methyl Acetate	0.866	1.021	-17.9	123	0.00
19	T	Methyl tert-butyl Ether	2.052	2.312	-12.7	118	0.00
20	T	Methylene Chloride	0.701	0.740	-5.6	116	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.687	-6.7	118	0.00
22	T	Diisopropyl ether	1.996	2.288	-14.6	123	0.00
23	T	Vinyl Acetate	1.681	2.110	-25.5#	132	0.00
24	P	1,1-Dichloroethane	1.166	1.286	-10.3	119	0.00
25	T	2-Butanone	0.529	0.661	-25.0	135	0.00
26	T	2,2-Dichloropropane	1.036	1.168	-12.7	122	0.00
27	T	cis-1,2-Dichloroethene	0.766	0.843	-10.1	119	0.00
28	T	Bromochloromethane	0.634	0.571	9.9	84	0.00
29	T	Tetrahydrofuran	0.339	0.400	-18.0	126	0.00
30	C	Chloroform	1.275	1.405	-10.2#	120	0.00
31	T	Cyclohexane	0.944	0.995	-5.4	118	0.00
32	T	1,1,1-Trichloroethane	1.077	1.199	-11.3	122	0.00
33	S	1,2-Dichloroethane-d4	0.841	0.796	5.4	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.363	0.341	6.1	90	0.00
36	T	1,1-Dichloropropene	0.437	0.496	-13.5	119	0.00
37	T	Ethyl Acetate	0.573	0.644	-12.4	118	0.00
38	T	Carbon Tetrachloride	0.501	0.553	-10.4	117	0.00
39	T	Methylcyclohexane	0.482	0.548	-13.7	121	0.00
40	TM	Benzene	1.445	1.639	-13.4	119	0.00
41	T	Methacrylonitrile	0.296	0.334	-12.8	114	0.00
42	TM	1,2-Dichloroethane	0.539	0.586	-8.7	119	0.00
43	T	Isopropyl Acetate	0.902	1.054	-16.9	124	0.00
44	TM	Trichloroethene	0.345	0.383	-11.0	119	0.00
45	C	1,2-Dichloropropane	0.362	0.395	-9.1#	116	0.00
46	T	Dibromomethane	0.286	0.317	-10.8	120	0.00
47	T	Bromodichloromethane	0.561	0.638	-13.7	120	0.00
48	T	Methyl methacrylate	0.418	0.494	-18.2	124	0.00

Sample Results: **VN087933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	0.006	0.008	-33.3#	138	0.00
50	S	Toluene-d8	1.277	1.189	6.9	86	0.00
51	T	4-Methyl-2-Pentanone	0.563	0.667	-18.5	122	0.00
52	CM	Toluene	0.907	1.023	-12.8#	118	0.00
53	T	t-1,3-Dichloropropene	0.574	0.665	-15.9	123	0.00
54	T	cis-1,3-Dichloropropene	0.596	0.691	-15.9	124	0.00
55	T	1,1,2-Trichloroethane	0.369	0.409	-10.8	118	0.00
56	T	Ethyl methacrylate	0.533	0.646	-21.2	123	0.00
57	T	1,3-Dichloropropane	0.607	0.684	-12.7	118	0.00
58	T	2-Chloroethyl Vinyl ether	0.251	0.327	-30.3#	146	0.00
59	T	2-Hexanone	0.372	0.484	-30.1#	128	0.00
60	T	Dibromochloromethane	0.434	0.493	-13.6	120	0.00
61	T	1,2-Dibromoethane	0.390	0.433	-11.0	117	0.00
62	S	4-Bromofluorobenzene	0.456	0.431	5.5	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.305	0.331	-8.5	112	0.00
65	PM	Chlorobenzene	1.064	1.195	-12.3	118	0.00
66	T	1,1,1,2-Tetrachloroethane	0.384	0.439	-14.3	118	0.00
67	C	Ethyl Benzene	1.775	2.044	-15.2#	120	0.00
68	T	m/p-Xylenes	0.679	0.798	-17.5	118	0.00
69	T	o-Xylene	0.652	0.755	-15.8	119	0.00
70	T	Styrene	1.120	1.317	-17.6	117	0.00
71	P	Bromoform	0.311	0.365	-17.4	120	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.099	3.630	-17.1	118	0.00
74	T	N-amyl acetate	1.021	0.963	5.7	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.117	1.230	-10.1	115	0.00
76	T	1,2,3-Trichloropropane	0.986	1.013	-2.7	107	0.00
77	T	Bromobenzene	0.825	0.945	-14.5	121	0.00
78	T	n-propylbenzene	3.874	4.485	-15.8	118	0.00
79	T	2-Chlorotoluene	2.359	2.698	-14.4	118	0.00
80	T	1,3,5-Trimethylbenzene	2.680	3.134	-16.9	119	0.00
81	T	trans-1,4-Dichloro-2-butene	0.355	0.490	-38.0#	145	0.00
82	T	4-Chlorotoluene	2.377	2.793	-17.5	119	0.00
83	T	tert-Butylbenzene	2.269	2.710	-19.4	120	0.00
84	T	1,2,4-Trimethylbenzene	2.749	3.274	-19.1	119	0.00
85	T	sec-Butylbenzene	3.326	3.933	-18.3	120	0.00
86	T	p-Isopropyltoluene	2.817	3.309	-17.5	118	0.00
87	T	1,3-Dichlorobenzene	1.609	1.851	-15.0	121	0.00
88	T	1,4-Dichlorobenzene	1.654	1.885	-14.0	122	0.00
89	T	n-Butylbenzene	2.662	3.115	-17.0	120	0.00
90	T	Hexachloroethane	0.588	0.645	-9.7	117	0.00
91	T	1,2-Dichlorobenzene	1.551	1.733	-11.7	117	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.259	0.278	-7.3	115	0.00
93	T	1,2,4-Trichlorobenzene	0.916	1.048	-14.4	121	0.00
94	T	Hexachlorobutadiene	0.337	0.371	-10.1	116	0.00
95	T	Naphthalene	2.939	3.488	-18.7	123	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	0.890	1.040	-16.9	121	0.00

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

Sample Results: **VN087933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	52.784	-5.6	114	0.00
3	P	Chloromethane	50.000	53.952	-7.9	118	0.00
4	C	Vinyl Chloride	50.000	51.999	-4.0#	111	0.00
5	T	Bromomethane	50.000	55.162	-10.3	127	0.00
6	T	Chloroethane	50.000	53.503	-7.0	116	0.00
7	T	Trichlorofluoromethane	50.000	53.303	-6.6	116	0.00
8	T	Diethyl Ether	50.000	55.397	-10.8	119	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.593	-7.2	115	0.00
10	T	Methyl Iodide	50.000	55.579	-11.2	110	0.00
11	T	Tert butyl alcohol	250.000	304.666	-21.9	134	0.00
12	CM	1,1-Dichloroethene	50.000	54.374	-8.7#	119	0.00
13	T	Acrolein	250.000	275.317	-10.1	139	0.00
14	T	Allyl chloride	50.000	56.807	-13.6	125	0.00
15	T	Acrylonitrile	250.000	287.187	-14.9	123	0.00
16	T	Acetone	250.000	350.611	-40.2#	159	0.00
17	T	Carbon Disulfide	50.000	53.071	-6.1	115	0.00
18	T	Methyl Acetate	50.000	58.937	-17.9	123	0.00
19	T	Methyl tert-butyl Ether	50.000	56.339	-12.7	118	0.00
20	T	Methylene Chloride	50.000	52.764	-5.5	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.340	-6.7	118	0.00
22	T	Diisopropyl ether	50.000	57.320	-14.6	123	0.00
23	T	Vinyl Acetate	250.000	313.916	-25.6#	132	0.00
24	P	1,1-Dichloroethane	50.000	55.133	-10.3	119	0.00
25	T	2-Butanone	250.000	312.253	-24.9	135	0.00
26	T	2,2-Dichloropropane	50.000	56.350	-12.7	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.025	-10.0	119	0.00
28	T	Bromochloromethane	50.000	45.088	9.8	84	0.00
29	T	Tetrahydrofuran	250.000	294.990	-18.0	126	0.00
30	C	Chloroform	50.000	55.104	-10.2#	120	0.00
31	T	Cyclohexane	50.000	52.737	-5.5	118	0.00
32	T	1,1,1-Trichloroethane	50.000	55.638	-11.3	122	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.323	5.4	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	46.912	6.2	90	0.00
36	T	1,1-Dichloropropene	50.000	56.816	-13.6	119	0.00
37	T	Ethyl Acetate	50.000	56.159	-12.3	118	0.00
38	T	Carbon Tetrachloride	50.000	55.163	-10.3	117	0.00
39	T	Methylcyclohexane	50.000	56.946	-13.9	121	0.00
40	TM	Benzene	50.000	56.698	-13.4	119	0.00
41	T	Methacrylonitrile	50.000	56.412	-12.8	114	0.00
42	TM	1,2-Dichloroethane	50.000	54.293	-8.6	119	0.00
43	T	Isopropyl Acetate	50.000	58.388	-16.8	124	0.00
44	TM	Trichloroethene	50.000	55.438	-10.9	119	0.00
45	C	1,2-Dichloropropane	50.000	54.513	-9.0#	116	0.00
46	T	Dibromomethane	50.000	55.506	-11.0	120	0.00
47	T	Bromodichloromethane	50.000	56.872	-13.7	120	0.00
48	T	Methyl methacrylate	50.000	59.080	-18.2	124	0.00

Sample Results: **VN087933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	1282.318	-28.2#	138	0.00
50	S	Toluene-d8	50.000	46.564	6.9	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	296.306	-18.5	122	0.00
52	CM	Toluene	50.000	56.369	-12.7#	118	0.00
53	T	t-1,3-Dichloropropene	50.000	57.959	-15.9	123	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.906	-15.8	124	0.00
55	T	1,1,2-Trichloroethane	50.000	55.496	-11.0	118	0.00
56	T	Ethyl methacrylate	50.000	60.661	-21.3	123	0.00
57	T	1,3-Dichloropropane	50.000	56.418	-12.8	118	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	326.109	-30.4#	146	0.00
59	T	2-Hexanone	250.000	324.882	-30.0#	128	0.00
60	T	Dibromochloromethane	50.000	56.853	-13.7	120	0.00
61	T	1,2-Dibromoethane	50.000	55.462	-10.9	117	0.00
62	S	4-Bromofluorobenzene	50.000	47.203	5.6	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	54.289	-8.6	112	0.00
65	PM	Chlorobenzene	50.000	56.175	-12.3	118	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.229	-14.5	118	0.00
67	C	Ethyl Benzene	50.000	57.564	-15.1#	120	0.00
68	T	m/p-Xylenes	100.000	117.587	-17.6	118	0.00
69	T	o-Xylene	50.000	57.859	-15.7	119	0.00
70	T	Styrene	50.000	58.783	-17.6	117	0.00
71	P	Bromoform	50.000	58.583	-17.2	120	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	58.574	-17.1	118	0.00
74	T	N-amyl acetate	50.000	47.157	5.7	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.082	-10.2	115	0.00
76	T	1,2,3-Trichloropropane	50.000	51.389	-2.8	107	0.00
77	T	Bromobenzene	50.000	57.277	-14.6	121	0.00
78	T	n-propylbenzene	50.000	57.877	-15.8	118	0.00
79	T	2-Chlorotoluene	50.000	57.175	-14.3	118	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.467	-16.9	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	69.046	-38.1#	145	0.00
82	T	4-Chlorotoluene	50.000	58.739	-17.5	119	0.00
83	T	tert-Butylbenzene	50.000	59.733	-19.5	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	59.548	-19.1	119	0.00
85	T	sec-Butylbenzene	50.000	59.124	-18.2	120	0.00
86	T	p-Isopropyltoluene	50.000	58.723	-17.4	118	0.00
87	T	1,3-Dichlorobenzene	50.000	57.532	-15.1	121	0.00
88	T	1,4-Dichlorobenzene	50.000	56.986	-14.0	122	0.00
89	T	n-Butylbenzene	50.000	58.499	-17.0	120	0.00
90	T	Hexachloroethane	50.000	54.796	-9.6	117	0.00
91	T	1,2-Dichlorobenzene	50.000	55.866	-11.7	117	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.571	-7.1	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.214	-14.4	121	0.00
94	T	Hexachlorobutadiene	50.000	55.087	-10.2	116	0.00
95	T	Naphthalene	50.000	59.326	-18.7	123	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087933.D
Acq On : 24 Sep 2025 08:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 03:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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	58.392	-16.8	121	0.00

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

Raw Data: **VW032223.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ALWA01
Lab Code: ACE
SDG No.: Q3157
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.

Raw Data: **VW032223.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ALWA01
Lab Code: ACE
SDG No.: Q3157
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.

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

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

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

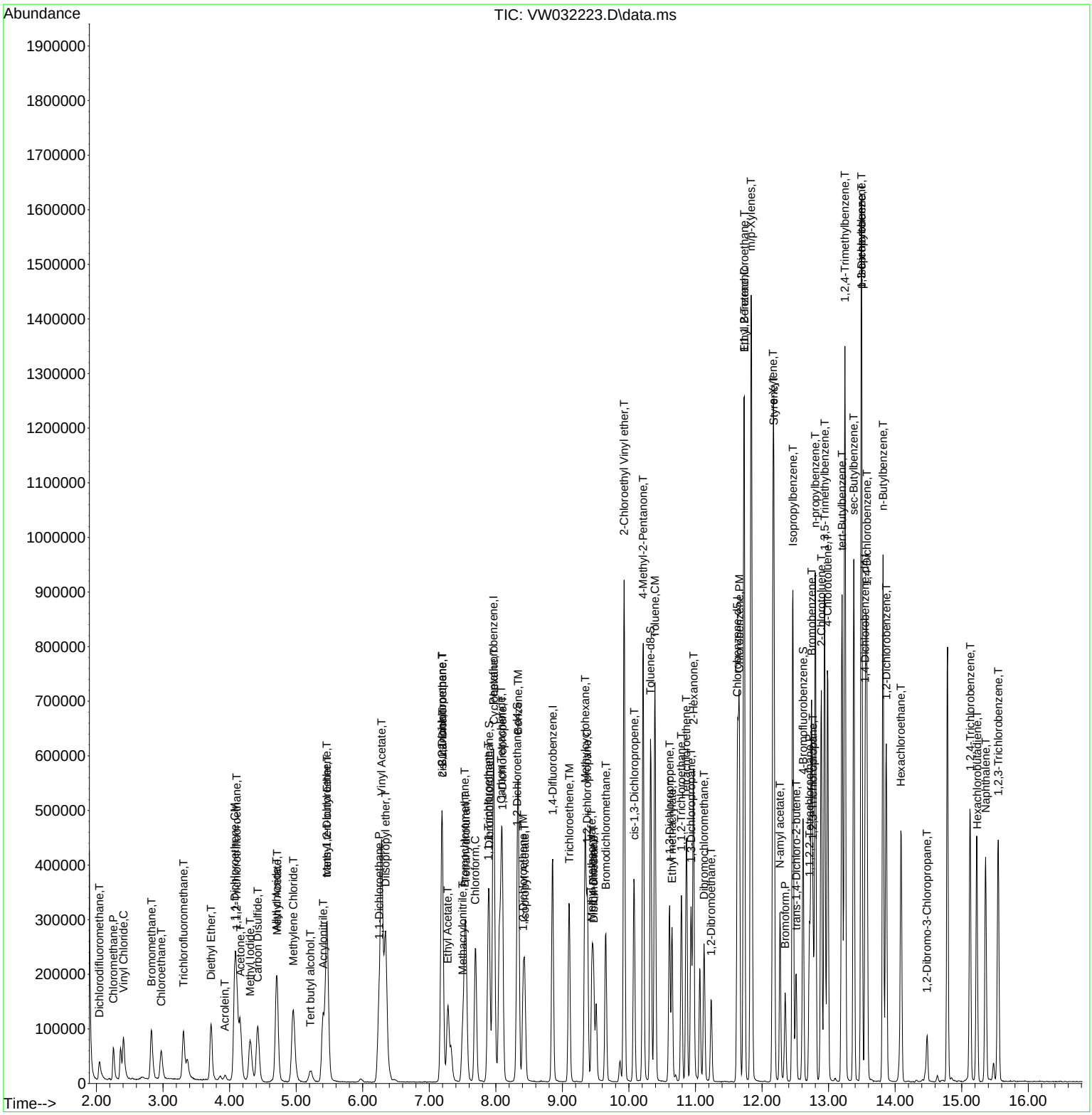
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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

