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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3276	**OrderDate:**	10/2/2025 3:49:00 PM
Client:	G Environmental	**Project:**	Lexington
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3276-01	**SB2**	**SOIL**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/14/25	
Q3276-02	**SB2A**	**SOIL**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/14/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3276

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SB2A**							
Q3276-02	SB2A	SOIL	Cyclohexane	45000		2900	18400	ug/Kg
Q3276-02	SB2A	SOIL	Methylcyclohexane	123000		3400	18400	ug/Kg
Q3276-02	SB2A	SOIL	Ethyl Benzene	38900		2500	18400	ug/Kg
Q3276-02	SB2A	SOIL	m/p-Xylenes	9700	J	4600	36800	ug/Kg
Q3276-02	SB2A	SOIL	Isopropylbenzene	10800	J	2900	18400	ug/Kg
			Total Voc :	227000				
			Total Concentration:	227000				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3276

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3276-01	SB2	1,2-Dichloroethane-d4	50	52.1	104		63	155
		Dibromofluoromethane	50	51.1	102		70	134
		Toluene-d8	50	53.9	108		74	123
		4-Bromofluorobenzene	50	57.8	116		17	146
Q3276-02	SB2A	1,2-Dichloroethane-d4	50	57.5	115		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	61.6	123		17	146
VX1014MBL01	VX1014MBL01	1,2-Dichloroethane-d4	50	56.7	113		63	155
		Dibromofluoromethane	50	55.6	111		70	134
		Toluene-d8	50	53.8	108		74	123
		4-Bromofluorobenzene	50	59.0	118		17	146
VX1014MBS02	VX1014MBS02	1,2-Dichloroethane-d4	50	45.8	92		63	155
		Dibromofluoromethane	50	49.6	99		70	134
		Toluene-d8	50	48.0	96		74	123
		4-Bromofluorobenzene	50	49.6	99		17	146
VY1014SBL01	VY1014SBL01	1,2-Dichloroethane-d4	50	59.3	119		63	155
		Dibromofluoromethane	50	54.2	108		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	52.1	104		17	146
VY1014SBS01	VY1014SBS01	1,2-Dichloroethane-d4	50	46.2	92		63	155
		Dibromofluoromethane	50	48.9	98		70	134
		Toluene-d8	50	49.3	99		74	123
		4-Bromofluorobenzene	50	46.5	93		17	146
VY1014SBSD01	VY1014SBSD01	1,2-Dichloroethane-d4	50	46.2	92		63	155
		Dibromofluoromethane	50	49.1	98		70	134
		Toluene-d8	50	49.3	99		74	123
		4-Bromofluorobenzene	50	46.7	93		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX048164.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1014MBS02	Dichlorodifluoromethane	2000	2100	ug/Kg	105			64	136	
	Chloromethane	2000	1900	ug/Kg	95			52	151	
	Vinyl chloride	2000	2100	ug/Kg	105			56	148	
	Bromomethane	2000	2300	ug/Kg	115			58	141	
	Chloroethane	2000	1900	ug/Kg	95			69	130	
	Trichlorofluoromethane	2000	2200	ug/Kg	110			69	134	
	1,1,2-Trichlorotrifluoroethane	2000	2100	ug/Kg	105			81	123	
	1,1-Dichloroethene	2000	2000	ug/Kg	100			79	121	
	Acetone	10000	7400	ug/Kg	74			40	171	
	Carbon disulfide	2000	2200	ug/Kg	110			59	130	
	Methyl tert-butyl Ether	2000	1800	ug/Kg	90			77	129	
	Methyl Acetate	2000	1700	ug/Kg	85			69	149	
	Methylene Chloride	2000	1900	ug/Kg	95			72	131	
	trans-1,2-Dichloroethene	2000	2000	ug/Kg	100			80	123	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			82	123	
	Cyclohexane	2000	2000	ug/Kg	100			76	122	
	2-Butanone	10000	8500	ug/Kg	85			69	131	
	Carbon Tetrachloride	2000	2200	ug/Kg	110			76	129	
	cis-1,2-Dichloroethene	2000	1900	ug/Kg	95			82	123	
	Bromochloromethane	2000	2100	ug/Kg	105			80	127	
	Chloroform	2000	2000	ug/Kg	100			82	125	
	1,1,1-Trichloroethane	2000	2100	ug/Kg	105			80	126	
	Methylcyclohexane	2000	2000	ug/Kg	100			77	123	
	Benzene	2000	2000	ug/Kg	100			84	121	
	1,2-Dichloroethane	2000	2000	ug/Kg	100			81	126	
	Trichloroethene	2000	2100	ug/Kg	105			83	122	
	1,2-Dichloropropane	2000	2000	ug/Kg	100			83	122	
	Bromodichloromethane	2000	2000	ug/Kg	100			82	123	
	4-Methyl-2-Pentanone	10000	9400	ug/Kg	94			70	135	
	Toluene	2000	2100	ug/Kg	105			83	122	
	t-1,3-Dichloropropene	2000	1900	ug/Kg	95			78	124	
	cis-1,3-Dichloropropene	2000	2000	ug/Kg	100			81	122	
	1,1,2-Trichloroethane	2000	2100	ug/Kg	105			82	125	
	2-Hexanone	10000	9100	ug/Kg	91			66	138	
	Dibromochloromethane	2000	2200	ug/Kg	110			79	125	
	1,2-Dibromoethane	2000	2100	ug/Kg	105			80	125	
	Tetrachloroethene	2000	2200	ug/Kg	110			83	125	
	Chlorobenzene	2000	2000	ug/Kg	100			84	122	
	Ethyl Benzene	2000	1900	ug/Kg	95			82	124	
	m/p-Xylenes	4000	4000	ug/Kg	100			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Styrene	2000	1900	ug/Kg	95			82	124	
	Bromoform	2000	2100	ug/Kg	105			75	127	
	Isopropylbenzene	2000	1800	ug/Kg	90			82	124	
	1,1,2,2-Tetrachloroethane	2000	1800	ug/Kg	90			77	127	
	1,3-Dichlorobenzene	2000	1800	ug/Kg	90			83	122	
	1,4-Dichlorobenzene	2000	1800	ug/Kg	90			84	121	
	1,2-Dichlorobenzene	2000	1800	ug/Kg	90			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX048164.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1014MBS02	1,2-Dibromo-3-Chloropropane	2000	1700	ug/Kg	85			66	134	
	1,2,4-Trichlorobenzene	2000	1700	ug/Kg	85			78	127	
	1,2,3-Trichlorobenzene	2000	1700	ug/Kg	85			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023458.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBS01	Dichlorodifluoromethane	20	21.4	ug/Kg	107			64	136	
	Chloromethane	20	20.2	ug/Kg	101			52	151	
	Vinyl chloride	20	20.2	ug/Kg	101			56	148	
	Bromomethane	20	21.0	ug/Kg	105			58	141	
	Chloroethane	20	21.0	ug/Kg	105			69	130	
	Trichlorofluoromethane	20	20.2	ug/Kg	101			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.0	ug/Kg	100			79	121	
	Acetone	100	120	ug/Kg	120			40	171	
	Carbon disulfide	20	20.3	ug/Kg	102			59	130	
	Methyl tert-butyl Ether	20	17.8	ug/Kg	89			77	129	
	Methyl Acetate	20	14.5	ug/Kg	73			69	149	
	Methylene Chloride	20	19.2	ug/Kg	96			72	131	
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103			80	123	
	1,1-Dichloroethane	20	20.6	ug/Kg	103			82	123	
	Cyclohexane	20	19.3	ug/Kg	97			76	122	
	2-Butanone	100	100	ug/Kg	100			69	131	
	Carbon Tetrachloride	20	21.1	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			82	123	
	Bromochloromethane	20	20.4	ug/Kg	102			80	127	
	Chloroform	20	20.6	ug/Kg	103			82	125	
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103			80	126	
	Methylcyclohexane	20	19.8	ug/Kg	99			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	19.5	ug/Kg	98			81	126	
	Trichloroethene	20	20.7	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			83	122	
	Bromodichloromethane	20	20.2	ug/Kg	101			82	123	
	4-Methyl-2-Pentanone	100	86.8	ug/Kg	87			70	135	
	Toluene	20	20.6	ug/Kg	103			83	122	
	t-1,3-Dichloropropene	20	19.3	ug/Kg	97			78	124	
	cis-1,3-Dichloropropene	20	20.0	ug/Kg	100			81	122	
	1,1,2-Trichloroethane	20	19.5	ug/Kg	98			82	125	
	2-Hexanone	100	96.7	ug/Kg	97			66	138	
	Dibromochloromethane	20	20.0	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	18.7	ug/Kg	94			80	125	
	Tetrachloroethene	20	20.6	ug/Kg	103			83	125	
	Chlorobenzene	20	20.2	ug/Kg	101			84	122	
	Ethyl Benzene	20	19.9	ug/Kg	100			82	124	
	m/p-Xylenes	40	40.8	ug/Kg	102			83	124	
	o-Xylene	20	19.5	ug/Kg	98			83	123	
	Styrene	20	20.2	ug/Kg	101			82	124	
	Bromoform	20	19.0	ug/Kg	95			75	127	
	Isopropylbenzene	20	19.9	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/Kg	91			77	127	
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.5	ug/Kg	98			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023458.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBS01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/Kg	85			66	134	
	1,2,4-Trichlorobenzene	20	17.4	ug/Kg	87			78	127	
	1,2,3-Trichlorobenzene	20	16.9	ug/Kg	85			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023459.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBSD01	Dichlorodifluoromethane	20	21.0	ug/Kg	105	2		64	136	20
	Chloromethane	20	20.3	ug/Kg	102	1		52	151	20
	Vinyl chloride	20	20.1	ug/Kg	101	0		56	148	20
	Bromomethane	20	20.7	ug/Kg	104	1		58	141	20
	Chloroethane	20	20.6	ug/Kg	103	2		69	130	20
	Trichlorofluoromethane	20	20.0	ug/Kg	100	1		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.7	ug/Kg	104	0		81	123	20
	1,1-Dichloroethene	20	19.8	ug/Kg	99	1		79	121	20
	Acetone	100	120	ug/Kg	120	0		40	171	20
	Carbon disulfide	20	20.3	ug/Kg	102	0		59	130	20
	Methyl tert-butyl Ether	20	17.9	ug/Kg	90	1		77	129	20
	Methyl Acetate	20	15.7	ug/Kg	79	8		69	149	20
	Methylene Chloride	20	19.5	ug/Kg	98	2		72	131	20
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103	0		80	123	20
	1,1-Dichloroethane	20	20.8	ug/Kg	104	1		82	123	20
	Cyclohexane	20	18.9	ug/Kg	95	2		76	122	20
	2-Butanone	100	98.9	ug/Kg	99	1		69	131	20
	Carbon Tetrachloride	20	21.1	ug/Kg	106	0		76	129	20
	cis-1,2-Dichloroethene	20	20.3	ug/Kg	102	2		82	123	20
	Bromochloromethane	20	20.7	ug/Kg	104	2		80	127	20
	Chloroform	20	21.0	ug/Kg	105	2		82	125	20
	1,1,1-Trichloroethane	20	20.9	ug/Kg	104	1		80	126	20
	Methylcyclohexane	20	19.0	ug/Kg	95	4		77	123	20
	Benzene	20	20.8	ug/Kg	104	0		84	121	20
	1,2-Dichloroethane	20	19.8	ug/Kg	99	1		81	126	20
	Trichloroethene	20	20.3	ug/Kg	102	2		83	122	20
	1,2-Dichloropropane	20	20.4	ug/Kg	102	1		83	122	20
	Bromodichloromethane	20	20.7	ug/Kg	104	3		82	123	20
	4-Methyl-2-Pentanone	100	84.8	ug/Kg	85	2		70	135	20
	Toluene	20	20.9	ug/Kg	104	1		83	122	20
	t-1,3-Dichloropropene	20	19.2	ug/Kg	96	1		78	124	20
	cis-1,3-Dichloropropene	20	20.1	ug/Kg	101	1		81	122	20
	1,1,2-Trichloroethane	20	19.7	ug/Kg	99	1		82	125	20
	2-Hexanone	100	92.6	ug/Kg	93	4		66	138	20
	Dibromochloromethane	20	20.2	ug/Kg	101	1		79	125	20
	1,2-Dibromoethane	20	19.7	ug/Kg	99	5		80	125	20
	Tetrachloroethene	20	20.5	ug/Kg	103	0		83	125	20
	Chlorobenzene	20	20.5	ug/Kg	103	2		84	122	20
	Ethyl Benzene	20	20.1	ug/Kg	101	1		82	124	20
	m/p-Xylenes	40	41.0	ug/Kg	103	1		83	124	20
	o-Xylene	20	20.0	ug/Kg	100	2		83	123	20
	Styrene	20	20.5	ug/Kg	103	2		82	124	20
	Bromoform	20	19.4	ug/Kg	97	2		75	127	20
	Isopropylbenzene	20	20.2	ug/Kg	101	1		82	124	20
	1,1,2,2-Tetrachloroethane	20	18.6	ug/Kg	93	2		77	127	20
	1,3-Dichlorobenzene	20	20.2	ug/Kg	101	1		83	122	20
	1,4-Dichlorobenzene	20	19.9	ug/Kg	100	1		84	121	20
	1,2-Dichlorobenzene	20	19.9	ug/Kg	100	2		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023459.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBSD01	1,2-Dibromo-3-Chloropropane	20	17.4	ug/Kg	87	2		66	134	20
	1,2,4-Trichlorobenzene	20	18.1	ug/Kg	91	4		78	127	20
	1,2,3-Trichlorobenzene	20	17.5	ug/Kg	88	3		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1014MBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VX048154.D Lab Sample ID: VX1014MBL01

Date Analyzed: 10/14/2025 Time Analyzed: 10:32

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1014MBS02	VX1014MBS02	VX048164.D	10/14/2025
SB2A	Q3276-02	VX048166.D	10/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1014SBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VY023457.D Lab Sample ID: VY1014SBL01

Date Analyzed: 10/14/2025 Time Analyzed: 11:56

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

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1014SBS01	VY1014SBS01	VY023458.D	10/14/2025
VY1014SBSD01	VY1014SBSD01	VY023459.D	10/14/2025
SB2	Q3276-01	VY023467.D	10/14/2025

COMMENTS:

Raw Data: **VX047584.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3276

Lab File ID: VX047584.D | BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:56

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

Raw Data: **VX048152.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3276
Lab File ID: VX048152.D
BFB Injection Date: 10/14/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:33
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 60.0% of mass 95	53.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	69.1
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	66.7 (96.5) 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	VX048153.D	10/14/2025	10:02
VX1014MBL01	VX1014MBL01	VX048154.D	10/14/2025	10:32
VX1014MBS02	VX1014MBS02	VX048164.D	10/14/2025	14:31
SB2A	Q3276-02	VX048166.D	10/14/2025	15:13

Raw Data: **VY023383.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3276

Lab File ID: VY023383.D | BFB Injection Date: 10/07/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:43

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (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	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

Raw Data: **VY023455.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3276
Lab File ID: VY023455.D
BFB Injection Date: 10/14/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:36
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	17.2
75	30.0 - 60.0% of mass 95	50.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	95.6
175	5.0 - 9.0% of mass 174	7.2 (7.5) 1
176	95.0 - 101.0% of mass 174	93.5 (97.8) 1
177	5.0 - 9.0% of mass 176	6.1 (6.5) 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	VY023456.D	10/14/2025	11:25
VY1014SBL01	VY1014SBL01	VY023457.D	10/14/2025	11:56
VY1014SBS01	VY1014SBS01	VY023458.D	10/14/2025	12:26
VY1014SBSD01	VY1014SBSD01	VY023459.D	10/14/2025	12:49
SB2	Q3276-01	VY023467.D	10/14/2025	17:13

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VX048153.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	124958	5.53	212282	6.74	195629	10.04
UPPER LIMIT	249916	6.031	424564	7.239	391258	10.537
LOWER LIMIT	62479	5.031	106141	6.239	97814.5	9.537
EPA SAMPLE NO.						
SB2A	111354	5.54	240688	6.75	245501	10.04
VX1014MBL01	92850	5.53	189331	6.75	199229	10.04
VX1014MBS02	126511	5.54	219762	6.75	203522	10.04

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VX048153.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	95000	12.006				
UPPER LIMIT	190000	12.506				
LOWER LIMIT	47500	11.506				
EPA SAMPLE NO.						
SB2A	125319	12.01				
VX1014MBL01	93640	12.01				
VX1014MBS02	105658	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VY023456.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:25

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	571722	7.71	808604	8.62	715207	11.42
UPPER LIMIT	1143440	8.213	1617210	9.116	1430410	11.92
LOWER LIMIT	285861	7.213	404302	8.116	357604	10.92
EPA SAMPLE NO.						
SB2	582031	7.71	1136657	8.62	1183075	11.42
VY1014SBL01	564646	7.71	1109577	8.62	1120800	11.42
VY1014SBS01	531866	7.71	775568	8.62	681796	11.42
VY1014SBSD01	517858	7.71	759118	8.62	662146	11.42

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VY023456.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:25

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

	IS4 AREA #	RT #				
12 HOUR STD	372874	13.346				
UPPER LIMIT	745748	13.846				
LOWER LIMIT	186437	12.846				
EPA SAMPLE NO.						
SB2	559850	13.35				
VY1014SBL01	479501	13.35				
VY1014SBS01	357890	13.35				
VY1014SBSD01	344738	13.35				

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: **VY023467.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	10/01/25
Project:	Lexington			Date Received:	10/02/25
Client Sample ID:	SB2			SDG No.:	Q3276
Lab Sample ID:	Q3276-01			Matrix:	SOIL
Analytical Method:	8260D	Level :	LOW	% Solid:	86.6
Sample Wt/Vol:	5.89 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.90	ug/Kg	10/14/25 17:13	VY101425
74-87-3	Chloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/14/25 17:13	VY101425
75-01-4	Vinyl Chloride	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
74-83-9	Bromomethane	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
75-00-3	Chloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/14/25 17:13	VY101425
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.90	ug/Kg	10/14/25 17:13	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
75-35-4	1,1-Dichloroethene	0.98	U	1	0.98	4.90	ug/Kg	10/14/25 17:13	VY101425
67-64-1	Acetone	4.60	U	1	4.60	24.5	ug/Kg	10/14/25 17:13	VY101425
75-15-0	Carbon Disulfide	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
1634-04-4	Methyl tert-butyl Ether	0.72	U	1	0.72	4.90	ug/Kg	10/14/25 17:13	VY101425
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.90	ug/Kg	10/14/25 17:13	VY101425
75-09-2	Methylene Chloride	3.50	U	1	3.50	9.80	ug/Kg	10/14/25 17:13	VY101425
156-60-5	trans-1,2-Dichloroethene	0.84	U	1	0.84	4.90	ug/Kg	10/14/25 17:13	VY101425
75-34-3	1,1-Dichloroethane	0.78	U	1	0.78	4.90	ug/Kg	10/14/25 17:13	VY101425
110-82-7	Cyclohexane	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
78-93-3	2-Butanone	6.40	U	1	6.40	24.5	ug/Kg	10/14/25 17:13	VY101425
56-23-5	Carbon Tetrachloride	0.95	U	1	0.95	4.90	ug/Kg	10/14/25 17:13	VY101425
156-59-2	cis-1,2-Dichloroethene	0.74	U	1	0.74	4.90	ug/Kg	10/14/25 17:13	VY101425
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/14/25 17:13	VY101425
67-66-3	Chloroform	0.82	U	1	0.82	4.90	ug/Kg	10/14/25 17:13	VY101425
71-55-6	1,1,1-Trichloroethane	0.91	U	1	0.91	4.90	ug/Kg	10/14/25 17:13	VY101425
108-87-2	Methylcyclohexane	0.89	U	1	0.89	4.90	ug/Kg	10/14/25 17:13	VY101425
71-43-2	Benzene	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
107-06-2	1,2-Dichloroethane	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
79-01-6	Trichloroethene	0.79	U	1	0.79	4.90	ug/Kg	10/14/25 17:13	VY101425
78-87-5	1,2-Dichloropropane	0.89	U	1	0.89	4.90	ug/Kg	10/14/25 17:13	VY101425
75-27-4	Bromodichloromethane	0.76	U	1	0.76	4.90	ug/Kg	10/14/25 17:13	VY101425
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.5	ug/Kg	10/14/25 17:13	VY101425
108-88-3	Toluene	0.76	U	1	0.76	4.90	ug/Kg	10/14/25 17:13	VY101425
10061-02-6	t-1,3-Dichloropropene	0.64	U	1	0.64	4.90	ug/Kg	10/14/25 17:13	VY101425
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1	0.61	4.90	ug/Kg	10/14/25 17:13	VY101425
79-00-5	1,1,2-Trichloroethane	0.90	U	1	0.90	4.90	ug/Kg	10/14/25 17:13	VY101425
591-78-6	2-Hexanone	3.60	U	1	3.60	24.5	ug/Kg	10/14/25 17:13	VY101425
124-48-1	Dibromochloromethane	0.85	U	1	0.85	4.90	ug/Kg	10/14/25 17:13	VY101425
106-93-4	1,2-Dibromoethane	0.86	U	1	0.86	4.90	ug/Kg	10/14/25 17:13	VY101425
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
108-90-7	Chlorobenzene	0.89	U	1	0.89	4.90	ug/Kg	10/14/25 17:13	VY101425
100-41-4	Ethyl Benzene	0.66	U	1	0.66	4.90	ug/Kg	10/14/25 17:13	VY101425
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.80	ug/Kg	10/14/25 17:13	VY101425
95-47-6	o-Xylene	0.80	U	1	0.80	4.90	ug/Kg	10/14/25 17:13	VY101425
100-42-5	Styrene	0.70	U	1	0.70	4.90	ug/Kg	10/14/25 17:13	VY101425
75-25-2	Bromoform	0.84	U	1	0.84	4.90	ug/Kg	10/14/25 17:13	VY101425

Raw Data: **VY023467.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	10/01/25
Project:	Lexington			Date Received:	10/02/25
Client Sample ID:	SB2			SDG No.:	Q3276
Lab Sample ID:	Q3276-01			Matrix:	SOIL
Analytical Method:	8260D	Level : LOW		% Solid:	86.6
Sample Wt/Vol:	5.89 g	Final Vol: 5000 uL		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.76	U	1	0.76	4.90	ug/Kg	10/14/25 17:13	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/14/25 17:13	VY101425
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	4.90	ug/Kg	10/14/25 17:13	VY101425
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.90	ug/Kg	10/14/25 17:13	VY101425
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.90	ug/Kg	10/14/25 17:13	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.90	ug/Kg	10/14/25 17:13	VY101425
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.90	ug/Kg	10/14/25 17:13	VY101425
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.90	ug/Kg	10/14/25 17:13	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.1			63 - 155	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.1			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	53.9			74 - 123	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.8			17 - 146	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	582000							
540-36-3	1,4-Difluorobenzene	1140000							
3114-55-4	Chlorobenzene-d5	1180000							
3855-82-1	1,4-Dichlorobenzene-d4	560000							

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_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Time: Oct 15 03:31:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	582031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1136657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1183075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	559850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	253788	52.144	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.280%			
35) Dibromofluoromethane	7.640	113	357008	51.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.240%			
50) Toluene-d8	10.109	98	1401769	53.894	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.408	95	496170	57.780	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.560%			

Target Compounds Qvalue

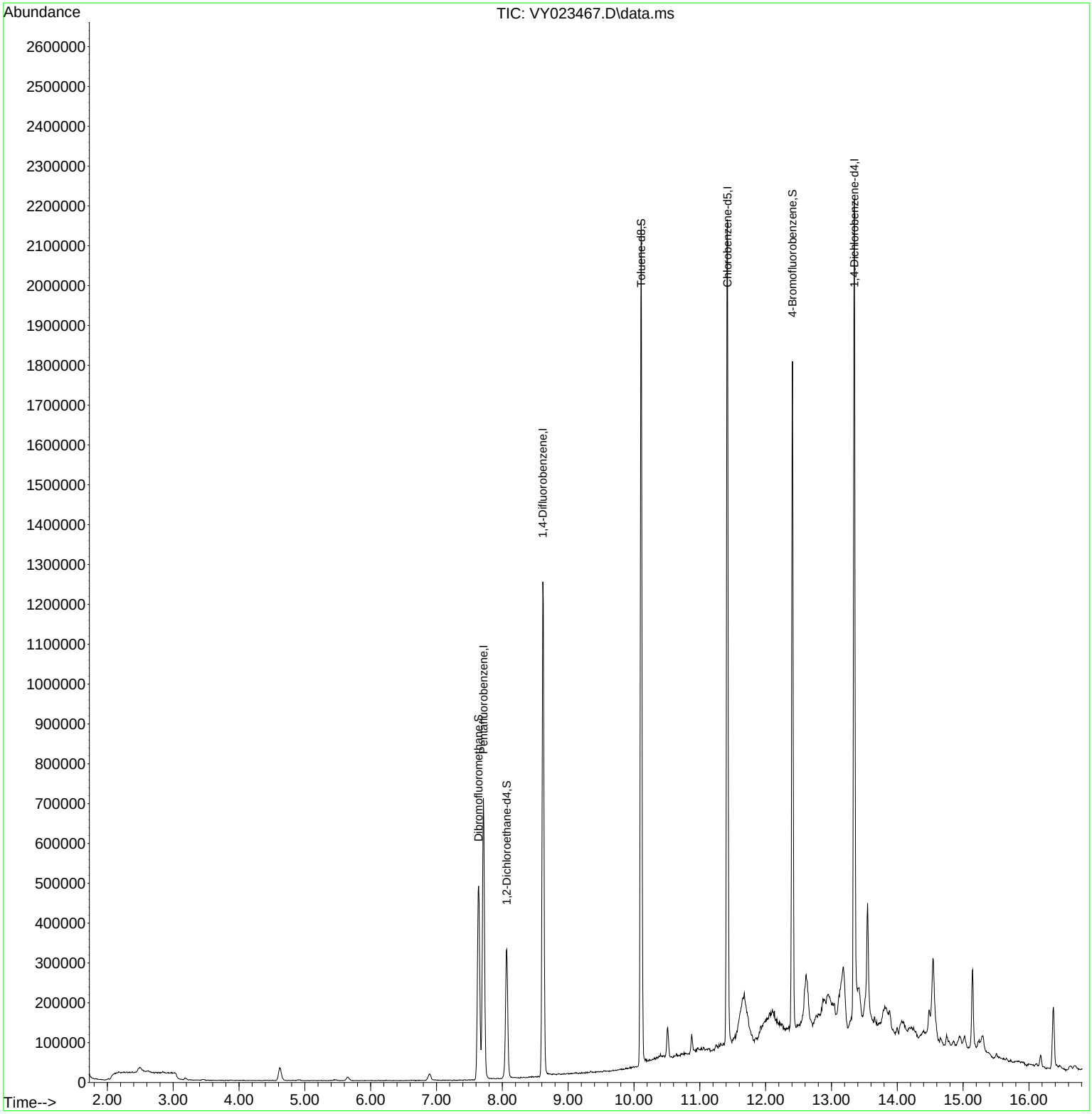
(#) = qualifier out of range (m) = manual integration (+) = signals summed

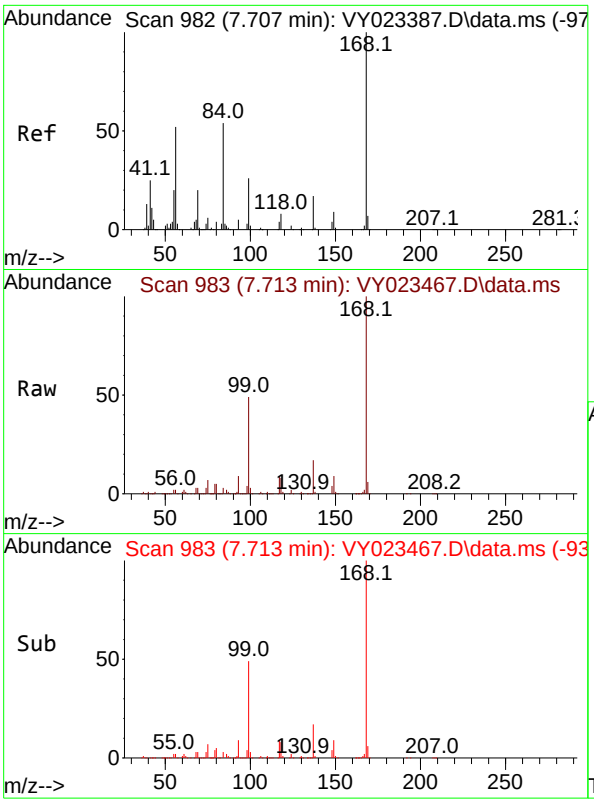
Sample Results: **VY023467.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Time: Oct 15 03:31:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



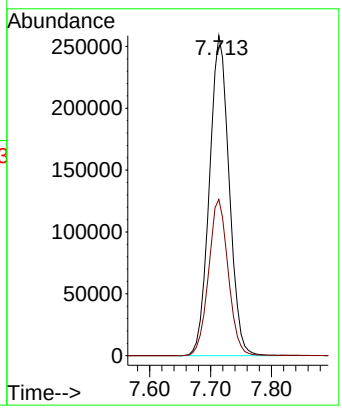


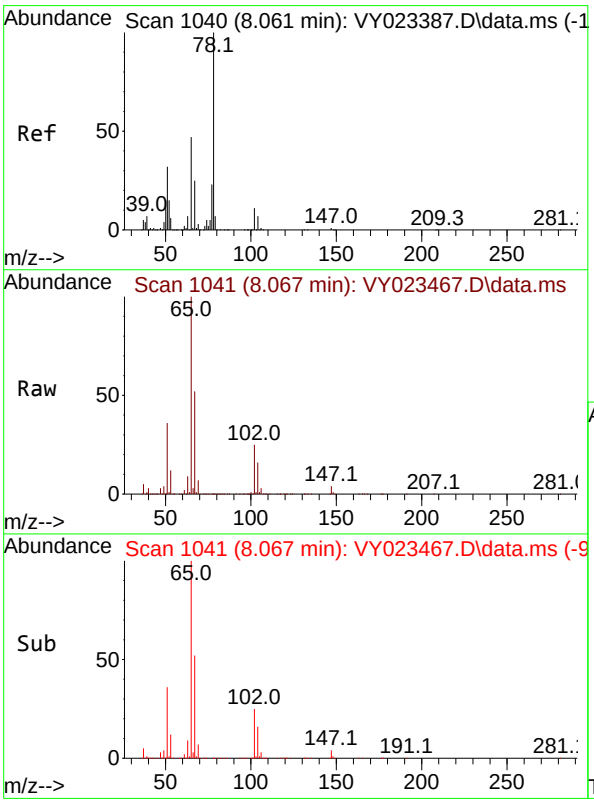
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion:168 Resp: 582031

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.7	59.5

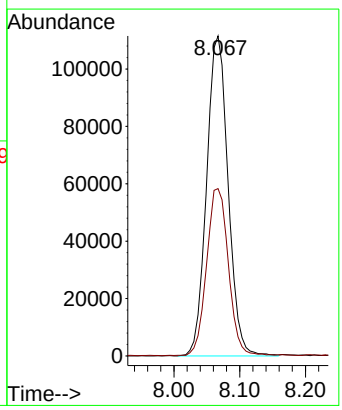


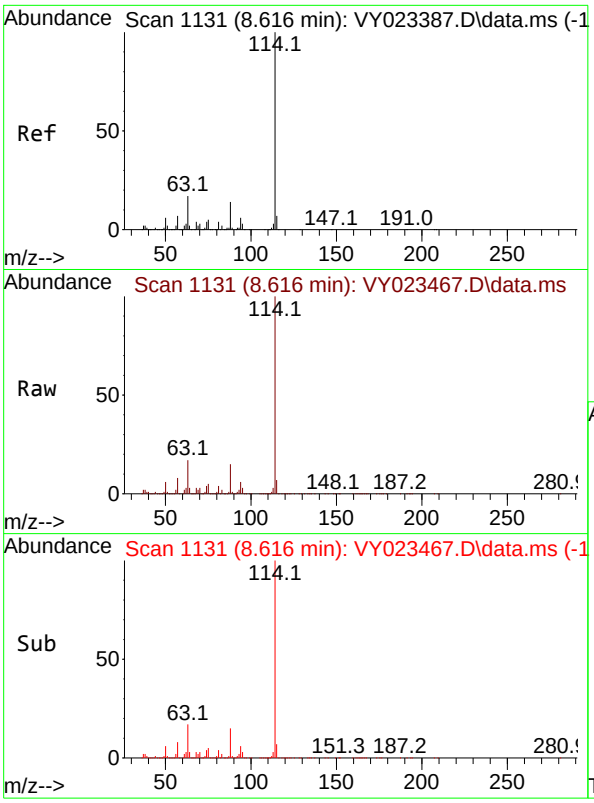


#33
1,2-Dichloroethane-d4
Concen: 52.144 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion: 65 Resp: 253788

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8



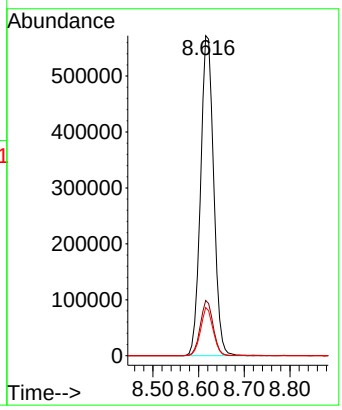


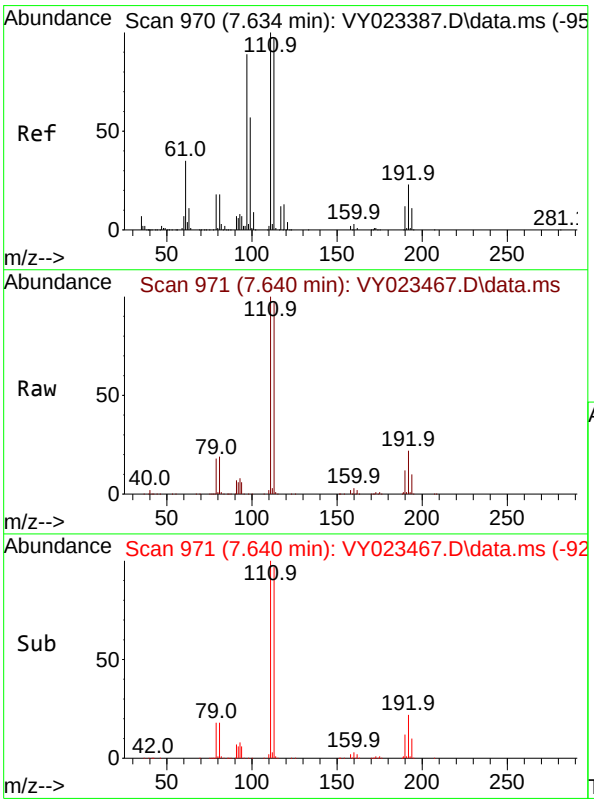
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion:114 Resp: 1136657

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.2
88	15.1	0.0	28.4

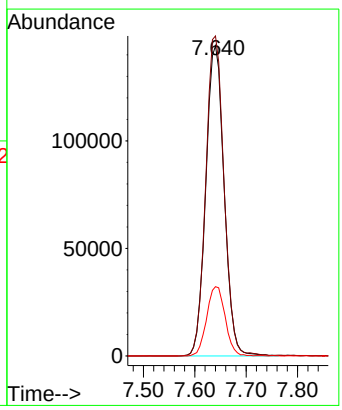


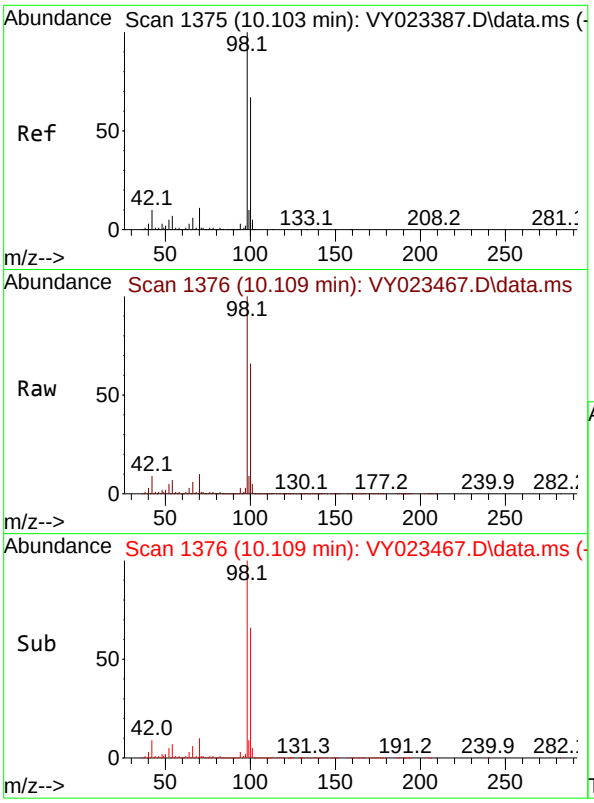


#35
Dibromofluoromethane
Concen: 51.116 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion:113 Resp: 357008

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	22.5	18.0	27.0



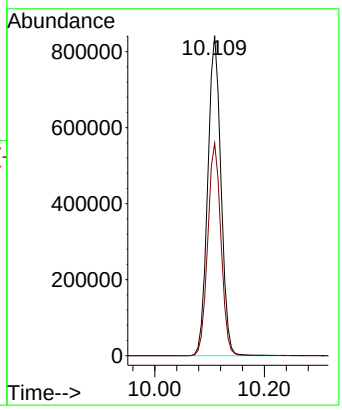


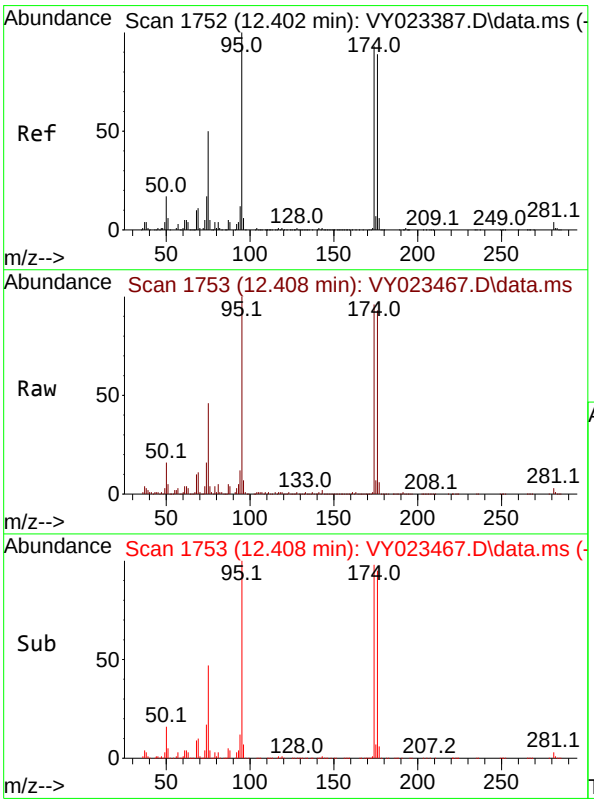
#50
Toluene-d8
Concen: 53.894 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion: 98 Resp: 1401769

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

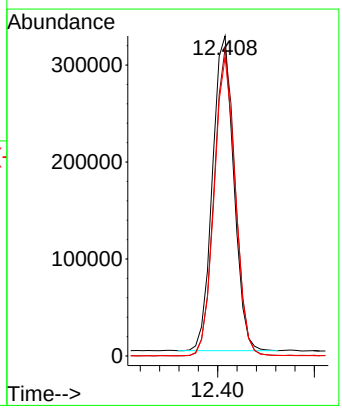


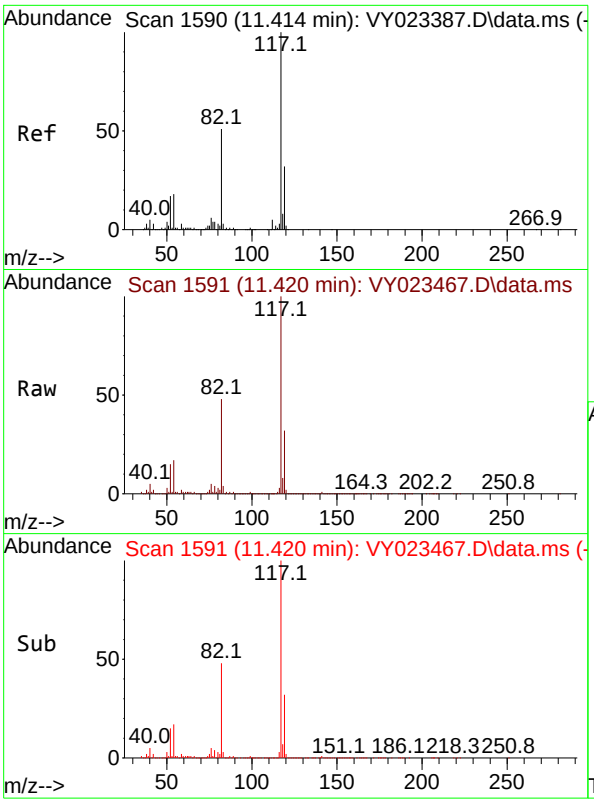


#62
4-Bromofluorobenzene
Concen: 57.780 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion: 95 Resp: 496170

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	192.8
176	94.5	0.0	187.6



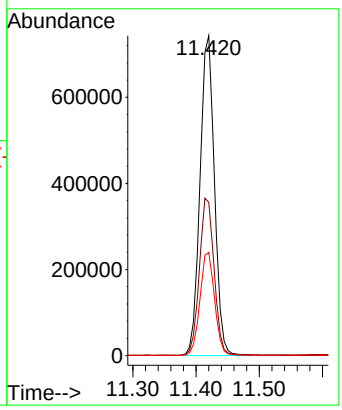


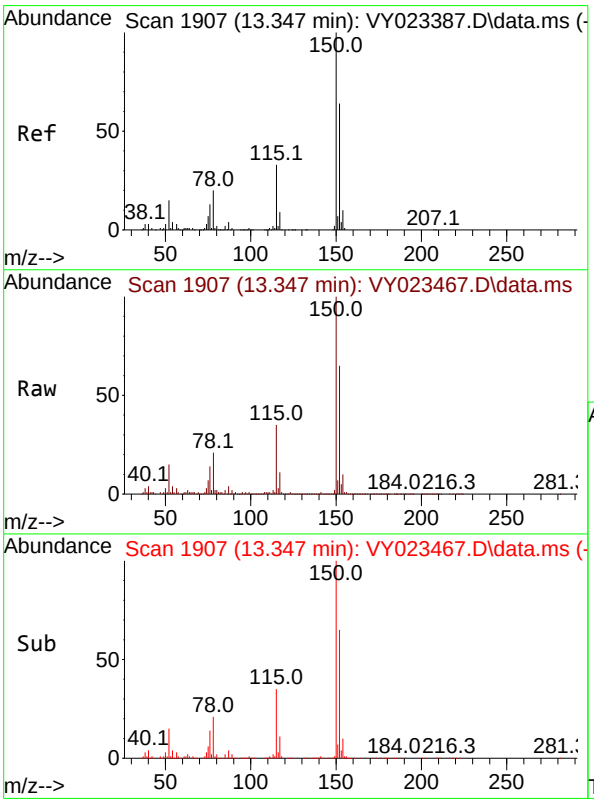
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion:117 Resp: 1183075

Ion	Ratio	Lower	Upper
117	100		
82	47.8	41.0	61.4
119	32.2	25.6	38.4

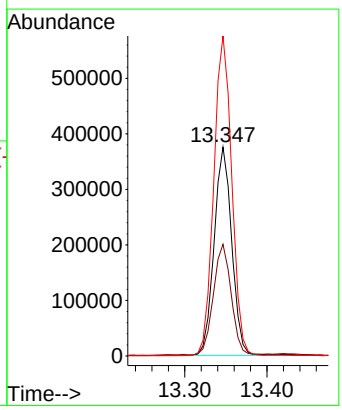




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion:152 Resp: 559850

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.2
150	156.1	0.0	347.4



Sample Results: **VY023467.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

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_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023467.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	465	475	489	rBV2	32569	103549	2.89%	0.478%
2	6.896	840	849	858	rBV	16392	50538	1.41%	0.233%
3	7.640	960	971	977	rBV	486885	1200262	33.52%	5.538%
4	7.713	977	983	996	rVB	704288	1569156	43.82%	7.240%
5	8.067	1028	1041	1052	rBV	323970	782268	21.85%	3.610%
6	8.616	1122	1131	1142	rBV	1243336	2464090	68.82%	11.370%
7	10.109	1369	1376	1386	rBV	2115613	3580699	100.00%	16.522%
8	10.512	1437	1442	1450	rVB	74770	143338	4.00%	0.661%
9	10.877	1498	1502	1506	rBV	43583	64484	1.80%	0.298%
10	11.420	1584	1591	1602	rBV	2067596	3377505	94.33%	15.585%
11	12.408	1747	1753	1762	rVB	1672581	2607520	72.82%	12.032%
12	12.615	1781	1787	1803	rVB2	128818	497649	13.90%	2.296%
13	13.347	1901	1907	1915	rBV	2049210	3228055	90.15%	14.895%
14	13.548	1936	1940	1952	rVB	293751	561213	15.67%	2.590%
15	14.487	2090	2094	2097	rBV2	44218	89641	2.50%	0.414%
16	14.541	2098	2103	2116	rVB2	204273	609304	17.02%	2.811%
17	15.145	2196	2202	2211	rVB	195417	359650	10.04%	1.660%
18	16.175	2367	2371	2377	rVB2	28884	52507	1.47%	0.242%
19	16.370	2395	2403	2410	rBV	154316	330618	9.23%	1.526%

Sum of corrected areas: 21672046

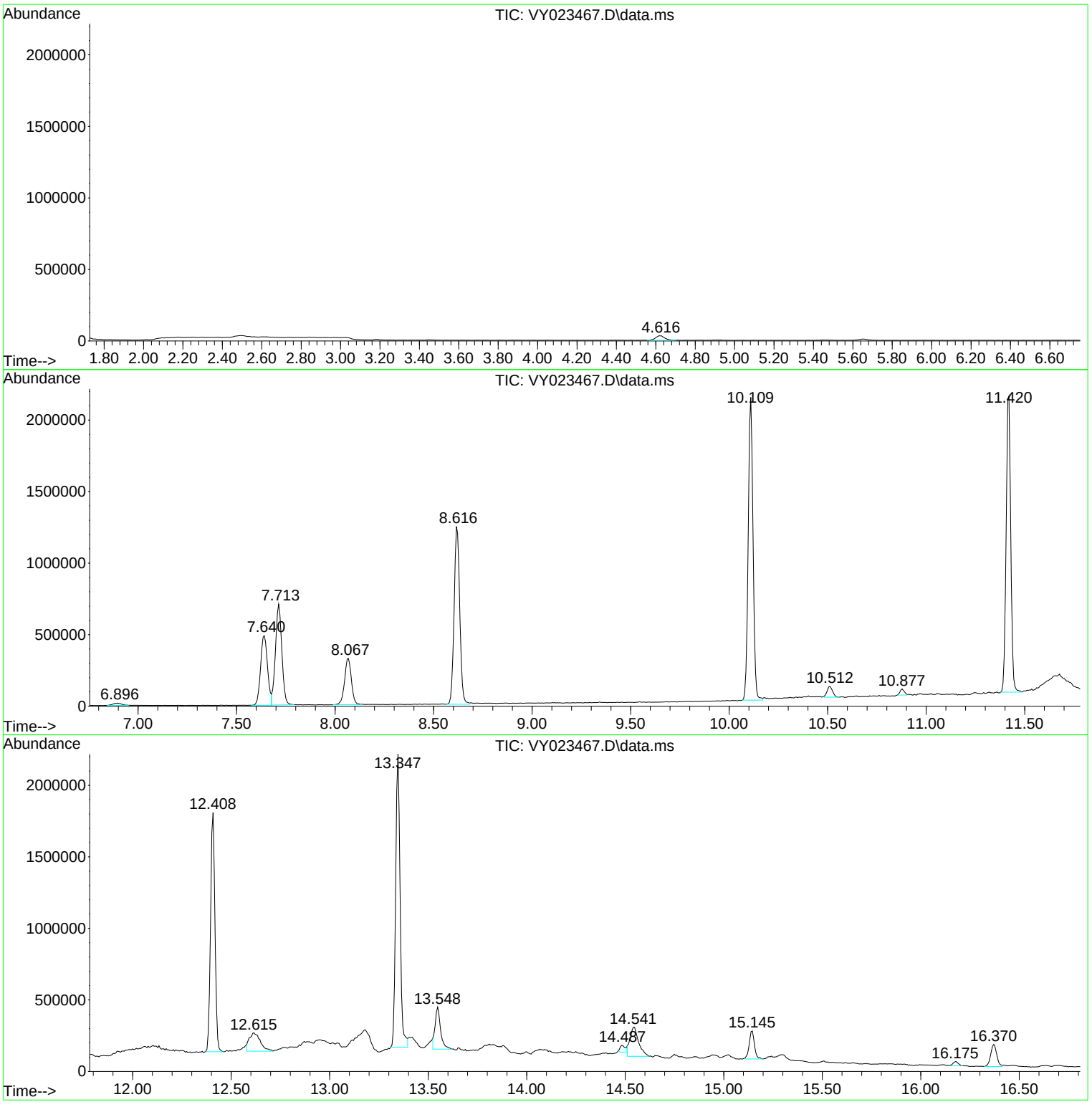
Sample Results: **VY023467.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

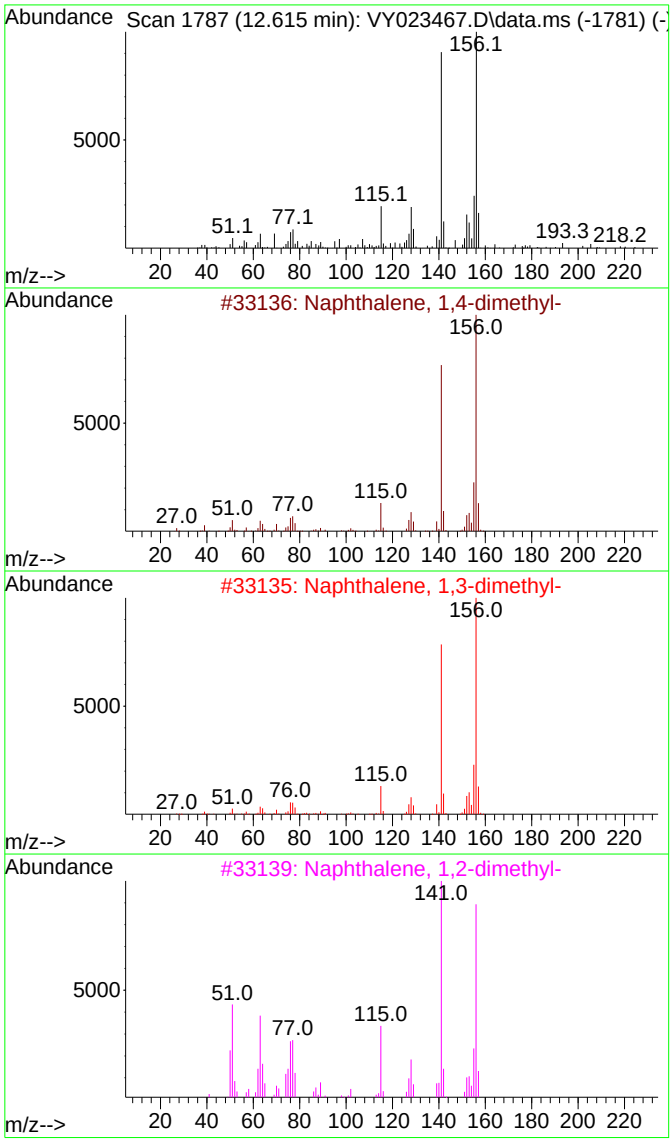
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

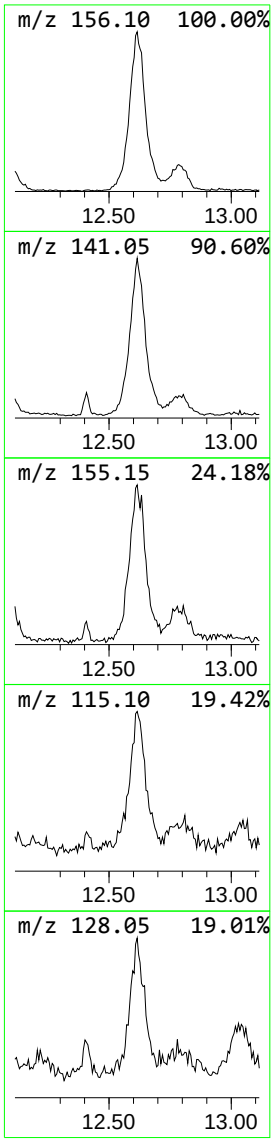
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	7.71 ug/l	497649	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Sample Results: **VY023467.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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
Naphthalene, 1,...	12.615	7.7	ug/l	497649	4	13.347	3228060	50.0

Raw Data: **VX048166.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:	10/01/25	
Project:	Lexington		Date Received:	10/02/25	
Client Sample ID:	SB2A		SDG No.:	Q3276	
Lab Sample ID:	Q3276-02	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	91	
Sample Wt/Vol:	7.46 g	Final Vol: 5000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
74-87-3	Chloromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
75-01-4	Vinyl Chloride	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
74-83-9	Bromomethane	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
75-00-3	Chloroethane	4600	U	100	4600	18400	ug/Kg	10/14/25 15:13	VX101425
75-69-4	Trichlorofluoromethane	4500	U	100	4500	18400	ug/Kg	10/14/25 15:13	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
75-35-4	1,1-Dichloroethene	3700	U	100	3700	18400	ug/Kg	10/14/25 15:13	VX101425
67-64-1	Acetone	17500	U	100	17500	92100	ug/Kg	10/14/25 15:13	VX101425
75-15-0	Carbon Disulfide	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
1634-04-4	Methyl tert-butyl Ether	2700	U	100	2700	18400	ug/Kg	10/14/25 15:13	VX101425
79-20-9	Methyl Acetate	5700	U	100	5700	18400	ug/Kg	10/14/25 15:13	VX101425
75-09-2	Methylene Chloride	13000	U	100	13000	36800	ug/Kg	10/14/25 15:13	VX101425
156-60-5	trans-1,2-Dichloroethene	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
75-34-3	1,1-Dichloroethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
110-82-7	Cyclohexane	45000		100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
78-93-3	2-Butanone	24100	U	100	24100	92100	ug/Kg	10/14/25 15:13	VX101425
56-23-5	Carbon Tetrachloride	3600	U	100	3600	18400	ug/Kg	10/14/25 15:13	VX101425
156-59-2	cis-1,2-Dichloroethene	2800	U	100	2800	18400	ug/Kg	10/14/25 15:13	VX101425
74-97-5	Bromochloromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
67-66-3	Chloroform	3100	U	100	3100	18400	ug/Kg	10/14/25 15:13	VX101425
71-55-6	1,1,1-Trichloroethane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
108-87-2	Methylcyclohexane	123000		100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
71-43-2	Benzene	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
107-06-2	1,2-Dichloroethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
79-01-6	Trichloroethene	3000	U	100	3000	18400	ug/Kg	10/14/25 15:13	VX101425
78-87-5	1,2-Dichloropropane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
75-27-4	Bromodichloromethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
108-10-1	4-Methyl-2-Pentanone	13200	U	100	13200	92100	ug/Kg	10/14/25 15:13	VX101425
108-88-3	Toluene	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
10061-02-6	t-1,3-Dichloropropene	2400	U	100	2400	18400	ug/Kg	10/14/25 15:13	VX101425
10061-01-5	cis-1,3-Dichloropropene	2300	U	100	2300	18400	ug/Kg	10/14/25 15:13	VX101425
79-00-5	1,1,2-Trichloroethane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
591-78-6	2-Hexanone	13600	U	100	13600	92100	ug/Kg	10/14/25 15:13	VX101425
124-48-1	Dibromochloromethane	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
106-93-4	1,2-Dibromoethane	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
127-18-4	Tetrachloroethene	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
108-90-7	Chlorobenzene	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
100-41-4	Ethyl Benzene	38900		100	2500	18400	ug/Kg	10/14/25 15:13	VX101425
179601-23-1	m/p-Xylenes	9700	J	100	4600	36800	ug/Kg	10/14/25 15:13	VX101425
95-47-6	o-Xylene	3000	U	100	3000	18400	ug/Kg	10/14/25 15:13	VX101425
100-42-5	Styrene	2600	U	100	2600	18400	ug/Kg	10/14/25 15:13	VX101425
75-25-2	Bromoform	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425

Raw Data: **VX048166.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	10/01/25
Project:	Lexington			Date Received:	10/02/25
Client Sample ID:	SB2A			SDG No.:	Q3276
Lab Sample ID:	Q3276-02	Soil Aliquot Vol: 100 uL		Matrix:	SOIL
Analytical Method:	8260D	Level : MED		% Solid:	91
Sample Wt/Vol:	7.46 g	Final Vol: 5000 uL		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10800	J	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	4500	U	100	4500	18400	ug/Kg	10/14/25 15:13	VX101425
541-73-1	1,3-Dichlorobenzene	6300	U	100	6300	18400	ug/Kg	10/14/25 15:13	VX101425
106-46-7	1,4-Dichlorobenzene	5700	U	100	5700	18400	ug/Kg	10/14/25 15:13	VX101425
95-50-1	1,2-Dichlorobenzene	5300	U	100	5300	18400	ug/Kg	10/14/25 15:13	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	6800	U	100	6800	18400	ug/Kg	10/14/25 15:13	VX101425
120-82-1	1,2,4-Trichlorobenzene	10900	U	100	10900	18400	ug/Kg	10/14/25 15:13	VX101425
87-61-6	1,2,3-Trichlorobenzene	11700	U	100	11700	18400	ug/Kg	10/14/25 15:13	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			63 - 155	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.7			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	51.9			74 - 123	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.6			17 - 146	123%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	111000							
540-36-3	1,4-Difluorobenzene	241000							
3114-55-4	Chlorobenzene-d5	246000							
3855-82-1	1,4-Dichlorobenzene-d4	125000							

