

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 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

LAB CHRONICLE

OrderID:	Q2812	OrderDate:	8/8/2025 1:16:00 PM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2812-01	STORAGE-BLANK-SOI L-REF-6	Water			08/01/25			08/08/25
			VOC- Chemtech Full	8260-Low			08/08/25	
Q2812-02	STORAGE-BLANK-WAT ER-REF-5	Water			08/01/25			08/08/25
			VOC- Chemtech Full	8260-Low			08/08/25	
Q2812-03	STORAGE-BLANK-WAT ER-REF-4	Water			08/01/25			08/08/25
			VOC- Chemtech Full	8260-Low			08/08/25	
Q2812-04	STORAGE-BLANK-SAM PLE-MANAGEMENT	Water			08/01/25			08/08/25
			VOC- Chemtech Full	8260-Low			08/12/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2812

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-------

Client ID:

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: **Q2812**

Client: **Chemtech Consulting Group**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2812-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	47.8	96		74	125
		Dibromofluoromethane	50	49.7	99		75	124
		Toluene-d8	50	44.5	89		86	113
		4-Bromofluorobenzene	50	49.2	98		77	121
Q2812-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	46.8	94		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	44.3	89		86	113
		4-Bromofluorobenzene	50	50.0	100		77	121
Q2812-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	49.1	98		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	44.8	90		86	113
		4-Bromofluorobenzene	50	50.6	101		77	121
Q2812-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	48.4	97		75	124
		Toluene-d8	50	53.8	108		86	113
		4-Bromofluorobenzene	50	52.6	105		77	121
VX0808WBL01	VX0808WBL01	1,2-Dichloroethane-d4	50	55.1	110		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	56.5	113		86	113
		4-Bromofluorobenzene	50	54.0	108		77	121
VX0808WBS01	VX0808WBS01	1,2-Dichloroethane-d4	50	52.0	104		74	125
		Dibromofluoromethane	50	56.5	113		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	56.2	112		77	121
VX0808WBSD0	VX0808WBSD01	1,2-Dichloroethane-d4	50	53.5	107		74	125
		Dibromofluoromethane	50	55.7	111		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	56.3	113		77	121
VX0812WBL02	VX0812WBL02	1,2-Dichloroethane-d4	50	55.8	112		74	125
		Dibromofluoromethane	50	49.5	99		75	124
		Toluene-d8	50	55.1	110		86	113
		4-Bromofluorobenzene	50	53.2	106		77	121
VX0812WBS01	VX0812WBS01	1,2-Dichloroethane-d4	50	47.0	94		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	44.5	89		86	113
		4-Bromofluorobenzene	50	48.2	96		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2812</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047266.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0808WBS01	Dichlorodifluoromethane	20	20.6	ug/L	103			69	116	
	Chloromethane	20	17.9	ug/L	90			65	116	
	Vinyl chloride	20	20.5	ug/L	103			65	117	
	Ethyl Acetate	20	18.4	ug/L	92			75	115	
	Bromomethane	20	17.7	ug/L	89			58	125	
	Chloroethane	20	17.9	ug/L	90			56	128	
	Trichlorofluoromethane	20	19.9	ug/L	100			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			80	112	
	Tert butyl alcohol	100	81.5	ug/L	82			48	142	
	1,1-Dichloroethene	20	19.1	ug/L	96			74	110	
	Acrolein	100	48.1	ug/L	48			28	144	
	Acrylonitrile	100	93.2	ug/L	93			73	113	
	Acetone	100	120	ug/L	120			60	125	
	Carbon disulfide	20	19.4	ug/L	97			64	112	
	Methyl tert-butyl Ether	20	19.2	ug/L	96			78	114	
	Methyl Acetate	20	19.6	ug/L	98			67	125	
	Methylene Chloride	20	19.0	ug/L	95			72	114	
	trans-1,2-Dichloroethene	20	19.5	ug/L	98			75	108	
	Vinyl Acetate	100	96.9	ug/L	97			76	115	
	1,1-Dichloroethane	20	19.5	ug/L	98			78	112	
	Cyclohexane	20	19.2	ug/L	96			75	110	
	2-Butanone	100	99.6	ug/L	100			65	122	
	Carbon Tetrachloride	20	18.9	ug/L	95			77	113	
	2,2-Dichloropropane	20	19.7	ug/L	99			56	164	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			77	110	
	Bromochloromethane	20	20.2	ug/L	101			70	124	
	Chloroform	20	19.3	ug/L	97			79	113	
	1,1,1-Trichloroethane	20	19.6	ug/L	98			80	108	
	Methylcyclohexane	20	19.8	ug/L	99			72	115	
	1,1-Dichloropropene	20	19.5	ug/L	98			79	110	
	Benzene	20	19.7	ug/L	99			82	109	
	1,2-Dichloroethane	20	19.8	ug/L	99			80	115	
	Trichloroethene	20	19.2	ug/L	96			77	113	
	1,2-Dichloropropane	20	19.8	ug/L	99			83	111	
	Dibromomethane	20	20.3	ug/L	102			82	110	
	Bromodichloromethane	20	19.7	ug/L	99			83	110	
	4-Methyl-2-Pentanone	100	97.3	ug/L	97			74	118	
	Toluene	20	19.9	ug/L	100			82	110	
	t-1,3-Dichloropropene	20	19.2	ug/L	96			79	110	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			82	110	
	1,1,2-Trichloroethane	20	19.9	ug/L	100			83	112	
	1,3-Dichloropropane	20	19.7	ug/L	99			83	111	
	2-Chloroethyl vinyl ether	100	94.7	ug/L	95			75	124	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	20.6	ug/L	103			82	110	
	1,2-Dibromoethane	20	19.5	ug/L	98			81	110	
	Tetrachloroethene	20	19.2	ug/L	96			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2812</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047266.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0808WBS01	1,1,1,2-Tetrachloroethane	20	20.0	ug/L	100			84	111	
	Hexachloroethane	20	19.1	ug/L	96			80	113	
	Ethyl Benzene	20	19.8	ug/L	99			83	109	
	m/p-Xylenes	40	39.8	ug/L	100			82	110	
	o-Xylene	20	19.9	ug/L	100			83	109	
	Styrene	20	20.0	ug/L	100			80	111	
	Bromoform	20	20.1	ug/L	101			79	109	
	Isopropylbenzene	20	19.3	ug/L	97			83	112	
	1,1,2,2-Tetrachloroethane	20	19.2	ug/L	96			76	118	
	1,2,3-Trichloropropane	20	18.6	ug/L	93			75	112	
	Bromobenzene	20	19.0	ug/L	95			77	116	
	N-propylbenzene	20	19.3	ug/L	97			83	112	
	2-Chlorotoluene	20	19.1	ug/L	96			83	110	
	1,3,5-Trimethylbenzene	20	19.1	ug/L	96			85	112	
	4-Chlorotoluene	20	19.2	ug/L	96			82	110	
	tert-Butylbenzene	20	19.5	ug/L	98			83	112	
	1,2,4-Trimethylbenzene	20	19.4	ug/L	97			85	111	
	Sec-butylbenzene	20	19.6	ug/L	98			81	114	
	p-Isopropyltoluene	20	19.7	ug/L	99			78	116	
	1,3-Dichlorobenzene	20	19.4	ug/L	97			82	108	
	1,4-Dichlorobenzene	20	19.4	ug/L	97			82	107	
	n-Butylbenzene	20	19.7	ug/L	99			75	115	
	1,2-Dichlorobenzene	20	19.3	ug/L	97			82	109	
	1,2-Dibromo-3-Chloropropane	20	19.7	ug/L	99			68	112	
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			75	113	
	Hexachlorobutadiene	20	21.4	ug/L	107			81	121	
	Naphthalene	20	19.2	ug/L	96			78	119	
	1,2,3-Trichlorobenzene	20	19.2	ug/L	96			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2812</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047267.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0808WBSD01	Dichlorodifluoromethane	20	20.2	ug/L	101	2		69	116	19
	Chloromethane	20	17.9	ug/L	90	0		65	116	21
	Vinyl chloride	20	19.9	ug/L	100	3		65	117	19
	Ethyl Acetate	20	20.2	ug/L	101	9		75	115	27
	Bromomethane	20	17.6	ug/L	88	1		58	125	20
	Chloroethane	20	17.9	ug/L	90	0		56	128	20
	Trichlorofluoromethane	20	19.2	ug/L	96	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96	2		80	112	15
	Tert butyl alcohol	100	86.2	ug/L	86	5		48	142	30
	1,1-Dichloroethene	20	18.7	ug/L	94	2		74	110	20
	Acrolein	100	51.2	ug/L	51	6		28	144	30
	Acrylonitrile	100	97.2	ug/L	97	4		73	113	29
	Acetone	100	110	ug/L	110	9		60	125	20
	Carbon disulfide	20	18.8	ug/L	94	3		64	112	20
	Methyl tert-butyl Ether	20	19.9	ug/L	100	4		78	114	20
	Methyl Acetate	20	20.5	ug/L	103	5		67	125	20
	Methylene Chloride	20	19.9	ug/L	100	5		72	114	20
	trans-1,2-Dichloroethene	20	18.8	ug/L	94	4		75	108	16
	Vinyl Acetate	100	99.9	ug/L	100	3		76	115	26
	1,1-Dichloroethane	20	19.3	ug/L	97	1		78	112	20
	Cyclohexane	20	19.1	ug/L	96	0		75	110	20
	2-Butanone	100	100	ug/L	100	0		65	122	26
	Carbon Tetrachloride	20	19.2	ug/L	96	1		77	113	15
	2,2-Dichloropropane	20	19.2	ug/L	96	3		56	164	20
	cis-1,2-Dichloroethene	20	19.2	ug/L	96	2		77	110	20
	Bromochloromethane	20	21.1	ug/L	106	5		70	124	20
	Chloroform	20	19.3	ug/L	97	0		79	113	20
	1,1,1-Trichloroethane	20	19.2	ug/L	96	2		80	108	20
	Methylcyclohexane	20	19.3	ug/L	97	2		72	115	20
	1,1-Dichloropropene	20	18.7	ug/L	94	4		79	110	16
	Benzene	20	19.6	ug/L	98	1		82	109	15
	1,2-Dichloroethane	20	20.3	ug/L	102	3		80	115	20
	Trichloroethene	20	18.9	ug/L	95	1		77	113	15
	1,2-Dichloropropane	20	19.9	ug/L	100	1		83	111	16
	Dibromomethane	20	20.1	ug/L	101	1		82	110	20
	Bromodichloromethane	20	19.8	ug/L	99	0		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	3		74	118	25
	Toluene	20	20.0	ug/L	100	0		82	110	16
	t-1,3-Dichloropropene	20	19.5	ug/L	98	2		79	110	20
	cis-1,3-Dichloropropene	20	19.3	ug/L	97	1		82	110	16
	1,1,2-Trichloroethane	20	20.4	ug/L	102	2		83	112	20
	1,3-Dichloropropane	20	20.1	ug/L	101	2		83	111	20
	2-Chloroethyl vinyl ether	100	99.5	ug/L	100	5		75	124	20
	2-Hexanone	100	110	ug/L	110	0		73	117	25
	Dibromochloromethane	20	20.8	ug/L	104	1		82	110	20
	1,2-Dibromoethane	20	20.2	ug/L	101	3		81	110	20
	Tetrachloroethene	20	18.8	ug/L	94	2		67	123	15
	Chlorobenzene	20	19.8	ug/L	99	1		82	109	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2812</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047267.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0808WBSD01	1,1,1,2-Tetrachloroethane	20	19.7	ug/L	99	1		84	111	20
	Hexachloroethane	20	19.3	ug/L	97	1		80	113	20
	Ethyl Benzene	20	19.5	ug/L	98	1		83	109	16
	m/p-Xylenes	40	39.6	ug/L	99	1		82	110	15
	o-Xylene	20	20.1	ug/L	101	1		83	109	20
	Styrene	20	20.4	ug/L	102	2		80	111	17
	Bromoform	20	20.5	ug/L	103	2		79	109	20
	Isopropylbenzene	20	19.2	ug/L	96	1		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100	4		76	118	20
	1,2,3-Trichloropropane	20	19.6	ug/L	98	5		75	112	20
	Bromobenzene	20	19.5	ug/L	98	3		77	116	20
	N-propylbenzene	20	19.3	ug/L	97	0		83	112	20
	2-Chlorotoluene	20	19.0	ug/L	95	1		83	110	20
	1,3,5-Trimethylbenzene	20	19.4	ug/L	97	1		85	112	20
	4-Chlorotoluene	20	19.7	ug/L	99	3		82	110	20
	tert-Butylbenzene	20	19.3	ug/L	97	1		83	112	20
	1,2,4-Trimethylbenzene	20	19.7	ug/L	99	2		85	111	20
	Sec-butylbenzene	20	19.2	ug/L	96	2		81	114	20
	p-Isopropyltoluene	20	19.7	ug/L	99	0		78	116	20
	1,3-Dichlorobenzene	20	19.6	ug/L	98	1		82	108	20
	1,4-Dichlorobenzene	20	19.4	ug/L	97	0		82	107	15
	n-Butylbenzene	20	19.6	ug/L	98	1		75	115	20
	1,2-Dichlorobenzene	20	19.5	ug/L	98	1		82	109	20
	1,2-Dibromo-3-Chloropropane	20	20.7	ug/L	104	5		68	112	20
	1,2,4-Trichlorobenzene	20	19.9	ug/L	100	3		75	113	29
	Hexachlorobutadiene	20	21.0	ug/L	105	2		81	121	20
	Naphthalene	20	19.9	ug/L	100	4		78	119	20
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97	1		76	114	29

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2812</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047288.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0812WBS01	Dichlorodifluoromethane	20	19.7	ug/L	99			69	116	
	Chloromethane	20	17.6	ug/L	88			65	116	
	Vinyl chloride	20	18.9	ug/L	95			65	117	
	Ethyl Acetate	20	20.7	ug/L	104			75	115	
	Bromomethane	20	17.5	ug/L	88			58	125	
	Chloroethane	20	17.3	ug/L	86			56	128	
	Trichlorofluoromethane	20	19.2	ug/L	96			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.2	ug/L	91			80	112	
	Tert butyl alcohol	100	82.5	ug/L	83			48	142	
	1,1-Dichloroethene	20	18.3	ug/L	92			74	110	
	Acrolein	100	150	ug/L	150		*	28	144	
	Acrylonitrile	100	94.0	ug/L	94			73	113	
	Acetone	100	88.0	ug/L	88			60	125	
	Carbon disulfide	20	18.2	ug/L	91			64	112	
	Methyl tert-butyl Ether	20	19.1	ug/L	96			78	114	
	Methyl Acetate	20	20.5	ug/L	103			67	125	
	Methylene Chloride	20	18.7	ug/L	94			72	114	
	trans-1,2-Dichloroethene	20	18.4	ug/L	92			75	108	
	Vinyl Acetate	100	95.4	ug/L	95			76	115	
	1,1-Dichloroethane	20	18.3	ug/L	92			78	112	
	Cyclohexane	20	17.4	ug/L	87			75	110	
	2-Butanone	100	88.4	ug/L	88			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	2,2-Dichloropropane	20	18.1	ug/L	91			56	164	
	cis-1,2-Dichloroethene	20	18.5	ug/L	93			77	110	
	Bromochloromethane	20	22.9	ug/L	115			70	124	
	Chloroform	20	18.5	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	18.7	ug/L	94			80	108	
	Methylcyclohexane	20	18.3	ug/L	92			72	115	
	1,1-Dichloropropene	20	17.6	ug/L	88			79	110	
	Benzene	20	18.7	ug/L	94			82	109	
	1,2-Dichloroethane	20	19.0	ug/L	95			80	115	
	Trichloroethene	20	18.4	ug/L	92			77	113	
	1,2-Dichloropropane	20	18.6	ug/L	93			83	111	
	Dibromomethane	20	19.3	ug/L	97			82	110	
	Bromodichloromethane	20	18.6	ug/L	93			83	110	
	4-Methyl-2-Pentanone	100	97.7	ug/L	98			74	118	
	Toluene	20	18.8	ug/L	94			82	110	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	18.4	ug/L	92			82	110	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			83	112	
	1,3-Dichloropropane	20	18.8	ug/L	94			83	111	
	2-Chloroethyl vinyl ether	100	82.1	ug/L	82			75	124	
	2-Hexanone	100	100	ug/L	100			73	117	
	Dibromochloromethane	20	19.2	ug/L	96			82	110	
	1,2-Dibromoethane	20	18.7	ug/L	94			81	110	
	Tetrachloroethene	20	18.2	ug/L	91			67	123	
	Chlorobenzene	20	18.6	ug/L	93			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2812</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047288.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0812WBS01	1,1,1,2-Tetrachloroethane	20	18.8	ug/L	94			84	111	
	Hexachloroethane	20	18.2	ug/L	91			80	113	
	Ethyl Benzene	20	18.5	ug/L	93			83	109	
	m/p-Xylenes	40	37.2	ug/L	93			82	110	
	o-Xylene	20	18.8	ug/L	94			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.2	ug/L	96			79	109	
	Isopropylbenzene	20	17.9	ug/L	90			83	112	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			76	118	
	1,2,3-Trichloropropane	20	18.6	ug/L	93			75	112	
	Bromobenzene	20	18.3	ug/L	92			77	116	
	N-propylbenzene	20	18.0	ug/L	90			83	112	
	2-Chlorotoluene	20	17.7	ug/L	89			83	110	
	1,3,5-Trimethylbenzene	20	18.3	ug/L	92			85	112	
	4-Chlorotoluene	20	18.2	ug/L	91			82	110	
	tert-Butylbenzene	20	18.2	ug/L	91			83	112	
	1,2,4-Trimethylbenzene	20	18.2	ug/L	91			85	111	
	Sec-butylbenzene	20	18.5	ug/L	93			81	114	
	p-Isopropyltoluene	20	18.7	ug/L	94			78	116	
	1,3-Dichlorobenzene	20	18.4	ug/L	92			82	108	
	1,4-Dichlorobenzene	20	18.3	ug/L	92			82	107	
	n-Butylbenzene	20	18.6	ug/L	93			75	115	
	1,2-Dichlorobenzene	20	18.4	ug/L	92			82	109	
	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93			68	112	
	1,2,4-Trichlorobenzene	20	18.8	ug/L	94			75	113	
	Hexachlorobutadiene	20	20.8	ug/L	104			81	121	
	Naphthalene	20	18.4	ug/L	92			78	119	
	1,2,3-Trichlorobenzene	20	18.6	ug/L	93			76	114	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0808WBL01

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2812

Lab File ID: VX047265.D

Lab Sample ID: VX0808WBL01

Date Analyzed: 08/08/2025

Time Analyzed: 12:19

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
VX0808WBS01	VX0808WBS01	VX047266.D	08/08/2025
VX0808WBSD01	VX0808WBSD01	VX047267.D	08/08/2025
STORAGE-BLANK-SOIL-REF-6	Q2812-01	VX047278.D	08/08/2025
STORAGE-BLANK-WATER-REF-5	Q2812-02	VX047279.D	08/08/2025
STORAGE-BLANK-WATER-REF-4	Q2812-03	VX047280.D	08/08/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0812WBL02

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2812

Lab File ID: VX047287.D

Lab Sample ID: VX0812WBL02

Date Analyzed: 08/12/2025

Time Analyzed: 11:17

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
VX0812WBS01	VX0812WBS01	VX047288.D	08/12/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2812-04	VX047289.D	08/12/2025

COMMENTS: _____



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2812

Lab File ID: VX047054.D

BFB Injection Date: 07/21/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:53

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	19.4
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.5
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	69.5 (95.9) 1
177	5.0 - 9.0% of mass 176	5 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX047055.D	07/21/2025	09:47
VSTDIC005	VSTDIC005	VX047056.D	07/21/2025	10:08
VSTDIC020	VSTDIC020	VX047057.D	07/21/2025	10:29
VSTDIC050	VSTDIC050	VX047058.D	07/21/2025	10:50
VSTDIC100	VSTDIC100	VX047059.D	07/21/2025	11:11
VSTDIC150	VSTDIC150	VX047060.D	07/21/2025	11:32



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: CHEM02

Lab Code: ACE

SDG NO.: Q2812

Lab File ID: VX047262.D

BFB Injection Date: 08/08/2025

Instrument ID: MSVOA_X

BFB Injection Time: 10:04

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	19.1
75	30.0 - 60.0% of mass 95	51.9
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	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	73.6
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	70.5 (95.8) 1
177	5.0 - 9.0% of mass 176	4.6 (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	VX047263.D	08/08/2025	11:04
VX0808WBL01	VX0808WBL01	VX047265.D	08/08/2025	12:19
VX0808WBS01	VX0808WBS01	VX047266.D	08/08/2025	13:16
VX0808WBSD01	VX0808WBSD01	VX047267.D	08/08/2025	13:45
STORAGE-BLANK-SOIL-REF-6	Q2812-01	VX047278.D	08/08/2025	17:36
STORAGE-BLANK-WATER-REF-5	Q2812-02	VX047279.D	08/08/2025	17:57
STORAGE-BLANK-WATER-REF-4	Q2812-03	VX047280.D	08/08/2025	18:18



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: CHEM02

Lab Code: ACE

SDG NO.: Q2812

Lab File ID: VX047283.D

BFB Injection Date: 08/12/2025

Instrument ID: MSVOA_X

BFB Injection Time: 07:51

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	19
75	30.0 - 60.0% of mass 95	52.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	74.4
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	71.7 (96.3) 1
177	5.0 - 9.0% of mass 176	4.8 (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	VX047284.D	08/12/2025	09:53
VX0812WBL02	VX0812WBL02	VX047287.D	08/12/2025	11:17
VX0812WBS01	VX0812WBS01	VX047288.D	08/12/2025	11:52
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2812-04	VX047289.D	08/12/2025	12:22

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG NO.: Q2812
 Lab File ID: VX047263.D Date Analyzed: 08/08/2025
 Instrument ID: MSVOA_X Time Analyzed: 11:04
 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	231247	5.56	404873	6.76	364546	10.06
UPPER LIMIT	462494	6.056	809746	7.263	729092	10.555
LOWER LIMIT	115624	5.056	202437	6.263	182273	9.555
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	234243	5.57	402057	6.77	361186	10.06
STORAGE-BLANK-WATER-REF-5	243966	5.56	416365	6.77	372924	10.06
STORAGE-BLANK-WATER-REF-4	234968	5.56	404221	6.77	363761	10.06
VX0808WBL01	368606	5.56	680757	6.76	661932	10.06
VX0808WBS01	241260	5.56	404774	6.76	361083	10.06
VX0808WBSD01	229567	5.56	385678	6.76	348369	10.06

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG NO.: Q2812
 Lab File ID: VX047263.D Date Analyzed: 08/08/2025
 Instrument ID: MSVOA_X Time Analyzed: 11:04
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	177002	12.018				
UPPER LIMIT	354004	12.518				
LOWER LIMIT	88501	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	185644	12.02				
STORAGE-BLANK-WATER-REF-5	193215	12.02				
STORAGE-BLANK-WATER-REF-4	187713	12.02				
VX0808WBL01	331943	12.02				
VX0808WBS01	185608	12.02				
VX0808WBSD01	177274	12.02				

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02
Lab Code: ACE SDG NO.: Q2812
Lab File ID: VX047284.D Date Analyzed: 08/12/2025
Instrument ID: MSVOA_X Time Analyzed: 09:53
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	222209	5.56	370615	6.76	329997	10.05
UPPER LIMIT	444418	6.056	741230	7.263	659994	10.549
LOWER LIMIT	111105	5.056	185308	6.263	164999	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SAMPLE-MANAGEMENT	333831	5.56	624193	6.76	598203	10.06
VX0812WBL02	346553	5.56	664166	6.76	641288	10.06
VX0812WBS01	266708	5.56	450165	6.76	403402	10.05