Sample Results: **VW032223.D**

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

Sample Results: **VW032223.D**

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

Sample Results: **VW032223.D**

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

Sample Results: **VW032223.D**

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

Sample Results: **VW032223.D**

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

Sample Results: **VW032223.D**

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

QC SAMPLE DATA

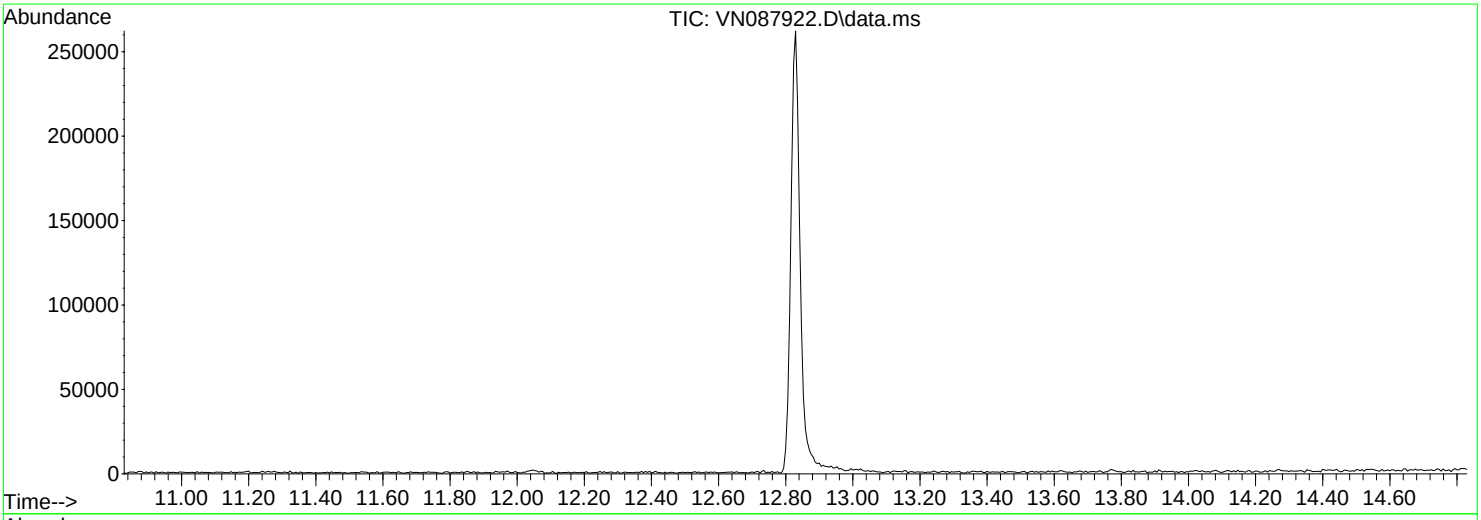
Sample Results: **VN087922.D**

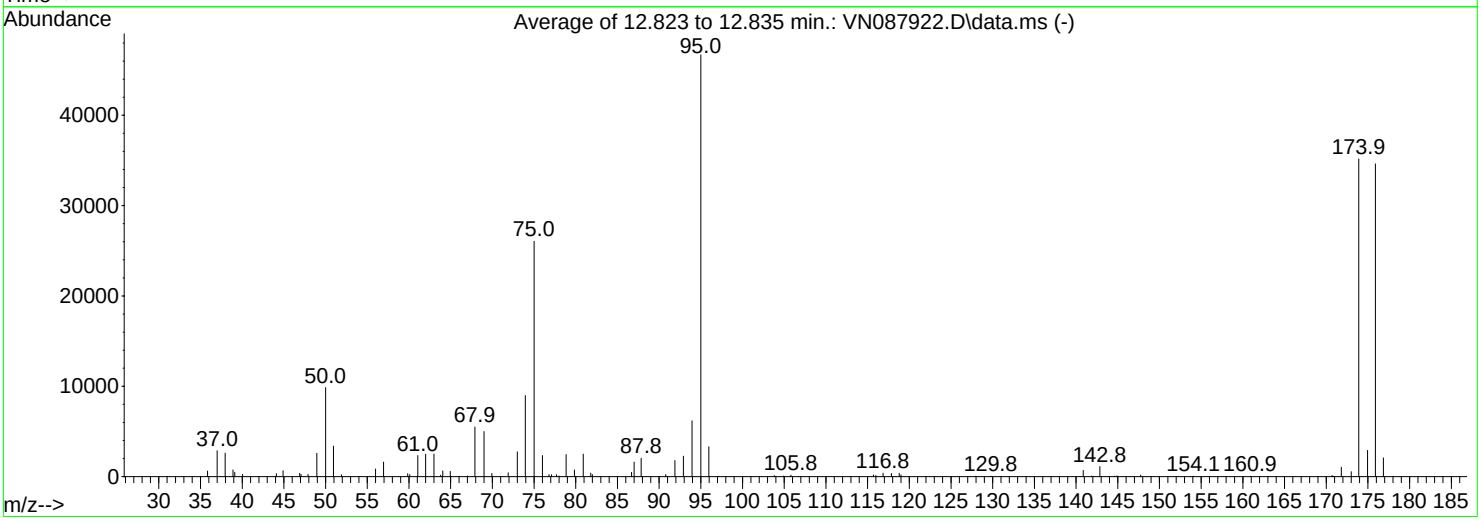
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087922.D
Acq On : 23 Sep 2025 08:31
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Title : SW846 8260
Last Update : Wed Sep 24 05:05:30 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1840

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.1	9874	PASS
75	95	30	60	55.8	26056	PASS
95	95	100	100	100.0	46688	PASS
96	95	5	9	7.1	3306	PASS
173	174	0.00	2	1.6	554	PASS
174	95	50	100	75.3	35176	PASS
175	174	5	9	8.3	2908	PASS
176	174	95	101	98.4	34627	PASS
177	176	5	9	6.0	2077	PASS

Average of 12.823 to 12.835 min.: VN087922.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.85	625	48.95	2588	63.80	152	75.00	2605
37.00	2871	50.00	9874	64.05	645	76.00	233
37.95	2605	50.95	3389	64.95	588	76.80	22
38.90	742	51.90	213	66.00	61	77.10	20
39.10	485	56.00	853	67.00	79	77.70	218
40.05	250	56.95	1606	67.90	5482	78.00	70
44.10	330	59.85	316	69.00	5001	78.85	2440
44.90	658	60.10	236	69.95	346	79.85	751
46.90	367	61.05	2344	71.90	433	80.90	2498
47.05	246	62.00	2480	73.00	2738	81.80	389
47.90	253	63.00	2501	73.95	8981	82.00	222

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087922.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.70	487	104.90	74	141.90	65	173.90	35176
87.00	1618	105.80	183	142.85	1122	174.95	2908
87.85	2037	115.70	188	144.60	61	175.90	34627
90.80	228	116.00	127	144.90	85	176.85	2077
91.90	1791	116.85	389	147.75	172		
92.90	2267	117.85	359	154.10	52		
93.95	6190	118.80	369	160.90	59		
95.00	46688	119.00	193	170.70	137		
95.95	3306	127.90	51	170.90	58		
97.10	61	129.80	57	171.80	1053		
103.80	124	140.85	699	173.00	554		

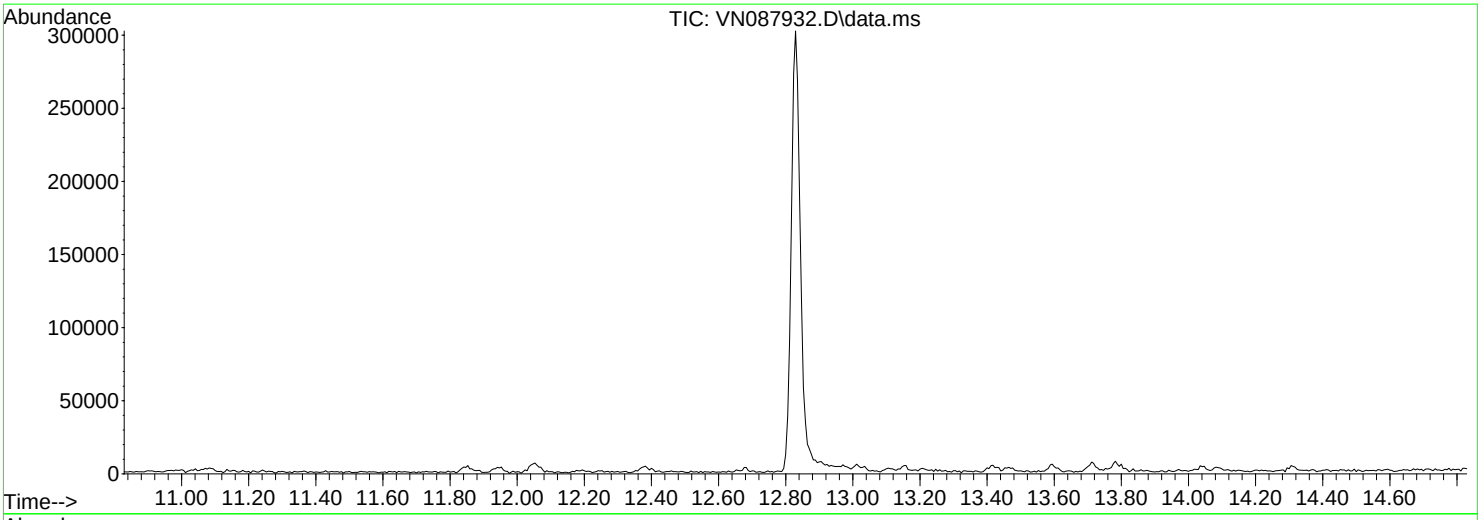
Sample Results: **VN087932.D**

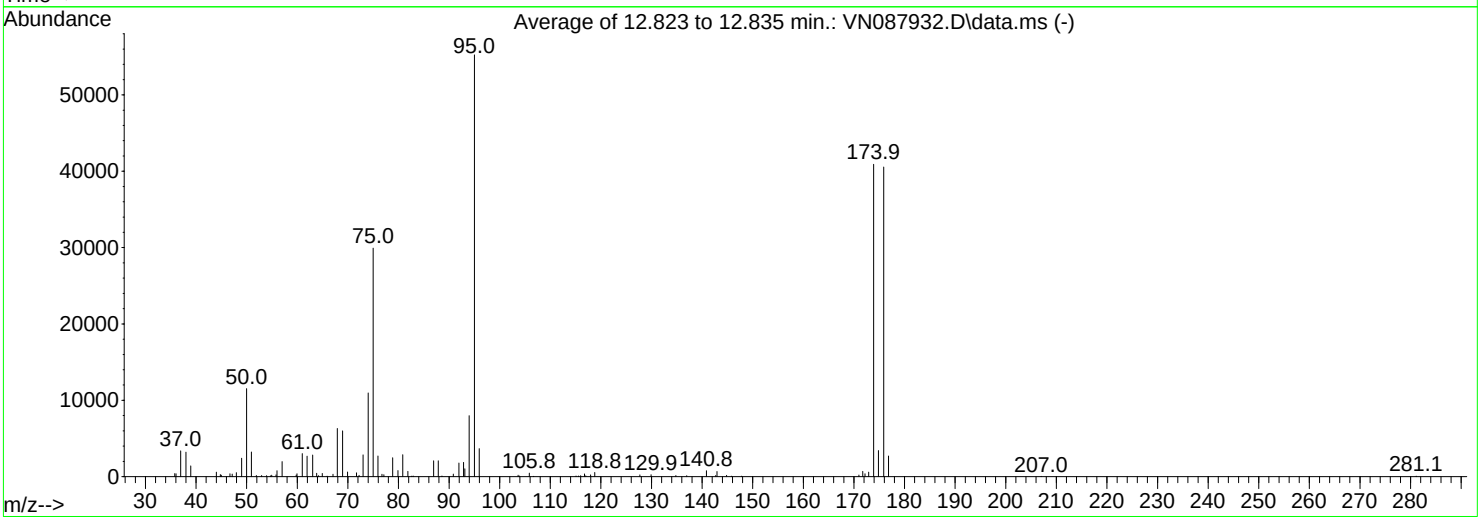
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087932.D
Acq On : 24 Sep 2025 07:41
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Title : SW846 8260
Last Update : Wed Sep 24 05:05:30 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1839

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.9	11523	PASS
75	95	30	60	54.2	29931	PASS
95	95	100	100	100.0	55245	PASS
96	95	5	9	6.7	3678	PASS
173	174	0.00	2	1.4	589	PASS
174	95	50	100	74.1	40912	PASS
175	174	5	9	8.4	3418	PASS
176	174	95	101	99.1	40560	PASS
177	176	5	9	6.7	2698	PASS

Average of 12.823 to 12.835 min.: VN087932.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.80	395	49.00	2406	59.80	203	68.95	599
36.05	382	50.00	11523	59.95	385	69.95	61
36.95	3368	50.95	3230	61.00	3027	71.70	50
38.00	3212	51.90	140	61.95	2691	72.20	16
38.95	1408	52.95	144	63.05	2821	73.00	2844
44.00	581	53.95	135	63.85	439	74.00	10971
44.80	282	54.70	111	64.20	120	75.00	29931
45.00	198	54.95	188	64.95	423	75.95	2699
46.70	382	55.80	227	65.90	55	76.75	314
47.15	342	56.00	769	67.05	320	77.10	249
47.95	523	57.00	1967	67.90	6304	78.85	2472

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087932.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
79.90	791	93.10	1029	116.75	362	144.85	163
80.85	2871	93.95	7977	117.00	115	145.80	61
81.85	702	95.00	55245	117.95	234	147.80	72
82.60	59	95.95	3678	118.80	550	171.00	211
82.90	91	103.65	184	127.70	233	171.75	682
86.95	2077	103.90	92	129.90	256	172.20	374
87.85	2068	105.85	455	134.80	146	172.90	589
88.60	84	106.70	50	136.95	116	173.90	40912
90.85	334	115.10	84	140.85	786	174.85	3418
91.95	1783	115.60	76	142.70	152	175.90	40560
92.85	1872	116.00	120	142.95	676	176.85	2698

Average of 12.823 to 12.835 min.: VN087932.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
207.00	35						
281.10	59						

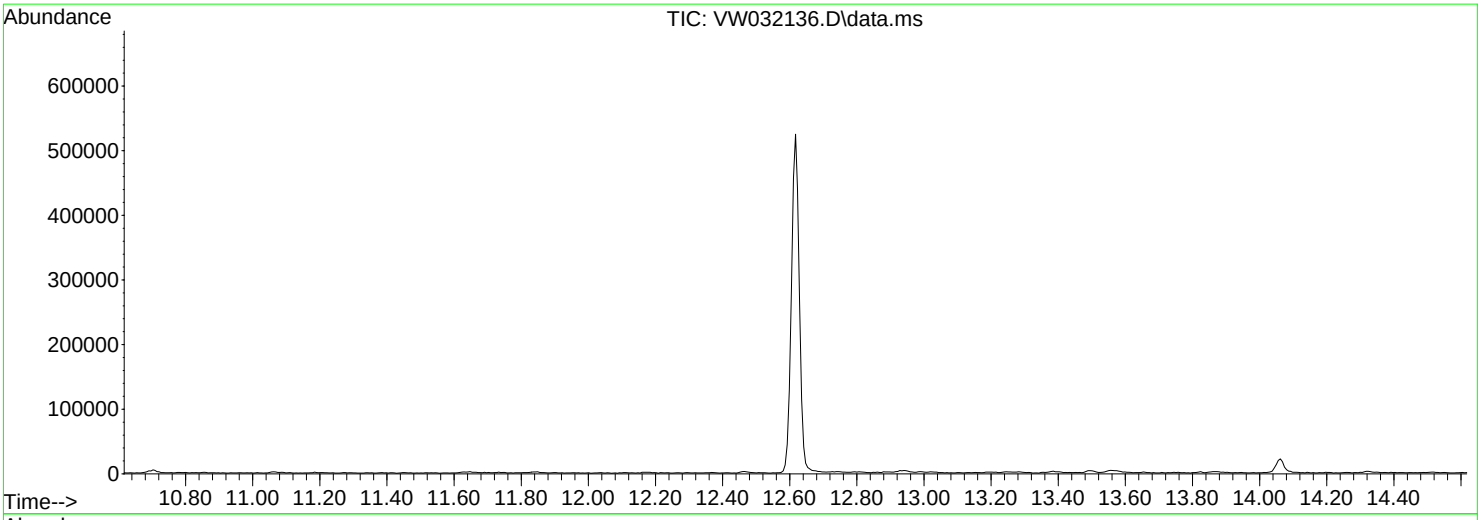
Sample Results: **VW032136.D**

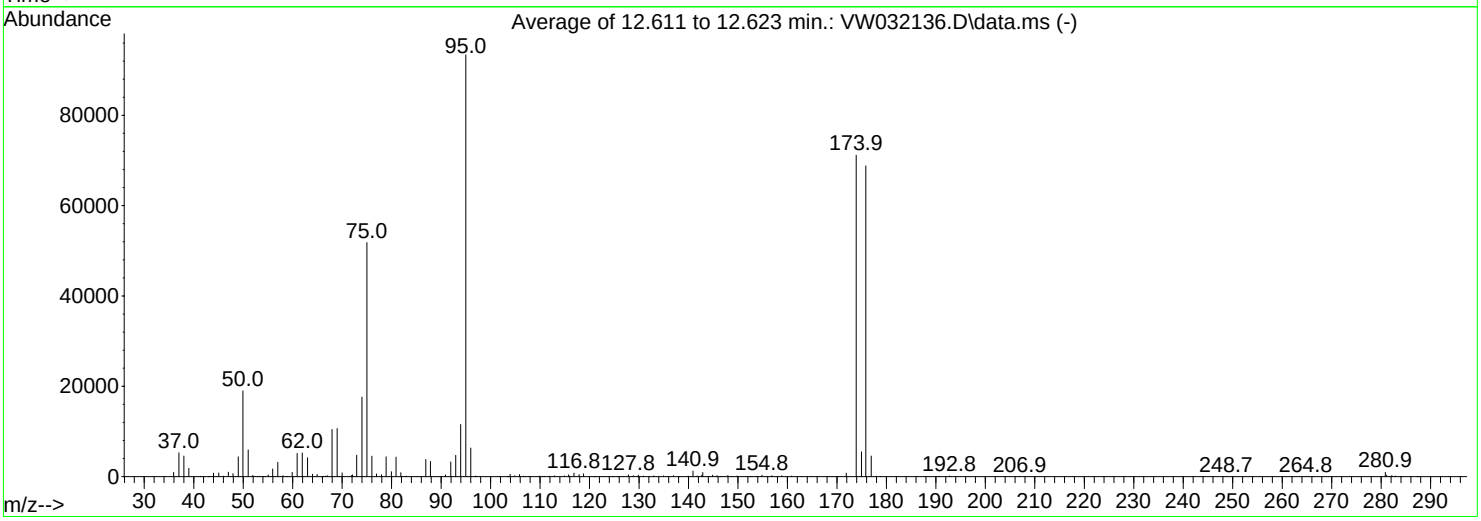
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032136.D
Acq On : 26 Aug 2025 08:38
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