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

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

Sample Results: **VX048166.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 02:46:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	111354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	240688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	245501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101983	57.537	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.080%			
35) Dibromofluoromethane	5.379	113	83493	51.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.440%			
50) Toluene-d8	8.635	98	290070	51.934	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.860%			
62) 4-Bromofluorobenzene	11.067	95	130654	61.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.280%#			
Target Compounds						Qvalue
31) Cyclohexane	5.489	56	28621	12.220	ug/l #	70
39) Methylcyclohexane	7.366	83	89066	33.265	ug/l	97
67) Ethyl Benzene	10.177	91	101672	10.565	ug/l	99
68) m/p-Xylenes	10.287	106	9466	2.643	ug/l	93
73) Isopropylbenzene	10.945	105	27967	2.935	ug/l	99
78) n-propylbenzene	11.287	91	92695	8.230	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	63371	8.096	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	34172	4.306	ug/l	99
85) sec-Butylbenzene	11.872	105	11773	1.237	ug/l	98
86) p-Isopropyltoluene	11.994	119	9191	1.141	ug/l	91
89) n-Butylbenzene	12.311	91	26812m	3.596	ug/l	
95) Naphthalene	13.756	128	39515	4.809	ug/l #	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 02:46:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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Instrument :
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ClientSampleId :
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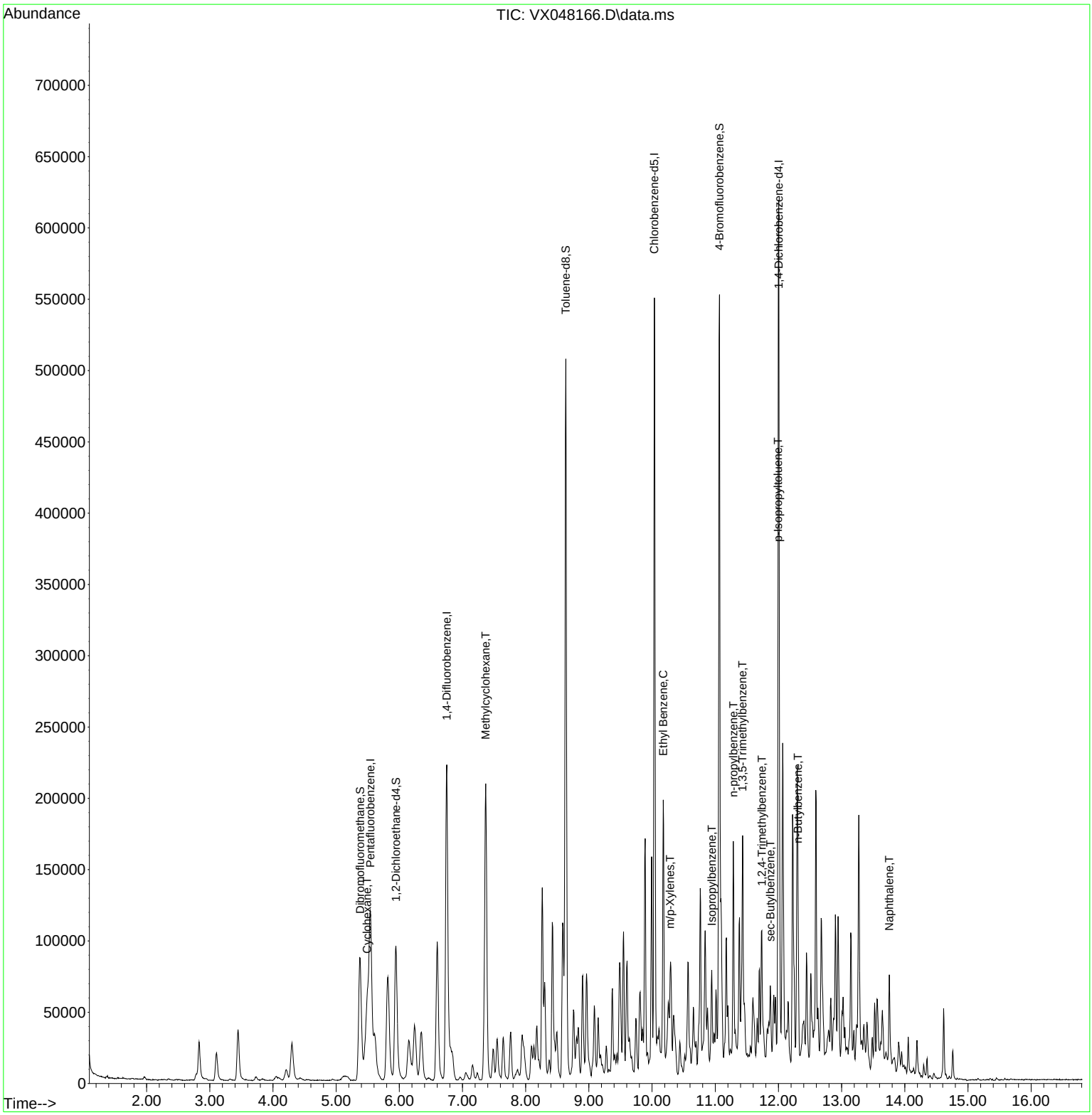
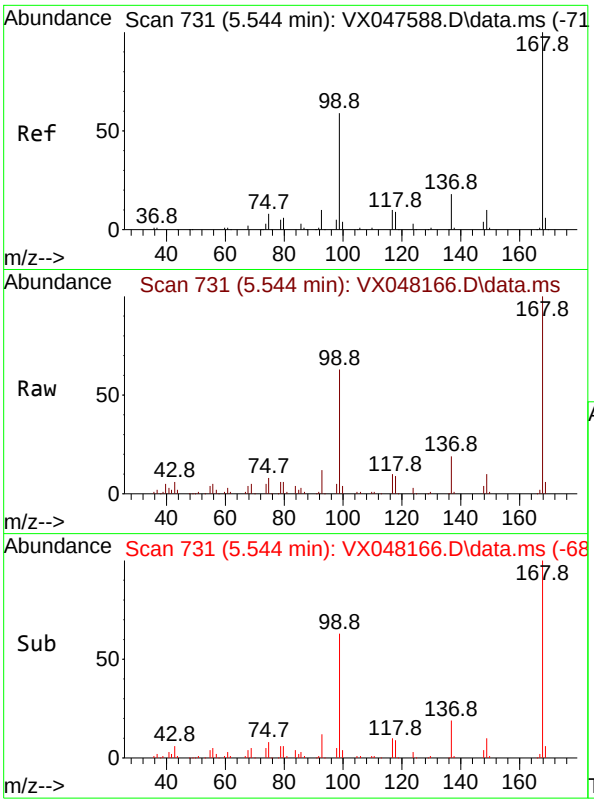
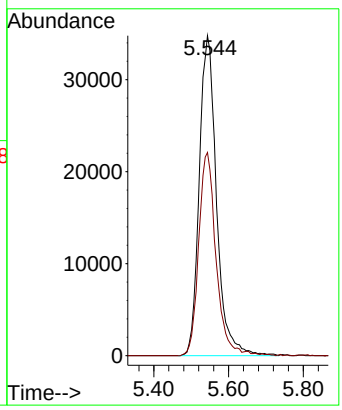




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:168 Resp: 11135

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
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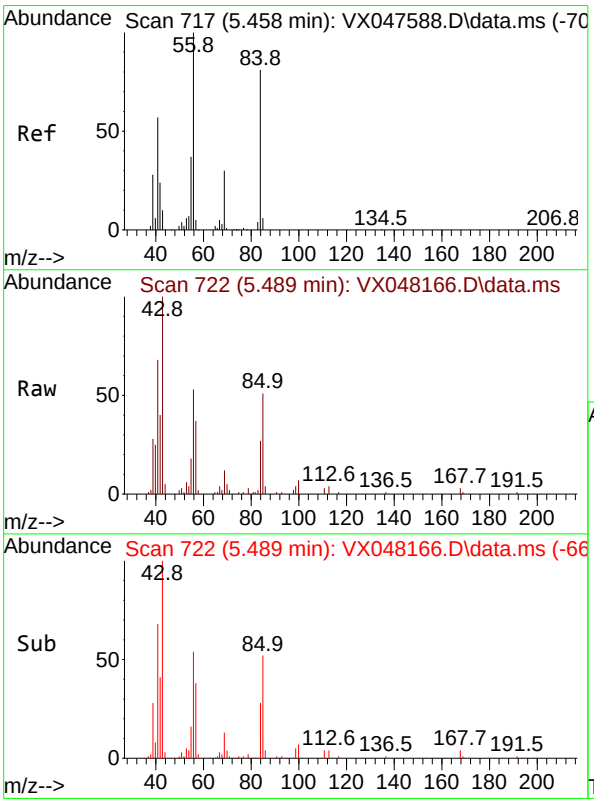
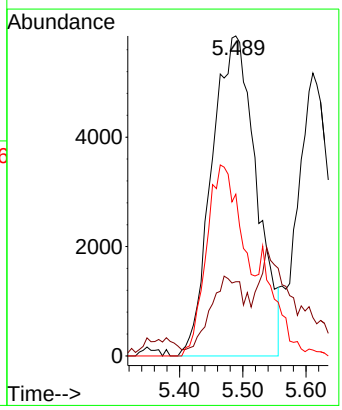
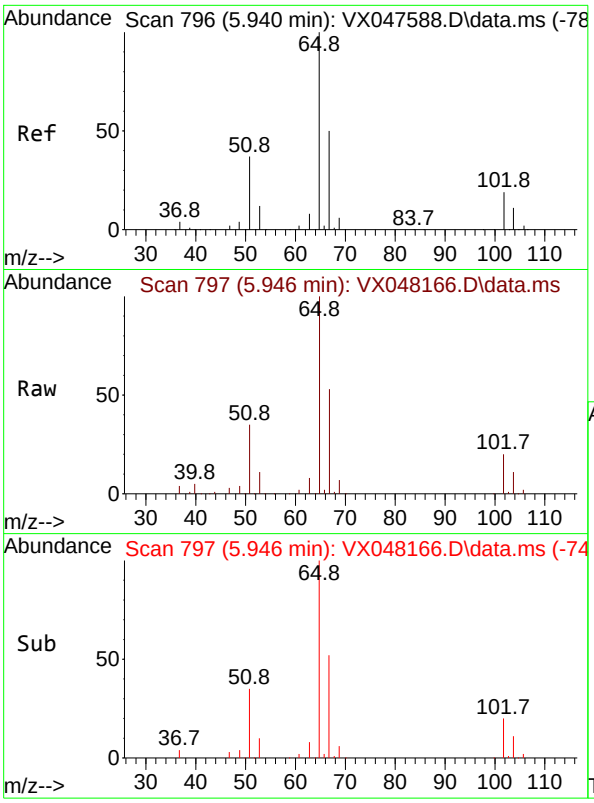


#31
Cyclohexane
Concen: 12.220 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.030 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 56 Resp: 28621

Ion	Ratio	Lower	Upper
56	100		
69	20.1	23.8	35.8#
84	50.6	64.6	97.0#

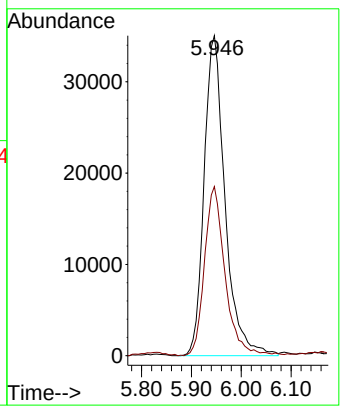




#33
1,2-Dichloroethane-d4
Concen: 57.537 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 65 Resp: 10198

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
SB2A

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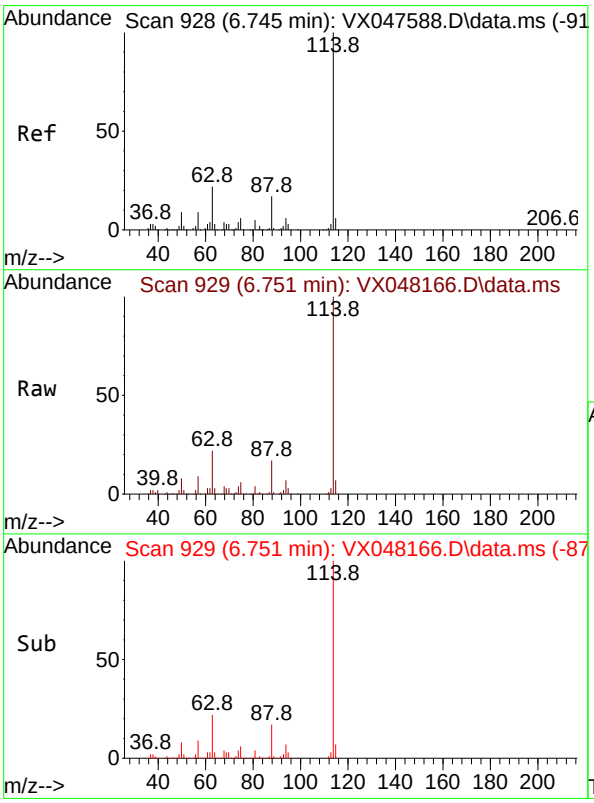
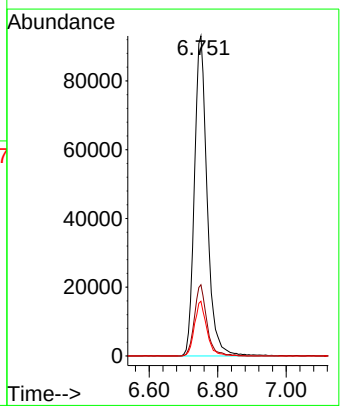
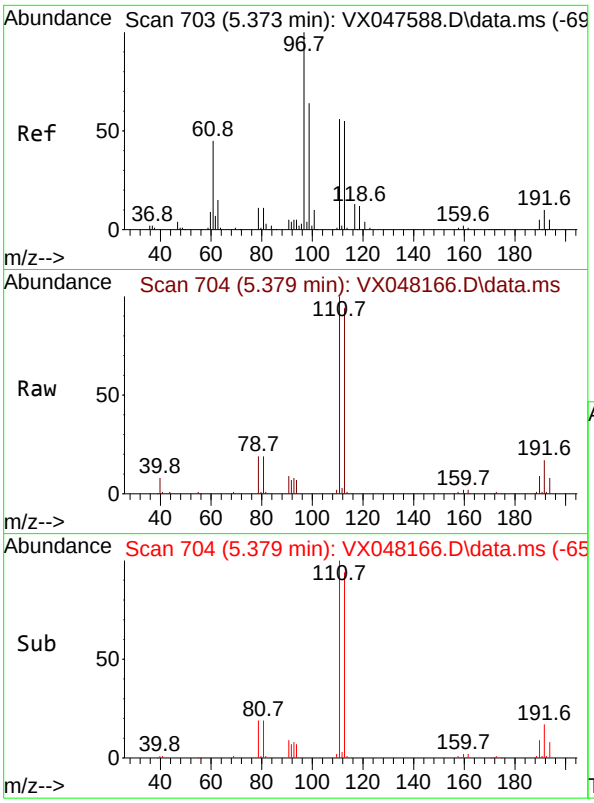


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:114 Resp: 240688

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	17.1	0.0	34.2

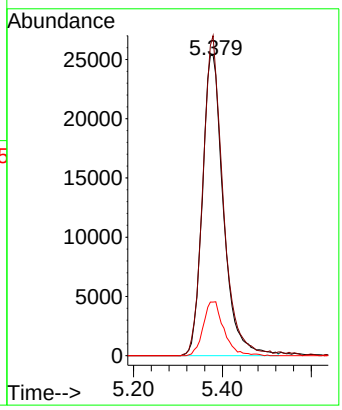




#35
Dibromofluoromethane
Concen: 51.725 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:113 Resp: 8349

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.9	121.3
192	17.7	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
SB2A

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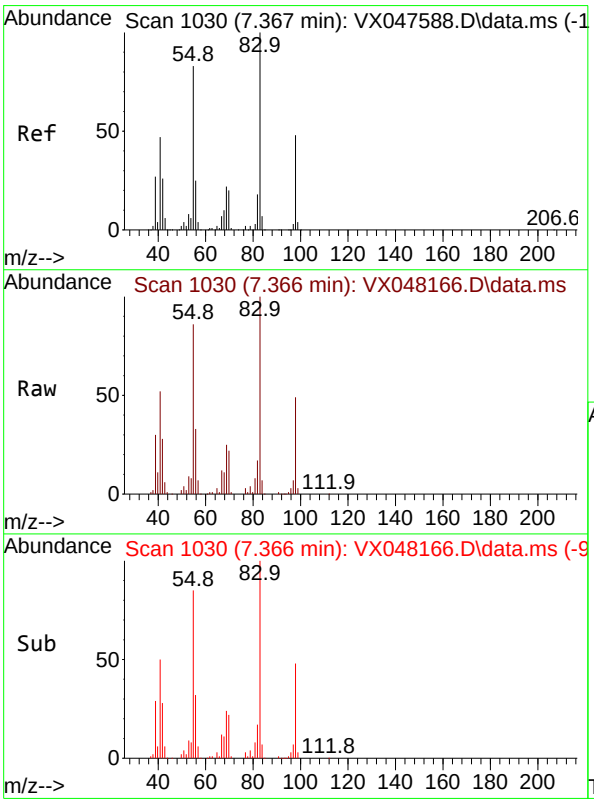
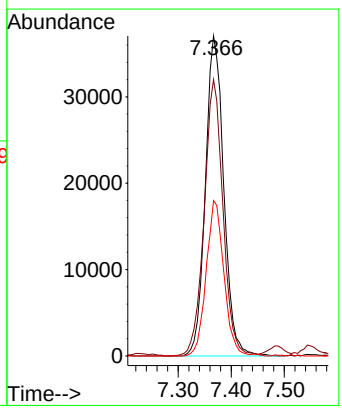
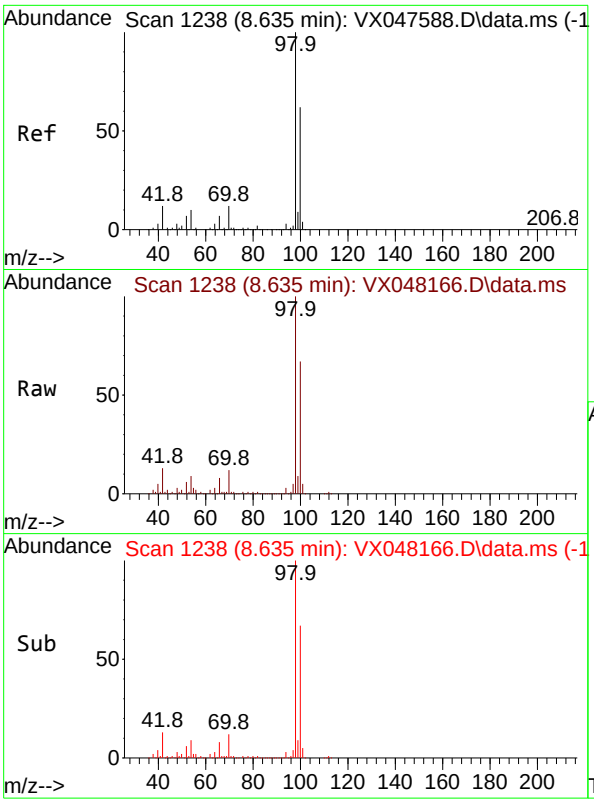


#39
Methylcyclohexane
Concen: 33.265 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 83 Resp: 89066

Ion	Ratio	Lower	Upper
83	100		
55	86.1	66.4	99.6
98	48.5	38.1	57.1





#50
Toluene-d8
Concen: 51.934 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 98 Resp: 29007

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
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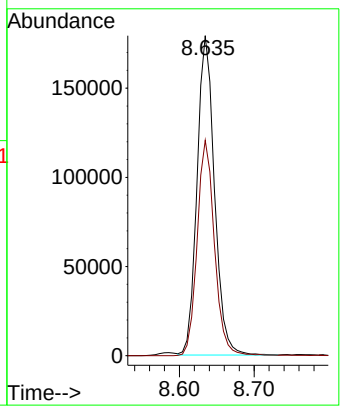
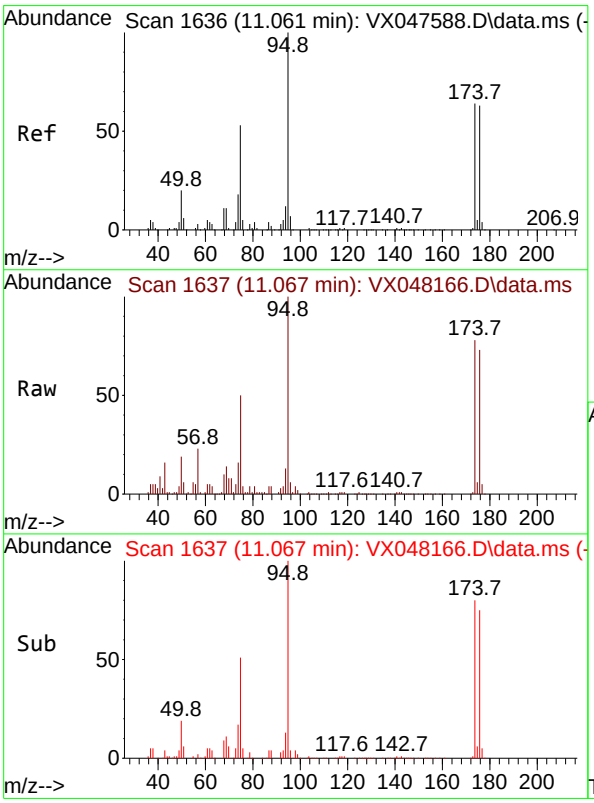
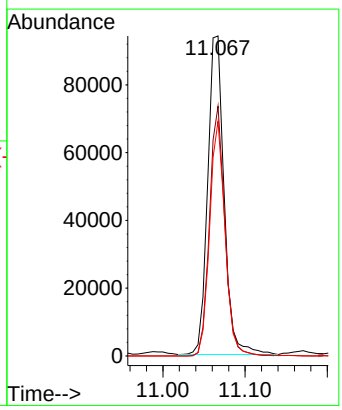


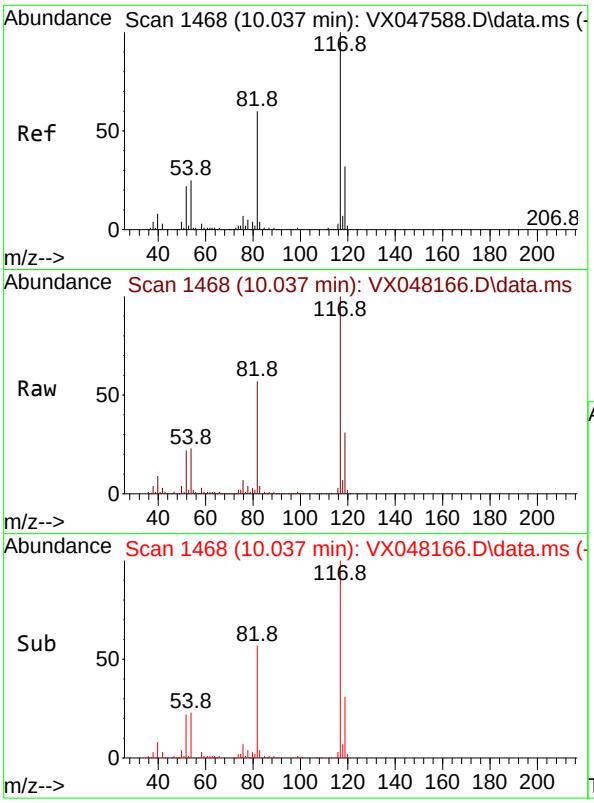


#62
4-Bromofluorobenzene
Concen: 61.636 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 95 Resp: 130654

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.6
176	69.3	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:117 Resp: 24550

Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.6
119	31.5	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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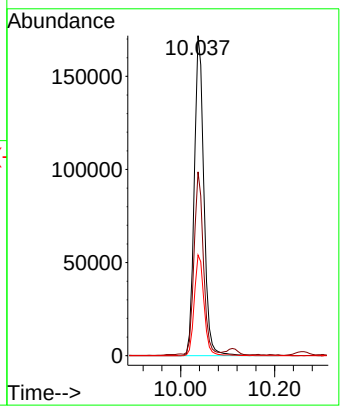
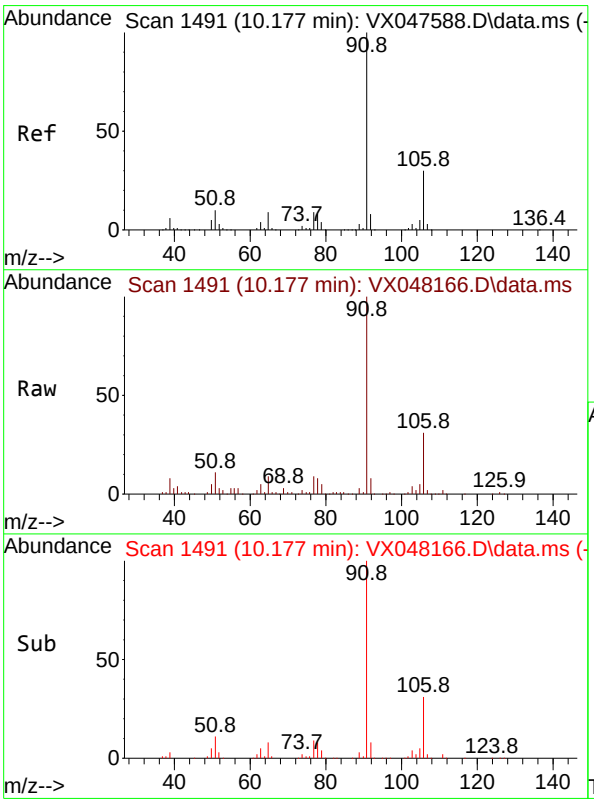
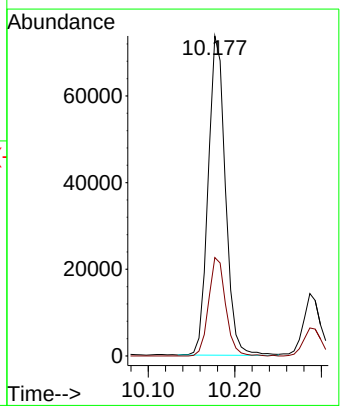


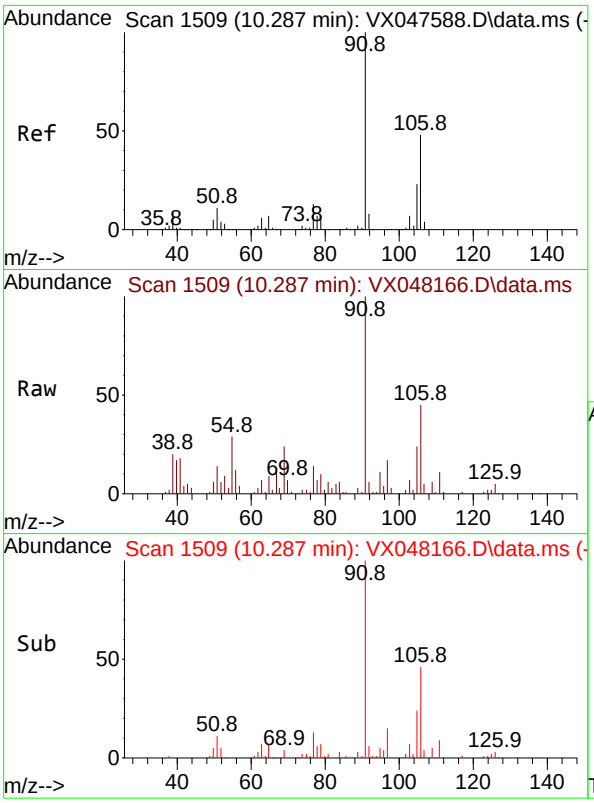


#67
Ethyl Benzene
Concen: 10.565 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 91 Resp: 101672

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5





#68
m/p-Xylenes
Concen: 2.643 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:106 Resp: 946

Ion	Ratio	Lower	Upper
106	100		
91	220.5	167.8	251.8

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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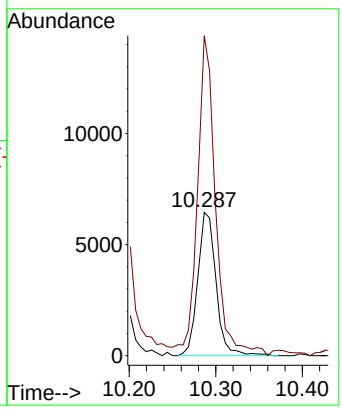
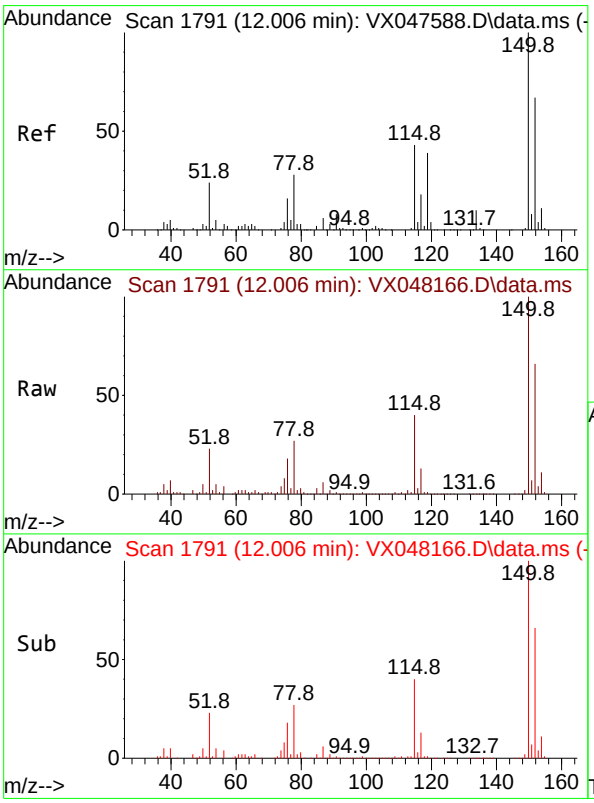
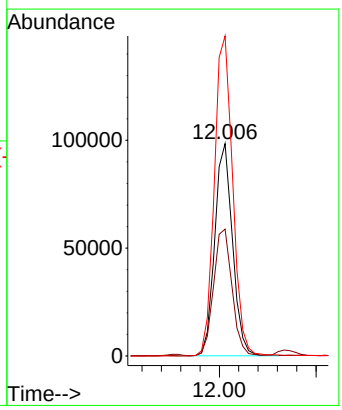


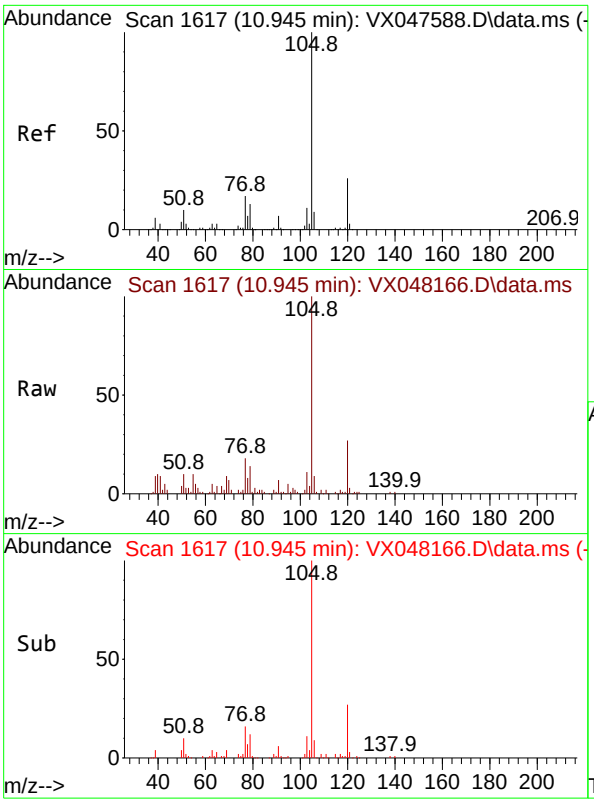


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:152 Resp: 125319

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.9	134.5
150	156.2	0.0	352.0





#73
Isopropylbenzene
Concen: 2.935 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:105 Resp: 2796

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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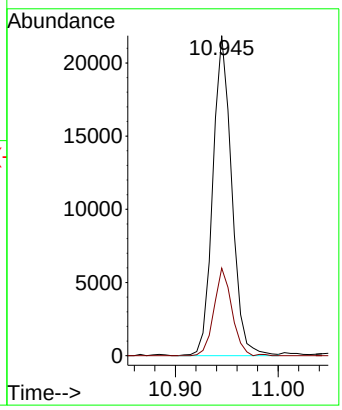
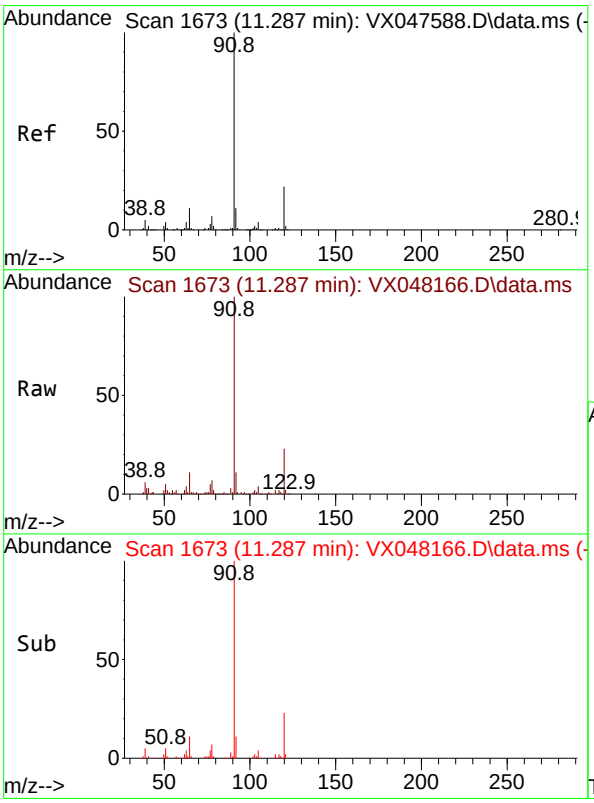
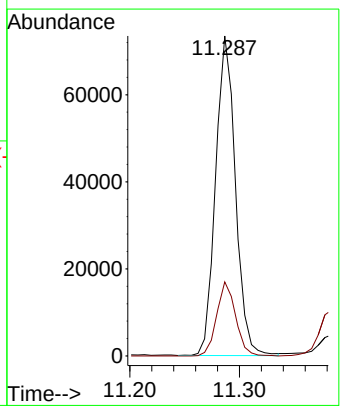


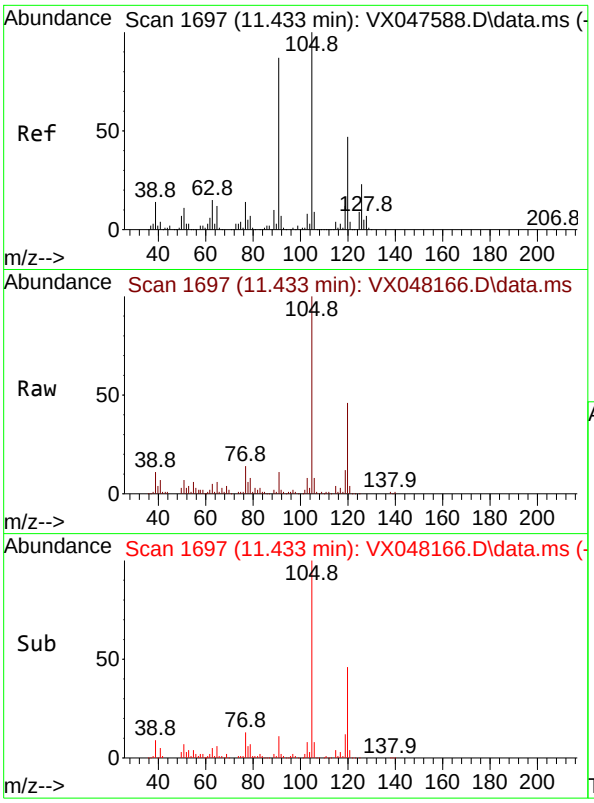


#78
n-propylbenzene
Concen: 8.230 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 91 Resp: 92695

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#80
1,3,5-Trimethylbenzene
Concen: 8.096 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

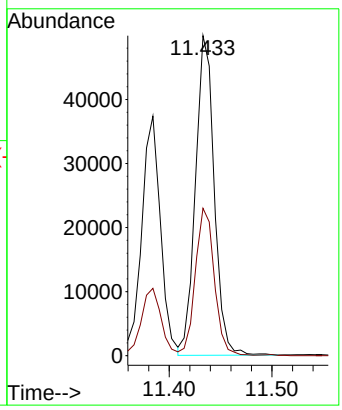
Tgt Ion:105 Resp: 6337

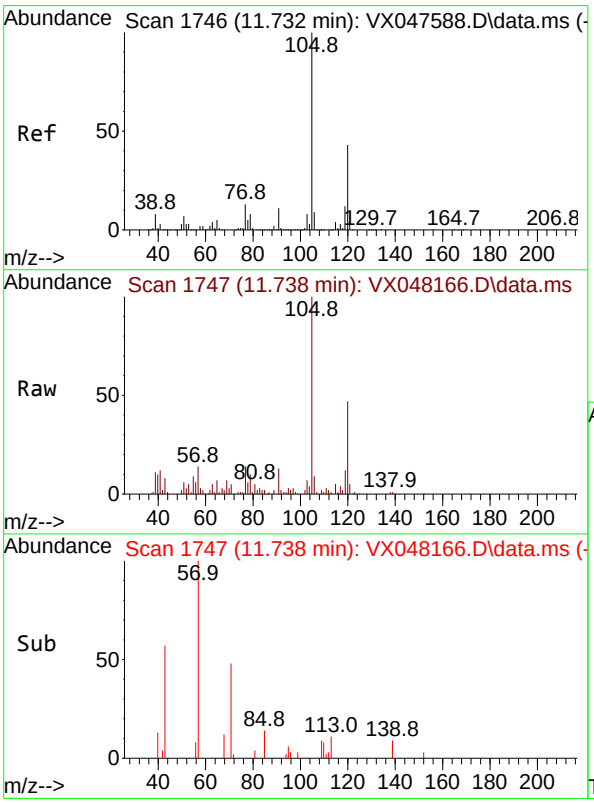
Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.6	70.8

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

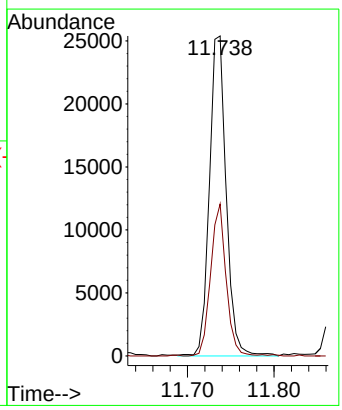


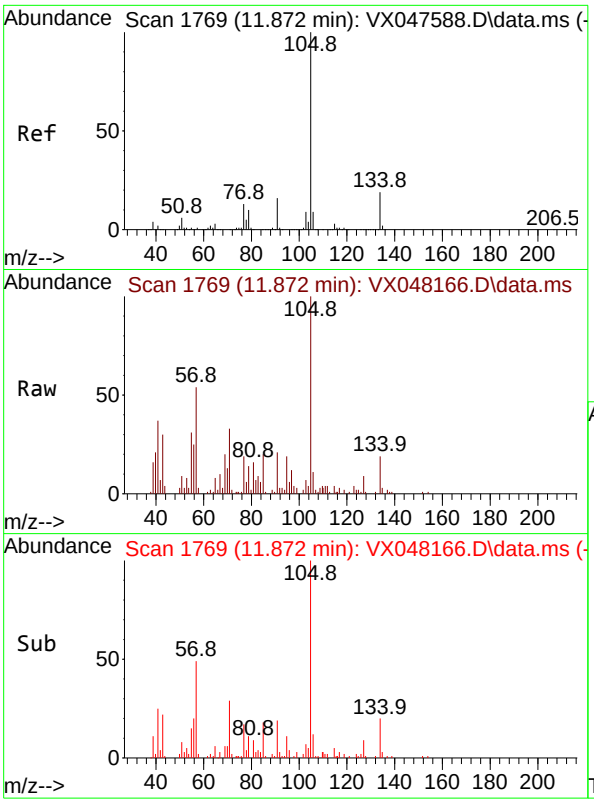


#84
1,2,4-Trimethylbenzene
Concen: 4.306 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:105 Resp: 34172

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.1





#85
sec-Butylbenzene
Concen: 1.237 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

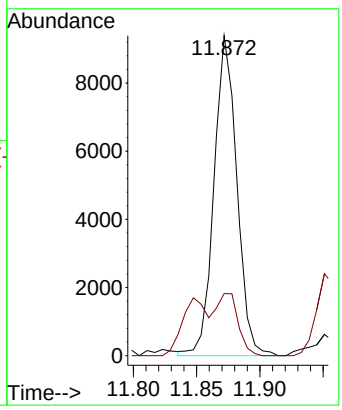
Tgt Ion:105 Resp: 1177

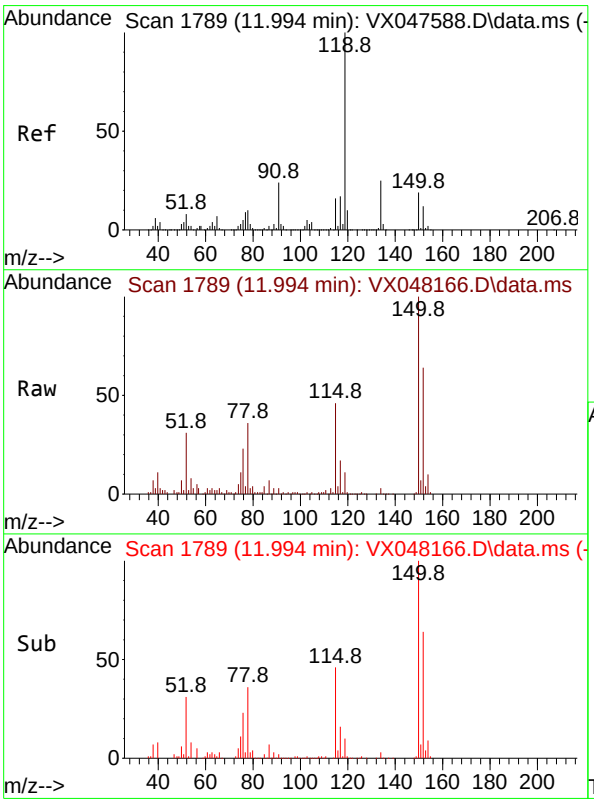
Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.5

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

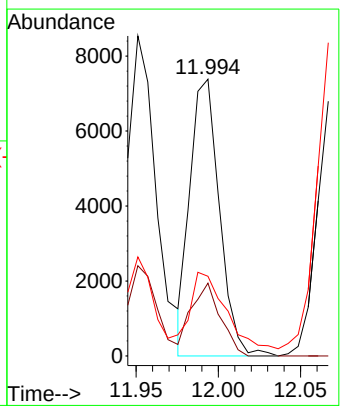


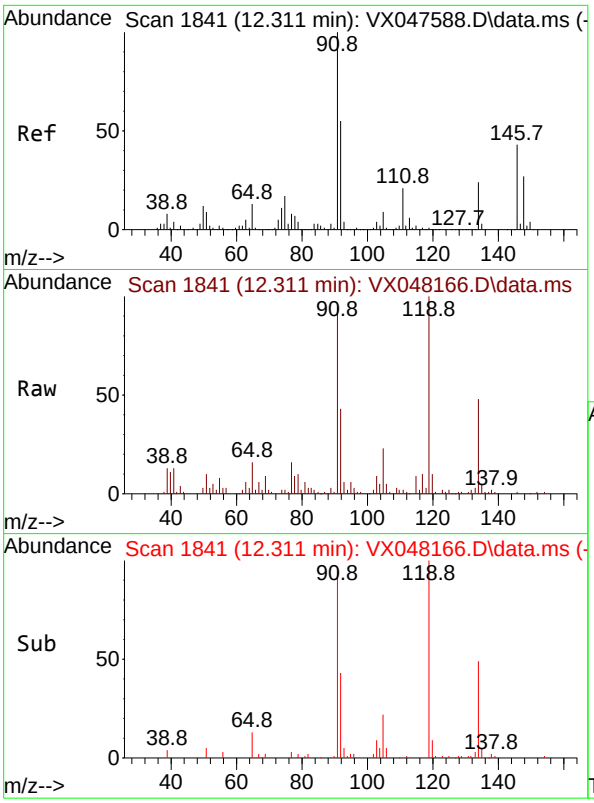


#86
p-Isopropyltoluene
Concen: 1.141 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:119 Resp: 9191

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.8
91	32.9	12.6	37.6

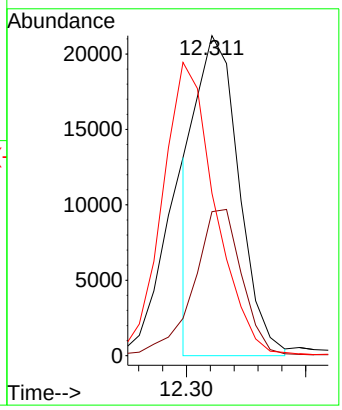




#89
n-Butylbenzene
Concen: 3.596 ug/l m
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 91 Resp: 2681

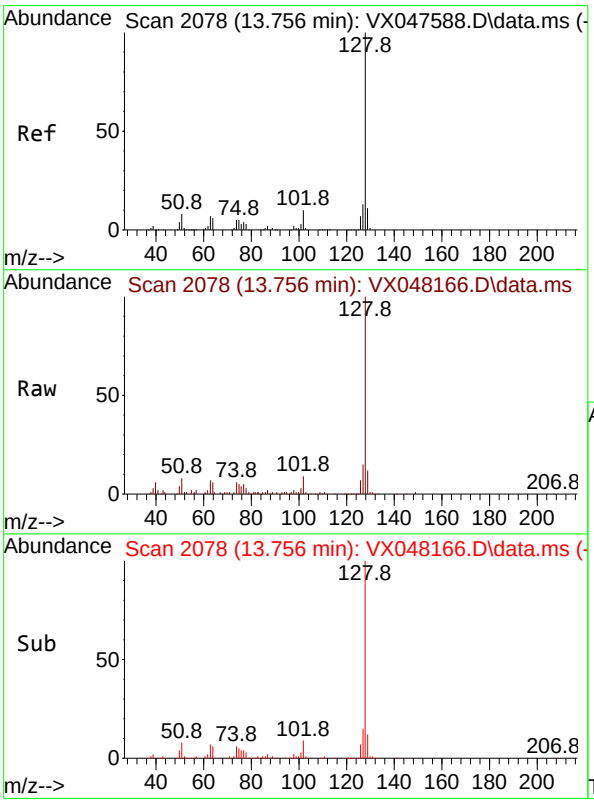
Ion	Ratio	Lower	Upper
91	100		
92	50.5	27.6	82.7
134	110.8	12.6	37.8#



Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

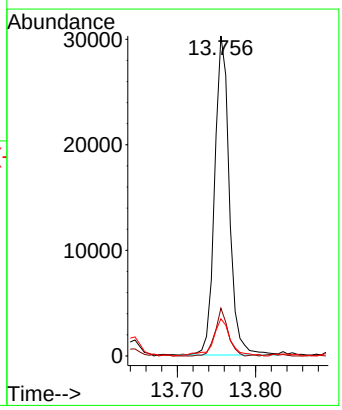
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#95
Naphthalene
Concen: 4.809 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:128 Resp: 39515

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	13.6	8.8	13.2#



Sample Results: **VX048166.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.831	280	286	298	rVB2	26066	59864	6.66%	0.385%
2	3.105	323	331	341	rBV2	19475	50098	5.57%	0.322%
3	3.446	378	387	399	rBV	35686	90505	10.07%	0.582%
4	4.300	519	527	541	rVB2	25628	76306	8.49%	0.491%
5	5.373	692	703	713	rBV2	86218	277619	30.89%	1.785%
6	5.538	713	730	740	rVV3	104911	463888	51.62%	2.983%
7	5.818	765	776	788	rBV3	71966	238484	26.54%	1.534%
8	5.946	788	797	816	rVV	93893	277773	30.91%	1.786%
9	6.147	816	830	839	rVV6	27680	102397	11.39%	0.659%
10	6.239	839	845	855	rVV3	38242	118252	13.16%	0.760%
11	6.348	855	863	876	rVB2	33375	105726	11.76%	0.680%
12	6.598	894	904	919	rBV	97134	255189	28.40%	1.641%
13	6.751	919	929	941	rBV	220018	593732	66.07%	3.818%
14	7.366	1018	1030	1043	rBV	207878	519132	57.77%	3.339%
15	7.482	1043	1049	1054	rBV3	20266	41993	4.67%	0.270%
16	7.549	1054	1060	1070	rVB2	27144	59771	6.65%	0.384%
17	7.647	1070	1076	1087	rVB	29126	62169	6.92%	0.400%
18	7.763	1087	1095	1102	rBV2	32910	69444	7.73%	0.447%
19	7.946	1118	1125	1140	rVB4	31495	109871	12.23%	0.707%
20	8.092	1142	1149	1152	rBV3	23130	48706	5.42%	0.313%
21	8.129	1152	1155	1158	rVV2	18788	30955	3.44%	0.199%
22	8.177	1158	1163	1172	rVV3	32449	72455	8.06%	0.466%
23	8.263	1172	1177	1181	rVV	129087	233496	25.98%	1.502%
24	8.299	1181	1183	1190	rVB3	63789	95687	10.65%	0.615%
25	8.421	1198	1203	1211	rBV	104937	206236	22.95%	1.326%
26	8.494	1211	1215	1224	rVB2	31816	66210	7.37%	0.426%
27	8.586	1224	1230	1233	rBV3	108491	206076	22.93%	1.325%
28	8.635	1233	1238	1249	rVB	501882	870850	96.90%	5.601%
29	8.756	1250	1258	1262	rBV2	45055	84672	9.42%	0.545%
30	8.805	1262	1266	1268	rVV3	21471	35763	3.98%	0.230%
31	8.830	1268	1270	1276	rVB2	31658	46841	5.21%	0.301%
32	8.903	1276	1282	1287	rBV2	68094	120453	13.40%	0.775%
33	8.964	1287	1292	1304	rVB3	71676	154015	17.14%	0.990%
34	9.086	1304	1312	1318	rBV	49363	100608	11.20%	0.647%
35	9.147	1318	1322	1326	rBV2	34493	51560	5.74%	0.332%
36	9.372	1354	1359	1363	rBV	58076	91719	10.21%	0.590%

Sample Results: **VX048166.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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_X\Method\82X091625W.M
Title : SW846 8260

37	9.488	1373	1378	1384	rBV3	70034	145821	16.23%	0.938%
38	9.549	1384	1388	1392	rVB	90794	128123	14.26%	0.824%
39	9.604	1392	1397	1401	rBV2	70274	119458	13.29%	0.768%
40	9.744	1415	1420	1426	rBV3	37669	65763	7.32%	0.423%
41	9.811	1426	1431	1435	rVV3	55428	116003	12.91%	0.746%
42	9.848	1435	1437	1440	rVV3	28917	44160	4.91%	0.284%
43	9.890	1440	1444	1448	rVV	162376	241722	26.90%	1.555%
44	9.994	1456	1461	1464	rVV	148926	202183	22.50%	1.300%
45	10.037	1464	1468	1474	rVV	540482	762776	84.88%	4.906%
46	10.110	1478	1480	1484	rVV	27490	42884	4.77%	0.276%
47	10.177	1486	1491	1497	rVV	187286	278701	31.01%	1.792%
48	10.256	1497	1504	1507	rVV5	45050	101134	11.25%	0.650%
49	10.293	1507	1510	1515	rVV3	72666	132089	14.70%	0.849%
50	10.342	1515	1518	1529	rVB4	41587	104989	11.68%	0.675%
51	10.439	1529	1534	1543	rBV6	22877	44545	4.96%	0.286%
52	10.567	1549	1555	1563	rVB3	70924	129095	14.37%	0.830%
53	10.652	1563	1569	1575	rBV2	39394	73846	8.22%	0.475%
54	10.762	1579	1587	1591	rBV2	123489	198644	22.10%	1.278%
55	10.841	1591	1600	1604	rVV3	90377	169061	18.81%	1.087%
56	10.878	1604	1606	1611	rVB	37365	45860	5.10%	0.295%
57	10.945	1611	1617	1621	rBV	63830	95467	10.62%	0.614%
58	11.012	1625	1628	1631	rVV	47600	63901	7.11%	0.411%
59	11.067	1631	1637	1648	rVB3	534936	898666	100.00%	5.779%
60	11.177	1648	1655	1657	rBV	83978	122258	13.60%	0.786%
61	11.201	1657	1659	1663	rVB4	34908	39787	4.43%	0.256%
62	11.287	1669	1673	1677	rBV	147701	182084	20.26%	1.171%
63	11.384	1683	1689	1692	rBV	91734	133291	14.83%	0.857%
64	11.433	1692	1697	1701	rVV	131357	183790	20.45%	1.182%
65	11.597	1720	1724	1731	rVV3	41253	85347	9.50%	0.549%
66	11.664	1731	1735	1738	rVV2	26760	36099	4.02%	0.232%
67	11.701	1738	1741	1743	rVV	60826	72768	8.10%	0.468%
68	11.738	1743	1747	1757	rVB	88614	155082	17.26%	0.997%
69	11.872	1766	1769	1773	rVV	49293	66814	7.43%	0.430%
70	11.927	1773	1778	1780	rVV2	42722	63902	7.11%	0.411%
71	11.951	1780	1782	1785	rVV2	41238	50603	5.63%	0.325%
72	12.006	1785	1791	1797	rVV	600002	871244	96.95%	5.603%
73	12.067	1797	1801	1809	rVV	219261	364849	40.60%	2.346%
74	12.152	1813	1815	1822	rVB2	42469	58938	6.56%	0.379%
75	12.225	1822	1827	1834	rBV3	173600	305026	33.94%	1.962%
76	12.299	1834	1839	1846	rVB3	203266	332245	36.97%	2.137%

Sample Results: **VX048166.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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_X\Method\82X091625W.M
Title : SW846 8260

77	12.402	1847	1856	1860	rVV7	23838	65344	7.27%	0.420%
78	12.445	1860	1863	1869	rVB	73380	101857	11.33%	0.655%
79	12.512	1870	1874	1881	rBV	58796	109510	12.19%	0.704%
80	12.591	1883	1887	1891	rVV	185566	251858	28.03%	1.620%
81	12.628	1891	1893	1897	rVV	32700	37179	4.14%	0.239%
82	12.676	1897	1901	1910	rVB3	95681	189842	21.12%	1.221%
83	12.829	1923	1926	1929	rVV2	37078	43690	4.86%	0.281%
84	12.902	1934	1938	1942	rVV	95395	133577	14.86%	0.859%
85	12.945	1942	1945	1951	rVB	98222	141621	15.76%	0.911%
86	13.024	1951	1958	1961	rBV4	41743	87356	9.72%	0.562%
87	13.146	1971	1978	1982	rBV3	85338	124895	13.90%	0.803%
88	13.237	1989	1993	1995	rBV2	24274	39474	4.39%	0.254%
89	13.274	1995	1999	2004	rVB2	161014	218299	24.29%	1.404%
90	13.353	2009	2012	2016	rVV2	23488	35291	3.93%	0.227%
91	13.402	2016	2020	2029	rVB3	33015	68353	7.61%	0.440%
92	13.487	2029	2034	2036	rBV2	22275	32381	3.60%	0.208%
93	13.524	2036	2040	2043	rVV	40269	51677	5.75%	0.332%
94	13.560	2043	2046	2053	rVV4	43579	84730	9.43%	0.545%
95	13.646	2057	2060	2065	rVV2	36523	59698	6.64%	0.384%
96	13.756	2074	2078	2085	rVV	62710	84909	9.45%	0.546%
97	13.902	2096	2102	2107	rBV4	20720	39882	4.44%	0.256%
98	14.054	2123	2127	2135	rBV	25351	32084	3.57%	0.206%
99	14.195	2144	2150	2156	rBV	23478	33560	3.73%	0.216%
100	14.615	2212	2219	2224	rBV	48686	64666	7.20%	0.416%

Sum of corrected areas: 15549266

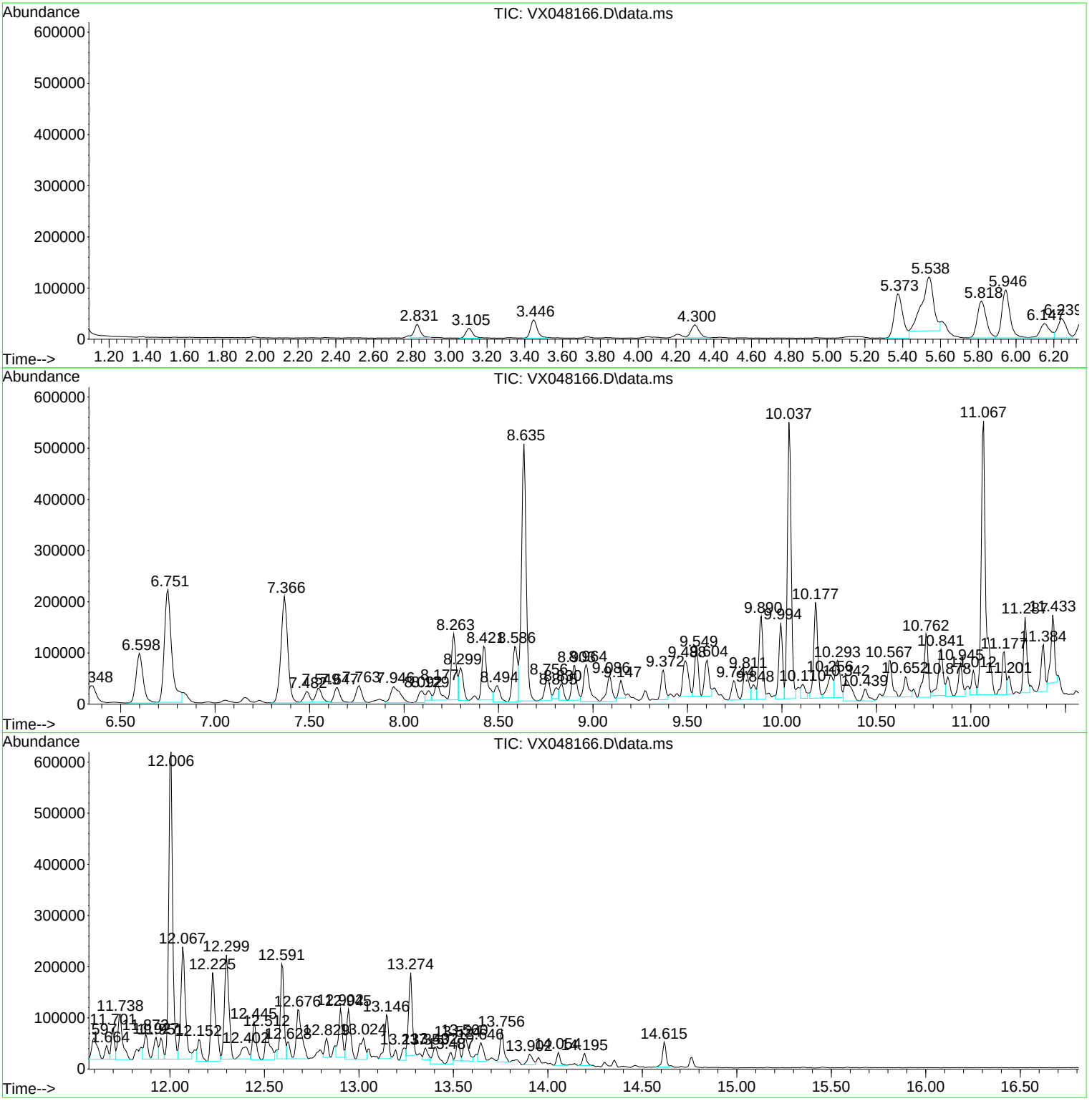
Sample Results: **VX048166.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

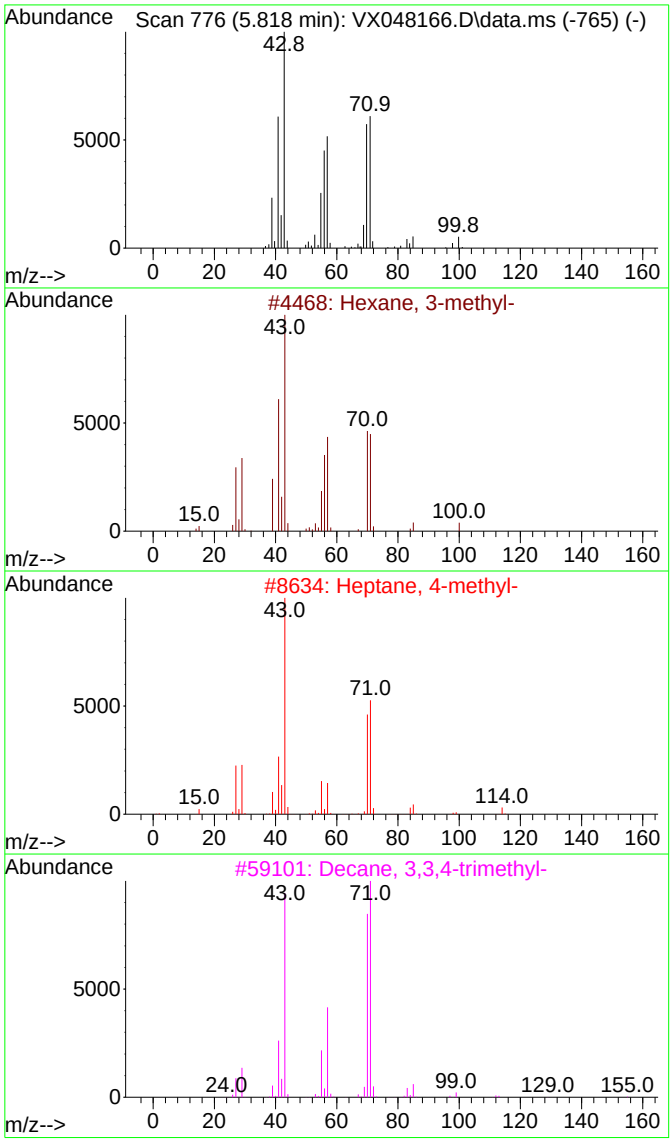
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

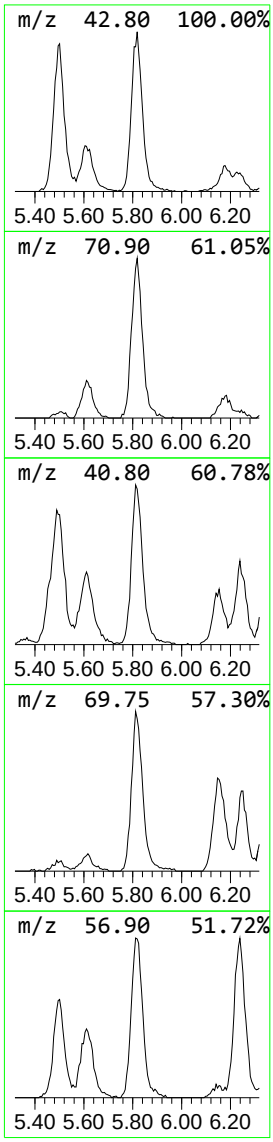
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	25.70 ug/l	238484	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Heptane	100	C7H16	000142-82-5	52
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