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG NO.: Q2812
 Lab File ID: VX047284.D Date Analyzed: 08/12/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:53
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	165820	12.018				
UPPER LIMIT	331640	12.518				
LOWER LIMIT	82910	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SAMPLE-MANAGEMENT	297055	12.02				
VX0812WBL02	313492	12.02				
VX0812WBS01	207271	12.02				

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2812
Lab Sample ID:	Q2812-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047278.D	1	08/08/25 17:36	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2812
Lab Sample ID:	Q2812-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047278.D	1	08/08/25 17:36	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2812
Lab Sample ID:	Q2812-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047278.D	1	08/08/25 17:36	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	44.5		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	234000	5.568			
540-36-3	1,4-Difluorobenzene	402000	6.769			
3114-55-4	Chlorobenzene-d5	361000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	186000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2812
Lab Sample ID:	Q2812-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047278.D	1	08/08/25 17:36	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047278.D
 Acq On : 08 Aug 2025 17:36
 Operator : JC/MD
 Sample : Q2812-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 11 02:05:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	234243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	402057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139608	47.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.680%
35) Dibromofluoromethane	5.397	113	123295	49.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	8.653	98	357729	44.497	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.000%#
62) 4-Bromofluorobenzene	11.079	95	170378	49.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%

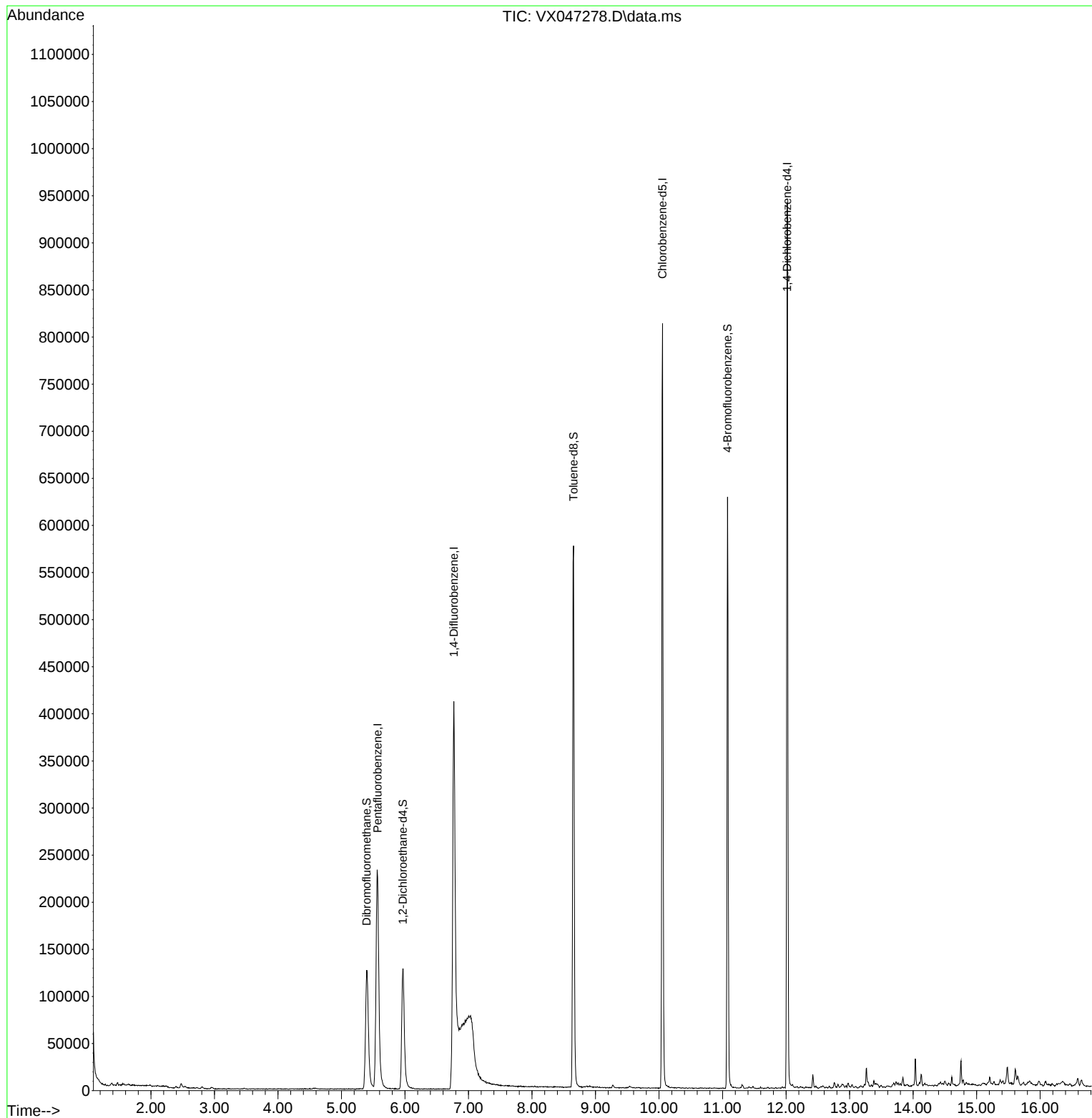
Target Compounds	Qvalue

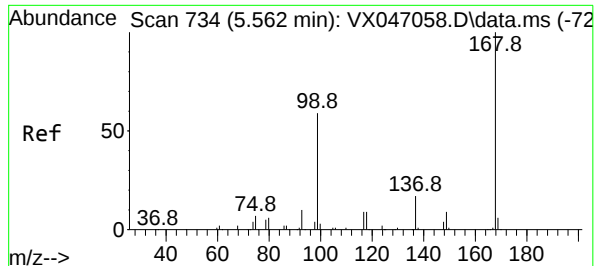
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047278.D
Acq On : 08 Aug 2025 17:36
Operator : JC/MD
Sample : Q2812-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 11 02:05:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

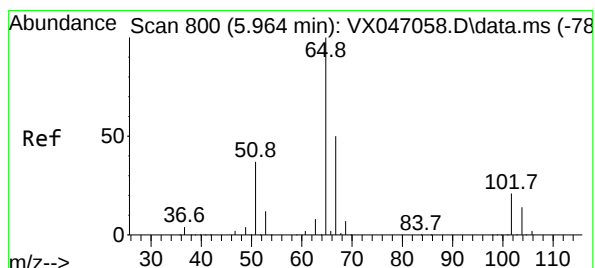
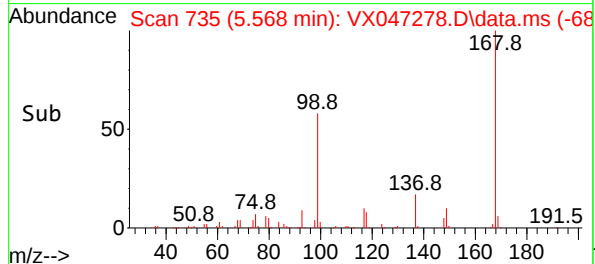
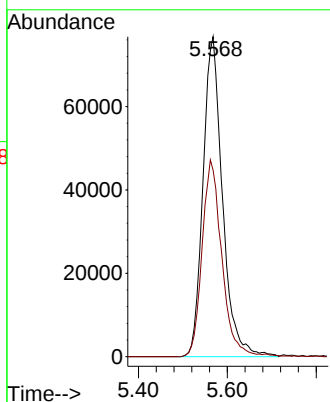
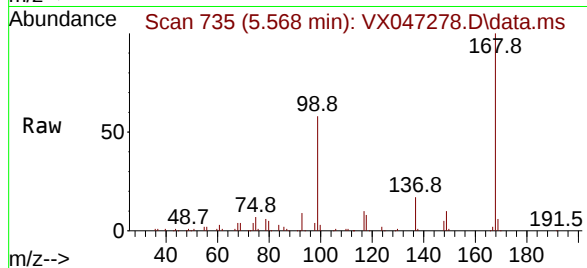




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047278.D
Acq: 08 Aug 2025 17:36

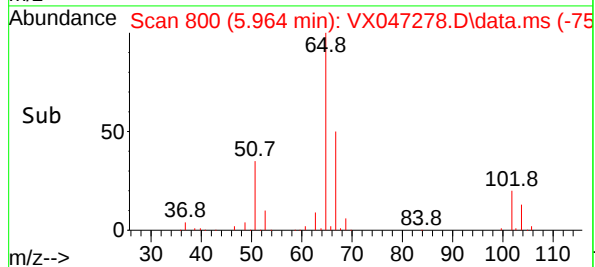
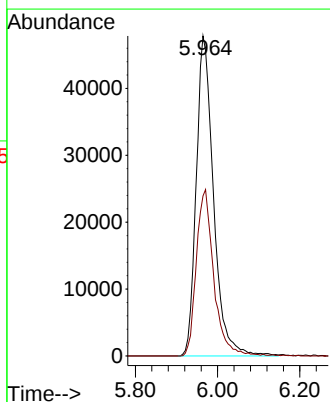
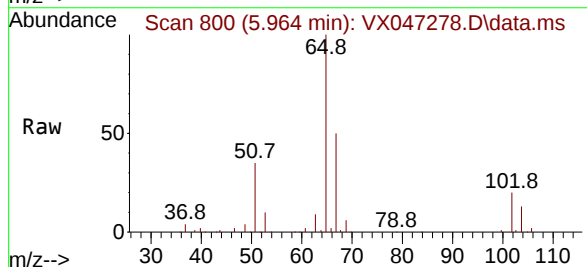
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

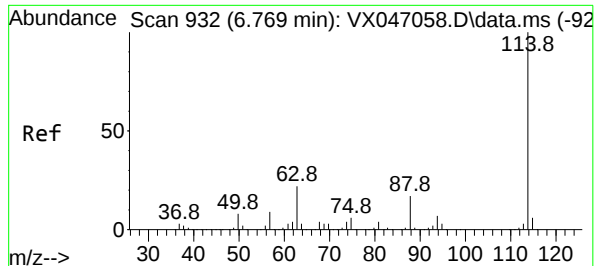
Tgt Ion:168 Resp: 234243
Ion Ratio Lower Upper
168 100
99 58.3 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 47.845 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047278.D
Acq: 08 Aug 2025 17:36

Tgt Ion: 65 Resp: 139608
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047278.D

Acq: 08 Aug 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

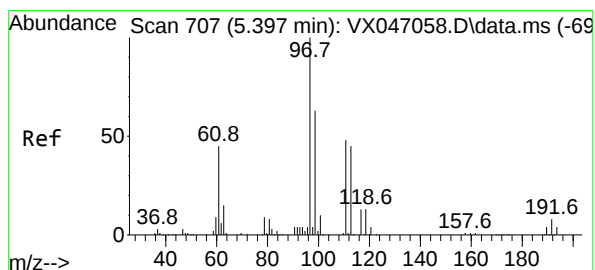
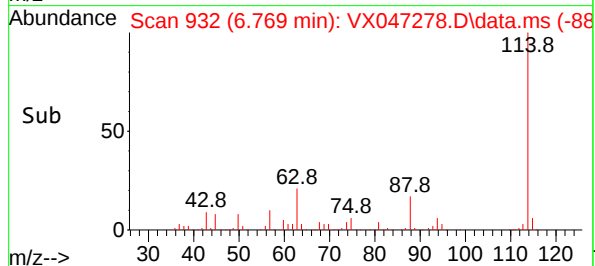
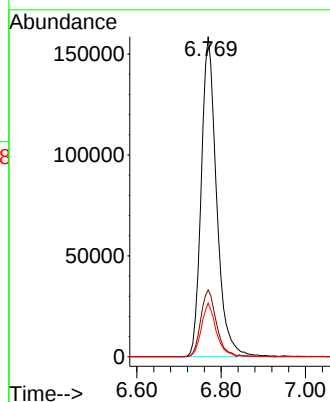
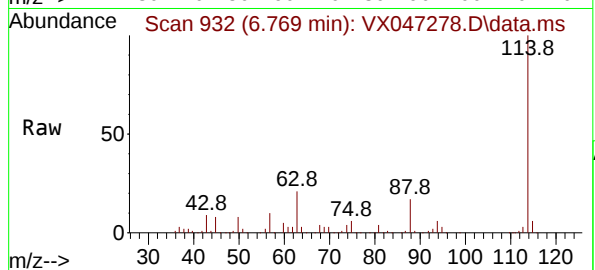
Tgt Ion:114 Resp: 402057

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.667 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047278.D

Acq: 08 Aug 2025 17:36

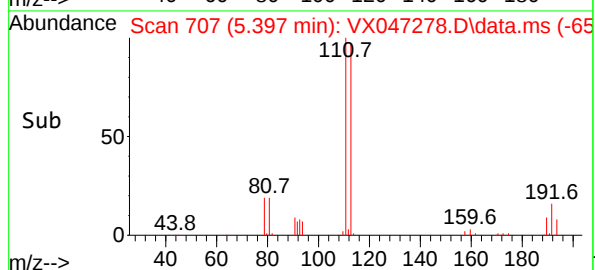
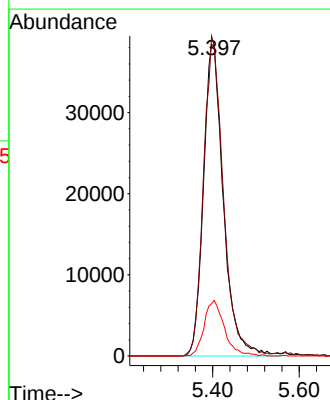
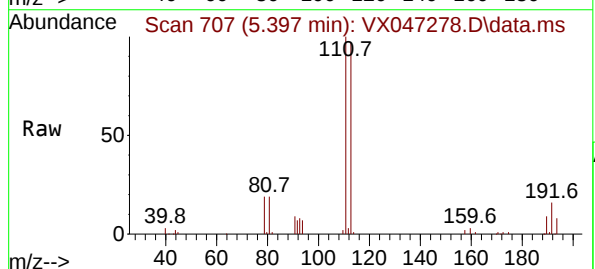
Tgt Ion:113 Resp: 123295

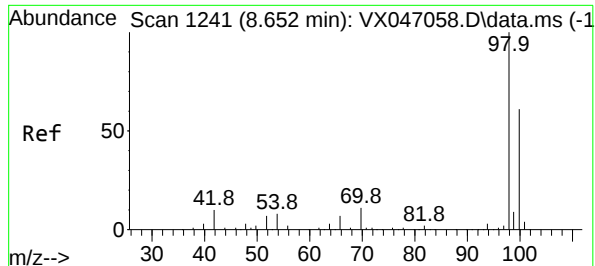
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 18.0 14.9 22.3





#50

Toluene-d8

Concen: 44.497 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047278.D

Acq: 08 Aug 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

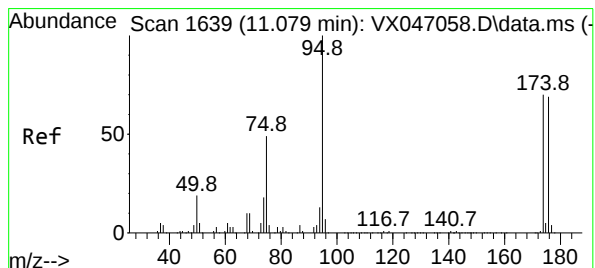
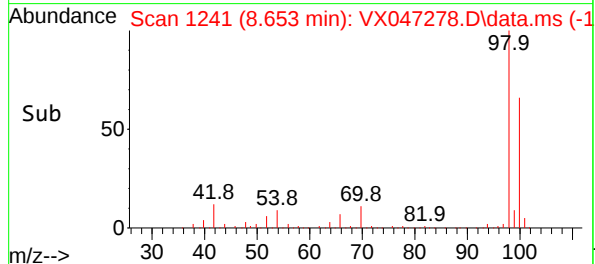
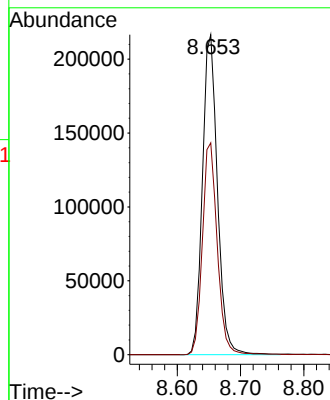
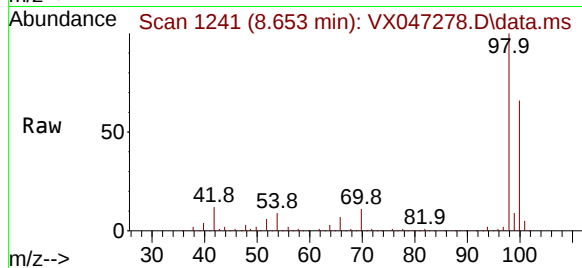
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 357729

Ion Ratio Lower Upper

98 100

100 65.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 49.178 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047278.D

Acq: 08 Aug 2025 17:36

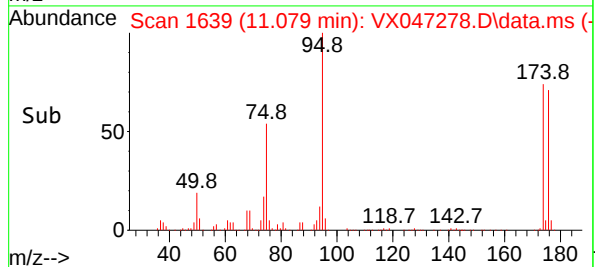
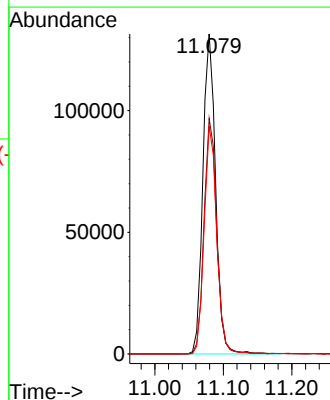
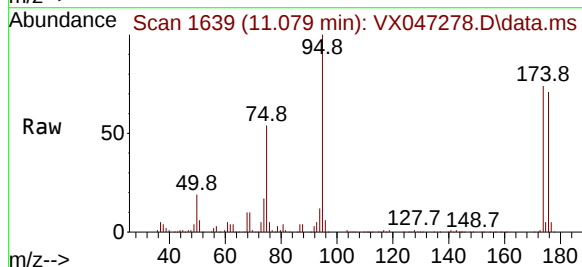
Tgt Ion: 95 Resp: 170378

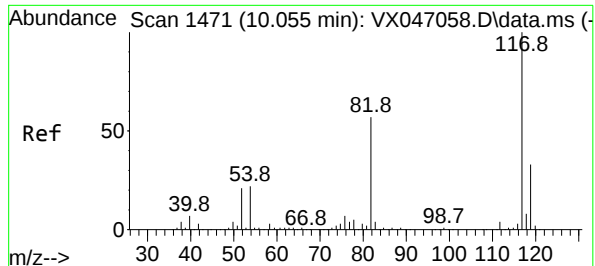
Ion Ratio Lower Upper

95 100

174 73.5 0.0 144.6

176 70.6 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047278.D

Acq: 08 Aug 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

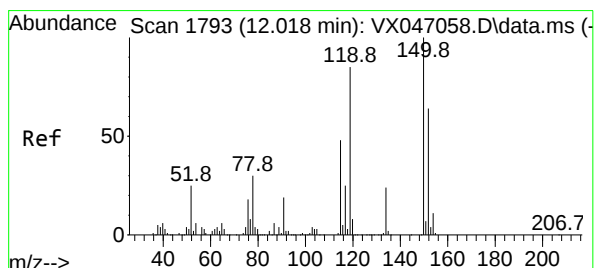
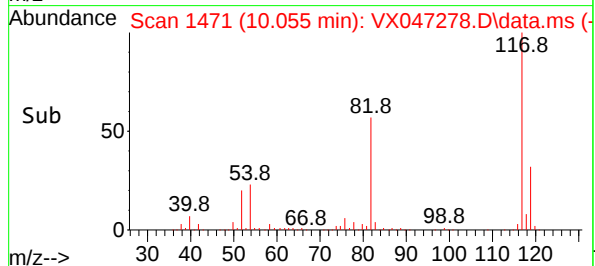
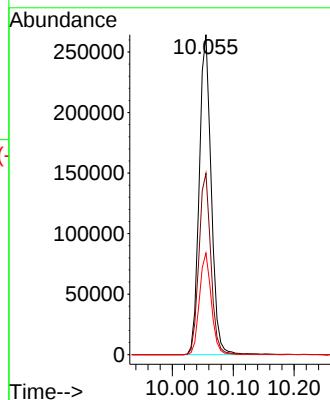
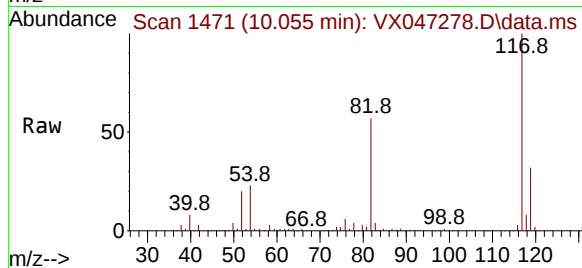
Tgt Ion:117 Resp: 361186

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.2

119 31.8 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047278.D

Acq: 08 Aug 2025 17:36

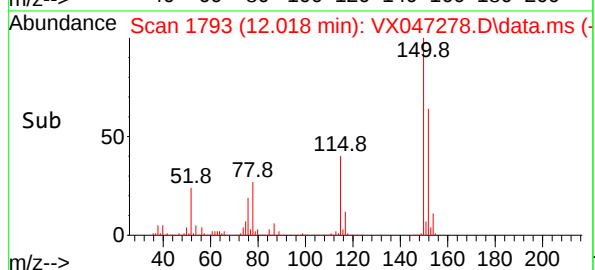
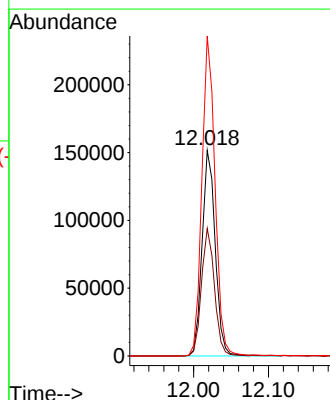
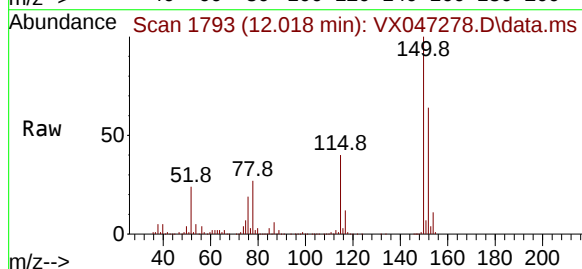
Tgt Ion:152 Resp: 185644

Ion Ratio Lower Upper

152 100

115 61.4 45.6 136.7

150 155.5 0.0 354.6



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2812
Lab Sample ID:	Q2812-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047279.D	1	08/08/25 17:57	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2812
Lab Sample ID:	Q2812-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047279.D	1	08/08/25 17:57	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2812
Lab Sample ID:	Q2812-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047279.D	1	08/08/25 17:57	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	44.3		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	244000	5.562			
540-36-3	1,4-Difluorobenzene	416000	6.769			
3114-55-4	Chlorobenzene-d5	373000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	193000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2812
Lab Sample ID:	Q2812-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047279.D	1	08/08/25 17:57	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047279.D
 Acq On : 08 Aug 2025 17:57
 Operator : JC/MD
 Sample : Q2812-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 11 02:06:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	243966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	416365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	193215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142242	46.805	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.600%
35) Dibromofluoromethane	5.403	113	125065	48.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.653	98	368539	44.267	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.540%#
62) 4-Bromofluorobenzene	11.079	95	179347	49.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%