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

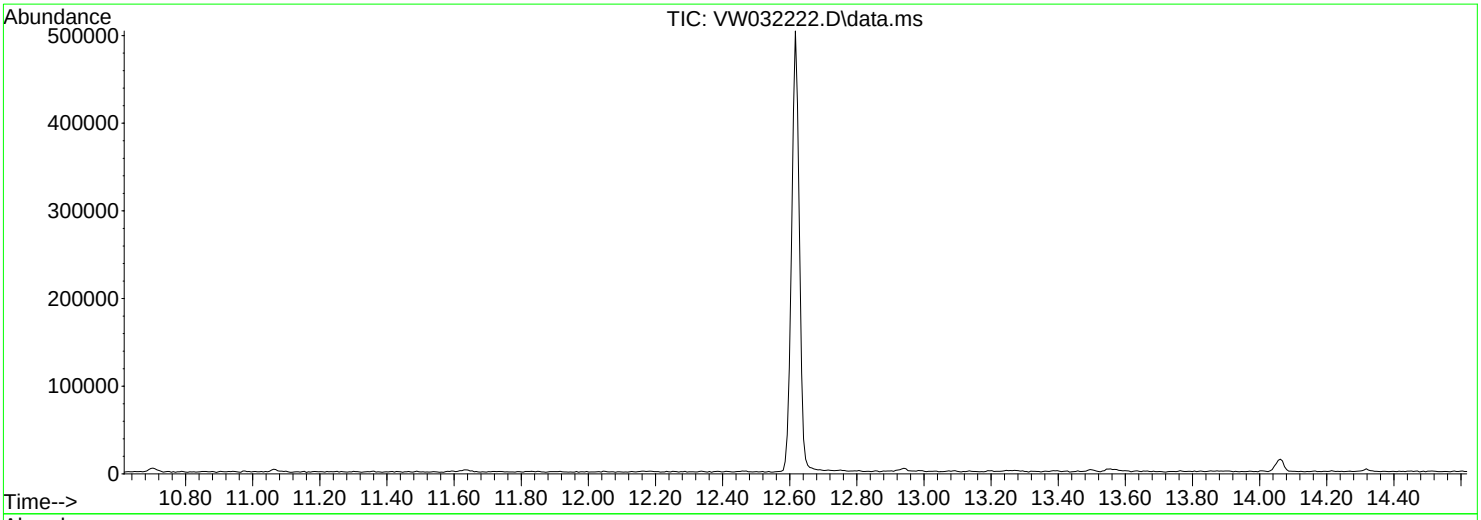
Sample Results: **VW032222.D**

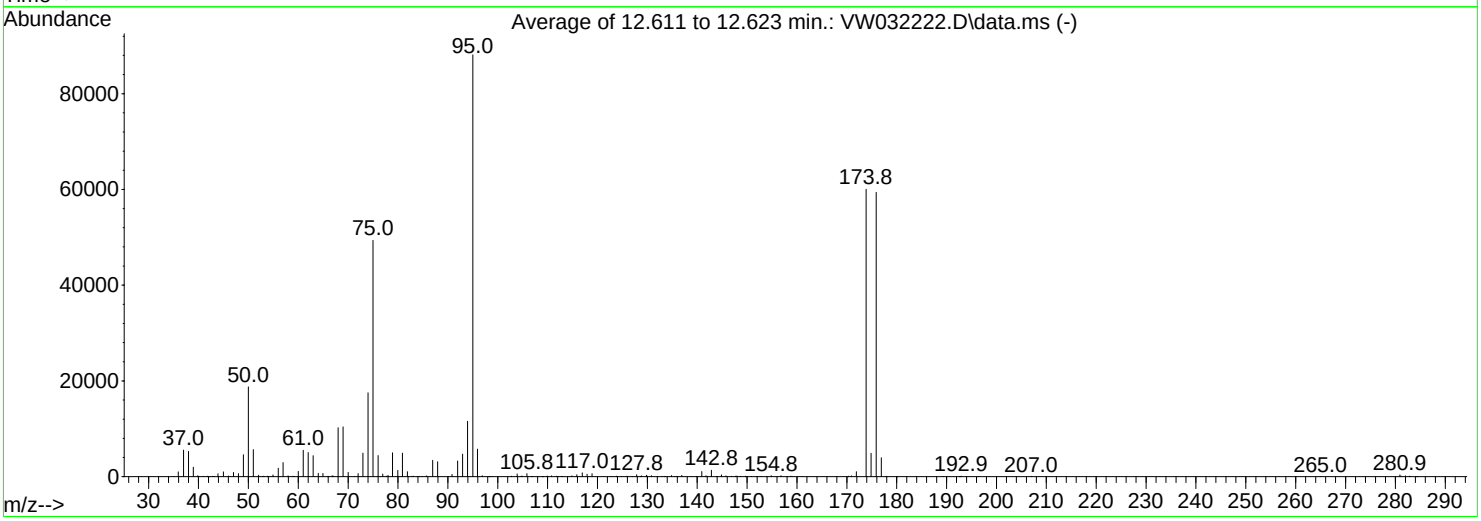
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032222.D
Acq On : 22 Sep 2025 08:04
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Raw Data: **VN087935.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBL01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

Raw Data: **VN087935.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBL01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.7		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	194000	8.206			
540-36-3	1,4-Difluorobenzene	424000	9.083			
3114-55-4	Chlorobenzene-d5	398000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	185000	13.771			

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBL01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087935.D
Acq On : 24 Sep 2025 09:47
Operator : JC\MD
Sample : VN0924WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Quant Time: Sep 25 03:05:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	194391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	423678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	397836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	185471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	178852	54.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.340%			
35) Dibromofluoromethane	8.153	113	153762	49.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	10.547	98	532842	49.257	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.829	95	179923	46.531	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.060%			
Target Compounds						Qvalue

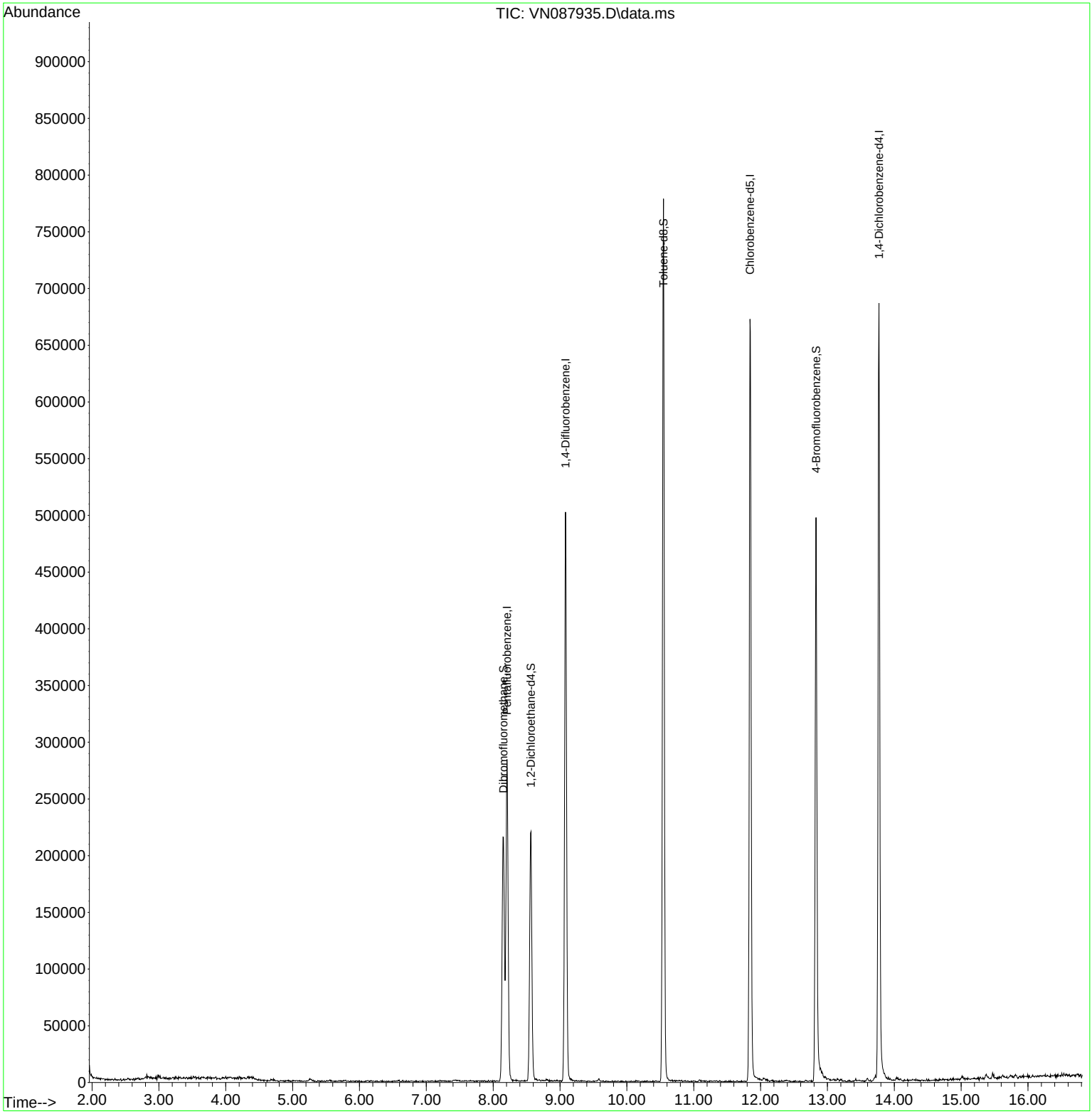
(#) = qualifier out of range (m) = manual integration (+) = signals summed

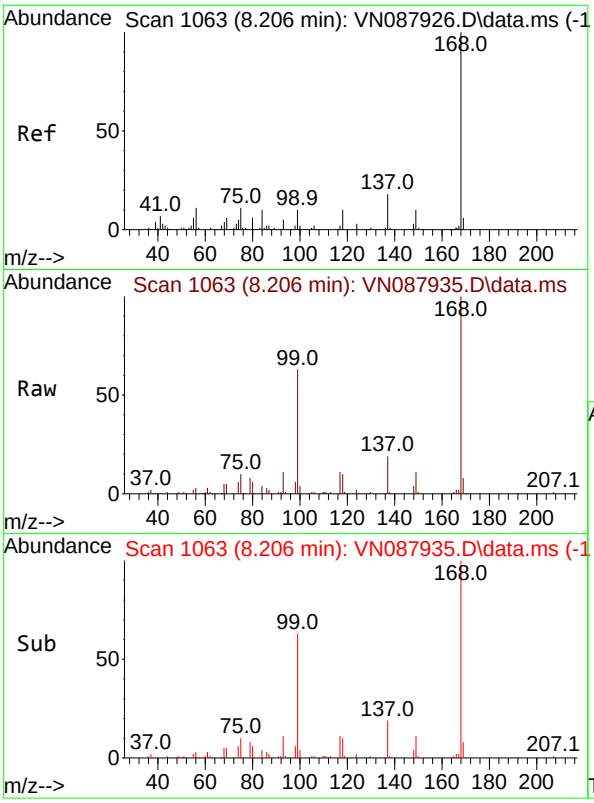
Sample Results: **VN087935.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087935.D
Acq On : 24 Sep 2025 09:47
Operator : JC\MD
Sample : VN0924WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Quant Time: Sep 25 03:05:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration



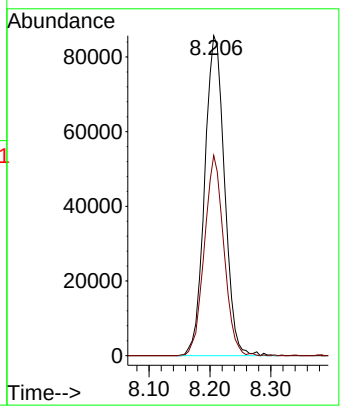


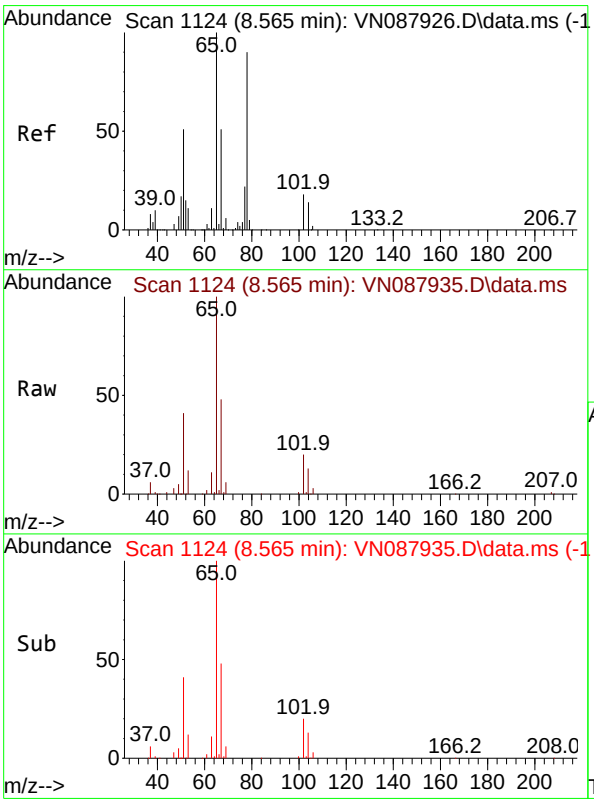
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion:168 Resp: 194391

Ion	Ratio	Lower	Upper
168	100		
99	62.6	52.2	78.2

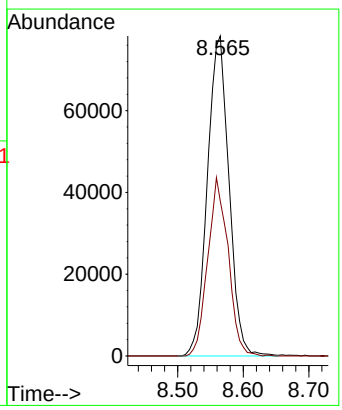


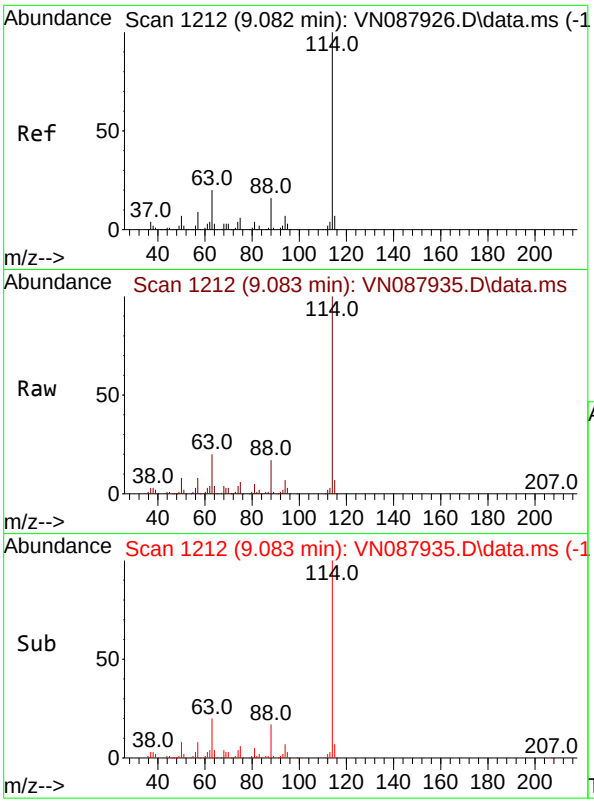


#33
1,2-Dichloroethane-d4
Concen: 54.671 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Tgt Ion: 65 Resp: 178852

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.4



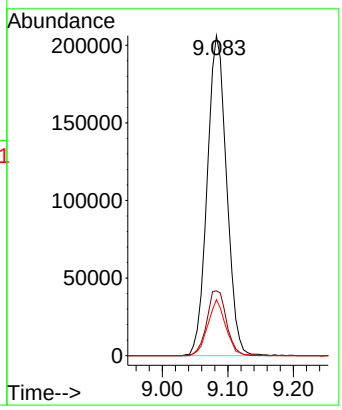


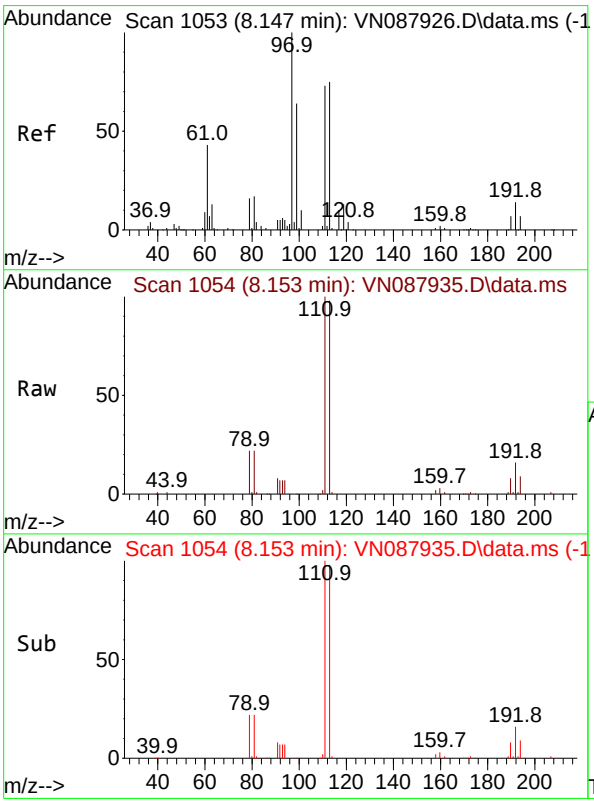
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion:114 Resp: 423678

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.0
88	17.5	0.0	31.8

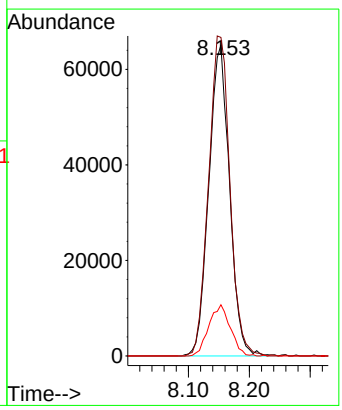


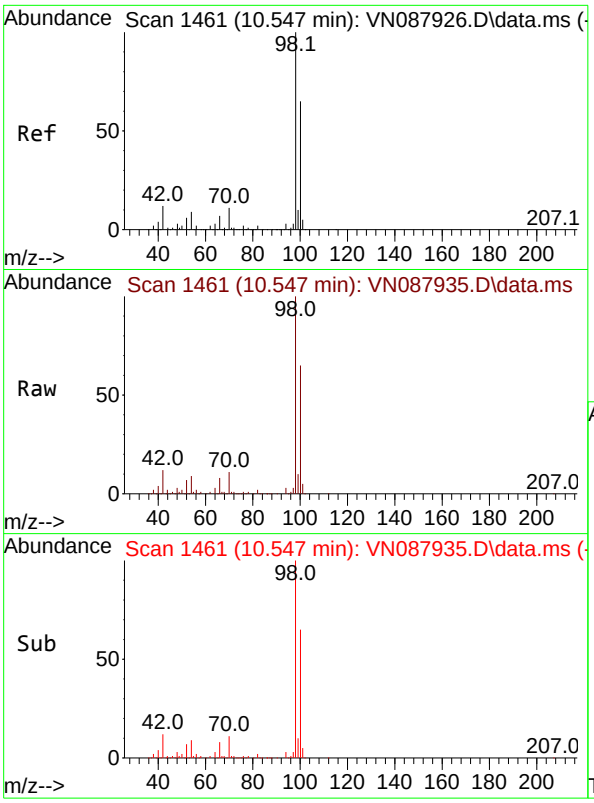


#35
Dibromofluoromethane
Concen: 49.985 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Tgt Ion:113 Resp: 153762

Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.2	123.2
192	17.2	14.2	21.2



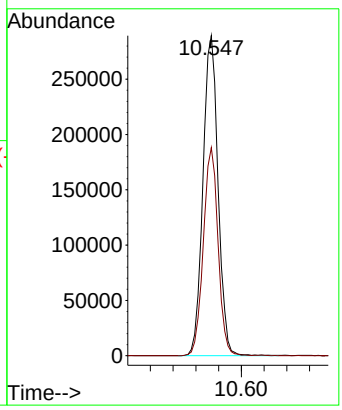


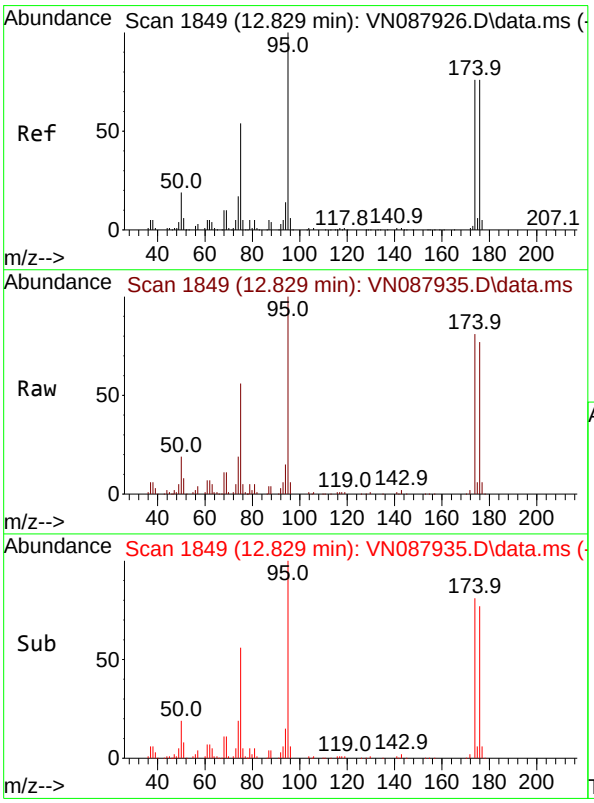
#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion: 98 Resp: 532842

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5

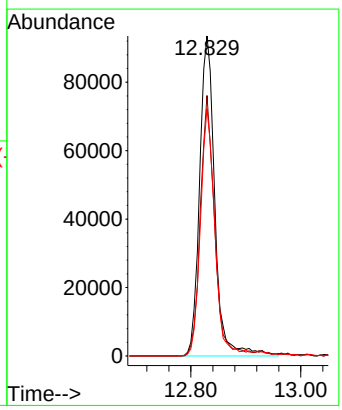


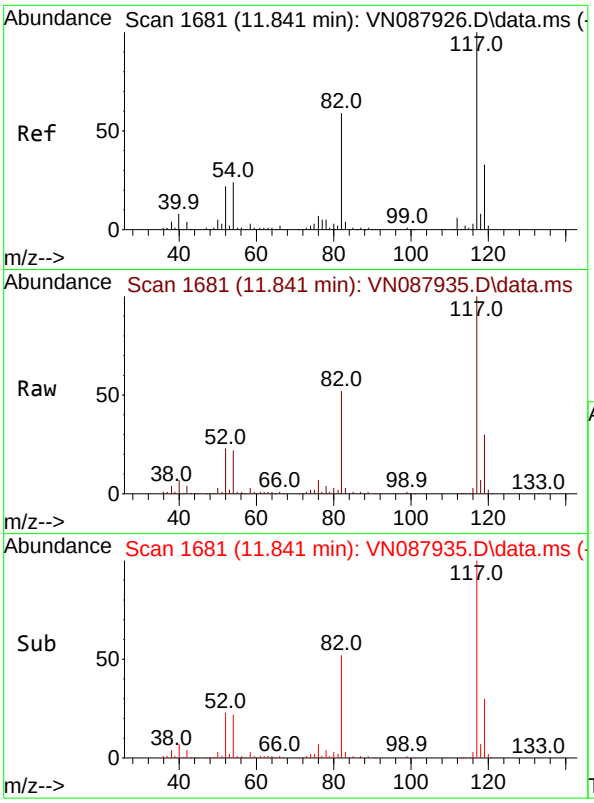


#62
4-Bromofluorobenzene
Concen: 46.531 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Tgt Ion: 95 Resp: 179923

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	159.2
176	72.4	0.0	152.6



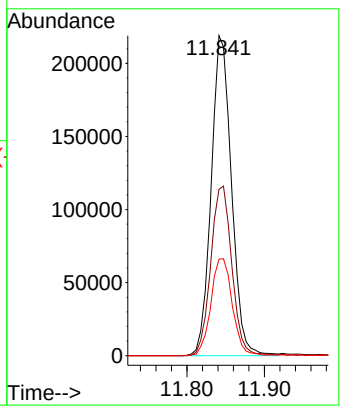


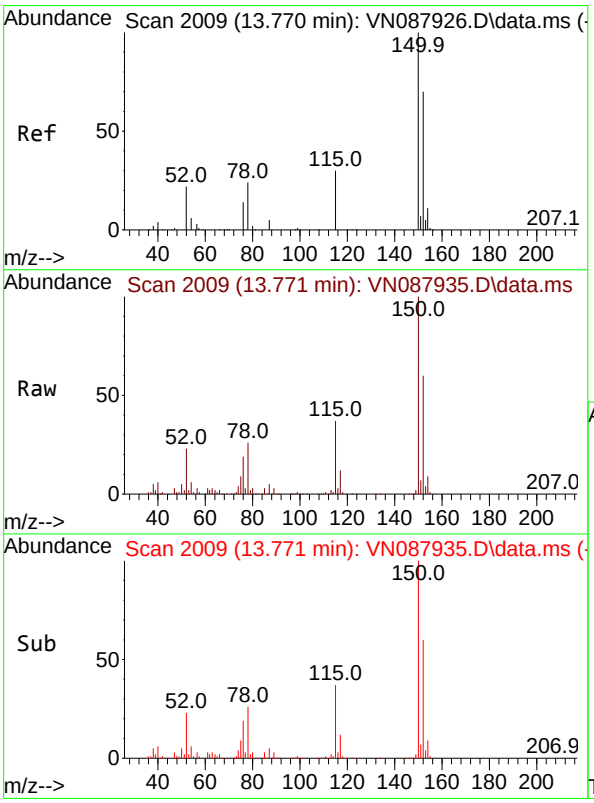
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion:117 Resp: 397836

Ion	Ratio	Lower	Upper
117	100		
82	52.0	47.0	70.4
119	30.1	26.1	39.1

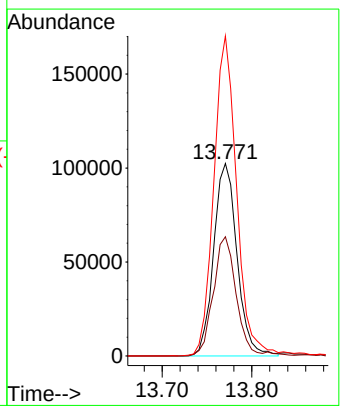




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087935.D
Acq: 24 Sep 2025 09:47

Tgt Ion:152 Resp: 185471

Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.9	89.7
150	163.2	0.0	335.0



Sample Results: **VN087935.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087935.D
Acq On : 24 Sep 2025 09:47
Operator : JC\MD
Sample : VN0924WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Title : SW846 8260

Signal : TIC: VN087935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1043	1053	1058	rBV	215401	523040	36.38%	6.962%
2	8.206	1058	1063	1076	rVB2	283163	629388	43.78%	8.378%
3	8.565	1114	1124	1134	rBV	220018	508054	35.34%	6.763%
4	9.083	1202	1212	1223	rBV	502058	1026456	71.40%	13.663%
5	10.547	1451	1461	1475	rBV	778409	1437622	100.00%	19.136%
6	11.841	1671	1681	1694	rBV	672360	1270306	88.36%	16.909%
7	12.829	1841	1849	1859	rBV	497106	901059	62.68%	11.994%
8	13.771	2002	2009	2028	rVB	683311	1216728	84.63%	16.196%

Sum of corrected areas: 7512653

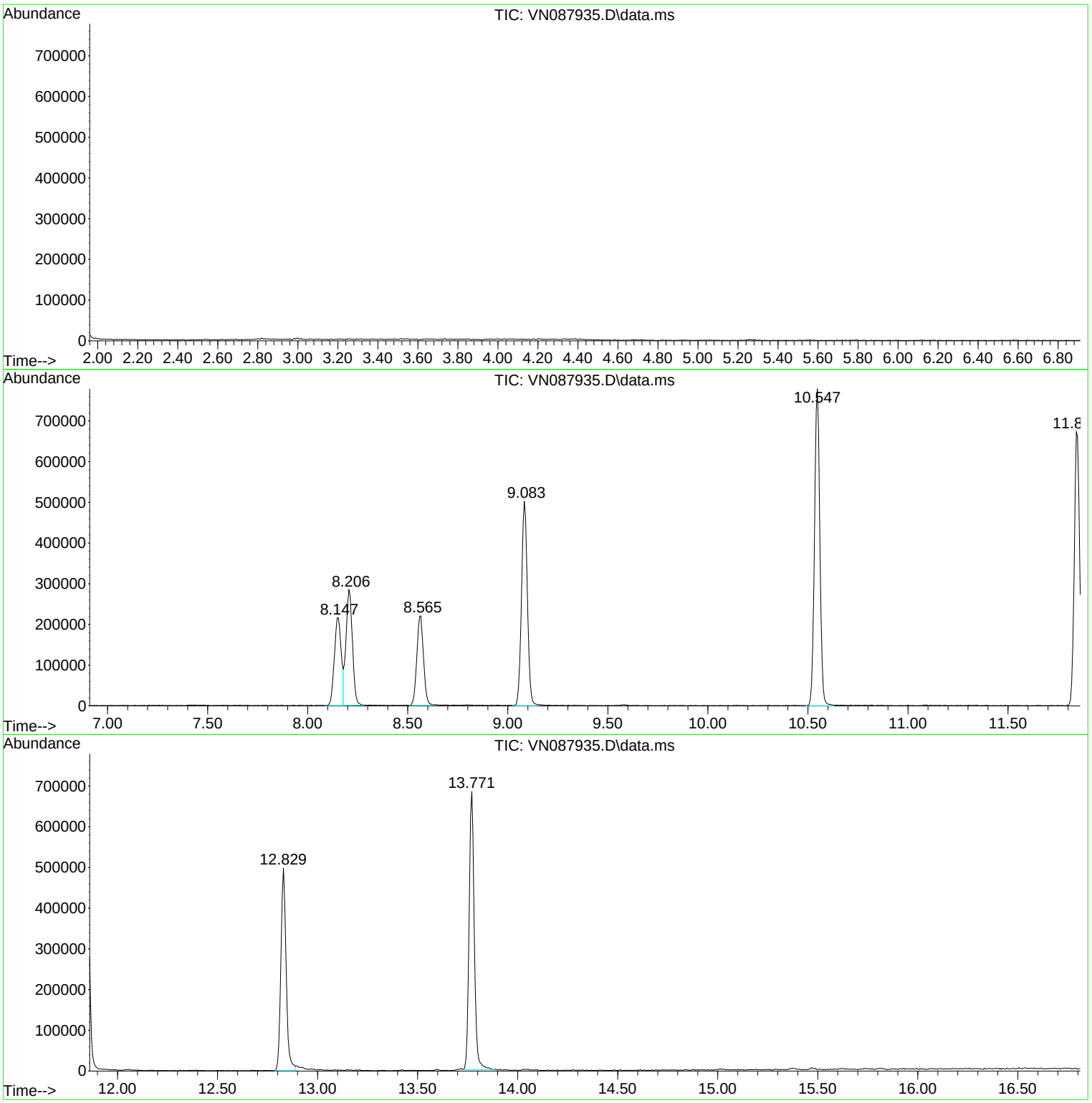
Sample Results: **VN087935.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087935.D
Acq On : 24 Sep 2025 09:47
Operator : JC\MD
Sample : VN0924WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087935.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087935.D
Acq On : 24 Sep 2025 09:47
Operator : JC\MD
Sample : VN0924WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087935.D
Acq On : 24 Sep 2025 09:47
Operator : JC\MD
Sample : VN0924WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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

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

Raw Data: **VW032224.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBL01	SDG No.:	Q3157
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:	VOC-TCLVOA-10
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

Raw Data: **VW032224.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBL01	SDG No.:	Q3157
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:	VOC-TCLVOA-10
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			

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBL01	SDG No.:	Q3157
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:	VOC-TCLVOA-10
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

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%			

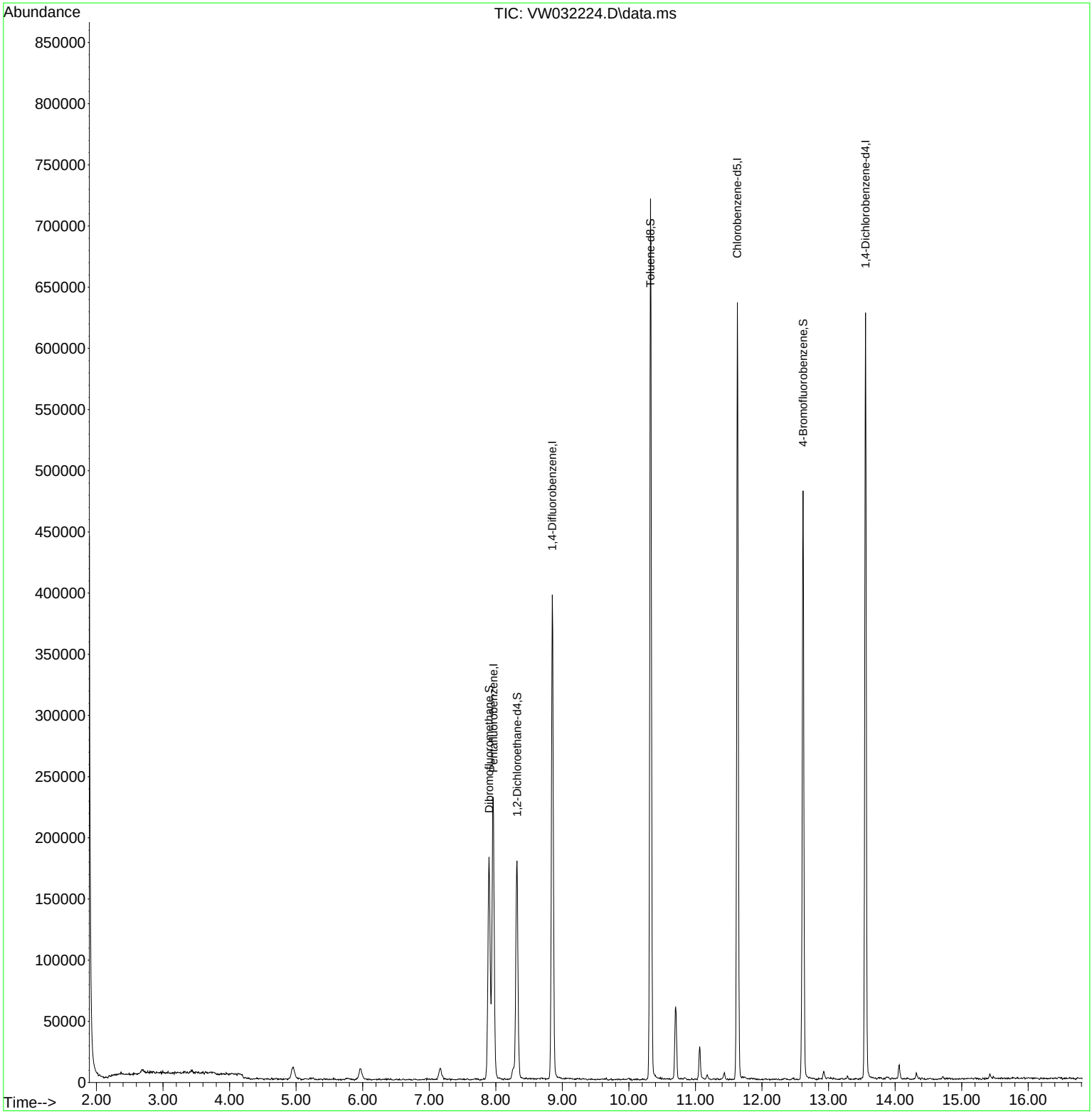
Target Compounds Qvalue

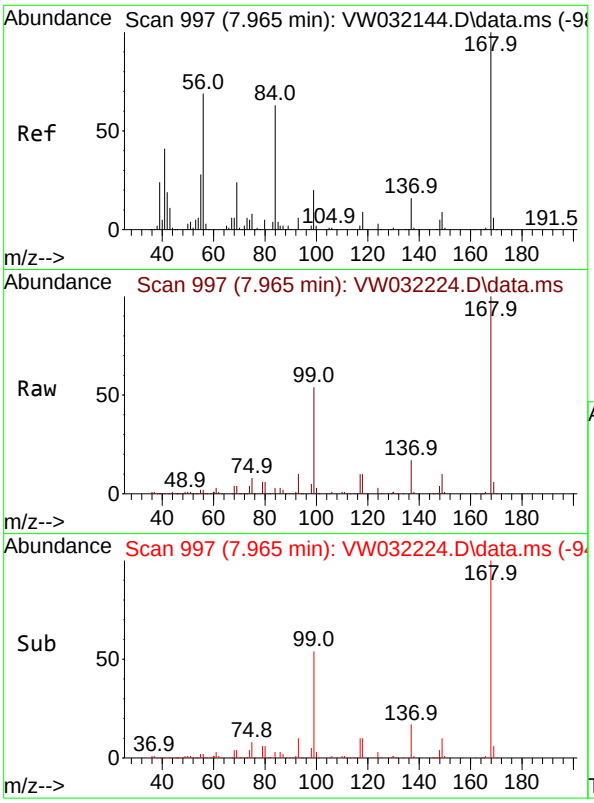
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



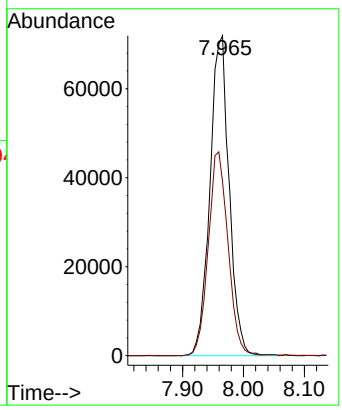


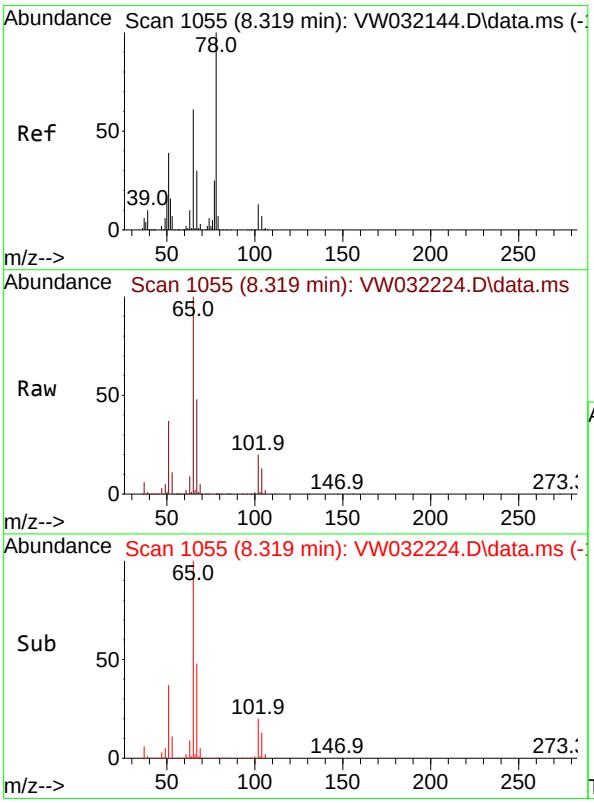
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Tgt Ion:168 Resp: 157714