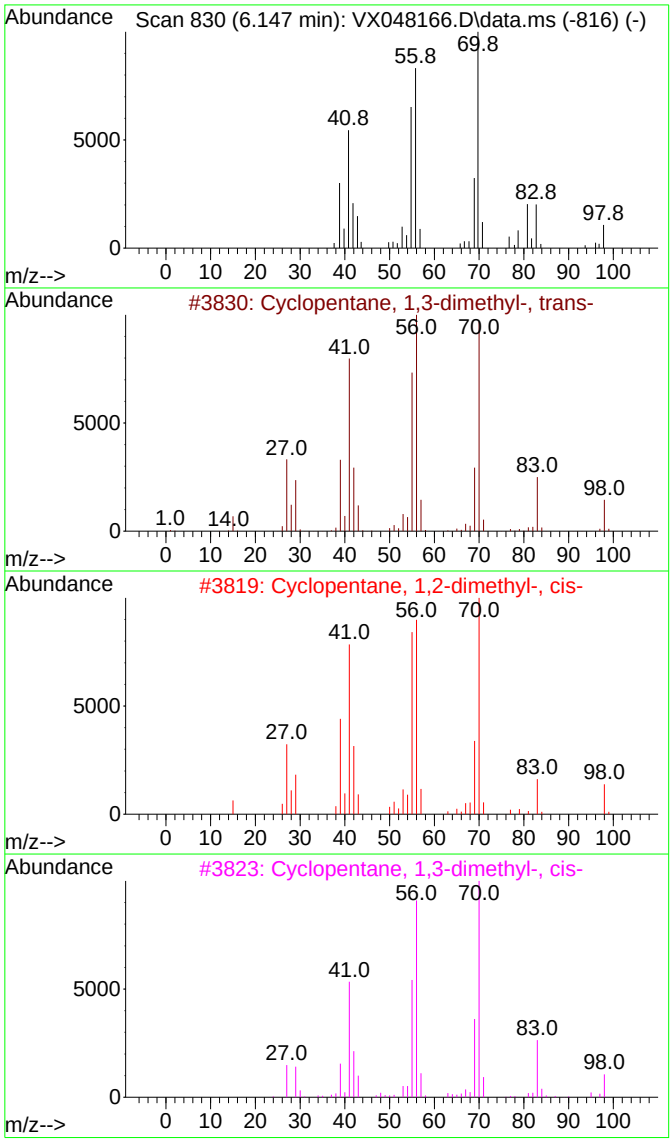
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

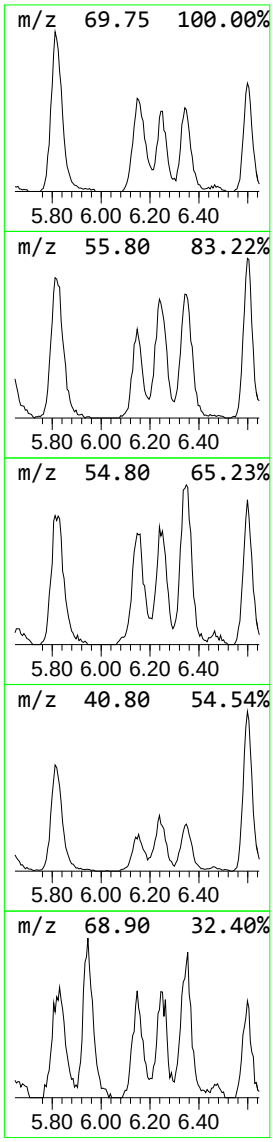
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,3-dimethyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.147	11.04 ug/l	102397	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	83
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

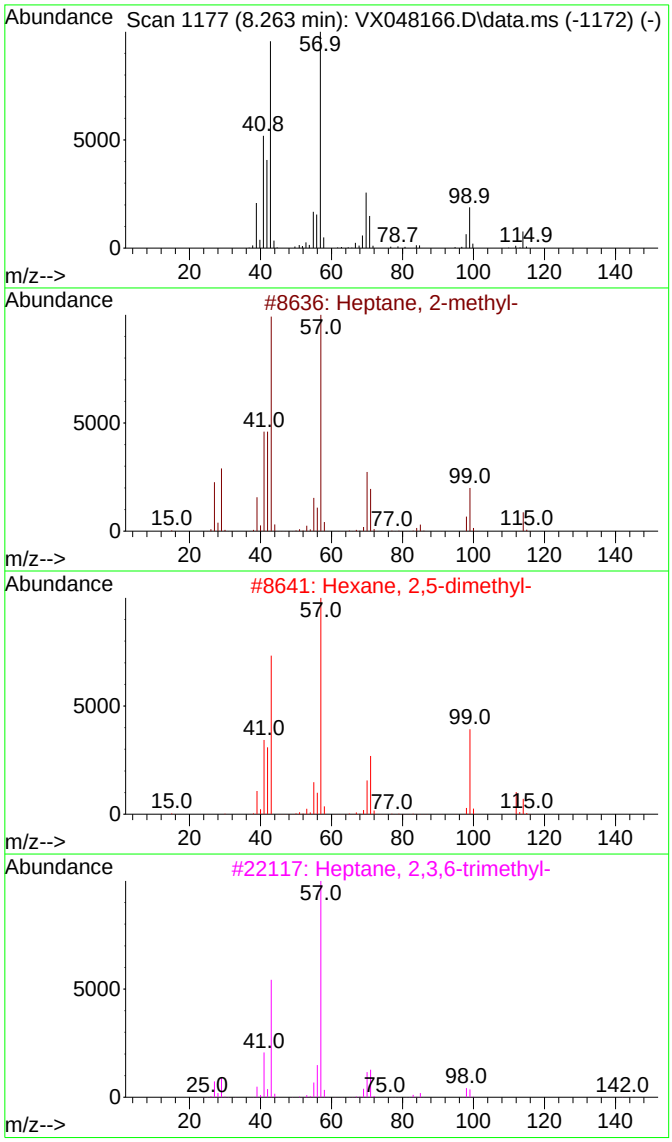
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

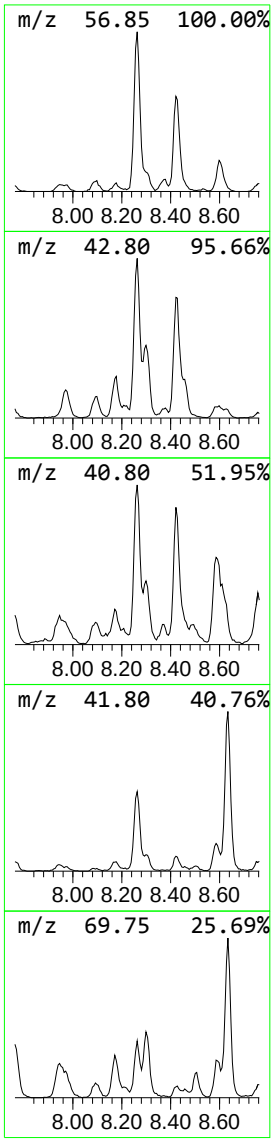
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	19.66 ug/l	233496	1,4-Difluorobenzene	6.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

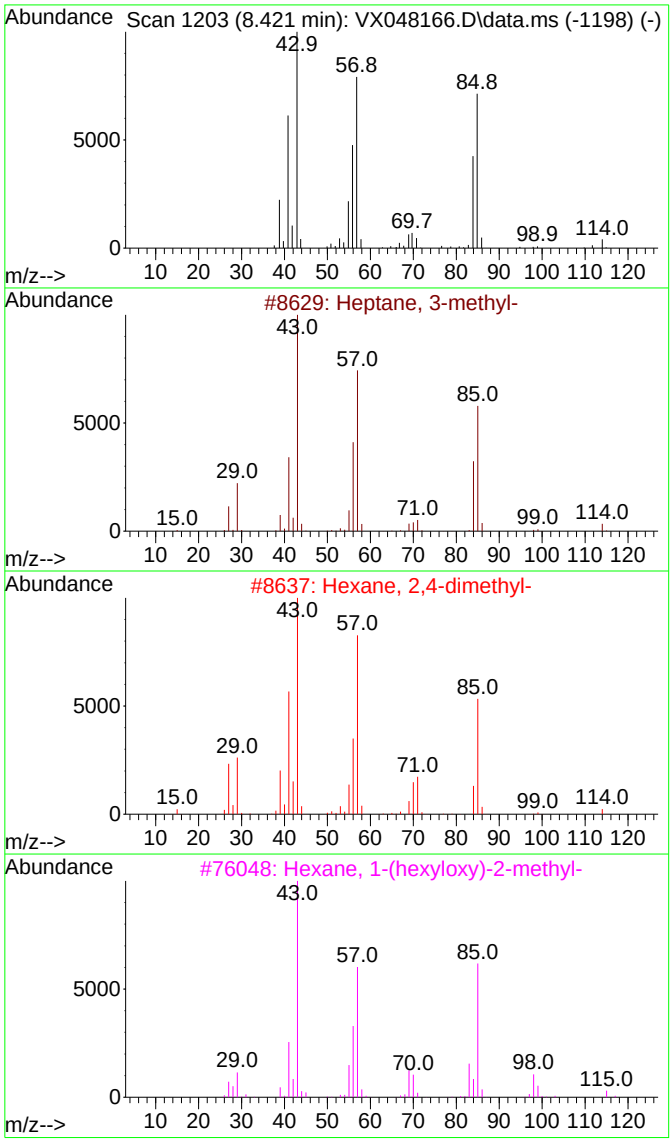
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

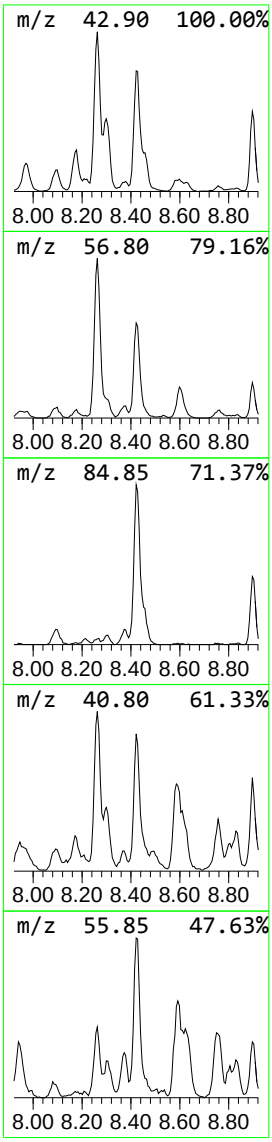
****

Peak Number 6 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.421	13.52 ug/l	206236	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

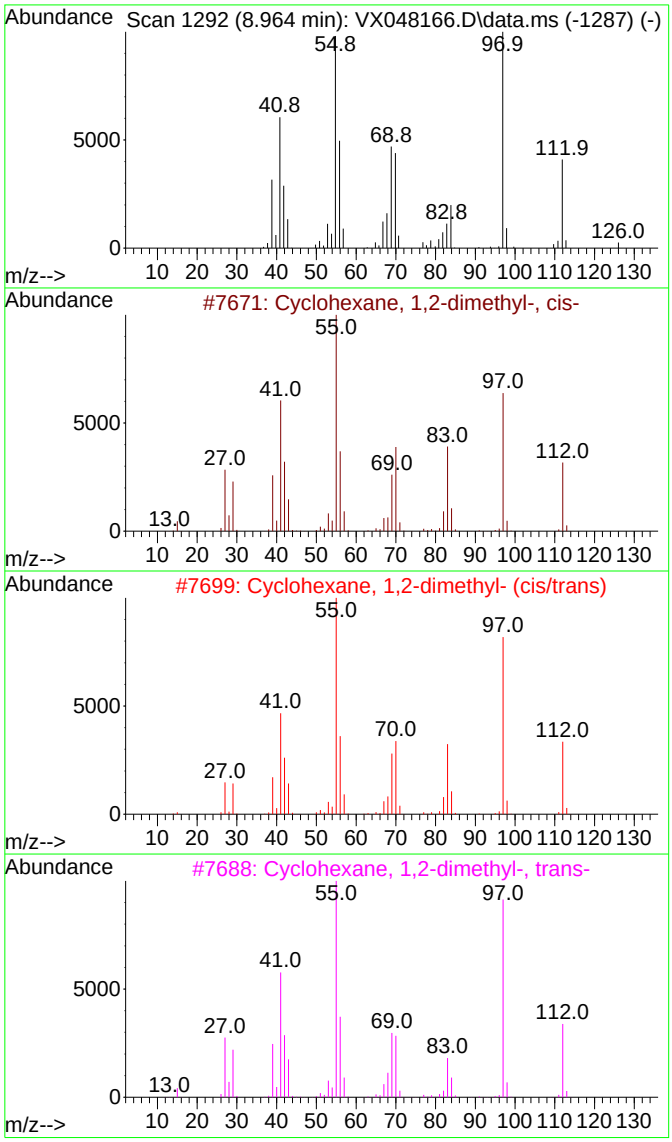
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

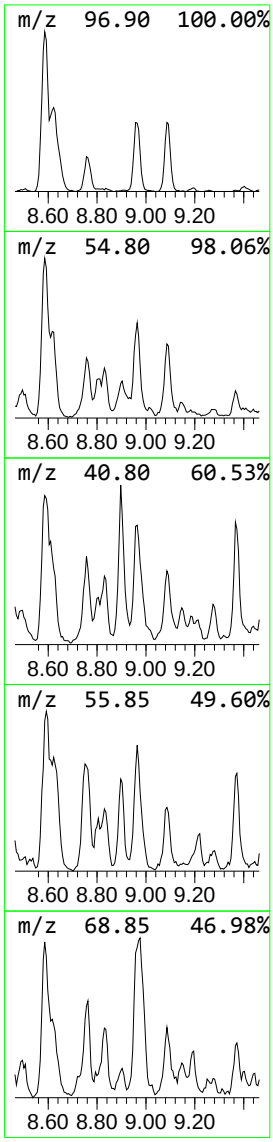
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.964	10.10 ug/l	154015	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
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Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

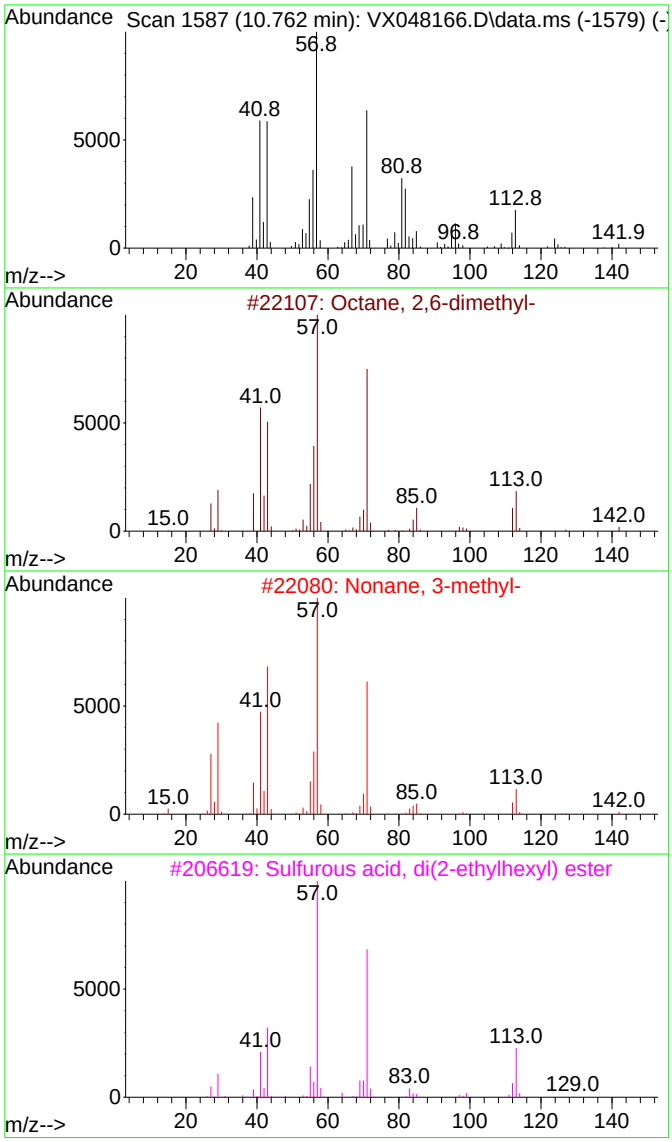
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

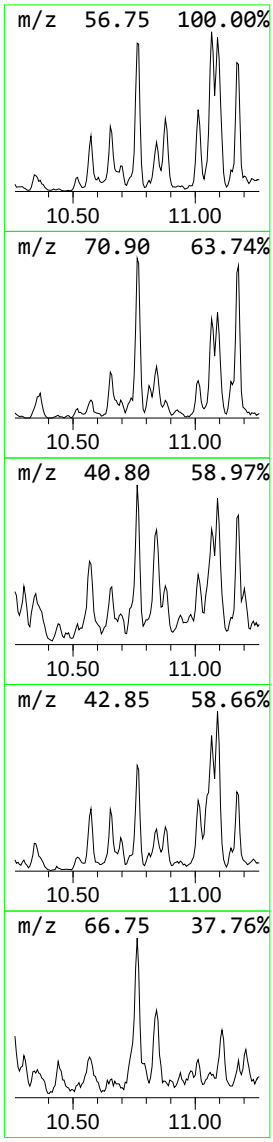
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	13.02 ug/l	198644	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	38
5	3-Bromooctane	192	C8H17Br	000999-64-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

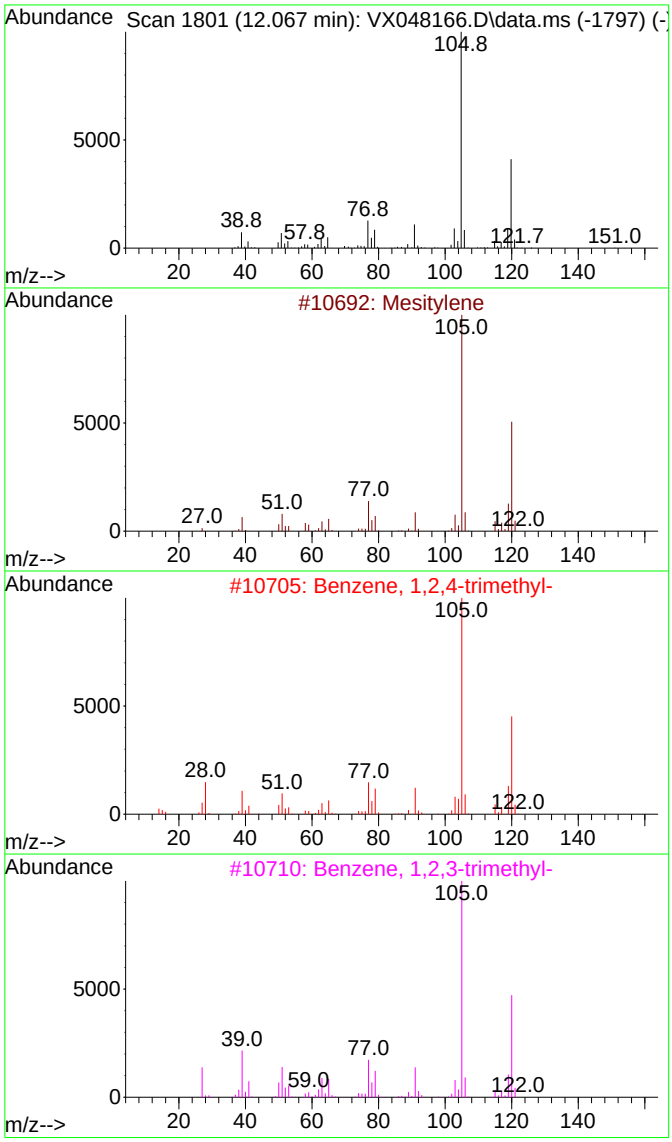
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

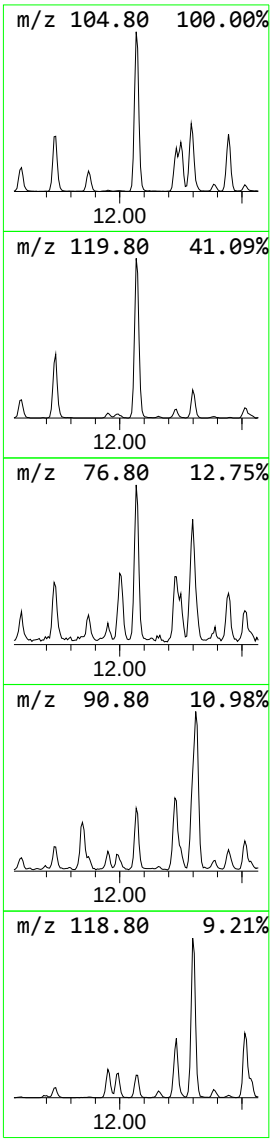
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.067	20.94 ug/l	364849	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

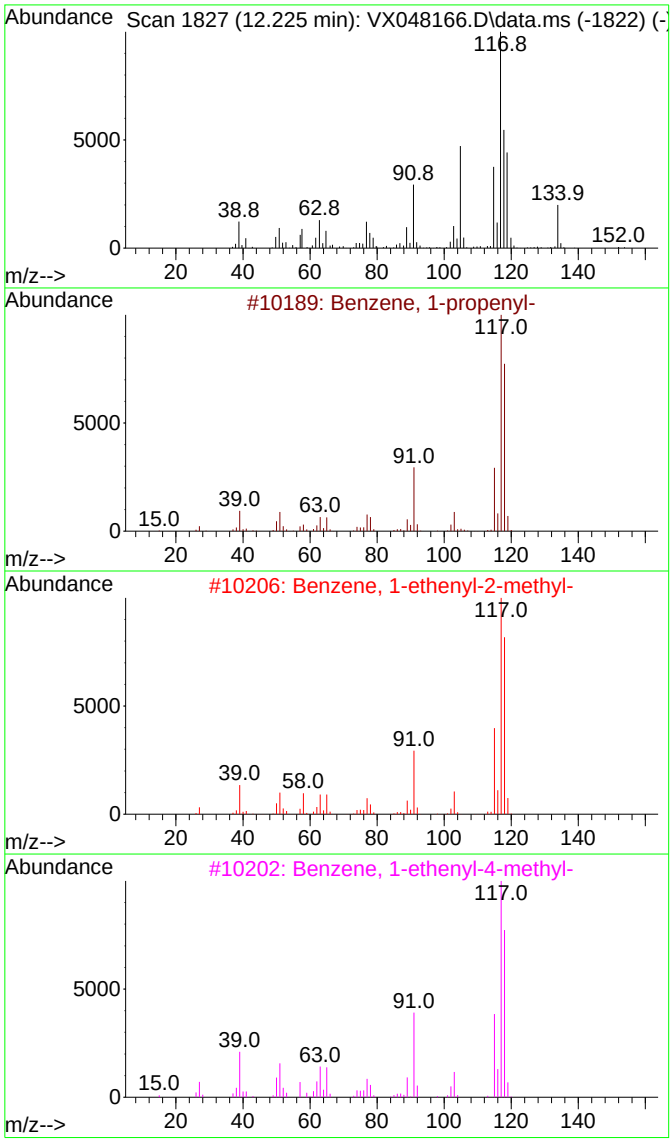
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

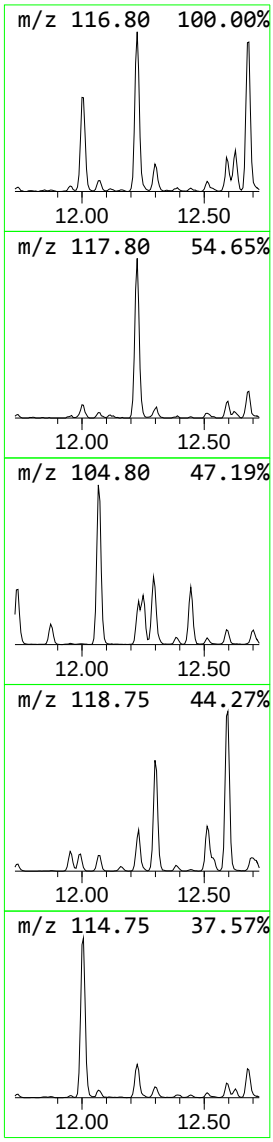
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.225	17.51 ug/l	305026	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	78
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

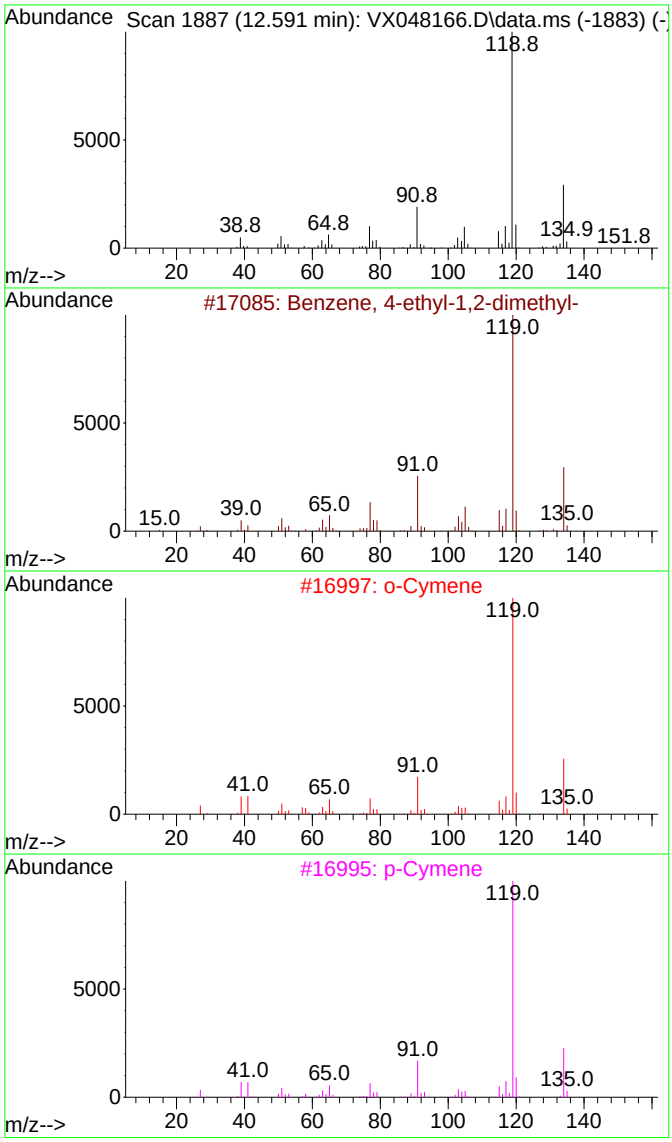
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

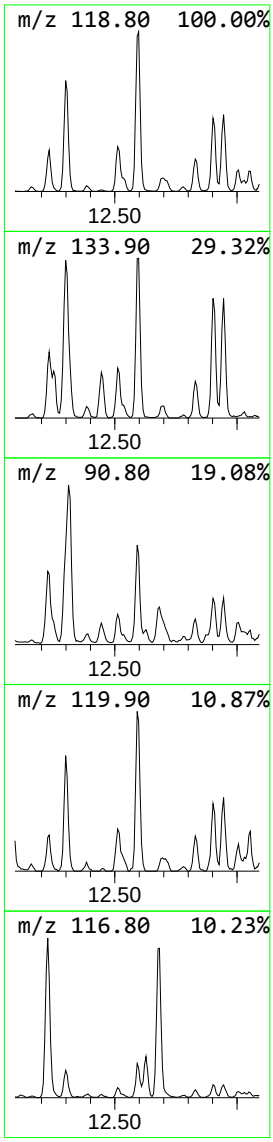
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	14.45 ug/l	251858	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

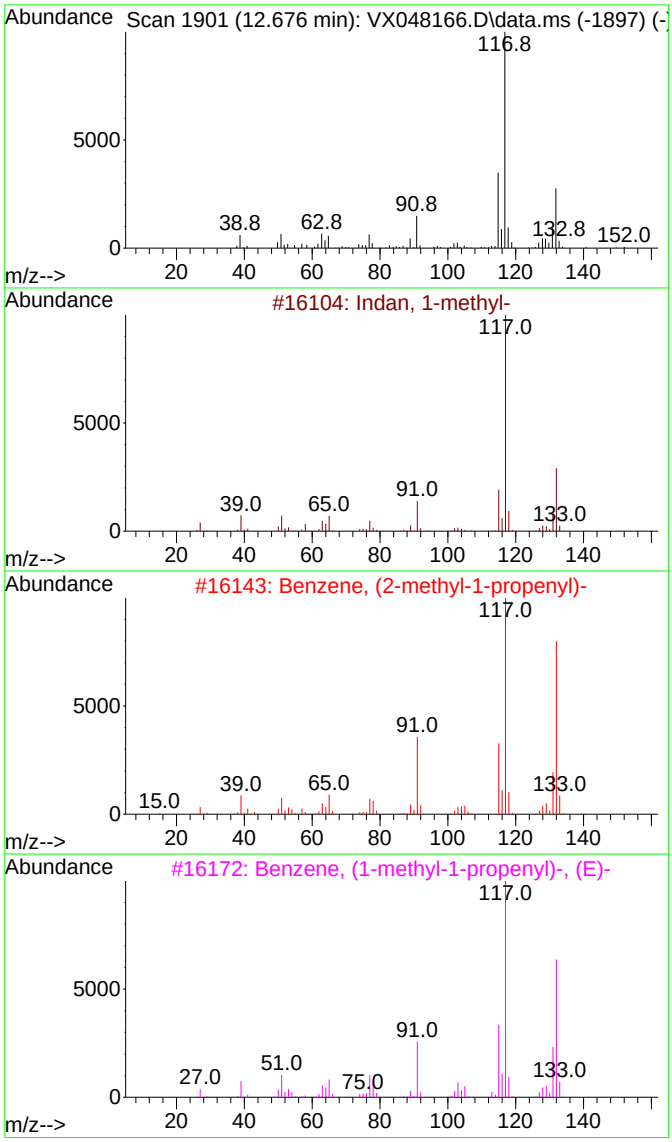
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

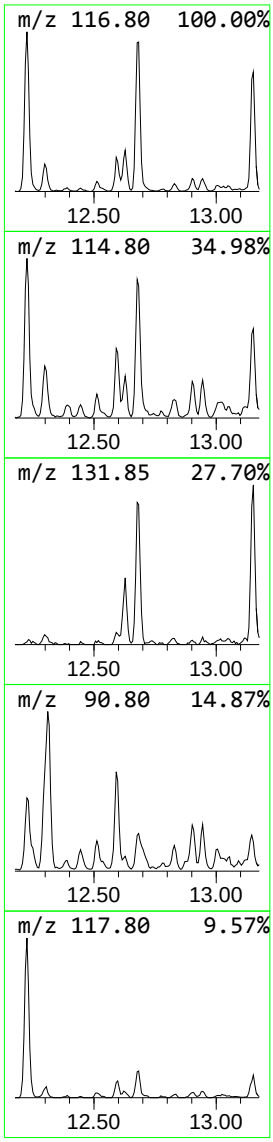
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Indan, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	10.89 ug/l	189842	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

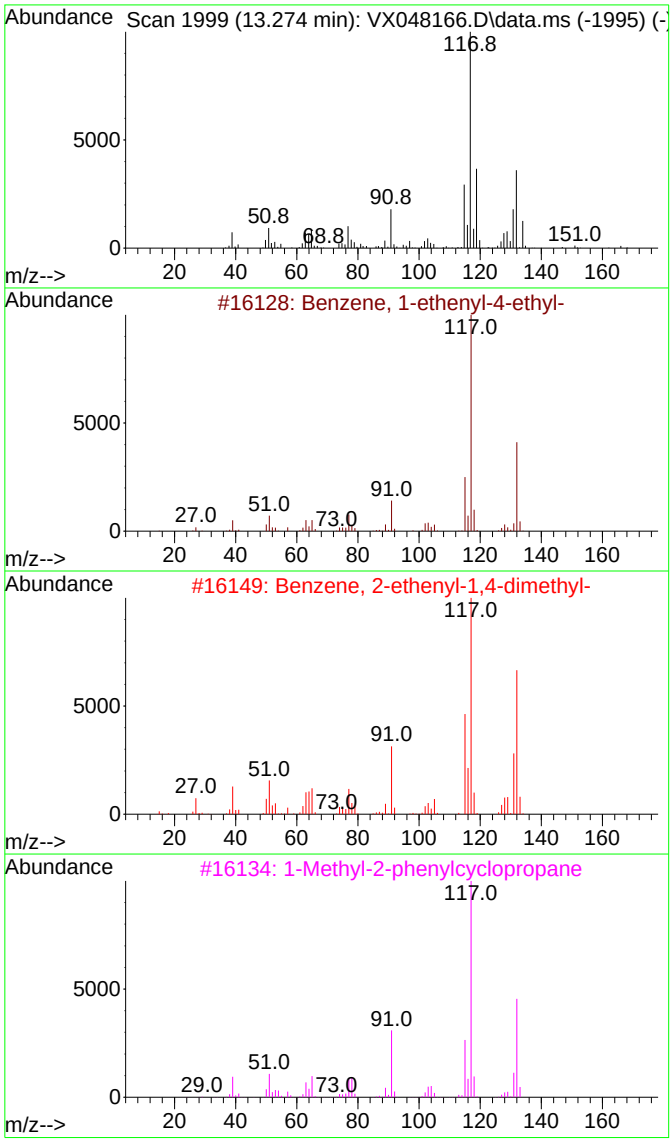
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

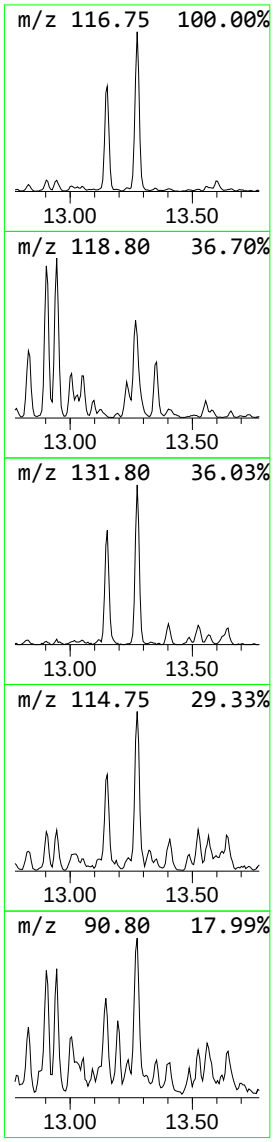
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	12.53 ug/l	218299	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Sample Results: **VX048166.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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
Hexane, 3-methyl-	5.818	25.7	ug/l	238484	1	5.544	463888	50.0
Cyclopentane, 1...	6.147	11.0	ug/l	102397	1	5.544	463888	50.0
Heptane, 2-methyl-	8.263	19.7	ug/l	233496	2	6.751	593732	50.0
Heptane, 3-methyl-	8.421	13.5	ug/l	206236	3	10.037	762776	50.0
Cyclohexane, 1,...	8.964	10.1	ug/l	154015	3	10.037	762776	50.0
Octane, 2,6-dim...	10.762	13.0	ug/l	198644	3	10.037	762776	50.0
Benzene, 1,2,4-...	12.067	20.9	ug/l	364849	4	12.006	871244	50.0
Benzene, 1-ethe...	12.225	17.5	ug/l	305026	4	12.006	871244	50.0
Benzene, 4-ethy...	12.591	14.4	ug/l	251858	4	12.006	871244	50.0
Indan, 1-methyl-	12.677	10.9	ug/l	189842	4	12.006	871244	50.0
Benzene, 1-ethe...	13.274	12.5	ug/l	218299	4	12.006	871244	50.0

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3276

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2

* 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: GENV01

Lab Code: ACE SDG No.: Q3276

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025
Response Via : Initial Calibration

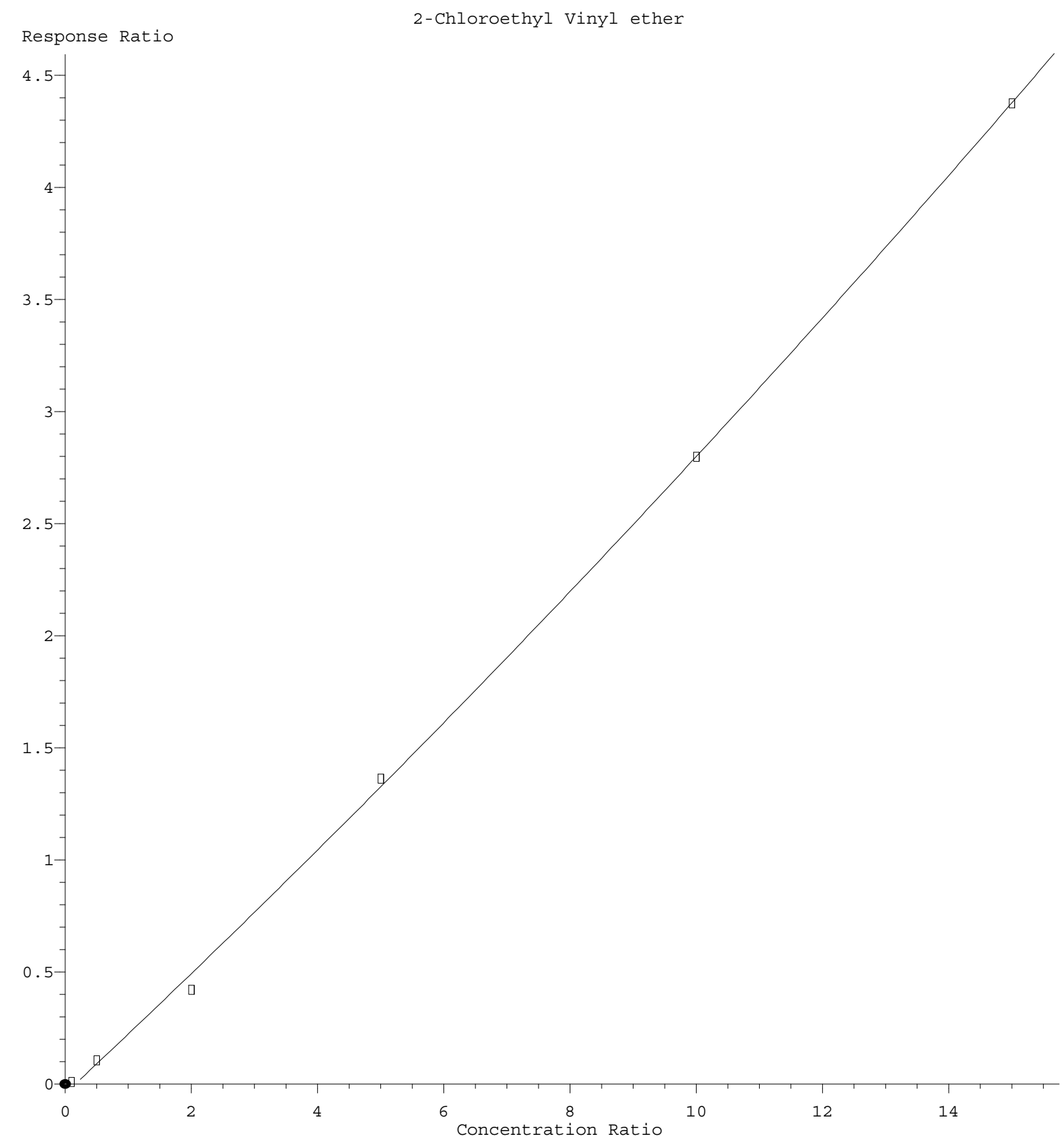
Calibration Files
1 =VX047585.D 5 =VX047586.D 20 =VX047587.D 50 =VX047588.D 100 =VX047589.D 150 =VX047590.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10.01
3)	P	Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.92
4)	C	Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.87#
5)	T	Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15.01
6)	T	Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.36
7)	T	Trichlorofluor...	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.49
8)	T	Diethyl Ether	0.372	0.405	0.413	0.409	0.420	0.409	0.405	4.17
9)	T	1,1,2-Trichlor...	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.21
10)	T	Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.85
11)	T	Tert butyl alc...		0.085	0.086	0.089	0.090	0.094	0.089	4.18
12)	CM	1,1-Dichloroet...	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.71#
13)	T	Acrolein		0.071	0.069	0.082	0.089	0.097	0.082	14.59
14)	T	Allyl chloride	1.194	1.267	1.249	1.211	1.226	1.207	1.226	2.25
15)	T	Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.82
16)	T	Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.67
17)	T	Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.80
18)	T	Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.39
19)	T	Methyl tert-bu...	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.47
20)	T	Methylene Chlo...	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.45
21)	T	trans-1,2-Dich...	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.28
22)	T	Diisopropyl ether	1.976	2.531	2.487	2.477	2.398	2.384	2.376	8.56
23)	T	Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.41
24)	P	1,1-Dichloroet...	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.81
25)	T	2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	8.98
26)	T	2,2-Dichloropr...	0.945	1.096	1.074	1.068	1.055	1.060	1.050	5.06
27)	T	cis-1,2-Dichlo...	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.41
28)	T	Bromochloromet...	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.18
29)	T	Tetrahydrofuran	0.211	0.269	0.272	0.275	0.262	0.268	0.260	9.24
30)	C	Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.72#
31)	T	Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.08
32)	T	1,1,1-Trichlor...	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.33
33)	S	1,2-Dichloroet...		0.884	0.647	0.770	0.815	0.863	0.796	11.82
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.356	0.266	0.331	0.355	0.368	0.335	12.25
36)	T	1,1-Dichloropr...	0.484	0.520	0.508	0.487	0.471	0.469	0.490	4.15
37)	T	Ethyl Acetate	0.429	0.561	0.554	0.532	0.533	0.539	0.525	9.21
38)	T	Carbon Tetrach...	0.482	0.574	0.555	0.539	0.526	0.518	0.532	5.99
39)	T	Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.60
40)	TM	Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.11
41)	T	Methacrylonitrile	0.236	0.264	0.286	0.286	0.282	0.271	0.271	7.13
42)	TM	1,2-Dichloroet...	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.76
43)	T	Isopropyl Acetate	0.751	0.882	0.889	0.897	0.865	0.879	0.860	6.34
44)	TM	Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.92
45)	C	1,2-Dichloropr...	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.37#
46)	T	Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.54
47)	T	Bromodichlorom...	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.65
48)	T	Methyl methacr...	0.372	0.421	0.447	0.449	0.436	0.446	0.429	6.97
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.005	0.005	0.005	0.004	19.43
50)	S	Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.10
51)	T	4-Methyl-2-Pen...	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.28
52)	CM	Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.22#
53)	T	t-1,3-Dichloro...	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.33
54)	T	cis-1,3-Dichlo...	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.74
55)	T	1,1,2-Trichlor...	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.10
56)	T	Ethyl methacry...	0.407	0.563	0.587	0.599	0.580	0.595	0.555	13.25

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M

57)	T	1,3-Dichloropr...	0.507	0.648	0.636	0.638	0.607	0.609	0.607	8.51
58)	T	2-Chloroethyl ...	0.094	0.212	0.210	0.272	0.280	0.292	0.227	32.65
59)	T	2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.82
60)	T	Dibromochlorom...	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.49
61)	T	1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.10
62)	S	4-Bromofluorob...		0.478	0.360	0.427	0.452	0.484	0.440	11.42
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6.03
65)	PM	Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.18
66)	T	1,1,1,2-Tetrac...	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.26
67)	C	Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.57#
68)	T	m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.77
69)	T	o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.13
70)	T	Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.70
71)	P	Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.37
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.94
74)	T	N-amyl acetate	1.277	1.726	1.851	1.862	1.834	1.850	1.733	13.21
75)	P	1,1,2,2-Tetrac...	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.16
76)	T	1,2,3-Trichlor...	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.13
77)	T	Bromobenzene	0.760	0.964	0.992	0.988	0.960	0.954	0.936	9.38
78)	T	n-propylbenzene	3.680	4.667	4.739	4.792	4.581	4.504	4.494	9.17
79)	T	2-Chlorotoluene	2.276	2.859	2.935	2.915	2.798	2.730	2.752	8.91
80)	T	1,3,5-Trimethy...	2.458	3.235	3.311	3.343	3.221	3.171	3.123	10.62
81)	T	trans-1,4-Dich...		0.347	0.381	0.414	0.420	0.424	0.397	8.31
82)	T	4-Chlorotoluene	2.754	3.347	3.410	3.433	3.285	3.275	3.251	7.74
83)	T	tert-Butylbenzene	2.800	3.223	3.346	3.359	3.240	3.215	3.197	6.39
84)	T	1,2,4-Trimethy...	2.522	3.302	3.381	3.344	3.234	3.216	3.166	10.17
85)	T	sec-Butylbenzene	3.110	4.001	3.945	4.028	3.867	3.834	3.797	9.09
86)	T	p-Isopropyltol...	2.660	3.372	3.371	3.419	3.263	3.205	3.215	8.81
87)	T	1,3-Dichlorobe...	1.462	1.800	1.829	1.817	1.768	1.758	1.739	7.95
88)	T	1,4-Dichlorobe...	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.47
89)	T	n-Butylbenzene	2.429	3.070	3.114	3.139	3.098	2.999	2.975	9.14
90)	T	Hexachloroethane	0.434	0.565	0.574	0.593	0.606	0.614	0.564	11.81
91)	T	1,2-Dichlorobe...	1.359	1.691	1.757	1.746	1.696	1.692	1.657	8.97
92)	T	1,2-Dibromo-3-...	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.07
93)	T	1,2,4-Trichlor...	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.34
94)	T	Hexachlorobuta...	0.341	0.377	0.361	0.384	0.377	0.354	0.366	4.51
95)	T	Naphthalene	2.503	3.153	3.410	3.539	3.496	3.571	3.279	12.46
96)	T	1,2,3-Trichlor...	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.72

(#) = Out of Range



R = 2.100e-003 A*A + 2.631e-001 A - 4.158e-002
Coef of Det (r^2) = 0.999517 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X091625W.M
Calibration Table Last Updated: Wed Sep 17 06:39:58 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l		96
3) Chloromethane	1.300	50	3006	0.897	ug/l	#	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l		95
6) Chloroethane	1.697	64	2134	0.973	ug/l		95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l		88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l		93
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
14) Allyl chloride	2.666	41	5885	0.974	ug/l		94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l		97
16) Acetone	2.380	43	8444	4.953	ug/l		99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l	#	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l	#	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l		93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l		95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l	#	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l		97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l		95
25) 2-Butanone	4.550	43	9105	4.281	ug/l	#	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l		77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l		96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l	#	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l		98
30) Chloroform	5.074	83	5093	0.810	ug/l		86
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l	#	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l	#	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l	#	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l		95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l		94
40) Benzene	6.025	78	12012	0.894	ug/l		98
41) Methacrylonitrile	4.903	41	2128	0.870	ug/l	#	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906	ug/l		80
43) Isopropyl Acetate	6.318	43	6784	0.873	ug/l		94
44) Trichloroethene	7.110	130	2677	0.824	ug/l		78
45) 1,2-Dichloropropane	7.415	63	2945	0.856	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.574	93	2240	0.895	ug/l		94
47) Bromodichloromethane	7.805	83	4167	0.806	ug/l	#	92
48) Methyl methacrylate	7.683	41	3355	0.867	ug/l	#	87
49) 1,4-Dioxane	7.653	88	488m	12.477	ug/l		
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085	ug/l		95
52) Toluene	8.708	92	7595	0.917	ug/l		92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834	ug/l	#	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823	ug/l	#	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914	ug/l		95
56) Ethyl methacrylate	9.104	69	3679	0.734	ug/l	#	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665	ug/l		99
59) 2-Hexanone	9.415	43	12385	4.003	ug/l		98
60) Dibromochloromethane	9.506	129	2903	0.789	ug/l		87
61) 1,2-Dibromoethane	9.592	107	2596	0.798	ug/l		96
64) Tetrachloroethene	9.256	164	2457	0.917	ug/l		83
65) Chlorobenzene	10.061	112	8202	0.879	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833	ug/l	#	66
67) Ethyl Benzene	10.177	91	13360	0.829	ug/l		98
68) m/p-Xylenes	10.287	106	9922	1.655	ug/l		99
69) o-Xylene	10.622	106	4734	0.816	ug/l		94
70) Styrene	10.640	104	8377	0.824	ug/l		96
71) Bromoform	10.787	173	1816	0.755	ug/l	#	94
73) Isopropylbenzene	10.945	105	12618	0.822	ug/l		96
74) N-amyl acetate	10.829	43	5159	0.737	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839	ug/l		96
76) 1,2,3-Trichloropropane	11.225	75	3421m	0.816	ug/l		
77) Bromobenzene	11.183	156	3069	0.811	ug/l		98
78) n-propylbenzene	11.286	91	14866	0.819	ug/l		99
79) 2-Chlorotoluene	11.347	91	9195	0.827	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787	ug/l		99
82) 4-Chlorotoluene	11.439	91	11123	0.847	ug/l		95
83) tert-Butylbenzene	11.695	119	11311	0.876	ug/l		97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796	ug/l		100
85) sec-Butylbenzene	11.872	105	12561	0.819	ug/l		99
86) p-Isopropyltoluene	11.994	119	10744	0.827	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	6341m	0.880	ug/l		
89) n-Butylbenzene	12.317	91	9811	0.816	ug/l		97
90) Hexachloroethane	12.524	117	1752	0.768	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742	ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772	ug/l		95
94) Hexachlorobutadiene	13.707	225	1378	0.933	ug/l		93
95) Naphthalene	13.756	128	10112	0.763	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752	ug/l		98

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

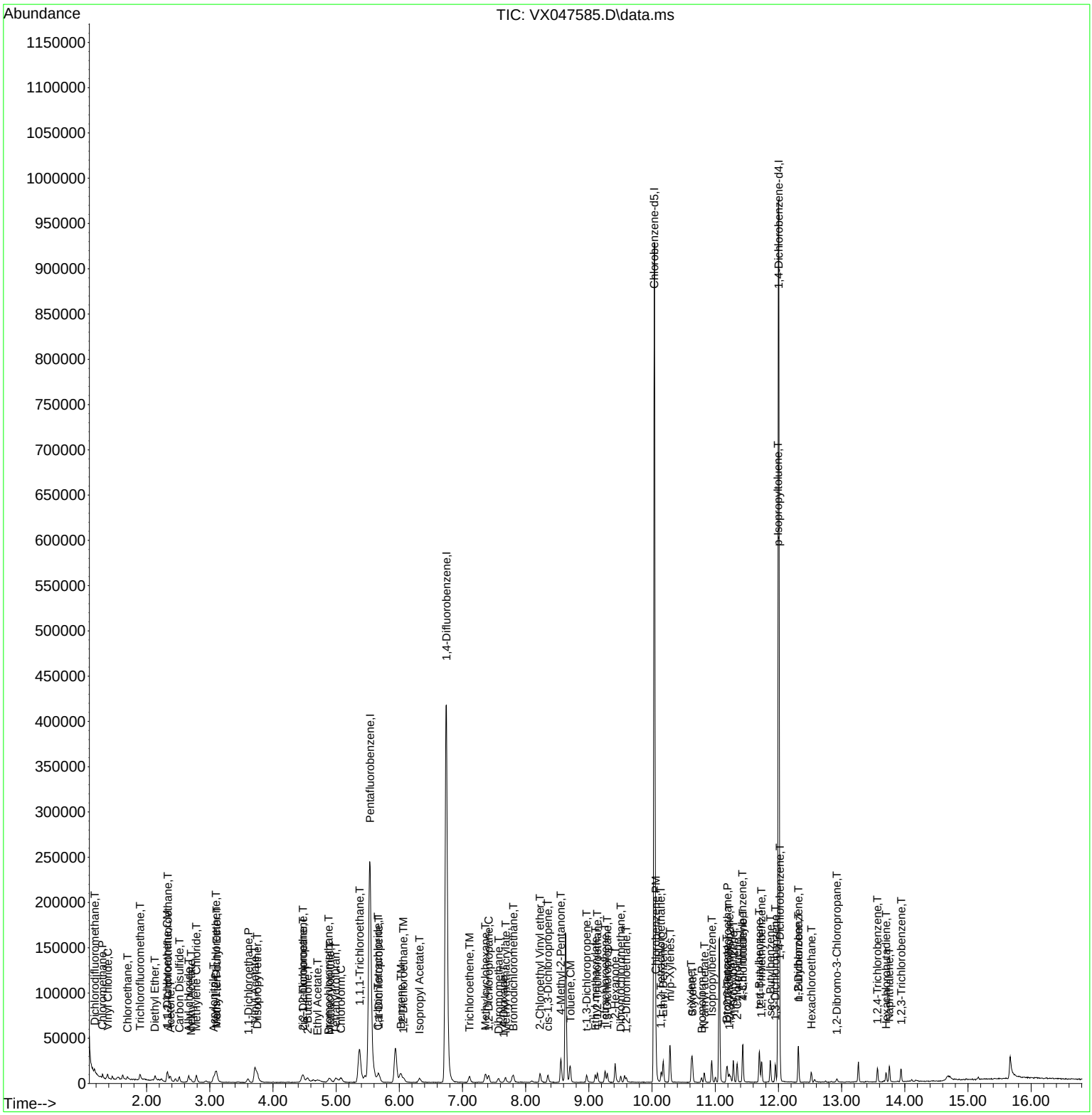
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l		95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l		99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l		99
44) Trichloroethene	7.111	130	13576	5.314	ug/l		97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l		99
46) Dibromomethane	7.568	93	10133	5.146	ug/l		99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l		99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l		99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l		100
52) Toluene	8.702	92	34314	5.271	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l		91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l		97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l		98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l		99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l		95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l		98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l		97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l		99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l		100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l		99
69) o-Xylene	10.628	106	23300	5.204	ug/l		98
70) Styrene	10.640	104	40872	5.210	ug/l		99
71) Bromoform	10.781	173	9298	5.006	ug/l	#	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l		100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	15982m	4.927	ug/l		
77) Bromobenzene	11.183	156	15066	5.150	ug/l		99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l		100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l		91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l		100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l		100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l		99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l		93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l		99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l		98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l		99
95) Naphthalene	13.756	128	49257	4.808	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

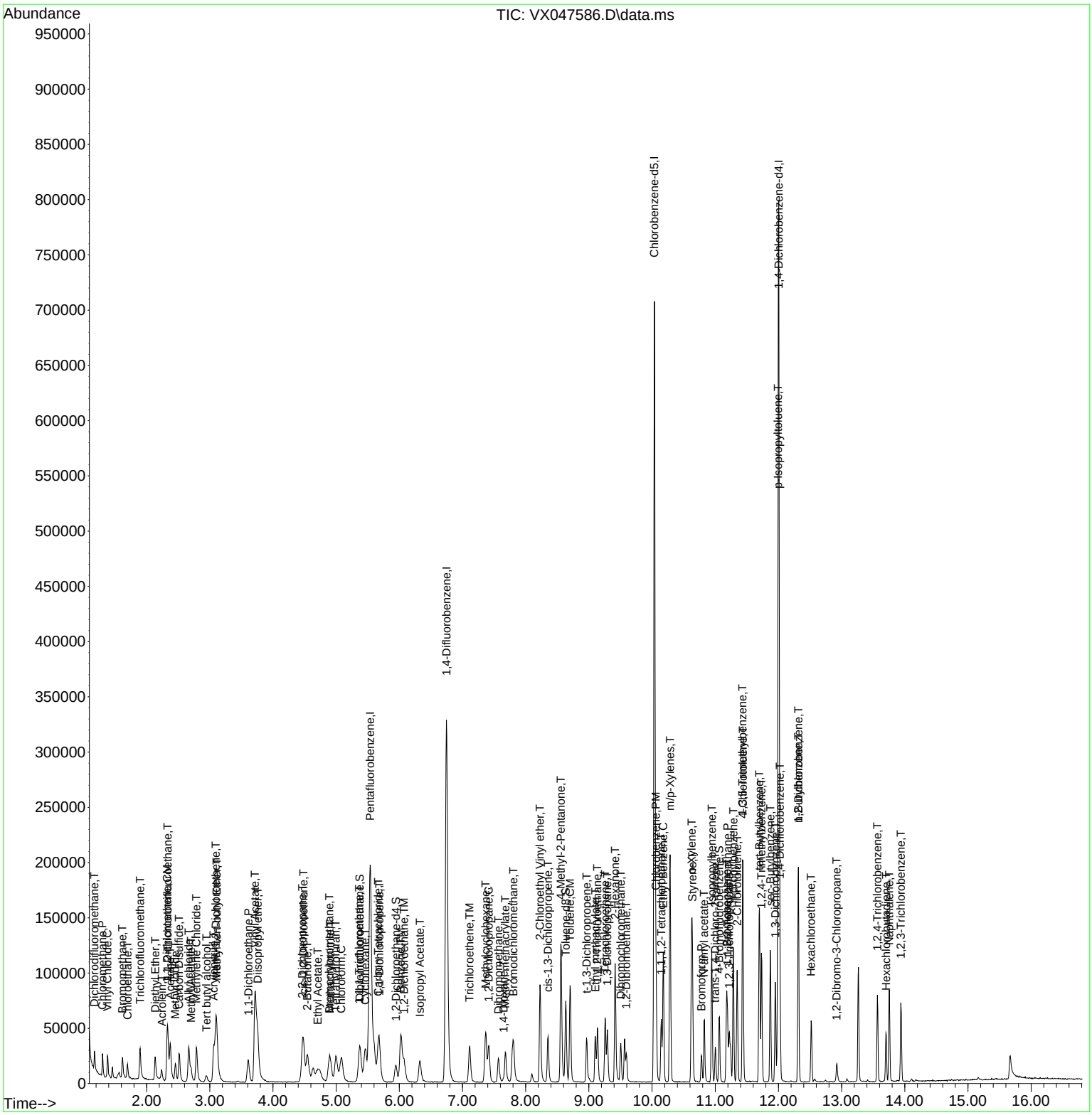
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.520%#		
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.740%#		
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.520%#		
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l		99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l		99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l		100
44) Trichloroethene	7.110	130	51369	21.228	ug/l		97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l		97
46) Dibromomethane	7.568	93	38910	20.862	ug/l		99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l		98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l		98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l		100
52) Toluene	8.708	92	129193	20.950	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l		98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l		99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l		100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l		99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l		99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l		99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l		95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l		99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l		98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l		100
69) o-Xylene	10.628	106	87651	20.799	ug/l		98
70) Styrene	10.640	104	154077	20.866	ug/l		99
71) Bromoform	10.780	173	35922	20.550	ug/l	#	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l		99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l		99
76) 1,2,3-Trichloropropane	11.225	75	60797m	20.680	ug/l		
77) Bromobenzene	11.183	156	56161	21.183	ug/l		99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l		100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l		96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l		100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l		100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l		98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l		100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l		99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l		99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l		96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l		98
95) Naphthalene	13.756	128	193134	20.801	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

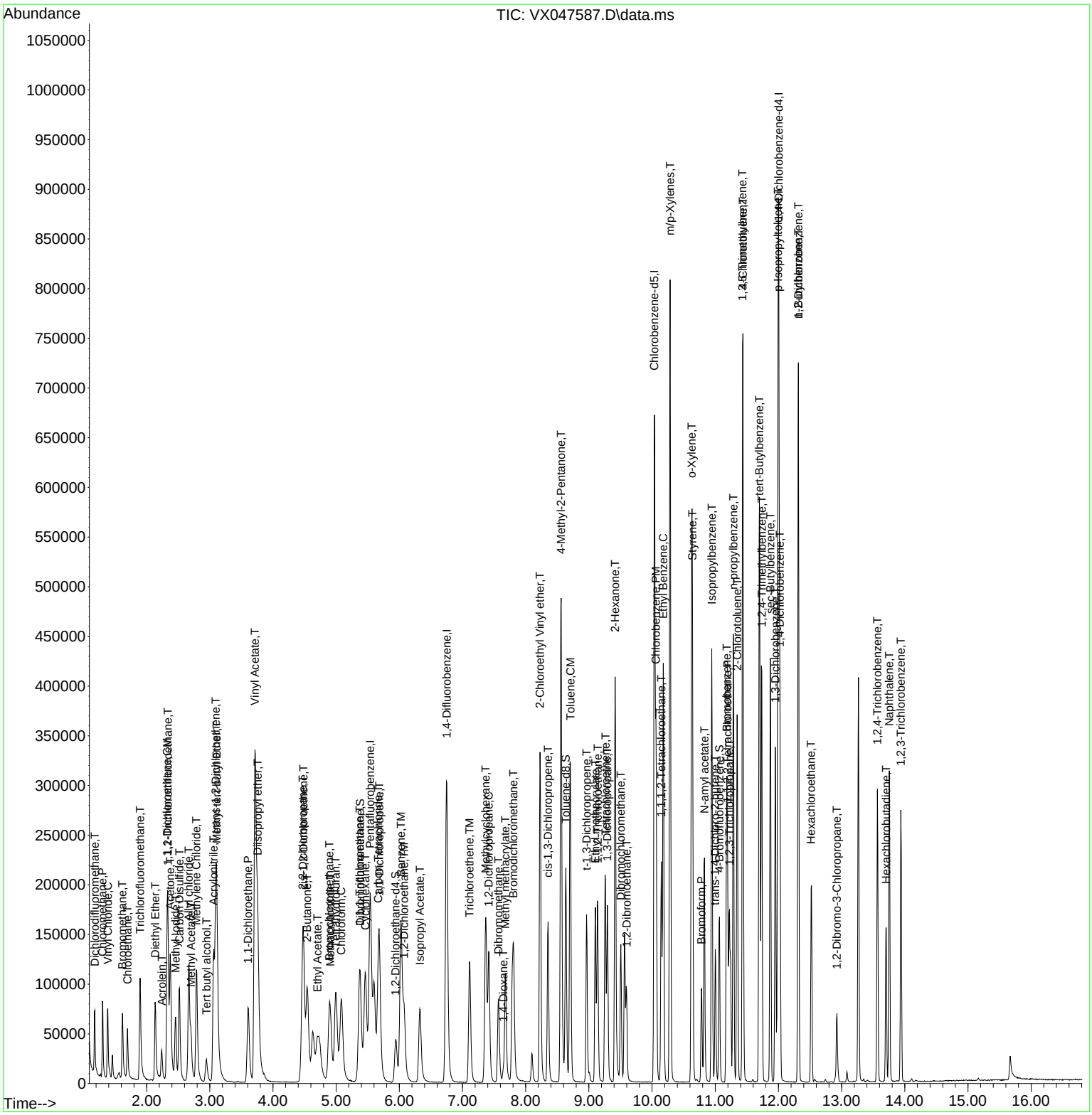
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.800%			
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	144074m	54.322	ug/l		
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