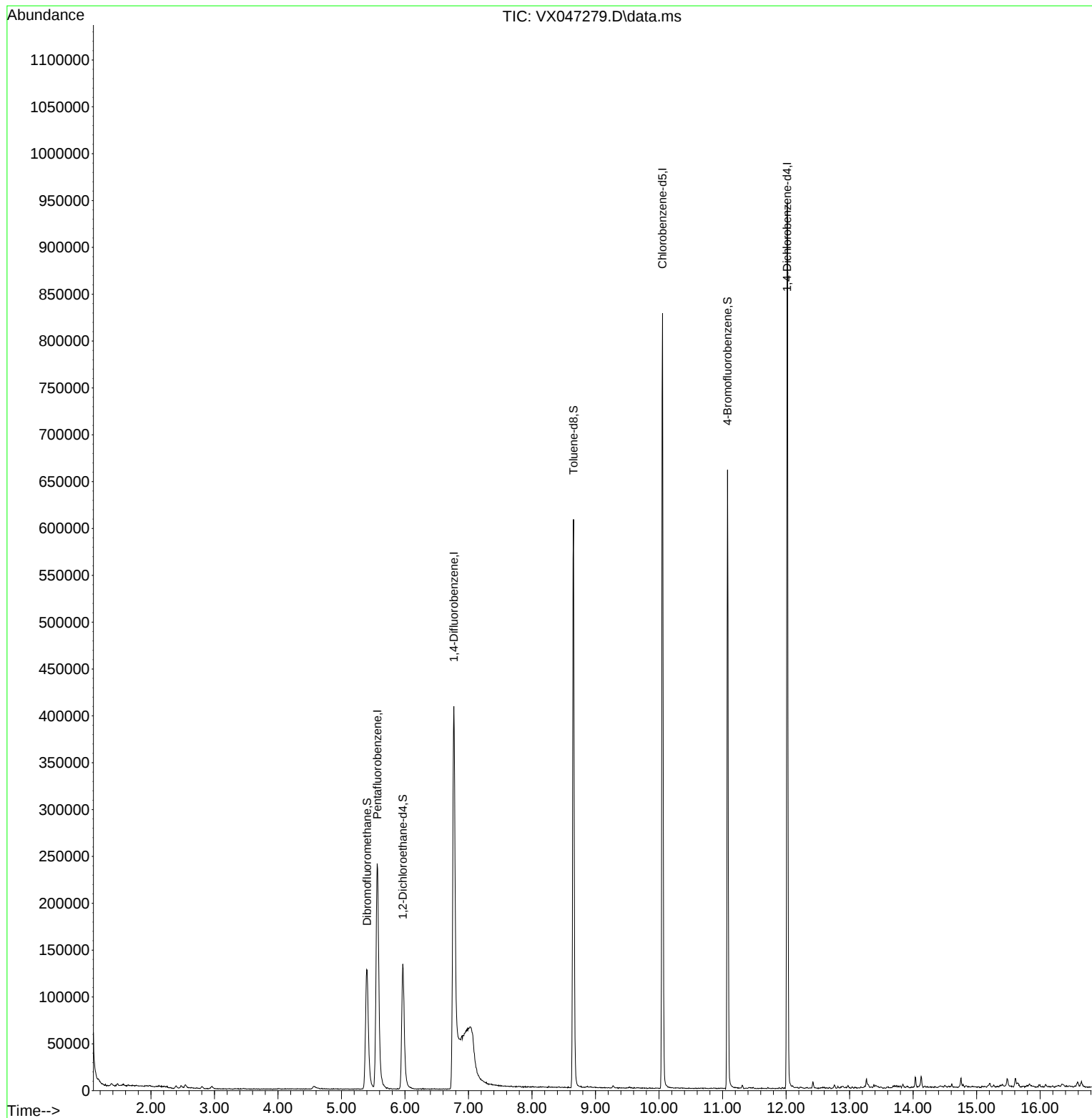
Target Compounds	Qvalue

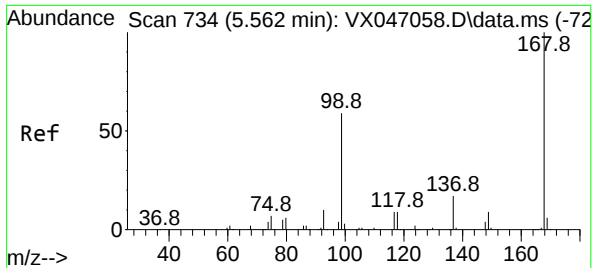
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047279.D
Acq On : 08 Aug 2025 17:57
Operator : JC/MD
Sample : Q2812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 11 02:06:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

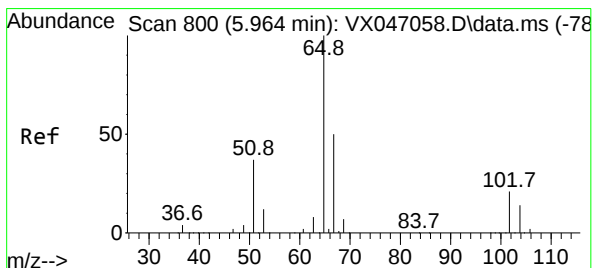
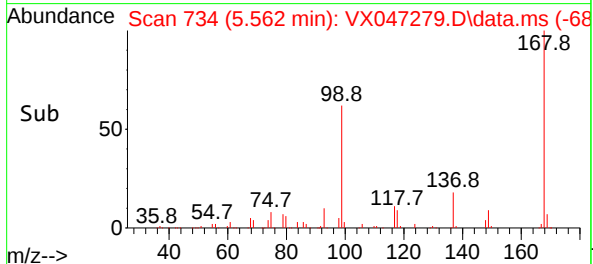
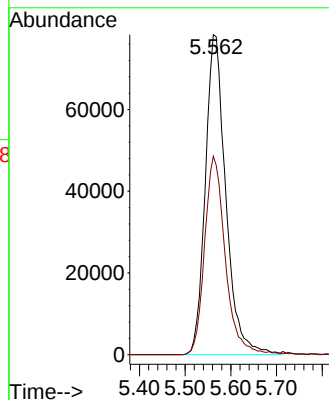
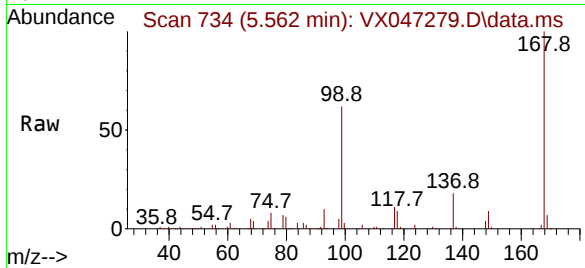




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

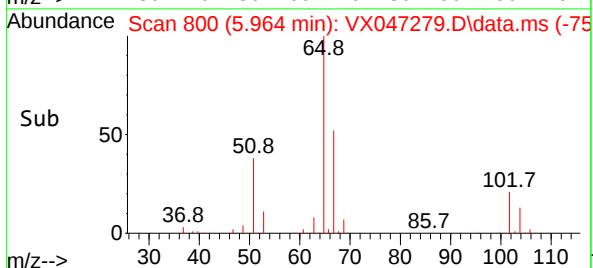
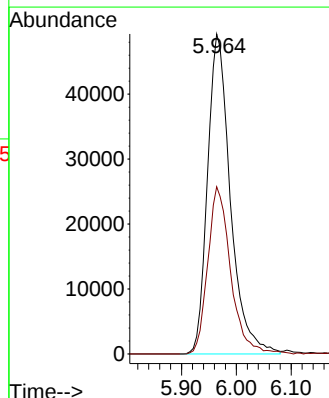
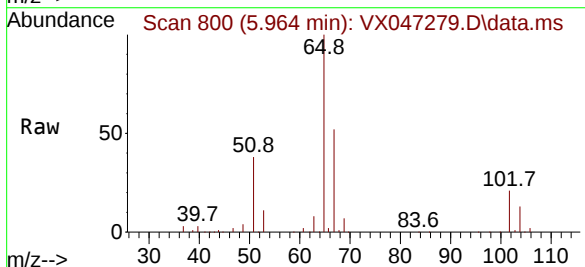
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

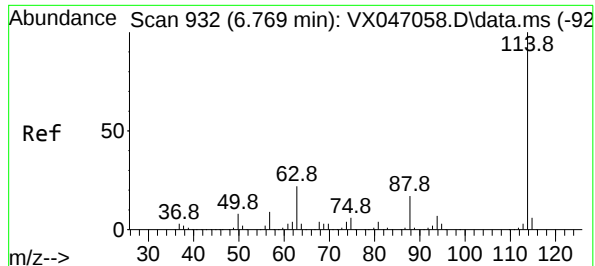
Tgt Ion:168 Resp: 243966
Ion Ratio Lower Upper
168 100
99 62.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 46.805 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 65 Resp: 142242
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

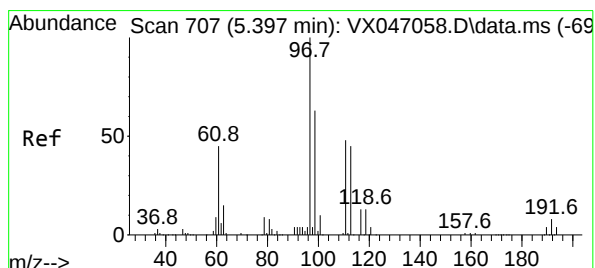
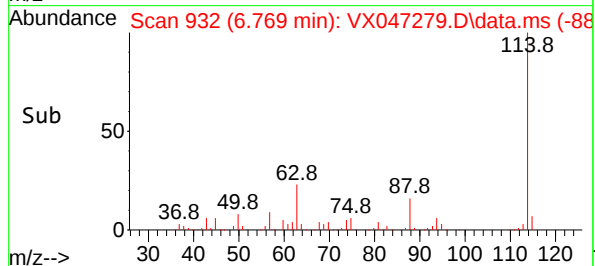
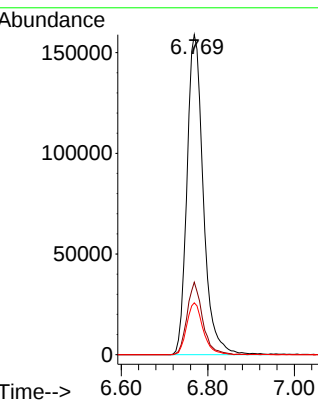
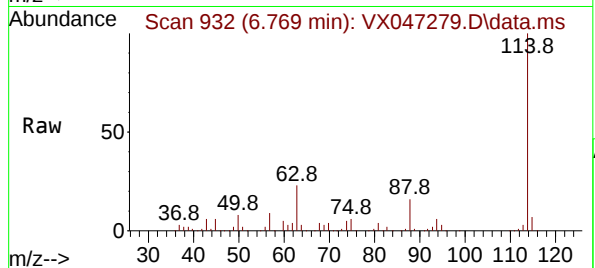
Tgt Ion:114 Resp: 416365

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.2

88 16.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.649 ug/l

RT: 5.403 min Scan# 708

Delta R.T. 0.006 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

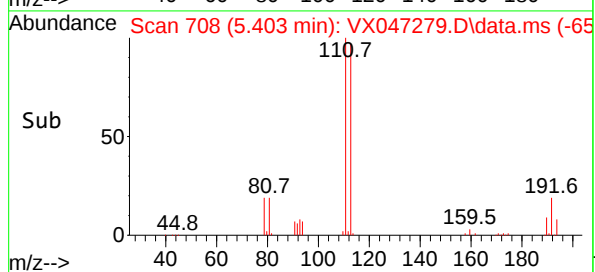
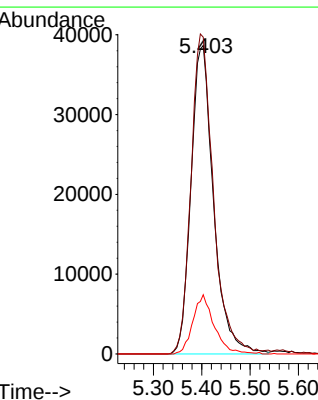
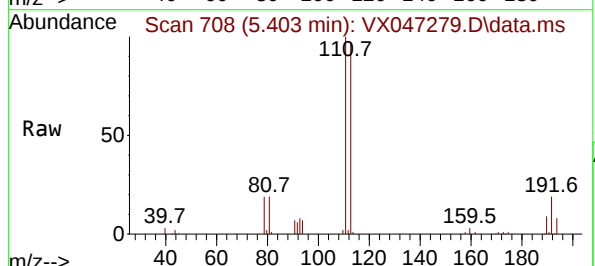
Tgt Ion:113 Resp: 125065

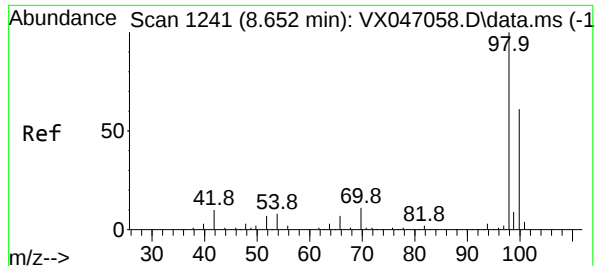
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.2 14.9 22.3





#50

Toluene-d8

Concen: 44.267 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

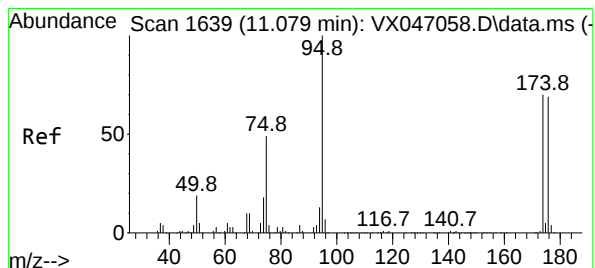
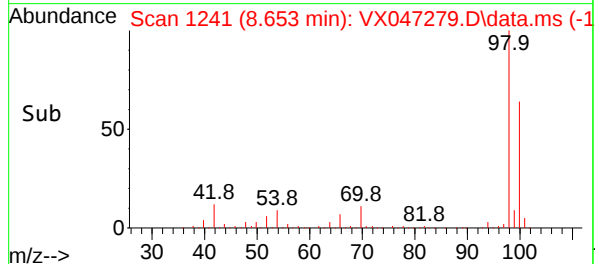
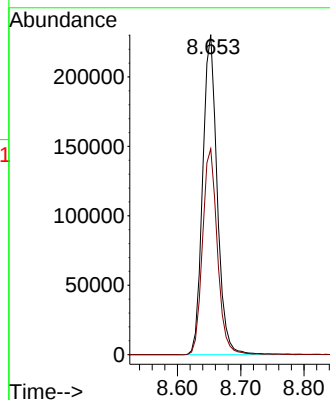
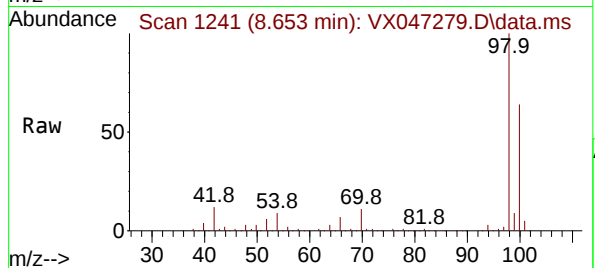
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 368539

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 49.988 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

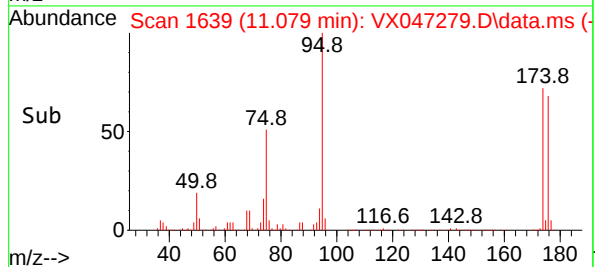
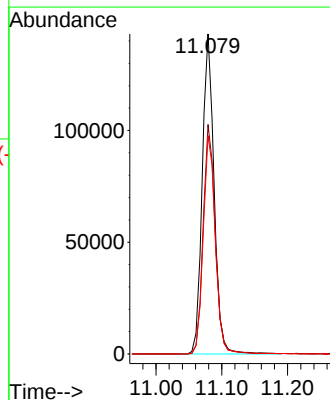
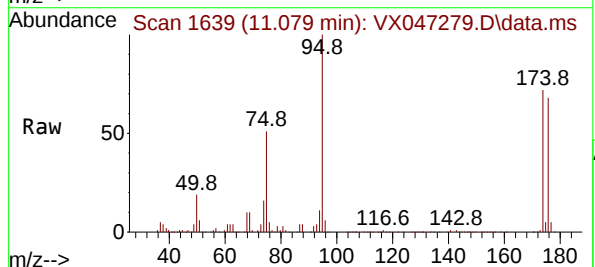
Tgt Ion: 95 Resp: 179347

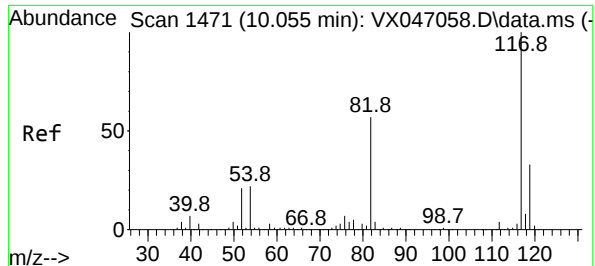
Ion Ratio Lower Upper

95 100

174 72.8 0.0 144.6

176 69.8 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

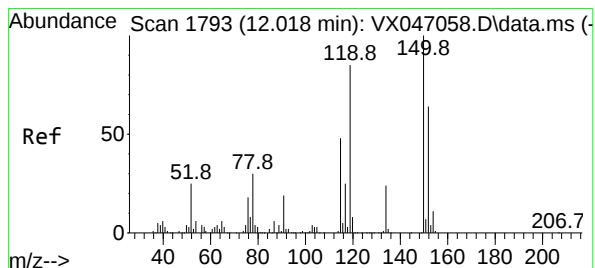
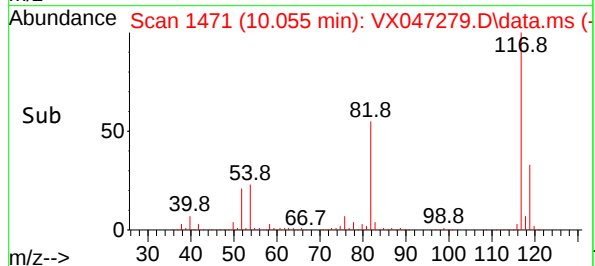
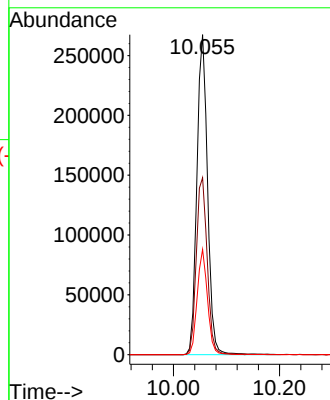
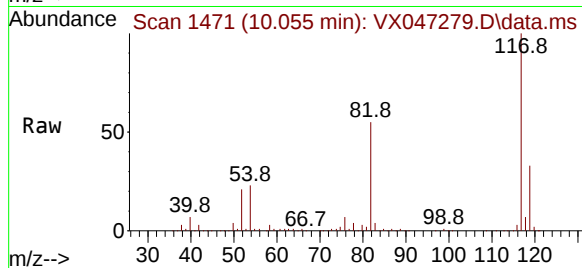
Tgt Ion:117 Resp: 372924

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.2

119 32.9 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

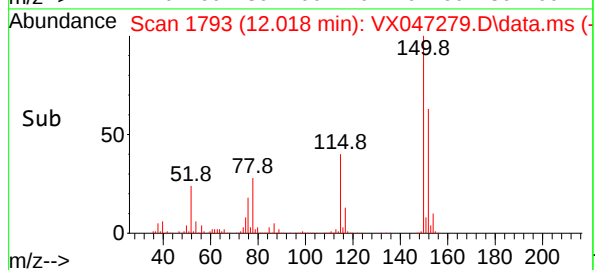
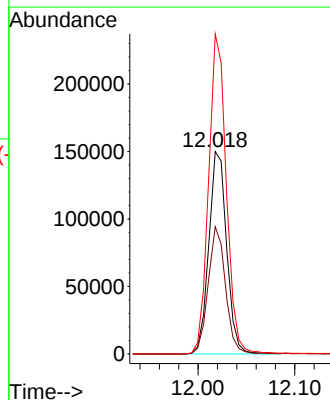
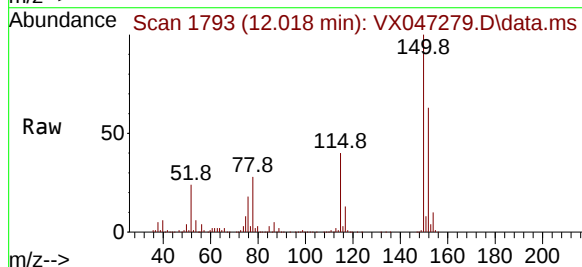
Tgt Ion:152 Resp: 193215

Ion Ratio Lower Upper

152 100

115 61.1 45.6 136.7

150 157.1 0.0 354.6



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	08/01/25	
Project:	Weekly Storage Blanks			Date Received:	08/08/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-4			SDG No.:	Q2812	
Lab Sample ID:	Q2812-03			Matrix:	Water	
Analytical Method:	8260D			% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID :	0.18	Level :	LOW	
Prep Method :						

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047280.D	1	08/08/25 18:18	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2812
Lab Sample ID:	Q2812-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047280.D	1	08/08/25 18:18	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2812
Lab Sample ID:	Q2812-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047280.D	1	08/08/25 18:18	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	44.8		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	235000	5.562			
540-36-3	1,4-Difluorobenzene	404000	6.769			
3114-55-4	Chlorobenzene-d5	364000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	188000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2812
Lab Sample ID:	Q2812-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047280.D	1	08/08/25 18:18	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047280.D
 Acq On : 08 Aug 2025 18:18
 Operator : JC/MD
 Sample : Q2812-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Aug 11 02:06:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	234968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	404221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143843	49.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.280%
35) Dibromofluoromethane	5.397	113	124685	49.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.653	98	362389	44.836	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.680%#
62) 4-Bromofluorobenzene	11.079	95	176359	50.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.260%