Ion	Ratio	Lower	Upper
168	100		
99	54.4	49.3	73.9

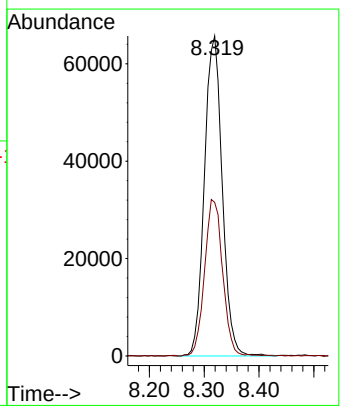


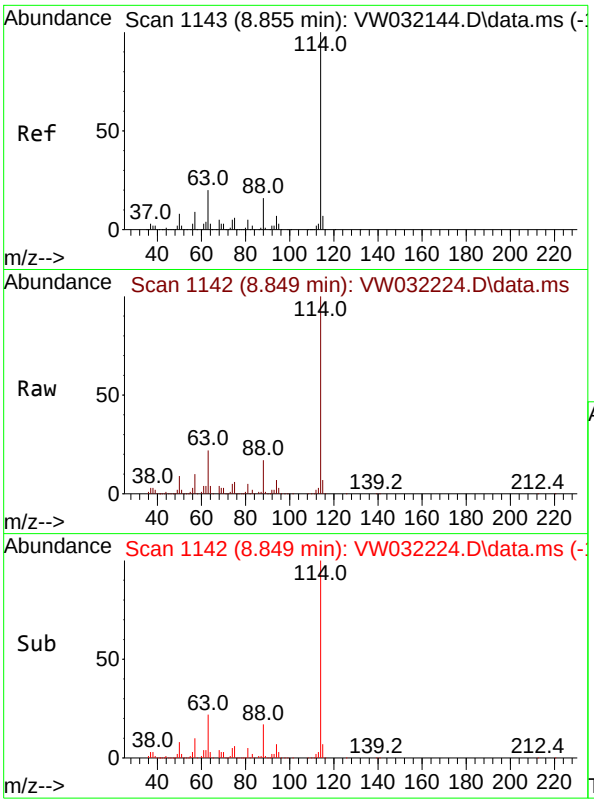


#33
1,2-Dichloroethane-d4
Concen: 65.662 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion: 65 Resp: 148101

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.6



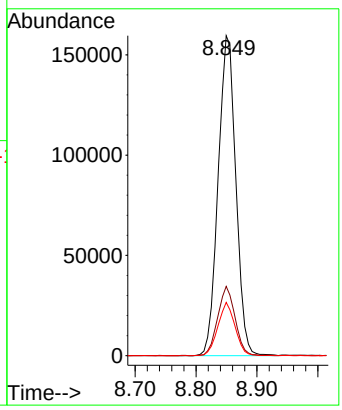


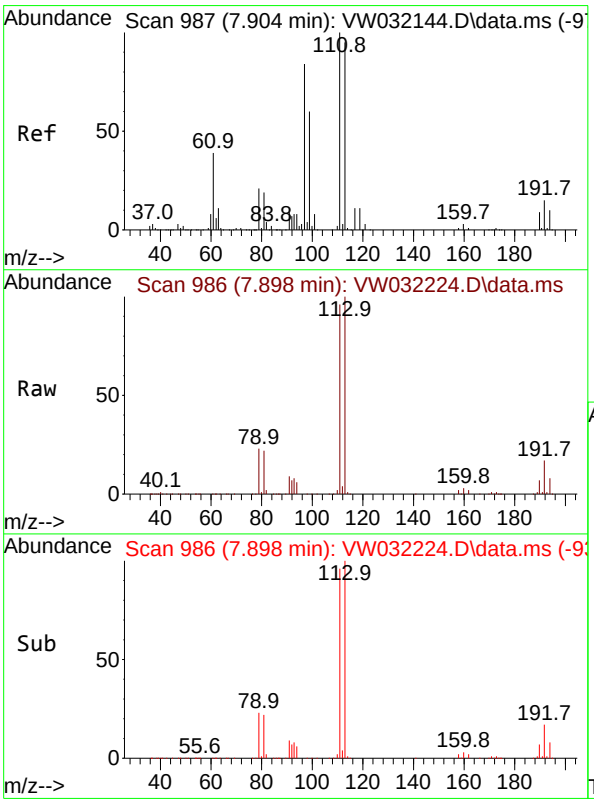
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

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

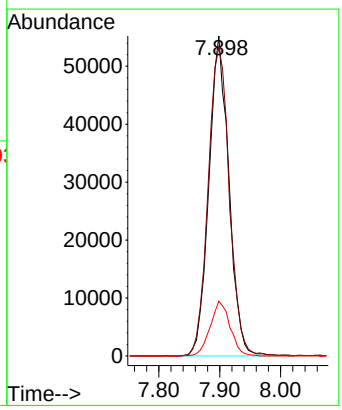


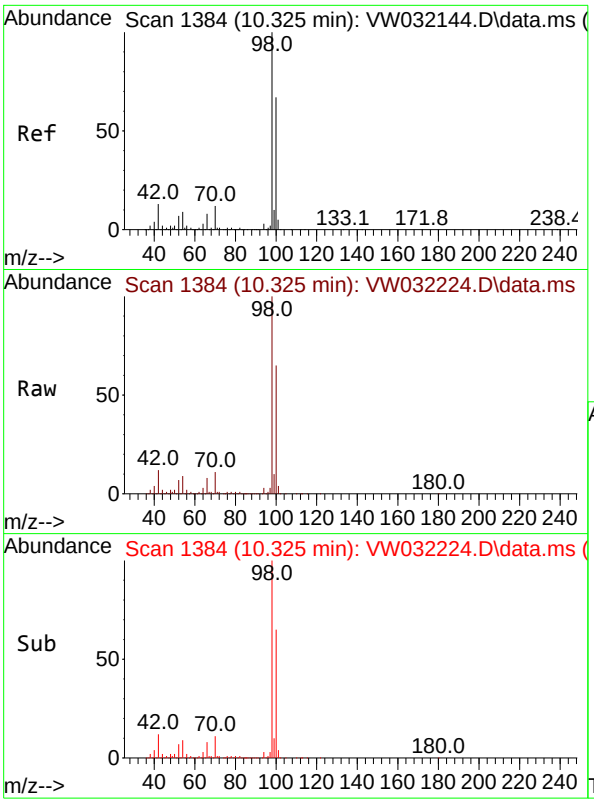


#35
Dibromofluoromethane
Concen: 55.658 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

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



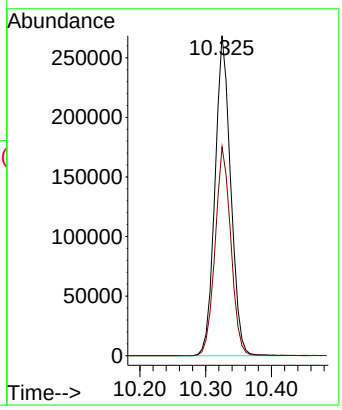


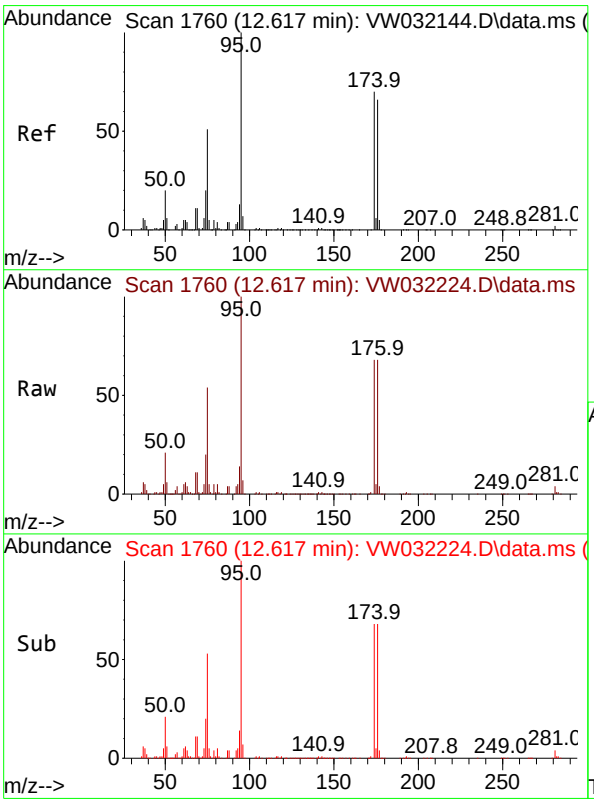
#50
Toluene-d8
Concen: 56.218 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Tgt Ion: 98 Resp: 445779

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.4	77.2

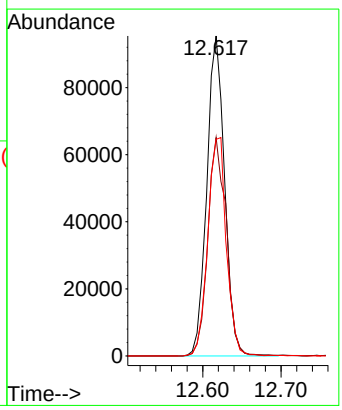


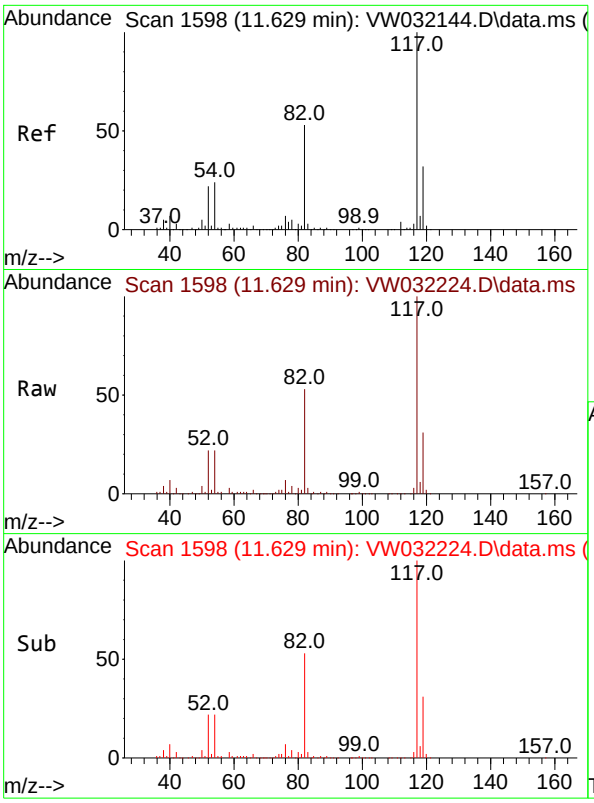


#62
4-Bromofluorobenzene
Concen: 51.274 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

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



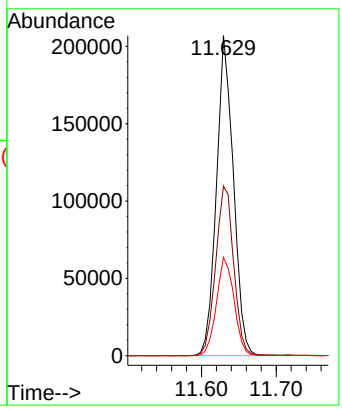


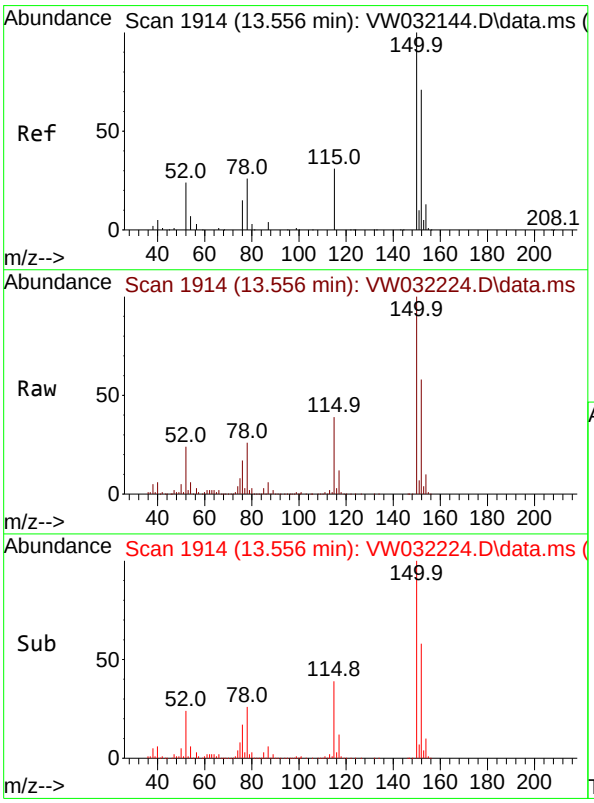
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

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

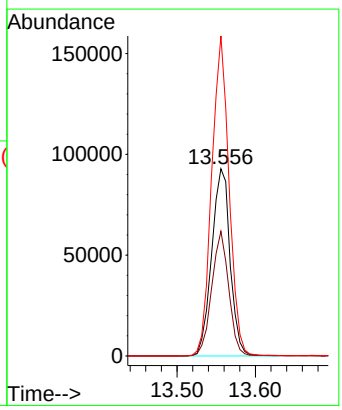




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

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



Sample Results: **VW032224.D**

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

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260

Signal : TIC: VW032224.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.960	495	504	516	rVB2	9738	34195	2.78%	0.522%
2	5.960	662	668	679	rVB4	8654	26463	2.15%	0.404%
3	7.167	858	866	875	rBV3	9177	27547	2.24%	0.420%
4	7.898	974	986	991	rBV	181815	440254	35.82%	6.718%
5	7.959	991	996	1007	rVB2	229698	514776	41.89%	7.855%
6	8.319	1037	1055	1065	rBV	178443	426736	34.72%	6.512%
7	8.849	1132	1142	1156	rBV	395780	801302	65.20%	12.227%
8	10.325	1376	1384	1403	rBV	719296	1228912	100.00%	18.752%
9	10.703	1438	1446	1455	rVB2	58456	115607	9.41%	1.764%
10	11.062	1499	1505	1514	rBV	27361	49848	4.06%	0.761%
11	11.629	1590	1598	1608	rBV	634827	1051720	85.58%	16.049%
12	12.617	1752	1760	1774	rBV2	480992	818013	66.56%	12.482%
13	13.556	1907	1914	1926	rBV	625276	998453	81.25%	15.236%
14	14.062	1992	1997	2005	rVB2	11555	19521	1.59%	0.298%

Sum of corrected areas: 6553347

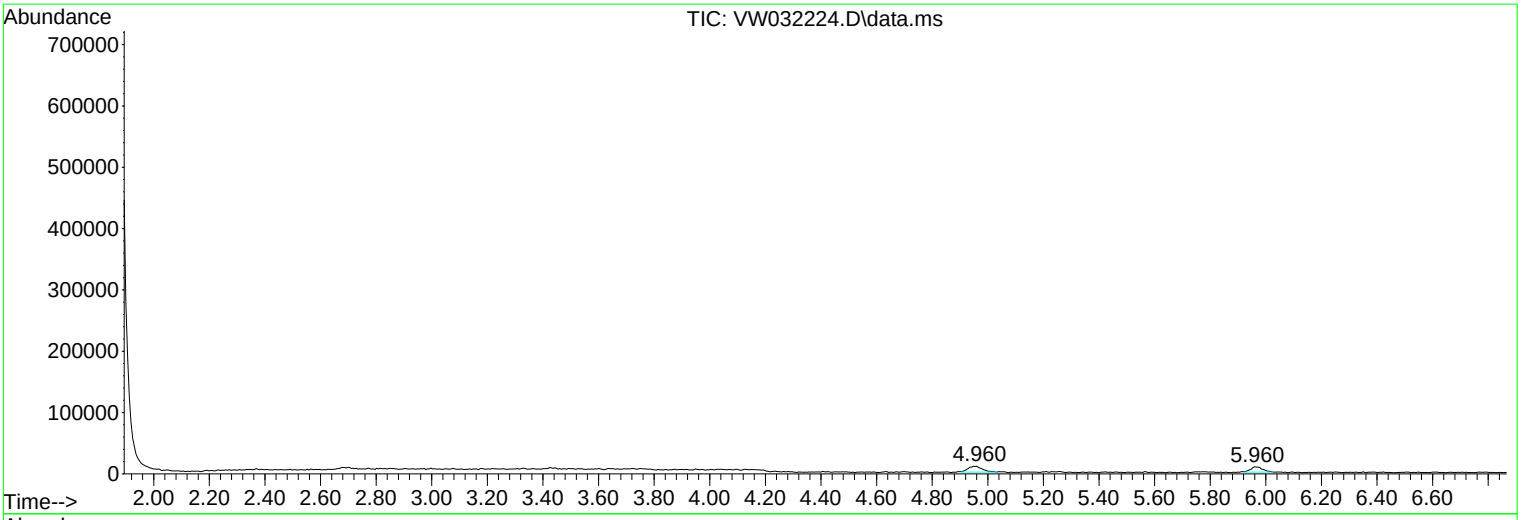
Sample Results: **VW032224.D**

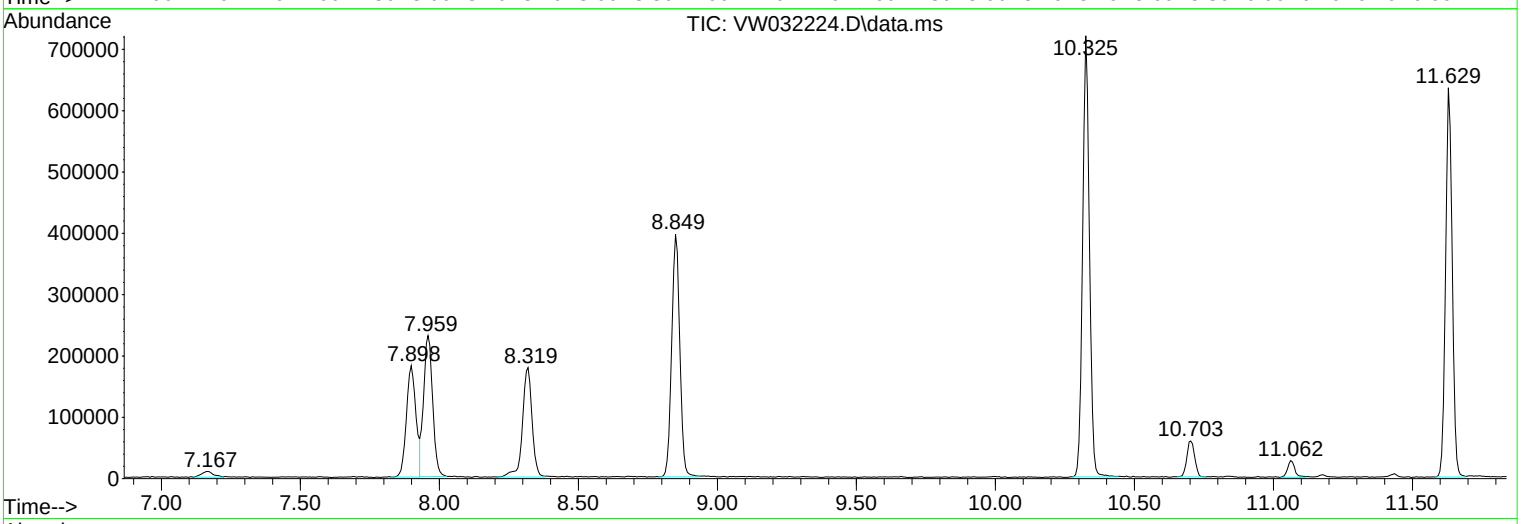
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032224.D
Acq On : 22 Sep 2025 10:27
Operator : SY/MD
Sample : VW0922SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