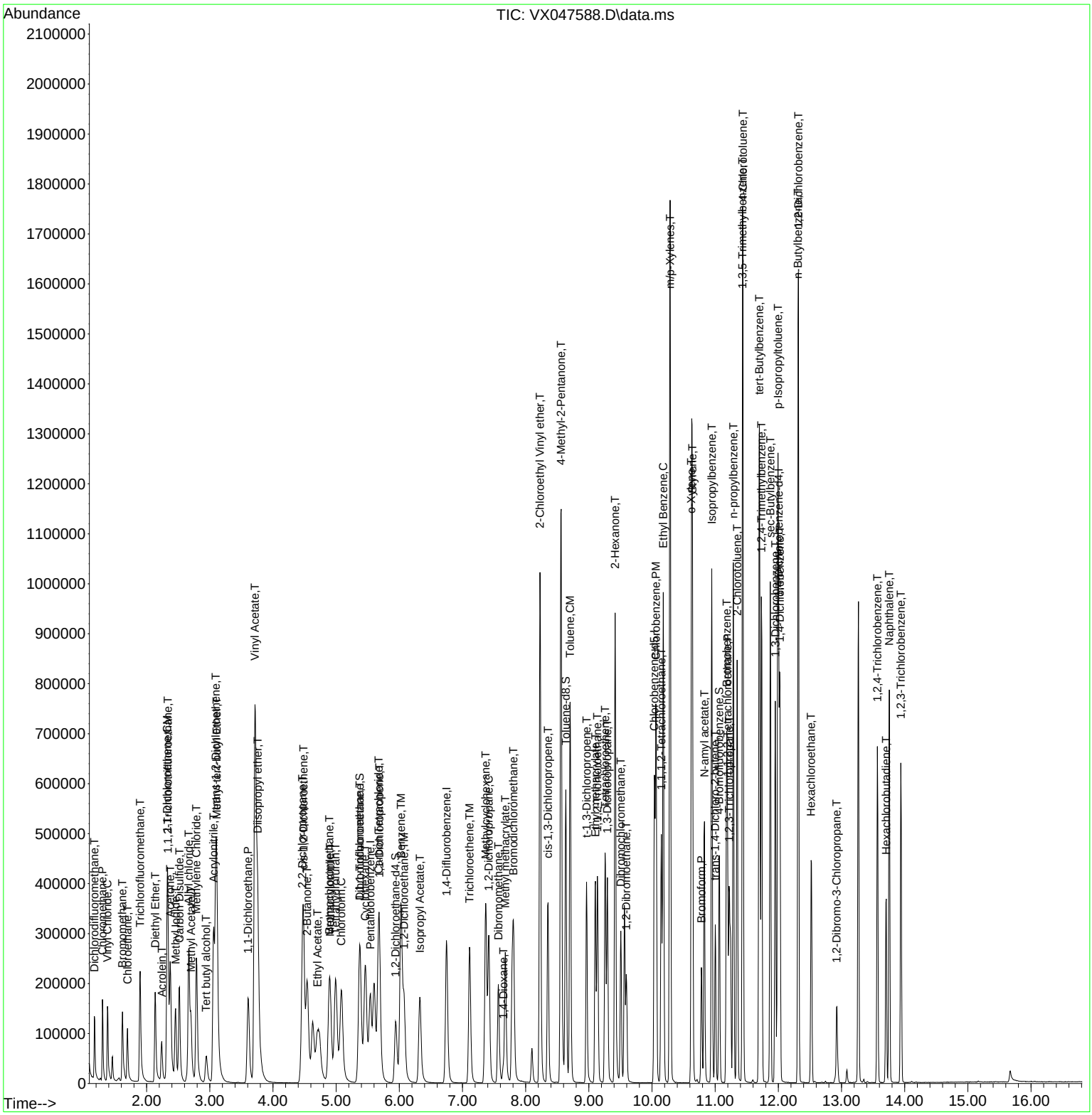
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220 ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916 ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482 ug/l	99
44) Trichloroethene	7.104	130	217753	101.234 ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145 ug/l	100
46) Dibromomethane	7.562	93	164987	99.519 ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136 ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612 ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315 ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834 ug/l	100
52) Toluene	8.702	92	536148	97.811 ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986 ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434 ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435 ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814 ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380 ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226 ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147 ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284 ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988 ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823 ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624 ug/l	99
69) o-Xylene	10.622	106	372621	102.186 ug/l	99
70) Styrene	10.634	104	649863	101.710 ug/l	100
71) Bromoform	10.781	173	161188	106.566 ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768 ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172 ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	229521m	90.444 ug/l	
77) Bromobenzene	11.183	156	234666	102.541 ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941 ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689 ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054 ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333 ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144 ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840 ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985 ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138 ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304 ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225 ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922 ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049 ug/l	99
95) Naphthalene	13.756	128	854492	106.620 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

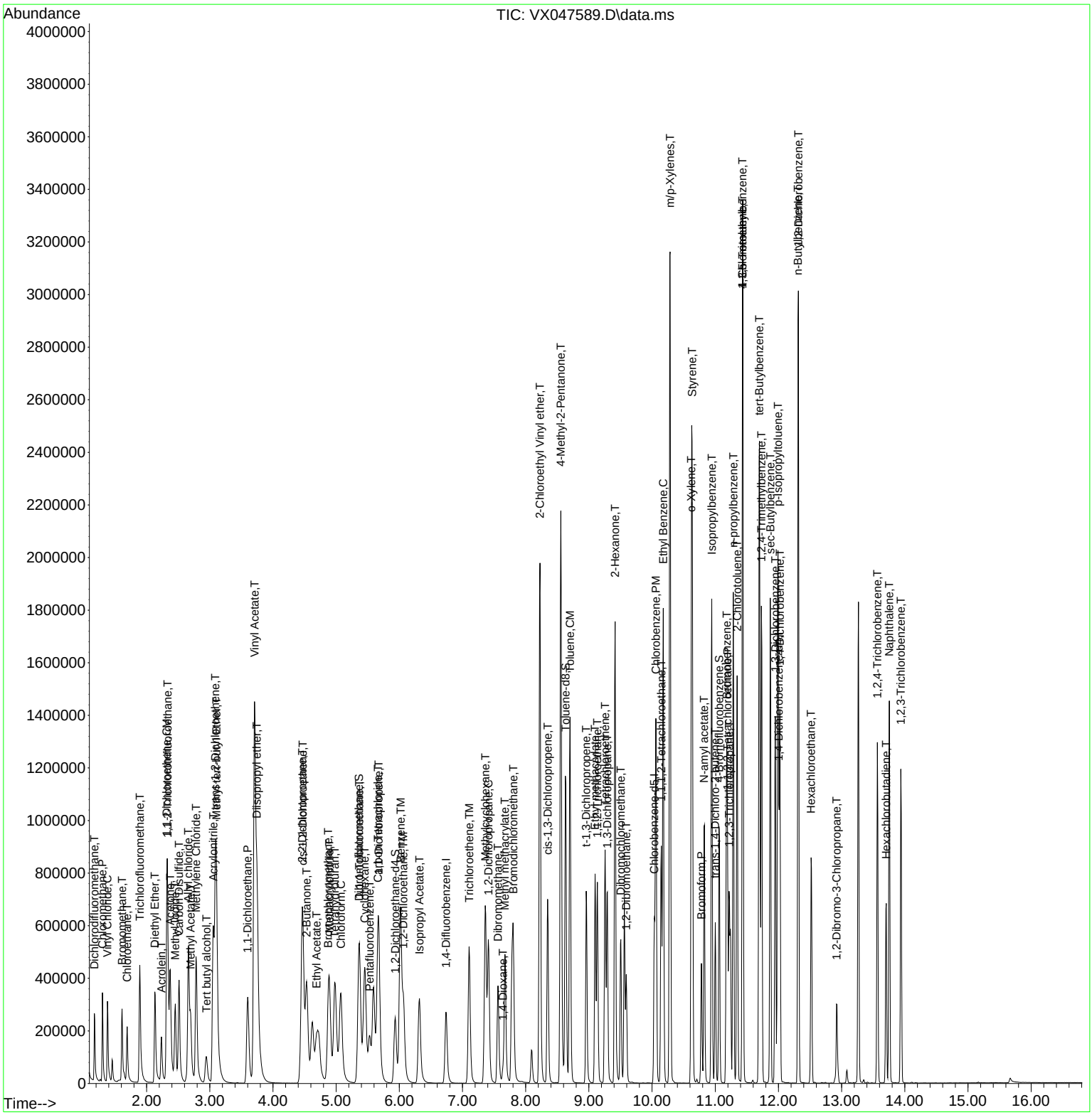
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951 ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515 ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283 ug/l	99
44) Trichloroethene	7.111	130	299673	151.542 ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219 ug/l	99
46) Dibromomethane	7.568	93	228550	149.954 ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710 ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194 ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565 ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849 ug/l	100
52) Toluene	8.702	92	739332	146.712 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781 ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773 ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661 ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035 ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318 ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949 ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590 ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733 ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026 ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381 ug/l	99
69) o-Xylene	10.628	106	521840	152.920 ug/l	99
70) Styrene	10.640	104	917532	153.449 ug/l	99
71) Bromoform	10.781	173	229683	162.262 ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477 ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	366171m	153.692 ug/l	
77) Bromobenzene	11.183	156	328336	152.818 ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337 ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176 ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112 ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819 ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336 ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448 ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814 ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222 ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884 ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110 ug/l	99
95) Naphthalene	13.756	128	1229363	163.388 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

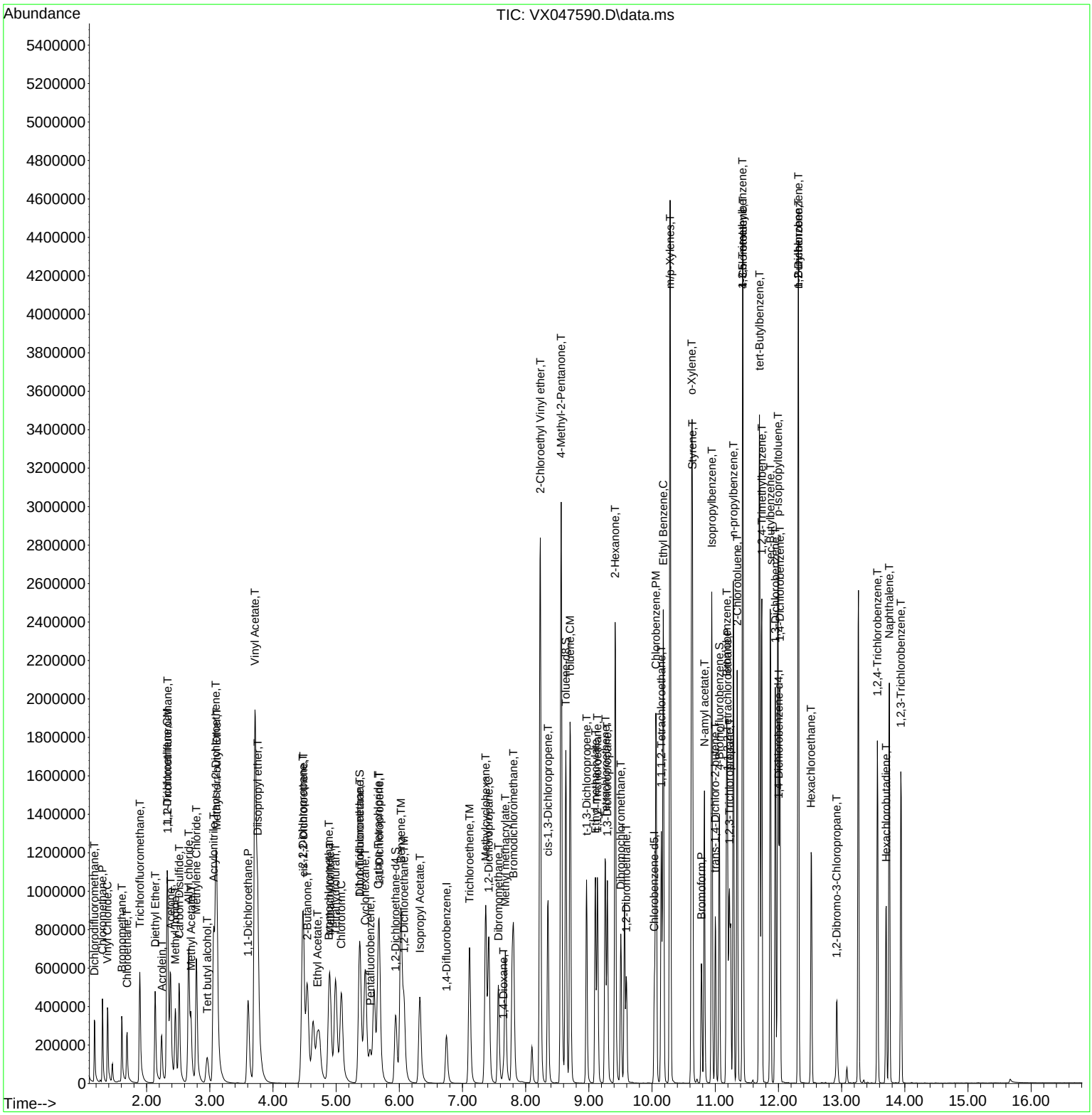
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l		
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

ICAL Form

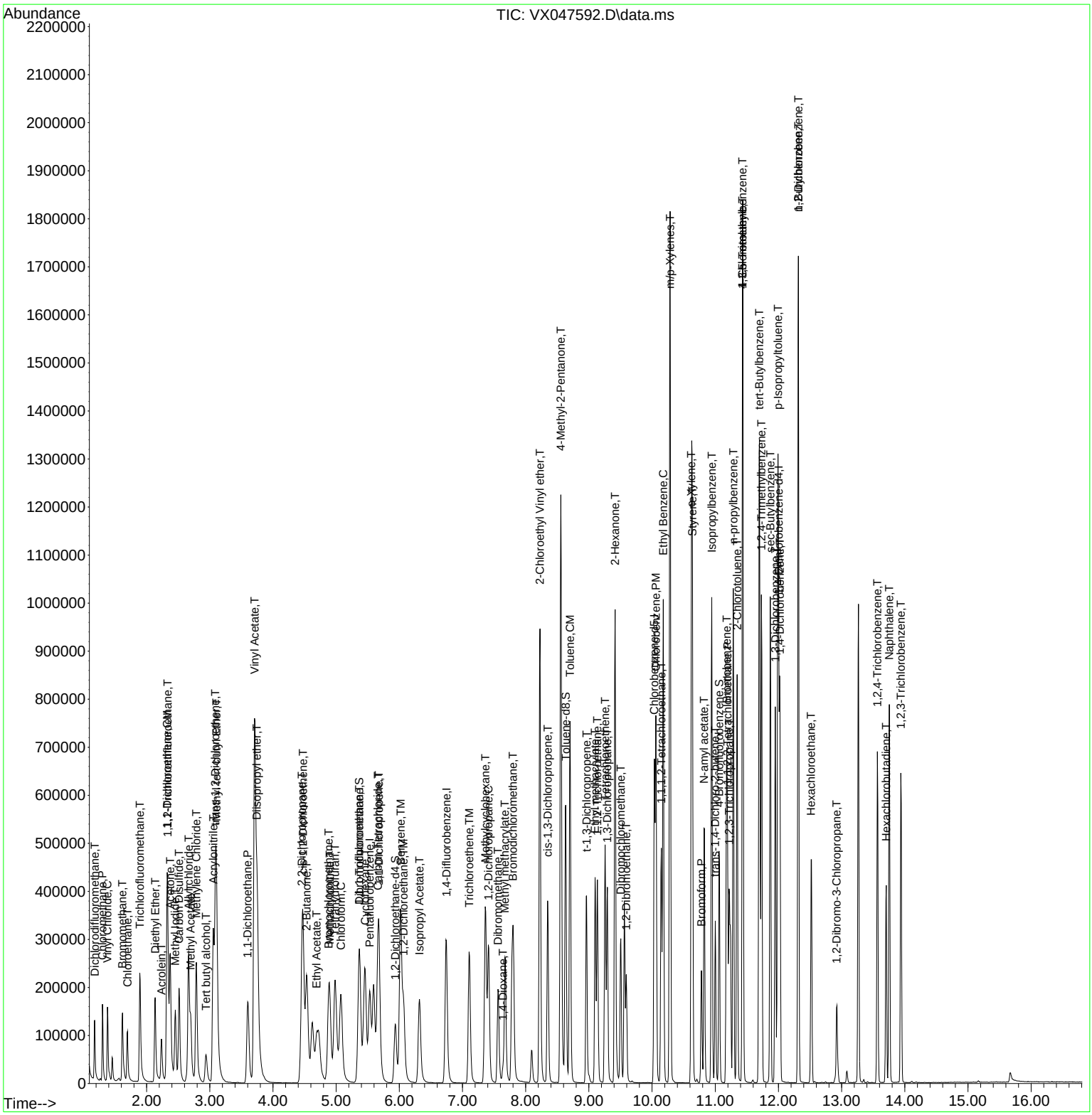
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	108	-0.01
2	T	Dichlorodifluoromethane	0.518	0.462	10.8	99	0.00
3	P	Chloromethane	0.680	0.595	12.5	97	0.00
4	C	Vinyl Chloride	0.666	0.610	8.4#	99	0.00
5	T	Bromomethane	0.422	0.410	2.8	104	0.00
6	T	Chloroethane	0.445	0.415	6.7	101	0.00
7	T	Trichlorofluoromethane	0.989	0.931	5.9	101	0.00
8	T	Diethyl Ether	0.405	0.378	6.7	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.561	2.9	103	0.00
10	T	Methyl Iodide	0.902	0.834	7.5	98	0.00
11	T	Tert butyl alcohol	0.089	0.091	-2.2	110	0.00
12	CM	1,1-Dichloroethene	0.594	0.559	5.9#	100	0.00
13	T	Acrolein	0.082	0.083	-1.2	110	0.00
14	T	Allyl chloride	1.226	1.146	6.5	102	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	103	0.00
16	T	Acetone	0.346	0.339	2.0	115	0.00
17	T	Carbon Disulfide	1.626	1.463	10.0	100	0.00
18	T	Methyl Acetate	0.770	0.850	-10.4	104	0.00
19	T	Methyl tert-butyl Ether	2.169	2.105	3.0	101	0.00
20	T	Methylene Chloride	0.732	0.674	7.9	99	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.597	6.7	99	0.00
22	T	Diisopropyl ether	2.376	2.289	3.7	99	-0.01
23	T	Vinyl Acetate	1.901	1.867	1.8	101	0.00
24	P	1,1-Dichloroethane	1.263	1.213	4.0	101	0.00
25	T	2-Butanone	0.432	0.438	-1.4	107	0.00
26	T	2,2-Dichloropropane	1.050	1.039	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.765	2.3	102	0.00
28	T	Bromochloromethane	0.551	0.514	6.7	96	-0.01
29	T	Tetrahydrofuran	0.260	0.263	-1.2	103	0.00
30	C	Chloroform	1.276	1.244	2.5#	101	0.00
31	T	Cyclohexane	1.052	0.968	8.0	101	0.00
32	T	1,1,1-Trichloroethane	1.082	1.060	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.725	8.9	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.335	0.306	8.7	100	0.00
36	T	1,1-Dichloropropene	0.490	0.457	6.7	101	0.00
37	T	Ethyl Acetate	0.525	0.517	1.5	105	-0.01
38	T	Carbon Tetrachloride	0.532	0.500	6.0	100	-0.01
39	T	Methylcyclohexane	0.556	0.541	2.7	103	0.00
40	TM	Benzene	1.488	1.410	5.2	100	0.00
41	T	Methacrylonitrile	0.271	0.274	-1.1	103	0.00
42	TM	1,2-Dichloroethane	0.566	0.531	6.2	98	0.00
43	T	Isopropyl Acetate	0.860	0.846	1.6	102	0.00
44	TM	Trichloroethene	0.360	0.346	3.9	101	0.00
45	C	1,2-Dichloropropane	0.381	0.366	3.9#	100	0.00
46	T	Dibromomethane	0.277	0.266	4.0	100	0.00
47	T	Bromodichloromethane	0.572	0.558	2.4	99	0.00
48	T	Methyl methacrylate	0.429	0.427	0.5	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	0.004	0.005	-25.0	106	0.00
50	S	Toluene-d8	1.160	1.077	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.488	-2.3	103	0.00
52	CM	Toluene	0.917	0.883	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	0.584	0.578	1.0	101	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.615	1.4	102	0.00
55	T	1,1,2-Trichloroethane	0.354	0.338	4.5	99	0.00
56	T	Ethyl methacrylate	0.555	0.572	-3.1	103	0.00
57	T	1,3-Dichloropropane	0.607	0.594	2.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.238	-4.8	94	0.00
59	T	2-Hexanone	0.343	0.347	-1.2	104	0.00
60	T	Dibromochloromethane	0.407	0.406	0.2	101	0.00
61	T	1,2-Dibromoethane	0.360	0.355	1.4	101	0.00
62	S	4-Bromofluorobenzene	0.440	0.410	6.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.326	0.315	3.4	103	0.00
65	PM	Chlorobenzene	1.136	1.103	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.383	2.3	99	0.00
67	C	Ethyl Benzene	1.960	1.953	0.4#	102	0.00
68	T	m/p-Xylenes	0.729	0.722	1.0	101	0.00
69	T	o-Xylene	0.706	0.708	-0.3	101	0.00
70	T	Styrene	1.236	1.225	0.9	101	0.00
71	P	Bromoform	0.293	0.300	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.801	3.762	1.0	101	0.00
74	T	N-amyl acetate	1.733	1.746	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.147	0.3	102	0.00
76	T	1,2,3-Trichloropropane	1.012	1.076	-6.3	104	0.00
77	T	Bromobenzene	0.936	0.902	3.6	100	0.00
78	T	n-propylbenzene	4.494	4.430	1.4	101	0.00
79	T	2-Chlorotoluene	2.752	2.704	1.7	101	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.127	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.401	-1.0	106	0.00
82	T	4-Chlorotoluene	3.251	3.196	1.7	101	0.00
83	T	tert-Butylbenzene	3.197	3.177	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.161	0.2	103	0.00
85	T	sec-Butylbenzene	3.797	3.805	-0.2	103	0.00
86	T	p-Isopropyltoluene	3.215	3.206	0.3	102	0.00
87	T	1,3-Dichlorobenzene	1.739	1.705	2.0	102	0.00
88	T	1,4-Dichlorobenzene	1.785	1.749	2.0	104	0.00
89	T	n-Butylbenzene	2.975	3.020	-1.5	105	0.00
90	T	Hexachloroethane	0.564	0.573	-1.6	105	0.00
91	T	1,2-Dichlorobenzene	1.657	1.634	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.101	-2.2	104	0.00
94	T	Hexachlorobutadiene	0.366	0.381	-4.1	108	0.00
95	T	Naphthalene	3.279	3.334	-1.7	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1.002	1.023	-2.1	102	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_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	108	-0.01
2	T	Dichlorodifluoromethane	50.000	44.592	10.8	99	0.00
3	P	Chloromethane	50.000	43.710	12.6	97	0.00
4	C	Vinyl Chloride	50.000	45.783	8.4#	99	0.00
5	T	Bromomethane	50.000	48.489	3.0	104	0.00
6	T	Chloroethane	50.000	46.575	6.8	101	0.00
7	T	Trichlorofluoromethane	50.000	47.074	5.9	101	0.00
8	T	Diethyl Ether	50.000	46.693	6.6	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.524	3.0	103	0.00
10	T	Methyl Iodide	50.000	46.210	7.6	98	0.00
11	T	Tert butyl alcohol	250.000	256.271	-2.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	47.076	5.8#	100	0.00
13	T	Acrolein	250.000	254.867	-1.9	110	0.00
14	T	Allyl chloride	50.000	46.742	6.5	102	0.00
15	T	Acrylonitrile	250.000	253.567	-1.4	103	0.00
16	T	Acetone	250.000	245.006	2.0	115	0.00
17	T	Carbon Disulfide	50.000	44.966	10.1	100	0.00
18	T	Methyl Acetate	50.000	55.175	-10.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	48.538	2.9	101	0.00
20	T	Methylene Chloride	50.000	46.000	8.0	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.709	6.6	99	0.00
22	T	Diisopropyl ether	50.000	48.174	3.7	99	-0.01
23	T	Vinyl Acetate	250.000	245.539	1.8	101	0.00
24	P	1,1-Dichloroethane	50.000	48.041	3.9	101	0.00
25	T	2-Butanone	250.000	253.598	-1.4	107	0.00
26	T	2,2-Dichloropropane	50.000	49.494	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.826	2.3	102	0.00
28	T	Bromochloromethane	50.000	46.586	6.8	96	-0.01
29	T	Tetrahydrofuran	250.000	253.375	-1.4	103	0.00
30	C	Chloroform	50.000	48.739	2.5#	101	0.00
31	T	Cyclohexane	50.000	45.999	8.0	101	0.00
32	T	1,1,1-Trichloroethane	50.000	48.978	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.550	8.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	45.559	8.9	100	0.00
36	T	1,1-Dichloropropene	50.000	46.663	6.7	101	0.00
37	T	Ethyl Acetate	50.000	49.241	1.5	105	-0.01
38	T	Carbon Tetrachloride	50.000	46.935	6.1	100	-0.01
39	T	Methylcyclohexane	50.000	48.597	2.8	103	0.00
40	TM	Benzene	50.000	47.357	5.3	100	0.00
41	T	Methacrylonitrile	50.000	50.490	-1.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	46.867	6.3	98	0.00
43	T	Isopropyl Acetate	50.000	49.136	1.7	102	0.00
44	TM	Trichloroethene	50.000	48.037	3.9	101	0.00
45	C	1,2-Dichloropropane	50.000	48.053	3.9#	100	0.00
46	T	Dibromomethane	50.000	47.976	4.0	100	0.00
47	T	Bromodichloromethane	50.000	48.769	2.5	99	0.00
48	T	Methyl methacrylate	50.000	49.757	0.5	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1089.520	-9.0	106	0.00
50	S	Toluene-d8	50.000	46.411	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.752	-2.3	103	0.00
52	CM	Toluene	50.000	48.130	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	49.527	0.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.257	1.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	47.772	4.5	99	0.00
56	T	Ethyl methacrylate	50.000	51.490	-3.0	103	0.00
57	T	1,3-Dichloropropane	50.000	48.894	2.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.562	9.8	94	0.00
59	T	2-Hexanone	250.000	253.126	-1.3	104	0.00
60	T	Dibromochloromethane	50.000	49.824	0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.297	1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.520	7.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.296	3.4	103	0.00
65	PM	Chlorobenzene	50.000	48.549	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.794	2.4	99	0.00
67	C	Ethyl Benzene	50.000	49.813	0.4#	102	0.00
68	T	m/p-Xylenes	100.000	98.956	1.0	101	0.00
69	T	o-Xylene	50.000	50.159	-0.3	101	0.00
70	T	Styrene	50.000	49.536	0.9	101	0.00
71	P	Bromoform	50.000	51.207	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.479	1.0	101	0.00
74	T	N-amyl acetate	50.000	50.375	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.851	0.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	53.124	-6.2	104	0.00
77	T	Bromobenzene	50.000	48.173	3.7	100	0.00
78	T	n-propylbenzene	50.000	49.295	1.4	101	0.00
79	T	2-Chlorotoluene	50.000	49.117	1.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.543	-1.1	106	0.00
82	T	4-Chlorotoluene	50.000	49.164	1.7	101	0.00
83	T	tert-Butylbenzene	50.000	49.679	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.911	0.2	103	0.00
85	T	sec-Butylbenzene	50.000	50.100	-0.2	103	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.014	2.0	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.011	2.0	104	0.00
89	T	n-Butylbenzene	50.000	50.752	-1.5	105	0.00
90	T	Hexachloroethane	50.000	50.732	-1.5	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.304	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.918	-1.8	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.133	-2.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.131	-4.3	108	0.00
95	T	Naphthalene	50.000	50.836	-1.7	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.054	-2.1	102	0.00

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3276

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	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.

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: GENV01

Lab Code: ACE SDG No.: Q3276

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* 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 GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 2025
Response Via : Initial Calibration

Calibration Files
5 =VY023384.D 10 =VY023385.D 20 =VY023386.D 50 =VY023387.D 100 =VY023388.D 150 =VY023389.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.397	0.399	0.400	0.321	0.310	0.333	0.360	11.97
3)	P	Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.45
4)	C	Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.59#
5)	T	Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.42
6)	T	Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.67
7)	T	Trichlorofluor...	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.54
8)	T	Diethyl Ether	0.240	0.239	0.236	0.215	0.224	0.237	0.232	4.42
9)	T	1,1,2-Trichlor...	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.57
10)	T	Methyl Iodide	0.404	0.503	0.518	0.538	0.547	0.562	0.512	11.09
11)	T	Tert butyl alc...	0.033	0.037	0.030	0.025	0.029	0.033	0.031	13.08
12)	CM	1,1-Dichloroet...	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.14#
13)	T	Acrolein	0.045	0.043	0.042	0.042	0.044	0.048	0.044	5.27
14)	T	Allyl chloride	0.540	0.555	0.546	0.526	0.535	0.560	0.544	2.33
15)	T	Acrylonitrile	0.088	0.093	0.086	0.082	0.088	0.095	0.089	5.52
16)	T	Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.67
17)	T	Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.74
18)	T	Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6.00
19)	T	Methyl tert-bu...	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.30
20)	T	Methylene Chlo...	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.41
21)	T	trans-1,2-Dich...	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.95
22)	T	Diisopropyl ether	1.107	1.238	1.255	1.163	1.195	1.257	1.202	4.95
23)	T	Vinyl Acetate	0.594	0.646	0.651	0.625	0.667	0.722	0.651	6.65
24)	P	1,1-Dichloroet...	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.90
25)	T	2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.56
26)	T	2,2-Dichloropr...	0.752	0.771	0.731	0.705	0.699	0.726	0.731	3.74
27)	T	cis-1,2-Dichlo...	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.81
28)	T	Bromochloromet...	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.22
29)	T	Tetrahydrofuran	0.066	0.070	0.067	0.064	0.070	0.078	0.069	7.25
30)	C	Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.54#
31)	T	Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.27
32)	T	1,1,1-Trichlor...	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.08
33)	S	1,2-Dichloroet...	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.21
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.62
36)	T	1,1-Dichloropr...	0.395	0.413	0.413	0.397	0.405	0.417	0.407	2.20
37)	T	Ethyl Acetate	0.148	0.162	0.163	0.150	0.164	0.179	0.161	6.94
38)	T	Carbon Tetrach...	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.14
39)	T	Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7.03
40)	TM	Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.22
41)	T	Methacrylonitrile	0.082	0.085	0.091	0.080	0.089	0.096	0.087	7.09
42)	TM	1,2-Dichloroet...	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.59
43)	T	Isopropyl Acetate	0.297	0.313	0.313	0.302	0.335	0.369	0.321	8.32
44)	TM	Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.81
45)	C	1,2-Dichloropr...	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.89#
46)	T	Dibromomethane	0.172	0.182	0.183	0.173	0.181	0.188	0.180	3.43
47)	T	Bromodichlorom...	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.70
48)	T	Methyl methacr...	0.125	0.139	0.149	0.148	0.165	0.181	0.151	12.98
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.06
50)	S	Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2.03
51)	T	4-Methyl-2-Pen...	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.55
52)	CM	Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.49#
53)	T	t-1,3-Dichloro...	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.24
54)	T	cis-1,3-Dichlo...	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.86
55)	T	1,1,2-Trichlor...	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.52
56)	T	Ethyl methacry...	0.219	0.248	0.262	0.279	0.321	0.345	0.279	16.80

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y100725S.M

57)	T	1,3-Dichloropr...	0.361	0.381	0.383	0.374	0.392	0.409	0.383	4.26
58)	T	2-Chloroethyl ...	0.093	0.112	0.112	0.129	0.145	0.159	0.125	19.35
59)	T	2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.86
60)	T	Dibromochlorom...	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.69
61)	T	1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.16
62)	S	4-Bromofluorob...	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.51
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.92
65)	PM	Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.89
66)	T	1,1,1,2-Tetrac...	0.388	0.389	0.390	0.373	0.384	0.402	0.388	2.44
67)	C	Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.54#
68)	T	m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.54
69)	T	o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.15
70)	T	Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.55
71)	P	Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.41
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.30
74)	T	N-amyl acetate	0.477	0.535	0.556	0.581	0.665	0.738	0.592	15.95
75)	P	1,1,2,2-Tetrac...	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.60
76)	T	1,2,3-Trichlor...	0.406	0.399	0.484	0.433	0.455	0.469	0.441	7.76
77)	T	Bromobenzene	0.849	0.880	0.885	0.845	0.877	0.921	0.876	3.14
78)	T	n-propylbenzene	3.373	3.676	3.906	3.883	3.955	4.086	3.813	6.64
79)	T	2-Chlorotoluene	2.095	2.208	2.282	2.227	2.249	2.338	2.233	3.66
80)	T	1,3,5-Trimethy...	2.309	2.557	2.736	2.706	2.772	2.896	2.663	7.70
81)	T	trans-1,4-Dich...	0.171	0.175	0.176	0.169	0.185	0.203	0.180	7.04
82)	T	4-Chlorotoluene	2.173	2.266	2.362	2.276	2.316	2.404	2.300	3.52
83)	T	tert-Butylbenzene	2.199	2.363	2.465	2.522	2.533	2.668	2.458	6.55
84)	T	1,2,4-Trimethy...	2.301	2.552	2.701	2.706	2.782	2.903	2.657	7.86
85)	T	sec-Butylbenzene	3.175	3.388	3.571	3.583	3.664	3.778	3.527	6.08
86)	T	p-Isopropyltol...	2.575	2.804	3.032	3.087	3.183	3.334	3.003	9.09
87)	T	1,3-Dichlorobe...	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.85
88)	T	1,4-Dichlorobe...	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.33
89)	T	n-Butylbenzene	2.279	2.428	2.626	2.682	2.778	2.904	2.616	8.76
90)	T	Hexachloroethane	0.667	0.631	0.647	0.625	0.643	0.662	0.646	2.54
91)	T	1,2-Dichlorobe...	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.13
92)	T	1,2-Dibromo-3-...	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.18
93)	T	1,2,4-Trichlor...	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.75
94)	T	Hexachlorobuta...	0.590	0.571	0.572	0.577	0.587	0.590	0.581	1.52
95)	T	Naphthalene	1.206	1.281	1.346	1.466	1.722	1.887	1.485	17.98
96)	T	1,2,3-Trichlor...	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.14

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	585717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	882488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	753398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26670	5.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.520%#			
35) Dibromofluoromethane	7.634	113	27455	5.126	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.260%#			
50) Toluene-d8	10.103	98	99905	4.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.900%#			
62) 4-Bromofluorobenzene	12.401	95	35355	5.548	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 11.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	23245	5.038	ug/l	92
3) Chloromethane	2.074	50	30346	4.627	ug/l	94
4) Vinyl Chloride	2.202	62	38657	4.668	ug/l	95
5) Bromomethane	2.598	94	35214	5.184	ug/l	94
6) Chloroethane	2.732	64	25848	4.597	ug/l	98
7) Trichlorofluoromethane	3.055	101	51797	4.869	ug/l	98
8) Diethyl Ether	3.452	74	14079	5.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	28368	4.989	ug/l	99
10) Methyl Iodide	4.007	142	23692	3.606	ug/l	99
11) Tert butyl alcohol	4.854	59	9774	32.746	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	26290	4.806	ug/l	94
13) Acrolein	3.653	56	13176	26.054	ug/l	100
14) Allyl chloride	4.385	41	31614	4.616	ug/l	98
15) Acrylonitrile	5.055	53	25891	23.754	ug/l	99
16) Acetone	3.866	43	37573	32.940	ug/l	96
17) Carbon Disulfide	4.104	76	75645	4.432	ug/l	99
18) Methyl Acetate	4.391	43	14279	4.926	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	58919	4.600	ug/l	95
20) Methylene Chloride	4.616	84	36598	5.917	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	28923	4.754	ug/l	99
22) Diisopropyl ether	6.018	45	64833	4.269	ug/l	94
23) Vinyl Acetate	5.964	43	173851	20.824	ug/l	99
24) 1,1-Dichloroethane	5.909	63	46850	4.679	ug/l	100
25) 2-Butanone	6.890	43	38990	27.656	ug/l	93
26) 2,2-Dichloropropane	6.884	77	44062	4.953	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	31743	4.600	ug/l	98
28) Bromochloromethane	7.244	49	19445	5.006	ug/l	99
29) Tetrahydrofuran	7.262	42	19296	23.059	ug/l	98
30) Chloroform	7.421	83	51887	4.806	ug/l	97
31) Cyclohexane	7.707	56	46675	5.279	ug/l #	79
32) 1,1,1-Trichloroethane	7.616	97	47305	4.881	ug/l	99
36) 1,1-Dichloropropene	7.835	75	34888	4.617	ug/l	98
37) Ethyl Acetate	6.982	43	13082	4.379	ug/l #	93
38) Carbon Tetrachloride	7.817	117	42654	4.859	ug/l	95
39) Methylcyclohexane	9.109	83	43329	4.479	ug/l	98
40) Benzene	8.079	78	110551	4.693	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	7226m	4.658	ug/l		
42) 1,2-Dichloroethane	8.158	62	28940	4.828	ug/l		100
43) Isopropyl Acetate	8.201	43	26166	4.503	ug/l		99
44) Trichloroethene	8.859	130	33564	5.077	ug/l		99
45) 1,2-Dichloropropane	9.140	63	24358	4.595	ug/l		92
46) Dibromomethane	9.231	93	15179	4.682	ug/l		97
47) Bromodichloromethane	9.420	83	38813	4.756	ug/l		93
48) Methyl methacrylate	9.219	41	11038	4.071	ug/l		98
49) 1,4-Dioxane	9.219	88	3255	96.953	ug/l	#	86
51) 4-Methyl-2-Pentanone	9.999	43	62279	20.925	ug/l		98
52) Toluene	10.170	92	68550	4.585	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	31477	4.491	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	37392	4.463	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	20641	4.786	ug/l		97
56) Ethyl methacrylate	10.438	69	19324	3.891	ug/l		94
57) 1,3-Dichloropropane	10.719	76	31831	4.560	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.713	63	41054m	18.894	ug/l		
59) 2-Hexanone	10.761	43	47778	23.185	ug/l		97
60) Dibromochloromethane	10.908	129	28135	4.783	ug/l		97
61) 1,2-Dibromoethane	11.017	107	18957	4.673	ug/l		97
64) Tetrachloroethene	10.646	164	40570	5.383	ug/l		98
65) Chlorobenzene	11.444	112	81802	4.997	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	29222	5.075	ug/l		97
67) Ethyl Benzene	11.517	91	121005	4.529	ug/l		99
68) m/p-Xylenes	11.633	106	95176	8.887	ug/l		100
69) o-Xylene	11.956	106	44280	4.466	ug/l		98
70) Styrene	11.969	104	67960	4.152	ug/l		99
71) Bromoform	12.133	173	16988	4.929	ug/l	#	99
73) Isopropylbenzene	12.255	105	112194	4.455	ug/l		99
74) N-amyl acetate	12.066	43	18041	3.833	ug/l	#	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20052	4.773	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	15359m	4.118	ug/l		
77) Bromobenzene	12.529	156	32106	4.967	ug/l		99
78) n-propylbenzene	12.596	91	127521	4.305	ug/l		99
79) 2-Chlorotoluene	12.676	91	79199	4.631	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	87297	4.264	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	6474	4.680	ug/l		98
82) 4-Chlorotoluene	12.779	91	82155	4.600	ug/l		100
83) tert-Butylbenzene	12.999	119	83151	4.457	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	86988	4.294	ug/l		99
85) sec-Butylbenzene	13.176	105	120061	4.443	ug/l		99
86) p-Isopropyltoluene	13.291	119	97377	4.264	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	63027	4.936	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	64389	5.085	ug/l		95
89) n-Butylbenzene	13.615	91	86179	4.274	ug/l		99
90) Hexachloroethane	13.877	117	25204	5.084	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	56167	5.041	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3305	4.964	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	32000	4.875	ug/l		99
94) Hexachlorobutadiene	15.023	225	22316	5.456	ug/l		99
95) Naphthalene	15.145	128	45598	4.360	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	27176	4.772	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

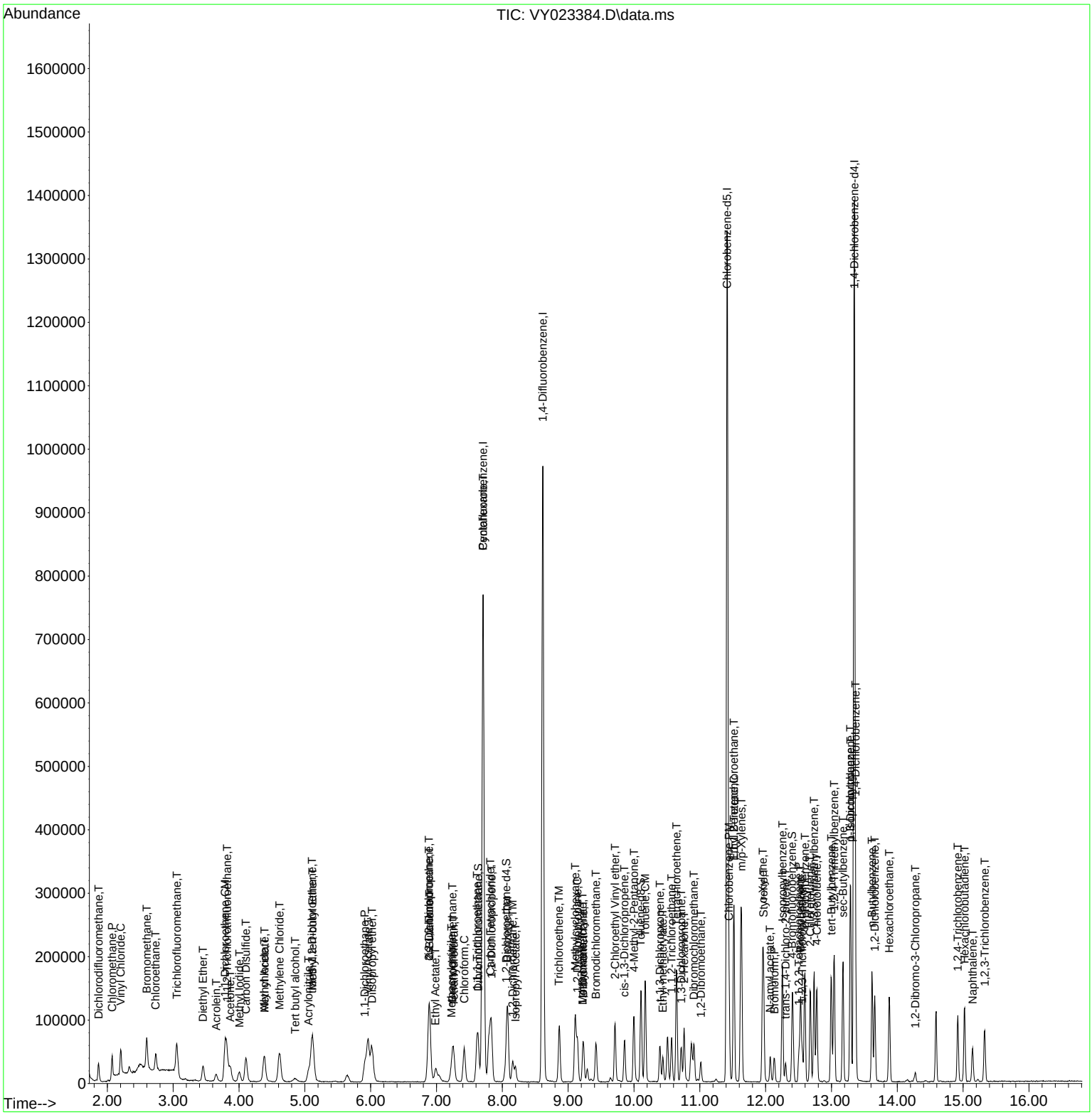
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	559828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	847077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	736152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	374998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48826	10.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.140%#		
35) Dibromofluoromethane	7.634	113	53279	10.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.720%#		
50) Toluene-d8	10.109	98	198242	10.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.460%#		
62) 4-Bromofluorobenzene	12.401	95	62601	10.235	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	44666	10.129	ug/l	97
3) Chloromethane	2.068	50	62413	9.957	ug/l	97
4) Vinyl Chloride	2.202	62	76587	9.676	ug/l	99
5) Bromomethane	2.592	94	66689	10.271	ug/l	90
6) Chloroethane	2.732	64	51757	9.632	ug/l	92
7) Trichlorofluoromethane	3.055	101	102972	10.128	ug/l	99
8) Diethyl Ether	3.458	74	26719	10.047	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	54405	10.011	ug/l	99
10) Methyl Iodide	4.007	142	56313	8.967	ug/l	99
11) Tert butyl alcohol	4.854	59	20540	71.998	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	53191	10.173	ug/l	98
13) Acrolein	3.653	56	24014	49.681	ug/l	94
14) Allyl chloride	4.385	41	62154	9.494	ug/l	99
15) Acrylonitrile	5.061	53	51937	49.854	ug/l	99
16) Acetone	3.872	43	65410	59.997	ug/l	94
17) Carbon Disulfide	4.104	76	153055	9.382	ug/l	100
18) Methyl Acetate	4.391	43	29725	10.728	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	120347	9.830	ug/l	100
20) Methylene Chloride	4.616	84	71034	12.016	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	56465	9.710	ug/l	97
22) Diisopropyl ether	6.024	45	138589	9.547	ug/l	98
23) Vinyl Acetate	5.963	43	361478	45.300	ug/l	99
24) 1,1-Dichloroethane	5.915	63	93512	9.772	ug/l	98
25) 2-Butanone	6.890	43	75171	55.784	ug/l	92
26) 2,2-Dichloropropane	6.890	77	86325	10.153	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	65335	9.905	ug/l	99
28) Bromochloromethane	7.244	49	36132	9.733	ug/l	99
29) Tetrahydrofuran	7.262	42	38990	48.749	ug/l	99
30) Chloroform	7.421	83	102058	9.890	ug/l	99
31) Cyclohexane	7.701	56	80245	9.495	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	91186	9.844	ug/l	99
36) 1,1-Dichloropropene	7.835	75	69913	9.639	ug/l	99
37) Ethyl Acetate	6.988	43	27388	9.551	ug/l	96
38) Carbon Tetrachloride	7.817	117	84799	10.065	ug/l	99
39) Methylcyclohexane	9.109	83	82275	8.860	ug/l	95
40) Benzene	8.079	78	220629	9.758	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	14344	9.632	ug/l	#	92
42) 1,2-Dichloroethane	8.158	62	58541	10.174	ug/l		99
43) Isopropyl Acetate	8.201	43	53042	9.510	ug/l		98
44) Trichloroethene	8.865	130	64537	10.171	ug/l		96
45) 1,2-Dichloropropane	9.140	63	49009	9.632	ug/l		100
46) Dibromomethane	9.231	93	30780	9.890	ug/l		99
47) Bromodichloromethane	9.426	83	78392	10.007	ug/l		99
48) Methyl methacrylate	9.225	41	23484	9.023	ug/l		97
49) 1,4-Dioxane	9.231	88	6822	211.693	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	134746	47.165	ug/l		99
52) Toluene	10.170	92	138662	9.661	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	64315	9.559	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	77905	9.687	ug/l		98
55) 1,1,2-Trichloroethane	10.572	97	41881	10.118	ug/l		92
56) Ethyl methacrylate	10.438	69	42096	8.830	ug/l		98
57) 1,3-Dichloropropane	10.719	76	64537	9.633	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	94970m	45.535	ug/l		
59) 2-Hexanone	10.761	43	99175	50.138	ug/l		96
60) Dibromochloromethane	10.908	129	57151	10.123	ug/l		97
61) 1,2-Dibromoethane	11.011	107	38861	9.979	ug/l		99
64) Tetrachloroethene	10.646	164	76110	10.335	ug/l		98
65) Chlorobenzene	11.438	112	161155	10.074	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.517	131	57233	10.173	ug/l		98
67) Ethyl Benzene	11.517	91	251958	9.651	ug/l		98
68) m/p-Xylenes	11.627	106	198866	19.004	ug/l		99
69) o-Xylene	11.950	106	91710	9.467	ug/l		100
70) Styrene	11.969	104	151094	9.446	ug/l		99
71) Bromoform	12.133	173	35681	10.595	ug/l	#	94
73) Isopropylbenzene	12.249	105	236489	9.467	ug/l		99
74) N-amyl acetate	12.066	43	40098	8.590	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41130	9.871	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	29944m	8.095	ug/l		
77) Bromobenzene	12.529	156	66002	10.295	ug/l		99
78) n-propylbenzene	12.590	91	275671	9.384	ug/l		100
79) 2-Chlorotoluene	12.676	91	165582	9.762	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	191799	9.445	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	13110	9.556	ug/l		99
82) 4-Chlorotoluene	12.773	91	169968	9.595	ug/l		100
83) tert-Butylbenzene	12.993	119	177250	9.579	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	191423	9.528	ug/l		98
85) sec-Butylbenzene	13.170	105	254134	9.483	ug/l		100
86) p-Isopropyltoluene	13.285	119	210320	9.287	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	127377	10.058	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	127757	10.172	ug/l		98
89) n-Butylbenzene	13.615	91	182116	9.107	ug/l		98
90) Hexachloroethane	13.877	117	47355	9.630	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	112325	10.165	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7005	10.608	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	65050	9.992	ug/l		98
94) Hexachlorobutadiene	15.023	225	42813	10.554	ug/l		97
95) Naphthalene	15.139	128	96092	9.264	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	56499	10.004	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

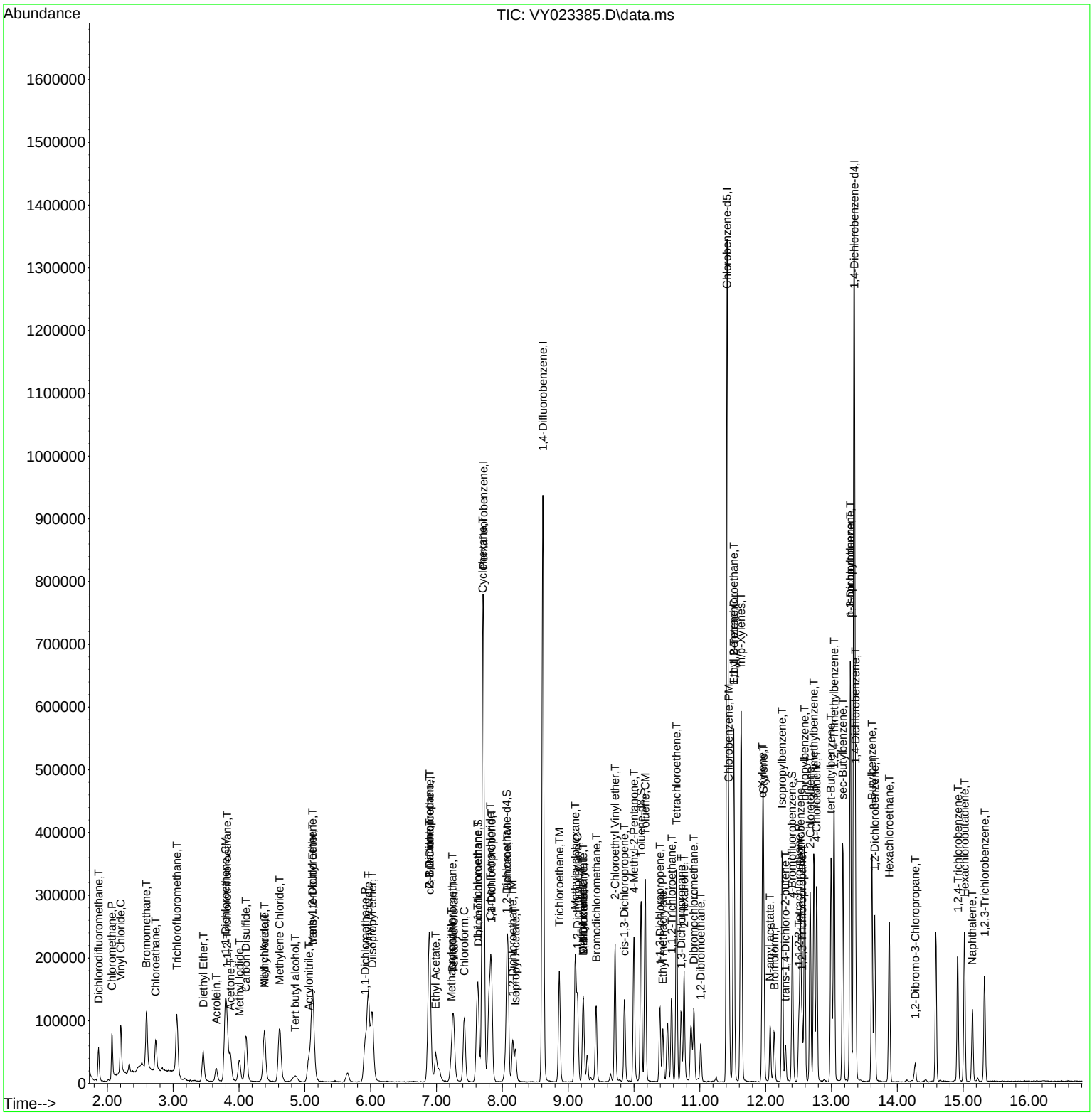
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	851961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	746872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	382604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98481	19.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.600%#		
35) Dibromofluoromethane	7.634	113	108034	20.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.800%#		
50) Toluene-d8	10.103	98	401067	20.568	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.140%#		
62) 4-Bromofluorobenzene	12.401	95	127216	20.680	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	91924	20.318	ug/l	98
3) Chloromethane	2.074	50	117585	18.284	ug/l	100
4) Vinyl Chloride	2.202	62	151460	18.652	ug/l	99
5) Bromomethane	2.586	94	125948	18.907	ug/l	97
6) Chloroethane	2.732	64	103973	18.859	ug/l	94
7) Trichlorofluoromethane	3.049	101	217452	20.846	ug/l	99
8) Diethyl Ether	3.452	74	54124	19.837	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	109936	19.718	ug/l	99
10) Methyl Iodide	4.007	142	119083	18.482	ug/l	99
11) Tert butyl alcohol	4.854	59	34346	117.345	ug/l	98
12) 1,1-Dichloroethene	3.787	96	104778	19.531	ug/l	98
13) Acrolein	3.653	56	48115	97.023	ug/l	98
14) Allyl chloride	4.384	41	125424	18.674	ug/l	98
15) Acrylonitrile	5.055	53	99018	92.641	ug/l	100
16) Acetone	3.866	43	108209	96.742	ug/l	96
17) Carbon Disulfide	4.104	76	303284	18.121	ug/l	99
18) Methyl Acetate	4.384	43	59704	21.002	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	247030	19.667	ug/l	97
20) Methylene Chloride	4.616	84	132229	21.801	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	116410	19.512	ug/l	95
22) Diisopropyl ether	6.018	45	288429	19.366	ug/l	98
23) Vinyl Acetate	5.957	43	748048	91.373	ug/l	99
24) 1,1-Dichloroethane	5.915	63	190012	19.354	ug/l	99
25) 2-Butanone	6.896	43	132159	95.593	ug/l	93
26) 2,2-Dichloropropane	6.884	77	167903	19.247	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	133634	19.747	ug/l	99
28) Bromochloromethane	7.244	49	73407	19.273	ug/l	98
29) Tetrahydrofuran	7.262	42	76502	93.229	ug/l	99
30) Chloroform	7.421	83	207096	19.562	ug/l	100
31) Cyclohexane	7.701	56	160159	18.472	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	188861	19.873	ug/l	100
36) 1,1-Dichloropropene	7.835	75	140912	19.317	ug/l	100
37) Ethyl Acetate	6.982	43	55705	19.315	ug/l	98
38) Carbon Tetrachloride	7.817	117	171925	20.289	ug/l	99
39) Methylcyclohexane	9.109	83	182831	19.576	ug/l	99
40) Benzene	8.079	78	450471	19.809	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	31129m	20.783	ug/l		
42) 1,2-Dichloroethane	8.158	62	116941	20.206	ug/l		99
43) Isopropyl Acetate	8.195	43	106595	19.002	ug/l	#	87
44) Trichloroethene	8.865	130	131459	20.598	ug/l		98
45) 1,2-Dichloropropane	9.140	63	99363	19.417	ug/l		98
46) Dibromomethane	9.231	93	62277	19.896	ug/l		98
47) Bromodichloromethane	9.420	83	156426	19.854	ug/l		98
48) Methyl methacrylate	9.219	41	50661	19.352	ug/l		99
49) 1,4-Dioxane	9.225	88	13636	420.712	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	274059	95.378	ug/l		100
52) Toluene	10.170	92	291453	20.191	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	132848	19.632	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	158580	19.606	ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	82183	19.740	ug/l		96
56) Ethyl methacrylate	10.438	69	89244	18.613	ug/l		99
57) 1,3-Dichloropropane	10.719	76	130650	19.389	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	190850m	90.982	ug/l		
59) 2-Hexanone	10.761	43	187387	94.190	ug/l		99
60) Dibromochloromethane	10.908	129	115907	20.412	ug/l		100
61) 1,2-Dibromoethane	11.011	107	78579	20.062	ug/l		100
64) Tetrachloroethene	10.646	164	167648	22.438	ug/l		97
65) Chlorobenzene	11.438	112	326360	20.109	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	116412	20.396	ug/l		99
67) Ethyl Benzene	11.517	91	523606	19.768	ug/l		99
68) m/p-Xylenes	11.627	106	426913	40.211	ug/l		100
69) o-Xylene	11.956	106	195021	19.843	ug/l		96
70) Styrene	11.968	104	327934	20.208	ug/l		99
71) Bromoform	12.133	173	71119	20.814	ug/l	#	99
73) Isopropylbenzene	12.255	105	513183	20.136	ug/l		99
74) N-amyl acetate	12.072	43	85063	17.860	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	76821	18.069	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	74100m	19.634	ug/l		
77) Bromobenzene	12.529	156	135402	20.700	ug/l		98
78) n-propylbenzene	12.596	91	597829	19.945	ug/l		100
79) 2-Chlorotoluene	12.676	91	349203	20.179	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	418684	20.208	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	26922	19.234	ug/l		98
82) 4-Chlorotoluene	12.773	91	361458	20.000	ug/l		99
83) tert-Butylbenzene	12.993	119	377277	19.983	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	413292	20.162	ug/l		100
85) sec-Butylbenzene	13.176	105	546582	19.990	ug/l		100
86) p-Isopropyltoluene	13.291	119	464005	20.081	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	262901	20.347	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	259217	20.230	ug/l		99
89) n-Butylbenzene	13.615	91	401893	19.697	ug/l		98
90) Hexachloroethane	13.877	117	98983	19.730	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	231199	20.507	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12668	18.802	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	137963	20.770	ug/l		99
94) Hexachlorobutadiene	15.023	225	87575	21.159	ug/l		99
95) Naphthalene	15.145	128	206017	19.467	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	121656	21.113	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