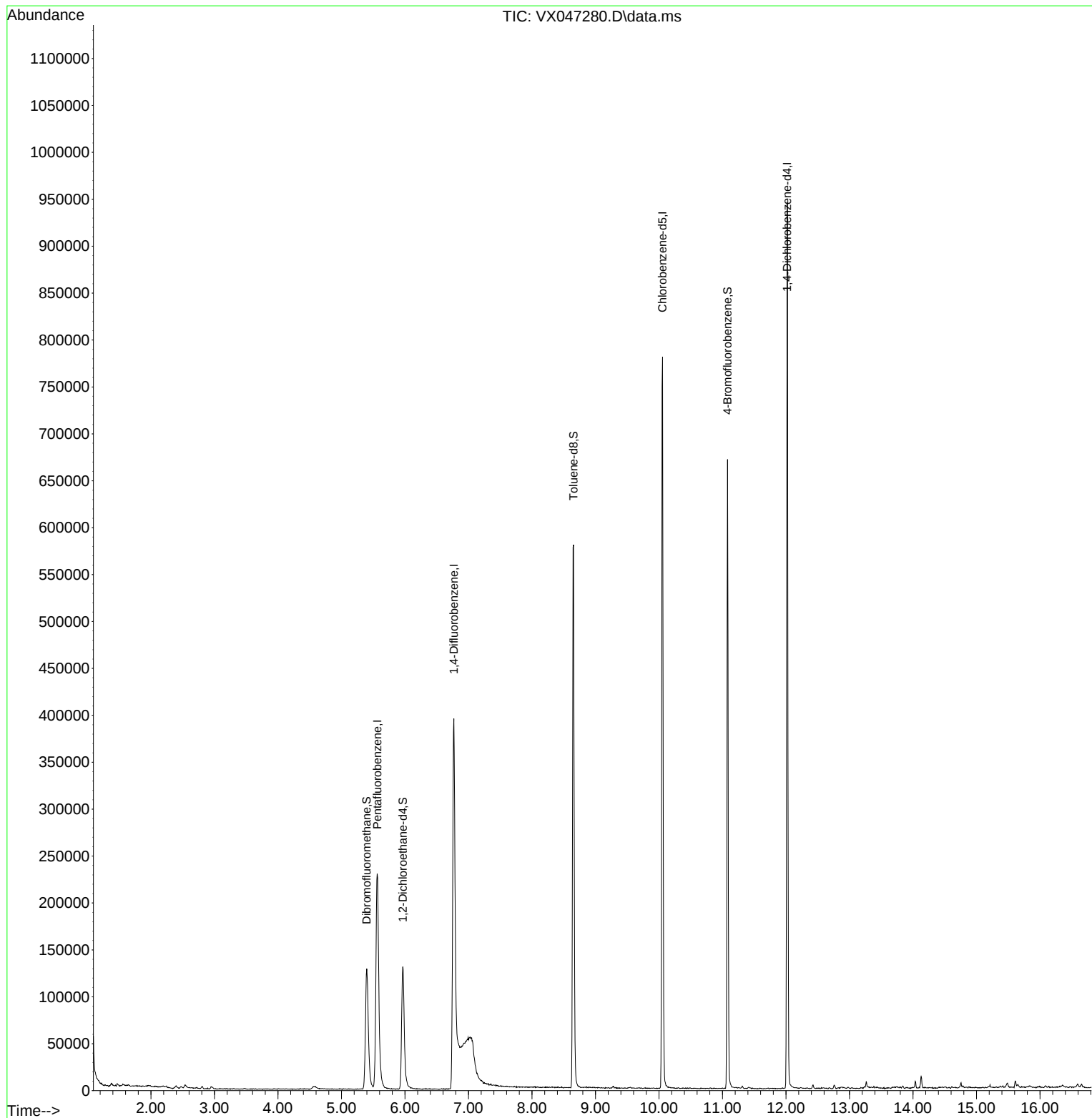
Target Compounds	Qvalue

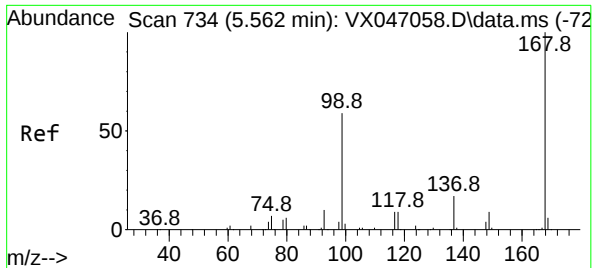
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047280.D
Acq On : 08 Aug 2025 18:18
Operator : JC/MD
Sample : Q2812-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

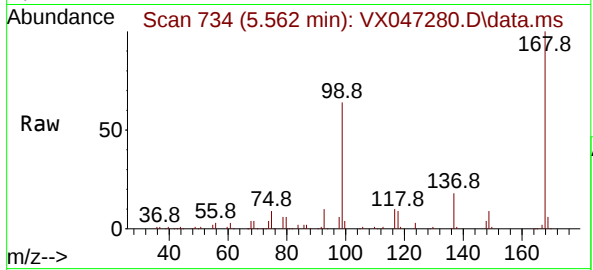
Quant Time: Aug 11 02:06:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



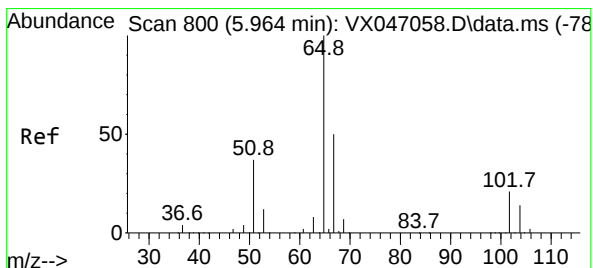
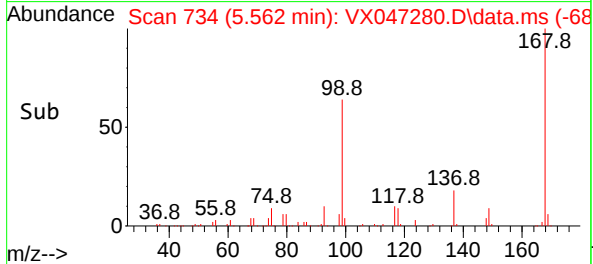
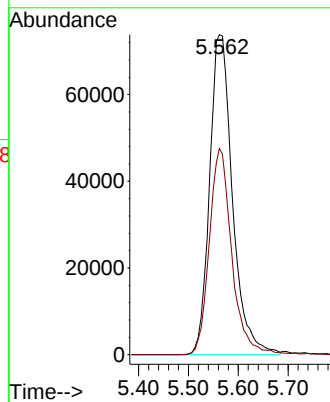


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

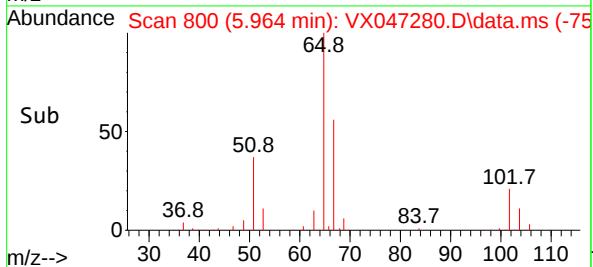
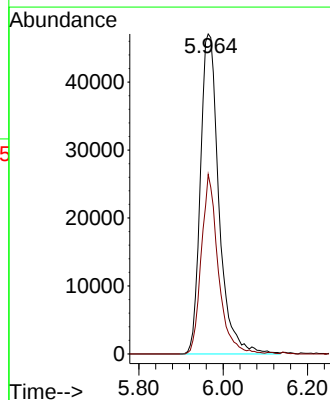
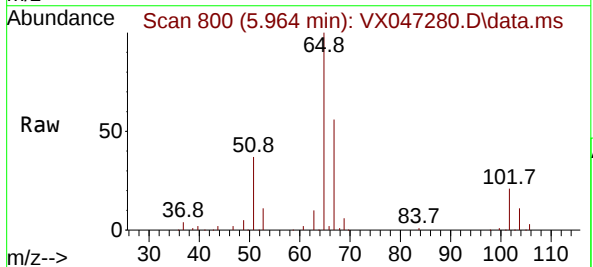


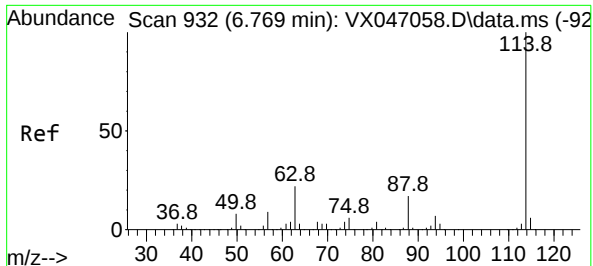
Tgt Ion:168 Resp: 234968
Ion Ratio Lower Upper
168 100
99 64.5 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 49.144 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

Tgt Ion: 65 Resp: 143843
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

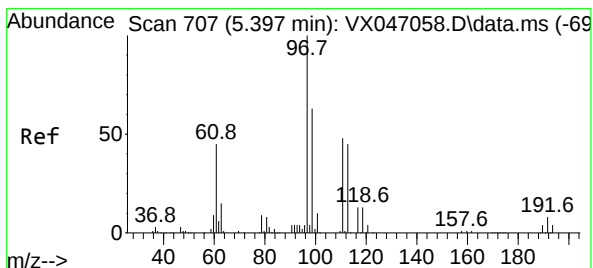
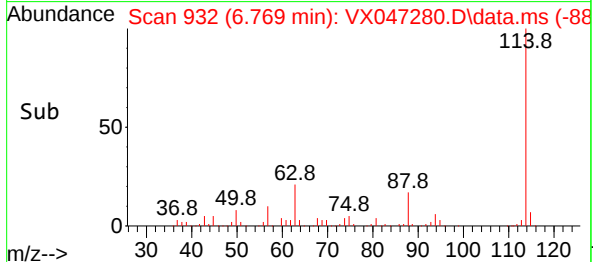
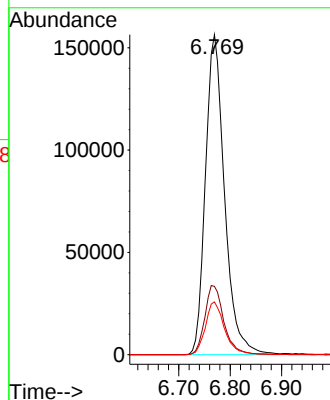
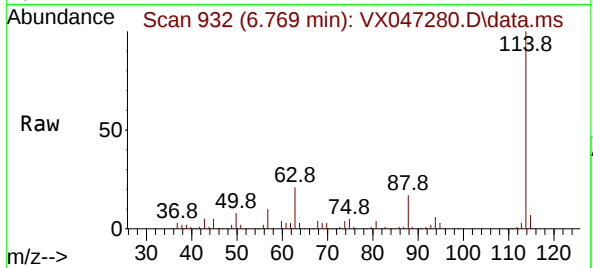




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

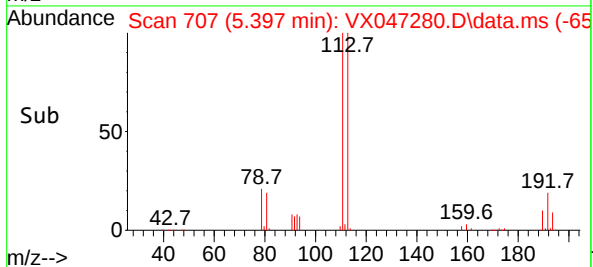
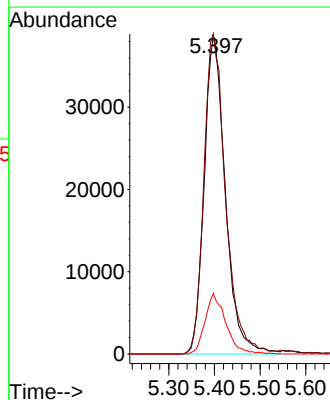
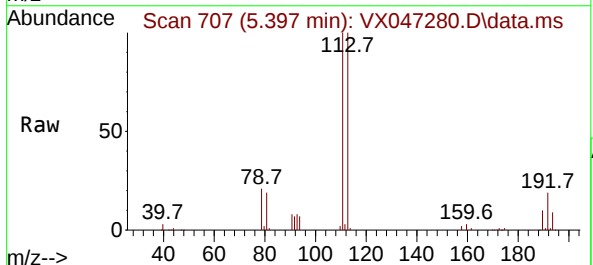
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

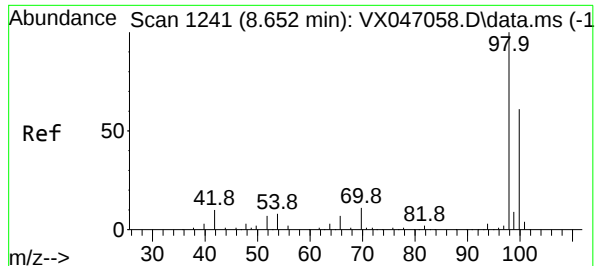
Tgt Ion:114 Resp: 404221
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.958 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

Tgt Ion:113 Resp: 124685
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.6 14.9 22.3





#50

Toluene-d8

Concen: 44.836 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX047280.D

Acq: 08 Aug 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

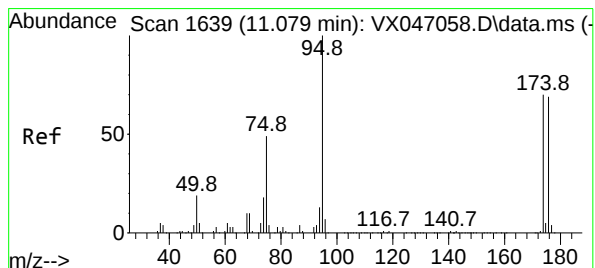
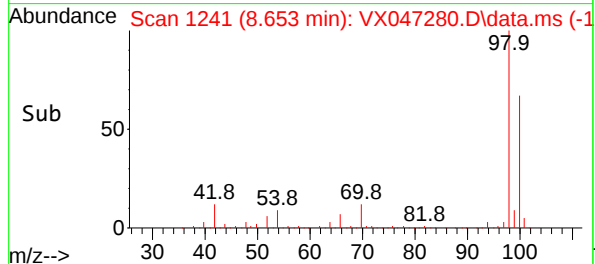
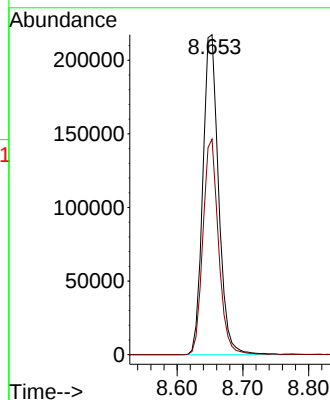
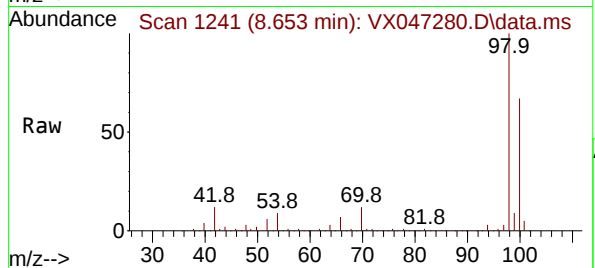
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 362389

Ion Ratio Lower Upper

98 100

100 66.8 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 50.632 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047280.D

Acq: 08 Aug 2025 18:18

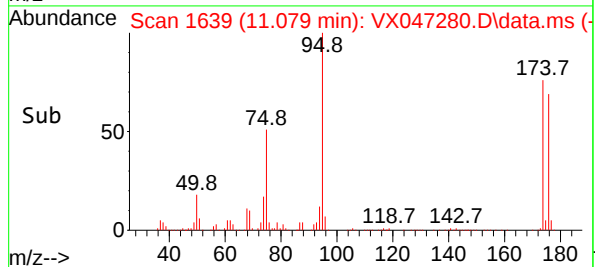
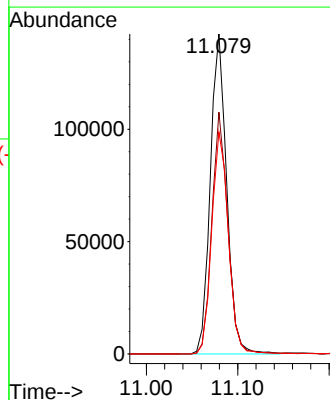
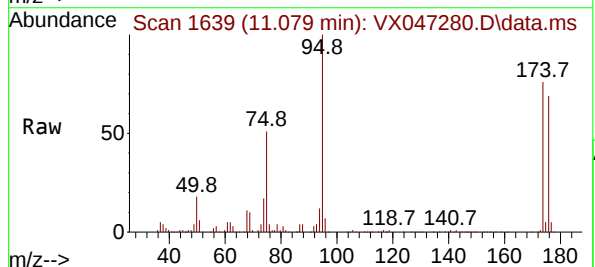
Tgt Ion: 95 Resp: 176359

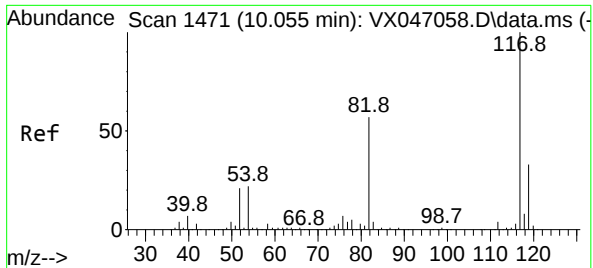
Ion Ratio Lower Upper

95 100

174 74.2 0.0 144.6

176 70.9 0.0 139.6

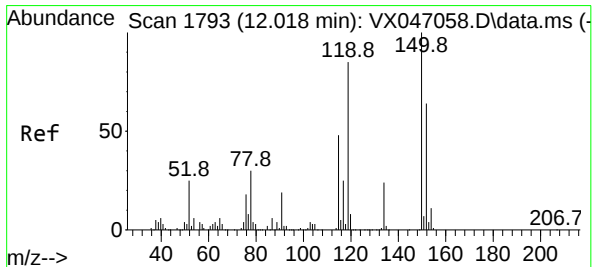
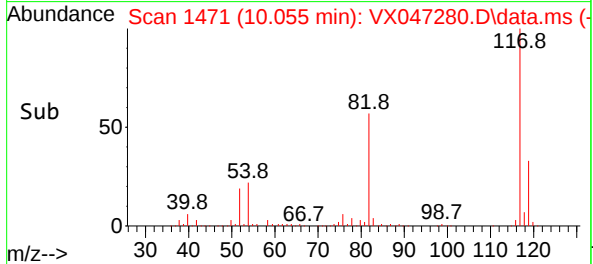
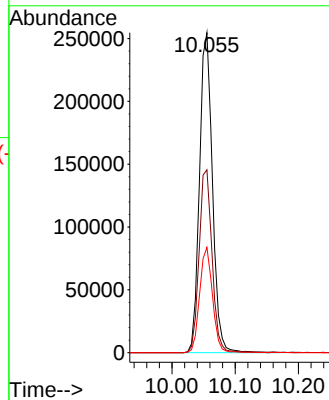
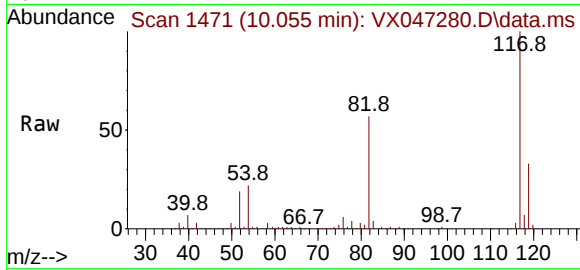




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

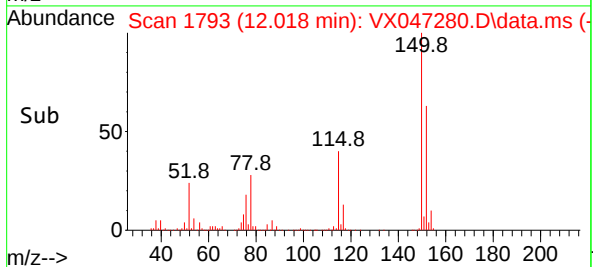
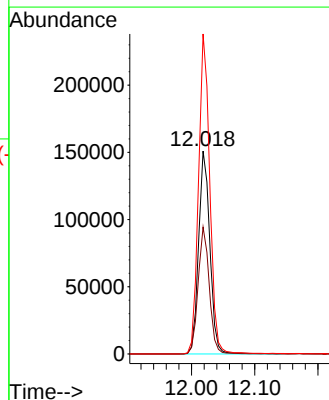
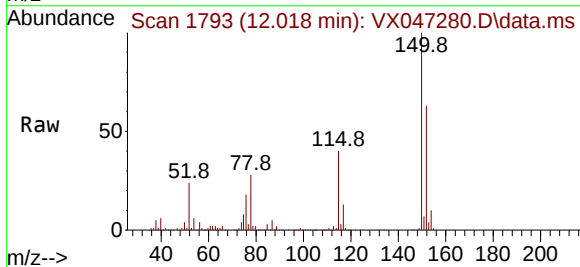
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 363761
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

Tgt Ion:152 Resp: 187713
Ion Ratio Lower Upper
152 100
115 61.9 45.6 136.7
150 157.3 0.0 354.6



Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	08/01/25
Project:	Weekly Storage Blanks		Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT		SDG No.:	Q2812
Lab Sample ID:	Q2812-04		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047289.D	1	08/12/25 12:22	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	UQ	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2812
Lab Sample ID:	Q2812-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047289.D	1	08/12/25 12:22	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2812
Lab Sample ID:	Q2812-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047289.D	1	08/12/25 12:22	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	53.8		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	334000	5.556			
540-36-3	1,4-Difluorobenzene	624000	6.763			
3114-55-4	Chlorobenzene-d5	598000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	297000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/01/25
Project:	Weekly Storage Blanks	Date Received:	08/08/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2812
Lab Sample ID:	Q2812-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047289.D	1	08/12/25 12:22	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047289.D
 Acq On : 12 Aug 2025 12:22
 Operator : JC/MD
 Sample : Q2812-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 13 01:45:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	333831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	624193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	297055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	217571	52.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.640%
35) Dibromofluoromethane	5.397	113	186606	48.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.647	98	671382	53.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.580%
62) 4-Bromofluorobenzene	11.079	95	282793	52.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.160%

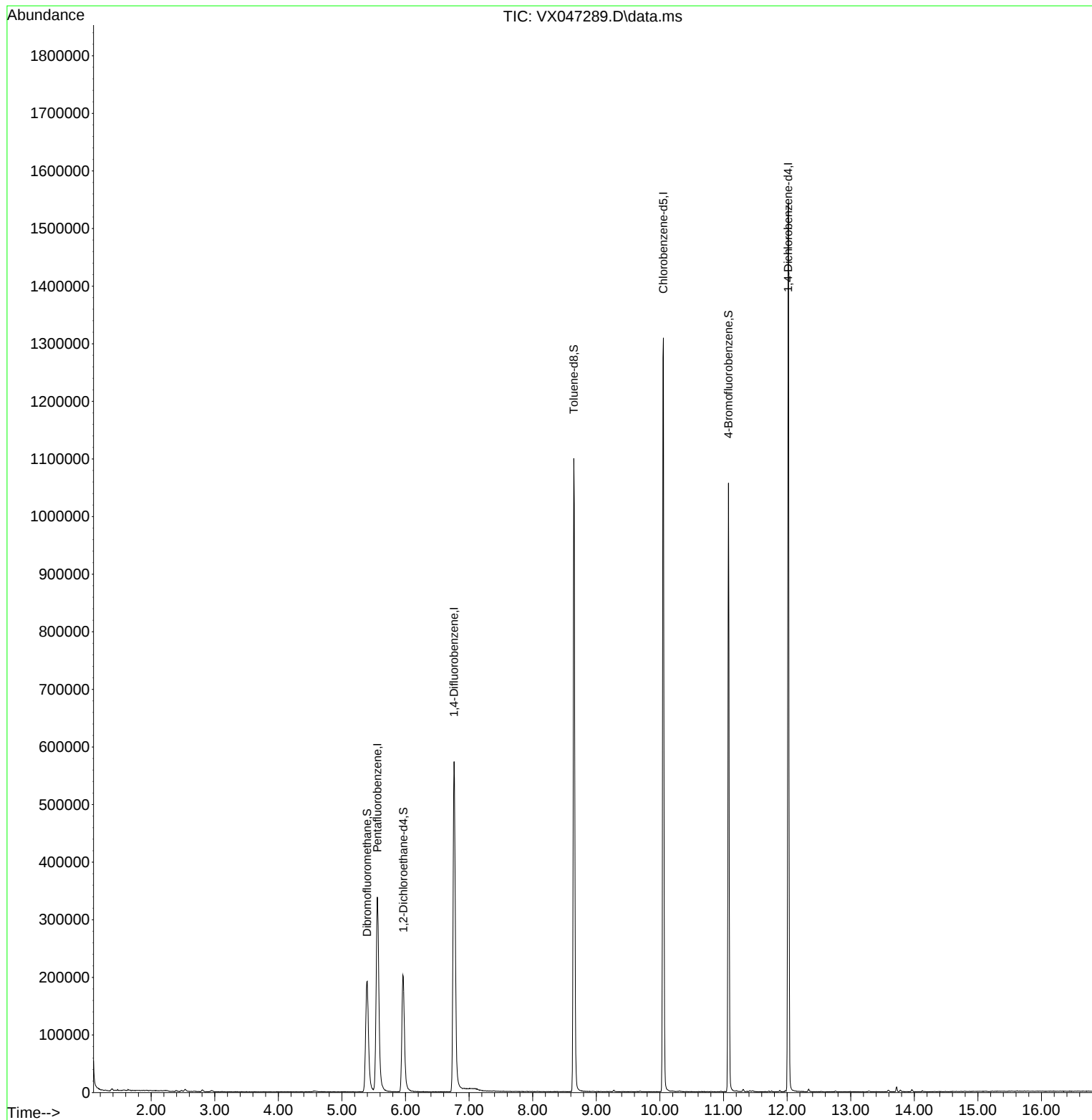
Target Compounds	Qvalue

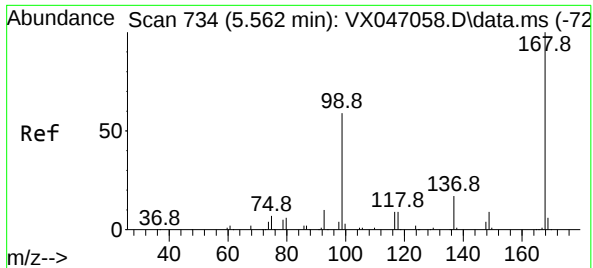
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047289.D
Acq On : 12 Aug 2025 12:22
Operator : JC/MD
Sample : Q2812-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 13 01:45:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