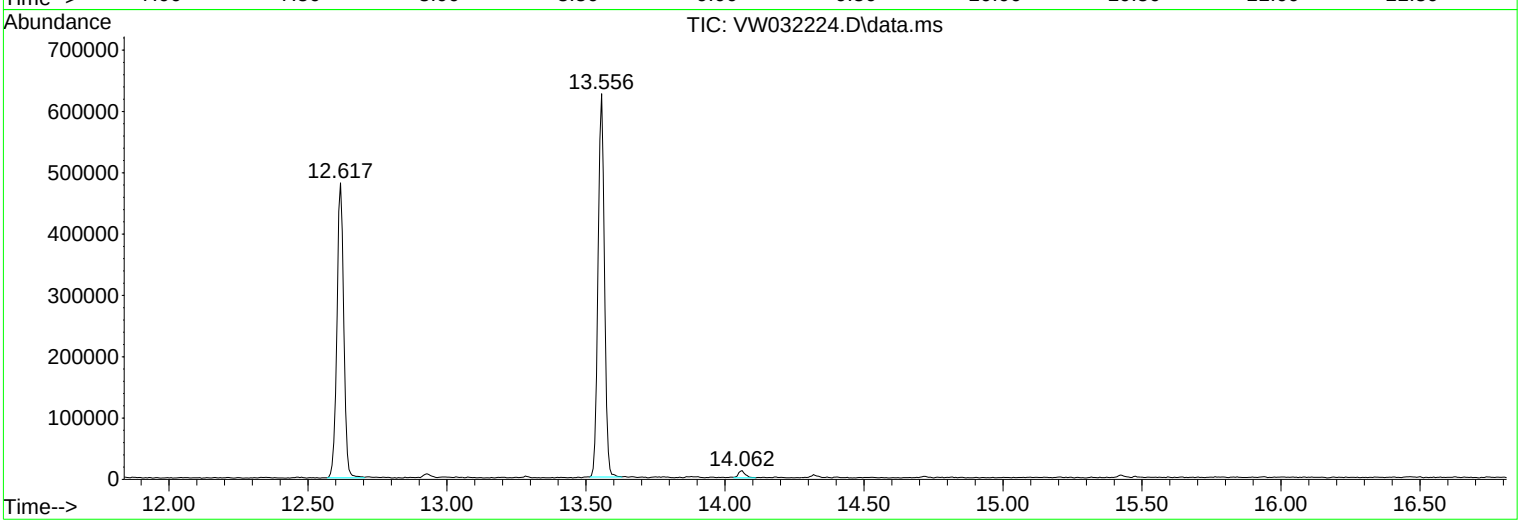
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VW032224.D**

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 Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\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 Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

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

Raw Data: **VN087936.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBS01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		0.22	5.00	ug/L
74-87-3	Chloromethane	19.4		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	19.6		0.26	5.00	ug/L
74-83-9	Bromomethane	20.3		1.40	5.00	ug/L
75-00-3	Chloroethane	20.4		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	19.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	5.00	ug/L
79-20-9	Methyl Acetate	21.6		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.3		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.6		0.23	5.00	ug/L
110-82-7	Cyclohexane	19.8		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	19.0		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.4		0.19	5.00	ug/L
74-97-5	Bromochloromethane	17.9		0.22	5.00	ug/L
67-66-3	Chloroform	20.5		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	18.4		0.16	5.00	ug/L
71-43-2	Benzene	19.8		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.7		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	25.0	ug/L
108-88-3	Toluene	19.7		0.14	5.00	ug/L

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBS01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.7		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	94.6		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.0		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.23	5.00	ug/L
108-90-7	Chlorobenzene	19.6		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	18.8		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	38.4		0.24	10.0	ug/L
95-47-6	o-Xylene	18.7		0.12	5.00	ug/L
100-42-5	Styrene	19.2		0.15	5.00	ug/L
75-25-2	Bromoform	19.2		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	18.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.6		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.2		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.1		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	214000	8.206			
540-36-3	1,4-Difluorobenzene	405000	9.083			
3114-55-4	Chlorobenzene-d5	389000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.771			

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBS01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087936.D
Acq On : 24 Sep 2025 10:08
Operator : JC\MD
Sample : VN0924WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 03:06:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	214330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	404775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	389038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	206895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	193525	53.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.300%			
35) Dibromofluoromethane	8.147	113	146369	49.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.600%			
50) Toluene-d8	10.547	98	507616	49.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.240%			
62) 4-Bromofluorobenzene	12.829	95	184577	49.964	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	51063	20.572	ug/l	92
3) Chloromethane	2.383	50	49242	19.375	ug/l	98
4) Vinyl Chloride	2.542	62	50784	19.586	ug/l	94
5) Bromomethane	2.977	94	32694	20.339	ug/l	93
6) Chloroethane	3.136	64	34330	20.363	ug/l	96
7) Trichlorofluoromethane	3.512	101	81919	19.405	ug/l	97
8) Diethyl Ether	3.965	74	32208	20.195	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	44861	20.106	ug/l	98
10) Methyl Iodide	4.577	142	32885	16.376	ug/l #	87
11) Tert butyl alcohol	5.524	59	56407	108.572	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	45078	20.023	ug/l	99
13) Acrolein	4.177	56	78303	117.463	ug/l	95
14) Allyl chloride	5.018	41	72333	19.735	ug/l	100
15) Acrylonitrile	5.712	53	169773	104.177	ug/l	98
16) Acetone	4.430	43	157260	105.964	ug/l	98
17) Carbon Disulfide	4.701	76	136889	19.461	ug/l #	89
18) Methyl Acetate	5.024	43	80104	21.568	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	174177	19.805	ug/l	97
20) Methylene Chloride	5.259	84	61915	20.611	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	53370	19.337	ug/l	90
22) Diisopropyl ether	6.665	45	175098	20.464	ug/l	92
23) Vinyl Acetate	6.595	43	797170	110.652	ug/l	99
24) 1,1-Dichloroethane	6.559	63	103005	20.606	ug/l	96
25) 2-Butanone	7.471	43	233023	102.728	ug/l	99
26) 2,2-Dichloropropane	7.471	77	92445	20.815	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	67002	20.403	ug/l	98
28) Bromochloromethane	7.794	49	48578	17.886	ug/l	100
29) Tetrahydrofuran	7.824	42	144691	99.618	ug/l	98
30) Chloroform	7.947	83	112100	20.509	ug/l	94
31) Cyclohexane	8.236	56	80221	19.833	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	93396	20.222	ug/l	96
36) 1,1-Dichloropropene	8.347	75	69679	19.718	ug/l	99
37) Ethyl Acetate	7.547	43	89273	19.238	ug/l	100
38) Carbon Tetrachloride	8.341	117	77107	19.015	ug/l	95
39) Methylcyclohexane	9.577	83	71760	18.408	ug/l	94
40) Benzene	8.589	78	231765	19.808	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087936.D
Acq On : 24 Sep 2025 10:08
Operator : JC\MD
Sample : VN0924WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 03:06:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	44963	18.749	ug/l		97
42) 1,2-Dichloroethane	8.653	62	85643	19.614	ug/l		98
43) Isopropyl Acetate	8.677	43	148053	20.269	ug/l		100
44) Trichloroethene	9.336	130	55787	19.960	ug/l		89
45) 1,2-Dichloropropane	9.606	63	57732	19.677	ug/l		99
46) Dibromomethane	9.688	93	45700	19.740	ug/l		98
47) Bromodichloromethane	9.871	83	89216	19.647	ug/l	#	92
48) Methyl methacrylate	9.665	41	64933	19.196	ug/l		95
49) 1,4-Dioxane	9.683	88	20306	406.347	ug/l		96
51) 4-Methyl-2-Pentanone	10.424	43	464634	101.939	ug/l		98
52) Toluene	10.606	92	144931	19.739	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	88425	19.027	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	95205	19.724	ug/l		96
55) 1,1,2-Trichloroethane	10.994	97	60996	20.431	ug/l		89
56) Ethyl methacrylate	10.859	69	79797	18.498	ug/l		98
57) 1,3-Dichloropropane	11.141	76	98877	20.136	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	233843	115.290	ug/l		97
59) 2-Hexanone	11.177	43	285209	94.633	ug/l		97
60) Dibromochloromethane	11.335	129	68408	19.488	ug/l		100
61) 1,2-Dibromoethane	11.447	107	63311	20.031	ug/l		96
64) Tetrachloroethene	11.082	164	42842	18.078	ug/l		91
65) Chlorobenzene	11.871	112	161909	19.557	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.941	131	57835	19.372	ug/l		95
67) Ethyl Benzene	11.941	91	260358	18.847	ug/l		99
68) m/p-Xylenes	12.047	106	202840	38.392	ug/l		99
69) o-Xylene	12.377	106	94788	18.674	ug/l		99
70) Styrene	12.388	104	167376	19.199	ug/l		99
71) Bromoform	12.559	173	46403	19.157	ug/l	#	97
73) Isopropylbenzene	12.677	105	237012	18.484	ug/l		97
74) N-amyl acetate	12.677	43	69584m	16.470	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	90524	19.594	ug/l		98
76) 1,2,3-Trichloropropane	12.971	75	86424m	21.191	ug/l		
77) Bromobenzene	12.959	156	67539	19.796	ug/l		97
78) n-propylbenzene	13.012	91	308254	19.228	ug/l		98
79) 2-Chlorotoluene	13.106	91	185821	19.036	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	212286	19.140	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.724	75	26430	17.995	ug/l		98
82) 4-Chlorotoluene	13.200	91	194470	19.771	ug/l		99
83) tert-Butylbenzene	13.412	119	178246	18.987	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	217940	19.157	ug/l		99
85) sec-Butylbenzene	13.594	105	266788	19.383	ug/l		100
86) p-Isopropyltoluene	13.706	119	219833	18.858	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	130036	19.531	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	132712	19.396	ug/l		98
89) n-Butylbenzene	14.035	91	208113	18.890	ug/l		98
90) Hexachloroethane	14.306	117	45352	18.624	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	124837	19.453	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	20584	19.174	ug/l		97
93) 1,2,4-Trichlorobenzene	15.370	180	73093	19.290	ug/l		95
94) Hexachlorobutadiene	15.470	225	27305	19.579	ug/l		97
95) Naphthalene	15.612	128	222219	18.270	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	70864	19.237	ug/l		94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087936.D
Acq On : 24 Sep 2025 10:08
Operator : JC\MD
Sample : VN0924WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 03:06:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

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

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

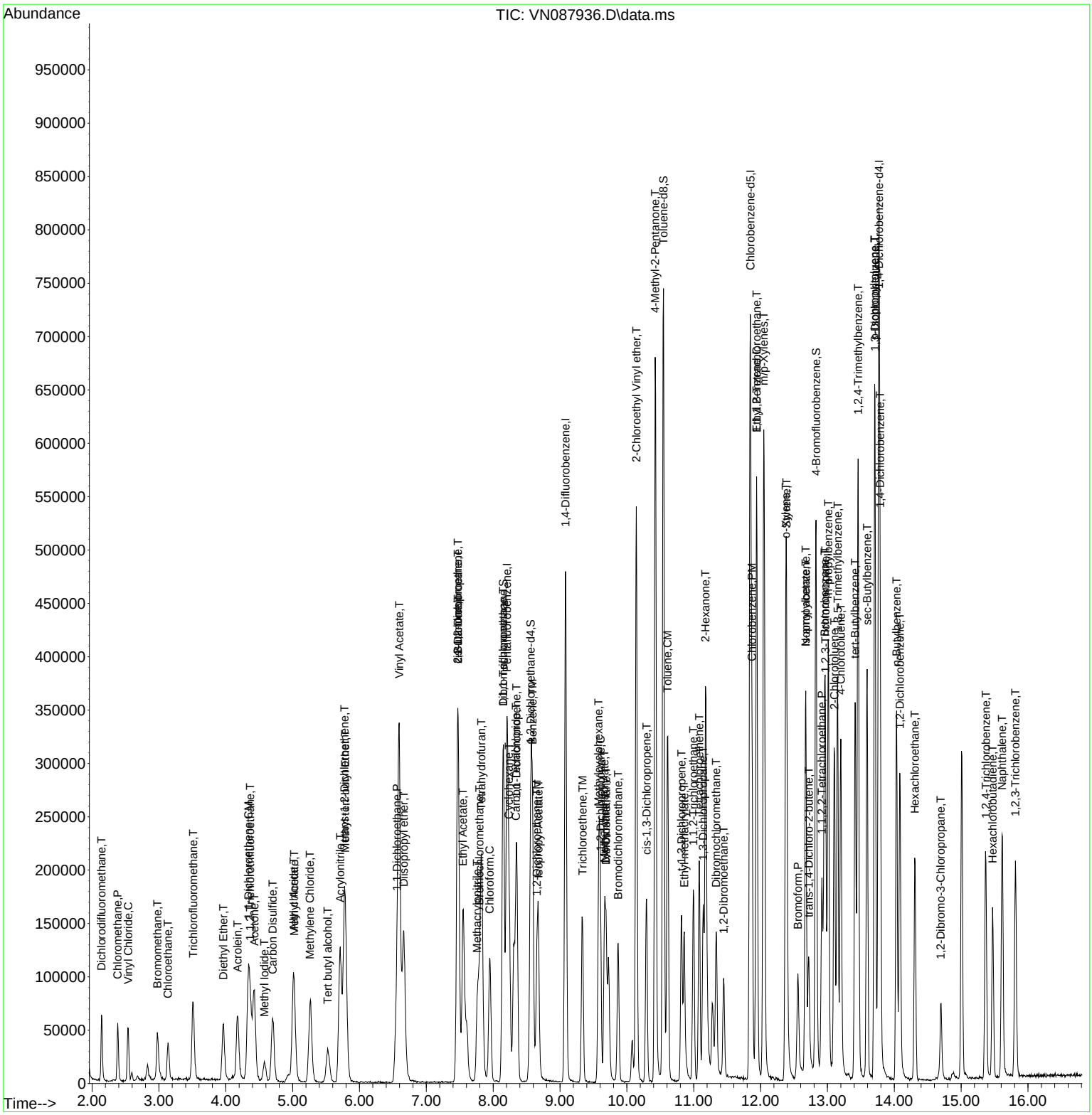
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087936.D
Acq On : 24 Sep 2025 10:08
Operator : JC\MD
Sample : VN0924WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 03:06:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



Raw Data: **VW032225.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBS01	SDG No.:	Q3157
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:	VOC-TCLVOA-10
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

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBS01	SDG No.:	Q3157
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:	VOC-TCLVOA-10
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			

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBS01	SDG No.:	Q3157
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:	VOC-TCLVOA-10
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

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

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

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

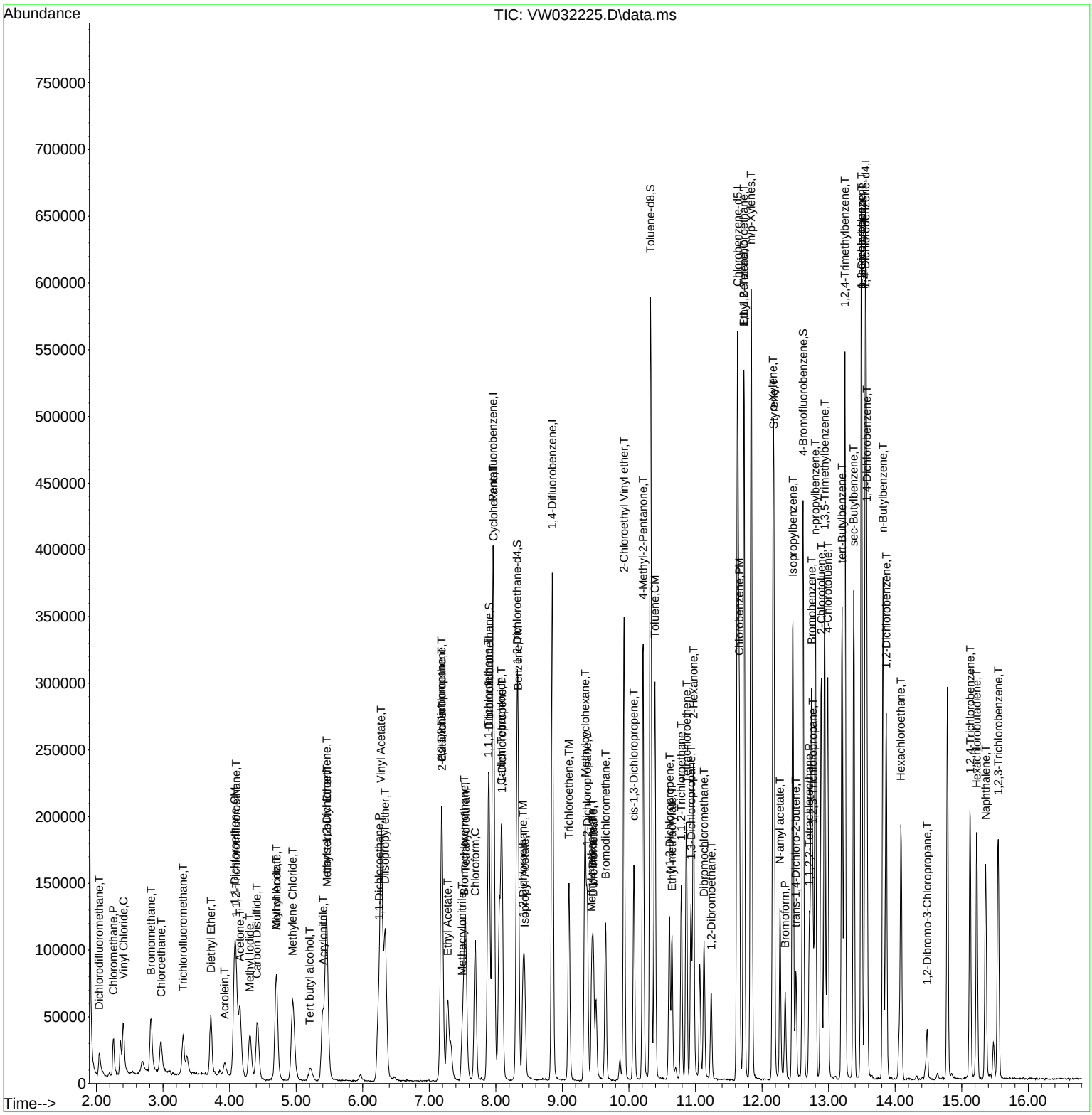
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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