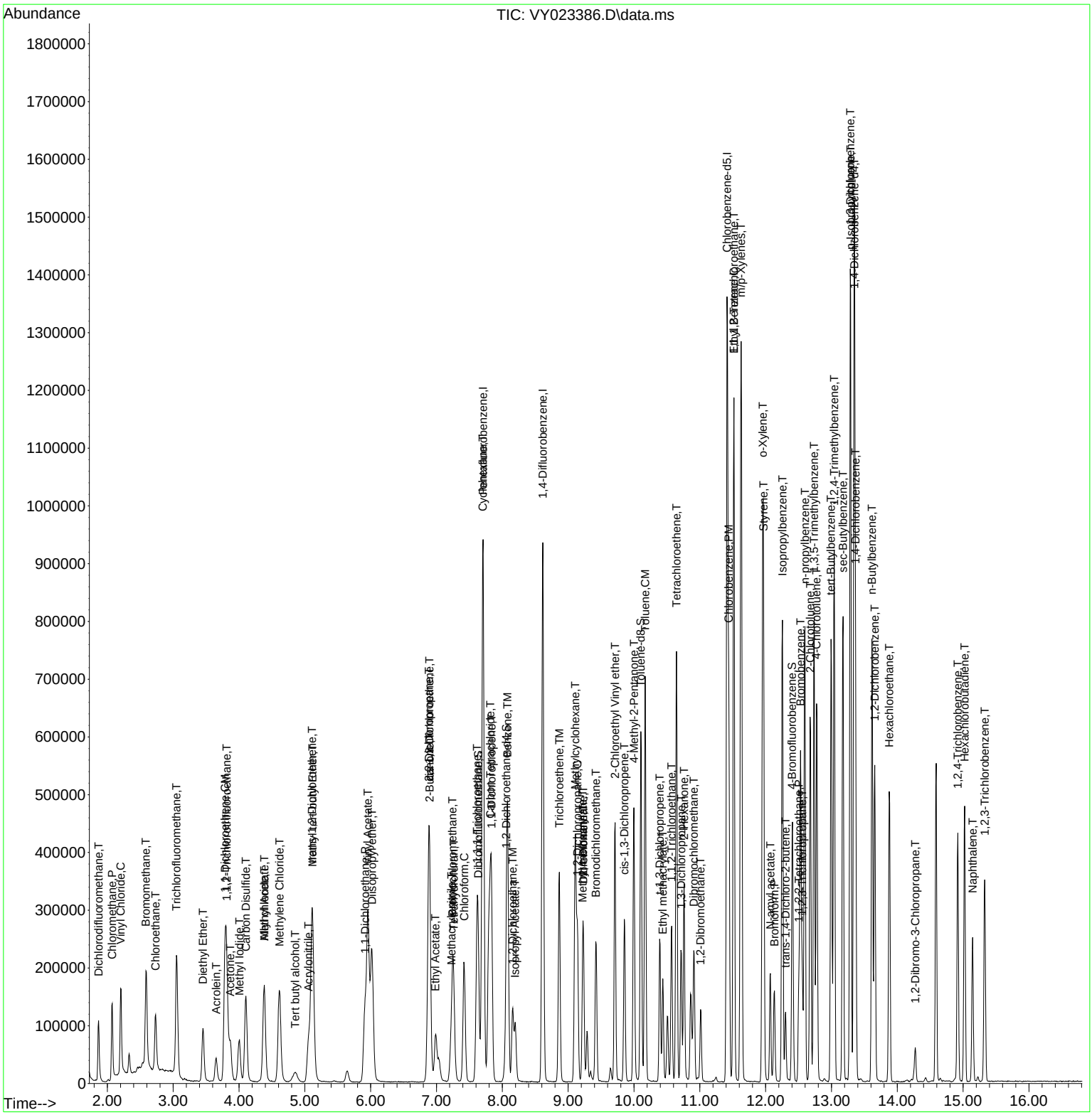
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	590340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	858767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	749869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	392169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	231295	45.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.480%			
35) Dibromofluoromethane	7.634	113	256331	49.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.360%			
50) Toluene-d8	10.103	98	969649	49.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.402	95	313426	50.546	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	189467	40.745	ug/l	100
3) Chloromethane	2.068	50	265142	40.113	ug/l	100
4) Vinyl Chloride	2.202	62	352993	42.293	ug/l	100
5) Bromomethane	2.592	94	277005	40.458	ug/l	100
6) Chloroethane	2.733	64	244551	43.157	ug/l	100
7) Trichlorofluoromethane	3.056	101	496981	46.354	ug/l	100
8) Diethyl Ether	3.452	74	126634	45.158	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	258100	45.039	ug/l	100
10) Methyl Iodide	4.001	142	317731	47.979	ug/l	100
11) Tert butyl alcohol	4.860	59	73642	244.793	ug/l	100
12) 1,1-Dichloroethene	3.787	96	252190	45.738	ug/l	100
13) Acrolein	3.647	56	123642	242.575	ug/l	100
14) Allyl chloride	4.379	41	310569	44.989	ug/l	100
15) Acrylonitrile	5.055	53	240668	219.075	ug/l	100
16) Acetone	3.866	43	247122	214.955	ug/l	100
17) Carbon Disulfide	4.104	76	722982	42.028	ug/l	100
18) Methyl Acetate	4.385	43	144816	49.563	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	601934	46.626	ug/l	100
20) Methylene Chloride	4.616	84	270612	43.409	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	277516	45.256	ug/l	100
22) Diisopropyl ether	6.019	45	686481	44.844	ug/l	100
23) Vinyl Acetate	5.958	43	1843784	219.119	ug/l	100
24) 1,1-Dichloroethane	5.915	63	448267	44.423	ug/l	100
25) 2-Butanone	6.890	43	310237	218.327	ug/l	100
26) 2,2-Dichloropropane	6.884	77	416391	46.440	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	320028	46.010	ug/l	100
28) Bromochloromethane	7.244	49	157414	40.211	ug/l	100
29) Tetrahydrofuran	7.262	42	187787	222.653	ug/l	100
30) Chloroform	7.421	83	493098	45.316	ug/l	100
31) Cyclohexane	7.701	56	379644	42.602	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	452713	46.347	ug/l	100
36) 1,1-Dichloropropene	7.835	75	341353	46.424	ug/l	100
37) Ethyl Acetate	6.982	43	129053	44.394	ug/l	100
38) Carbon Tetrachloride	7.817	117	413187	48.374	ug/l	100
39) Methylcyclohexane	9.109	83	452959	48.113	ug/l	100
40) Benzene	8.079	78	1080883	47.154	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	68542	45.399	ug/l		100
42) 1,2-Dichloroethane	8.152	62	270387	46.350	ug/l		100
43) Isopropyl Acetate	8.195	43	259041	45.811	ug/l		100
44) Trichloroethene	8.866	130	315104	48.982	ug/l		100
45) 1,2-Dichloropropane	9.140	63	234978	45.555	ug/l		100
46) Dibromomethane	9.231	93	148914	47.198	ug/l		100
47) Bromodichloromethane	9.420	83	377084	47.482	ug/l		100
48) Methyl methacrylate	9.219	41	126732	48.027	ug/l		100
49) 1,4-Dioxane	9.225	88	34053	1042.312	ug/l		100
51) 4-Methyl-2-Pentanone	9.993	43	682879	235.772	ug/l		100
52) Toluene	10.170	92	710404	48.824	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	330392	48.438	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	390619	47.910	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	198478	47.296	ug/l		100
56) Ethyl methacrylate	10.438	69	239407	49.535	ug/l		100
57) 1,3-Dichloropropane	10.713	76	321276	47.301	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	553816	261.921	ug/l		100
59) 2-Hexanone	10.756	43	479606	239.162	ug/l		100
60) Dibromochloromethane	10.908	129	281047	49.103	ug/l		100
61) 1,2-Dibromoethane	11.012	107	191356	48.468	ug/l		100
64) Tetrachloroethene	10.646	164	392056	52.264	ug/l		100
65) Chlorobenzene	11.438	112	789650	48.460	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	279583	48.788	ug/l		100
67) Ethyl Benzene	11.518	91	1332350	50.099	ug/l		100
68) m/p-Xylenes	11.627	106	1077583	101.092	ug/l		100
69) o-Xylene	11.950	106	502722	50.946	ug/l		100
70) Styrene	11.969	104	831908	51.059	ug/l		100
71) Bromoform	12.127	173	172315	50.229	ug/l	#	100
73) Isopropylbenzene	12.249	105	1301009	49.803	ug/l		100
74) N-amyl acetate	12.066	43	227684	46.640	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	195565	44.878	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	169814m	43.898	ug/l		
77) Bromobenzene	12.530	156	331331	49.419	ug/l		100
78) n-propylbenzene	12.591	91	1522965	49.572	ug/l		100
79) 2-Chlorotoluene	12.676	91	873335	49.235	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	1061112	49.966	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	66299	46.212	ug/l		100
82) 4-Chlorotoluene	12.773	91	892764	48.192	ug/l		100
83) tert-Butylbenzene	12.993	119	988936	51.104	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1061159	50.505	ug/l		100
85) sec-Butylbenzene	13.170	105	1405003	50.133	ug/l		100
86) p-Isopropyltoluene	13.286	119	1210644	51.115	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	649899	49.072	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	636694	48.476	ug/l		100
89) n-Butylbenzene	13.615	91	1051949	50.299	ug/l		100
90) Hexachloroethane	13.877	117	245108	47.664	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	567114	49.075	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32585	47.184	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	359833	52.852	ug/l		100
94) Hexachlorobutadiene	15.017	225	226316	53.346	ug/l		100
95) Naphthalene	15.139	128	575044	53.012	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	310831	52.628	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

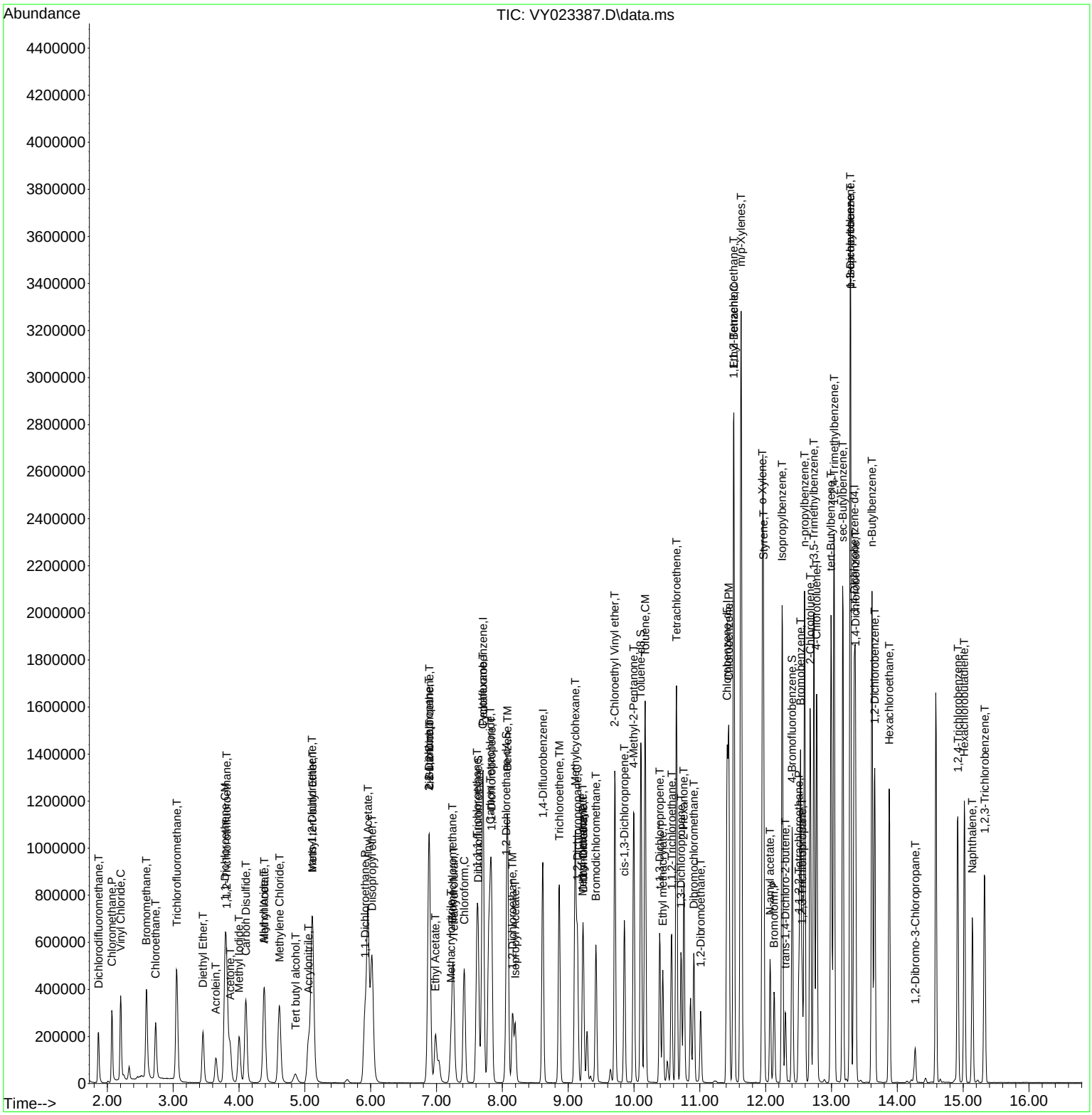
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	595770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	764361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	400285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	467005	90.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.020%#			
35) Dibromofluoromethane	7.634	113	511478	98.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.000%#			
50) Toluene-d8	10.103	98	1919872	98.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 196.060%#			
62) 4-Bromofluorobenzene	12.401	95	636435	103.007	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.020%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	368985	78.627	ug/l	96
3) Chloromethane	2.068	50	521606	78.195	ug/l	96
4) Vinyl Chloride	2.202	62	711235	84.438	ug/l	100
5) Bromomethane	2.586	94	574957	83.210	ug/l	99
6) Chloroethane	2.732	64	491625	85.968	ug/l	99
7) Trichlorofluoromethane	3.049	101	1012851	93.610	ug/l	99
8) Diethyl Ether	3.452	74	266779	94.266	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	511482	88.441	ug/l	100
10) Methyl Iodide	4.001	142	651575	97.495	ug/l	99
11) Tert butyl alcohol	4.866	59	172718	568.898	ug/l	99
12) 1,1-Dichloroethene	3.787	96	508059	91.303	ug/l	96
13) Acrolein	3.647	56	262636	510.573	ug/l	99
14) Allyl chloride	4.378	41	637073	91.446	ug/l	99
15) Acrylonitrile	5.055	53	522511	471.296	ug/l	100
16) Acetone	3.866	43	504700	435.004	ug/l	98
17) Carbon Disulfide	4.104	76	1442005	83.061	ug/l	99
18) Methyl Acetate	4.385	43	316911	107.474	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	1300206	99.797	ug/l	97
20) Methylene Chloride	4.610	84	552018	87.742	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	569334	91.999	ug/l	96
22) Diisopropyl ether	6.018	45	1423347	92.133	ug/l	97
23) Vinyl Acetate	5.957	43	3975052	468.098	ug/l	99
24) 1,1-Dichloroethane	5.915	63	911619	89.517	ug/l	99
25) 2-Butanone	6.890	43	685693	478.154	ug/l	99
26) 2,2-Dichloropropane	6.884	77	833452	92.108	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	670773	95.557	ug/l	98
28) Bromochloromethane	7.244	49	321657	81.418	ug/l	99
29) Tetrahydrofuran	7.262	42	415867	488.587	ug/l	99
30) Chloroform	7.421	83	1003722	91.401	ug/l	100
31) Cyclohexane	7.701	56	767083	85.293	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	910837	92.399	ug/l	100
36) 1,1-Dichloropropene	7.835	75	692477	94.516	ug/l	99
37) Ethyl Acetate	6.982	43	280560	96.859	ug/l	98
38) Carbon Tetrachloride	7.817	117	833170	97.894	ug/l	99
39) Methylcyclohexane	9.109	83	947664	101.024	ug/l	99
40) Benzene	8.079	78	2192645	96.000	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	152239	101.200	ug/l		98
42) 1,2-Dichloroethane	8.158	62	554810	95.449	ug/l		100
43) Isopropyl Acetate	8.195	43	573653	101.815	ug/l		99
44) Trichloroethene	8.866	130	636149	99.245	ug/l		100
45) 1,2-Dichloropropane	9.140	63	485084	94.381	ug/l		99
46) Dibromomethane	9.231	93	309964	98.596	ug/l		99
47) Bromodichloromethane	9.420	83	769238	97.210	ug/l		99
48) Methyl methacrylate	9.219	41	282582	107.476	ug/l		99
49) 1,4-Dioxane	9.225	88	77305	2374.722	ug/l		99
51) 4-Methyl-2-Pentanone	9.993	43	1539324	533.386	ug/l		100
52) Toluene	10.170	92	1462927	100.905	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	710475	104.537	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	822967	101.302	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	417623	99.875	ug/l		96
56) Ethyl methacrylate	10.438	69	549366	114.077	ug/l		99
57) 1,3-Dichloropropane	10.713	76	670961	99.140	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	1240361	588.731	ug/l		99
59) 2-Hexanone	10.755	43	1081568	541.284	ug/l		99
60) Dibromochloromethane	10.908	129	593878	104.133	ug/l		100
61) 1,2-Dibromoethane	11.011	107	406293	103.280	ug/l		99
64) Tetrachloroethene	10.646	164	767753	100.406	ug/l		99
65) Chlorobenzene	11.438	112	1655143	99.649	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	586878	100.470	ug/l		99
67) Ethyl Benzene	11.517	91	2788252	102.856	ug/l		98
68) m/p-Xylenes	11.627	106	2243033	206.437	ug/l		100
69) o-Xylene	11.950	106	1072335	106.611	ug/l		99
70) Styrene	11.969	104	1782757	107.344	ug/l		100
71) Bromoform	12.127	173	373208	106.727	ug/l	#	100
73) Isopropylbenzene	12.249	105	2741698	102.825	ug/l		100
74) N-amyl acetate	12.066	43	532255	106.818	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	434720	97.735	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	364622m	92.345	ug/l		
77) Bromobenzene	12.529	156	701741	102.545	ug/l		100
78) n-propylbenzene	12.590	91	3165894	100.958	ug/l		99
79) 2-Chlorotoluene	12.676	91	1800124	99.426	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	2219080	102.374	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	148302	101.273	ug/l		98
82) 4-Chlorotoluene	12.773	91	1854165	98.060	ug/l		99
83) tert-Butylbenzene	12.993	119	2028198	102.684	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	2227197	103.853	ug/l		100
85) sec-Butylbenzene	13.170	105	2932949	102.530	ug/l		100
86) p-Isopropyltoluene	13.285	119	2548220	105.408	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	1361716	100.735	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	1323618	98.734	ug/l		100
89) n-Butylbenzene	13.615	91	2223744	104.174	ug/l		99
90) Hexachloroethane	13.877	117	514746	98.069	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1193043	101.146	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	70107	99.458	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	806328	116.031	ug/l		99
94) Hexachlorobutadiene	15.017	225	470072	108.557	ug/l		99
95) Naphthalene	15.139	128	1378291	124.485	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	693477	115.034	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

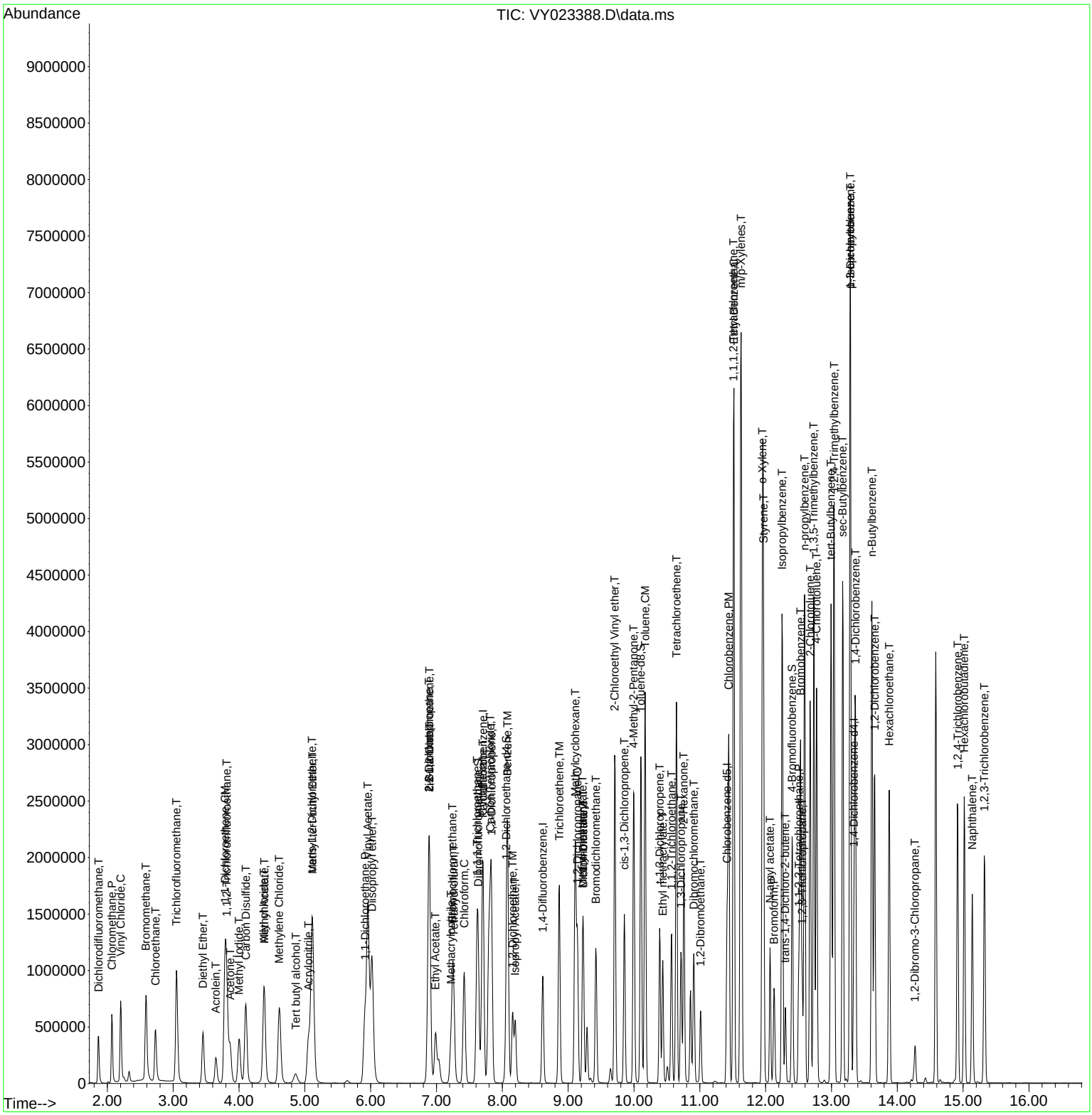
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	588489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	765357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	402368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	714730	140.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 280.480%#			
35) Dibromofluoromethane	7.634	113	778632	149.977	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 299.960%#			
50) Toluene-d8	10.103	98	2912319	148.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 297.480%#			
62) 4-Bromofluorobenzene	12.402	95	990964	160.423	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 320.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	587619	126.766	ug/l	97
3) Chloromethane	2.068	50	825167	125.233	ug/l	100
4) Vinyl Chloride	2.208	62	1118134	134.387	ug/l	100
5) Bromomethane	2.580	94	915389	134.118	ug/l	98
6) Chloroethane	2.726	64	756912	133.994	ug/l	99
7) Trichlorofluoromethane	3.050	101	1549160	144.948	ug/l	100
8) Diethyl Ether	3.452	74	418615	149.747	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	786278	137.639	ug/l	99
10) Methyl Iodide	4.007	142	992925	150.409	ug/l	99
11) Tert butyl alcohol	4.866	59	288878	963.279	ug/l	99
12) 1,1-Dichloroethene	3.787	96	781235	142.133	ug/l	97
13) Acrolein	3.653	56	423418	833.323	ug/l	100
14) Allyl chloride	4.385	41	988378	143.628	ug/l	99
15) Acrylonitrile	5.055	53	841857	768.735	ug/l	99
16) Acetone	3.866	43	789668	689.040	ug/l	99
17) Carbon Disulfide	4.104	76	2199339	128.252	ug/l	100
18) Methyl Acetate	4.385	43	505344	173.497	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	2056533	159.802	ug/l	97
20) Methylene Chloride	4.616	84	835005	134.365	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	871380	142.549	ug/l	98
22) Diisopropyl ether	6.019	45	2218430	145.375	ug/l	99
23) Vinyl Acetate	5.958	43	6377047	760.246	ug/l	99
24) 1,1-Dichloroethane	5.915	63	1398477	139.024	ug/l	98
25) 2-Butanone	6.890	43	1116343	788.091	ug/l	97
26) 2,2-Dichloropropane	6.884	77	1281633	143.391	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	1043574	150.505	ug/l	98
28) Bromochloromethane	7.244	49	482210	123.567	ug/l	99
29) Tetrahydrofuran	7.262	42	687719	817.972	ug/l	100
30) Chloroform	7.421	83	1542715	142.221	ug/l	99
31) Cyclohexane	7.701	56	1192778	134.268	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	1405131	144.305	ug/l	100
36) 1,1-Dichloropropene	7.835	75	1069665	146.031	ug/l	100
37) Ethyl Acetate	6.982	43	460027	158.853	ug/l	98
38) Carbon Tetrachloride	7.817	117	1290353	151.646	ug/l	99
39) Methylcyclohexane	9.109	83	1496612	159.580	ug/l	99
40) Benzene	8.079	78	3366812	147.442	ug/l	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	246974	164.212	ug/l		98
42) 1,2-Dichloroethane	8.158	62	866250	149.063	ug/l		100
43) Isopropyl Acetate	8.195	43	946087	167.955	ug/l		100
44) Trichloroethene	8.866	130	966011	150.740	ug/l		99
45) 1,2-Dichloropropane	9.140	63	752286	146.403	ug/l		99
46) Dibromomethane	9.231	93	483702	153.895	ug/l		99
47) Bromodichloromethane	9.420	83	1202247	151.965	ug/l		98
48) Methyl methacrylate	9.219	41	463614	176.368	ug/l		100
49) 1,4-Dioxane	9.225	88	123991	3809.726	ug/l		97
51) 4-Methyl-2-Pentanone	9.993	43	2516107	872.045	ug/l		100
52) Toluene	10.170	92	2272574	156.786	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	1123644	165.367	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	1296713	159.654	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	652242	156.020	ug/l		96
56) Ethyl methacrylate	10.438	69	886127	184.048	ug/l		100
57) 1,3-Dichloropropane	10.713	76	1049593	155.122	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	2040136	968.559	ug/l		100
59) 2-Hexanone	10.755	43	1776032	889.038	ug/l		99
60) Dibromochloromethane	10.908	129	935577	164.084	ug/l		99
61) 1,2-Dibromoethane	11.012	107	639895	162.699	ug/l		99
64) Tetrachloroethene	10.646	164	1046931	136.739	ug/l		98
65) Chlorobenzene	11.438	112	2563176	154.117	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	923367	157.870	ug/l		99
67) Ethyl Benzene	11.518	91	4341801	159.957	ug/l		97
68) m/p-Xylenes	11.627	106	3502137	321.899	ug/l		99
69) o-Xylene	11.950	106	1694987	168.295	ug/l		98
70) Styrene	11.969	104	2830398	170.203	ug/l		99
71) Bromoform	12.127	173	602644	172.115	ug/l	#	99
73) Isopropylbenzene	12.249	105	4290662	160.084	ug/l		100
74) N-amyl acetate	12.066	43	890882	177.866	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	737773	165.010	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	565754m	142.542	ug/l		
77) Bromobenzene	12.530	156	1111318	161.555	ug/l		100
78) n-propylbenzene	12.591	91	4932015	156.465	ug/l		99
79) 2-Chlorotoluene	12.676	91	2822049	155.063	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	3496249	160.460	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	245190	166.570	ug/l		98
82) 4-Chlorotoluene	12.773	91	2902371	152.701	ug/l		99
83) tert-Butylbenzene	12.993	119	3220384	162.197	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	3503639	162.527	ug/l		99
85) sec-Butylbenzene	13.170	105	4560715	158.609	ug/l		99
86) p-Isopropyltoluene	13.286	119	4024712	165.622	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	2165278	159.350	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	2090133	155.104	ug/l		100
89) n-Butylbenzene	13.615	91	3505715	163.379	ug/l		99
90) Hexachloroethane	13.877	117	799264	151.487	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1862691	157.101	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	116273	164.099	ug/l		96
93) 1,2,4-Trichlorobenzene	14.913	180	1272621	182.183	ug/l		100
94) Hexachlorobutadiene	15.017	225	711748	163.518	ug/l		98
95) Naphthalene	15.139	128	2277549	204.639	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	1110193	183.206	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

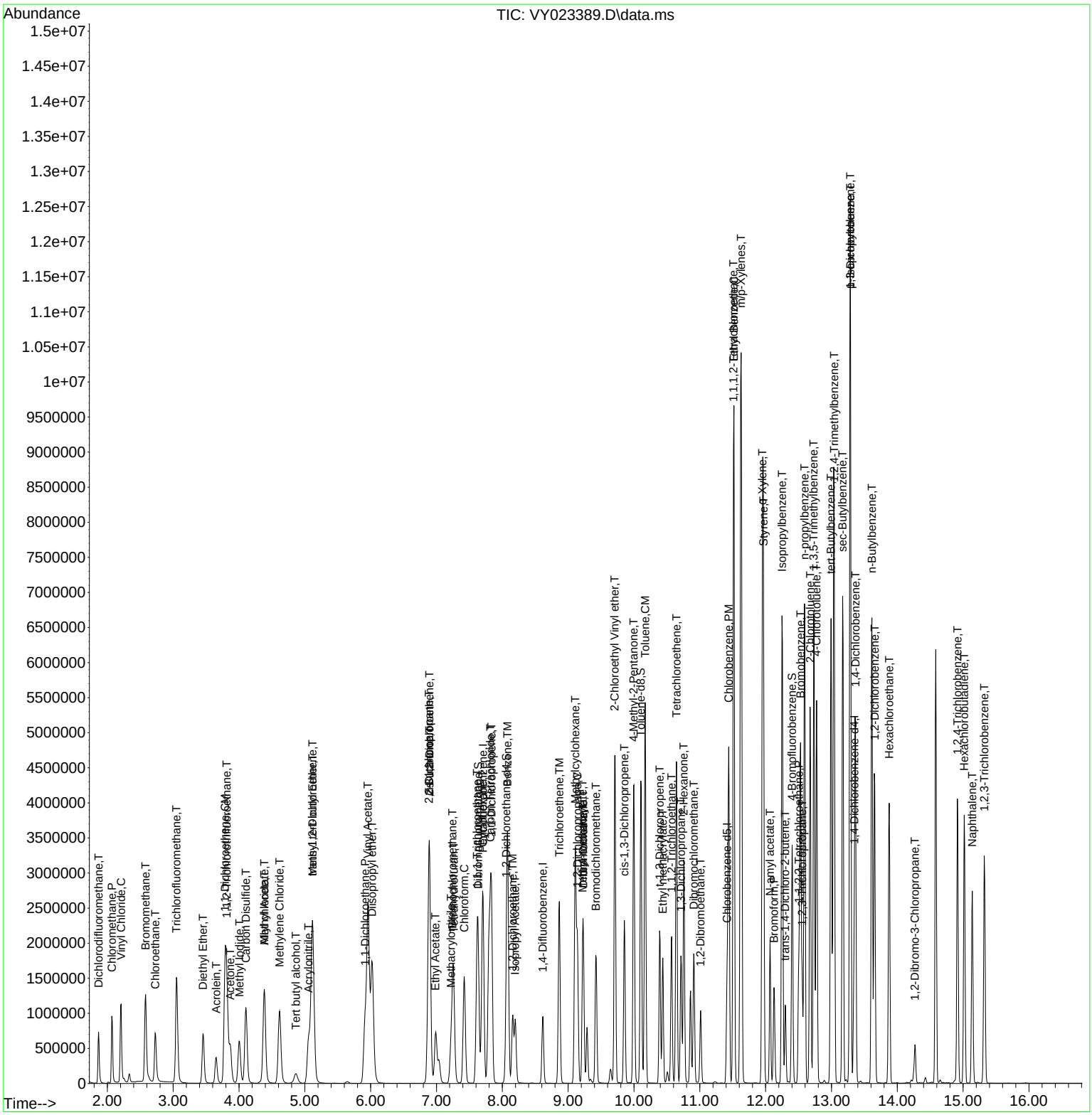
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

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

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	861639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	771372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	405636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237493	49.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.900%			
35) Dibromofluoromethane	7.634	113	260038	49.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.103	98	970614	49.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.402	95	324700	49.881	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	185683	44.916	ug/l	99
3) Chloromethane	2.068	50	295766	52.519	ug/l	98
4) Vinyl Chloride	2.208	62	362714	49.449	ug/l	100
5) Bromomethane	2.598	94	300735	48.856	ug/l	98
6) Chloroethane	2.739	64	256831	51.367	ug/l	99
7) Trichlorofluoromethane	3.056	101	494789	48.582	ug/l	99
8) Diethyl Ether	3.458	74	135857	51.050	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	257524	48.728	ug/l	100
10) Methyl Iodide	4.007	142	305209	51.875	ug/l	98
11) Tert butyl alcohol	4.860	59	82562	231.079	ug/l	100
12) 1,1-Dichloroethene	3.787	96	254382	49.653	ug/l	97
13) Acrolein	3.653	56	124288	246.184	ug/l	99
14) Allyl chloride	4.385	41	316213	50.645	ug/l	99
15) Acrylonitrile	5.055	53	256219	251.575	ug/l	99
16) Acetone	3.866	43	243433	212.910	ug/l	98
17) Carbon Disulfide	4.104	76	733457	50.021	ug/l	100
18) Methyl Acetate	4.385	43	151281	50.439	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	643111	52.230	ug/l	97
20) Methylene Chloride	4.616	84	324604	52.503	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	290384	51.482	ug/l	98
22) Diisopropyl ether	6.019	45	709381	51.364	ug/l	99
23) Vinyl Acetate	5.958	43	1950969	260.981	ug/l	99
24) 1,1-Dichloroethane	5.915	63	464207	50.742	ug/l	98
25) 2-Butanone	6.890	43	325351	233.083	ug/l	99
26) 2,2-Dichloropropane	6.884	77	416585	49.626	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	341964	52.485	ug/l	97
28) Bromochloromethane	7.244	49	155146	45.427	ug/l	100
29) Tetrahydrofuran	7.262	42	200513	253.317	ug/l	99
30) Chloroform	7.421	83	513997	51.137	ug/l	98
31) Cyclohexane	7.701	56	378819	47.416	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	456112	49.934	ug/l	100
36) 1,1-Dichloropropene	7.835	75	348786	49.761	ug/l	99
37) Ethyl Acetate	6.982	43	138119	49.740	ug/l	98
38) Carbon Tetrachloride	7.817	117	413653	48.671	ug/l	99
39) Methylcyclohexane	9.109	83	456031	49.970	ug/l	99
40) Benzene	8.079	78	1107790	49.906	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

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

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.220	41	72100	48.008	ug/l		96
42)	1,2-Dichloroethane	8.158	62	282332	49.318	ug/l		99
43)	Isopropyl Acetate	8.195	43	279887	50.548	ug/l		100
44)	Trichloroethene	8.866	130	319131	49.120	ug/l		98
45)	1,2-Dichloropropane	9.140	63	246887	50.355	ug/l		100
46)	Dibromomethane	9.231	93	157758	50.885	ug/l		98
47)	Bromodichloromethane	9.420	83	393918	50.450	ug/l		99
48)	Methyl methacrylate	9.219	41	128606	49.440	ug/l		95
49)	1,4-Dioxane	9.231	88	37356	1039.252	ug/l		97
51)	4-Methyl-2-Pentanone	10.000	43	724992	253.421	ug/l		100
52)	Toluene	10.170	92	743055	51.556	ug/l		99
53)	t-1,3-Dichloropropene	10.390	75	347336	51.160	ug/l		99
54)	cis-1,3-Dichloropropene	9.853	75	413860	51.649	ug/l		99
55)	1,1,2-Trichloroethane	10.573	97	210245	50.430	ug/l		97
56)	Ethyl methacrylate	10.438	69	256731	53.385	ug/l		99
57)	1,3-Dichloropropane	10.713	76	337673	51.113	ug/l		99
58)	2-Chloroethyl Vinyl ether	9.713	63	586266	272.133	ug/l		100
59)	2-Hexanone	10.762	43	501877	245.480	ug/l		99
60)	Dibromochloromethane	10.908	129	297946	50.974	ug/l		99
61)	1,2-Dibromoethane	11.018	107	201415	50.658	ug/l		100
64)	Tetrachloroethene	10.646	164	382998	48.087	ug/l		99
65)	Chlorobenzene	11.438	112	828466	49.381	ug/l		100
66)	1,1,1,2-Tetrachloroethane	11.518	131	296157	49.537	ug/l		99
67)	Ethyl Benzene	11.518	91	1380691	50.841	ug/l		100
68)	m/p-Xylenes	11.627	106	1108386	101.757	ug/l		100
69)	o-Xylene	11.950	106	526954	51.577	ug/l		100
70)	Styrene	11.969	104	875709	52.122	ug/l		100
71)	Bromoform	12.133	173	185682	50.070	ug/l	#	98
73)	Isopropylbenzene	12.255	105	1345109	50.318	ug/l		100
74)	N-amyl acetate	12.066	43	245291	51.087	ug/l		99
75)	1,1,2,2-Tetrachloroethane	12.505	83	217245	49.688	ug/l		99
76)	1,2,3-Trichloropropane	12.554	75	153438m	42.874	ug/l		
77)	Bromobenzene	12.530	156	352420	49.590	ug/l		99
78)	n-propylbenzene	12.591	91	1568180	50.694	ug/l		100
79)	2-Chlorotoluene	12.676	91	906610	50.047	ug/l		100
80)	1,3,5-Trimethylbenzene	12.737	105	1106664	51.231	ug/l		99
81)	trans-1,4-Dichloro-2-b...	12.304	75	67959	46.566	ug/l		97
82)	4-Chlorotoluene	12.773	91	941314	50.455	ug/l		100
83)	tert-Butylbenzene	12.993	119	1037510	52.019	ug/l		99
84)	1,2,4-Trimethylbenzene	13.042	105	1110672	51.520	ug/l		99
85)	sec-Butylbenzene	13.176	105	1454774	50.848	ug/l		100
86)	p-Isopropyltoluene	13.292	119	1263377	51.864	ug/l		99
87)	1,3-Dichlorobenzene	13.286	146	686854	49.632	ug/l		99
88)	1,4-Dichlorobenzene	13.365	146	671644	49.140	ug/l		100
89)	n-Butylbenzene	13.615	91	1100086	51.829	ug/l		99
90)	Hexachloroethane	13.877	117	257335	49.116	ug/l		98
91)	1,2-Dichlorobenzene	13.657	146	602989	49.698	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.273	75	34928	48.687	ug/l		99
93)	1,2,4-Trichlorobenzene	14.919	180	386806	51.138	ug/l		100
94)	Hexachlorobutadiene	15.023	225	236040	50.061	ug/l		99
95)	Naphthalene	15.139	128	628190	52.154	ug/l		100
96)	1,2,3-Trichlorobenzene	15.328	180	335267	51.172	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

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

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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

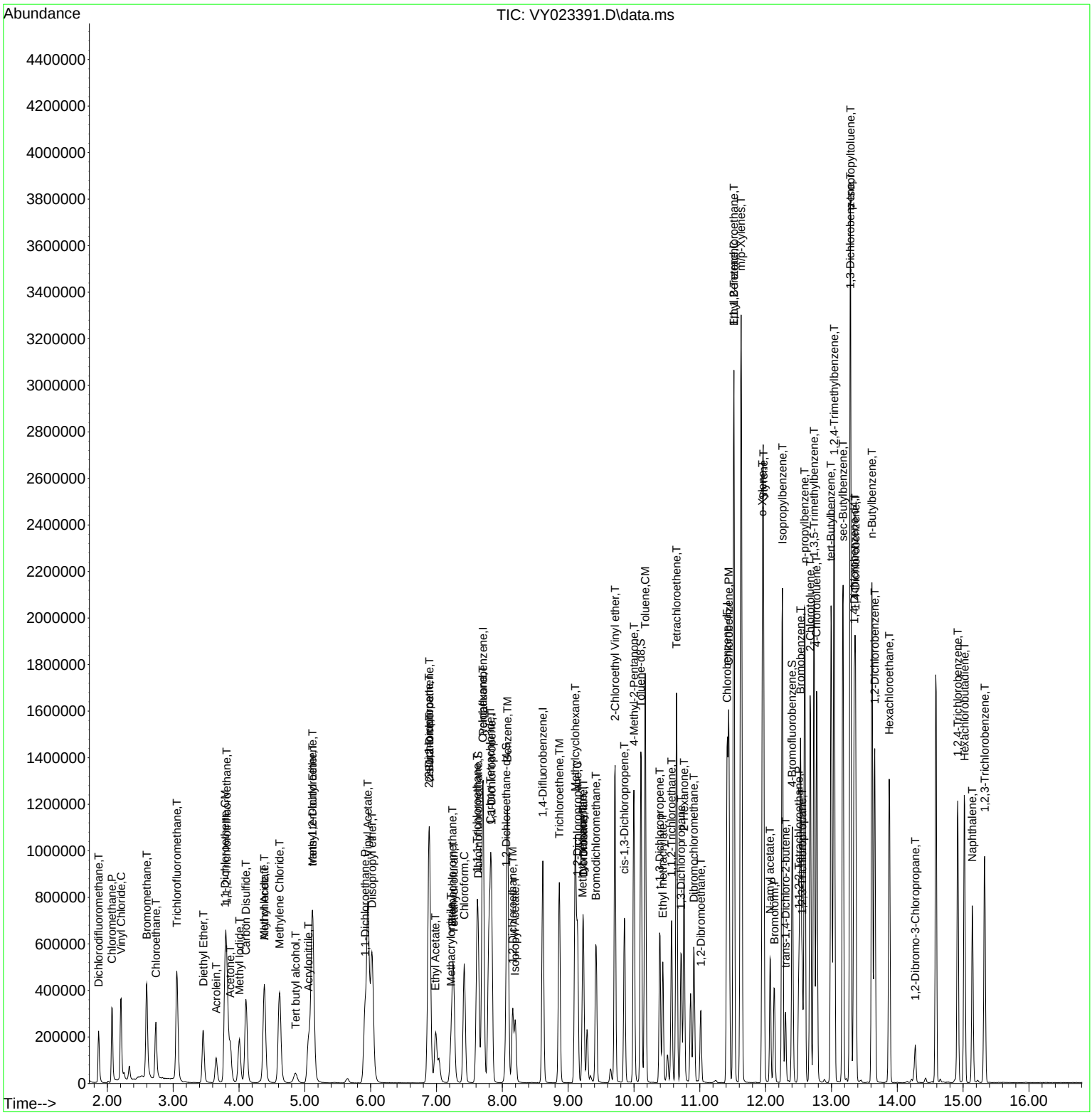
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	50.000	44.916	10.2	98	0.00
3	P	Chloromethane	50.000	52.519	-5.0	112	0.00
4	C	Vinyl Chloride	50.000	49.449	1.1#	103	0.00
5	T	Bromomethane	50.000	48.856	2.3	109	0.00
6	T	Chloroethane	50.000	51.367	-2.7	105	0.00
7	T	Trichlorofluoromethane	50.000	48.582	2.8	100	0.00
8	T	Diethyl Ether	50.000	51.050	-2.1	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.728	2.5	100	0.00
10	T	Methyl Iodide	50.000	51.875	-3.8	96	0.00
11	T	Tert butyl alcohol	250.000	231.079	7.6	112	0.00
12	CM	1,1-Dichloroethene	50.000	49.653	0.7#	101	0.00
13	T	Acrolein	250.000	246.184	1.5	101	0.00
14	T	Allyl chloride	50.000	50.645	-1.3	102	0.00
15	T	Acrylonitrile	250.000	251.575	-0.6	106	0.00
16	T	Acetone	250.000	212.910	14.8	99	0.00
17	T	Carbon Disulfide	50.000	50.021	-0.0	101	0.00
18	T	Methyl Acetate	50.000	50.439	-0.9	104	0.00
19	T	Methyl tert-butyl Ether	50.000	52.230	-4.5	107	0.00
20	T	Methylene Chloride	50.000	52.503	-5.0	120	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.482	-3.0	105	0.00
22	T	Diisopropyl ether	50.000	51.364	-2.7	103	0.00
23	T	Vinyl Acetate	250.000	260.981	-4.4	106	0.00
24	P	1,1-Dichloroethane	50.000	50.742	-1.5	104	0.00
25	T	2-Butanone	250.000	233.083	6.8	105	0.00
26	T	2,2-Dichloropropane	50.000	49.626	0.7	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.485	-5.0	107	0.00
28	T	Bromochloromethane	50.000	45.427	9.1	99	0.00
29	T	Tetrahydrofuran	250.000	253.317	-1.3	107	0.00
30	C	Chloroform	50.000	51.137	-2.3#	104	0.00
31	T	Cyclohexane	50.000	47.416	5.2	100	0.00
32	T	1,1,1-Trichloroethane	50.000	49.934	0.1	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.450	1.1	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	49.116	1.8	101	0.00
36	T	1,1-Dichloropropene	50.000	49.761	0.5	102	0.00
37	T	Ethyl Acetate	50.000	49.740	0.5	107	0.00
38	T	Carbon Tetrachloride	50.000	48.671	2.7	100	0.00
39	T	Methylcyclohexane	50.000	49.970	0.1	101	0.00
40	TM	Benzene	50.000	49.906	0.2	102	0.00
41	T	Methacrylonitrile	50.000	48.008	4.0	105	0.00
42	TM	1,2-Dichloroethane	50.000	49.318	1.4	104	0.00
43	T	Isopropyl Acetate	50.000	50.548	-1.1	108	0.00
44	TM	Trichloroethene	50.000	49.120	1.8	101	0.00
45	C	1,2-Dichloropropane	50.000	50.355	-0.7#	105	0.00
46	T	Dibromomethane	50.000	50.885	-1.8	106	0.00
47	T	Bromodichloromethane	50.000	50.450	-0.9	104	0.00
48	T	Methyl methacrylate	50.000	49.440	1.1	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	1039.252	-3.9	110	0.00
50	S	Toluene-d8	50.000	49.228	1.5	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.421	-1.4	106	0.00
52	CM	Toluene	50.000	51.556	-3.1#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	51.160	-2.3	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.649	-3.3	106	0.00
55	T	1,1,2-Trichloroethane	50.000	50.430	-0.9	106	0.00
56	T	Ethyl methacrylate	50.000	53.385	-6.8	107	0.00
57	T	1,3-Dichloropropane	50.000	51.113	-2.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.133	-8.9	106	0.00
59	T	2-Hexanone	250.000	245.480	1.8	105	0.00
60	T	Dibromochloromethane	50.000	50.974	-1.9	106	0.00
61	T	1,2-Dibromoethane	50.000	50.658	-1.3	105	0.00
62	S	4-Bromofluorobenzene	50.000	49.881	0.2	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	48.087	3.8	98	0.00
65	PM	Chlorobenzene	50.000	49.381	1.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.537	0.9	106	0.00
67	C	Ethyl Benzene	50.000	50.841	-1.7#	104	0.00
68	T	m/p-Xylenes	100.000	101.757	-1.8	103	0.00
69	T	o-Xylene	50.000	51.577	-3.2	105	0.00
70	T	Styrene	50.000	52.122	-4.2	105	0.00
71	P	Bromoform	50.000	50.070	-0.1	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	50.318	-0.6	103	0.00
74	T	N-amyl acetate	50.000	51.087	-2.2	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.688	0.6	111	0.00
76	T	1,2,3-Trichloropropane	50.000	42.874	14.3	90	0.00
77	T	Bromobenzene	50.000	49.590	0.8	106	0.00
78	T	n-propylbenzene	50.000	50.694	-1.4	103	0.00
79	T	2-Chlorotoluene	50.000	50.047	-0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.231	-2.5	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.566	6.9	103	0.00
82	T	4-Chlorotoluene	50.000	50.455	-0.9	105	0.00
83	T	tert-Butylbenzene	50.000	52.019	-4.0	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.520	-3.0	105	0.00
85	T	sec-Butylbenzene	50.000	50.848	-1.7	104	0.00
86	T	p-Isopropyltoluene	50.000	51.864	-3.7	104	0.00
87	T	1,3-Dichlorobenzene	50.000	49.632	0.7	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.140	1.7	105	0.00
89	T	n-Butylbenzene	50.000	51.829	-3.7	105	0.00
90	T	Hexachloroethane	50.000	49.116	1.8	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.698	0.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.687	2.6	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.138	-2.3	107	0.00
94	T	Hexachlorobutadiene	50.000	50.061	-0.1	104	0.00
95	T	Naphthalene	50.000	52.154	-4.3	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.172	-2.3	108	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_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.360	0.323	10.3	98	0.00
3	P	Chloromethane	0.490	0.515	-5.1	112	0.00
4	C	Vinyl Chloride	0.639	0.632	1.1#	103	0.00
5	T	Bromomethane	0.536	0.524	2.2	109	0.00
6	T	Chloroethane	0.435	0.447	-2.8	105	0.00
7	T	Trichlorofluoromethane	0.887	0.862	2.8	100	0.00
8	T	Diethyl Ether	0.232	0.237	-2.2	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.448	2.6	100	0.00
10	T	Methyl Iodide	0.512	0.531	-3.7	96	0.00
11	T	Tert butyl alcohol	0.031	0.029	6.5	112	0.00
12	CM	1,1-Dichloroethene	0.446	0.443	0.7#	101	0.00
13	T	Acrolein	0.044	0.043	2.3	101	0.00
14	T	Allyl chloride	0.544	0.551	-1.3	102	0.00
15	T	Acrylonitrile	0.089	0.089	0.0	106	0.00
16	T	Acetone	0.100	0.085	15.0	99	0.00
17	T	Carbon Disulfide	1.277	1.277	0.0	101	0.00
18	T	Methyl Acetate	0.261	0.263	-0.8	104	0.00
19	T	Methyl tert-butyl Ether	1.072	1.120	-4.5	107	0.00
20	T	Methylene Chloride	0.538	0.565	-5.0	120	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.506	-3.1	105	0.00
22	T	Diisopropyl ether	1.202	1.235	-2.7	103	0.00
23	T	Vinyl Acetate	0.651	0.679	-4.3	106	0.00
24	P	1,1-Dichloroethane	0.796	0.808	-1.5	104	0.00
25	T	2-Butanone	0.122	0.113	7.4	105	0.00
26	T	2,2-Dichloropropane	0.731	0.725	0.8	100	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.595	-4.9	107	0.00
28	T	Bromochloromethane	0.297	0.270	9.1	99	0.00
29	T	Tetrahydrofuran	0.069	0.070	-1.4	107	0.00
30	C	Chloroform	0.875	0.895	-2.3#	104	0.00
31	T	Cyclohexane	0.696	0.660	5.2	100	0.00
32	T	1,1,1-Trichloroethane	0.795	0.794	0.1	101	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.414	1.0	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.307	0.302	1.6	101	0.00
36	T	1,1-Dichloropropene	0.407	0.405	0.5	102	0.00
37	T	Ethyl Acetate	0.161	0.160	0.6	107	0.00
38	T	Carbon Tetrachloride	0.493	0.480	2.6	100	0.00
39	T	Methylcyclohexane	0.530	0.529	0.2	101	0.00
40	TM	Benzene	1.288	1.286	0.2	102	0.00
41	T	Methacrylonitrile	0.087	0.084	3.4	105	0.00
42	TM	1,2-Dichloroethane	0.332	0.328	1.2	104	0.00
43	T	Isopropyl Acetate	0.321	0.325	-1.2	108	0.00
44	TM	Trichloroethene	0.377	0.370	1.9	101	0.00
45	C	1,2-Dichloropropane	0.285	0.287	-0.7#	105	0.00
46	T	Dibromomethane	0.180	0.183	-1.7	106	0.00
47	T	Bromodichloromethane	0.453	0.457	-0.9	104	0.00
48	T	Methyl methacrylate	0.151	0.149	1.3	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.002	0.002	0.0	110	0.00
50	S	Toluene-d8	1.144	1.126	1.6	100	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.168	-1.2	106	0.00
52	CM	Toluene	0.836	0.862	-3.1#	105	0.00
53	T	t-1,3-Dichloropropene	0.394	0.403	-2.3	105	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.480	-3.2	106	0.00
55	T	1,1,2-Trichloroethane	0.242	0.244	-0.8	106	0.00
56	T	Ethyl methacrylate	0.279	0.298	-6.8	107	0.00
57	T	1,3-Dichloropropane	0.383	0.392	-2.3	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.136	-8.8	106	0.00
59	T	2-Hexanone	0.119	0.116	2.5	105	0.00
60	T	Dibromochloromethane	0.339	0.346	-2.1	106	0.00
61	T	1,2-Dibromoethane	0.231	0.234	-1.3	105	0.00
62	S	4-Bromofluorobenzene	0.378	0.377	0.3	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.516	0.497	3.7	98	0.00
65	PM	Chlorobenzene	1.087	1.074	1.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.384	1.0	106	0.00
67	C	Ethyl Benzene	1.760	1.790	-1.7#	104	0.00
68	T	m/p-Xylenes	0.706	0.718	-1.7	103	0.00
69	T	o-Xylene	0.662	0.683	-3.2	105	0.00
70	T	Styrene	1.089	1.135	-4.2	105	0.00
71	P	Bromoform	0.240	0.241	-0.4	108	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.295	3.316	-0.6	103	0.00
74	T	N-amyl acetate	0.592	0.605	-2.2	108	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.536	0.6	111	0.00
76	T	1,2,3-Trichloropropane	0.441	0.378	14.3	90	0.00
77	T	Bromobenzene	0.876	0.869	0.8	106	0.00
78	T	n-propylbenzene	3.813	3.866	-1.4	103	0.00
79	T	2-Chlorotoluene	2.233	2.235	-0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	2.663	2.728	-2.4	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.168	6.7	103	0.00
82	T	4-Chlorotoluene	2.300	2.321	-0.9	105	0.00
83	T	tert-Butylbenzene	2.458	2.558	-4.1	105	0.00
84	T	1,2,4-Trimethylbenzene	2.657	2.738	-3.0	105	0.00
85	T	sec-Butylbenzene	3.527	3.586	-1.7	104	0.00
86	T	p-Isopropyltoluene	3.003	3.115	-3.7	104	0.00
87	T	1,3-Dichlorobenzene	1.706	1.693	0.8	106	0.00
88	T	1,4-Dichlorobenzene	1.685	1.656	1.7	105	0.00
89	T	n-Butylbenzene	2.616	2.712	-3.7	105	0.00
90	T	Hexachloroethane	0.646	0.634	1.9	105	0.00
91	T	1,2-Dichlorobenzene	1.496	1.487	0.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.086	2.3	107	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.954	-2.4	107	0.00
94	T	Hexachlorobutadiene	0.581	0.582	-0.2	104	0.00
95	T	Naphthalene	1.485	1.549	-4.3	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.808	0.827	-2.4	108	0.00

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

Raw Data: **VX048153.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: GENV01
Lab Code: ACE
SDG No.: Q3276
Instrument ID: MSVOA_X
Calibration Date/Time: 10/14/2025 10:02
Lab File ID: VX048153.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.667		28.76	20
Chloromethane	0.680	0.757	0.1	11.32	20
Vinyl Chloride	0.666	0.847		27.18	20
Bromomethane	0.422	0.520		23.22	20
Chloroethane	0.445	0.518		16.4	20
Trichlorofluoromethane	0.989	1.294		30.84	20
1,1,2-Trichlorotrifluoroethane	0.578	0.719		24.39	20
1,1-Dichloroethene	0.594	0.702		18.18	20
Acetone	0.346	0.318		-8.09	20
Carbon Disulfide	1.626	2.086		28.29	20
Methyl tert-butyl Ether	2.169	2.175		0.28	20
Methyl Acetate	0.770	0.685		-11.04	20
Methylene Chloride	0.732	0.779		6.42	20
trans-1,2-Dichloroethene	0.640	0.738		15.31	20
1,1-Dichloroethane	1.263	1.365	0.1	8.08	20
Cyclohexane	1.052	1.169		11.12	20
2-Butanone	0.432	0.397		-8.1	20
Carbon Tetrachloride	0.532	0.645		21.24	20
cis-1,2-Dichloroethene	0.783	0.834		6.51	20
Bromochloromethane	0.551	0.528		-4.17	20
Chloroform	1.276	1.395		9.33	20
1,1,1-Trichloroethane	1.082	1.227		13.4	20
Methylcyclohexane	0.556	0.660		18.7	20
Benzene	1.488	1.679		12.84	20
1,2-Dichloroethane	0.566	0.618		9.19	20
Trichloroethene	0.360	0.415		15.28	20
1,2-Dichloropropane	0.381	0.420		10.24	20
Bromodichloromethane	0.572	0.658		15.03	20
4-Methyl-2-Pentanone	0.477	0.470		-1.47	20
Toluene	0.917	1.028		12.1	20
t-1,3-Dichloropropene	0.584	0.626		7.19	20
cis-1,3-Dichloropropene	0.624	0.683		9.45	20
1,1,2-Trichloroethane	0.354	0.381		7.63	20
2-Hexanone	0.343	0.327		-4.66	20
Dibromochloromethane	0.407	0.473		16.22	20
1,2-Dibromoethane	0.360	0.394		9.44	20
Tetrachloroethene	0.326	0.383		17.49	20
Chlorobenzene	1.136	1.236	0.3	8.8	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: **VX048153.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3276
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/14/2025 10:02
Lab File ID:	VX048153.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.162		10.31	20
m/p-Xylenes	0.729	0.814		11.66	20
o-Xylene	0.706	0.754		6.8	20
Styrene	1.236	1.320		6.8	20
Bromoform	0.293	0.316	0.1	7.85	20
Isopropylbenzene	3.801	3.991		5	20
1,1,2,2-Tetrachloroethane	1.150	1.134	0.3	-1.39	20
1,3-Dichlorobenzene	1.739	1.779		2.3	20
1,4-Dichlorobenzene	1.785	1.799		0.78	20
1,2-Dichlorobenzene	1.657	1.679		1.33	20
1,2-Dibromo-3-Chloropropane	0.233	0.210		-9.87	20
1,2,4-Trichlorobenzene	1.077	1.027		-4.64	20
1,2,3-Trichlorobenzene	1.002	0.966		-3.59	20
1,2-Dichloroethane-d4	0.796	0.845		6.16	20
Dibromofluoromethane	0.335	0.391		16.72	20
Toluene-d8	1.160	1.287		10.95	20
4-Bromofluorobenzene	0.440	0.491		11.59	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_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	124958	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	212282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	195629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	95000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105555	53.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.140%			
35) Dibromofluoromethane	5.367	113	83107	58.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.740%			
50) Toluene-d8	8.634	98	273280	55.475	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.940%			
62) 4-Bromofluorobenzene	11.061	95	104295	55.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	83323	64.394	ug/l	99
3) Chloromethane	1.300	50	94592	55.622	ug/l	99
4) Vinyl Chloride	1.380	62	105820	63.566	ug/l	99
5) Bromomethane	1.611	94	64973	61.550	ug/l	99
6) Chloroethane	1.691	64	64713	58.162	ug/l	97
7) Trichlorofluoromethane	1.892	101	161648	65.398	ug/l	97
8) Diethyl Ether	2.136	74	53778	53.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	89852	62.168	ug/l	99
10) Methyl Iodide	2.453	142	99997	44.362	ug/l	98
11) Tert butyl alcohol	2.940	59	47281	213.436	ug/l	98
12) 1,1-Dichloroethene	2.325	96	87694	59.068	ug/l	93
13) Acrolein	2.233	56	56174	275.177	ug/l	99
14) Allyl chloride	2.666	41	155995	50.919	ug/l	99
15) Acrylonitrile	3.056	53	208181	253.713	ug/l	99
16) Acetone	2.373	43	198490	229.513	ug/l	98
17) Carbon Disulfide	2.514	76	260707	64.145	ug/l	98
18) Methyl Acetate	2.697	43	85646	44.499	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	271738	50.140	ug/l	100
20) Methylene Chloride	2.788	84	97302	53.153	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	92192	57.678	ug/l	97
22) Diisopropyl ether	3.745	45	312969	52.712	ug/l	89
23) Vinyl Acetate	3.709	43	1187970	249.999	ug/l	100
24) 1,1-Dichloroethane	3.599	63	170542	54.042	ug/l	100
25) 2-Butanone	4.532	43	247988	229.881	ug/l	99
26) 2,2-Dichloropropane	4.465	77	139256	53.086	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	104261	53.263	ug/l	99
28) Bromochloromethane	4.879	49	66003	47.909	ug/l	99
29) Tetrahydrofuran	4.983	42	152425	234.875	ug/l	99
30) Chloroform	5.074	83	174306	54.659	ug/l	97
31) Cyclohexane	5.452	56	146119	55.594	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	153370	56.700	ug/l	98
36) 1,1-Dichloropropene	5.672	75	117898	56.673	ug/l	99
37) Ethyl Acetate	4.690	43	106836	47.964	ug/l	99
38) Carbon Tetrachloride	5.659	117	136874	60.555	ug/l	97
39) Methylcyclohexane	7.366	83	140080	59.319	ug/l	96
40) Benzene	6.019	78	356505	56.422	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	59489	51.733	ug/l		98
42) 1,2-Dichloroethane	6.068	62	131107	54.535	ug/l		99
43) Isopropyl Acetate	6.318	43	171708	47.003	ug/l		100
44) Trichloroethene	7.104	130	88141	57.700	ug/l		93
45) 1,2-Dichloropropane	7.409	63	89187	55.124	ug/l		98
46) Dibromomethane	7.562	93	64264	54.583	ug/l		98
47) Bromodichloromethane	7.799	83	139683	57.493	ug/l		98
48) Methyl methacrylate	7.671	41	87675	48.182	ug/l		96
49) 1,4-Dioxane	7.641	88	19859	1079.897	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	499181	246.453	ug/l		99
52) Toluene	8.702	92	218251	56.065	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	132903	53.629	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	145065	54.766	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	80937	53.920	ug/l		99
56) Ethyl methacrylate	9.098	69	117815	49.978	ug/l		98
57) 1,3-Dichloropropane	9.293	76	141969	55.058	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	288271	255.570	ug/l		100
59) 2-Hexanone	9.415	43	347109	238.613	ug/l		99
60) Dibromochloromethane	9.500	129	100375	58.035	ug/l		98
61) 1,2-Dibromoethane	9.592	107	83730	54.765	ug/l		100
64) Tetrachloroethene	9.256	164	74940	58.763	ug/l		98
65) Chlorobenzene	10.061	112	241798	54.406	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	86732	56.554	ug/l		100
67) Ethyl Benzene	10.177	91	423004	55.162	ug/l		100
68) m/p-Xylenes	10.281	106	318453	111.573	ug/l		99
69) o-Xylene	10.622	106	147504	53.430	ug/l		98
70) Styrene	10.640	104	258201	53.377	ug/l		99
71) Bromoform	10.780	173	61853	54.014	ug/l	#	98
73) Isopropylbenzene	10.945	105	379155	52.496	ug/l		99
74) N-amyl acetate	10.823	43	150652	45.741	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	107774	49.321	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	97890m	50.893	ug/l		
77) Bromobenzene	11.183	156	91421	51.393	ug/l		96
78) n-propylbenzene	11.286	91	457693	53.607	ug/l		100
79) 2-Chlorotoluene	11.347	91	269324	51.503	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	312991	52.746	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	35151	46.604	ug/l		98
82) 4-Chlorotoluene	11.433	91	319730	51.769	ug/l		99
83) tert-Butylbenzene	11.695	119	302438	49.789	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	314796	52.326	ug/l		99
85) sec-Butylbenzene	11.872	105	379931	52.657	ug/l		100
86) p-Isopropyltoluene	11.988	119	318657	52.167	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	169017	51.154	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	170864	50.386	ug/l		100
89) n-Butylbenzene	12.311	91	293985	52.013	ug/l		98
90) Hexachloroethane	12.518	117	61342	57.198	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	159552	50.687	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	19922	45.030	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	97532	47.675	ug/l		99
94) Hexachlorobutadiene	13.707	225	34324	49.395	ug/l		99
95) Naphthalene	13.756	128	283930	45.578	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	91741	48.208	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