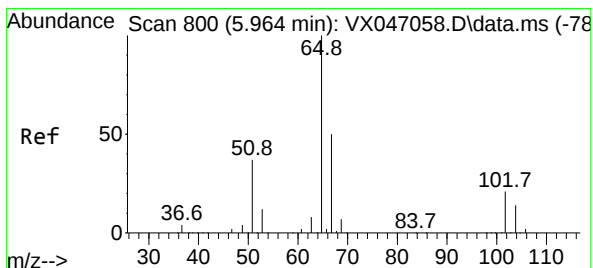
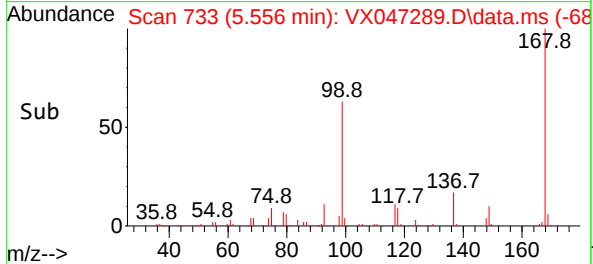
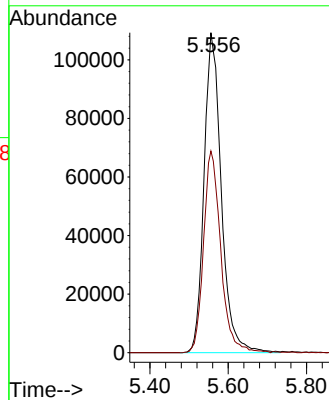
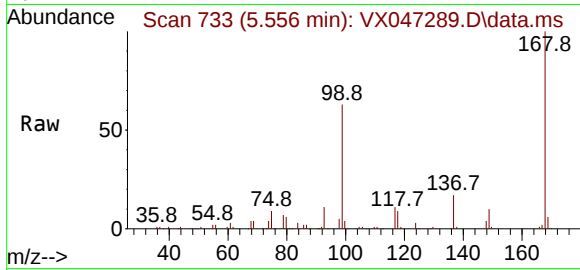




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

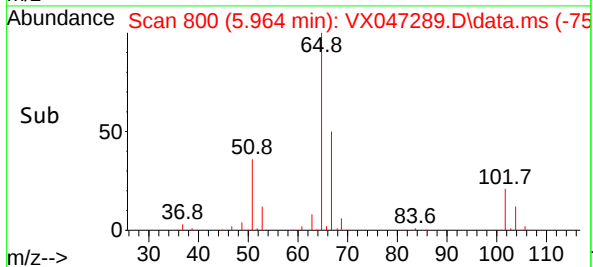
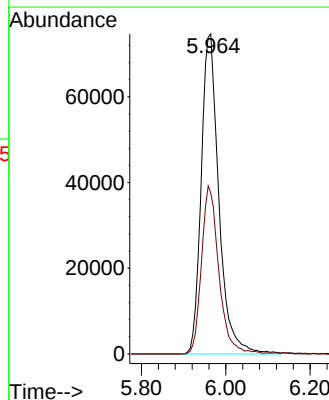
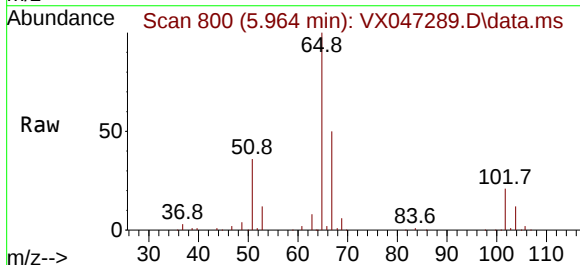
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

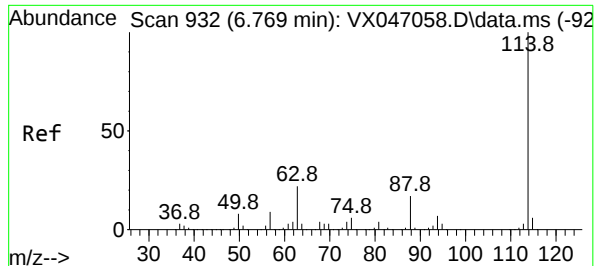
Tgt Ion:168 Resp: 333831
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 52.320 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

Tgt Ion: 65 Resp: 217571
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX047289.D

Acq: 12 Aug 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

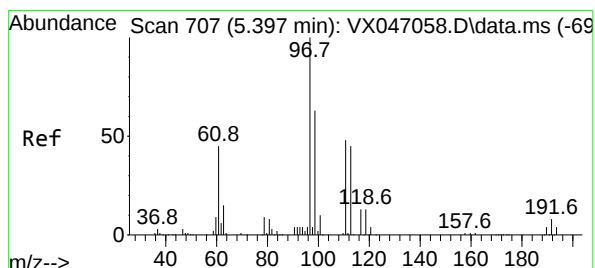
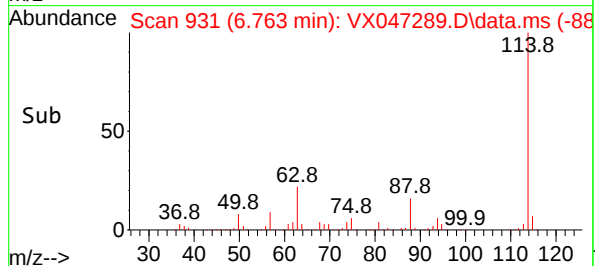
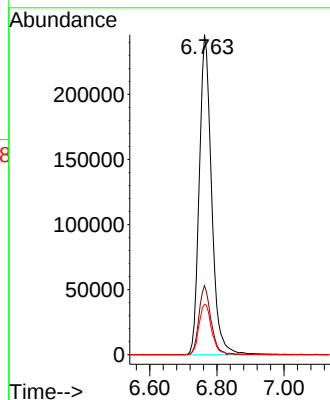
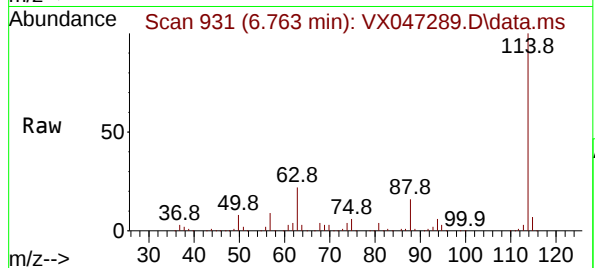
Tgt Ion:114 Resp: 624193

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 15.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.419 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047289.D

Acq: 12 Aug 2025 12:22

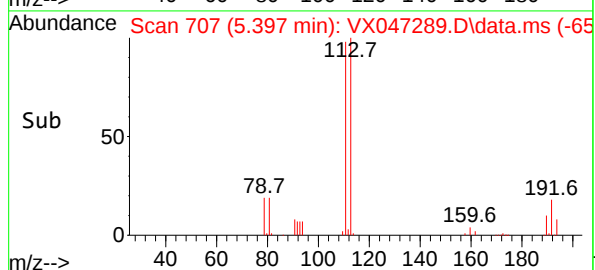
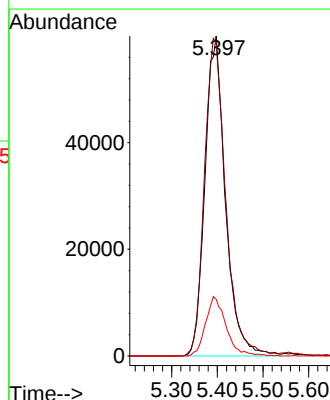
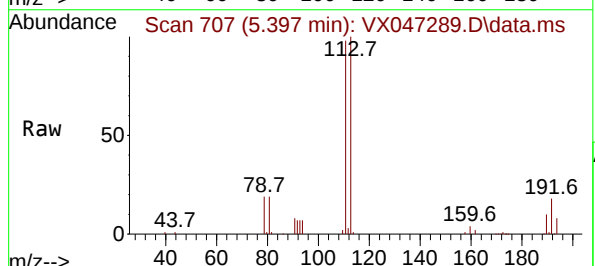
Tgt Ion:113 Resp: 186606

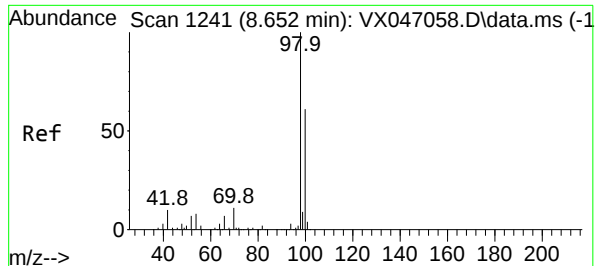
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.5 14.9 22.3





#50

Toluene-d8

Concen: 53.792 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047289.D

Acq: 12 Aug 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

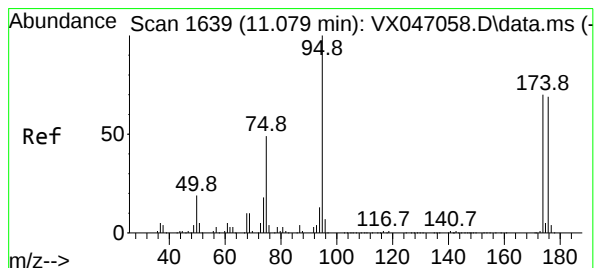
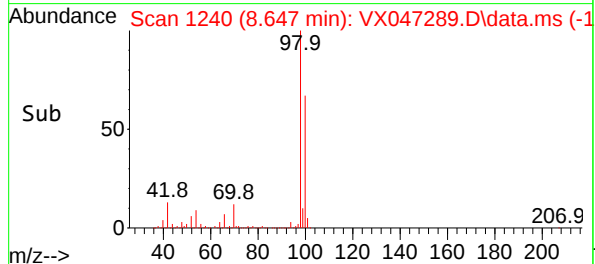
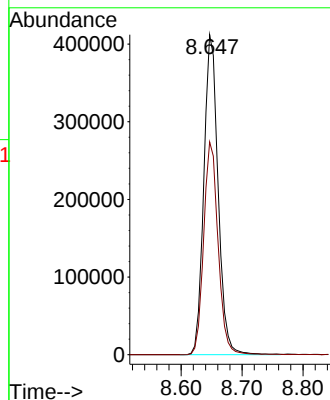
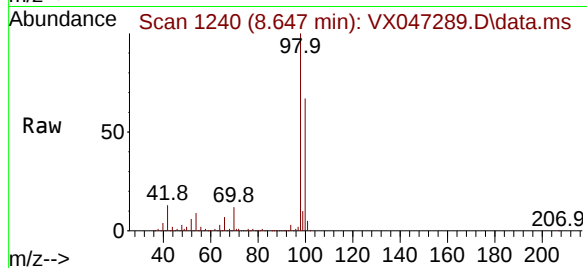
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 671382

Ion Ratio Lower Upper

98 100

100 67.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 52.577 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047289.D

Acq: 12 Aug 2025 12:22

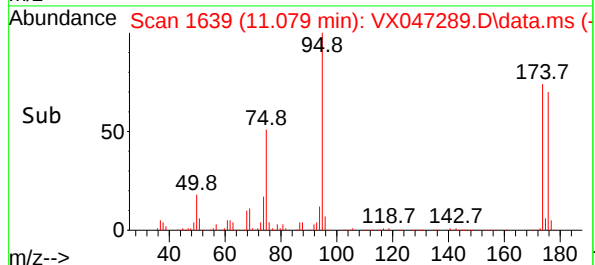
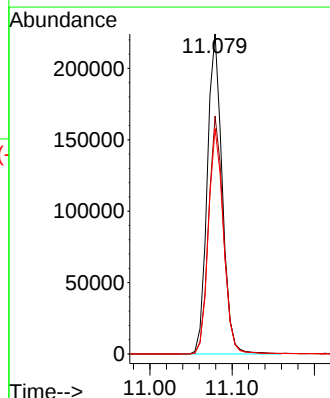
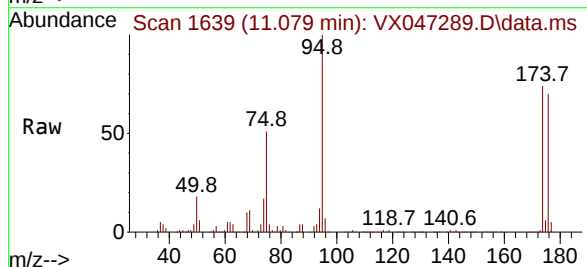
Tgt Ion: 95 Resp: 282793

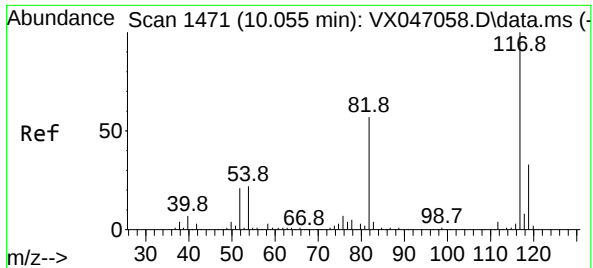
Ion Ratio Lower Upper

95 100

174 74.1 0.0 144.6

176 71.2 0.0 139.6

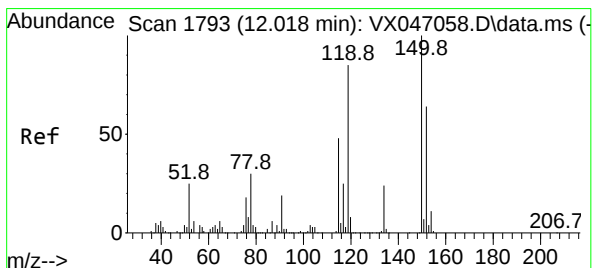
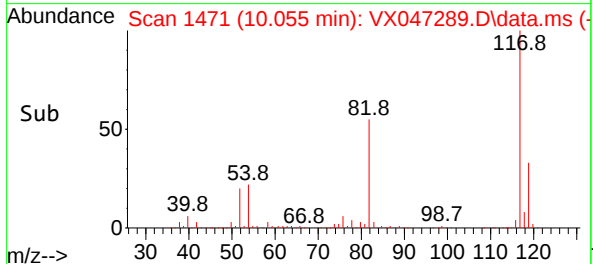
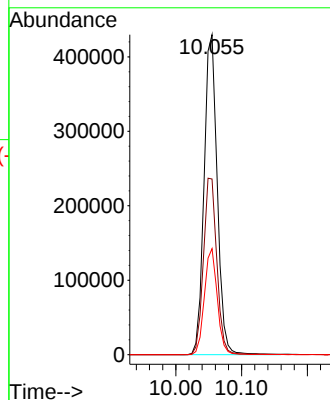
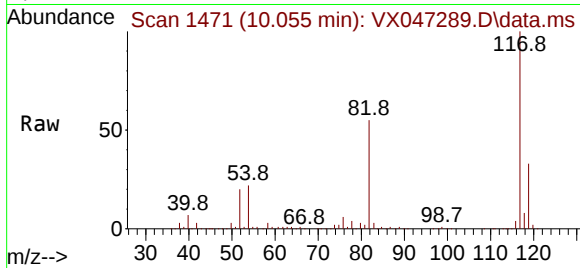




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

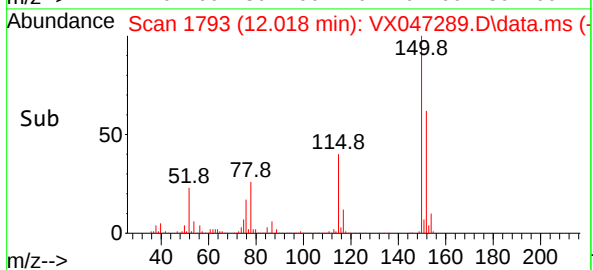
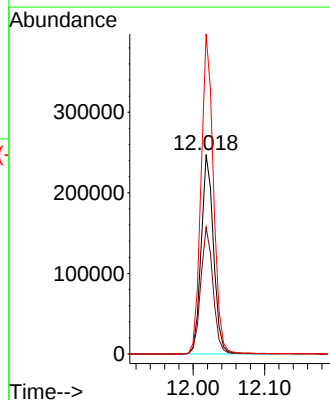
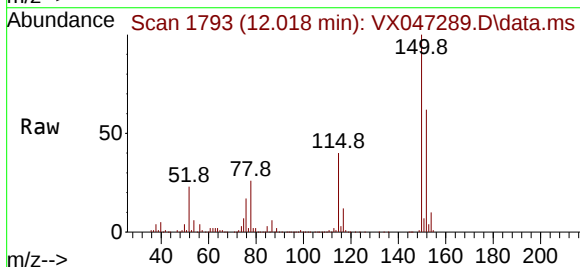
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 598203
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047289.D
Acq: 12 Aug 2025 12:22

Tgt Ion:152 Resp: 297055
Ion Ratio Lower Upper
152 100
115 63.3 45.6 136.7
150 160.6 0.0 354.6





CALIBRATION SUMMARY



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG No.: Q2812
 Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX047055.D		RRF005 = VX047056.D		RRF020 = VX047057.D			
		RRF050 = VX047058.D		RRF100 = VX047059.D		RRF150 = VX047060.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.516	0.640	0.610	0.768	0.721	0.729	0.664	14.1	
Chloromethane	0.582	0.668	0.626	0.699	0.667	0.701	0.657	7	
Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.7	
Ethyl Acetate	0.496	0.537	0.438	0.511	0.462	0.466	0.485	7.5	
Bromomethane		0.408	0.400	0.448	0.353	0.309	0.384	14	
Chloroethane	0.547	0.482	0.436	0.470	0.423	0.424	0.464	10.3	
Trichlorofluoromethane	0.853	1.123	1.058	1.158	1.054	1.071	1.053	10.1	
1,1,2-Trichlorotrifluoroethane	0.558	0.671	0.646	0.675	0.627	0.631	0.634	6.7	
Tert butyl alcohol		0.109	0.075	0.073	0.071	0.071	0.080	20.5	
1,1-Dichloroethene	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.7	
Acrolein		0.135	0.130	0.139	0.133	0.134	0.134	2.3	
Acrylonitrile	0.208	0.321	0.317	0.329	0.305	0.302	0.297	15.2	
Acetone	0.268	0.267	0.246	0.252	0.232	0.231	0.250	6.5	
Carbon Disulfide	1.633	1.926	1.823	1.936	1.783	1.805	1.818	6.1	
Methyl tert-butyl Ether	1.640	2.011	1.960	2.055	1.891	1.916	1.912	7.6	
Methyl Acetate	0.657	0.686	0.636	0.688	0.651	0.662	0.663	3.1	
Methylene Chloride	0.635	0.751	0.708	0.722	0.653	0.651	0.686	6.8	
trans-1,2-Dichloroethene	0.531	0.701	0.667	0.695	0.632	0.632	0.643	9.7	
Vinyl Acetate	1.333	1.804	1.858	1.940	1.792	1.782	1.752	12.2	
1,1-Dichloroethane	1.044	1.327	1.245	1.300	1.177	1.193	1.214	8.4	
Cyclohexane		1.221	1.187	1.215	1.099	1.101	1.164	5.2	
2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.8	
Carbon Tetrachloride	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.4	
2,2-Dichloropropane	0.874	1.011	0.928	0.979	0.912	0.937	0.940	5.2	
cis-1,2-Dichloroethene	0.670	0.832	0.777	0.807	0.739	0.744	0.761	7.6	
Bromochloromethane	0.457	0.608	0.568	0.609	0.559	0.550	0.559	9.9	
Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.2	
1,1,1-Trichloroethane	0.961	1.156	1.101	1.127	1.041	1.057	1.074	6.5	
Methylcyclohexane	0.583	0.693	0.674	0.699	0.640	0.653	0.657	6.5	
1,1-Dichloropropene	0.576	0.527	0.528	0.547	0.484	0.495	0.526	6.3	

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



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG No.: Q2812
 Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX047055.D		RRF005 = VX047056.D		RRF020 = VX047057.D			
		RRF050 = VX047058.D		RRF100 = VX047059.D		RRF150 = VX047060.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.4	
1,2-Dichloroethane	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.5	
Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.5	
1,2-Dichloropropane	0.334	0.419	0.393	0.408	0.363	0.371	0.381	8.2	
Dibromomethane	0.204	0.304	0.275	0.294	0.261	0.267	0.267	13.2	
Bromodichloromethane	0.494	0.626	0.579	0.617	0.543	0.557	0.569	8.7	
4-Methyl-2-Pentanone	0.371	0.477	0.470	0.497	0.440	0.440	0.449	9.8	
Toluene	0.762	1.047	0.987	1.017	0.896	0.910	0.936	11.1	
t-1,3-Dichloropropene	0.429	0.549	0.546	0.592	0.548	0.562	0.538	10.4	
cis-1,3-Dichloropropene	0.442	0.611	0.618	0.653	0.593	0.614	0.588	12.6	
1,1,2-Trichloroethane	0.300	0.391	0.373	0.376	0.332	0.335	0.351	9.9	
1,3-Dichloropropane	0.530	0.687	0.639	0.653	0.576	0.577	0.610	9.6	
2-Chloroethyl Vinyl ether	0.189	0.360	0.271	0.323	0.296	0.297	0.289	19.9	
2-Hexanone	0.192	0.312	0.324	0.343	0.305	0.304	0.297	17.9	
Dibromochloromethane	0.343	0.449	0.428	0.444	0.398	0.409	0.412	9.4	
1,2-Dibromoethane	0.334	0.398	0.377	0.395	0.349	0.351	0.367	7.3	
Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.6	
Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.2	
1,1,1,2-Tetrachloroethane	0.354	0.415	0.404	0.419	0.381	0.392	0.394	6.2	
Hexachloroethane	0.519	0.601	0.603	0.655	0.619	0.640	0.606	7.8	
Ethyl Benzene	1.814	2.189	2.119	2.204	1.975	1.987	2.048	7.4	
m/p-Xylenes	0.693	0.827	0.795	0.818	0.734	0.732	0.766	7.1	
o-Xylene	0.586	0.820	0.769	0.785	0.704	0.711	0.729	11.4	
Styrene	1.024	1.356	1.332	1.361	1.209	1.219	1.250	10.4	
Bromoform	0.257	0.323	0.302	0.325	0.292	0.299	0.300	8.2	
Isopropylbenzene	3.180	4.148	4.146	4.309	3.907	3.979	3.945	10.2	
1,1,2,2-Tetrachloroethane	0.979	1.203	1.182	1.210	1.085	1.103	1.127	7.9	
1,2,3-Trichloropropane	0.753	1.027	0.956	0.991	0.904	0.923	0.925	10.3	
Bromobenzene	0.796	0.997	0.997	1.017	0.925	0.945	0.946	8.6	
n-propylbenzene	3.796	5.061	4.947	5.118	4.618	4.743	4.714	10.4	

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



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG No.: Q2812
 Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX047055.D		RRF005 = VX047056.D		RRF020 = VX047057.D			
		RRF050 = VX047058.D		RRF100 = VX047059.D		RRF150 = VX047060.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
2-Chlorotoluene	2.428	3.036	2.895	3.029	2.730	2.789	2.818	8.1	
1,3,5-Trimethylbenzene	2.639	3.508	3.437	3.523	3.181	3.265	3.259	10.2	
4-Chlorotoluene	2.721	3.585	3.445	3.569	3.183	3.232	3.289	9.9	
tert-Butylbenzene	2.745	3.433	3.364	3.586	3.198	3.299	3.271	8.8	
1,2,4-Trimethylbenzene	2.502	3.544	3.415	3.577	3.197	3.269	3.251	12.2	
sec-Butylbenzene	3.328	4.476	4.269	4.398	3.993	4.056	4.087	10.2	
p-Isopropyltoluene	2.626	3.699	3.570	3.704	3.334	3.402	3.389	11.9	
1,3-Dichlorobenzene	1.562	1.968	1.869	1.908	1.704	1.776	1.798	8.3	
1,4-Dichlorobenzene	1.659	1.982	1.903	1.893	1.723	1.767	1.821	6.8	
n-Butylbenzene	2.645	3.317	3.324	3.456	3.141	3.187	3.178	8.9	
1,2-Dichlorobenzene	1.533	1.873	1.764	1.824	1.625	1.691	1.718	7.4	
1,2-Dibromo-3-Chloropropane	0.140	0.223	0.223	0.239	0.231	0.242	0.216	17.6	
1,2,4-Trichlorobenzene	0.919	1.189	1.159	1.224	1.144	1.176	1.135	9.6	
Hexachlorobutadiene	0.334	0.396	0.407	0.406	0.392	0.382	0.386	7	
Naphthalene	2.370	3.231	3.425	3.753	3.499	3.691	3.328	15.2	
1,2,3-Trichlorobenzene	0.925	1.120	1.117	1.172	1.102	1.126	1.094	7.9	
1,2-Dichloroethane-d4		0.768	0.511	0.575	0.611	0.649	0.623	15.4	
Dibromofluoromethane		0.355	0.262	0.296	0.302	0.328	0.309	11.3	
Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.8	
4-Bromofluorobenzene		0.514	0.369	0.409	0.417	0.445	0.431	12.5	

* 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.