Raw Data: **VN087937.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBSD01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.6		0.22	5.00	ug/L
74-87-3	Chloromethane	19.3		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	20.4		0.26	5.00	ug/L
74-83-9	Bromomethane	20.6		1.40	5.00	ug/L
75-00-3	Chloroethane	21.3		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.9		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	22.3		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	21.4		0.23	5.00	ug/L
67-64-1	Acetone	100		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	20.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	5.00	ug/L
79-20-9	Methyl Acetate	22.2		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.7		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	5.00	ug/L
110-82-7	Cyclohexane	20.3		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	21.5		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	5.00	ug/L
74-97-5	Bromochloromethane	18.3		0.22	5.00	ug/L
67-66-3	Chloroform	20.6		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	22.1		0.16	5.00	ug/L
71-43-2	Benzene	20.7		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	21.1		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.9		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	21.2		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	25.0	ug/L
108-88-3	Toluene	21.1		0.14	5.00	ug/L

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBSD01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.5		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.1		0.21	5.00	ug/L
591-78-6	2-Hexanone	100		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	20.6		0.23	5.00	ug/L
108-90-7	Chlorobenzene	21.0		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	41.8		0.24	10.0	ug/L
95-47-6	o-Xylene	20.1		0.12	5.00	ug/L
100-42-5	Styrene	20.2		0.15	5.00	ug/L
75-25-2	Bromoform	21.0		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	22.2		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	23.2		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.9		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	21.5		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.4		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	23.2		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.7		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.7		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	243000	8.206			
540-36-3	1,4-Difluorobenzene	430000	9.083			
3114-55-4	Chlorobenzene-d5	408000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	206000	13.77			

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VN0924WBSD01	SDG No.:	Q3157
Lab Sample ID:	VN0924WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087937.D
Acq On : 24 Sep 2025 10:42
Operator : JC\MD
Sample : VN0924WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 03:07:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	242602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	429972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	407713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	201139	49.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.520%			
35) Dibromofluoromethane	8.147	113	157172	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	10.547	98	548350	49.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.829	95	194705	49.617	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	60650	21.587	ug/l	95
3) Chloromethane	2.383	50	55514	19.298	ug/l	99
4) Vinyl Chloride	2.536	62	60000	20.444	ug/l	98
5) Bromomethane	2.977	94	37479	20.599	ug/l	97
6) Chloroethane	3.136	64	40678	21.317	ug/l	99
7) Trichlorofluoromethane	3.506	101	99871	20.900	ug/l	97
8) Diethyl Ether	3.953	74	38405	21.274	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	56317	22.299	ug/l	98
10) Methyl Iodide	4.577	142	39909	17.557	ug/l #	92
11) Tert butyl alcohol	5.530	59	65192	110.858	ug/l	97
12) 1,1-Dichloroethene	4.330	96	54643	21.443	ug/l	90
13) Acrolein	4.171	56	73918	97.963	ug/l	99
14) Allyl chloride	5.006	41	81642	19.679	ug/l	95
15) Acrylonitrile	5.706	53	193047	104.654	ug/l	99
16) Acetone	4.424	43	168215	100.137	ug/l	100
17) Carbon Disulfide	4.700	76	162874	20.456	ug/l	100
18) Methyl Acetate	5.018	43	93494	22.239	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	201904	20.282	ug/l	93
20) Methylene Chloride	5.253	84	70175	20.638	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	61692	19.748	ug/l #	77
22) Diisopropyl ether	6.665	45	202118	20.869	ug/l	93
23) Vinyl Acetate	6.589	43	832281	102.062	ug/l	100
24) 1,1-Dichloroethane	6.547	63	113981	20.144	ug/l	99
25) 2-Butanone	7.477	43	270080	105.189	ug/l	99
26) 2,2-Dichloropropane	7.471	77	101160	20.123	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	73453	19.761	ug/l	99
28) Bromochloromethane	7.794	49	56137	18.261	ug/l	96
29) Tetrahydrofuran	7.824	42	175102	106.506	ug/l	99
30) Chloroform	7.947	83	127415	20.595	ug/l	99
31) Cyclohexane	8.236	56	92828	20.276	ug/l #	95
32) 1,1,1-Trichloroethane	8.147	97	105789	20.236	ug/l	94
36) 1,1-Dichloropropene	8.359	75	80421	21.424	ug/l	99
37) Ethyl Acetate	7.547	43	102542	20.802	ug/l	99
38) Carbon Tetrachloride	8.347	117	92409	21.453	ug/l	96
39) Methylcyclohexane	9.583	83	91426	22.078	ug/l	97
40) Benzene	8.588	78	257395	20.709	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087937.D
Acq On : 24 Sep 2025 10:42
Operator : JC\MD
Sample : VN0924WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 03:07:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	55550	21.806	ug/l		98
42) 1,2-Dichloroethane	8.653	62	97760	21.077	ug/l		99
43) Isopropyl Acetate	8.677	43	165674	21.352	ug/l		99
44) Trichloroethene	9.330	130	60312	20.315	ug/l		85
45) 1,2-Dichloropropane	9.606	63	65071	20.879	ug/l		97
46) Dibromomethane	9.688	93	52518	21.355	ug/l		96
47) Bromodichloromethane	9.871	83	102212	21.190	ug/l	#	96
48) Methyl methacrylate	9.665	41	75440	20.995	ug/l		96
49) 1,4-Dioxane	9.677	88	23155	436.205	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.424	43	531034	109.679	ug/l		99
52) Toluene	10.612	92	164722	21.119	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	101025	20.464	ug/l		94
54) cis-1,3-Dichloropropene	10.294	75	105969	20.668	ug/l		96
55) 1,1,2-Trichloroethane	10.994	97	66763	21.052	ug/l		96
56) Ethyl methacrylate	10.859	69	95065	20.746	ug/l		94
57) 1,3-Dichloropropane	11.141	76	112773	21.620	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	254732	118.229	ug/l		100
59) 2-Hexanone	11.182	43	328401	102.579	ug/l		97
60) Dibromochloromethane	11.335	129	79328	21.275	ug/l		98
61) 1,2-Dibromoethane	11.447	107	70149	20.894	ug/l		99
64) Tetrachloroethene	11.082	164	51188	20.611	ug/l		89
65) Chlorobenzene	11.871	112	182308	21.012	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	66500	21.254	ug/l		99
67) Ethyl Benzene	11.941	91	297658	20.560	ug/l		98
68) m/p-Xylenes	12.053	106	231489	41.808	ug/l		99
69) o-Xylene	12.376	106	106989	20.112	ug/l		99
70) Styrene	12.388	104	184624	20.208	ug/l		99
71) Bromoform	12.559	173	53373	21.026	ug/l	#	98
73) Isopropylbenzene	12.676	105	284074	22.203	ug/l		100
74) N-amyl acetate	12.618	43	77788m	18.452	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	107070	23.226	ug/l		99
76) 1,2,3-Trichloropropane	12.971	75	87526m	21.509	ug/l		
77) Bromobenzene	12.959	156	72420	21.274	ug/l		98
78) n-propylbenzene	13.012	91	354084	22.135	ug/l		98
79) 2-Chlorotoluene	13.106	91	213097	21.879	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	240559	21.737	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.724	75	35878	24.483	ug/l		92
82) 4-Chlorotoluene	13.200	91	217905	22.203	ug/l		97
83) tert-Butylbenzene	13.418	119	203733	21.750	ug/l		95
84) 1,2,4-Trimethylbenzene	13.459	105	248121	21.859	ug/l		99
85) sec-Butylbenzene	13.594	105	314092	22.871	ug/l		99
86) p-Isopropyltoluene	13.706	119	260904	22.431	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	145692	21.932	ug/l		100
88) 1,4-Dichlorobenzene	13.794	146	146978	21.529	ug/l		98
89) n-Butylbenzene	14.035	91	247364	22.503	ug/l		98
90) Hexachloroethane	14.312	117	54134	22.280	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	137052	21.404	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	24801	23.154	ug/l		93
93) 1,2,4-Trichlorobenzene	15.370	180	81962	21.679	ug/l		96
94) Hexachlorobutadiene	15.476	225	32913	23.652	ug/l		99
95) Naphthalene	15.617	128	261901	21.581	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	76222	20.738	ug/l		94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087937.D
Acq On : 24 Sep 2025 10:42
Operator : JC\MD
Sample : VN0924WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 03:07:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

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

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

Sample Results: **VN087937.D**

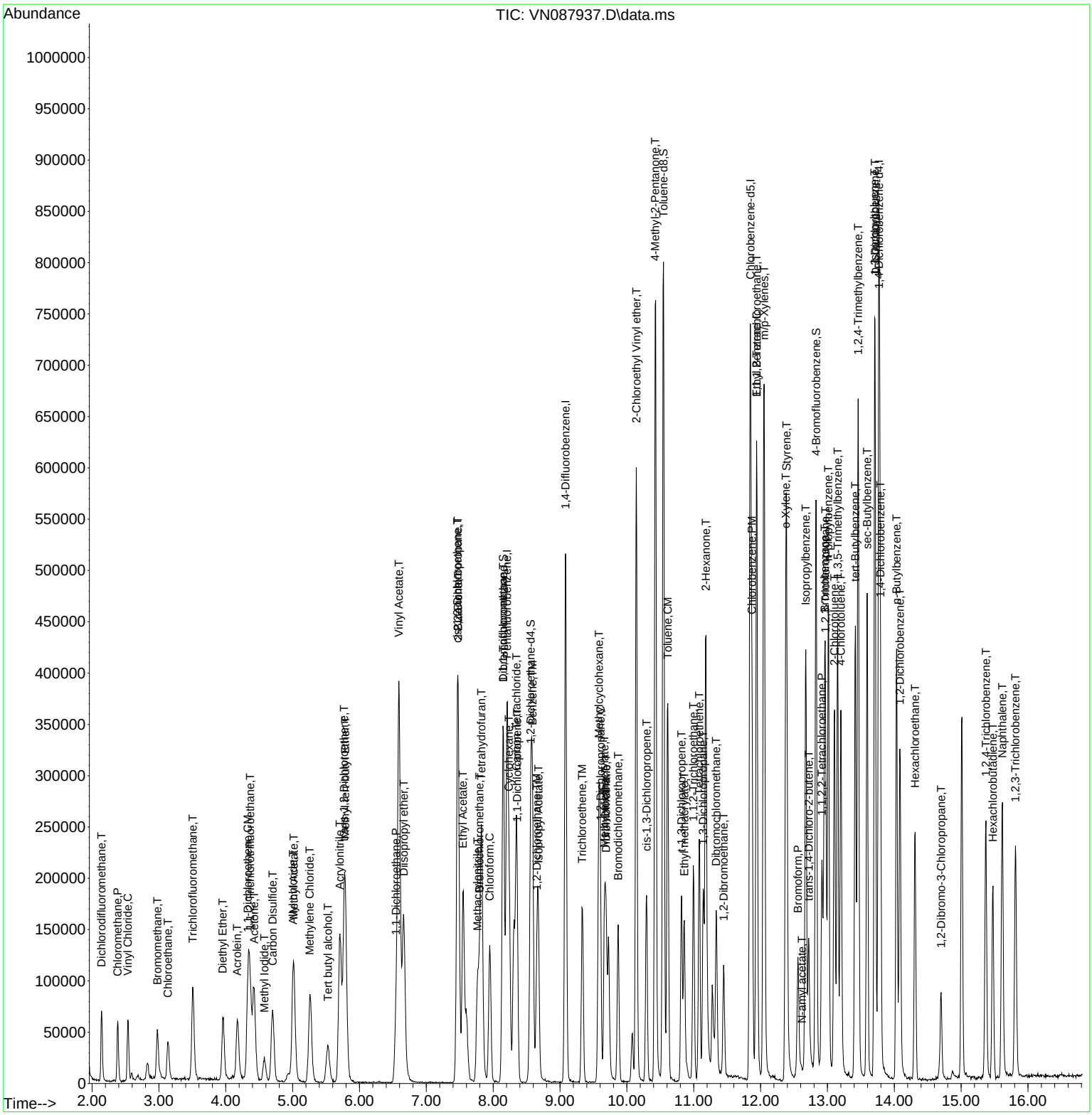
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087937.D
Acq On : 24 Sep 2025 10:42
Operator : JC\MD
Sample : VN0924WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 03:07:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBSD01	SDG No.:	Q3157
Lab Sample ID:	VW0922SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032226.D	1	09/22/25 11:35	VW092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	23.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	25.9		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	28.3		0.79	5.00	ug/Kg
74-83-9	Bromomethane	26.7		1.10	5.00	ug/Kg
75-00-3	Chloroethane	27.6		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	27.5		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	27.1		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	26.5		1.00	5.00	ug/Kg
67-64-1	Acetone	150		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	23.3		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.7		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	23.3		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	23.5		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	22.6		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	22.1		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.7		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	23.0		1.20	5.00	ug/Kg
67-66-3	Chloroform	24.1		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	24.1		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	22.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.6		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.1		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	21.7		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBSD01	SDG No.:	Q3157
Lab Sample ID:	VW0922SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032226.D	1	09/22/25 11:35	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	21.2		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	22.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.3		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.9		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.9		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.9		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.8		0.82	5.00	ug/Kg
100-42-5	Styrene	20.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.8		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	22.1		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.0		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.1		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.1		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	23.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	50.6		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.965			
540-36-3	1,4-Difluorobenzene	322000	8.855			
3114-55-4	Chlorobenzene-d5	306000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	155000	13.556			

Raw Data: **VW032226.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	VW0922SBSD01	SDG No.:	Q3157
Lab Sample ID:	VW0922SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032226.D	1	09/22/25 11:35	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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032226.D
Acq On : 22 Sep 2025 11:35
Operator : SY/MD
Sample : VW0922SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Quant Time: Sep 23 06:04:49 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	177120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	322196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	306484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	139607	55.114	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 110.220%			
35) Dibromofluoromethane	7.898	113	115821	51.237	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.480%			
50) Toluene-d8	10.325	98	401258	50.565	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.617	95	146944	50.076	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	27907	23.865	ug/l	93
3) Chloromethane	2.259	50	31815	25.949	ug/l	98
4) Vinyl Chloride	2.405	62	45061	28.296	ug/l	95
5) Bromomethane	2.820	94	38040	26.749	ug/l	89
6) Chloroethane	2.972	64	30933	27.582	ug/l	93
7) Trichlorofluoromethane	3.308	101	43370	27.486	ug/l	99
8) Diethyl Ether	3.722	74	32275	27.410	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	48104	27.063	ug/l	94
10) Methyl Iodide	4.307	142	62344	23.035	ug/l	99
11) Tert butyl alcohol	5.222	59	17570	113.399	ug/l	98
12) 1,1-Dichloroethene	4.076	96	49696	26.548	ug/l	96
13) Acrolein	3.935	56	15144	63.585	ug/l	99
14) Allyl chloride	4.704	41	63722	23.965	ug/l	99
15) Acrylonitrile	5.405	53	69200	120.876	ug/l	99
16) Acetone	4.155	43	81608	148.761	ug/l	97
17) Carbon Disulfide	4.417	76	106257	22.695	ug/l	100
18) Methyl Acetate	4.710	43	40780	23.331	ug/l	99
19) Methyl tert-butyl Ether	5.472	73	83068	23.499	ug/l	93
20) Methylene Chloride	4.960	84	54458	21.704	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	48734	23.305	ug/l	91
22) Diisopropyl ether	6.344	45	141753	24.494	ug/l	96
23) Vinyl Acetate	6.283	43	469030	119.206	ug/l	100
24) 1,1-Dichloroethane	6.246	63	88943	23.476	ug/l	98
25) 2-Butanone	7.197	43	93946	120.852	ug/l	99
26) 2,2-Dichloropropane	7.185	77	50125	24.983	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	57797	22.713	ug/l	99
28) Bromochloromethane	7.526	49	39888	22.999	ug/l #	9
29) Tetrahydrofuran	7.557	42	60230	121.927	ug/l	97
30) Chloroform	7.697	83	104289	24.110	ug/l	93
31) Cyclohexane	7.971	56	70330	22.617	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	76005	24.070	ug/l	99
36) 1,1-Dichloropropene	8.099	75	64409	21.976	ug/l	98
37) Ethyl Acetate	7.276	43	41137	23.397	ug/l	99
38) Carbon Tetrachloride	8.081	117	69507	22.122	ug/l	96
39) Methylcyclohexane	9.343	83	71999	20.740	ug/l	97
40) Benzene	8.337	78	202023	22.299	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032226.D
Acq On : 22 Sep 2025 11:35
Operator : SY/MD
Sample : VW0922SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Quant Time: Sep 23 06:04:49 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	23246	23.797	ug/l		88
42) 1,2-Dichloroethane	8.410	62	69921	22.263	ug/l		99
43) Isopropyl Acetate	8.435	43	71546	21.691	ug/l		97
44) Trichloroethene	9.105	130	49110	21.555	ug/l		92
45) 1,2-Dichloropropane	9.380	63	48815	22.351	ug/l		99
46) Dibromomethane	9.465	93	33827	22.083	ug/l		97
47) Bromodichloromethane	9.648	83	76978	22.113	ug/l		100
48) Methyl methacrylate	9.441	41	33753	22.205	ug/l		99
49) 1,4-Dioxane	9.465	88	8218	444.021	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.215	43	216926	116.471	ug/l		97
52) Toluene	10.392	92	128377	21.684	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	66154	21.542	ug/l		95
54) cis-1,3-Dichloropropene	10.075	75	74425	21.240	ug/l		92
55) 1,1,2-Trichloroethane	10.788	97	45123	22.653	ug/l		92
56) Ethyl methacrylate	10.648	69	53338	20.945	ug/l		97
57) 1,3-Dichloropropane	10.934	76	72368	21.697	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	138292	101.739	ug/l		99
59) 2-Hexanone	10.971	43	151466	116.934	ug/l		96
60) Dibromochloromethane	11.129	129	53060	22.013	ug/l		97
61) 1,2-Dibromoethane	11.239	107	43667	22.292	ug/l		100
64) Tetrachloroethene	10.867	164	42251	20.946	ug/l		96
65) Chlorobenzene	11.660	112	145691	20.885	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.727	131	48651	21.183	ug/l		99
67) Ethyl Benzene	11.733	91	239230	20.930	ug/l		99
68) m/p-Xylenes	11.836	106	184338	41.906	ug/l		98
69) o-Xylene	12.166	106	86485	20.785	ug/l		99
70) Styrene	12.178	104	152860	20.840	ug/l		99
71) Bromoform	12.349	173	28312	20.755	ug/l	#	99
73) Isopropylbenzene	12.464	105	221051	21.026	ug/l		99
74) N-amyl acetate	12.269	43	65832	21.568	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	55214	22.100	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	43374m	22.373	ug/l		
77) Bromobenzene	12.745	156	56367	21.025	ug/l		96
78) n-propylbenzene	12.800	91	276019	21.626	ug/l		98
79) 2-Chlorotoluene	12.891	91	165489	21.203	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	192350	21.610	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	14905	20.700	ug/l		97
82) 4-Chlorotoluene	12.989	91	175283	20.981	ug/l		99
83) tert-Butylbenzene	13.202	119	154463	20.467	ug/l		93
84) 1,2,4-Trimethylbenzene	13.245	105	200407	21.763	ug/l		99
85) sec-Butylbenzene	13.379	105	242262	21.500	ug/l		97
86) p-Isopropyltoluene	13.495	119	209040	21.815	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	113161	20.964	ug/l		97
88) 1,4-Dichlorobenzene	13.580	146	114260	21.118	ug/l		99
89) n-Butylbenzene	13.818	91	192055	21.022	ug/l		98
90) Hexachloroethane	14.092	117	38124	21.751	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	105637	22.104	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10358	23.467	ug/l		82
93) 1,2,4-Trichlorobenzene	15.129	180	60528	19.823	ug/l		98
94) Hexachlorobutadiene	15.226	225	27510	18.166	ug/l		87
95) Naphthalene	15.360	128	141058	20.412	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	58023	20.433	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032226.D
Acq On : 22 Sep 2025 11:35
Operator : SY/MD
Sample : VW0922SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Quant Time: Sep 23 06:04:49 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