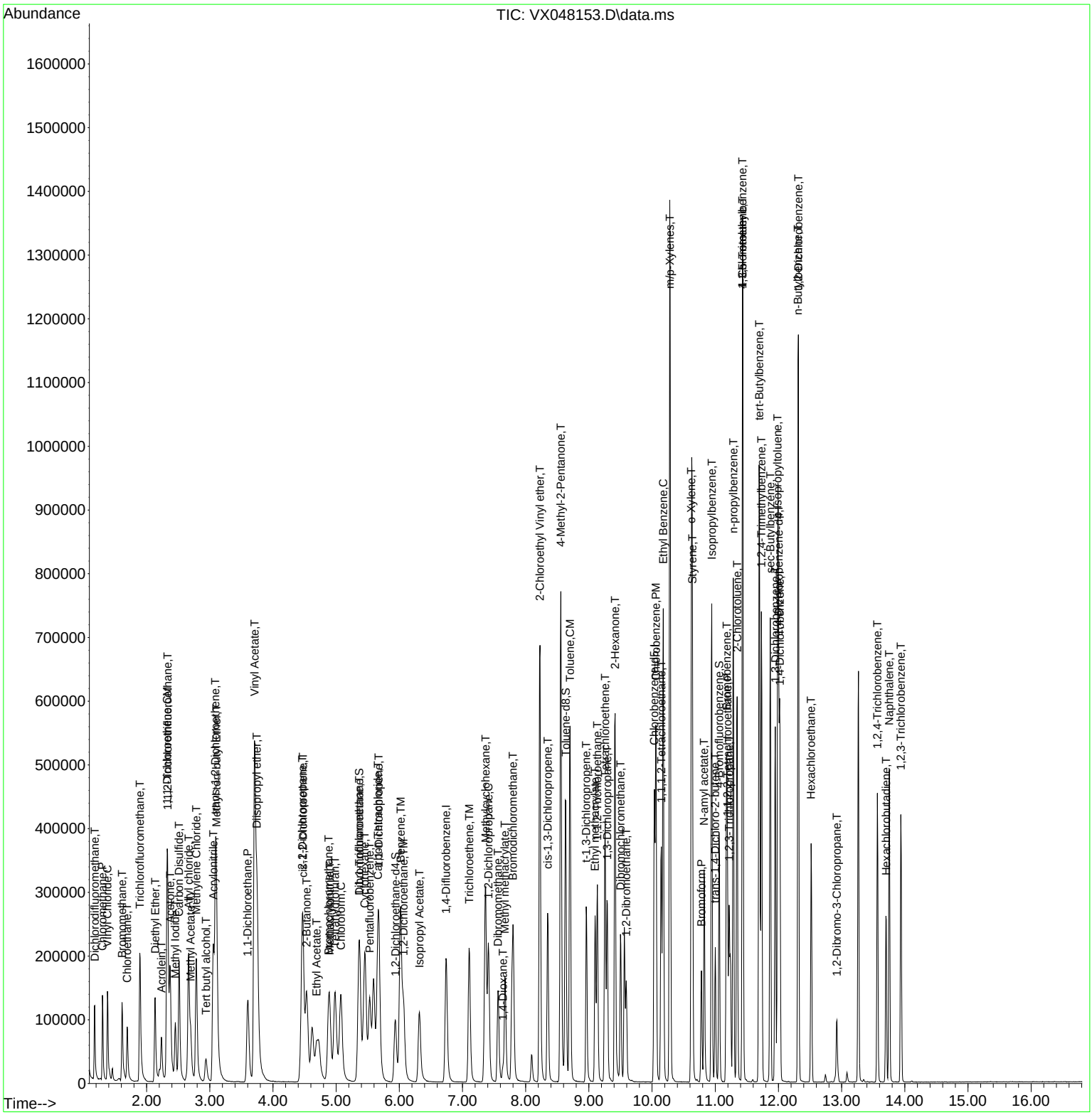
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



Sample Results: **VX048153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	72	-0.01
2	T	Dichlorodifluoromethane	0.518	0.667	-28.8#	96	0.00
3	P	Chloromethane	0.680	0.757	-11.3	82	0.00
4	C	Vinyl Chloride	0.666	0.847	-27.2#	92	0.00
5	T	Bromomethane	0.422	0.520	-23.2	88	0.00
6	T	Chloroethane	0.445	0.518	-16.4	84	0.00
7	T	Trichlorofluoromethane	0.989	1.294	-30.8#	94	0.00
8	T	Diethyl Ether	0.405	0.430	-6.2	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.719	-24.4	89	0.00
10	T	Methyl Iodide	0.902	0.800	11.3	63	0.00
11	T	Tert butyl alcohol	0.089	0.076	14.6	61	0.00
12	CM	1,1-Dichloroethene	0.594	0.702	-18.2#	84	0.00
13	T	Acrolein	0.082	0.090	-9.8	79	0.00
14	T	Allyl chloride	1.226	1.248	-1.8	74	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	69	0.00
16	T	Acetone	0.346	0.318	8.1	72	0.00
17	T	Carbon Disulfide	1.626	2.086	-28.3#	96	0.00
18	T	Methyl Acetate	0.770	0.685	11.0	56	0.00
19	T	Methyl tert-butyl Ether	2.169	2.175	-0.3	70	0.00
20	T	Methylene Chloride	0.732	0.779	-6.4	77	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.738	-15.3	82	0.00
22	T	Diisopropyl ether	2.376	2.505	-5.4	73	-0.01
23	T	Vinyl Acetate	1.901	1.901	0.0	69	0.00
24	P	1,1-Dichloroethane	1.263	1.365	-8.1	76	0.00
25	T	2-Butanone	0.432	0.397	8.1	65	0.00
26	T	2,2-Dichloropropane	1.050	1.114	-6.1	75	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.834	-6.5	74	0.00
28	T	Bromochloromethane	0.551	0.528	4.2	66	-0.01
29	T	Tetrahydrofuran	0.260	0.244	6.2	64	0.00
30	C	Chloroform	1.276	1.395	-9.3#	76	0.00
31	T	Cyclohexane	1.052	1.169	-11.1	82	0.00
32	T	1,1,1-Trichloroethane	1.082	1.227	-13.4	78	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.845	-6.2	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35	S	Dibromofluoromethane	0.335	0.391	-16.7	82	0.00
36	T	1,1-Dichloropropene	0.490	0.555	-13.3	79	-0.01
37	T	Ethyl Acetate	0.525	0.503	4.2	65	-0.01
38	T	Carbon Tetrachloride	0.532	0.645	-21.2	83	-0.01
39	T	Methylcyclohexane	0.556	0.660	-18.7	81	0.00
40	TM	Benzene	1.488	1.679	-12.8	76	0.00
41	T	Methacrylonitrile	0.271	0.280	-3.3	68	0.00
42	TM	1,2-Dichloroethane	0.566	0.618	-9.2	73	0.00
43	T	Isopropyl Acetate	0.860	0.809	5.9	62	0.00
44	TM	Trichloroethene	0.360	0.415	-15.3	77	0.00
45	C	1,2-Dichloropropane	0.381	0.420	-10.2#	73	0.00
46	T	Dibromomethane	0.277	0.303	-9.4	73	0.00
47	T	Bromodichloromethane	0.572	0.658	-15.0	75	0.00
48	T	Methyl methacrylate	0.429	0.413	3.7	63	0.00

Sample Results: **VX048153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	0.004	0.005	-25.0	67	0.00
50	S	Toluene-d8	1.160	1.287	-10.9	78	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.470	1.5	64	0.00
52	CM	Toluene	0.917	1.028	-12.1#	76	0.00
53	T	t-1,3-Dichloropropene	0.584	0.626	-7.2	70	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.683	-9.5	72	0.00
55	T	1,1,2-Trichloroethane	0.354	0.381	-7.6	72	0.00
56	T	Ethyl methacrylate	0.555	0.555	0.0	64	0.00
57	T	1,3-Dichloropropane	0.607	0.669	-10.2	72	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.272	-19.8	69	0.00
59	T	2-Hexanone	0.343	0.327	4.7	63	0.00
60	T	Dibromochloromethane	0.407	0.473	-16.2	75	0.00
61	T	1,2-Dibromoethane	0.360	0.394	-9.4	72	0.00
62	S	4-Bromofluorobenzene	0.440	0.491	-11.6	79	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.326	0.383	-17.5	85	0.00
65	PM	Chlorobenzene	1.136	1.236	-8.8	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.443	-13.0	78	0.00
67	C	Ethyl Benzene	1.960	2.162	-10.3#	77	0.00
68	T	m/p-Xylenes	0.729	0.814	-11.7	77	0.00
69	T	o-Xylene	0.706	0.754	-6.8	73	0.00
70	T	Styrene	1.236	1.320	-6.8	74	0.00
71	P	Bromoform	0.293	0.316	-7.8	73	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73	T	Isopropylbenzene	3.801	3.991	-5.0	73	0.00
74	T	N-amyl acetate	1.733	1.586	8.5	63	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.134	1.4	69	0.00
76	T	1,2,3-Trichloropropane	1.012	1.030	-1.8	68	0.00
77	T	Bromobenzene	0.936	0.962	-2.8	72	0.00
78	T	n-propylbenzene	4.494	4.818	-7.2	75	0.00
79	T	2-Chlorotoluene	2.752	2.835	-3.0	72	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.295	-5.5	73	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.370	6.8	66	0.00
82	T	4-Chlorotoluene	3.251	3.366	-3.5	73	0.00
83	T	tert-Butylbenzene	3.197	3.184	0.4	70	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.314	-4.7	74	0.00
85	T	sec-Butylbenzene	3.797	3.999	-5.3	74	0.00
86	T	p-Isopropyltoluene	3.215	3.354	-4.3	73	0.00
87	T	1,3-Dichlorobenzene	1.739	1.779	-2.3	73	0.00
88	T	1,4-Dichlorobenzene	1.785	1.799	-0.8	73	0.00
89	T	n-Butylbenzene	2.975	3.095	-4.0	73	0.00
90	T	Hexachloroethane	0.564	0.646	-14.5	81	0.00
91	T	1,2-Dichlorobenzene	1.657	1.679	-1.3	72	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.210	9.9	61	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.027	4.6	66	0.00
94	T	Hexachlorobutadiene	0.366	0.361	1.4	70	0.00
95	T	Naphthalene	3.279	2.989	8.8	63	0.00

Sample Results: **VX048153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1.002	0.966	3.6	66	0.00

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

Sample Results: **VX048153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	72	-0.01
2	T	Dichlorodifluoromethane	50.000	64.394	-28.8#	96	0.00
3	P	Chloromethane	50.000	55.622	-11.2	82	0.00
4	C	Vinyl Chloride	50.000	63.566	-27.1#	92	0.00
5	T	Bromomethane	50.000	61.550	-23.1	88	0.00
6	T	Chloroethane	50.000	58.162	-16.3	84	0.00
7	T	Trichlorofluoromethane	50.000	65.398	-30.8#	94	0.00
8	T	Diethyl Ether	50.000	53.186	-6.4	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	62.168	-24.3	89	0.00
10	T	Methyl Iodide	50.000	44.362	11.3	63	0.00
11	T	Tert butyl alcohol	250.000	213.436	14.6	61	0.00
12	CM	1,1-Dichloroethene	50.000	59.068	-18.1#	84	0.00
13	T	Acrolein	250.000	275.177	-10.1	79	0.00
14	T	Allyl chloride	50.000	50.919	-1.8	74	0.00
15	T	Acrylonitrile	250.000	253.713	-1.5	69	0.00
16	T	Acetone	250.000	229.513	8.2	72	0.00
17	T	Carbon Disulfide	50.000	64.145	-28.3#	96	0.00
18	T	Methyl Acetate	50.000	44.499	11.0	56	0.00
19	T	Methyl tert-butyl Ether	50.000	50.140	-0.3	70	0.00
20	T	Methylene Chloride	50.000	53.153	-6.3	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.678	-15.4	82	0.00
22	T	Diisopropyl ether	50.000	52.712	-5.4	73	-0.01
23	T	Vinyl Acetate	250.000	249.999	0.0	69	0.00
24	P	1,1-Dichloroethane	50.000	54.042	-8.1	76	0.00
25	T	2-Butanone	250.000	229.881	8.0	65	0.00
26	T	2,2-Dichloropropane	50.000	53.086	-6.2	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.263	-6.5	74	0.00
28	T	Bromochloromethane	50.000	47.909	4.2	66	-0.01
29	T	Tetrahydrofuran	250.000	234.875	6.0	64	0.00
30	C	Chloroform	50.000	54.659	-9.3#	76	0.00
31	T	Cyclohexane	50.000	55.594	-11.2	82	0.00
32	T	1,1,1-Trichloroethane	50.000	56.700	-13.4	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.069	-6.1	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35	S	Dibromofluoromethane	50.000	58.375	-16.8	82	0.00
36	T	1,1-Dichloropropene	50.000	56.673	-13.3	79	-0.01
37	T	Ethyl Acetate	50.000	47.964	4.1	65	-0.01
38	T	Carbon Tetrachloride	50.000	60.555	-21.1	83	-0.01
39	T	Methylcyclohexane	50.000	59.319	-18.6	81	0.00
40	TM	Benzene	50.000	56.422	-12.8	76	0.00
41	T	Methacrylonitrile	50.000	51.733	-3.5	68	0.00
42	TM	1,2-Dichloroethane	50.000	54.535	-9.1	73	0.00
43	T	Isopropyl Acetate	50.000	47.003	6.0	62	0.00
44	TM	Trichloroethene	50.000	57.700	-15.4	77	0.00
45	C	1,2-Dichloropropane	50.000	55.124	-10.2#	73	0.00
46	T	Dibromomethane	50.000	54.583	-9.2	73	0.00
47	T	Bromodichloromethane	50.000	57.493	-15.0	75	0.00
48	T	Methyl methacrylate	50.000	48.182	3.6	63	0.00

Sample Results: **VX048153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1079.897	-8.0	67	0.00
50	S	Toluene-d8	50.000	55.475	-11.0	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.453	1.4	64	0.00
52	CM	Toluene	50.000	56.065	-12.1#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	53.629	-7.3	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.766	-9.5	72	0.00
55	T	1,1,2-Trichloroethane	50.000	53.920	-7.8	72	0.00
56	T	Ethyl methacrylate	50.000	49.978	0.0	64	0.00
57	T	1,3-Dichloropropane	50.000	55.058	-10.1	72	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.570	-2.2	69	0.00
59	T	2-Hexanone	250.000	238.613	4.6	63	0.00
60	T	Dibromochloromethane	50.000	58.035	-16.1	75	0.00
61	T	1,2-Dibromoethane	50.000	54.765	-9.5	72	0.00
62	S	4-Bromofluorobenzene	50.000	55.785	-11.6	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	58.763	-17.5	85	0.00
65	PM	Chlorobenzene	50.000	54.406	-8.8	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.554	-13.1	78	0.00
67	C	Ethyl Benzene	50.000	55.162	-10.3#	77	0.00
68	T	m/p-Xylenes	100.000	111.573	-11.6	77	0.00
69	T	o-Xylene	50.000	53.430	-6.9	73	0.00
70	T	Styrene	50.000	53.377	-6.8	74	0.00
71	P	Bromoform	50.000	54.014	-8.0	73	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	52.496	-5.0	73	0.00
74	T	N-amyl acetate	50.000	45.741	8.5	63	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.321	1.4	69	0.00
76	T	1,2,3-Trichloropropane	50.000	50.893	-1.8	68	0.00
77	T	Bromobenzene	50.000	51.393	-2.8	72	0.00
78	T	n-propylbenzene	50.000	53.607	-7.2	75	0.00
79	T	2-Chlorotoluene	50.000	51.503	-3.0	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.746	-5.5	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.604	6.8	66	0.00
82	T	4-Chlorotoluene	50.000	51.769	-3.5	73	0.00
83	T	tert-Butylbenzene	50.000	49.789	0.4	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.326	-4.7	74	0.00
85	T	sec-Butylbenzene	50.000	52.657	-5.3	74	0.00
86	T	p-Isopropyltoluene	50.000	52.167	-4.3	73	0.00
87	T	1,3-Dichlorobenzene	50.000	51.154	-2.3	73	0.00
88	T	1,4-Dichlorobenzene	50.000	50.386	-0.8	73	0.00
89	T	n-Butylbenzene	50.000	52.013	-4.0	73	0.00
90	T	Hexachloroethane	50.000	57.198	-14.4	81	0.00
91	T	1,2-Dichlorobenzene	50.000	50.687	-1.4	72	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.030	9.9	61	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.675	4.7	66	0.00
94	T	Hexachlorobutadiene	50.000	49.395	1.2	70	0.00
95	T	Naphthalene	50.000	45.578	8.8	63	0.00

Sample Results: **VX048153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	48.208	3.6	66	0.00

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

Raw Data: **VY023456.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: GENV01
Lab Code: ACE
SDG No.: Q3276
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/14/2025 11:25
Lab File ID: VY023456.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.311		-13.61	20
Chloromethane	0.490	0.417	0.1	-14.9	20
Vinyl Chloride	0.639	0.568		-11.11	20
Bromomethane	0.536	0.468		-12.69	20
Chloroethane	0.435	0.405		-6.9	20
Trichlorofluoromethane	0.887	0.810		-8.68	20
1,1,2-Trichlorotrifluoroethane	0.460	0.442		-3.91	20
1,1-Dichloroethene	0.446	0.418		-6.28	20
Acetone	0.100	0.090		-10	20
Carbon Disulfide	1.277	1.190		-6.81	20
Methyl tert-butyl Ether	1.072	0.992		-7.46	20
Methyl Acetate	0.261	0.245		-6.13	20
Methylene Chloride	0.538	0.456		-15.24	20
trans-1,2-Dichloroethene	0.491	0.468		-4.68	20
1,1-Dichloroethane	0.796	0.755	0.1	-5.15	20
Cyclohexane	0.696	0.621		-10.78	20
2-Butanone	0.122	0.106		-13.11	20
Carbon Tetrachloride	0.493	0.503		2.03	20
cis-1,2-Dichloroethene	0.567	0.543		-4.23	20
Bromochloromethane	0.297	0.262		-11.78	20
Chloroform	0.875	0.838		-4.23	20
1,1,1-Trichloroethane	0.795	0.773		-2.77	20
Methylcyclohexane	0.530	0.538		1.51	20
Benzene	1.288	1.282		-0.47	20
1,2-Dichloroethane	0.332	0.319		-3.92	20
Trichloroethene	0.377	0.371		-1.59	20
1,2-Dichloropropane	0.285	0.283		-0.7	20
Bromodichloromethane	0.453	0.454		0.22	20
4-Methyl-2-Pentanone	0.166	0.159		-4.22	20
Toluene	0.836	0.857		2.51	20
t-1,3-Dichloropropene	0.394	0.389		-1.27	20
cis-1,3-Dichloropropene	0.465	0.464		-0.22	20
1,1,2-Trichloroethane	0.242	0.237		-2.07	20
2-Hexanone	0.119	0.113		-5.04	20
Dibromochloromethane	0.339	0.341		0.59	20
1,2-Dibromoethane	0.231	0.224		-3.03	20
Tetrachloroethene	0.516	0.505		-2.13	20
Chlorobenzene	1.087	1.076	0.3	-1.01	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3276
Instrument ID:	MSVOA_Y	Calibration Date/Time:	10/14/2025 11:25
Lab File ID:	VY023456.D	Init. Calib. Date(s):	10/07/2025 10/07/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:17 12:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	1.806		2.61	20
m/p-Xylenes	0.706	0.733		3.82	20
o-Xylene	0.662	0.677		2.27	20
Styrene	1.089	1.153		5.88	20
Bromoform	0.240	0.233	0.1	-2.92	20
Isopropylbenzene	3.295	3.418		3.73	20
1,1,2,2-Tetrachloroethane	0.539	0.519	0.3	-3.71	20
1,3-Dichlorobenzene	1.706	1.685		-1.23	20
1,4-Dichlorobenzene	1.685	1.649		-2.14	20
1,2-Dichlorobenzene	1.496	1.453		-2.87	20
1,2-Dibromo-3-Chloropropane	0.088	0.080		-9.09	20
1,2,4-Trichlorobenzene	0.932	0.885		-5.04	20
1,2,3-Trichlorobenzene	0.808	0.752		-6.93	20
1,2-Dichloroethane-d4	0.418	0.388		-7.18	20
Dibromofluoromethane	0.307	0.308		0.33	20
Toluene-d8	1.144	1.166		1.92	20
4-Bromofluorobenzene	0.378	0.371		-1.85	20

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

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	571722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	808604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	715207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	372874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	221916	46.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.840%			
35) Dibromofluoromethane	7.640	113	248799	50.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.160%			
50) Toluene-d8	10.109	98	942878	50.958	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.408	95	299713	49.063	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	177782	43.202	ug/l	100
3) Chloromethane	2.074	50	238579	42.558	ug/l	99
4) Vinyl Chloride	2.208	62	325020	44.513	ug/l	99
5) Bromomethane	2.598	94	267390	43.638	ug/l	99
6) Chloroethane	2.739	64	231769	46.566	ug/l	98
7) Trichlorofluoromethane	3.062	101	463109	45.679	ug/l	97
8) Diethyl Ether	3.458	74	118343	44.671	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	252738	48.040	ug/l	99
10) Methyl Iodide	4.013	142	298585	50.981	ug/l	100
11) Tert butyl alcohol	4.854	59	75184	211.390	ug/l	98
12) 1,1-Dichloroethene	3.793	96	239265	46.916	ug/l	95
13) Acrolein	3.653	56	64576	128.493	ug/l	100
14) Allyl chloride	4.391	41	289158	46.523	ug/l	99
15) Acrylonitrile	5.061	53	227715	224.609	ug/l	100
16) Acetone	3.866	43	257583	226.315	ug/l	98
17) Carbon Disulfide	4.110	76	680600	46.628	ug/l	99
18) Methyl Acetate	4.385	43	140195	46.956	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	567311	46.284	ug/l	97
20) Methylene Chloride	4.622	84	260976	42.404	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	267679	47.673	ug/l	97
22) Diisopropyl ether	6.025	45	654558	47.611	ug/l	99
23) Vinyl Acetate	5.964	43	1708649	229.609	ug/l	99
24) 1,1-Dichloroethane	5.921	63	431610	47.394	ug/l	99
25) 2-Butanone	6.896	43	302322	217.573	ug/l	94
26) 2,2-Dichloropropane	6.890	77	408175	48.846	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	310682	47.902	ug/l	99
28) Bromochloromethane	7.250	49	149509	43.977	ug/l	99
29) Tetrahydrofuran	7.262	42	171037	217.065	ug/l	99
30) Chloroform	7.427	83	478940	47.867	ug/l	100
31) Cyclohexane	7.707	56	355162	44.658	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	441848	48.593	ug/l	100
36) 1,1-Dichloropropene	7.841	75	333607	50.717	ug/l	99
37) Ethyl Acetate	6.988	43	119370	45.807	ug/l	100
38) Carbon Tetrachloride	7.823	117	406679	50.989	ug/l	100
39) Methylcyclohexane	9.109	83	435067	50.800	ug/l	99
40) Benzene	8.085	78	1036881	49.775	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	64761	45.950	ug/l		95
42) 1,2-Dichloroethane	8.164	62	258162	48.053	ug/l		100
43) Isopropyl Acetate	8.201	43	239079	46.010	ug/l		100
44) Trichloroethene	8.872	130	300046	49.212	ug/l		100
45) 1,2-Dichloropropane	9.146	63	228487	49.659	ug/l		97
46) Dibromomethane	9.231	93	143999	49.494	ug/l		98
47) Bromodichloromethane	9.426	83	367113	50.101	ug/l		99
48) Methyl methacrylate	9.225	41	118168	48.406	ug/l		99
49) 1,4-Dioxane	9.231	88	29913	886.767	ug/l		96
51) 4-Methyl-2-Pentanone	9.999	43	644670	240.124	ug/l		100
52) Toluene	10.176	92	692627	51.209	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	314507	49.363	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	375175	49.892	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	191249	48.882	ug/l		96
56) Ethyl methacrylate	10.445	69	226346	50.154	ug/l		98
57) 1,3-Dichloropropane	10.719	76	304503	49.116	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	506766	250.659	ug/l		100
59) 2-Hexanone	10.762	43	456965	238.172	ug/l		99
60) Dibromochloromethane	10.914	129	275379	50.203	ug/l		100
61) 1,2-Dibromoethane	11.018	107	180761	48.445	ug/l		99
64) Tetrachloroethene	10.652	164	361369	48.934	ug/l		97
65) Chlorobenzene	11.444	112	769686	49.480	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	277708	50.099	ug/l		99
67) Ethyl Benzene	11.518	91	1291955	51.310	ug/l		100
68) m/p-Xylenes	11.627	106	1048837	103.851	ug/l		99
69) o-Xylene	11.956	106	484351	51.130	ug/l		100
70) Styrene	11.969	104	824343	52.918	ug/l		99
71) Bromoform	12.133	173	166740	48.493	ug/l	#	99
73) Isopropylbenzene	12.255	105	1274598	51.870	ug/l		100
74) N-amyl acetate	12.072	43	207513	47.016	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	193383	48.117	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	147312m	44.779	ug/l		
77) Bromobenzene	12.530	156	319841	48.960	ug/l		99
78) n-propylbenzene	12.597	91	1488587	52.349	ug/l		100
79) 2-Chlorotoluene	12.682	91	841372	50.527	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1032904	52.018	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	63523	47.350	ug/l		99
82) 4-Chlorotoluene	12.779	91	875119	51.029	ug/l		99
83) tert-Butylbenzene	12.999	119	948156	51.716	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1033130	52.134	ug/l		100
85) sec-Butylbenzene	13.176	105	1383925	52.621	ug/l		99
86) p-Isopropyltoluene	13.292	119	1171485	52.317	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	628264	49.387	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	614737	48.928	ug/l		100
89) n-Butylbenzene	13.615	91	1023002	52.432	ug/l		100
90) Hexachloroethane	13.883	117	246469	51.176	ug/l		96
91) 1,2-Dichlorobenzene	13.657	146	541706	48.570	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29887	45.321	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	329820	47.435	ug/l		99
94) Hexachlorobutadiene	15.023	225	208858	48.188	ug/l		98
95) Naphthalene	15.145	128	510225	46.083	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	280314	46.544	ug/l		99

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

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

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

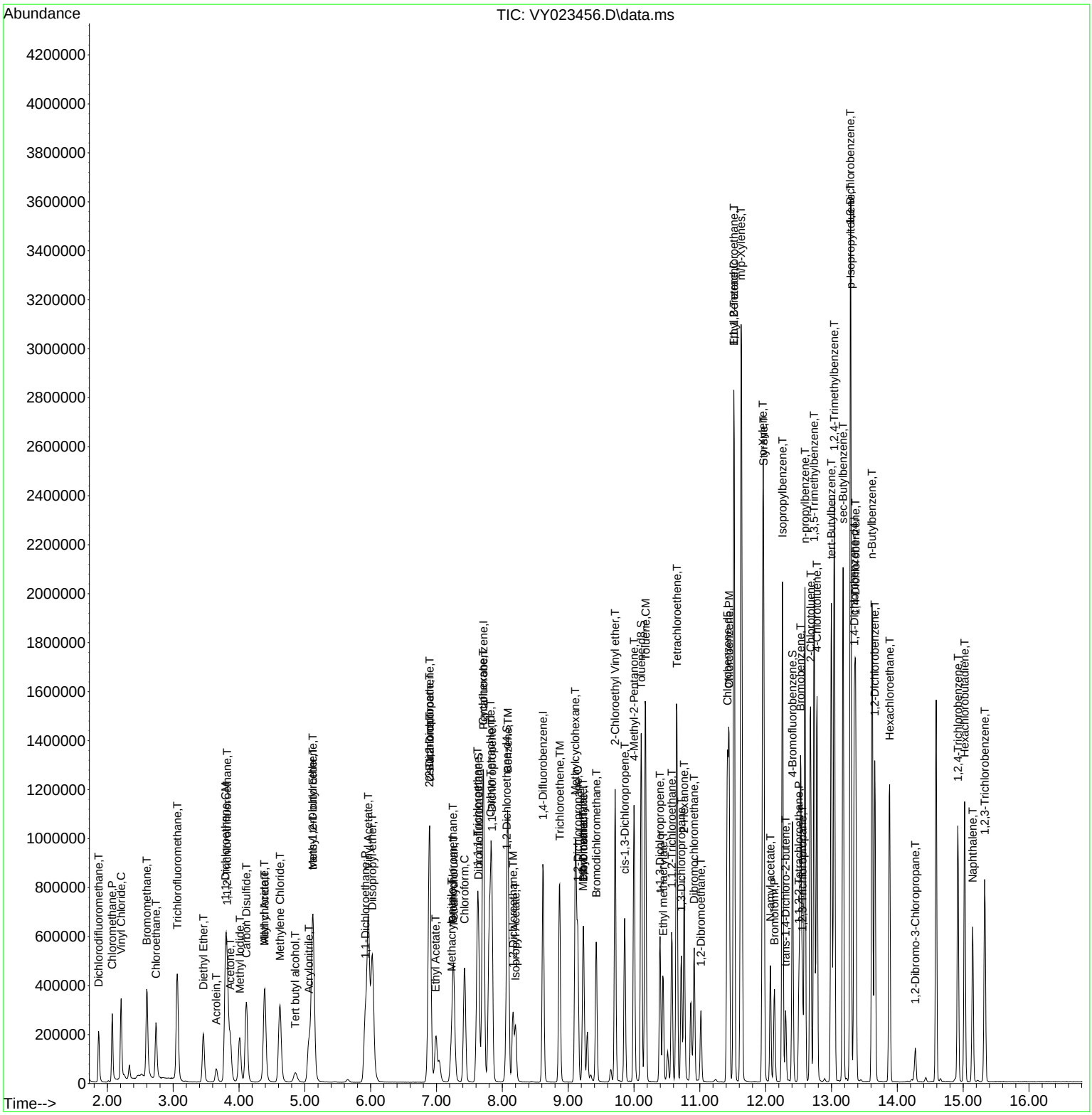
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



Evaluate Continuing Calibration Report

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.360	0.311	13.6	94	0.00
3	P	Chloromethane	0.490	0.417	14.9	90	0.00
4	C	Vinyl Chloride	0.639	0.568	11.1#	92	0.00
5	T	Bromomethane	0.536	0.468	12.7	97	0.00
6	T	Chloroethane	0.435	0.405	6.9	95	0.00
7	T	Trichlorofluoromethane	0.887	0.810	8.7	93	0.00
8	T	Diethyl Ether	0.232	0.207	10.8	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.442	3.9	98	0.00
10	T	Methyl Iodide	0.512	0.522	-2.0	94	0.01
11	T	Tert butyl alcohol	0.031	0.026	16.1	102	0.00
12	CM	1,1-Dichloroethene	0.446	0.418	6.3#	95	0.00
13	T	Acrolein	0.044	0.023	47.7#	52	0.00
14	T	Allyl chloride	0.544	0.506	7.0	93	0.01
15	T	Acrylonitrile	0.089	0.080	10.1	95	0.00
16	T	Acetone	0.100	0.090	10.0	104	0.00
17	T	Carbon Disulfide	1.277	1.190	6.8	94	0.00
18	T	Methyl Acetate	0.261	0.245	6.1	97	0.00
19	T	Methyl tert-butyl Ether	1.072	0.992	7.5	94	0.00
20	T	Methylene Chloride	0.538	0.456	15.2	96	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.468	4.7	96	0.01
22	T	Diisopropyl ether	1.202	1.145	4.7	95	0.00
23	T	Vinyl Acetate	0.651	0.598	8.1	93	0.00
24	P	1,1-Dichloroethane	0.796	0.755	5.2	96	0.00
25	T	2-Butanone	0.122	0.106	13.1	97	0.00
26	T	2,2-Dichloropropane	0.731	0.714	2.3	98	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.543	4.2	97	0.00
28	T	Bromochloromethane	0.297	0.262	11.8	95	0.00
29	T	Tetrahydrofuran	0.069	0.060	13.0	91	0.00
30	C	Chloroform	0.875	0.838	4.2#	97	0.00
31	T	Cyclohexane	0.696	0.621	10.8	94	0.00
32	T	1,1,1-Trichloroethane	0.795	0.773	2.8	98	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.388	7.2	96	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.307	0.308	-0.3	97	0.00
36	T	1,1-Dichloropropene	0.407	0.413	-1.5	98	0.00
37	T	Ethyl Acetate	0.161	0.148	8.1	92	0.00
38	T	Carbon Tetrachloride	0.493	0.503	-2.0	98	0.00
39	T	Methylcyclohexane	0.530	0.538	-1.5	96	0.00
40	TM	Benzene	1.288	1.282	0.5	96	0.00
41	T	Methacrylonitrile	0.087	0.080	8.0	94	0.01
42	TM	1,2-Dichloroethane	0.332	0.319	3.9	95	0.01
43	T	Isopropyl Acetate	0.321	0.296	7.8	92	0.00
44	TM	Trichloroethene	0.377	0.371	1.6	95	0.00
45	C	1,2-Dichloropropane	0.285	0.283	0.7#	97	0.00
46	T	Dibromomethane	0.180	0.178	1.1	97	0.00
47	T	Bromodichloromethane	0.453	0.454	-0.2	97	0.00
48	T	Methyl methacrylate	0.151	0.146	3.3	93	0.00

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.002	0.002	0.0	88	0.00
50	S	Toluene-d8	1.144	1.166	-1.9	97	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.159	4.2	94	0.00
52	CM	Toluene	0.836	0.857	-2.5#	97	0.00
53	T	t-1,3-Dichloropropene	0.394	0.389	1.3	95	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.464	0.2	96	0.00
55	T	1,1,2-Trichloroethane	0.242	0.237	2.1	96	0.00
56	T	Ethyl methacrylate	0.279	0.280	-0.4	95	0.00
57	T	1,3-Dichloropropane	0.383	0.377	1.6	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.125	0.0	92	0.00
59	T	2-Hexanone	0.119	0.113	5.0	95	0.00
60	T	Dibromochloromethane	0.339	0.341	-0.6	98	0.00
61	T	1,2-Dibromoethane	0.231	0.224	3.0	94	0.00
62	S	4-Bromofluorobenzene	0.378	0.371	1.9	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.516	0.505	2.1	92	0.00
65	PM	Chlorobenzene	1.087	1.076	1.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.388	0.0	99	0.00
67	C	Ethyl Benzene	1.760	1.806	-2.6#	97	0.00
68	T	m/p-Xylenes	0.706	0.733	-3.8	97	0.00
69	T	o-Xylene	0.662	0.677	-2.3	96	0.00
70	T	Styrene	1.089	1.153	-5.9	99	0.00
71	P	Bromoform	0.240	0.233	2.9	97	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.295	3.418	-3.7	98	0.00
74	T	N-amyl acetate	0.592	0.557	5.9	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.519	3.7	99	0.00
76	T	1,2,3-Trichloropropane	0.441	0.395	10.4	87	0.00
77	T	Bromobenzene	0.876	0.858	2.1	97	0.00
78	T	n-propylbenzene	3.813	3.992	-4.7	98	0.00
79	T	2-Chlorotoluene	2.233	2.256	-1.0	96	0.00
80	T	1,3,5-Trimethylbenzene	2.663	2.770	-4.0	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.170	5.6	96	0.00
82	T	4-Chlorotoluene	2.300	2.347	-2.0	98	0.00
83	T	tert-Butylbenzene	2.458	2.543	-3.5	96	0.00
84	T	1,2,4-Trimethylbenzene	2.657	2.771	-4.3	97	0.00
85	T	sec-Butylbenzene	3.527	3.712	-5.2	98	0.00
86	T	p-Isopropyltoluene	3.003	3.142	-4.6	97	0.00
87	T	1,3-Dichlorobenzene	1.706	1.685	1.2	97	0.00
88	T	1,4-Dichlorobenzene	1.685	1.649	2.1	97	0.00
89	T	n-Butylbenzene	2.616	2.744	-4.9	97	0.00
90	T	Hexachloroethane	0.646	0.661	-2.3	101	0.00
91	T	1,2-Dichlorobenzene	1.496	1.453	2.9	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.080	9.1	92	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.885	5.0	92	0.00
94	T	Hexachlorobutadiene	0.581	0.560	3.6	92	0.00
95	T	Naphthalene	1.485	1.368	7.9	89	0.00

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.808	0.752	6.9	90	0.00

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

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	43.202	13.6	94	0.00
3	P	Chloromethane	50.000	42.558	14.9	90	0.00
4	C	Vinyl Chloride	50.000	44.513	11.0#	92	0.00
5	T	Bromomethane	50.000	43.638	12.7	97	0.00
6	T	Chloroethane	50.000	46.566	6.9	95	0.00
7	T	Trichlorofluoromethane	50.000	45.679	8.6	93	0.00
8	T	Diethyl Ether	50.000	44.671	10.7	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.040	3.9	98	0.00
10	T	Methyl Iodide	50.000	50.981	-2.0	94	0.01
11	T	Tert butyl alcohol	250.000	211.390	15.4	102	0.00
12	CM	1,1-Dichloroethene	50.000	46.916	6.2#	95	0.00
13	T	Acrolein	250.000	128.493	48.6#	52	0.00
14	T	Allyl chloride	50.000	46.523	7.0	93	0.01
15	T	Acrylonitrile	250.000	224.609	10.2	95	0.00
16	T	Acetone	250.000	226.315	9.5	104	0.00
17	T	Carbon Disulfide	50.000	46.628	6.7	94	0.00
18	T	Methyl Acetate	50.000	46.956	6.1	97	0.00
19	T	Methyl tert-butyl Ether	50.000	46.284	7.4	94	0.00
20	T	Methylene Chloride	50.000	42.404	15.2	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.673	4.7	96	0.01
22	T	Diisopropyl ether	50.000	47.611	4.8	95	0.00
23	T	Vinyl Acetate	250.000	229.609	8.2	93	0.00
24	P	1,1-Dichloroethane	50.000	47.394	5.2	96	0.00
25	T	2-Butanone	250.000	217.573	13.0	97	0.00
26	T	2,2-Dichloropropane	50.000	48.846	2.3	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.902	4.2	97	0.00
28	T	Bromochloromethane	50.000	43.977	12.0	95	0.00
29	T	Tetrahydrofuran	250.000	217.065	13.2	91	0.00
30	C	Chloroform	50.000	47.867	4.3#	97	0.00
31	T	Cyclohexane	50.000	44.658	10.7	94	0.00
32	T	1,1,1-Trichloroethane	50.000	48.593	2.8	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.418	7.2	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	50.075	-0.2	97	0.00
36	T	1,1-Dichloropropene	50.000	50.717	-1.4	98	0.00
37	T	Ethyl Acetate	50.000	45.807	8.4	92	0.00
38	T	Carbon Tetrachloride	50.000	50.989	-2.0	98	0.00
39	T	Methylcyclohexane	50.000	50.800	-1.6	96	0.00
40	TM	Benzene	50.000	49.775	0.5	96	0.00
41	T	Methacrylonitrile	50.000	45.950	8.1	94	0.01
42	TM	1,2-Dichloroethane	50.000	48.053	3.9	95	0.01
43	T	Isopropyl Acetate	50.000	46.010	8.0	92	0.00
44	TM	Trichloroethene	50.000	49.212	1.6	95	0.00
45	C	1,2-Dichloropropane	50.000	49.659	0.7#	97	0.00
46	T	Dibromomethane	50.000	49.494	1.0	97	0.00
47	T	Bromodichloromethane	50.000	50.101	-0.2	97	0.00
48	T	Methyl methacrylate	50.000	48.406	3.2	93	0.00

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	886.767	11.3	88	0.00
50	S	Toluene-d8	50.000	50.958	-1.9	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.124	4.0	94	0.00
52	CM	Toluene	50.000	51.209	-2.4#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	49.363	1.3	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.892	0.2	96	0.00
55	T	1,1,2-Trichloroethane	50.000	48.882	2.2	96	0.00
56	T	Ethyl methacrylate	50.000	50.154	-0.3	95	0.00
57	T	1,3-Dichloropropane	50.000	49.116	1.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.659	-0.3	92	0.00
59	T	2-Hexanone	250.000	238.172	4.7	95	0.00
60	T	Dibromochloromethane	50.000	50.203	-0.4	98	0.00
61	T	1,2-Dibromoethane	50.000	48.445	3.1	94	0.00
62	S	4-Bromofluorobenzene	50.000	49.063	1.9	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	48.934	2.1	92	0.00
65	PM	Chlorobenzene	50.000	49.480	1.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.099	-0.2	99	0.00
67	C	Ethyl Benzene	50.000	51.310	-2.6#	97	0.00
68	T	m/p-Xylenes	100.000	103.851	-3.9	97	0.00
69	T	o-Xylene	50.000	51.130	-2.3	96	0.00
70	T	Styrene	50.000	52.918	-5.8	99	0.00
71	P	Bromoform	50.000	48.493	3.0	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	51.870	-3.7	98	0.00
74	T	N-amyl acetate	50.000	47.016	6.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.117	3.8	99	0.00
76	T	1,2,3-Trichloropropane	50.000	44.779	10.4	87	0.00
77	T	Bromobenzene	50.000	48.960	2.1	97	0.00
78	T	n-propylbenzene	50.000	52.349	-4.7	98	0.00
79	T	2-Chlorotoluene	50.000	50.527	-1.1	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.018	-4.0	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.350	5.3	96	0.00
82	T	4-Chlorotoluene	50.000	51.029	-2.1	98	0.00
83	T	tert-Butylbenzene	50.000	51.716	-3.4	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.134	-4.3	97	0.00
85	T	sec-Butylbenzene	50.000	52.621	-5.2	98	0.00
86	T	p-Isopropyltoluene	50.000	52.317	-4.6	97	0.00
87	T	1,3-Dichlorobenzene	50.000	49.387	1.2	97	0.00
88	T	1,4-Dichlorobenzene	50.000	48.928	2.1	97	0.00
89	T	n-Butylbenzene	50.000	52.432	-4.9	97	0.00
90	T	Hexachloroethane	50.000	51.176	-2.4	101	0.00
91	T	1,2-Dichlorobenzene	50.000	48.570	2.9	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.321	9.4	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.435	5.1	92	0.00
94	T	Hexachlorobutadiene	50.000	48.188	3.6	92	0.00
95	T	Naphthalene	50.000	46.083	7.8	89	0.00

Sample Results: **VY023456.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 03:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	46.544	6.9	90	0.00

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

QC SAMPLE DATA

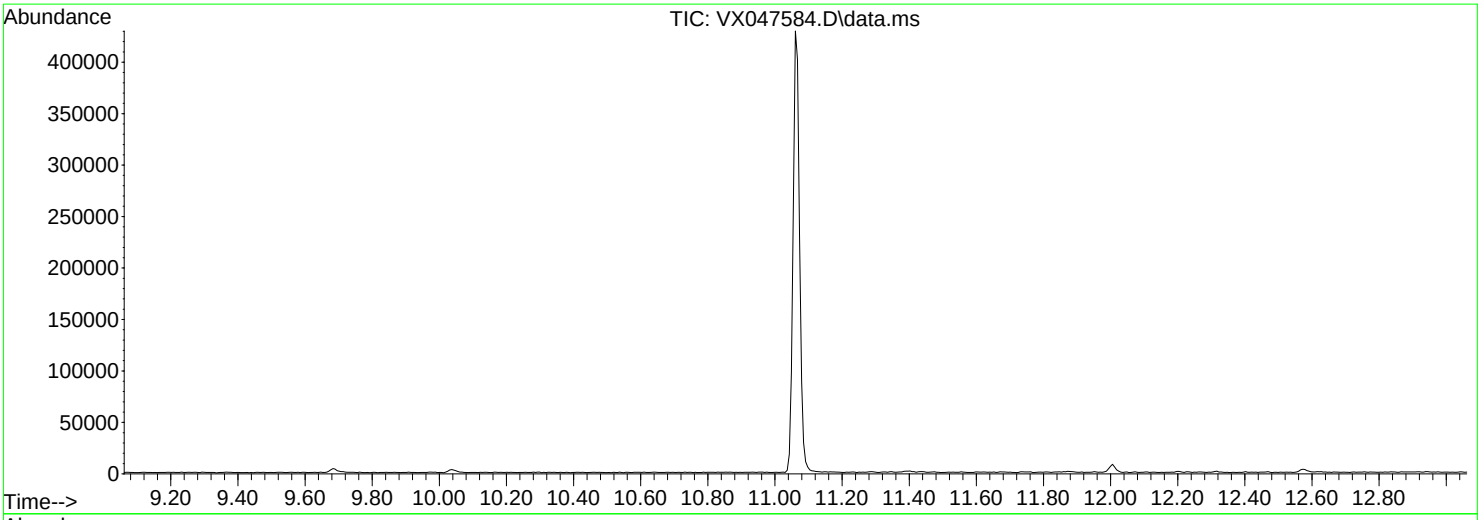
Sample Results: **VX047584.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

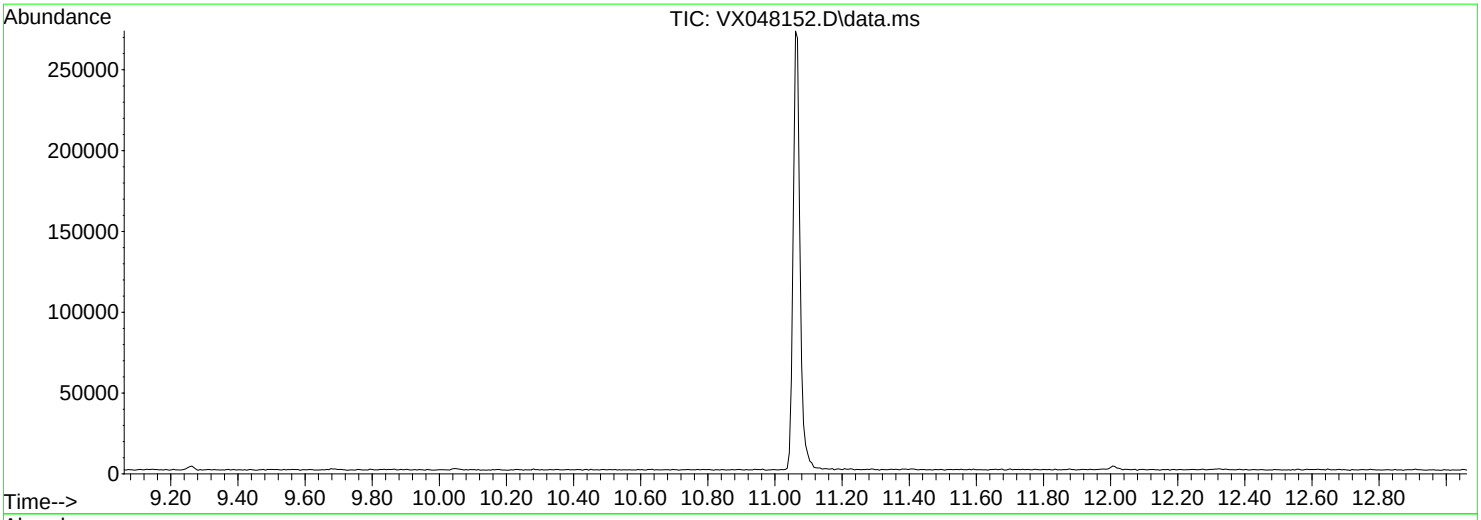
Sample Results: **VX048152.D**

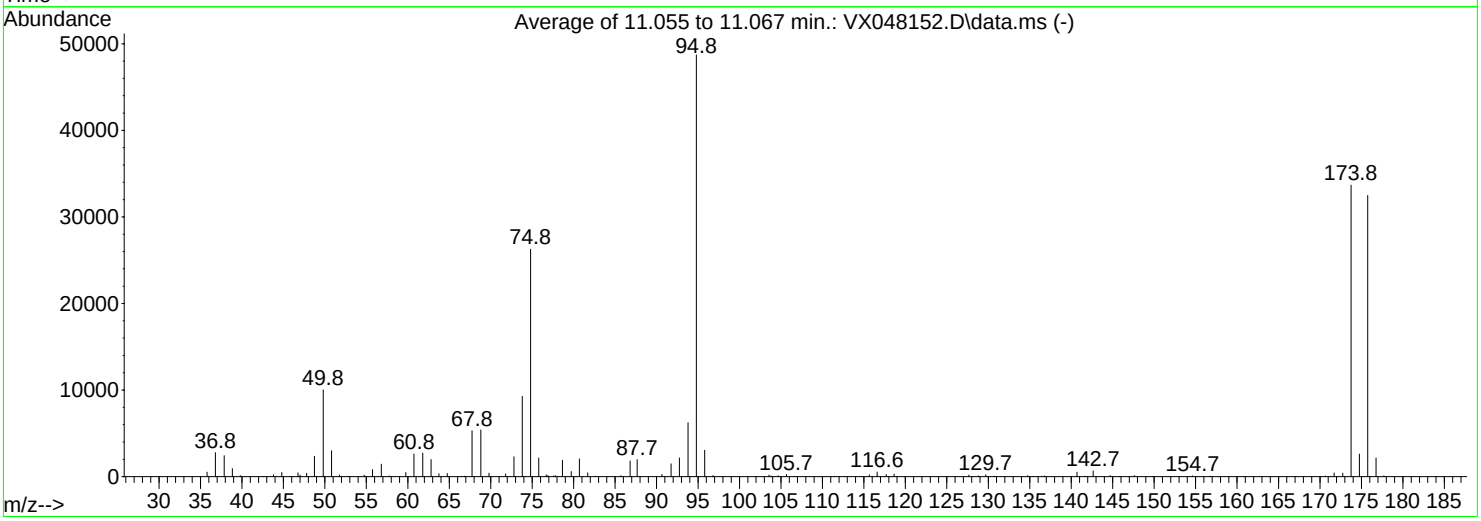
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048152.D
Acq On : 14 Oct 2025 09:33
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	10025	PASS
75	95	30	60	53.9	26259	PASS
95	95	100	100	100.0	48723	PASS
96	95	5	9	6.2	3044	PASS
173	174	0.00	2	1.2	399	PASS
174	95	50	100	69.1	33677	PASS
175	174	5	9	7.7	2598	PASS
176	174	95	101	96.5	32483	PASS
177	176	5	9	6.7	2171	PASS

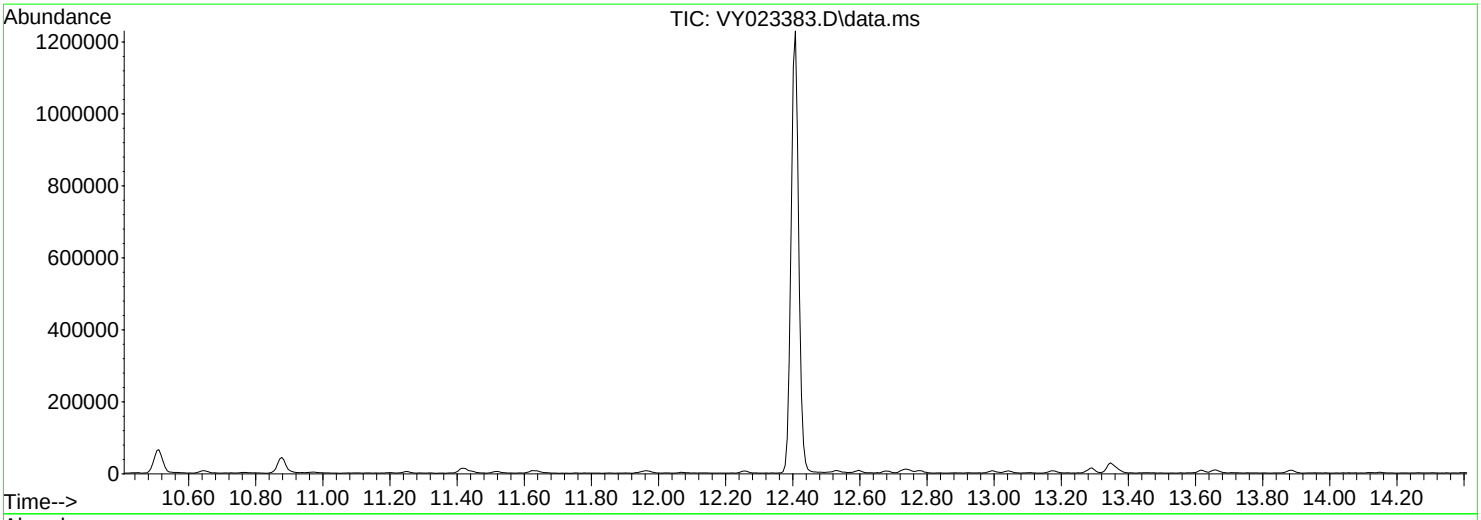
Sample Results: **VY023383.D**

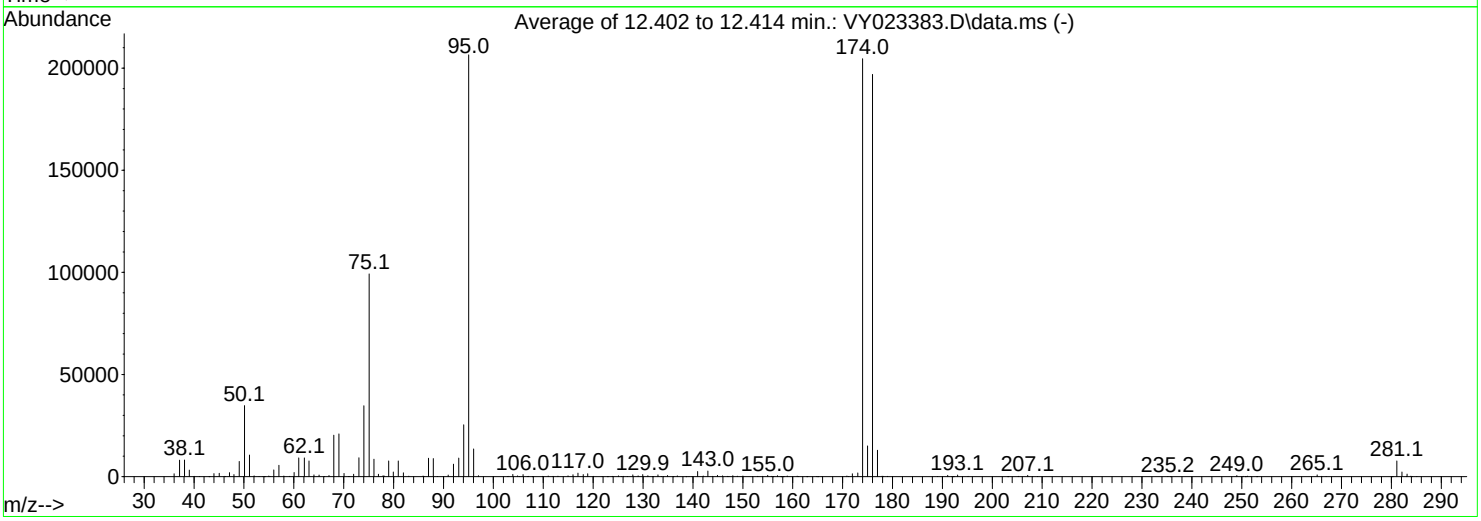
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023383.D
Acq On : 07 Oct 2025 08:43
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 2025





AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1743

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.9	34816	PASS
75	95	30	60	48.1	99264	PASS
95	95	100	100	100.0	206507	PASS
96	95	5	9	6.6	13540	PASS
173	174	0.00	2	0.9	1817	PASS
174	95	50	100	99.1	204629	PASS
175	174	5	9	7.4	15059	PASS
176	174	95	101	96.2	196949	PASS
177	176	5	9	6.6	12912	PASS

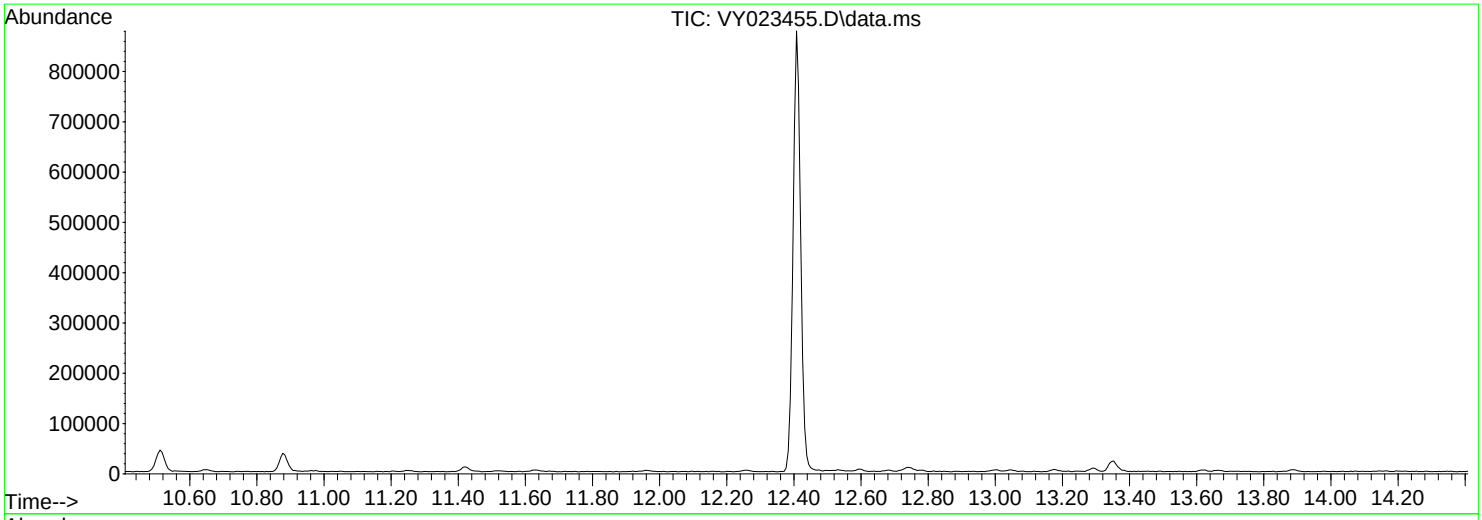
Sample Results: **VY023455.D**

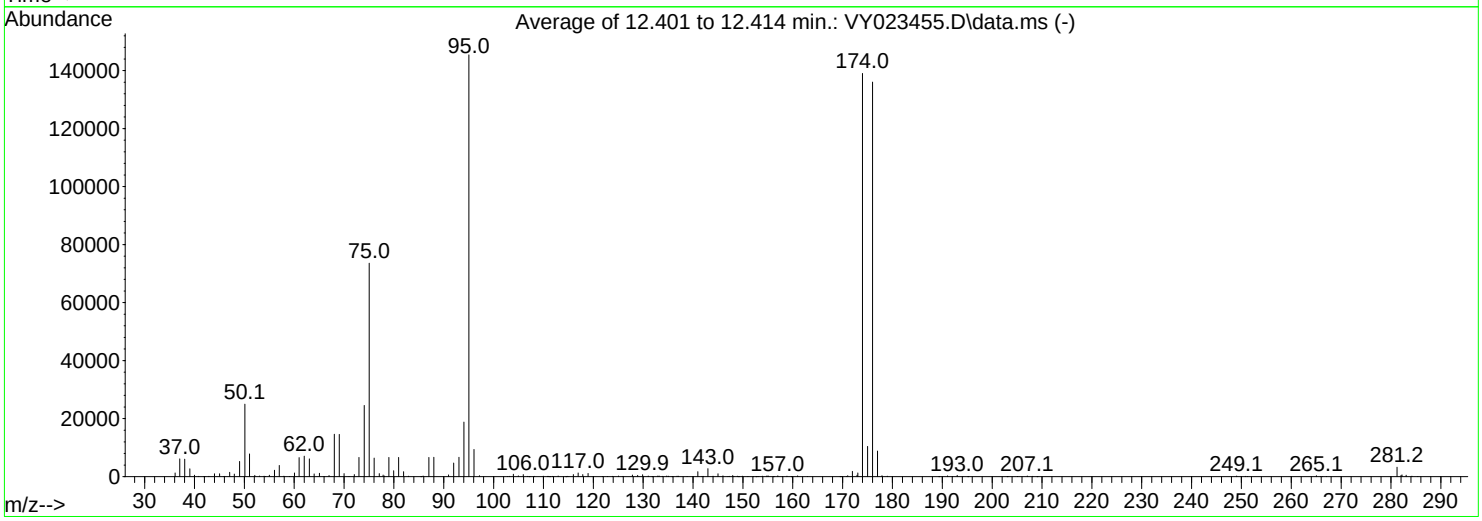
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023455.D
Acq On : 14 Oct 2025 08:36
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 2025





AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.2	24973	PASS
75	95	30	60	50.6	73587	PASS
95	95	100	100	100.0	145429	PASS
96	95	5	9	6.5	9381	PASS
173	174	0.00	2	0.9	1248	PASS
174	95	50	100	95.6	139029	PASS
175	174	5	9	7.5	10428	PASS
176	174	95	101	97.8	136035	PASS
177	176	5	9	6.5	8846	PASS