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X072125W.M
 Title : SW846 8260
 Last Update : Tue Jul 22 03:59:51 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX047055.D 5 =VX047056.D 20 =VX047057.D 50 =VX047058.D 100 =VX047059.D 150 =VX047060.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.516	0.640	0.610	0.768	0.721	0.729	0.664	14.06
3) P	Chloromethane	0.582	0.668	0.626	0.699	0.667	0.701	0.657	7.01
4) C	Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.67#
5) T	Bromomethane		0.408	0.400	0.448	0.353	0.309	0.384	13.95
6) T	Chloroethane	0.547	0.482	0.436	0.470	0.423	0.424	0.464	10.27
7) T	Trichlorofluor...	0.853	1.123	1.058	1.158	1.054	1.071	1.053	10.08
8) T	Diethyl Ether	0.329	0.395	0.376	0.390	0.367	0.370	0.371	6.26
9) T	1,1,2-Trichlor...	0.558	0.671	0.646	0.675	0.627	0.631	0.634	6.70
10) T	Methyl Iodide		0.476	0.552	0.727	0.718	0.760	0.647	19.34
11) T	Tert butyl alc...		0.109	0.075	0.073	0.071	0.071	0.080	20.51
12) CM	1,1-Dichloroet...	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.66#
13) T	Acrolein		0.135	0.130	0.139	0.133	0.134	0.134	2.33
14) T	Allyl chloride	0.941	1.191	1.162	1.239	1.139	1.143	1.136	9.00
15) T	Acrylonitrile	0.208	0.321	0.317	0.329	0.305	0.302	0.297	15.15
16) T	Acetone	0.268	0.267	0.246	0.252	0.232	0.231	0.250	6.53
17) T	Carbon Disulfide	1.633	1.926	1.823	1.936	1.783	1.805	1.818	6.09
18) T	Methyl Acetate	0.657	0.686	0.636	0.688	0.651	0.662	0.663	3.05
19) T	Methyl tert-bu...	1.640	2.011	1.960	2.055	1.891	1.916	1.912	7.64
20) T	Methylene Chlo...	0.635	0.751	0.708	0.722	0.653	0.651	0.686	6.83
21) T	trans-1,2-Dich...	0.531	0.701	0.667	0.695	0.632	0.632	0.643	9.69
22) T	Diisopropyl ether	1.808	2.393	2.289	2.362	2.126	2.124	2.184	9.93
23) T	Vinyl Acetate	1.333	1.804	1.858	1.940	1.792	1.782	1.752	12.18
24) P	1,1-Dichloroet...	1.044	1.327	1.245	1.300	1.177	1.193	1.214	8.40
25) T	2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.85
26) T	2,2-Dichloropr...	0.874	1.011	0.928	0.979	0.912	0.937	0.940	5.20
27) T	cis-1,2-Dichlo...	0.670	0.832	0.777	0.807	0.739	0.744	0.761	7.56
28) T	Bromochloromet...	0.457	0.608	0.568	0.609	0.559	0.550	0.559	9.95
29) T	Tetrahydrofuran	0.182	0.250	0.244	0.256	0.238	0.236	0.234	11.35
30) C	Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.22#
31) T	Cyclohexane		1.221	1.187	1.215	1.099	1.101	1.164	5.19
32) T	1,1,1-Trichlor...	0.961	1.156	1.101	1.127	1.041	1.057	1.074	6.49
33) S	1,2-Dichloroet...		0.768	0.511	0.575	0.611	0.649	0.623	15.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.355	0.262	0.296	0.302	0.328	0.309	11.30
36) T	1,1-Dichloropr...	0.576	0.527	0.528	0.547	0.484	0.495	0.526	6.34
37) T	Ethyl Acetate	0.496	0.537	0.438	0.511	0.462	0.466	0.485	7.48
38) T	Carbon Tetrach...	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.35
39) T	Methylcyclohexane	0.583	0.693	0.674	0.699	0.640	0.653	0.657	6.46
40) TM	Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.41
41) T	Methacrylonitrile	0.186	0.259	0.258	0.292	0.265	0.262	0.254	13.95
42) TM	1,2-Dichloroet...	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.46
43) T	Isopropyl Acetate	0.527	0.792	0.786	0.850	0.779	0.802	0.756	15.22
44) TM	Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.51
45) C	1,2-Dichloropr...	0.334	0.419	0.393	0.408	0.363	0.371	0.381	8.25#
46) T	Dibromomethane	0.204	0.304	0.275	0.294	0.261	0.267	0.267	13.17
47) T	Bromodichlorom...	0.494	0.626	0.579	0.617	0.543	0.557	0.569	8.68
48) T	Methyl methacr...	0.418	0.400	0.397	0.440	0.404	0.413	0.412	3.83
49) T	1,4-Dioxane	0.003	0.005	0.005	0.005	0.005	0.005	0.005	17.78
50) S	Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.79
51) T	4-Methyl-2-Pen...	0.371	0.477	0.470	0.497	0.440	0.440	0.449	9.81
52) CM	Toluene	0.762	1.047	0.987	1.017	0.896	0.910	0.936	11.12#
53) T	t-1,3-Dichloro...	0.429	0.549	0.546	0.592	0.548	0.562	0.538	10.42
54) T	cis-1,3-Dichlo...	0.442	0.611	0.618	0.653	0.593	0.614	0.588	12.62
55) T	1,1,2-Trichlor...	0.300	0.391	0.373	0.376	0.332	0.335	0.351	9.87
56) T	Ethyl methacry...	0.342	0.527	0.556	0.596	0.544	0.555	0.520	17.35

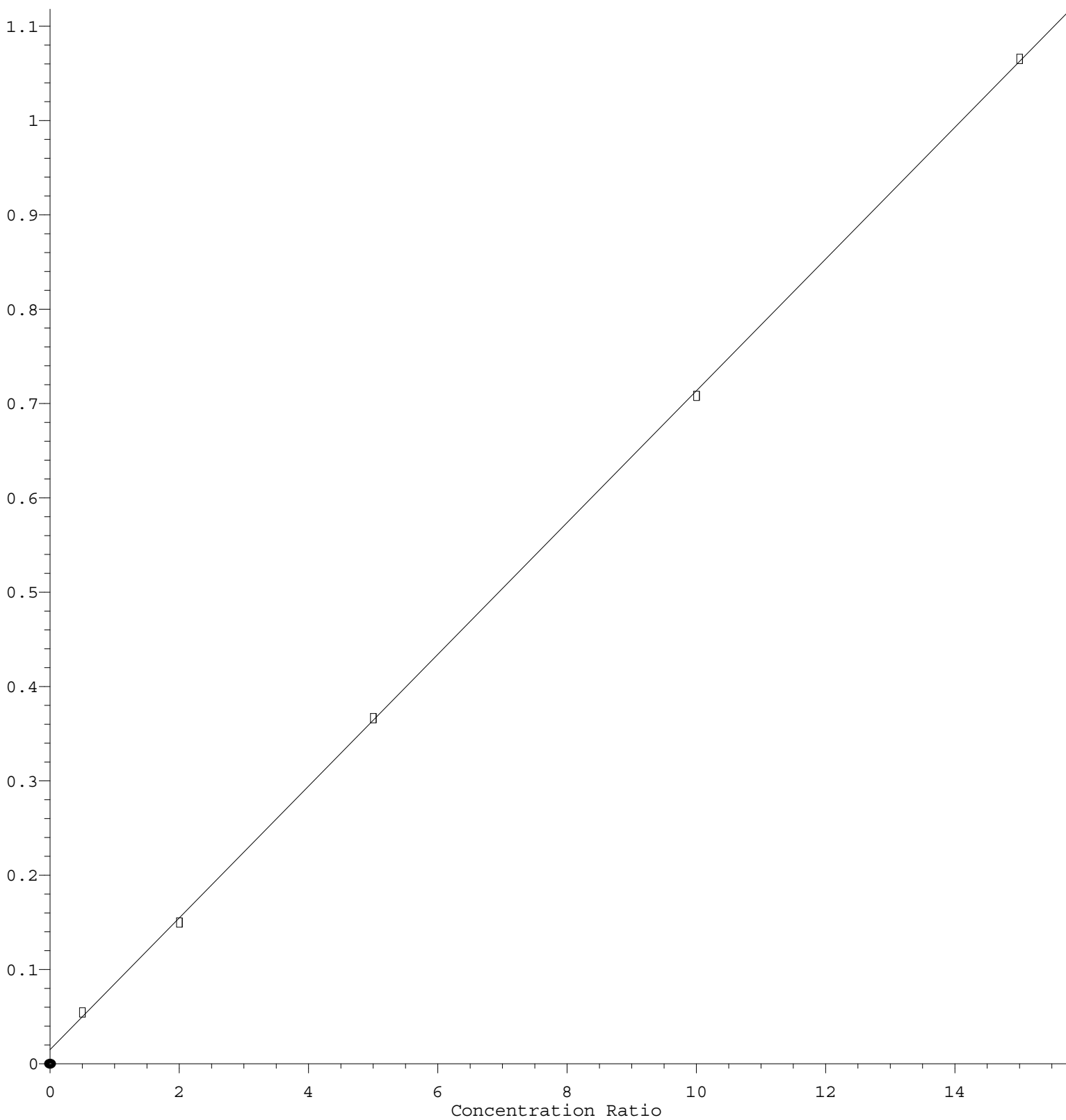
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X072125W.M

57)	T	1,3-Dichloropr...	0.530	0.687	0.639	0.653	0.576	0.577	0.610	9.62
58)	T	2-Chloroethyl ...	0.189	0.360	0.271	0.323	0.296	0.297	0.289	19.88
59)	T	2-Hexanone	0.192	0.312	0.324	0.343	0.305	0.304	0.297	17.93
60)	T	Dibromochlorom...	0.343	0.449	0.428	0.444	0.398	0.409	0.412	9.45
61)	T	1,2-Dibromoethane	0.334	0.398	0.377	0.395	0.349	0.351	0.367	7.28
62)	S	4-Bromofluorob...	0.514	0.369	0.409	0.417	0.445	0.431	12.53	
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.62
65)	PM	Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.24
66)	T	1,1,1,2-Tetrac...	0.354	0.415	0.404	0.419	0.381	0.392	0.394	6.20
67)	C	Ethyl Benzene	1.814	2.189	2.119	2.204	1.975	1.987	2.048	7.35#
68)	T	m/p-Xylenes	0.693	0.827	0.795	0.818	0.734	0.732	0.766	7.07
69)	T	o-Xylene	0.586	0.820	0.769	0.785	0.704	0.711	0.729	11.38
70)	T	Styrene	1.024	1.356	1.332	1.361	1.209	1.219	1.250	10.38
71)	P	Bromoform	0.257	0.323	0.302	0.325	0.292	0.299	0.300	8.23
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.180	4.148	4.146	4.309	3.907	3.979	3.945	10.16
74)	T	N-amyl acetate	1.260	1.501	1.617	1.784	1.658	1.729	1.592	11.89
75)	P	1,1,2,2-Tetrac...	0.979	1.203	1.182	1.210	1.085	1.103	1.127	7.93
76)	T	1,2,3-Trichlor...	0.753	1.027	0.956	0.991	0.904	0.923	0.925	10.32
77)	T	Bromobenzene	0.796	0.997	0.997	1.017	0.925	0.945	0.946	8.58
78)	T	n-propylbenzene	3.796	5.061	4.947	5.118	4.618	4.743	4.714	10.36
79)	T	2-Chlorotoluene	2.428	3.036	2.895	3.029	2.730	2.789	2.818	8.07
80)	T	1,3,5-Trimethy...	2.639	3.508	3.437	3.523	3.181	3.265	3.259	10.22
81)	T	trans-1,4-Dich...	0.301	0.331	0.391	0.375	0.398	0.359	11.62	
82)	T	4-Chlorotoluene	2.721	3.585	3.445	3.569	3.183	3.232	3.289	9.88
83)	T	tert-Butylbenzene	2.745	3.433	3.364	3.586	3.198	3.299	3.271	8.83
84)	T	1,2,4-Trimethy...	2.502	3.544	3.415	3.577	3.197	3.269	3.251	12.17
85)	T	sec-Butylbenzene	3.328	4.476	4.269	4.398	3.993	4.056	4.087	10.19
86)	T	p-Isopropyltol...	2.626	3.699	3.570	3.704	3.334	3.402	3.389	11.90
87)	T	1,3-Dichlorobe...	1.562	1.968	1.869	1.908	1.704	1.776	1.798	8.30
88)	T	1,4-Dichlorobe...	1.659	1.982	1.903	1.893	1.723	1.767	1.821	6.79
89)	T	n-Butylbenzene	2.645	3.317	3.324	3.456	3.141	3.187	3.178	8.94
90)	T	Hexachloroethane	0.519	0.601	0.603	0.655	0.619	0.640	0.606	7.84
91)	T	1,2-Dichlorobe...	1.533	1.873	1.764	1.824	1.625	1.691	1.718	7.40
92)	T	1,2-Dibromo-3-...	0.140	0.223	0.223	0.239	0.231	0.242	0.216	17.61
93)	T	1,2,4-Trichlor...	0.919	1.189	1.159	1.224	1.144	1.176	1.135	9.64
94)	T	Hexachlorobuta...	0.334	0.396	0.407	0.406	0.392	0.382	0.386	6.99
95)	T	Naphthalene	2.369	3.231	3.425	3.753	3.499	3.691	3.328	15.20
96)	T	1,2,3-Trichlor...	0.925	1.120	1.117	1.172	1.102	1.126	1.094	7.87

(#) = Out of Range

Tert butyl alcohol

Response Ratio



$$\text{Response} = 6.981\text{e-}002 * \text{Amt} + 1.498\text{e-}002$$

Coef of Det (r^2) = 0.999878 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X072125W.M

Calibration Table Last Updated: Tue Jul 22 03:59:51 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047055.D
 Acq On : 21 Jul 2025 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	337975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	582229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266871	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	1.185	85	3490	0.777	ug/l	87
3) Chloromethane	1.307	50	3931	0.885	ug/l #	86
4) Vinyl Chloride	1.392	62	3909	0.819	ug/l	94
6) Chloroethane	1.709	64	3698	1.180	ug/l	95
7) Trichlorofluoromethane	1.910	101	5767	0.810	ug/l	91
8) Diethyl Ether	2.154	74	2227	0.887	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	3769	0.879	ug/l	98
12) 1,1-Dichloroethene	2.343	96	3739	0.880	ug/l	94
14) Allyl chloride	2.684	41	6361	0.829	ug/l	86
15) Acrylonitrile	3.087	53	7013	3.493	ug/l	86
16) Acetone	2.392	43	9071	5.378	ug/l #	88
17) Carbon Disulfide	2.532	76	11039	0.898	ug/l #	91
18) Methyl Acetate	2.715	43	4440	0.991	ug/l #	68
19) Methyl tert-butyl Ether	3.130	73	11087	0.858	ug/l	98
20) Methylene Chloride	2.800	84	4289	0.924	ug/l #	91
21) trans-1,2-Dichloroethene	3.111	96	3590	0.826	ug/l #	92
22) Diisopropyl ether	3.776	45	12222	0.828	ug/l	92
23) Vinyl Acetate	3.739	43	45048	3.805	ug/l	100
24) 1,1-Dichloroethane	3.629	63	7054	0.859	ug/l #	94
25) 2-Butanone	4.617	43	10725	4.367	ug/l	99
26) 2,2-Dichloropropane	4.495	77	5905	0.929	ug/l	88
27) cis-1,2-Dichloroethene	4.501	96	4527	0.880	ug/l	84
28) Bromochloromethane	4.916	49	3092	0.819	ug/l #	98
29) Tetrahydrofuran	5.032	42	6164	3.890	ug/l #	87
30) Chloroform	5.111	83	7976	0.955	ug/l	86
32) 1,1,1-Trichloroethane	5.397	97	6496	0.895	ug/l #	51
36) 1,1-Dichloropropene	5.708	75	6705	1.094	ug/l #	87
37) Ethyl Acetate	4.751	43	5770m	1.068	ug/l	
38) Carbon Tetrachloride	5.696	117	6120	0.936	ug/l	96
39) Methylcyclohexane	7.379	83	6794	0.888	ug/l	90
40) Benzene	6.050	78	15450	0.871	ug/l	91
41) Methacrylonitrile	4.971	41	2166	0.734	ug/l #	74
42) 1,2-Dichloroethane	6.105	62	5449	0.872	ug/l	98
43) Isopropyl Acetate	6.367	43	6134	0.697	ug/l #	94
44) Trichloroethene	7.147	130	4075	0.896	ug/l	62
45) 1,2-Dichloropropane	7.440	63	3895	0.877	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047055.D
 Acq On : 21 Jul 2025 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2372	0.762	ug/l	88
47) Bromodichloromethane	7.830	83	5749	0.867	ug/l #	87
48) Methyl methacrylate	7.714	41	4863m	1.014	ug/l	
49) 1,4-Dioxane	7.684	88	700m	12.834	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	21616	4.131	ug/l	95
52) Toluene	8.726	92	8872	0.814	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	4993	0.798	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	5149	0.751	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	3490	0.853	ug/l #	88
56) Ethyl methacrylate	9.128	69	3978	0.657	ug/l	91
57) 1,3-Dichloropropane	9.311	76	6170	0.868	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.251	63	11010	3.268	ug/l	98
59) 2-Hexanone	9.439	43	11200	3.240	ug/l	87
60) Dibromochloromethane	9.525	129	3998	0.834	ug/l	91
61) 1,2-Dibromoethane	9.616	107	3885	0.909	ug/l	98
64) Tetrachloroethene	9.275	164	3363	0.892	ug/l #	90
65) Chlorobenzene	10.080	112	10754	0.878	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	3699	0.897	ug/l #	64
67) Ethyl Benzene	10.195	91	18959	0.886	ug/l	100
68) m/p-Xylenes	10.299	106	14496	1.809	ug/l	94
69) o-Xylene	10.640	106	6125	0.804	ug/l	91
70) Styrene	10.659	104	10704	0.819	ug/l	93
71) Bromoform	10.799	173	2687	0.858	ug/l #	97
73) Isopropylbenzene	10.964	105	16971	0.806	ug/l	100
74) N-amyl acetate	10.848	43	6726m	0.801	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.213	83	5223	0.868	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	4019m	0.814	ug/l	
77) Bromobenzene	11.201	156	4251	0.842	ug/l	94
78) n-propylbenzene	11.305	91	20259	0.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	12959	0.862	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	14083	0.810	ug/l	98
82) 4-Chlorotoluene	11.457	91	14521	0.827	ug/l	97
83) tert-Butylbenzene	11.713	119	14652	0.839	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	13354	0.770	ug/l	98
85) sec-Butylbenzene	11.890	105	17765	0.814	ug/l	95
86) p-Isopropyltoluene	12.006	119	14016	0.775	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	8335	0.869	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	8857m	0.911	ug/l	
89) n-Butylbenzene	12.329	91	14116	0.832	ug/l	95
90) Hexachloroethane	12.536	117	2772	0.857	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	8184	0.892	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	749	0.649	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	4906	0.810	ug/l	98
94) Hexachlorobutadiene	13.725	225	1785	0.866	ug/l	98
95) Naphthalene	13.780	128	12647	0.712	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4936	0.846	ug/l	95