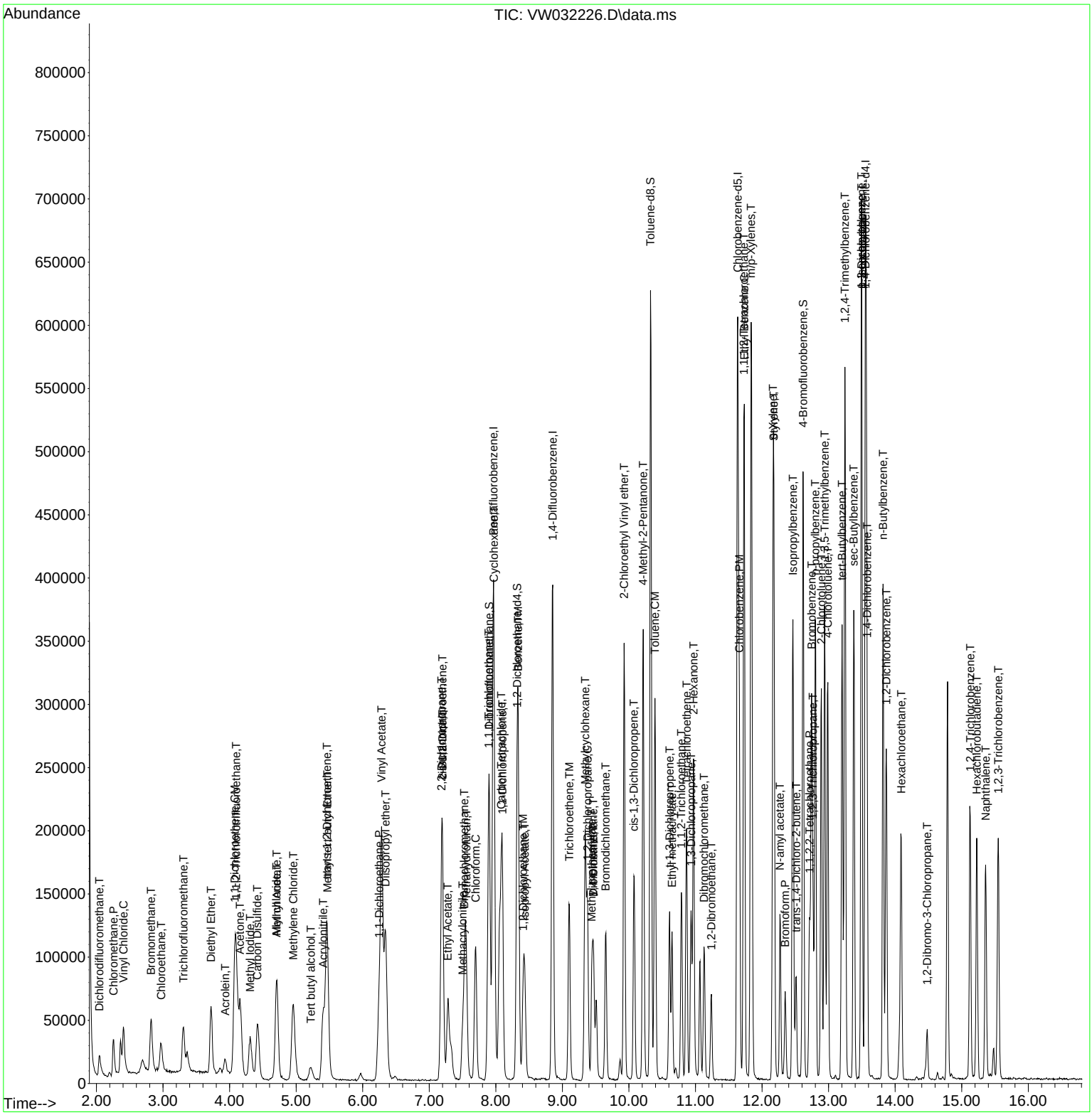
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032226.D
Acq On : 22 Sep 2025 11:35
Operator : SY/MD
Sample : VW0922SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Quant Time: Sep 23 06:04:49 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

Manual Integration Report

Sequence:	VN092325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN087924.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:09:59 AM	MMDadoda	9/26/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC005	VN087924.D	Acetone	JOHN	9/24/2025 8:09:59 AM	MMDadoda	9/26/2025 1:41:24 AM	Peak Integrated by Software
VSTDICCC050	VN087926.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:07 AM	MMDadoda	9/26/2025 1:41:26 AM	Peak Integrated by Software
VSTDICCC050	VN087926.D	N-amyl acetate	JOHN	9/24/2025 8:10:07 AM	MMDadoda	9/26/2025 1:41:26 AM	Peak Integrated by Software
VSTDICCC050	VN087926.D	Vinyl Acetate	JOHN	9/24/2025 8:10:07 AM	MMDadoda	9/26/2025 1:41:26 AM	Peak Integrated by Software
VSTDICC100	VN087927.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:11 AM	MMDadoda	9/26/2025 1:41:28 AM	Peak Integrated by Software
VSTDICC100	VN087927.D	N-amyl acetate	JOHN	9/24/2025 8:10:11 AM	MMDadoda	9/26/2025 1:41:28 AM	Peak Integrated by Software
VSTDICC100	VN087927.D	Vinyl Acetate	JOHN	9/24/2025 8:10:11 AM	MMDadoda	9/26/2025 1:41:28 AM	Peak Integrated by Software
VSTDICC150	VN087928.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:15 AM	MMDadoda	9/26/2025 1:41:29 AM	Peak Integrated by Software
VSTDICC150	VN087928.D	Vinyl Acetate	JOHN	9/24/2025 8:10:15 AM	MMDadoda	9/26/2025 1:41:29 AM	Peak Integrated by Software
VSTDICC020	VN087930.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:20 AM	MMDadoda	9/26/2025 1:41:30 AM	Peak Integrated by Software
VSTDICC020	VN087930.D	N-amyl acetate	JOHN	9/24/2025 8:10:20 AM	MMDadoda	9/26/2025 1:41:30 AM	Peak Integrated by Software
VSTDICC020	VN087930.D	Vinyl Acetate	JOHN	9/24/2025 8:10:20 AM	MMDadoda	9/26/2025 1:41:30 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN092325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VN087931.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:24 AM	MMDadoda	9/26/2025 1:41:32 AM	Peak Integrated by Software
VSTDICV050	VN087931.D	N-amyl acetate	JOHN	9/24/2025 8:10:24 AM	MMDadoda	9/26/2025 1:41:32 AM	Peak Integrated by Software
VSTDICV050	VN087931.D	Vinyl Acetate	JOHN	9/24/2025 8:10:24 AM	MMDadoda	9/26/2025 1:41:32 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN092425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087933.D	1,2,3-Trichloropropane	JOHN	9/25/2025 10:12:11 AM	MMDadoda	9/26/2025 1:45:51 AM	Peak Integrated by Software
VSTDCCC050	VN087933.D	N-amyl acetate	JOHN	9/25/2025 10:12:11 AM	MMDadoda	9/26/2025 1:45:51 AM	Peak Integrated by Software
VN0924WBS01	VN087936.D	1,2,3-Trichloropropane	JOHN	9/25/2025 10:12:15 AM	MMDadoda	9/26/2025 1:45:53 AM	Peak Integrated by Software
VN0924WBS01	VN087936.D	N-amyl acetate	JOHN	9/25/2025 10:12:15 AM	MMDadoda	9/26/2025 1:45:53 AM	Peak Integrated by Software
VN0924WBSD01	VN087937.D	1,2,3-Trichloropropane	JOHN	9/25/2025 10:12:19 AM	MMDadoda	9/26/2025 1:45:54 AM	Peak Integrated by Software
VN0924WBSD01	VN087937.D	N-amyl acetate	JOHN	9/25/2025 10:12:19 AM	MMDadoda	9/26/2025 1:45:54 AM	Peak Integrated by Software
VSTDCCC050	VN087946.D	1,2,3-Trichloropropane	JOHN	9/25/2025 10:12:37 AM	MMDadoda	9/26/2025 1:46:00 AM	Peak Integrated by Software
VSTDCCC050	VN087946.D	N-amyl acetate	JOHN	9/25/2025 10:12:37 AM	MMDadoda	9/26/2025 1:46:00 AM	Peak Integrated by Software

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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

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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
VW0922SBSD01	VW032226.D	1,2,3-Trichloropropane	MMDadoda	9/24/2025 2:18:34 AM	sam	9/25/2025 2:10:33 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

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN092325

Review By	John Carlone	Review On	9/24/2025 8:10:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/26/2025 1:41:42 AM		
SubDirectory	VN092325	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135592
Initial Calibration Stds	VP135674,VP135675,VP135676,VP135677,VP135678
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135679
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087922.D	23 Sep 2025 08:31	JC\MD	Ok
2	VSTDICC001	VN087923.D	23 Sep 2025 08:51	JC\MD	Not Ok
3	VSTDICC005	VN087924.D	23 Sep 2025 09:33	JC\MD	Ok,M
4	VSTDICC020	VN087925.D	23 Sep 2025 09:54	JC\MD	Not Ok
5	VSTDICCC050	VN087926.D	23 Sep 2025 10:15	JC\MD	Ok,M
6	VSTDICC100	VN087927.D	23 Sep 2025 10:36	JC\MD	Ok,M
7	VSTDICC150	VN087928.D	23 Sep 2025 10:56	JC\MD	Ok,M
8	IBLK	VN087929.D	23 Sep 2025 11:17	JC\MD	Ok
9	VSTDICC020	VN087930.D	23 Sep 2025 11:47	JC\MD	Ok,M
10	VSTDICV050	VN087931.D	23 Sep 2025 15:08	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN092425

Review By	John Carlone	Review On	9/25/2025 10:14:21 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/26/2025 1:46:09 AM		
SubDirectory	VN092425	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135601
Initial Calibration Stds	
CCC	VP135602,VP135603
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087932.D	24 Sep 2025 07:41	JC\MD	Ok
2	VSTDCCC050	VN087933.D	24 Sep 2025 08:27	JC\MD	Ok,M
3	VN0924MBL01	VN087934.D	24 Sep 2025 09:26	JC\MD	Ok
4	VN0924WBL01	VN087935.D	24 Sep 2025 09:47	JC\MD	Ok
5	VN0924WBS01	VN087936.D	24 Sep 2025 10:08	JC\MD	Ok,M
6	VN0924WBSD01	VN087937.D	24 Sep 2025 10:42	JC\MD	Ok,M
7	IBLK	VN087938.D	24 Sep 2025 11:04	JC\MD	Ok
8	Q3155-04	VN087939.D	24 Sep 2025 11:25	JC\MD	Ok
9	Q3157-03	VN087940.D	24 Sep 2025 11:46	JC\MD	Ok
10	PB169792TB	VN087941.D	24 Sep 2025 12:07	JC\MD	Ok,M
11	Q3159-02	VN087942.D	24 Sep 2025 12:28	JC\MD	Ok
12	Q3159-04	VN087943.D	24 Sep 2025 12:50	JC\MD	Ok
13	Q3167-02	VN087944.D	24 Sep 2025 13:11	JC\MD	ReRun
14	Q3167-02	VN087945.D	24 Sep 2025 13:47	JC\MD	Ok
15	VSTDCCC050	VN087946.D	24 Sep 2025 15:37	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW082625

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

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

Sr#	SampleId	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 # 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_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN092325

Review By	John Carlone	Review On	9/24/2025 8:10:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/26/2025 1:41:42 AM		
SubDirectory	VN092325	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135592
Initial Calibration Stds	VP135674,VP135675,VP135676,VP135677,VP135678
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135679
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087922.D	23 Sep 2025 08:31		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN087923.D	23 Sep 2025 08:51	Not used	JC\MD	Not Ok
3	VSTDICC005	VSTDICC005	VN087924.D	23 Sep 2025 09:33		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN087925.D	23 Sep 2025 09:54	Spiked Low	JC\MD	Not Ok
5	VSTDICCC050	VSTDICCC050	VN087926.D	23 Sep 2025 10:15		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN087927.D	23 Sep 2025 10:36		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN087928.D	23 Sep 2025 10:56		JC\MD	Ok,M
8	IBLK	IBLK	VN087929.D	23 Sep 2025 11:17		JC\MD	Ok
9	VSTDICC020	VSTDICC020	VN087930.D	23 Sep 2025 11:47		JC\MD	Ok,M
10	VSTDICV050	ICVVN092325	VN087931.D	23 Sep 2025 15:08		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN092425

Review By	John Carlone	Review On	9/25/2025 10:14:21 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/26/2025 1:46:09 AM		
SubDirectory	VN092425	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135601
Initial Calibration Stds	
CCC	VP135602,VP135603
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087932.D	24 Sep 2025 07:41		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087933.D	24 Sep 2025 08:27	pH#Lot#V12668	JC\MD	Ok,M
3	VN0924MBL01	VN0924MBL01	VN087934.D	24 Sep 2025 09:26		JC\MD	Ok
4	VN0924WBL01	VN0924WBL01	VN087935.D	24 Sep 2025 09:47		JC\MD	Ok
5	VN0924WBS01	VN0924WBS01	VN087936.D	24 Sep 2025 10:08		JC\MD	Ok,M
6	VN0924WBSD01	VN0924WBSD01	VN087937.D	24 Sep 2025 10:42		JC\MD	Ok,M
7	IBLK	IBLK	VN087938.D	24 Sep 2025 11:04		JC\MD	Ok
8	Q3155-04	TB	VN087939.D	24 Sep 2025 11:25	vial A pH<2 TB	JC\MD	Ok
9	Q3157-03	TB	VN087940.D	24 Sep 2025 11:46	vial A pH<2 TB	JC\MD	Ok
10	PB169792TB	PB169792TB	VN087941.D	24 Sep 2025 12:07		JC\MD	Ok,M
11	Q3159-02	VNJ-245	VN087942.D	24 Sep 2025 12:28	vial A pH#5.0	JC\MD	Ok
12	Q3159-04	VNJ-255	VN087943.D	24 Sep 2025 12:50	vial A pH#5.0	JC\MD	Ok
13	Q3167-02	RT4784	VN087944.D	24 Sep 2025 13:11	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
14	Q3167-02	RT4784	VN087945.D	24 Sep 2025 13:47	vial B pH#5.0	JC\MD	Ok
15	VSTDCCC050	VSTDCCC050EC	VN087946.D	24 Sep 2025 15:37		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW082625

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

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

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

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # 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

PERCENT SOLID

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

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

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

QC: LB137247

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

PERCENT SOLID

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

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

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

QC: LB137247

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

PERCENT SOLID

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

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

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

QC: LB137247

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3155-01	COMP-1	57	1.11	10.26	11.37	10.12	87.8	
Q3155-02	COMP-2	58	1.14	10.30	11.44	10.52	91.1	
Q3155-03	COMP-3	59	1.18	10.23	11.41	10.57	91.8	
Q3157-01	20-DEAD-1	60	1.19	10.91	12.1	11.11	90.9	

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

WORKLIST(Hardcopy Internal Chain)

ID 137247

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

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

Date/Time 09-19-25 15:00

Raw Sample Received by: JD WC

Raw Sample Relinquished by: [signature]

Date/Time 09-19-25 17:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 137247

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

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

Date/Time 09.19.25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature] SM

Date/Time 09.19.25 17:20

Raw Sample Received by: [signature] SM

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

JB 137247

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

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

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

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

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3157
COC Number 2045138

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Always Available Construction
ADDRESS: 20 Dead River Rd-
CITY Warren STATE: NJ ZIP: 07059
ATTENTION: Michael Roth
PHONE: (973) 699-4453 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Yard Soil Cleanup
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: VOCs
2: TCLP VOA
3: GHG + DEG
4: SVOC, Best. PCBs
5: Met. TOP-TAL
6: Mercury + Cyn.
7: Full TCLP
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES E/F 1	E 2	E 3	E 4	E 5	E 6	E 7	8	9	COMMENTS
1.	20 Dead-1	S.	X		9/19/25	1:45pm	11	X	X	X	X	X	X	X			
2.	20 Dead-1	W		X	9/19/25	1:45pm	4	X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/19/25 1423	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 26.1 °C
Comments: JRB #1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3157 ALWA01
Client Name : Always Available Construct
Client Contact : MIchael Roth
Invoice Name : Always Available Construct
Invoice Contact : MIchael Roth

Order Date : 9/19/2025 2:22:59 PM
Project Name : Yard Soil Cleanup
Receive DateTime : 9/19/2025 2:23:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3157-01	20-DEAD-1	Solid	09/19/2025	13:45					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3157-03	TB	Water	09/19/2025	13:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3157-04	~~TB~~	Water	09/19/2025	13:45					
					~~TCLP VOA~~		8260D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 9/19/25 1446

Received By : Sam
Date / Time : 09/19/25 14:46
Storage Area : VOA Refridgerator Room

Rg H 6
FZ 2
Rg 4