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VX1014MBL01		SDG No.:	Q3276	
Lab Sample ID:	VX1014MBL01	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
74-87-3	Chloromethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
75-01-4	Vinyl Chloride	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
74-83-9	Bromomethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
75-00-3	Chloroethane	130	U	1	130	500	ug/Kg	10/14/25 10:32	VX101425
75-69-4	Trichlorofluoromethane	120	U	1	120	500	ug/Kg	10/14/25 10:32	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
75-35-4	1,1-Dichloroethene	100	U	1	100	500	ug/Kg	10/14/25 10:32	VX101425
67-64-1	Acetone	470	U	1	470	2500	ug/Kg	10/14/25 10:32	VX101425
75-15-0	Carbon Disulfide	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
1634-04-4	Methyl tert-butyl Ether	73.0	U	1	73.0	500	ug/Kg	10/14/25 10:32	VX101425
79-20-9	Methyl Acetate	150	U	1	150	500	ug/Kg	10/14/25 10:32	VX101425
75-09-2	Methylene Chloride	350	U	1	350	1000	ug/Kg	10/14/25 10:32	VX101425
156-60-5	trans-1,2-Dichloroethene	86.0	U	1	86.0	500	ug/Kg	10/14/25 10:32	VX101425
75-34-3	1,1-Dichloroethane	80.0	U	1	80.0	500	ug/Kg	10/14/25 10:32	VX101425
110-82-7	Cyclohexane	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
78-93-3	2-Butanone	650	U	1	650	2500	ug/Kg	10/14/25 10:32	VX101425
56-23-5	Carbon Tetrachloride	97.0	U	1	97.0	500	ug/Kg	10/14/25 10:32	VX101425
156-59-2	cis-1,2-Dichloroethene	75.0	U	1	75.0	500	ug/Kg	10/14/25 10:32	VX101425
74-97-5	Bromochloromethane	120	U	1	120	500	ug/Kg	10/14/25 10:32	VX101425
67-66-3	Chloroform	84.0	U	1	84.0	500	ug/Kg	10/14/25 10:32	VX101425
71-55-6	1,1,1-Trichloroethane	93.0	U	1	93.0	500	ug/Kg	10/14/25 10:32	VX101425
108-87-2	Methylcyclohexane	91.0	U	1	91.0	500	ug/Kg	10/14/25 10:32	VX101425
71-43-2	Benzene	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
107-06-2	1,2-Dichloroethane	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
79-01-6	Trichloroethene	81.0	U	1	81.0	500	ug/Kg	10/14/25 10:32	VX101425
78-87-5	1,2-Dichloropropane	91.0	U	1	91.0	500	ug/Kg	10/14/25 10:32	VX101425
75-27-4	Bromodichloromethane	78.0	U	1	78.0	500	ug/Kg	10/14/25 10:32	VX101425
108-10-1	4-Methyl-2-Pentanone	360	U	1	360	2500	ug/Kg	10/14/25 10:32	VX101425
108-88-3	Toluene	78.0	U	1	78.0	500	ug/Kg	10/14/25 10:32	VX101425
10061-02-6	t-1,3-Dichloropropene	65.0	U	1	65.0	500	ug/Kg	10/14/25 10:32	VX101425
10061-01-5	cis-1,3-Dichloropropene	62.0	U	1	62.0	500	ug/Kg	10/14/25 10:32	VX101425
79-00-5	1,1,2-Trichloroethane	92.0	U	1	92.0	500	ug/Kg	10/14/25 10:32	VX101425
591-78-6	2-Hexanone	370	U	1	370	2500	ug/Kg	10/14/25 10:32	VX101425
124-48-1	Dibromochloromethane	87.0	U	1	87.0	500	ug/Kg	10/14/25 10:32	VX101425
106-93-4	1,2-Dibromoethane	88.0	U	1	88.0	500	ug/Kg	10/14/25 10:32	VX101425
127-18-4	Tetrachloroethene	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
108-90-7	Chlorobenzene	91.0	U	1	91.0	500	ug/Kg	10/14/25 10:32	VX101425
100-41-4	Ethyl Benzene	67.0	U	1	67.0	500	ug/Kg	10/14/25 10:32	VX101425
179601-23-1	m/p-Xylenes	120	U	1	120	1000	ug/Kg	10/14/25 10:32	VX101425
95-47-6	o-Xylene	82.0	U	1	82.0	500	ug/Kg	10/14/25 10:32	VX101425
100-42-5	Styrene	71.0	U	1	71.0	500	ug/Kg	10/14/25 10:32	VX101425
75-25-2	Bromoform	86.0	U	1	86.0	500	ug/Kg	10/14/25 10:32	VX101425

Raw Data: **VX048154.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VX1014MBL01		SDG No.:	Q3276	
Lab Sample ID:	VX1014MBL01	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	78.0	U	1	78.0	500	ug/Kg	10/14/25 10:32	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	120	U	1	120	500	ug/Kg	10/14/25 10:32	VX101425
541-73-1	1,3-Dichlorobenzene	170	U	1	170	500	ug/Kg	10/14/25 10:32	VX101425
106-46-7	1,4-Dichlorobenzene	160	U	1	160	500	ug/Kg	10/14/25 10:32	VX101425
95-50-1	1,2-Dichlorobenzene	150	U	1	150	500	ug/Kg	10/14/25 10:32	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	1	180	500	ug/Kg	10/14/25 10:32	VX101425
120-82-1	1,2,4-Trichlorobenzene	300	U	1	300	500	ug/Kg	10/14/25 10:32	VX101425
87-61-6	1,2,3-Trichlorobenzene	320	U	1	320	500	ug/Kg	10/14/25 10:32	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.7			63 - 155	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			70 - 134	111%	SPK: 50		
2037-26-5	Toluene-d8	53.8			74 - 123	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.0			17 - 146	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	92900							
540-36-3	1,4-Difluorobenzene	189000							
3114-55-4	Chlorobenzene-d5	199000							
3855-82-1	1,4-Dichlorobenzene-d4	93600							

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_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Time: Oct 15 03:01:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	92850	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	189331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	199229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	93640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	83770	56.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.360%			
35) Dibromofluoromethane	5.367	113	70575	55.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.160%			
50) Toluene-d8	8.635	98	236315	53.786	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.580%			
62) 4-Bromofluorobenzene	11.061	95	98413	59.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.040%			

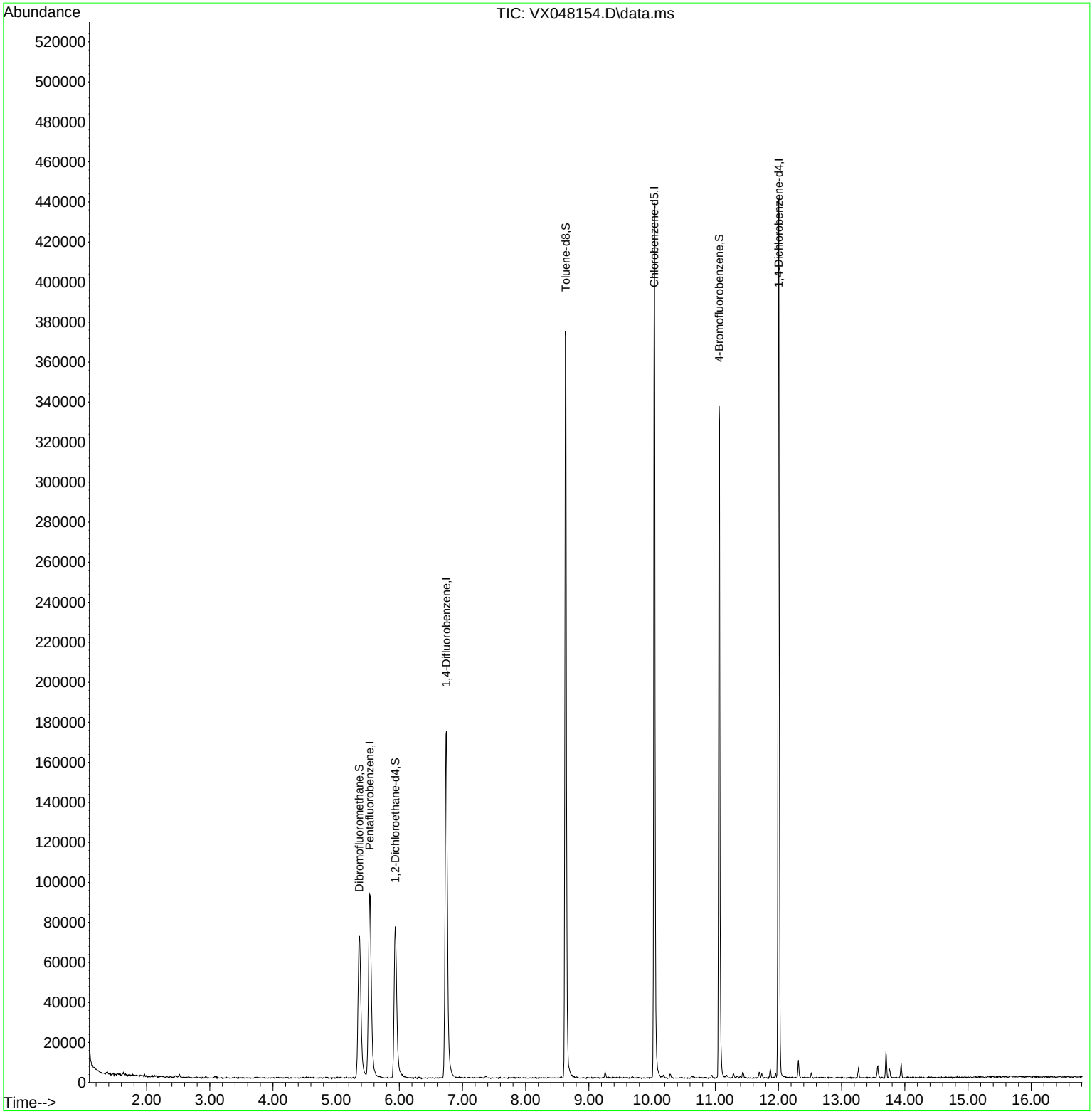
Target Compounds Qvalue

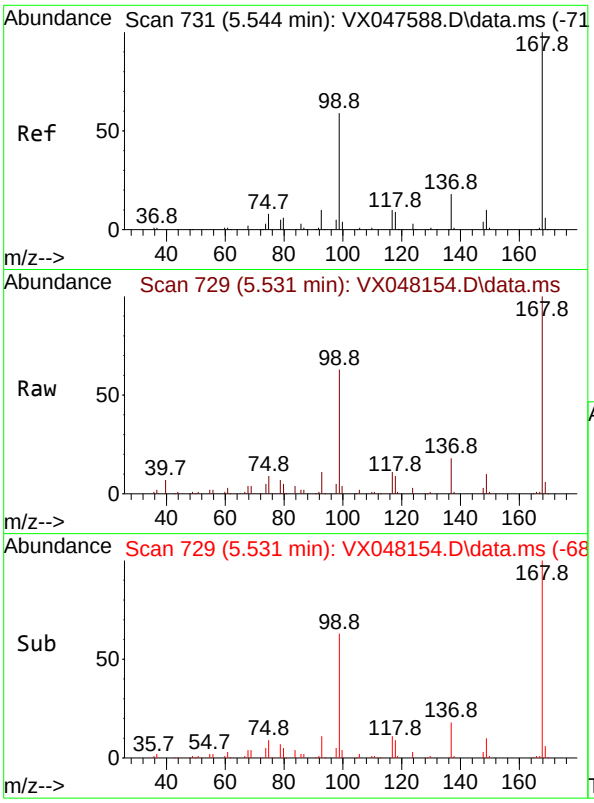
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Time: Oct 15 03:01:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



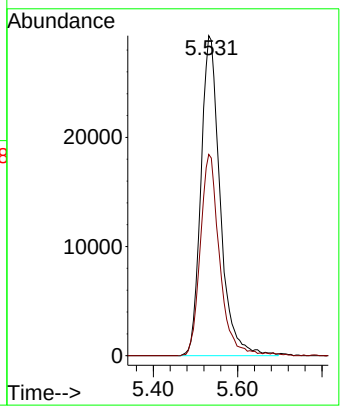


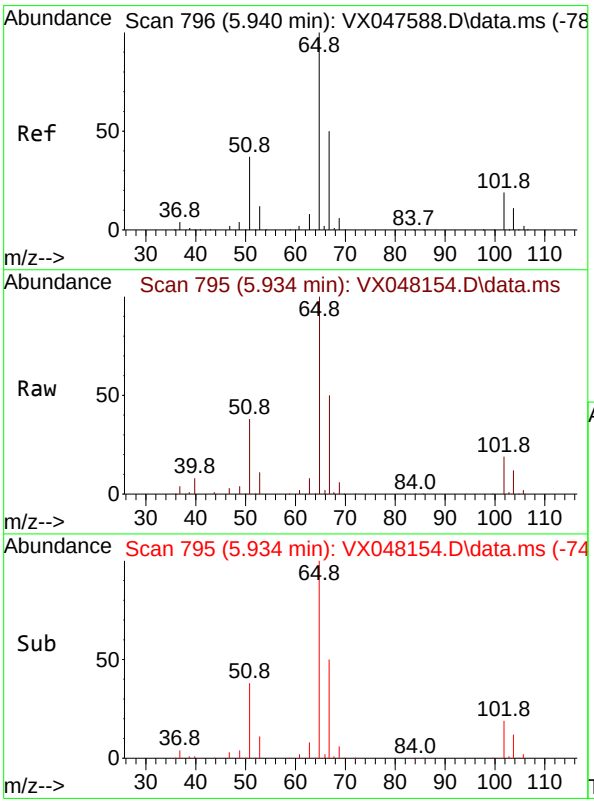
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion:168 Resp: 92850

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2

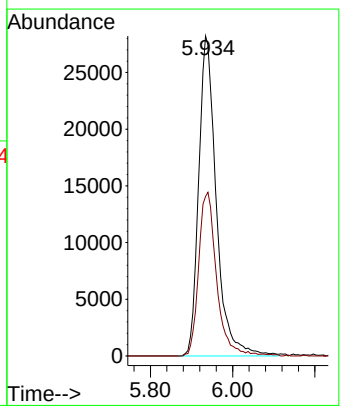


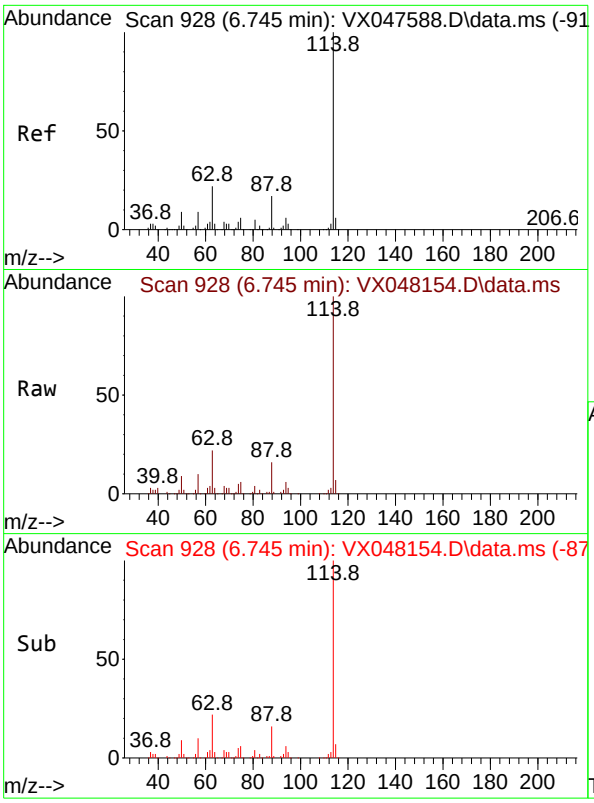


#33
1,2-Dichloroethane-d4
Concen: 56.680 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion: 65 Resp: 83770

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0



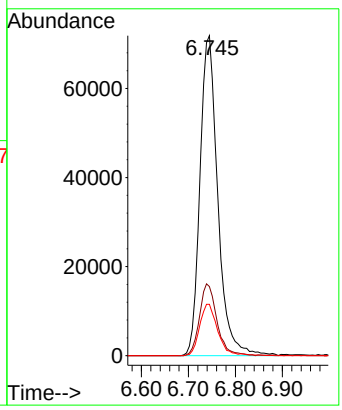


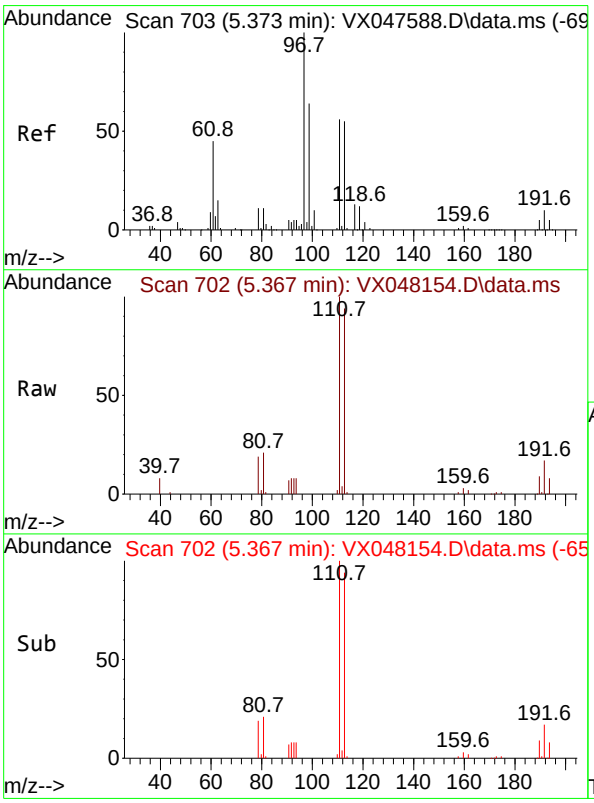
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion:114 Resp: 189331

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	16.0	0.0	34.2

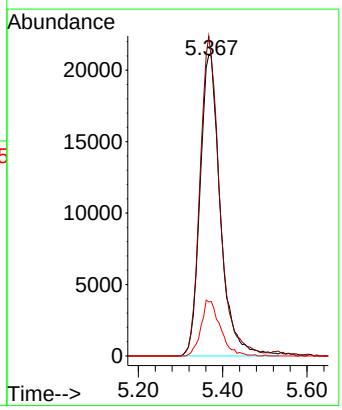


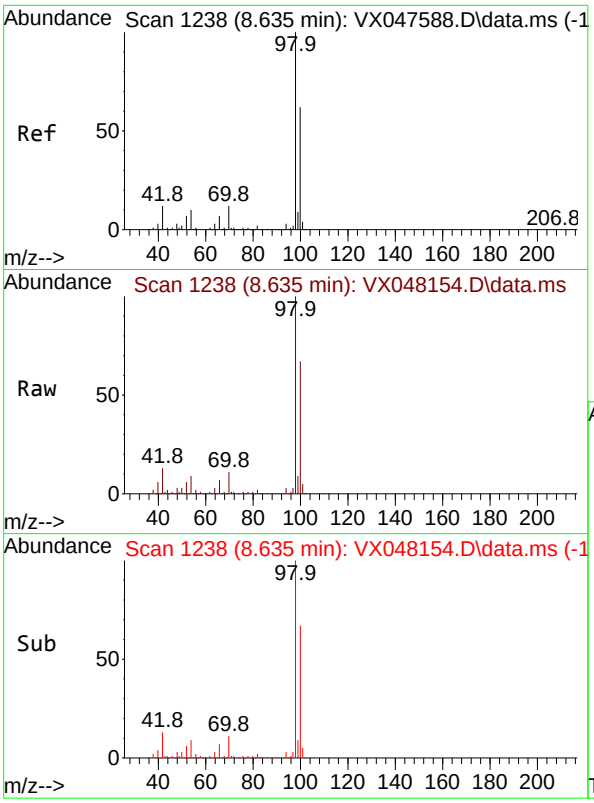


#35
Dibromofluoromethane
Concen: 55.581 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion:113 Resp: 70575

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.9	121.3
192	17.6	14.2	21.4



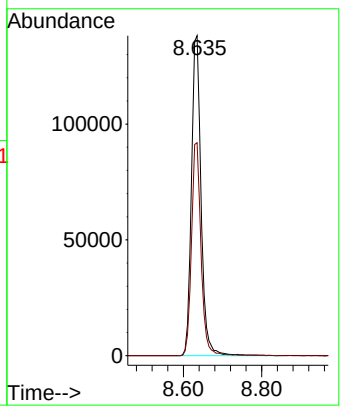


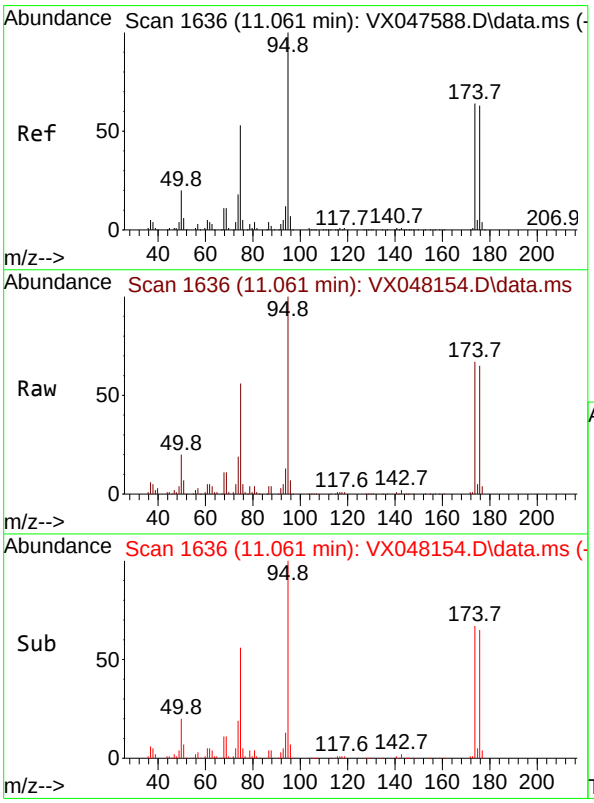
#50
Toluene-d8
Concen: 53.786 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion: 98 Resp: 236315

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

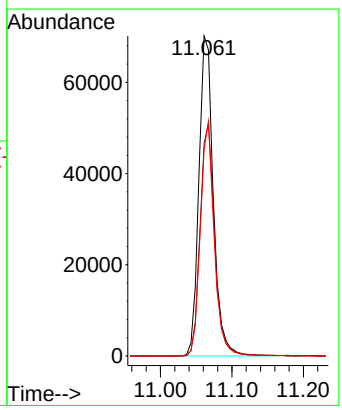


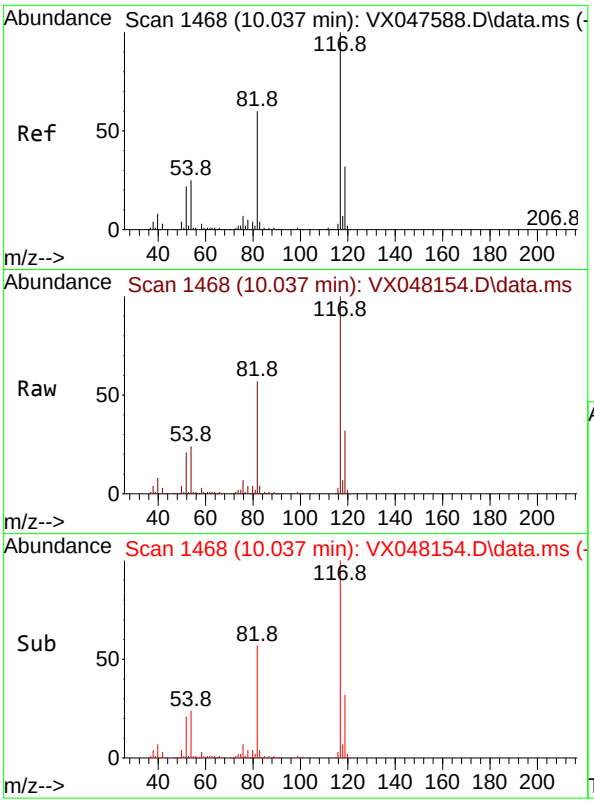


#62
4-Bromofluorobenzene
Concen: 59.020 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion: 95 Resp: 98413

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	141.6
176	70.2	0.0	138.4



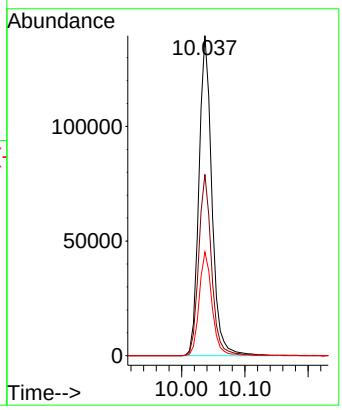


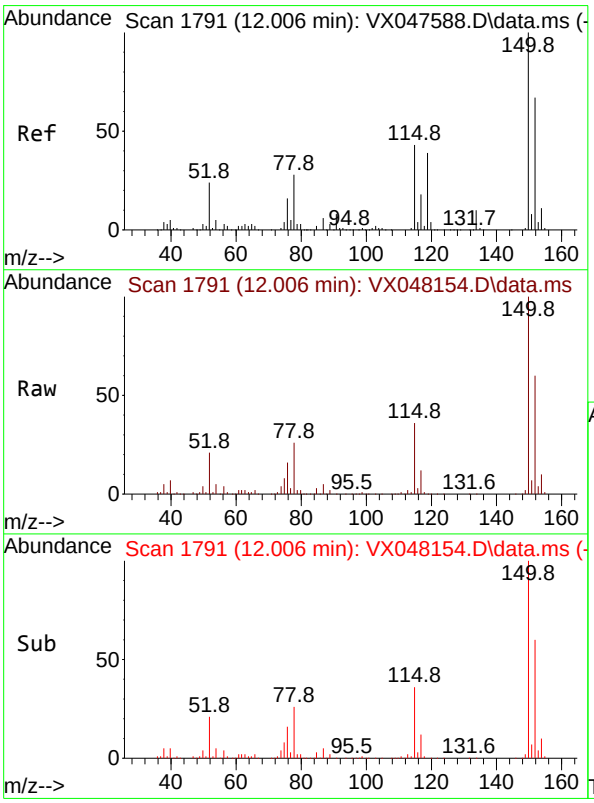
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion:117 Resp: 199229

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.8	71.6
119	32.4	25.2	37.8

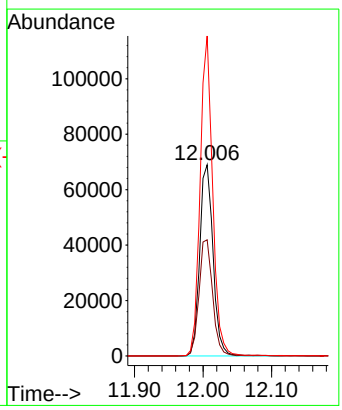




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion:152 Resp: 93640

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	156.4	0.0	352.0



Sample Results: **VX048154.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

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_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048154.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	690	702	719	rBV2	71172	235300	36.59%	6.549%
2	5.531	719	729	750	rVB	91135	287224	44.66%	7.994%
3	5.934	786	795	813	rBV	75568	226077	35.15%	6.292%
4	6.745	917	928	947	rBV	173557	460460	71.60%	12.815%
5	8.628	1230	1237	1253	rBV	373182	643114	100.00%	17.899%
6	10.037	1462	1468	1484	rBV	437241	625576	97.27%	17.411%
7	11.061	1631	1636	1648	rBV	335342	473943	73.70%	13.190%
8	12.006	1785	1791	1804	rBV	438891	595563	92.61%	16.575%
9	12.317	1837	1842	1848	rBV2	8876	11406	1.77%	0.317%
10	13.573	2043	2048	2055	rVB3	5961	9365	1.46%	0.261%
11	13.701	2066	2069	2074	rBV4	12408	16007	2.49%	0.445%
12	13.945	2104	2109	2113	rBV4	6669	9030	1.40%	0.251%

Sum of corrected areas: 3593065

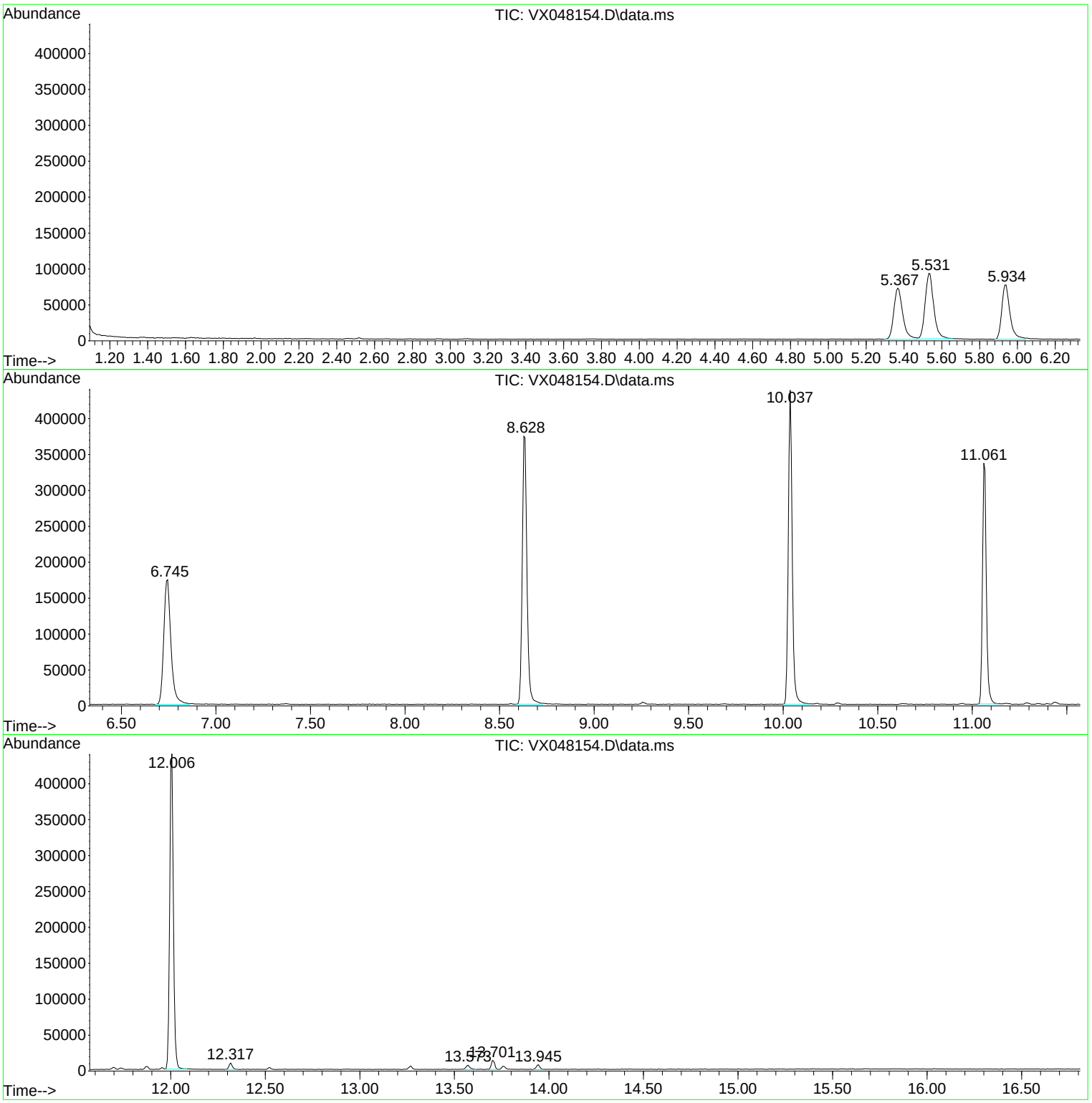
Sample Results: **VX048154.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX048154.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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: **VY023457.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY1014SBL01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	10/14/25 11:56	VY101425
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	10/14/25 11:56	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	10/14/25 11:56	VY101425
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	10/14/25 11:56	VY101425
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	10/14/25 11:56	VY101425
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	10/14/25 11:56	VY101425
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	10/14/25 11:56	VY101425
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	10/14/25 11:56	VY101425
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	10/14/25 11:56	VY101425
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	10/14/25 11:56	VY101425
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	10/14/25 11:56	VY101425
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	10/14/25 11:56	VY101425
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	10/14/25 11:56	VY101425
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	10/14/25 11:56	VY101425
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	10/14/25 11:56	VY101425
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	10/14/25 11:56	VY101425
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	10/14/25 11:56	VY101425
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	10/14/25 11:56	VY101425
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	10/14/25 11:56	VY101425
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	10/14/25 11:56	VY101425
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	10/14/25 11:56	VY101425
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	10/14/25 11:56	VY101425
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	10/14/25 11:56	VY101425
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	10/14/25 11:56	VY101425
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	10/14/25 11:56	VY101425
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	10/14/25 11:56	VY101425
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	10/14/25 11:56	VY101425
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	10/14/25 11:56	VY101425
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	10/14/25 11:56	VY101425
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	10/14/25 11:56	VY101425
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	10/14/25 11:56	VY101425
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	10/14/25 11:56	VY101425
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	10/14/25 11:56	VY101425

Raw Data: **VY023457.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VY1014SBL01			SDG No.:	Q3276
Lab Sample ID:	VY1014SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level : LOW		% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	10/14/25 11:56	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	10/14/25 11:56	VY101425
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	10/14/25 11:56	VY101425
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	10/14/25 11:56	VY101425
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	10/14/25 11:56	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	10/14/25 11:56	VY101425
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	10/14/25 11:56	VY101425
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	10/14/25 11:56	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.3			63 - 155	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.2			70 - 134	108%	SPK: 50		
2037-26-5	Toluene-d8	51.9			74 - 123	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.1			17 - 146	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	565000							
540-36-3	1,4-Difluorobenzene	1110000							
3114-55-4	Chlorobenzene-d5	1120000							
3855-82-1	1,4-Dichlorobenzene-d4	480000							

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_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Time: Oct 15 03:25:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	564646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	1109577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1120800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	479501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	279949	59.290	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.580%			
35) Dibromofluoromethane	7.640	113	369730	54.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.460%			
50) Toluene-d8	10.109	98	1318326	51.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.407	95	436769	52.104	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.200%			

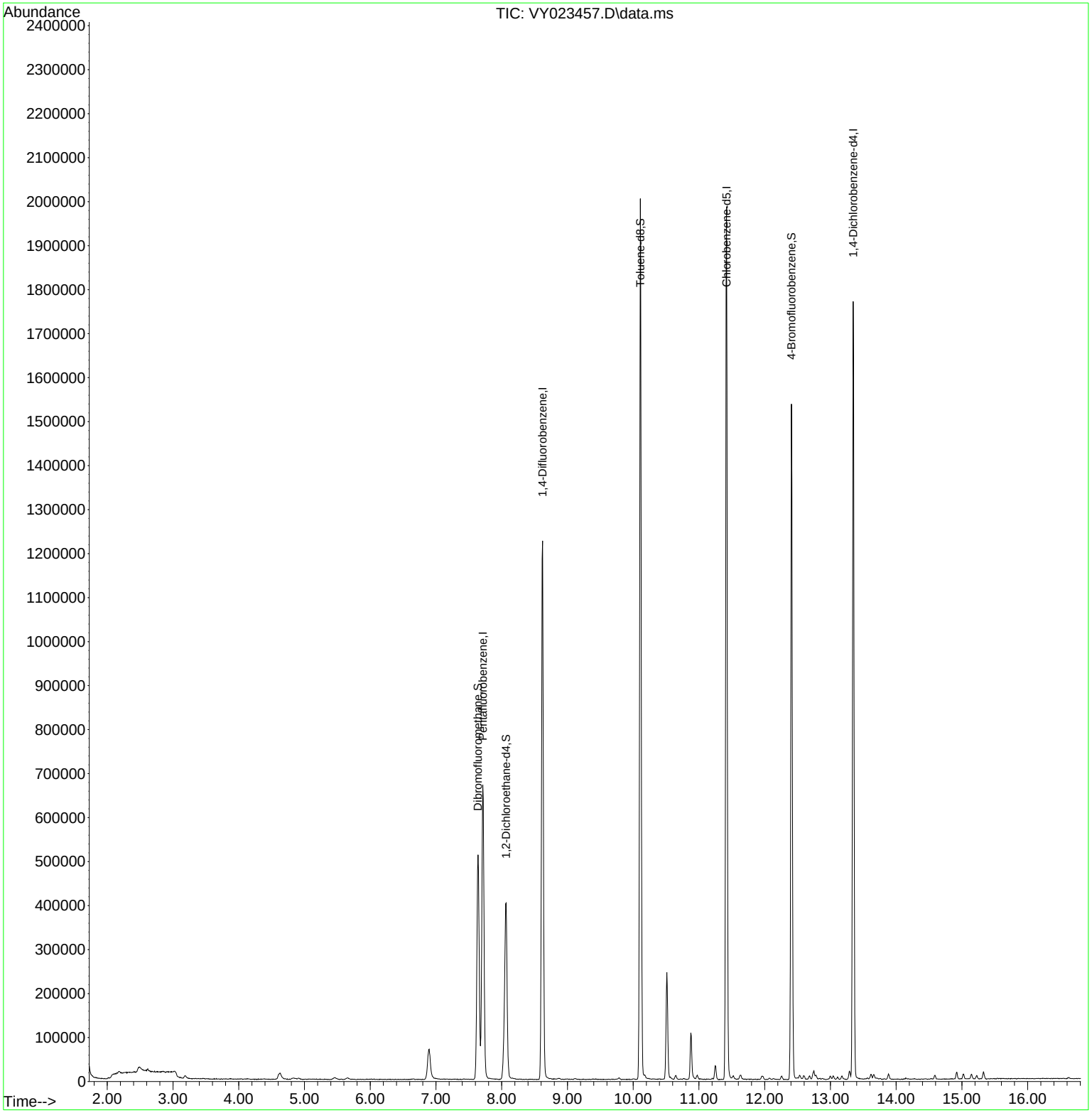
Target Compounds Qvalue

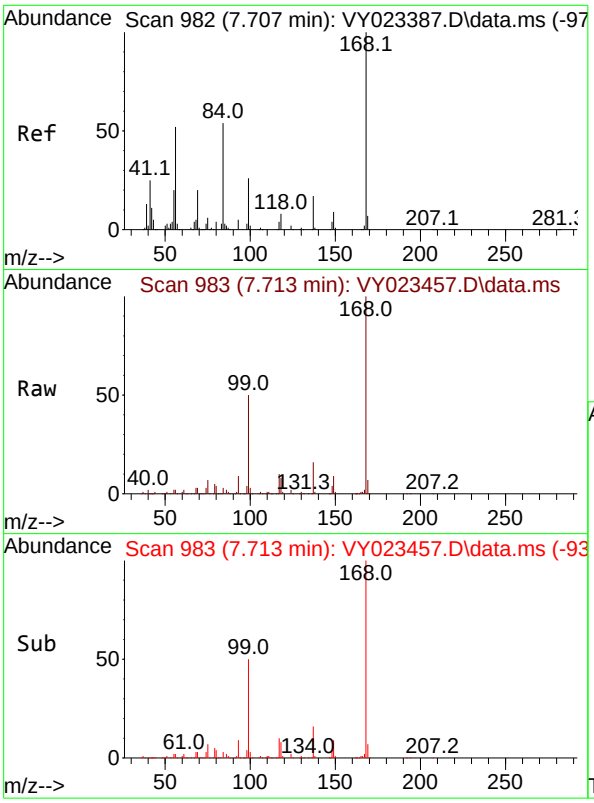
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Time: Oct 15 03:25:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



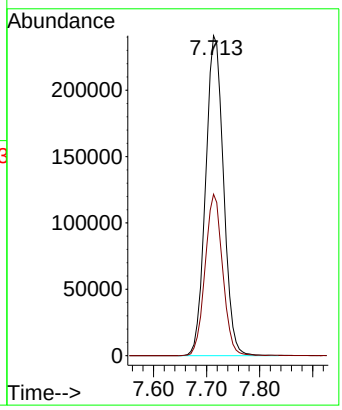


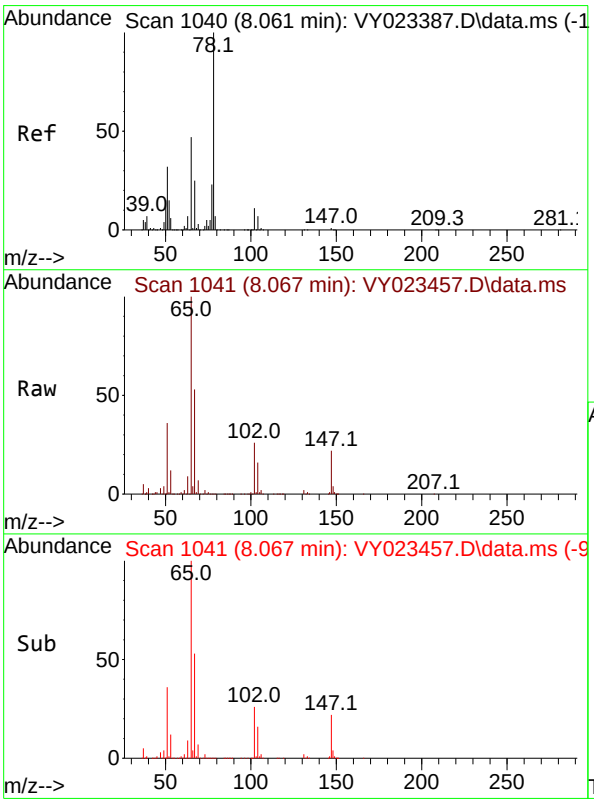
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:168 Resp: 564646

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.7	59.5

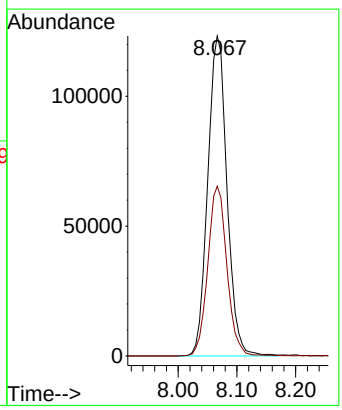


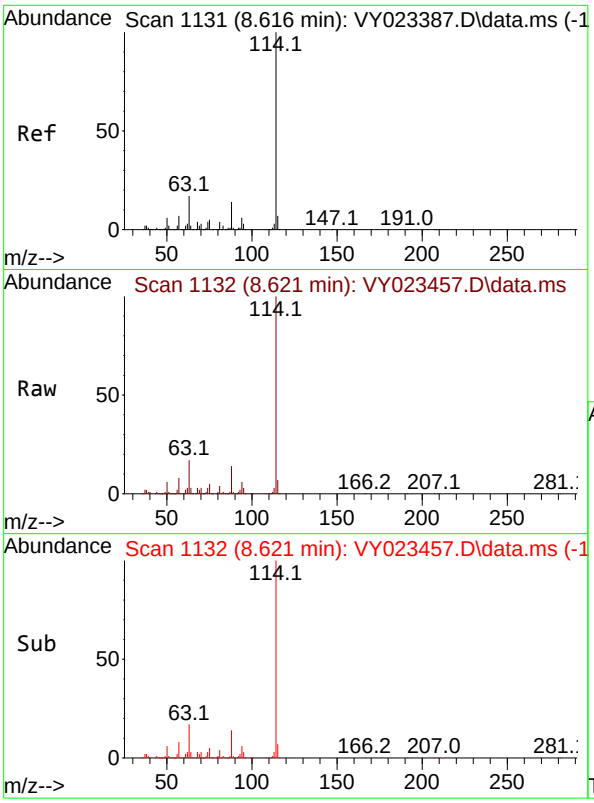


#33
1,2-Dichloroethane-d4
Concen: 59.290 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion: 65 Resp: 279949

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



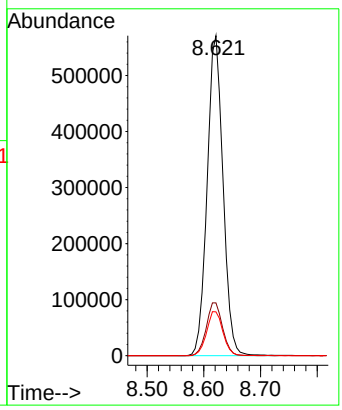


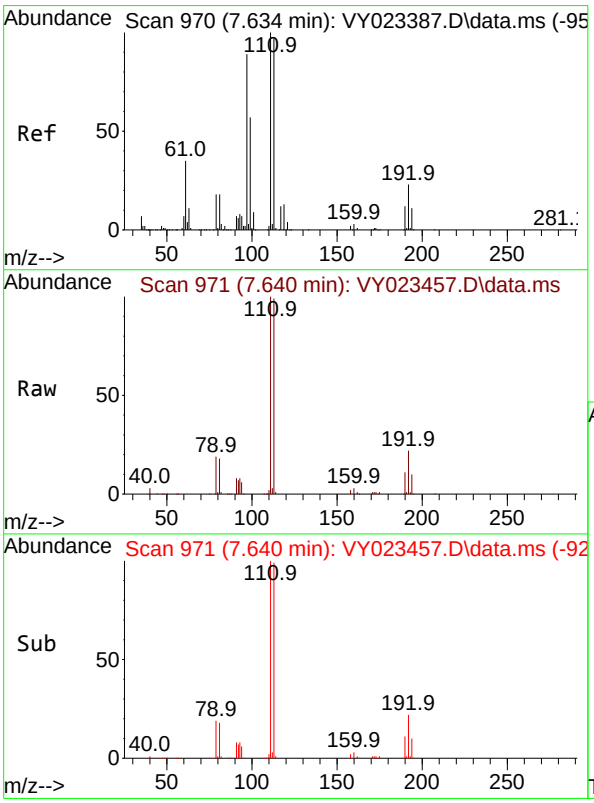
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:114 Resp: 1109577

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	34.2
88	13.7	0.0	28.4

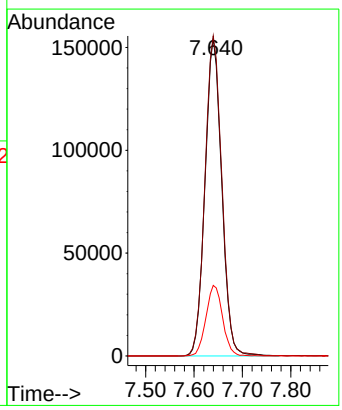


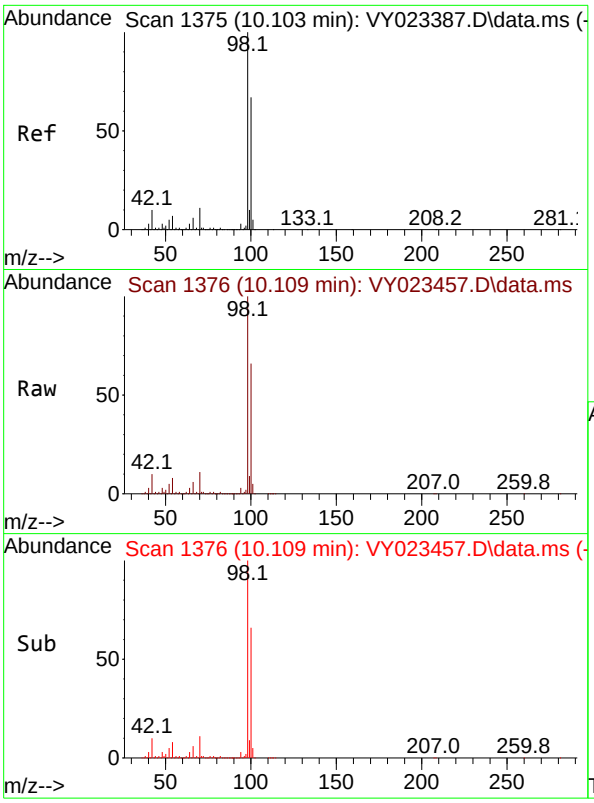


#35
Dibromofluoromethane
Concen: 54.230 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion:113 Resp: 369730

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.2	18.0	27.0



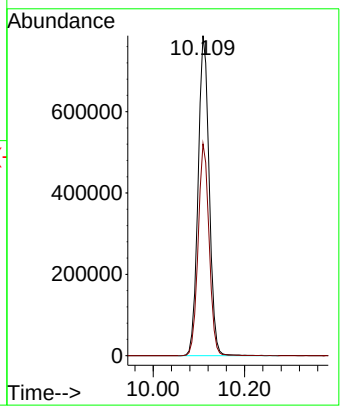


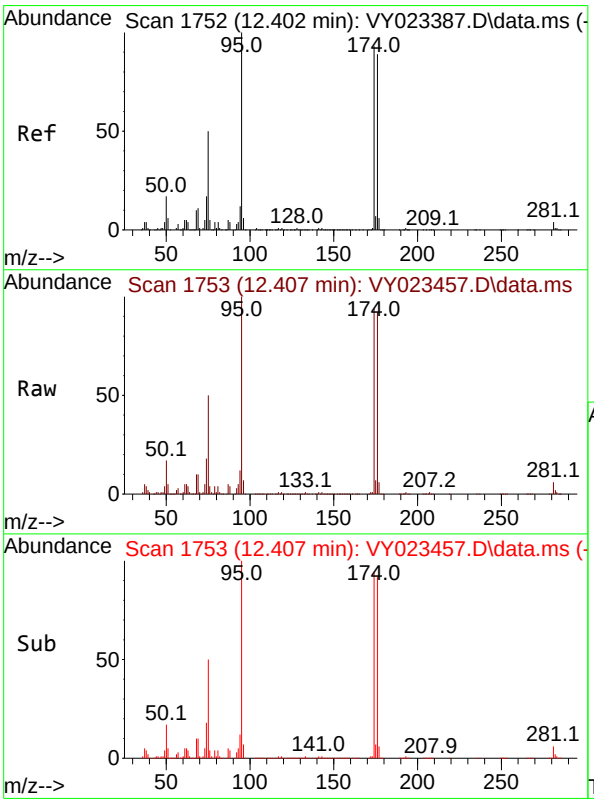
#50
Toluene-d8
Concen: 51.923 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion: 98 Resp: 1318326

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4

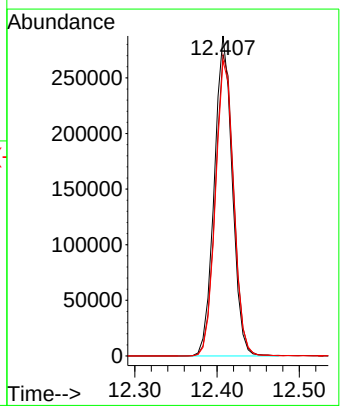


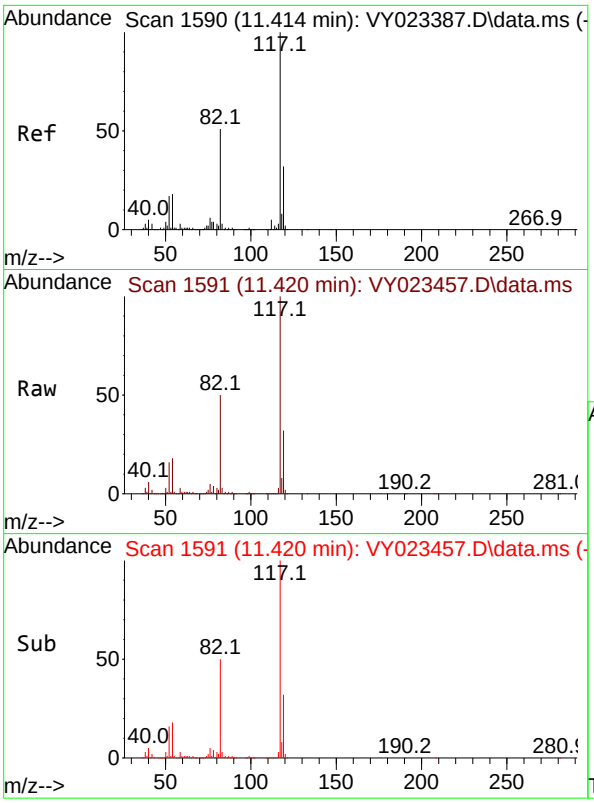


#62
4-Bromofluorobenzene
Concen: 52.104 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion: 95 Resp: 436769

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	192.8
176	93.6	0.0	187.6



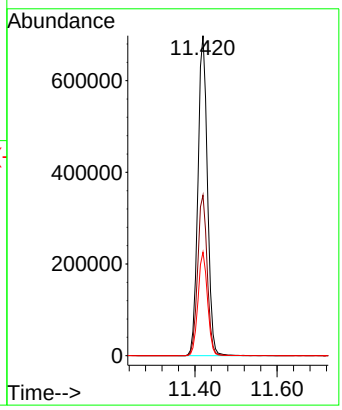


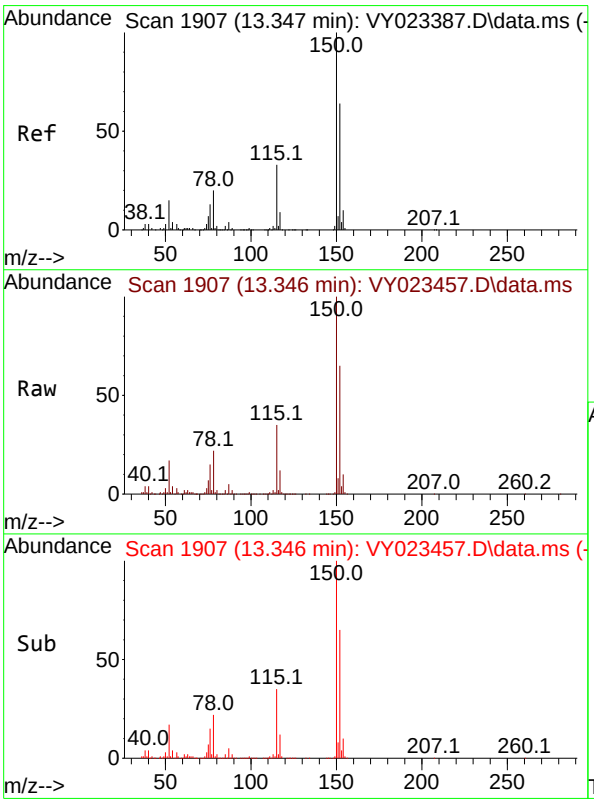
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:117 Resp: 1120800

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.4
119	32.4	25.6	38.4

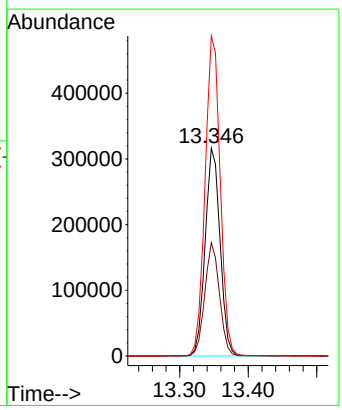




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion:152 Resp: 479501

Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.1	81.2
150	156.3	0.0	347.4



Sample Results: **VY023457.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

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_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.488	120	126	135	rBV	10134	36907	1.10%	0.194%
2	4.628	467	477	488	rBV4	14159	49126	1.46%	0.258%
3	6.896	837	849	864	rBV2	68672	222900	6.63%	1.170%
4	7.640	959	971	977	rBV	510637	1235628	36.77%	6.485%
5	7.713	977	983	997	rVB	667735	1552338	46.20%	8.148%
6	8.067	1027	1041	1056	rBV2	400186	1095770	32.61%	5.751%
7	8.621	1123	1132	1149	rBV	1224390	2409849	71.72%	12.648%
8	10.109	1368	1376	1386	rBV	2001795	3360146	100.00%	17.636%
9	10.511	1435	1442	1450	rBV	242834	437382	13.02%	2.296%
10	10.877	1493	1502	1514	rBV	105586	189493	5.64%	0.995%
11	11.249	1558	1563	1571	rVB2	31649	57359	1.71%	0.301%
12	11.420	1583	1591	1602	rBV	1983654	3205357	95.39%	16.823%
13	12.407	1744	1753	1765	rBV2	1535813	2458203	73.16%	12.902%
14	12.749	1803	1809	1812	rBV6	18152	35317	1.05%	0.185%
15	13.346	1901	1907	1920	rVB	1766940	2707101	80.56%	14.208%

Sum of corrected areas: 19052876

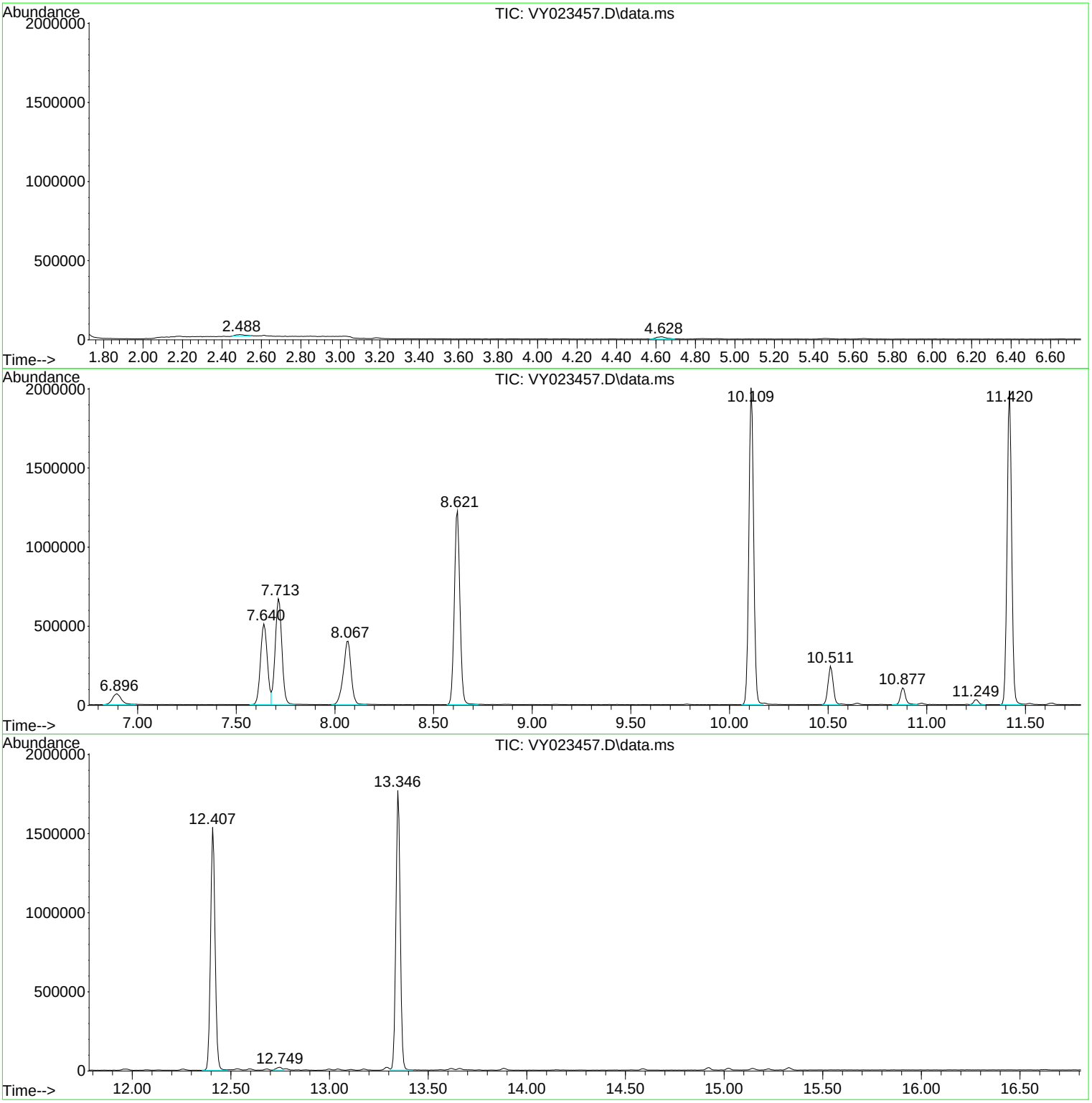
Sample Results: **VY023457.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VY023457.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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: **VX048164.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VX1014MBS02		SDG No.:	Q3276	
Lab Sample ID:	VX1014MBS02	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2100		1	110	500	ug/Kg	10/14/25 14:31	VX101425
74-87-3	Chloromethane	1900		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-01-4	Vinyl Chloride	2100		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
74-83-9	Bromomethane	2300		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-00-3	Chloroethane	1900		1	130	500	ug/Kg	10/14/25 14:31	VX101425
75-69-4	Trichlorofluoromethane	2200		1	120	500	ug/Kg	10/14/25 14:31	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	2100		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-35-4	1,1-Dichloroethene	2000		1	100	500	ug/Kg	10/14/25 14:31	VX101425
67-64-1	Acetone	7400		1	470	2500	ug/Kg	10/14/25 14:31	VX101425
75-15-0	Carbon Disulfide	2200		1	110	500	ug/Kg	10/14/25 14:31	VX101425
1634-04-4	Methyl tert-butyl Ether	1800		1	73.0	500	ug/Kg	10/14/25 14:31	VX101425
79-20-9	Methyl Acetate	1700		1	150	500	ug/Kg	10/14/25 14:31	VX101425
75-09-2	Methylene Chloride	1900		1	350	1000	ug/Kg	10/14/25 14:31	VX101425
156-60-5	trans-1,2-Dichloroethene	2000		1	86.0	500	ug/Kg	10/14/25 14:31	VX101425
75-34-3	1,1-Dichloroethane	2000		1	80.0	500	ug/Kg	10/14/25 14:31	VX101425
110-82-7	Cyclohexane	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
78-93-3	2-Butanone	8500		1	650	2500	ug/Kg	10/14/25 14:31	VX101425
56-23-5	Carbon Tetrachloride	2200		1	97.0	500	ug/Kg	10/14/25 14:31	VX101425
156-59-2	cis-1,2-Dichloroethene	1900		1	75.0	500	ug/Kg	10/14/25 14:31	VX101425
74-97-5	Bromochloromethane	2100		1	120	500	ug/Kg	10/14/25 14:31	VX101425
67-66-3	Chloroform	2000		1	84.0	500	ug/Kg	10/14/25 14:31	VX101425
71-55-6	1,1,1-Trichloroethane	2100		1	93.0	500	ug/Kg	10/14/25 14:31	VX101425
108-87-2	Methylcyclohexane	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
71-43-2	Benzene	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
107-06-2	1,2-Dichloroethane	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
79-01-6	Trichloroethene	2100		1	81.0	500	ug/Kg	10/14/25 14:31	VX101425
78-87-5	1,2-Dichloropropane	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
75-27-4	Bromodichloromethane	2000		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
108-10-1	4-Methyl-2-Pentanone	9400		1	360	2500	ug/Kg	10/14/25 14:31	VX101425
108-88-3	Toluene	2100		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
10061-02-6	t-1,3-Dichloropropene	1900		1	65.0	500	ug/Kg	10/14/25 14:31	VX101425
10061-01-5	cis-1,3-Dichloropropene	2000		1	62.0	500	ug/Kg	10/14/25 14:31	VX101425
79-00-5	1,1,2-Trichloroethane	2100		1	92.0	500	ug/Kg	10/14/25 14:31	VX101425
591-78-6	2-Hexanone	9100		1	370	2500	ug/Kg	10/14/25 14:31	VX101425
124-48-1	Dibromochloromethane	2200		1	87.0	500	ug/Kg	10/14/25 14:31	VX101425
106-93-4	1,2-Dibromoethane	2100		1	88.0	500	ug/Kg	10/14/25 14:31	VX101425
127-18-4	Tetrachloroethene	2200		1	110	500	ug/Kg	10/14/25 14:31	VX101425
108-90-7	Chlorobenzene	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
100-41-4	Ethyl Benzene	1900		1	67.0	500	ug/Kg	10/14/25 14:31	VX101425
179601-23-1	m/p-Xylenes	4000		1	120	1000	ug/Kg	10/14/25 14:31	VX101425
95-47-6	o-Xylene	2000		1	82.0	500	ug/Kg	10/14/25 14:31	VX101425
100-42-5	Styrene	1900		1	71.0	500	ug/Kg	10/14/25 14:31	VX101425
75-25-2	Bromoform	2100		1	86.0	500	ug/Kg	10/14/25 14:31	VX101425