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

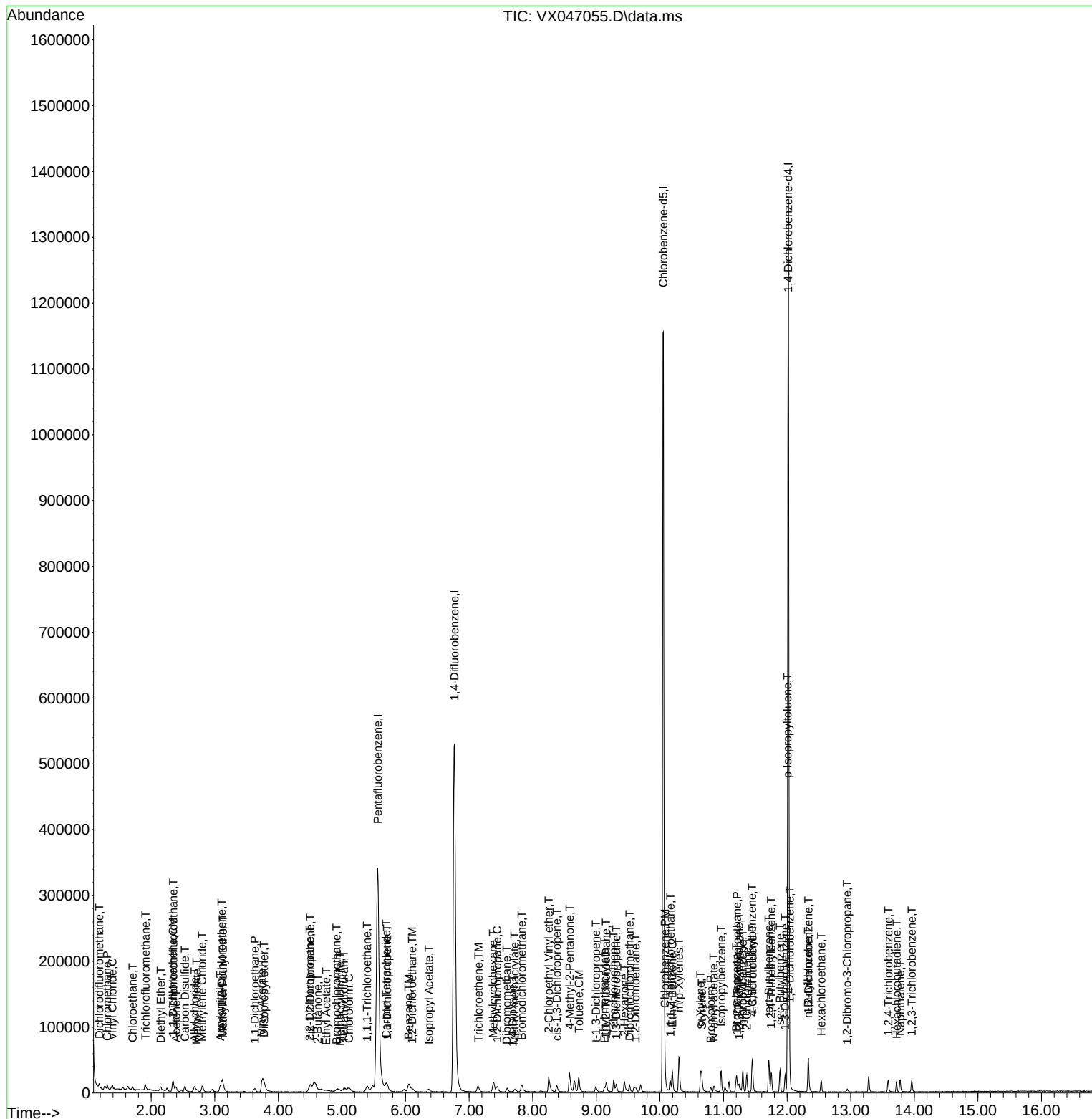
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047056.D
 Acq On : 21 Jul 2025 10:08
 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 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	319458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	542097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	24550	6.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.340%#		
35) Dibromofluoromethane	5.403	113	19243	5.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.500%#		
50) Toluene-d8	8.652	98	70081	6.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	12.940%#		
62) 4-Bromofluorobenzene	11.079	95	27880	5.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.940%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	20453	4.820	ug/l	95
3) Chloromethane	1.306	50	21331	5.082	ug/l	97
4) Vinyl Chloride	1.385	62	23623	5.236	ug/l	100
5) Bromomethane	1.617	94	13048	5.324	ug/l	88
6) Chloroethane	1.702	64	15411	5.200	ug/l	98
7) Trichlorofluoromethane	1.904	101	35886	5.334	ug/l	96
8) Diethyl Ether	2.148	74	12607	5.315	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	21422	5.285	ug/l	98
10) Methyl Iodide	2.471	142	15201	3.680	ug/l	93
11) Tert butyl alcohol	2.964	59	17392	28.263	ug/l #	92
12) 1,1-Dichloroethene	2.337	96	21053	5.244	ug/l	91
13) Acrolein	2.251	56	21604	25.213	ug/l	99
14) Allyl chloride	2.678	41	38039	5.242	ug/l	99
15) Acrylonitrile	3.074	53	51340	27.051	ug/l	100
16) Acetone	2.391	43	42718	26.796	ug/l	99
17) Carbon Disulfide	2.526	76	61522	5.297	ug/l	100
18) Methyl Acetate	2.721	43	21905	5.171	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	64256	5.259	ug/l	96
20) Methylene Chloride	2.806	84	23989	5.470	ug/l	93
21) trans-1,2-Dichloroethene	3.111	96	22396	5.451	ug/l	96
22) Diisopropyl ether	3.775	45	76458	5.480	ug/l	97
23) Vinyl Acetate	3.739	43	288230	25.756	ug/l	100
24) 1,1-Dichloroethane	3.623	63	42402	5.465	ug/l	96
25) 2-Butanone	4.574	43	60022	25.858	ug/l	97
26) 2,2-Dichloropropane	4.489	77	32298	5.378	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	26579	5.463	ug/l	98
28) Bromochloromethane	4.921	49	19435	5.445	ug/l	96
29) Tetrahydrofuran	5.031	42	39885	26.631	ug/l	96
30) Chloroform	5.110	83	43336	5.487	ug/l	93
31) Cyclohexane	5.482	56	38990	5.241	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	36920	5.382	ug/l	98
36) 1,1-Dichloropropene	5.702	75	28590	5.011	ug/l	98
37) Ethyl Acetate	4.739	43	29112m	5.790	ug/l	
38) Carbon Tetrachloride	5.690	117	33199	5.452	ug/l	97
39) Methylcyclohexane	7.384	83	37547	5.271	ug/l	95
40) Benzene	6.049	78	89797	5.438	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047056.D
 Acq On : 21 Jul 2025 10:08
 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 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	14018	5.100	ug/l	98
42) 1,2-Dichloroethane	6.092	62	31844	5.475	ug/l	96
43) Isopropyl Acetate	6.354	43	42946	5.240	ug/l	95
44) Trichloroethene	7.134	130	23153	5.468	ug/l	81
45) 1,2-Dichloropropane	7.439	63	22722	5.494	ug/l	93
46) Dibromomethane	7.592	93	16479	5.682	ug/l	97
47) Bromodichloromethane	7.823	83	33939	5.498	ug/l	99
48) Methyl methacrylate	7.701	41	21660	4.851	ug/l	99
49) 1,4-Dioxane	7.671	88	5549	109.271	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	129413	26.565	ug/l	97
52) Toluene	8.720	92	56775	5.592	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29776	5.108	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	33127	5.193	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	21223	5.574	ug/l	97
56) Ethyl methacrylate	9.116	69	28587	5.072	ug/l	96
57) 1,3-Dichloropropane	9.311	76	37251	5.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	97443	31.066	ug/l	98
59) 2-Hexanone	9.433	43	84572	26.276	ug/l	99
60) Dibromochloromethane	9.518	129	24354	5.454	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21578	5.420	ug/l	98
64) Tetrachloroethene	9.274	164	19701	5.592	ug/l	96
65) Chlorobenzene	10.079	112	63268	5.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	20300	5.267	ug/l	99
67) Ethyl Benzene	10.195	91	106984	5.345	ug/l	96
68) m/p-Xylenes	10.299	106	80835	10.791	ug/l	99
69) o-Xylene	10.640	106	40071	5.623	ug/l	94
70) Styrene	10.658	104	66283	5.424	ug/l	100
71) Bromoform	10.798	173	15763	5.384	ug/l #	97
73) Isopropylbenzene	10.963	105	102157	5.257	ug/l	97
74) N-amyl acetate	10.841	43	36965	4.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29627	5.338	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	25285m	5.546	ug/l	
77) Bromobenzene	11.195	156	24549	5.267	ug/l	95
78) n-propylbenzene	11.304	91	124648	5.368	ug/l	100
79) 2-Chlorotoluene	11.365	91	74781	5.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86414	5.383	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7407	4.186	ug/l	86
82) 4-Chlorotoluene	11.457	91	88304	5.450	ug/l	99
83) tert-Butylbenzene	11.713	119	84560	5.248	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	87289	5.451	ug/l	99
85) sec-Butylbenzene	11.890	105	110255	5.477	ug/l	100
86) p-Isopropyltoluene	12.006	119	91112	5.457	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	48466	5.473	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48817	5.441	ug/l	95
89) n-Butylbenzene	12.329	91	81710	5.219	ug/l	99
90) Hexachloroethane	12.536	117	14794	4.953	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46129	5.450	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	5485	5.148	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29296	5.239	ug/l	99
94) Hexachlorobutadiene	13.719	225	9742	5.122	ug/l	91
95) Naphthalene	13.774	128	79568	4.854	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	27584	5.120	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

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

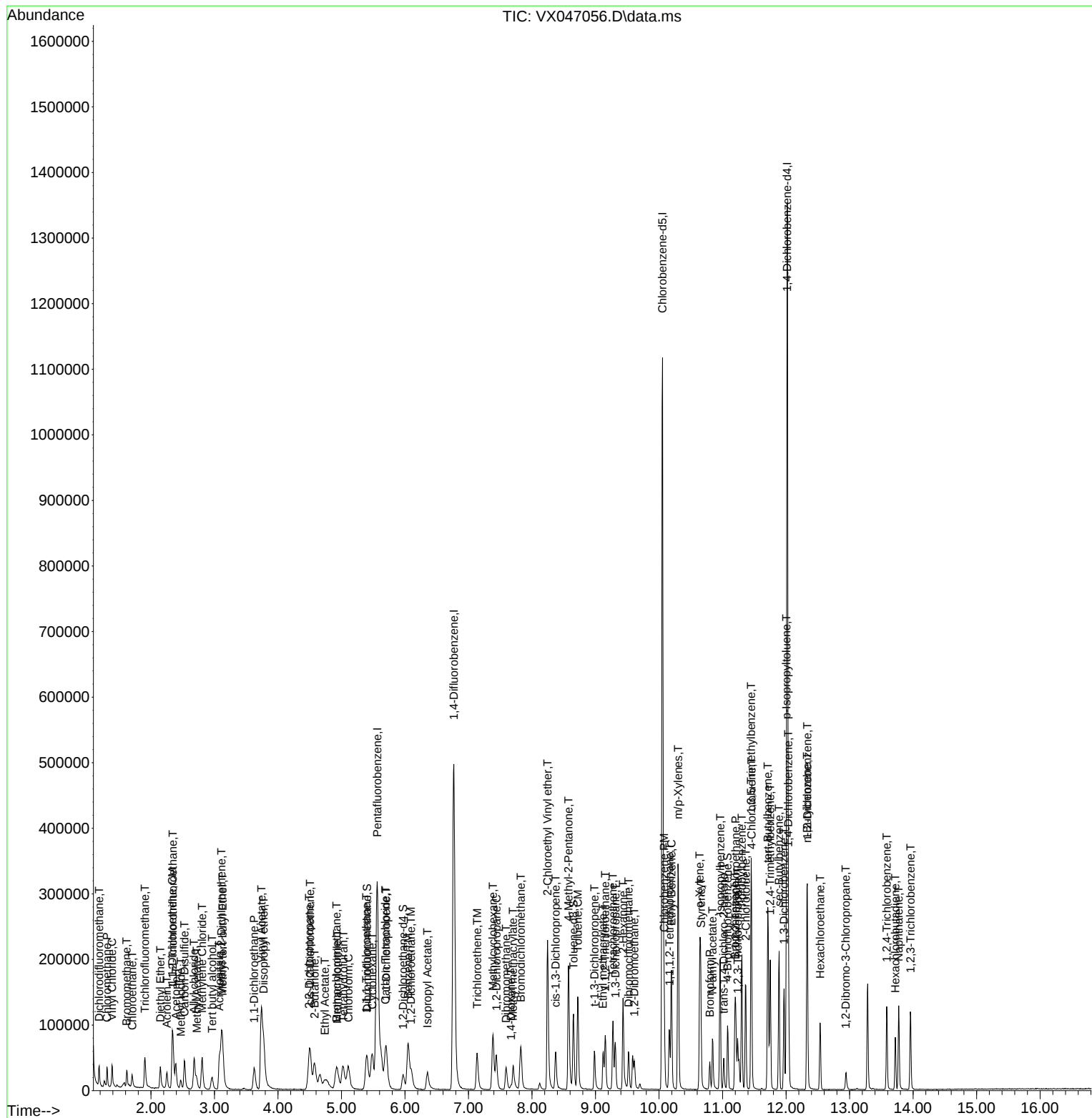
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On    : 21 Jul 2025  10:08
Operator  : JC/MD
Sample    : VSTDICC005
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047057.D
 Acq On : 21 Jul 2025 10:29
 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 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:37:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	320913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	544303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65541	16.395	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.800%#		
35) Dibromofluoromethane	5.397	113	57105	16.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.980%#		
50) Toluene-d8	8.653	98	178825	16.431	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.860%#		
62) 4-Bromofluorobenzene	11.079	95	80359	17.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.260%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	78327	18.376	ug/l	99
3) Chloromethane	1.306	50	80305	19.046	ug/l	98
4) Vinyl Chloride	1.386	62	89887	19.832	ug/l	96
5) Bromomethane	1.617	94	51290	20.832	ug/l	92
6) Chloroethane	1.703	64	55955	18.797	ug/l	99
7) Trichlorofluoromethane	1.904	101	135815	20.095	ug/l	98
8) Diethyl Ether	2.148	74	48319	20.277	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	82864	20.350	ug/l	100
10) Methyl Iodide	2.465	142	70850	17.073	ug/l	98
11) Tert butyl alcohol	2.959	59	48048	96.502	ug/l	98
12) 1,1-Dichloroethene	2.337	96	81489	20.206	ug/l	96
13) Acrolein	2.245	56	83483	96.989	ug/l	97
14) Allyl chloride	2.678	41	149196	20.465	ug/l	99
15) Acrylonitrile	3.074	53	203243	106.603	ug/l	100
16) Acetone	2.385	43	157932	98.619	ug/l	97
17) Carbon Disulfide	2.526	76	234036	20.059	ug/l	99
18) Methyl Acetate	2.715	43	81624	19.180	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	251581	20.497	ug/l	99
20) Methylene Chloride	2.806	84	90849	20.621	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	85583	20.738	ug/l	97
22) Diisopropyl ether	3.769	45	293875	20.967	ug/l	91
23) Vinyl Acetate	3.733	43	1192633	106.090	ug/l	99
24) 1,1-Dichloroethane	3.623	63	159828	20.507	ug/l	99
25) 2-Butanone	4.568	43	238246	102.172	ug/l	97
26) 2,2-Dichloropropane	4.495	77	119113	19.743	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	99794	20.420	ug/l	99
28) Bromochloromethane	4.909	49	72912	20.334	ug/l	97
29) Tetrahydrofuran	5.019	42	156819	104.232	ug/l	100
30) Chloroform	5.104	83	160698	20.255	ug/l	100
31) Cyclohexane	5.482	56	152430	20.397	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	141289	20.503	ug/l	100
36) 1,1-Dichloropropene	5.702	75	114925	20.062	ug/l	99
37) Ethyl Acetate	4.726	43	95455	18.907	ug/l	99
38) Carbon Tetrachloride	5.684	117	123204	20.150	ug/l	99
39) Methylcyclohexane	7.385	83	146762	20.519	ug/l	99
40) Benzene	6.049	78	342454	20.656	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047057.D
 Acq On : 21 Jul 2025 10:29
 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 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:37:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	56166	20.350	ug/l	95
42) 1,2-Dichloroethane	6.098	62	121515	20.808	ug/l	98
43) Isopropyl Acetate	6.342	43	171186	20.802	ug/l	99
44) Trichloroethene	7.128	130	85446	20.099	ug/l	98
45) 1,2-Dichloropropane	7.433	63	85547	20.603	ug/l	94
46) Dibromomethane	7.586	93	59949	20.588	ug/l	99
47) Bromodichloromethane	7.824	83	126091	20.345	ug/l	99
48) Methyl methacrylate	7.695	41	86386	19.269	ug/l	97
49) 1,4-Dioxane	7.665	88	21524	422.133	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	511307	104.532	ug/l	99
52) Toluene	8.720	92	214955	21.087	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	118872	20.311	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	134587	21.011	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	81137	21.224	ug/l	98
56) Ethyl methacrylate	9.116	69	121053	21.389	ug/l	98
57) 1,3-Dichloropropane	9.311	76	139031	20.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	294878	93.631	ug/l	100
59) 2-Hexanone	9.427	43	352298	109.015	ug/l	97
60) Dibromochloromethane	9.518	129	93165	20.779	ug/l	100
61) 1,2-Dibromoethane	9.610	107	82035	20.522	ug/l	99
64) Tetrachloroethene	9.274	164	74177	21.147	ug/l	95
65) Chlorobenzene	10.079	112	238428	20.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	78682	20.502	ug/l	98
67) Ethyl Benzene	10.195	91	412412	20.693	ug/l	99
68) m/p-Xylenes	10.299	106	309353	41.478	ug/l	98
69) o-Xylene	10.640	106	149592	21.083	ug/l	100
70) Styrene	10.652	104	259267	21.310	ug/l	100
71) Bromoform	10.799	173	58699	20.135	ug/l #	100
73) Isopropylbenzene	10.963	105	399077	21.021	ug/l	100
74) N-amyl acetate	10.841	43	155675	20.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	113741	20.975	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92003m	20.656	ug/l	
77) Bromobenzene	11.195	156	95957	21.073	ug/l	97
78) n-propylbenzene	11.298	91	476196	20.991	ug/l	100
79) 2-Chlorotoluene	11.359	91	278615	20.545	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	330824	21.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31878	18.440	ug/l	94
82) 4-Chlorotoluene	11.451	91	331629	20.951	ug/l	99
83) tert-Butylbenzene	11.713	119	323819	20.571	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	328672	21.010	ug/l	100
85) sec-Butylbenzene	11.890	105	410930	20.892	ug/l	99
86) p-Isopropyltoluene	12.006	119	343591	21.065	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	179867	20.789	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	183173	20.897	ug/l	98
89) n-Butylbenzene	12.329	91	319940	20.916	ug/l	98
90) Hexachloroethane	12.536	117	58057	19.896	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	169749	20.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21427	20.585	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	111525	20.413	ug/l	99
94) Hexachlorobutadiene	13.719	225	39186	21.090	ug/l	96
95) Naphthalene	13.774	128	329630	20.581	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	107542	20.432	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

[illegible]

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047058.D
 Acq On : 21 Jul 2025 10:50
 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 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	309883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	516282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	223799	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	178313	46.193	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.380%
35) Dibromofluoromethane	5.397	113	152747	47.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	8.652	98	477108	46.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	211198	47.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.940%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.184	85	238090	57.844	ug/l	100
3) Chloromethane	1.306	50	216682	53.219	ug/l	100
4) Vinyl Chloride	1.386	62	241663	55.216	ug/l	100
5) Bromomethane	1.617	94	138734	58.354	ug/l	100
6) Chloroethane	1.703	64	145779	50.714	ug/l	100
7) Trichlorofluoromethane	1.904	101	358904	54.994	ug/l	100
8) Diethyl Ether	2.148	74	120887	52.535	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	209152	53.194	ug/l	100
10) Methyl Iodide	2.471	142	225356	56.237	ug/l	100
11) Tert butyl alcohol	2.958	59	113517	251.629	ug/l	100
12) 1,1-Dichloroethene	2.337	96	208894	53.640	ug/l	100
13) Acrolein	2.251	56	214749	258.372	ug/l	100
14) Allyl chloride	2.678	41	383854	54.528	ug/l	100
15) Acrylonitrile	3.074	53	510056	277.051	ug/l	100
16) Acetone	2.385	43	390060	252.239	ug/l	100
17) Carbon Disulfide	2.532	76	600045	53.261	ug/l	100
18) Methyl Acetate	2.715	43	213070	51.848	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	636699	53.721	ug/l	100
20) Methylene Chloride	2.806	84	223713	52.585	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	215393	54.049	ug/l	100
22) Diisopropyl ether	3.769	45	731970	54.083	ug/l	100
23) Vinyl Acetate	3.733	43	3005277	276.847	ug/l	100
24) 1,1-Dichloroethane	3.623	63	402810	53.522	ug/l	100
25) 2-Butanone	4.562	43	605614	268.961	ug/l	100
26) 2,2-Dichloropropane	4.489	77	303417	52.081	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	250112	53.001	ug/l	100
28) Bromochloromethane	4.909	49	188828	54.536	ug/l	100
29) Tetrahydrofuran	5.013	42	397391	273.532	ug/l	100
30) Chloroform	5.104	83	399454	52.141	ug/l	100
31) Cyclohexane	5.482	56	376396	52.159	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	349090	52.462	ug/l	100
36) 1,1-Dichloropropene	5.702	75	282151	51.926	ug/l	100
37) Ethyl Acetate	4.720	43	263866	55.103	ug/l	100
38) Carbon Tetrachloride	5.690	117	306989	52.934	ug/l	100
39) Methylcyclohexane	7.384	83	360702	53.168	ug/l	100
40) Benzene	6.043	78	851995	54.180	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047058.D
 Acq On : 21 Jul 2025 10:50
 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 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	150516	57.494	ug/l	100
42) 1,2-Dichloroethane	6.098	62	297385	53.686	ug/l	100
43) Isopropyl Acetate	6.348	43	438617	56.192	ug/l	100
44) Trichloroethene	7.128	130	216747	53.751	ug/l	100
45) 1,2-Dichloropropane	7.433	63	210862	53.539	ug/l	100
46) Dibromomethane	7.586	93	151672	54.916	ug/l	100
47) Bromodichloromethane	7.823	83	318771	54.225	ug/l	100
48) Methyl methacrylate	7.695	41	227033	53.391	ug/l	100
49) 1,4-Dioxane	7.659	88	53924	1114.967	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1282299	276.384	ug/l	100
52) Toluene	8.720	92	524916	54.288	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	305568	55.044	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	337057	55.475	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	194314	53.587	ug/l	100
56) Ethyl methacrylate	9.116	69	307494	57.281	ug/l	100
57) 1,3-Dichloropropane	9.305	76	337106	53.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	833190	278.917	ug/l	100
59) 2-Hexanone	9.427	43	886635	289.252	ug/l	100
60) Dibromochloromethane	9.518	129	229147	53.881	ug/l	100
61) 1,2-Dibromoethane	9.610	107	204078	53.823	ug/l	100
64) Tetrachloroethene	9.274	164	174727	52.173	ug/l	100
65) Chlorobenzene	10.079	112	571696	52.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	194777	53.158	ug/l	100
67) Ethyl Benzene	10.195	91	1023986	53.812	ug/l	100
68) m/p-Xylenes	10.299	106	759689	106.683	ug/l	100
69) o-Xylene	10.640	106	364689	53.834	ug/l	100
70) Styrene	10.652	104	632474	54.447	ug/l	100
71) Bromoform	10.798	173	150938	54.228	ug/l	100
73) Isopropylbenzene	10.963	105	964411	54.621	ug/l	100
74) N-amyl acetate	10.841	43	399297	56.697	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	270685	53.670	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	221713m	53.523	ug/l	
77) Bromobenzene	11.195	156	227531	53.727	ug/l	100
78) n-propylbenzene	11.304	91	1145472	54.290	ug/l	100
79) 2-Chlorotoluene	11.359	91	677779	53.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	788518	54.057	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	87538	54.445	ug/l	100
82) 4-Chlorotoluene	11.451	91	798628	54.249	ug/l	100
83) tert-Butylbenzene	11.713	119	802592	54.819	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	800479	55.018	ug/l	100
85) sec-Butylbenzene	11.890	105	984328	53.809	ug/l	100
86) p-Isopropyltoluene	12.006	119	829044	54.651	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	427108	53.079	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	423743	51.978	ug/l	100
89) n-Butylbenzene	12.329	91	773506	54.372	ug/l	100
90) Hexachloroethane	12.536	117	146577	54.011	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	408192	53.076	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	53563	55.328	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	274012	53.926	ug/l	100
94) Hexachlorobutadiene	13.725	225	90816	52.553	ug/l	100
95) Naphthalene	13.774	128	839990	56.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	262282	53.580	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