Raw Data: **VX048164.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VX1014MBS02			SDG No.:	Q3276
Lab Sample ID:	VX1014MBS02	Soil Aliquot Vol: 100 uL		Matrix:	SOIL
Analytical Method:	8260D	Level : MED		% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 10000 uL		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1800		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	1800		1	120	500	ug/Kg	10/14/25 14:31	VX101425
541-73-1	1,3-Dichlorobenzene	1800		1	170	500	ug/Kg	10/14/25 14:31	VX101425
106-46-7	1,4-Dichlorobenzene	1800		1	160	500	ug/Kg	10/14/25 14:31	VX101425
95-50-1	1,2-Dichlorobenzene	1800		1	150	500	ug/Kg	10/14/25 14:31	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	1700		1	180	500	ug/Kg	10/14/25 14:31	VX101425
120-82-1	1,2,4-Trichlorobenzene	1700		1	300	500	ug/Kg	10/14/25 14:31	VX101425
87-61-6	1,2,3-Trichlorobenzene	1700		1	320	500	ug/Kg	10/14/25 14:31	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	45.8			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			70 - 134	99%	SPK: 50		
2037-26-5	Toluene-d8	48.0			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.6			17 - 146	99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	127000							
540-36-3	1,4-Difluorobenzene	220000							
3114-55-4	Chlorobenzene-d5	204000							
3855-82-1	1,4-Dichlorobenzene-d4	106000							

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_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	126511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	219762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	203522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92316	45.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.680%			
35) Dibromofluoromethane	5.373	113	73154	49.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.260%			
50) Toluene-d8	8.635	98	244866	48.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.020%			
62) 4-Bromofluorobenzene	11.061	95	95977	49.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	27908	21.303	ug/l	99
3) Chloromethane	1.301	50	31885	18.519	ug/l	100
4) Vinyl Chloride	1.380	62	34769	20.629	ug/l	99
5) Bromomethane	1.618	94	24527	22.949	ug/l	98
6) Chloroethane	1.697	64	21920	19.459	ug/l	95
7) Trichlorofluoromethane	1.898	101	53806	21.501	ug/l	100
8) Diethyl Ether	2.136	74	18866	18.429	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	31384	21.448	ug/l	98
10) Methyl Iodide	2.459	142	34385	15.067	ug/l	97
11) Tert butyl alcohol	2.941	59	19972	89.051	ug/l #	94
12) 1,1-Dichloroethene	2.325	96	30118	20.037	ug/l	89
13) Acrolein	2.239	56	19883	96.204	ug/l	98
14) Allyl chloride	2.666	41	55043	17.746	ug/l	98
15) Acrylonitrile	3.062	53	76688	92.313	ug/l	99
16) Acetone	2.374	43	64510	73.677	ug/l	99
17) Carbon Disulfide	2.520	76	90131	21.904	ug/l	98
18) Methyl Acetate	2.703	43	32229	16.540	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	97346	17.741	ug/l	98
20) Methylene Chloride	2.788	84	35355	19.076	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	32065	19.815	ug/l	94
22) Diisopropyl ether	3.751	45	115036	19.137	ug/l #	83
23) Vinyl Acetate	3.715	43	429172	89.207	ug/l	99
24) 1,1-Dichloroethane	3.611	63	62871	19.678	ug/l	99
25) 2-Butanone	4.544	43	93339	85.462	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49023	18.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	38031	19.190	ug/l	98
28) Bromochloromethane	4.891	49	28786	20.638	ug/l	98
29) Tetrahydrofuran	4.995	42	58301	88.735	ug/l	99
30) Chloroform	5.080	83	65690	20.346	ug/l	99
31) Cyclohexane	5.464	56	53684	20.174	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	56411	20.599	ug/l	99
36) 1,1-Dichloropropene	5.684	75	42560	19.762	ug/l	98
37) Ethyl Acetate	4.708	43	40095	17.388	ug/l	96
38) Carbon Tetrachloride	5.672	117	50436	21.554	ug/l	98
39) Methylcyclohexane	7.367	83	49932	20.425	ug/l	98
40) Benzene	6.031	78	131458	20.097	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	21489	18.051	ug/l		98
42) 1,2-Dichloroethane	6.074	62	49904	20.051	ug/l		99
43) Isopropyl Acetate	6.330	43	67455	17.836	ug/l		99
44) Trichloroethene	7.117	130	32622	20.628	ug/l		92
45) 1,2-Dichloropropane	7.415	63	34053	20.331	ug/l		97
46) Dibromomethane	7.568	93	25057	20.558	ug/l		95
47) Bromodichloromethane	7.812	83	50450	20.058	ug/l		99
48) Methyl methacrylate	7.684	41	31065	16.491	ug/l		97
49) 1,4-Dioxane	7.653	88	7740	406.562	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	196290	93.613	ug/l		100
52) Toluene	8.702	92	83633	20.753	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	49230	19.189	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	55331	20.178	ug/l		99
55) 1,1,2-Trichloroethane	9.141	97	32434	20.872	ug/l		95
56) Ethyl methacrylate	9.104	69	44586	18.270	ug/l		98
57) 1,3-Dichloropropane	9.293	76	56011	20.983	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	98240	91.527	ug/l		99
59) 2-Hexanone	9.415	43	137472	91.286	ug/l		98
60) Dibromochloromethane	9.506	129	39107	21.842	ug/l		98
61) 1,2-Dibromoethane	9.592	107	33037	20.873	ug/l		100
64) Tetrachloroethene	9.256	164	29539	22.264	ug/l		97
65) Chlorobenzene	10.061	112	91997	19.897	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	32320	20.257	ug/l		99
67) Ethyl Benzene	10.177	91	153079	19.188	ug/l		99
68) m/p-Xylenes	10.287	106	118811	40.012	ug/l		100
69) o-Xylene	10.628	106	56123	19.541	ug/l		98
70) Styrene	10.640	104	97163	19.307	ug/l		98
71) Bromoform	10.781	173	25312	21.247	ug/l	#	98
73) Isopropylbenzene	10.945	105	146182	18.198	ug/l		100
74) N-amyl acetate	10.829	43	57919	15.812	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43407	17.861	ug/l		98
76) 1,2,3-Trichloropropane	11.226	75	41619m	19.455	ug/l		
77) Bromobenzene	11.183	156	35809	18.100	ug/l		98
78) n-propylbenzene	11.287	91	175875	18.521	ug/l		100
79) 2-Chlorotoluene	11.348	91	104969	18.048	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	121183	18.362	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	12751	15.200	ug/l		97
82) 4-Chlorotoluene	11.439	91	125056	18.206	ug/l		99
83) tert-Butylbenzene	11.695	119	119442	17.680	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	122592	18.322	ug/l		99
85) sec-Butylbenzene	11.872	105	148893	18.554	ug/l		99
86) p-Isopropyltoluene	11.994	119	123278	18.146	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	66519	18.102	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	68575	18.182	ug/l		98
89) n-Butylbenzene	12.317	91	114994	18.293	ug/l		98
90) Hexachloroethane	12.518	117	24926	20.898	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	64083	18.304	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	8441	17.155	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	38226	16.800	ug/l		98
94) Hexachlorobutadiene	13.707	225	15227	19.702	ug/l		99
95) Naphthalene	13.756	128	108064	15.597	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	35888	16.956	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

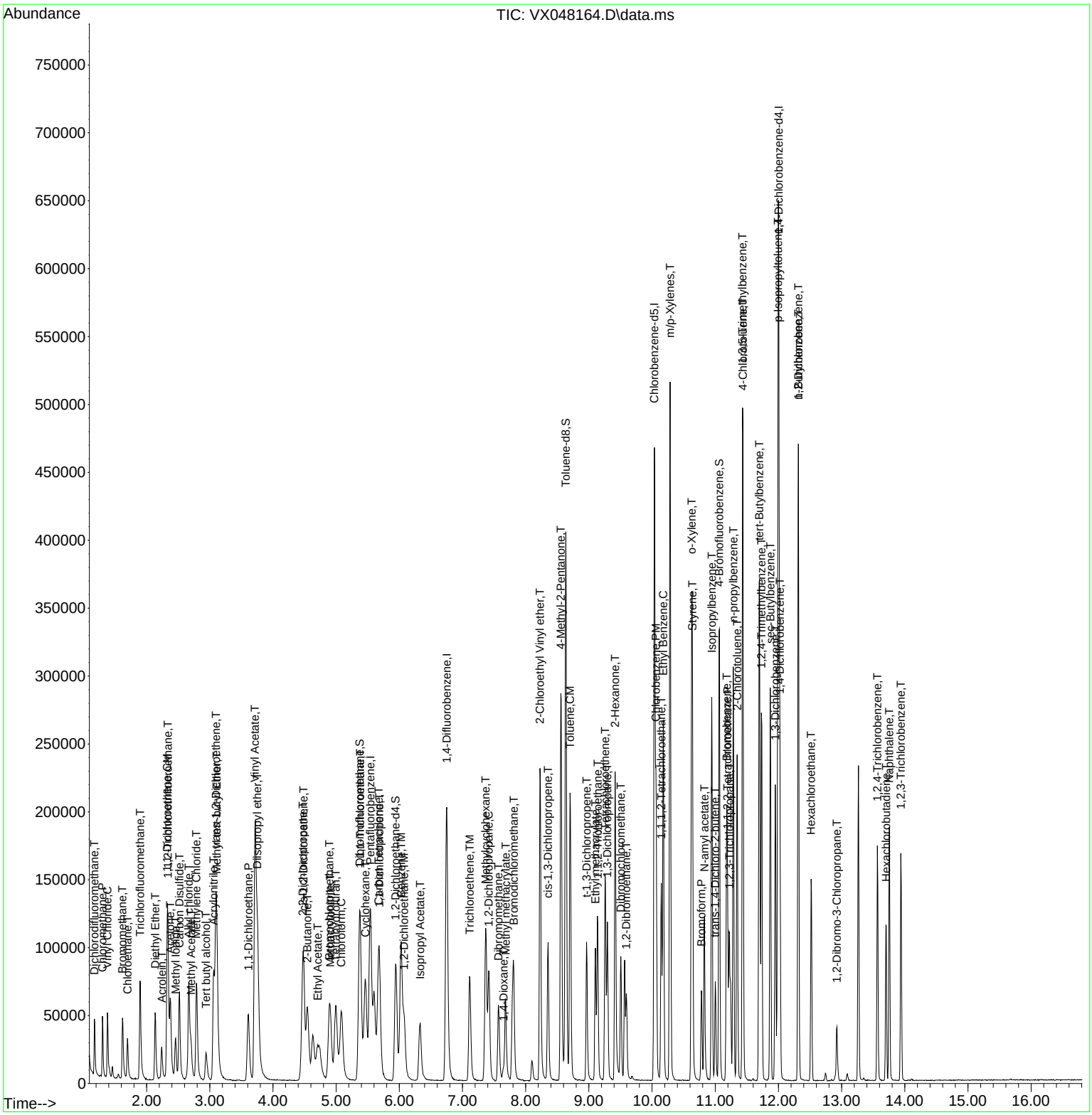
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



Raw Data: **VY023458.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY1014SBS01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.4		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
74-87-3	Chloromethane	20.2		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
74-83-9	Bromomethane	21.0		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
75-00-3	Chloroethane	21.0		1	1.30	5.00	ug/Kg	10/14/25 12:26	VY101425
75-69-4	Trichlorofluoromethane	20.2		1	1.20	5.00	ug/Kg	10/14/25 12:26	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
75-35-4	1,1-Dichloroethene	20.0		1	1.00	5.00	ug/Kg	10/14/25 12:26	VY101425
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	10/14/25 12:26	VY101425
75-15-0	Carbon Disulfide	20.3		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
1634-04-4	Methyl tert-butyl Ether	17.8		1	0.73	5.00	ug/Kg	10/14/25 12:26	VY101425
79-20-9	Methyl Acetate	14.5		1	1.50	5.00	ug/Kg	10/14/25 12:26	VY101425
75-09-2	Methylene Chloride	19.2		1	3.50	10.0	ug/Kg	10/14/25 12:26	VY101425
156-60-5	trans-1,2-Dichloroethene	20.5		1	0.86	5.00	ug/Kg	10/14/25 12:26	VY101425
75-34-3	1,1-Dichloroethane	20.6		1	0.80	5.00	ug/Kg	10/14/25 12:26	VY101425
110-82-7	Cyclohexane	19.3		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
78-93-3	2-Butanone	100		1	6.50	25.0	ug/Kg	10/14/25 12:26	VY101425
56-23-5	Carbon Tetrachloride	21.1		1	0.97	5.00	ug/Kg	10/14/25 12:26	VY101425
156-59-2	cis-1,2-Dichloroethene	19.9		1	0.75	5.00	ug/Kg	10/14/25 12:26	VY101425
74-97-5	Bromochloromethane	20.4		1	1.20	5.00	ug/Kg	10/14/25 12:26	VY101425
67-66-3	Chloroform	20.6		1	0.84	5.00	ug/Kg	10/14/25 12:26	VY101425
71-55-6	1,1,1-Trichloroethane	20.6		1	0.93	5.00	ug/Kg	10/14/25 12:26	VY101425
108-87-2	Methylcyclohexane	19.8		1	0.91	5.00	ug/Kg	10/14/25 12:26	VY101425
71-43-2	Benzene	20.7		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
107-06-2	1,2-Dichloroethane	19.5		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
79-01-6	Trichloroethene	20.7		1	0.81	5.00	ug/Kg	10/14/25 12:26	VY101425
78-87-5	1,2-Dichloropropane	20.5		1	0.91	5.00	ug/Kg	10/14/25 12:26	VY101425
75-27-4	Bromodichloromethane	20.2		1	0.78	5.00	ug/Kg	10/14/25 12:26	VY101425
108-10-1	4-Methyl-2-Pentanone	86.8		1	3.60	25.0	ug/Kg	10/14/25 12:26	VY101425
108-88-3	Toluene	20.6		1	0.78	5.00	ug/Kg	10/14/25 12:26	VY101425
10061-02-6	t-1,3-Dichloropropene	19.3		1	0.65	5.00	ug/Kg	10/14/25 12:26	VY101425
10061-01-5	cis-1,3-Dichloropropene	20.0		1	0.62	5.00	ug/Kg	10/14/25 12:26	VY101425
79-00-5	1,1,2-Trichloroethane	19.5		1	0.92	5.00	ug/Kg	10/14/25 12:26	VY101425
591-78-6	2-Hexanone	96.7		1	3.70	25.0	ug/Kg	10/14/25 12:26	VY101425
124-48-1	Dibromochloromethane	20.0		1	0.87	5.00	ug/Kg	10/14/25 12:26	VY101425
106-93-4	1,2-Dibromoethane	18.7		1	0.88	5.00	ug/Kg	10/14/25 12:26	VY101425
127-18-4	Tetrachloroethene	20.6		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
108-90-7	Chlorobenzene	20.2		1	0.91	5.00	ug/Kg	10/14/25 12:26	VY101425
100-41-4	Ethyl Benzene	19.9		1	0.67	5.00	ug/Kg	10/14/25 12:26	VY101425
179601-23-1	m/p-Xylenes	40.8		1	1.20	10.0	ug/Kg	10/14/25 12:26	VY101425
95-47-6	o-Xylene	19.5		1	0.82	5.00	ug/Kg	10/14/25 12:26	VY101425
100-42-5	Styrene	20.2		1	0.71	5.00	ug/Kg	10/14/25 12:26	VY101425
75-25-2	Bromoform	19.0		1	0.86	5.00	ug/Kg	10/14/25 12:26	VY101425

Raw Data: **VY023458.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY1014SBS01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.9		1	0.78	5.00	ug/Kg	10/14/25 12:26	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1	1.20	5.00	ug/Kg	10/14/25 12:26	VY101425
541-73-1	1,3-Dichlorobenzene	19.9		1	1.70	5.00	ug/Kg	10/14/25 12:26	VY101425
106-46-7	1,4-Dichlorobenzene	19.7		1	1.60	5.00	ug/Kg	10/14/25 12:26	VY101425
95-50-1	1,2-Dichlorobenzene	19.5		1	1.50	5.00	ug/Kg	10/14/25 12:26	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1	1.80	5.00	ug/Kg	10/14/25 12:26	VY101425
120-82-1	1,2,4-Trichlorobenzene	17.4		1	3.00	5.00	ug/Kg	10/14/25 12:26	VY101425
87-61-6	1,2,3-Trichlorobenzene	16.9		1	3.20	5.00	ug/Kg	10/14/25 12:26	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.2			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			70 - 134	98%	SPK: 50		
2037-26-5	Toluene-d8	49.3			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.5			17 - 146	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	532000							
540-36-3	1,4-Difluorobenzene	776000							
3114-55-4	Chlorobenzene-d5	682000							
3855-82-1	1,4-Dichlorobenzene-d4	358000							

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_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	531866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	775568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	681796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	357890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	205302	46.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.320%			
35) Dibromofluoromethane	7.640	113	233146	48.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.840%			
50) Toluene-d8	10.109	98	874418	49.271	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.408	95	272187	46.454	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	81753	21.355	ug/l	99
3) Chloromethane	2.074	50	105426	20.215	ug/l	98
4) Vinyl Chloride	2.208	62	137299	20.213	ug/l	98
5) Bromomethane	2.598	94	119704	20.999	ug/l	98
6) Chloroethane	2.739	64	97209	20.994	ug/l	100
7) Trichlorofluoromethane	3.056	101	190876	20.238	ug/l	97
8) Diethyl Ether	3.458	74	44496	18.055	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	102081	20.858	ug/l	99
10) Methyl Iodide	4.007	142	101843	18.692	ug/l	99
11) Tert butyl alcohol	4.854	59	27690	83.688	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	95039	20.032	ug/l	94
13) Acrolein	3.659	56	31146	66.618	ug/l	98
14) Allyl chloride	4.385	41	110873	19.175	ug/l	98
15) Acrylonitrile	5.061	53	83029	88.033	ug/l	100
16) Acetone	3.873	43	126884	119.835	ug/l	98
17) Carbon Disulfide	4.110	76	276041	20.329	ug/l	99
18) Methyl Acetate	4.391	43	40389	14.541	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	203201	17.820	ug/l	100
20) Methylene Chloride	4.616	84	109997	19.212	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	106974	20.480	ug/l	94
22) Diisopropyl ether	6.025	45	250156	19.559	ug/l	96
23) Vinyl Acetate	5.964	43	642693	92.837	ug/l	98
24) 1,1-Dichloroethane	5.921	63	174934	20.648	ug/l	98
25) 2-Butanone	6.896	43	130709	101.117	ug/l	94
26) 2,2-Dichloropropane	6.890	77	162480	20.901	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	120168	19.916	ug/l	99
28) Bromochloromethane	7.250	49	64471	20.385	ug/l	97
29) Tetrahydrofuran	7.268	42	60529	82.574	ug/l	98
30) Chloroform	7.427	83	192163	20.645	ug/l	99
31) Cyclohexane	7.707	56	142556	19.268	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	174548	20.635	ug/l	100
36) 1,1-Dichloropropene	7.841	75	129434	20.516	ug/l	99
37) Ethyl Acetate	6.988	43	45608	18.247	ug/l	98
38) Carbon Tetrachloride	7.823	117	161260	21.080	ug/l	98
39) Methylcyclohexane	9.115	83	162294	19.757	ug/l	98
40) Benzene	8.085	78	414247	20.733	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	26229m	19.403	ug/l		
42) 1,2-Dichloroethane	8.158	62	100669	19.536	ug/l		99
43) Isopropyl Acetate	8.201	43	85853	17.226	ug/l		99
44) Trichloroethene	8.866	130	121064	20.702	ug/l		95
45) 1,2-Dichloropropane	9.146	63	90566	20.522	ug/l		97
46) Dibromomethane	9.237	93	54495	19.528	ug/l		98
47) Bromodichloromethane	9.426	83	141692	20.161	ug/l		99
48) Methyl methacrylate	9.225	41	38689	16.524	ug/l		94
49) 1,4-Dioxane	9.225	88	10651	329.197	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	223605	86.835	ug/l		98
52) Toluene	10.170	92	266643	20.554	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	118025	19.313	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	143895	19.951	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	73249	19.520	ug/l		94
56) Ethyl methacrylate	10.438	69	75043	17.336	ug/l		98
57) 1,3-Dichloropropane	10.719	76	116342	19.565	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	165771	85.487	ug/l		99
59) 2-Hexanone	10.762	43	177961	96.705	ug/l		98
60) Dibromochloromethane	10.914	129	105303	20.015	ug/l		100
61) 1,2-Dibromoethane	11.018	107	67050	18.735	ug/l		98
64) Tetrachloroethene	10.646	164	145052	20.604	ug/l		97
65) Chlorobenzene	11.444	112	299766	20.215	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	107802	20.401	ug/l		99
67) Ethyl Benzene	11.517	91	478469	19.934	ug/l		99
68) m/p-Xylenes	11.633	106	392394	40.757	ug/l		99
69) o-Xylene	11.956	106	176540	19.549	ug/l		99
70) Styrene	11.969	104	299261	20.152	ug/l		100
71) Bromoform	12.133	173	62280	19.001	ug/l	#	100
73) Isopropylbenzene	12.255	105	468838	19.878	ug/l		99
74) N-amyl acetate	12.072	43	69522	16.411	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	70271	18.216	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	57073m	18.075	ug/l		
77) Bromobenzene	12.530	156	120367	19.197	ug/l		99
78) n-propylbenzene	12.597	91	556336	20.384	ug/l		99
79) 2-Chlorotoluene	12.682	91	319288	19.977	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	389505	20.437	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	23267	18.069	ug/l		98
82) 4-Chlorotoluene	12.779	91	333116	20.237	ug/l		100
83) tert-Butylbenzene	12.999	119	350325	19.908	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	387734	20.385	ug/l		99
85) sec-Butylbenzene	13.176	105	519262	20.571	ug/l		99
86) p-Isopropyltoluene	13.292	119	437290	20.346	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	243530	19.945	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	237215	19.671	ug/l		99
89) n-Butylbenzene	13.621	91	368348	19.669	ug/l		99
90) Hexachloroethane	13.877	117	95745	20.712	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	208397	19.468	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10675	16.865	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	116190	17.410	ug/l		99
94) Hexachlorobutadiene	15.023	225	81091	19.493	ug/l		99
95) Naphthalene	15.145	128	154221	14.512	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97472	16.862	ug/l		99

Sample Results: **VY023458.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

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

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

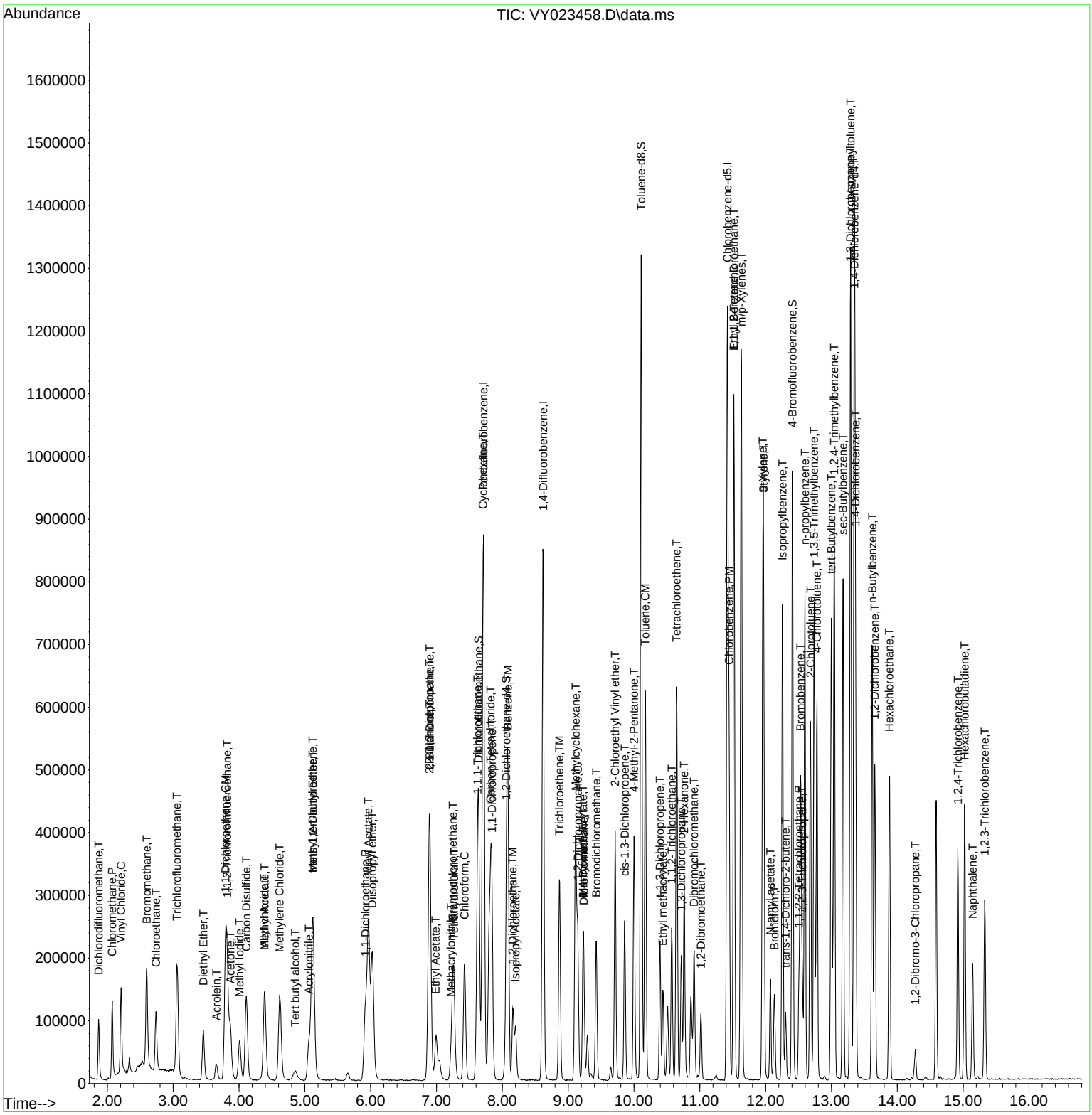
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VY1014SBSD01			SDG No.:	Q3276
Lab Sample ID:	VY1014SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level : LOW		% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.0		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
74-87-3	Chloromethane	20.3		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
75-01-4	Vinyl Chloride	20.1		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
74-83-9	Bromomethane	20.7		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
75-00-3	Chloroethane	20.6		1	1.30	5.00	ug/Kg	10/14/25 12:49	VY101425
75-69-4	Trichlorofluoromethane	20.0		1	1.20	5.00	ug/Kg	10/14/25 12:49	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	20.7		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
75-35-4	1,1-Dichloroethene	19.8		1	1.00	5.00	ug/Kg	10/14/25 12:49	VY101425
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	10/14/25 12:49	VY101425
75-15-0	Carbon Disulfide	20.3		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
1634-04-4	Methyl tert-butyl Ether	17.9		1	0.73	5.00	ug/Kg	10/14/25 12:49	VY101425
79-20-9	Methyl Acetate	15.7		1	1.50	5.00	ug/Kg	10/14/25 12:49	VY101425
75-09-2	Methylene Chloride	19.5		1	3.50	10.0	ug/Kg	10/14/25 12:49	VY101425
156-60-5	trans-1,2-Dichloroethene	20.5		1	0.86	5.00	ug/Kg	10/14/25 12:49	VY101425
75-34-3	1,1-Dichloroethane	20.8		1	0.80	5.00	ug/Kg	10/14/25 12:49	VY101425
110-82-7	Cyclohexane	18.9		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
78-93-3	2-Butanone	98.9		1	6.50	25.0	ug/Kg	10/14/25 12:49	VY101425
56-23-5	Carbon Tetrachloride	21.1		1	0.97	5.00	ug/Kg	10/14/25 12:49	VY101425
156-59-2	cis-1,2-Dichloroethene	20.3		1	0.75	5.00	ug/Kg	10/14/25 12:49	VY101425
74-97-5	Bromochloromethane	20.7		1	1.20	5.00	ug/Kg	10/14/25 12:49	VY101425
67-66-3	Chloroform	21.0		1	0.84	5.00	ug/Kg	10/14/25 12:49	VY101425
71-55-6	1,1,1-Trichloroethane	20.9		1	0.93	5.00	ug/Kg	10/14/25 12:49	VY101425
108-87-2	Methylcyclohexane	19.0		1	0.91	5.00	ug/Kg	10/14/25 12:49	VY101425
71-43-2	Benzene	20.8		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
107-06-2	1,2-Dichloroethane	19.8		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
79-01-6	Trichloroethene	20.3		1	0.81	5.00	ug/Kg	10/14/25 12:49	VY101425
78-87-5	1,2-Dichloropropane	20.4		1	0.91	5.00	ug/Kg	10/14/25 12:49	VY101425
75-27-4	Bromodichloromethane	20.7		1	0.78	5.00	ug/Kg	10/14/25 12:49	VY101425
108-10-1	4-Methyl-2-Pentanone	84.8		1	3.60	25.0	ug/Kg	10/14/25 12:49	VY101425
108-88-3	Toluene	20.9		1	0.78	5.00	ug/Kg	10/14/25 12:49	VY101425
10061-02-6	t-1,3-Dichloropropene	19.2		1	0.65	5.00	ug/Kg	10/14/25 12:49	VY101425
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.62	5.00	ug/Kg	10/14/25 12:49	VY101425
79-00-5	1,1,2-Trichloroethane	19.7		1	0.92	5.00	ug/Kg	10/14/25 12:49	VY101425
591-78-6	2-Hexanone	92.6		1	3.70	25.0	ug/Kg	10/14/25 12:49	VY101425
124-48-1	Dibromochloromethane	20.2		1	0.87	5.00	ug/Kg	10/14/25 12:49	VY101425
106-93-4	1,2-Dibromoethane	19.7		1	0.88	5.00	ug/Kg	10/14/25 12:49	VY101425
127-18-4	Tetrachloroethene	20.5		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
108-90-7	Chlorobenzene	20.5		1	0.91	5.00	ug/Kg	10/14/25 12:49	VY101425
100-41-4	Ethyl Benzene	20.1		1	0.67	5.00	ug/Kg	10/14/25 12:49	VY101425
179601-23-1	m/p-Xylenes	41.0		1	1.20	10.0	ug/Kg	10/14/25 12:49	VY101425
95-47-6	o-Xylene	20.0		1	0.82	5.00	ug/Kg	10/14/25 12:49	VY101425
100-42-5	Styrene	20.5		1	0.71	5.00	ug/Kg	10/14/25 12:49	VY101425
75-25-2	Bromoform	19.4		1	0.86	5.00	ug/Kg	10/14/25 12:49	VY101425

Raw Data: **VY023459.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VY1014SBSD01			SDG No.:	Q3276
Lab Sample ID:	VY1014SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level : LOW		% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.2		1	0.78	5.00	ug/Kg	10/14/25 12:49	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1	1.20	5.00	ug/Kg	10/14/25 12:49	VY101425
541-73-1	1,3-Dichlorobenzene	20.2		1	1.70	5.00	ug/Kg	10/14/25 12:49	VY101425
106-46-7	1,4-Dichlorobenzene	19.9		1	1.60	5.00	ug/Kg	10/14/25 12:49	VY101425
95-50-1	1,2-Dichlorobenzene	19.9		1	1.50	5.00	ug/Kg	10/14/25 12:49	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1	1.80	5.00	ug/Kg	10/14/25 12:49	VY101425
120-82-1	1,2,4-Trichlorobenzene	18.1		1	3.00	5.00	ug/Kg	10/14/25 12:49	VY101425
87-61-6	1,2,3-Trichlorobenzene	17.5		1	3.20	5.00	ug/Kg	10/14/25 12:49	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.2			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.2			70 - 134	98%	SPK: 50		
2037-26-5	Toluene-d8	49.3			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.7			17 - 146	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	518000							
540-36-3	1,4-Difluorobenzene	759000							
3114-55-4	Chlorobenzene-d5	662000							
3855-82-1	1,4-Dichlorobenzene-d4	345000							

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_Y\Data\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	517858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	759118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	662146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	344738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	200056	46.198	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.400%			
35) Dibromofluoromethane	7.640	113	229270	49.153	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.300%			
50) Toluene-d8	10.109	98	856206	49.290	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.580%			
62) 4-Bromofluorobenzene	12.408	95	268010	46.733	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	78318	21.011	ug/l	98
3) Chloromethane	2.074	50	103193	20.322	ug/l	97
4) Vinyl Chloride	2.208	62	133235	20.145	ug/l	100
5) Bromomethane	2.598	94	114719	20.669	ug/l	97
6) Chloroethane	2.739	64	92706	20.563	ug/l	99
7) Trichlorofluoromethane	3.062	101	183953	20.032	ug/l	98
8) Diethyl Ether	3.458	74	44899	18.711	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	98755	20.724	ug/l	99
10) Methyl Iodide	4.013	142	107242	20.215	ug/l	99
11) Tert butyl alcohol	4.854	59	25679	79.710	ug/l	98
12) 1,1-Dichloroethene	3.799	96	91657	19.842	ug/l	98
13) Acrolein	3.659	56	30296	66.553	ug/l	100
14) Allyl chloride	4.385	41	108734	19.314	ug/l	97
15) Acrylonitrile	5.061	53	81275	88.505	ug/l	100
16) Acetone	3.866	43	121300	117.660	ug/l	99
17) Carbon Disulfide	4.110	76	268877	20.337	ug/l	99
18) Methyl Acetate	4.391	43	42349	15.660	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	199016	17.925	ug/l	97
20) Methylene Chloride	4.622	84	108519	19.466	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	104310	20.510	ug/l	98
22) Diisopropyl ether	6.031	45	247705	19.891	ug/l	97
23) Vinyl Acetate	5.964	43	630348	93.517	ug/l	99
24) 1,1-Dichloroethane	5.921	63	171213	20.756	ug/l	99
25) 2-Butanone	6.896	43	124515	98.931	ug/l	94
26) 2,2-Dichloropropane	6.890	77	157418	20.797	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	119003	20.257	ug/l	99
28) Bromochloromethane	7.250	49	63641	20.666	ug/l	99
29) Tetrahydrofuran	7.268	42	58790	82.372	ug/l	99
30) Chloroform	7.427	83	190324	21.000	ug/l	99
31) Cyclohexane	7.707	56	135945	18.872	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	172371	20.929	ug/l	100
36) 1,1-Dichloropropene	7.841	75	126310	20.454	ug/l	99
37) Ethyl Acetate	6.988	43	44361	18.133	ug/l	97
38) Carbon Tetrachloride	7.823	117	157808	21.075	ug/l	98
39) Methylcyclohexane	9.109	83	152615	18.981	ug/l	97
40) Benzene	8.085	78	407431	20.834	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	22459	16.974	ug/l		95
42) 1,2-Dichloroethane	8.164	62	99914	19.810	ug/l		100
43) Isopropyl Acetate	8.201	43	83017	17.018	ug/l		99
44) Trichloroethene	8.866	130	116408	20.337	ug/l		100
45) 1,2-Dichloropropane	9.146	63	88036	20.381	ug/l		97
46) Dibromomethane	9.231	93	53570	19.613	ug/l		98
47) Bromodichloromethane	9.426	83	142117	20.659	ug/l		98
48) Methyl methacrylate	9.225	41	39390	17.188	ug/l		97
49) 1,4-Dioxane	9.231	88	10866	343.120	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	213668	84.774	ug/l		98
52) Toluene	10.170	92	265219	20.887	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	114994	19.225	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	141658	20.066	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	72278	19.678	ug/l		94
56) Ethyl methacrylate	10.438	69	72999	17.229	ug/l		98
57) 1,3-Dichloropropane	10.719	76	113725	19.539	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	163038	85.900	ug/l		99
59) 2-Hexanone	10.762	43	166759	92.582	ug/l		100
60) Dibromochloromethane	10.914	129	103837	20.164	ug/l		99
61) 1,2-Dibromoethane	11.018	107	68920	19.675	ug/l		96
64) Tetrachloroethene	10.646	164	140307	20.522	ug/l		97
65) Chlorobenzene	11.444	112	295383	20.511	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	106581	20.768	ug/l		100
67) Ethyl Benzene	11.518	91	469622	20.146	ug/l		100
68) m/p-Xylenes	11.627	106	383041	40.966	ug/l		99
69) o-Xylene	11.956	106	175260	19.984	ug/l		100
70) Styrene	11.969	104	295645	20.499	ug/l		100
71) Bromoform	12.133	173	61868	19.435	ug/l	#	99
73) Isopropylbenzene	12.255	105	459589	20.230	ug/l		99
74) N-amyl acetate	12.072	43	68107	16.690	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	69130	18.604	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	54695m	17.983	ug/l		
77) Bromobenzene	12.530	156	120331	19.923	ug/l		99
78) n-propylbenzene	12.597	91	540264	20.550	ug/l		100
79) 2-Chlorotoluene	12.682	91	311862	20.257	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	379470	20.670	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	22978	18.526	ug/l		97
82) 4-Chlorotoluene	12.779	91	325484	20.528	ug/l		100
83) tert-Butylbenzene	12.999	119	337311	19.900	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	377183	20.587	ug/l		99
85) sec-Butylbenzene	13.176	105	495374	20.373	ug/l		100
86) p-Isopropyltoluene	13.292	119	420809	20.327	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	237294	20.176	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	230573	19.850	ug/l		98
89) n-Butylbenzene	13.615	91	355030	19.681	ug/l		99
90) Hexachloroethane	13.877	117	93227	20.937	ug/l		96
91) 1,2-Dichlorobenzene	13.657	146	204984	19.879	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10581	17.355	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	116389	18.105	ug/l		99
94) Hexachlorobutadiene	15.023	225	81076	20.233	ug/l		99
95) Naphthalene	15.145	128	154485	15.092	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97618	17.532	ug/l		100

Sample Results: **VY023459.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

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

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

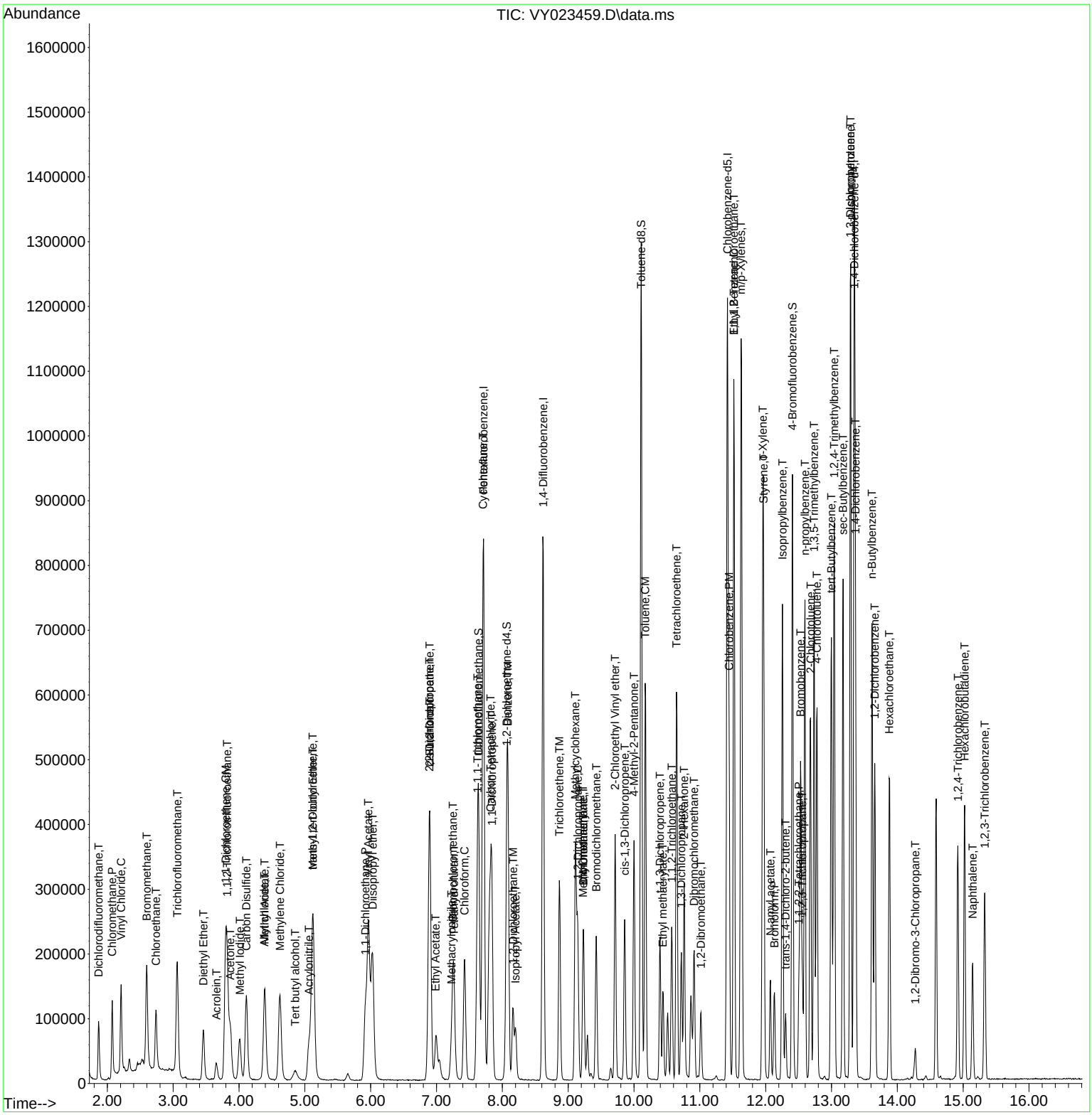
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



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

Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX101425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048153.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:05:59 PM	MMDadoda	10/16/2025 2:42:43 AM	Peak Integrated by Software
VX1014MBS02	VX048164.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:06:20 PM	MMDadoda	10/16/2025 2:42:54 AM	Peak Integrated by Software
Q3276-02	VX048166.D	n-Butylbenzene	JOHN	10/15/2025 12:06:25 PM	MMDadoda	10/16/2025 2:42:57 AM	Peak Integrated by Software
VSTDCCC050	VX048179.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:07:14 PM	MMDadoda	10/16/2025 2:43:11 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023384.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	Methacrylonitrile	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	Methacrylonitrile	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICCC050	VY023387.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:01 AM	MMdadoda	10/10/2025 4:37:41 AM	Peak Integrated by Software
VSTDICC100	VY023388.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:05 AM	MMdadoda	10/10/2025 4:37:46 AM	Peak Integrated by Software
VSTDICC150	VY023389.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:09 AM	MMdadoda	10/10/2025 4:37:51 AM	Peak Integrated by Software
VSTDICV050	VY023391.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:14 AM	MMdadoda	10/10/2025 4:37:55 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	VY101425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023456.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:29 AM	MMdadoda	10/16/2025 4:39:51 AM	Peak Integrated by Software
VY1014SBS01	VY023458.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:33 AM	MMdadoda	10/16/2025 4:39:56 AM	Peak Integrated by Software
VY1014SBS01	VY023458.D	Methacrylonitrile	sam	10/16/2025 4:37:33 AM	MMdadoda	10/16/2025 4:39:56 AM	Peak Integrated by Software
VY1014SBSD01	VY023459.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:38 AM	MMdadoda	10/16/2025 4:40:01 AM	Peak Integrated by Software
VSTDCCC050	VY023468.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:46 AM	MMdadoda	10/16/2025 4:40:12 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048152.D	14 Oct 2025 09:33	JC/MD	Ok
2	VSTDCCC050	VX048153.D	14 Oct 2025 10:02	JC/MD	Ok,M
3	VX1014MBL01	VX048154.D	14 Oct 2025 10:32	JC/MD	Ok
4	VX1014WBL01	VX048155.D	14 Oct 2025 10:52	JC/MD	Ok
5	VX1014WBS01	VX048156.D	14 Oct 2025 11:20	JC/MD	Ok,M
6	VX1014WBSD01	VX048157.D	14 Oct 2025 11:47	JC/MD	Ok,M
7	Q3311-13DL	VX048158.D	14 Oct 2025 12:28	JC/MD	Ok
8	Q3311-14	VX048159.D	14 Oct 2025 12:49	JC/MD	Dilution
9	Q3311-14DL	VX048160.D	14 Oct 2025 13:09	JC/MD	Ok
10	Q3311-15	VX048161.D	14 Oct 2025 13:30	JC/MD	Ok
11	Q3312-01	VX048162.D	14 Oct 2025 13:50	JC/MD	Not Ok
12	VX1014MBS01	VX048163.D	14 Oct 2025 14:11	JC/MD	Ok,M
13	VX1014MBS02	VX048164.D	14 Oct 2025 14:31	JC/MD	Ok,M
14	Q3276-01	VX048165.D	14 Oct 2025 14:52	JC/MD	Not Ok
15	Q3276-02	VX048166.D	14 Oct 2025 15:13	JC/MD	Ok,M
16	IBLK	VX048167.D	14 Oct 2025 15:33	JC/MD	Ok
17	Q3276-01	VX048168.D	14 Oct 2025 15:54	JC/MD	Not Ok
18	IBLK	VX048169.D	14 Oct 2025 16:14	JC/MD	Ok
19	Q3345-07	VX048170.D	14 Oct 2025 16:35	JC/MD	Ok
20	Q3312-01	VX048171.D	14 Oct 2025 16:56	JC/MD	Ok
21	Q3325-07	VX048172.D	14 Oct 2025 17:16	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3325-08	VX048173.D	14 Oct 2025 17:37	JC/MD	Ok
23	Q3325-09	VX048174.D	14 Oct 2025 17:57	JC/MD	Ok
24	Q3325-10	VX048175.D	14 Oct 2025 18:18	JC/MD	Ok
25	Q3311-02	VX048176.D	14 Oct 2025 18:38	JC/MD	ReRun
26	Q3311-03MS	VX048177.D	14 Oct 2025 18:59	JC/MD	Ok,M
27	Q3311-04MSD	VX048178.D	14 Oct 2025 19:20	JC/MD	Ok,M
28	VSTDCCC050	VX048179.D	14 Oct 2025 19:40	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM				
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023383.D	07 Oct 2025 08:43	SY/MD	Ok
2	VSTDICC005	VY023384.D	07 Oct 2025 09:17	SY/MD	Ok,M
3	VSTDICC010	VY023385.D	07 Oct 2025 10:02	SY/MD	Ok,M
4	VSTDICC020	VY023386.D	07 Oct 2025 11:24	SY/MD	Ok,M
5	VSTDICCC050	VY023387.D	07 Oct 2025 11:47	SY/MD	Ok,M
6	VSTDICC100	VY023388.D	07 Oct 2025 12:09	SY/MD	Ok,M
7	VSTDICC150	VY023389.D	07 Oct 2025 12:32	SY/MD	Ok,M
8	VIBLK	VY023390.D	07 Oct 2025 13:02	SY/MD	Ok
9	VSTDICV050	VY023391.D	07 Oct 2025 14:12	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY101425

Review By	Semsettin Yesilyurt	Review On	10/16/2025 4:37:53 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/16/2025 4:40:25 AM				
SubDirectory	VY101425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135814
Initial Calibration Stds	
CCC	VP135815,VP135816
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	VY023455.D	14 Oct 2025 08:36	SY/MD	Ok
2	VSTDCCC050	VY023456.D	14 Oct 2025 11:25	SY/MD	Ok,M
3	VY1014SBL01	VY023457.D	14 Oct 2025 11:56	SY/MD	Ok
4	VY1014SBS01	VY023458.D	14 Oct 2025 12:26	SY/MD	Ok,M
5	VY1014SBSD01	VY023459.D	14 Oct 2025 12:49	SY/MD	Ok,M
6	Q3341-01	VY023460.D	14 Oct 2025 14:28	SY/MD	Ok
7	Q3341-02	VY023461.D	14 Oct 2025 14:52	SY/MD	Ok
8	Q3341-03	VY023462.D	14 Oct 2025 15:15	SY/MD	Ok
9	Q3343-03	VY023463.D	14 Oct 2025 15:39	SY/MD	Ok
10	Q3345-01	VY023464.D	14 Oct 2025 16:02	SY/MD	Ok
11	Q3345-03	VY023465.D	14 Oct 2025 16:25	SY/MD	Ok
12	Q3345-05	VY023466.D	14 Oct 2025 16:50	SY/MD	Ok,M
13	Q3276-01	VY023467.D	14 Oct 2025 17:13	SY/MD	Ok
14	VSTDCCC050	VY023468.D	14 Oct 2025 17:36	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
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	VX048152.D	14 Oct 2025 09:33		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048153.D	14 Oct 2025 10:02		JC/MD	Ok,M
3	VX1014MBL01	VX1014MBL01	VX048154.D	14 Oct 2025 10:32		JC/MD	Ok
4	VX1014WBL01	VX1014WBL01	VX048155.D	14 Oct 2025 10:52		JC/MD	Ok
5	VX1014WBS01	VX1014WBS01	VX048156.D	14 Oct 2025 11:20	Recovery failed low for comp. #18,19	JC/MD	Ok,M
6	VX1014WBSD01	VX1014WBSD01	VX048157.D	14 Oct 2025 11:47	Recovery failed low for comp. #18	JC/MD	Ok,M
7	Q3311-13DL	MW-215DDL	VX048158.D	14 Oct 2025 12:28		JC/MD	Ok
8	Q3311-14	MW-227B	VX048159.D	14 Oct 2025 12:49	Need 5X	JC/MD	Dilution
9	Q3311-14DL	MW-227BDL	VX048160.D	14 Oct 2025 13:09		JC/MD	Ok
10	Q3311-15	GW-DUP	VX048161.D	14 Oct 2025 13:30		JC/MD	Ok
11	Q3312-01	362Kingsland-001S	VX048162.D	14 Oct 2025 13:50	Need Straight Run	JC/MD	Not Ok
12	VX1014MBS01	VX1014MBS01	VX048163.D	14 Oct 2025 14:11	Recovery failed low for comp. #73,93	JC/MD	Ok,M
13	VX1014MBS02	VX1014MBS02	VX048164.D	14 Oct 2025 14:31		JC/MD	Ok,M
14	Q3276-01	SB2	VX048165.D	14 Oct 2025 14:52	Need Straight Run	JC/MD	Not Ok
15	Q3276-02	SB2A	VX048166.D	14 Oct 2025 15:13		JC/MD	Ok,M
16	IBLK	IBLK	VX048167.D	14 Oct 2025 15:33		JC/MD	Ok
17	Q3276-01	SB2	VX048168.D	14 Oct 2025 15:54	MBS Failed Low; Need Soil run	JC/MD	Not Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX048169.D	14 Oct 2025 16:14		JC/MD	Ok
19	Q3345-07	TANK-FARM-WATER	VX048170.D	14 Oct 2025 16:35		JC/MD	Ok
20	Q3312-01	362Kingsland-001S	VX048171.D	14 Oct 2025 16:56		JC/MD	Ok
21	Q3325-07	STORAGE-BLANK-SAI	VX048172.D	14 Oct 2025 17:16		JC/MD	Ok
22	Q3325-08	STORAGE-BLANK-WA	VX048173.D	14 Oct 2025 17:37		JC/MD	Ok
23	Q3325-09	STORAGE-BLANK-WA	VX048174.D	14 Oct 2025 17:57		JC/MD	Ok
24	Q3325-10	STORAGE-BLANK-SAI	VX048175.D	14 Oct 2025 18:18		JC/MD	Ok
25	Q3311-02	MW-219	VX048176.D	14 Oct 2025 18:38	BS failed low	JC/MD	ReRun
26	Q3311-03MS	MW-219MS	VX048177.D	14 Oct 2025 18:59		JC/MD	Ok,M
27	Q3311-04MSD	MW-219MSD	VX048178.D	14 Oct 2025 19:20		JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX048179.D	14 Oct 2025 19:40		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM		
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023383.D	07 Oct 2025 08:43		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023384.D	07 Oct 2025 09:17		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023385.D	07 Oct 2025 10:02		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023386.D	07 Oct 2025 11:24		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023387.D	07 Oct 2025 11:47		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023388.D	07 Oct 2025 12:09		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023389.D	07 Oct 2025 12:32		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023390.D	07 Oct 2025 13:02		SY/MD	Ok
9	VSTDICV050	ICVVY100725	VY023391.D	07 Oct 2025 14:12		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY101425

Review By	Semsettin Yesilyurt	Review On	10/16/2025 4:37:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/16/2025 4:40:25 AM		
SubDirectory	VY101425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135814
Initial Calibration Stds	
CCC	VP135815,VP135816
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	VY023455.D	14 Oct 2025 08:36		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023456.D	14 Oct 2025 11:25		SY/MD	Ok,M
3	VY1014SBL01	VY1014SBL01	VY023457.D	14 Oct 2025 11:56		SY/MD	Ok
4	VY1014SBS01	VY1014SBS01	VY023458.D	14 Oct 2025 12:26		SY/MD	Ok,M
5	VY1014SBSD01	VY1014SBSD01	VY023459.D	14 Oct 2025 12:49		SY/MD	Ok,M
6	Q3341-01	C-1	VY023460.D	14 Oct 2025 14:28	vial-A	SY/MD	Ok
7	Q3341-02	C-2	VY023461.D	14 Oct 2025 14:52	vial-A	SY/MD	Ok
8	Q3341-03	C-3	VY023462.D	14 Oct 2025 15:15	vial-A	SY/MD	Ok
9	Q3343-03	SOIL-ROLLOFF-WC-1-	VY023463.D	14 Oct 2025 15:39	vial-A	SY/MD	Ok
10	Q3345-01	TANK-FARM-SOIL	VY023464.D	14 Oct 2025 16:02	vial-A	SY/MD	Ok
11	Q3345-03	2ND-STREET-SOIL	VY023465.D	14 Oct 2025 16:25	vial-A	SY/MD	Ok
12	Q3345-05	M-R-SOIL	VY023466.D	14 Oct 2025 16:50	vial-A	SY/MD	Ok,M
13	Q3276-01	SB2	VY023467.D	14 Oct 2025 17:13		SY/MD	Ok
14	VSTDCCC050	VSTDCCC050EC	VY023468.D	14 Oct 2025 17:36		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC: LB137394

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
Q2409-05	COP-SOIL-PILE	12	1.18	10.58	11.76	11.38	96.4	
Q3249-03	S-3(4-4.5)	1	1.11	10.45	11.56	9.51	80.4	
Q3249-08	S-8(4.5-5)	2	1.19	10.75	11.94	10.38	85.5	
Q3249-16	S-14(4-4.5)	3	1.13	10.32	11.45	9.34	79.6	
Q3249-19	S-18(4.5-5)	4	1.18	10.64	11.82	10.8	90.4	
Q3249-22	S-20(4-4.5)	5	1.18	10.47	11.65	10.64	90.4	
Q3249-24	S-22(4.5-5)	6	1.19	10.11	11.3	10.33	90.4	
Q3249-27	S-24(4.5-5)	7	1.15	11.05	12.2	9.82	78.5	
Q3269-01	EG1-TP1	8	1.18	10.78	11.96	10.97	90.8	
Q3269-02	EG1-TP1-E2	9	1.13	10.63	11.76	10.8	91.0	
Q3269-04	EG1-TP2	10	1.13	10.85	11.98	10.97	90.7	
Q3269-05	EG1-TP2-E2	11	1.11	10.77	11.88	11.13	93.0	
Q3270-01	SG-1-TEST-PIT	16	1.18	10.73	11.91	10.77	89.4	
Q3270-02	SG-1-TEST-PIT	17	1.19	10.32	11.51	10.79	93.0	
Q3271-01	72-11929	18	1.13	9.61	10.74	9.79	90.1	
Q3271-02	72-11929-E2	19	1.19	10.47	11.66	10.57	89.6	
Q3272-01	VNJ-235	20	1.19	10.68	11.87	10.15	83.9	
Q3272-02	VNJ-235-E2	21	1.13	10.47	11.6	10.15	86.2	
Q3272-03	R7	22	1.12	10.85	11.97	7.78	61.4	
Q3272-04	R7-E2	23	1.18	10.67	11.85	8.98	73.1	
Q3272-06	RT5417-CONCRETE	24	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3276-01	SB2	13	1.14	10.92	12.06	10.6	86.6	
Q3276-02	SB2A	14	1.15	10.38	11.53	10.6	91.0	
Q3277-01	WC1	15	1.18	10.41	11.59	11.34	97.6	

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

WORKLIST(Hardcopy Internal Chain)

VB 137394

WorkList Name : %1-100225 **WorkList ID :** 192236 **Department :** Wet-Chemistry **Date :** 10-02-2025 09:10:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2409-05	COP-SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	COPP02	D51	06/24/2025	Chemtech -SO
Q3249-03	S-3(4-4.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-08	S-8(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-16	S-14(4-4.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-19	S-18(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-22	S-20(4-4.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-24	S-22(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3249-27	S-24(4.5-5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3269-01	EG1-TP1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3269-02	EG1-TP1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3269-04	EG1-TP2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3269-05	EG1-TP2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3270-01	SG-1-TEST-PIT	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3270-02	SG-1-TEST-PIT	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3271-01	72-11929	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3271-02	72-11929-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-01	VNJ-235	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-02	VNJ-235-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-03	R7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-04	R7-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO
Q3272-06	RT5417-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/02/2025	Chemtech -SO

Date/Time 10/02/25 16:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/02/25 17:40

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB137394

WorkList Name : %1-100225 **WorkList ID :** 192236 **Department :** Wet-Chemistry **Date :** 10-02-2025 09:10:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3276-01	SB2	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	10/01/2025	Chemtech -SO
Q3276-02	SB2A	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	10/01/2025	Chemtech -SO
Q3277-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	09/30/2025	Chemtech -SO

Date/Time 10/02/25 16:00
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 10/02/25 17:40
Raw Sample Received by:
Raw Sample Relinquished by:

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. Q3276
COC Number 2047920

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G environmental
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Lexington
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G environmental PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD 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
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☒ EDD FORMAT Narrative, Excel

ANALYSIS

Soil VOCs

PRESERVATIVES

Terra

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	SB2	Soil		X	10/1/25	1000	4		X							
2.	SB2A	Soil		X	10/1/25	1005	4		X							
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10/2/25 1540	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3276 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 10/2/2025 3:49:00 PM
Project Name : Lexington
Receive DateTime : 10/2/2025 3:40:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : NJ HAZSITE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3276-01	SB2	Solid	10/01/2025	10:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3276-02	SB2A	Solid	10/01/2025	10:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : CA
Date / Time : 10/2/25 1620

Received By : Sam
Date / Time : 10/03/25 8:10

Storage Area : VOA Refridgerator Room

NJH 6
272