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

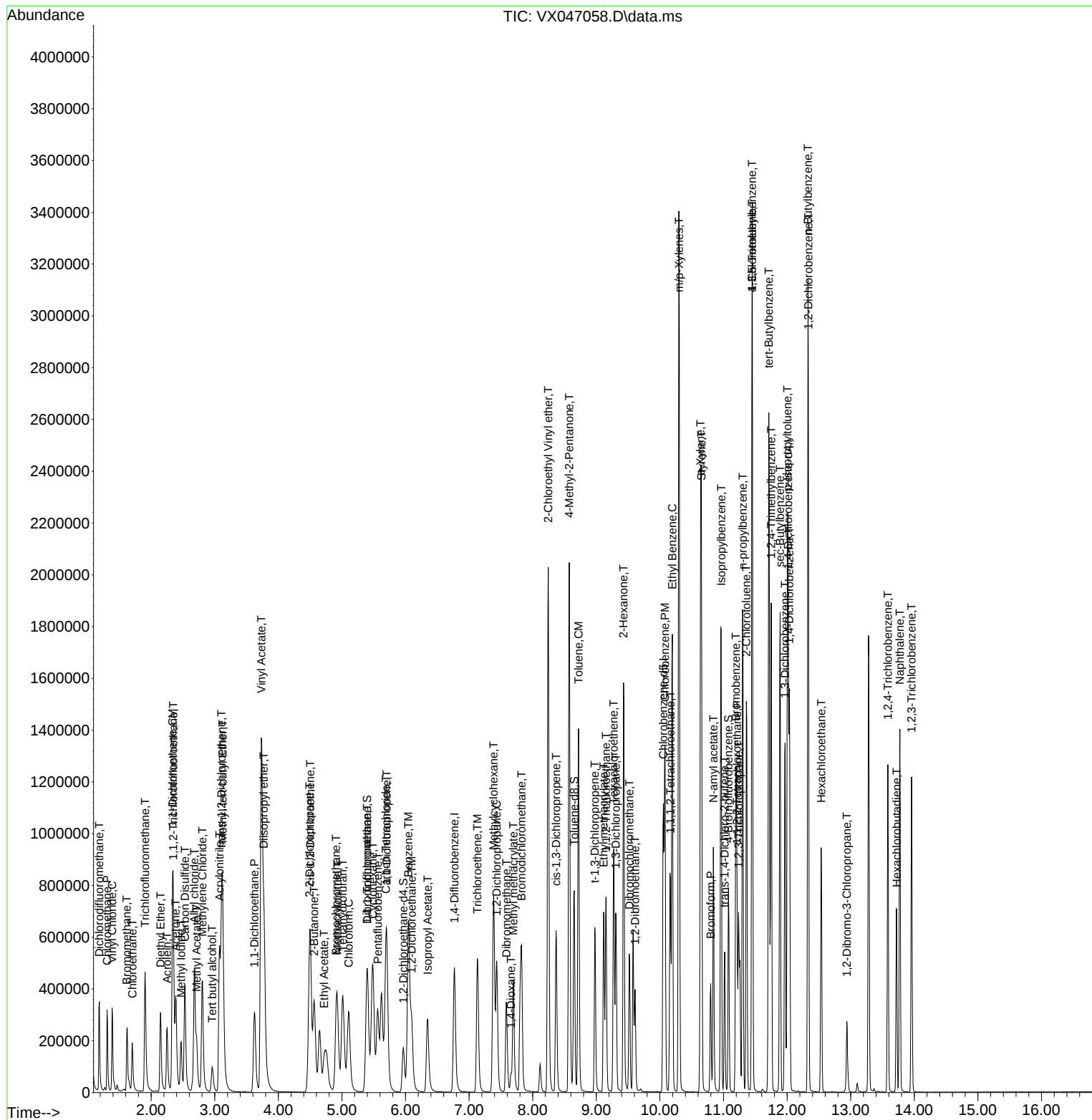
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On    : 21 Jul 2025  10:50
Operator  : JC/MD
Sample    : VSTDICCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047059.D
 Acq On : 21 Jul 2025 11:11
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 22 03:39:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	293211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	502636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	358189	98.067	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 196.140%#			
35) Dibromofluoromethane	5.397	113	304077	97.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.960%#			
50) Toluene-d8	8.653	98	951189	94.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 189.280%#			
62) 4-Bromofluorobenzene	11.079	95	418790	96.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 193.380%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	422702	108.536	ug/l	98
3) Chloromethane	1.307	50	390958	101.483	ug/l	99
4) Vinyl Chloride	1.386	62	420036	101.428	ug/l	98
5) Bromomethane	1.611	94	207177	92.097	ug/l	96
6) Chloroethane	1.697	64	248151	91.235	ug/l	98
7) Trichlorofluoromethane	1.898	101	618083	100.093	ug/l	99
8) Diethyl Ether	2.148	74	214962	98.730	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	367465	98.771	ug/l	100
10) Methyl Iodide	2.465	142	421251	111.100	ug/l	99
11) Tert butyl alcohol	2.965	59	207609	496.373	ug/l	98
12) 1,1-Dichloroethene	2.337	96	365672	99.237	ug/l	96
13) Acrolein	2.245	56	390297	496.280	ug/l	99
14) Allyl chloride	2.678	41	668038	100.294	ug/l	99
15) Acrylonitrile	3.075	53	895719	514.199	ug/l	99
16) Acetone	2.386	43	680698	465.214	ug/l	99
17) Carbon Disulfide	2.526	76	1045599	98.086	ug/l	100
18) Methyl Acetate	2.715	43	381521	98.118	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1109184	98.907	ug/l	100
20) Methylene Chloride	2.806	84	382904	95.122	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	370810	98.339	ug/l	97
22) Diisopropyl ether	3.770	45	1246566	97.342	ug/l	99
23) Vinyl Acetate	3.733	43	5255654	511.682	ug/l	100
24) 1,1-Dichloroethane	3.623	63	690059	96.903	ug/l	99
25) 2-Butanone	4.562	43	1064894	499.825	ug/l	99
26) 2,2-Dichloropropane	4.489	77	534633	96.986	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	433236	97.026	ug/l	99
28) Bromochloromethane	4.910	49	327531	99.974	ug/l	100
29) Tetrahydrofuran	5.013	42	696538	506.702	ug/l	99
30) Chloroform	5.105	83	688904	95.036	ug/l	98
31) Cyclohexane	5.483	56	644257	94.354	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	610295	96.931	ug/l	99
36) 1,1-Dichloropropene	5.702	75	486962	92.052	ug/l	99
37) Ethyl Acetate	4.721	43	464215	99.573	ug/l	99
38) Carbon Tetrachloride	5.690	117	534117	94.597	ug/l	99
39) Methylcyclohexane	7.385	83	643495	97.426	ug/l	98
40) Benzene	6.050	78	1458721	95.282	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047059.D
 Acq On : 21 Jul 2025 11:11
 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 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:39:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	266722	104.648	ug/l	99
42) 1,2-Dichloroethane	6.092	62	514986	95.493	ug/l	99
43) Isopropyl Acetate	6.342	43	782743	103.002	ug/l	99
44) Trichloroethene	7.129	130	372515	94.887	ug/l	99
45) 1,2-Dichloropropane	7.434	63	364769	95.131	ug/l	97
46) Dibromomethane	7.586	93	262070	97.464	ug/l	100
47) Bromodichloromethane	7.824	83	545715	95.349	ug/l	98
48) Methyl methacrylate	7.696	41	406578	98.210	ug/l	100
49) 1,4-Dioxane	7.659	88	97685	2074.633	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	2213299	490.000	ug/l	100
52) Toluene	8.720	92	900379	95.648	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	550435	101.846	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	595662	100.700	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	333552	94.482	ug/l	99
56) Ethyl methacrylate	9.116	69	546929	104.649	ug/l	99
57) 1,3-Dichloropropane	9.311	76	579525	94.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1489901	512.296	ug/l	100
59) 2-Hexanone	9.433	43	1534390	514.162	ug/l	99
60) Dibromochloromethane	9.519	129	400453	96.718	ug/l	100
61) 1,2-Dibromoethane	9.610	107	350348	94.909	ug/l	99
64) Tetrachloroethene	9.275	164	299042	93.490	ug/l	96
65) Chlorobenzene	10.079	112	988883	95.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	338141	96.621	ug/l	99
67) Ethyl Benzene	10.195	91	1752485	96.425	ug/l	99
68) m/p-Xylenes	10.299	106	1302405	191.494	ug/l	99
69) o-Xylene	10.640	106	624795	96.565	ug/l	99
70) Styrene	10.652	104	1072801	96.694	ug/l	100
71) Bromoform	10.799	173	259124	97.473	ug/l #	99
73) Isopropylbenzene	10.963	105	1645804	99.034	ug/l	100
74) N-amyl acetate	10.841	43	698465	105.369	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	457057	96.283	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	380871m	97.686	ug/l	
77) Bromobenzene	11.195	156	389788	97.789	ug/l	99
78) n-propylbenzene	11.305	91	1945548	97.969	ug/l	99
79) 2-Chlorotoluene	11.366	91	1150165	96.889	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1340151	97.612	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	158030	104.426	ug/l	97
82) 4-Chlorotoluene	11.451	91	1340796	96.766	ug/l	99
83) tert-Butylbenzene	11.713	119	1347206	97.765	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1346982	98.362	ug/l	99
85) sec-Butylbenzene	11.890	105	1682208	97.702	ug/l	100
86) p-Isopropyltoluene	12.006	119	1404678	98.379	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	717851	94.782	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	726014	94.617	ug/l	98
89) n-Butylbenzene	12.329	91	1323274	98.826	ug/l	100
90) Hexachloroethane	12.536	117	260929	102.152	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	684462	94.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	97209	106.683	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	481866	100.755	ug/l	100
94) Hexachlorobutadiene	13.725	225	165153	101.539	ug/l	98
95) Naphthalene	13.774	128	1474039	105.135	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	464244	100.760	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
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 07/22/2025
Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

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

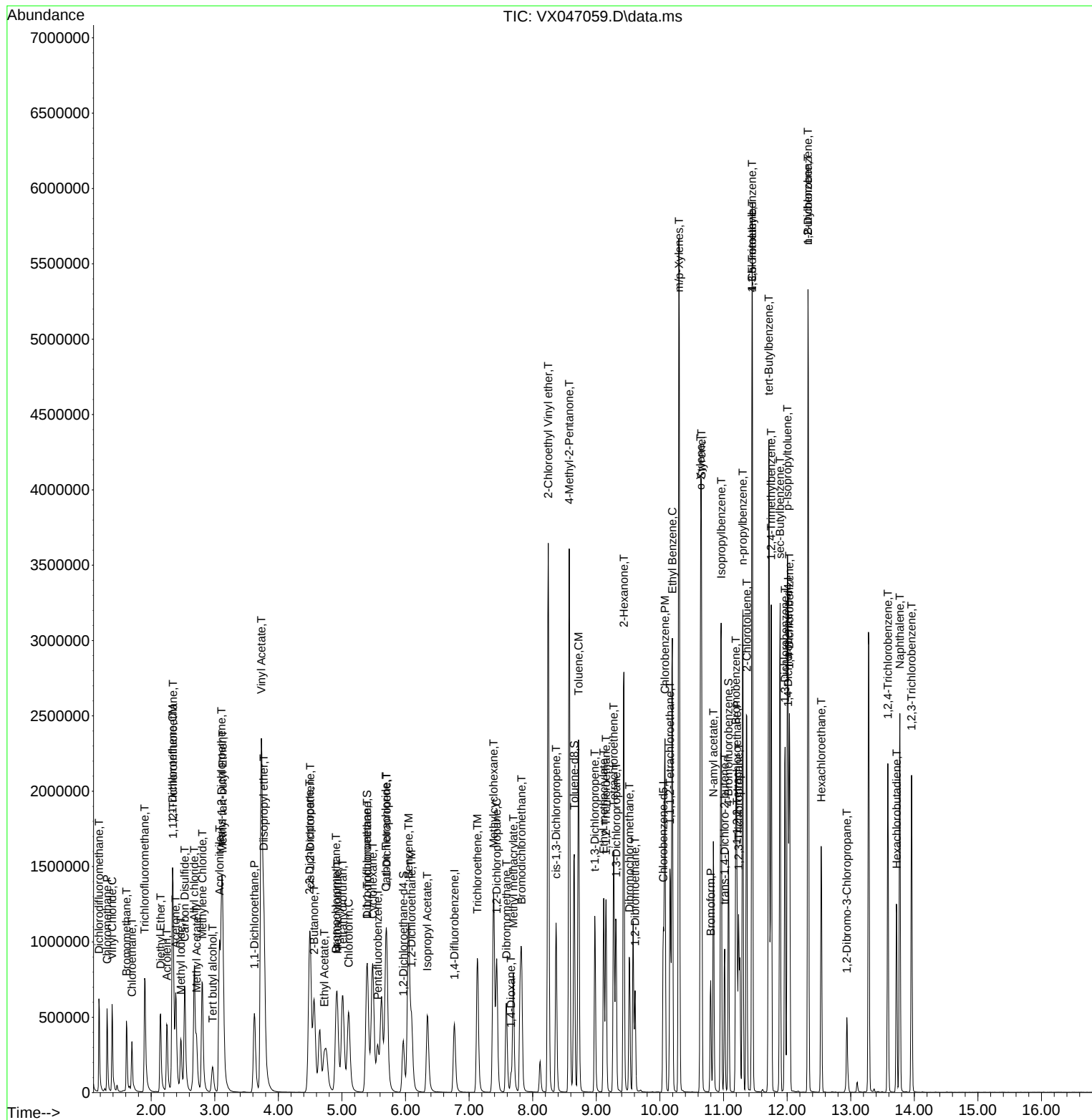
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\  
Data File : VX047059.D  
Acq On    : 21 Jul 2025  11:11  
Operator  : JC/MD  
Sample    : VSTDICC100  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 7      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047060.D
 Acq On : 21 Jul 2025 11:32
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 22 03:40:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	281238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	475828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196123	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	547497	156.279	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 312.560%#			
35) Dibromofluoromethane	5.397	113	468188	159.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 318.720%#			
50) Toluene-d8	8.653	98	1448057	152.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.400%#			
62) 4-Bromofluorobenzene	11.079	95	635473	154.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.980%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	614977	164.628	ug/l	99
3) Chloromethane	1.307	50	591309	160.024	ug/l	98
4) Vinyl Chloride	1.386	62	609982	153.566	ug/l	100
5) Bromomethane	1.612	94	260740	120.842	ug/l	96
6) Chloroethane	1.691	64	357637	137.087	ug/l	99
7) Trichlorofluoromethane	1.898	101	903925	152.614	ug/l	99
8) Diethyl Ether	2.148	74	312592	149.683	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	532594	149.251	ug/l	99
10) Methyl Iodide	2.465	142	640817	176.203	ug/l	99
11) Tert butyl alcohol	2.971	59	299604	752.233	ug/l	97
12) 1,1-Dichloroethene	2.331	96	527730	149.314	ug/l	98
13) Acrolein	2.246	56	563218	746.645	ug/l	99
14) Allyl chloride	2.678	41	964459	150.960	ug/l	99
15) Acrylonitrile	3.075	53	1274179	762.599	ug/l	99
16) Acetone	2.392	43	975640	695.175	ug/l	100
17) Carbon Disulfide	2.526	76	1523226	148.974	ug/l	99
18) Methyl Acetate	2.715	43	558406	149.722	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1616941	150.323	ug/l	99
20) Methylene Chloride	2.800	84	548865	142.156	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	533003	147.371	ug/l	97
22) Diisopropyl ether	3.770	45	1792018	145.892	ug/l	97
23) Vinyl Acetate	3.733	43	7515505	762.847	ug/l	99
24) 1,1-Dichloroethane	3.623	63	1006940	147.421	ug/l	99
25) 2-Butanone	4.562	43	1525049	746.280	ug/l	98
26) 2,2-Dichloropropane	4.489	77	790347	149.478	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	627302	146.469	ug/l	99
28) Bromochloromethane	4.910	49	464333	147.764	ug/l	100
29) Tetrahydrofuran	5.013	42	995703	755.168	ug/l	99
30) Chloroform	5.105	83	982491	141.308	ug/l	97
31) Cyclohexane	5.483	56	928560	141.781	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	892102	147.721	ug/l	98
36) 1,1-Dichloropropene	5.702	75	707227	141.221	ug/l	99
37) Ethyl Acetate	4.721	43	664604	150.587	ug/l	99
38) Carbon Tetrachloride	5.690	117	771081	144.260	ug/l	99
39) Methylcyclohexane	7.385	83	932504	149.137	ug/l	98
40) Benzene	6.044	78	2112753	145.777	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047060.D
 Acq On : 21 Jul 2025 11:32
 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 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:40:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	373711	154.886	ug/l	98
42) 1,2-Dichloroethane	6.092	62	737991	144.555	ug/l	99
43) Isopropyl Acetate	6.342	43	1145157	159.182	ug/l	99
44) Trichloroethene	7.129	130	547123	147.215	ug/l	97
45) 1,2-Dichloropropane	7.434	63	529204	145.791	ug/l	97
46) Dibromomethane	7.586	93	381666	149.938	ug/l	99
47) Bromodichloromethane	7.824	83	794793	146.693	ug/l	99
48) Methyl methacrylate	7.696	41	589190	150.339	ug/l	99
49) 1,4-Dioxane	7.665	88	141473	3173.881	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	3143746	735.203	ug/l	100
52) Toluene	8.720	92	1298426	145.703	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	802670	156.884	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	876033	156.442	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	478247	143.101	ug/l	99
56) Ethyl methacrylate	9.116	69	791875	160.053	ug/l	99
57) 1,3-Dichloropropane	9.305	76	823631	141.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	2120903	770.350	ug/l	99
59) 2-Hexanone	9.433	43	2172764	769.096	ug/l	99
60) Dibromochloromethane	9.519	129	583183	148.786	ug/l	99
61) 1,2-Dibromoethane	9.610	107	500995	143.366	ug/l	99
64) Tetrachloroethene	9.275	164	433805	142.999	ug/l	98
65) Chlorobenzene	10.079	112	1432482	145.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	495347	149.242	ug/l	98
67) Ethyl Benzene	10.195	91	2508990	145.559	ug/l	100
68) m/p-Xylenes	10.299	106	1848008	286.495	ug/l	98
69) o-Xylene	10.640	106	897705	146.292	ug/l	100
70) Styrene	10.653	104	1538516	146.214	ug/l	99
71) Bromoform	10.799	173	377881	149.877	ug/l #	100
73) Isopropylbenzene	10.963	105	2341028	151.299	ug/l	99
74) N-amyl acetate	10.842	43	1017450	164.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	649081	146.858	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	542883m	149.549	ug/l	
77) Bromobenzene	11.195	156	555966	149.806	ug/l	99
78) n-propylbenzene	11.305	91	2790577	150.924	ug/l	99
79) 2-Chlorotoluene	11.366	91	1641174	148.487	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1921023	150.280	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	234105	166.150	ug/l	95
82) 4-Chlorotoluene	11.451	91	1901346	147.381	ug/l	99
83) tert-Butylbenzene	11.713	119	1941048	151.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1923088	150.829	ug/l	100
85) sec-Butylbenzene	11.890	105	2386553	148.873	ug/l	100
86) p-Isopropyltoluene	12.006	119	2001346	150.546	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	1044993	148.192	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	1039670	145.525	ug/l	98
89) n-Butylbenzene	12.329	91	1874924	150.392	ug/l	99
90) Hexachloroethane	12.536	117	376780	158.429	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	994860	147.614	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	142395	167.843	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	691853	155.373	ug/l	100
94) Hexachlorobutadiene	13.725	225	224504	148.249	ug/l	97
95) Naphthalene	13.774	128	2171681	166.363	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	662501	154.436	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

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

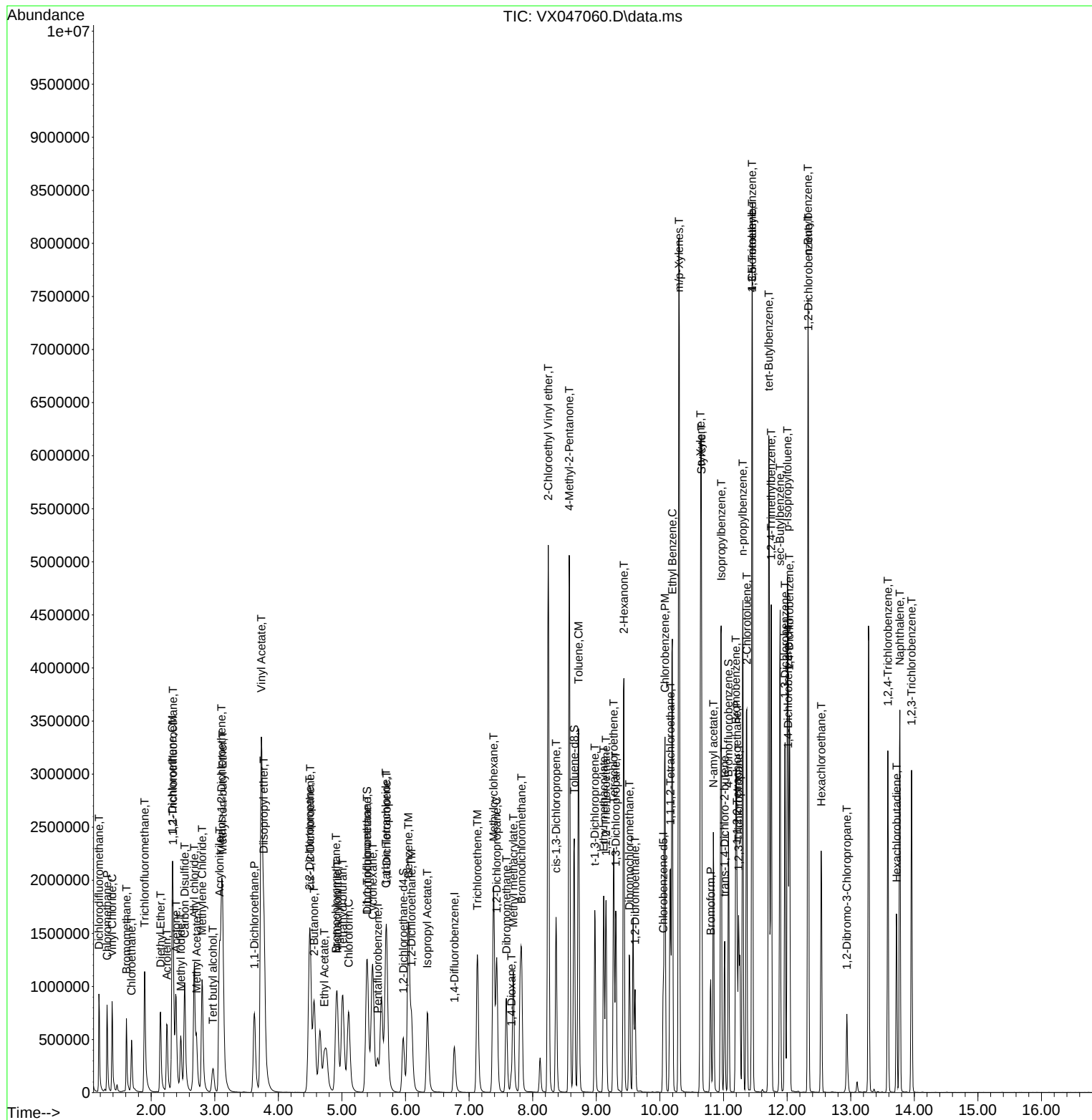
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047062.D
 Acq On : 21 Jul 2025 13:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072125

Quant Time: Jul 22 04:01:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	353932	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	594788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	516907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176451	40.022	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.040%		
35) Dibromofluoromethane	5.385	113	155150	42.247	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.500%		
50) Toluene-d8	8.647	98	476939	40.102	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	80.200%#		
62) 4-Bromofluorobenzene	11.079	95	209003	40.779	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	240944	51.252	ug/l	99
3) Chloromethane	1.307	50	220344	47.383	ug/l	100
4) Vinyl Chloride	1.386	62	244133	48.838	ug/l	100
5) Bromomethane	1.618	94	153243	56.435	ug/l	97
6) Chloroethane	1.703	64	146679	44.676	ug/l	96
7) Trichlorofluoromethane	1.904	101	354446	47.552	ug/l	96
8) Diethyl Ether	2.142	74	122150	46.477	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	211536	47.104	ug/l	99
10) Methyl Iodide	2.465	142	206176	45.047	ug/l	97
11) Tert butyl alcohol	2.953	59	107694	207.194	ug/l	99
12) 1,1-Dichloroethene	2.331	96	207074	46.555	ug/l	98
13) Acrolein	2.245	56	197909	208.477	ug/l	99
14) Allyl chloride	2.678	41	375824	46.743	ug/l	99
15) Acrylonitrile	3.069	53	485401	230.845	ug/l	100
16) Acetone	2.386	43	407681	230.823	ug/l	95
17) Carbon Disulfide	2.526	76	588590	45.742	ug/l	99
18) Methyl Acetate	2.709	43	206733	44.045	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	613097	45.291	ug/l	98
20) Methylene Chloride	2.800	84	218853	45.041	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	210229	46.188	ug/l	98
22) Diisopropyl ether	3.764	45	712919	46.119	ug/l	96
23) Vinyl Acetate	3.727	43	2900485	233.940	ug/l	100
24) 1,1-Dichloroethane	3.617	63	388232	45.165	ug/l	100
25) 2-Butanone	4.556	43	562934	218.892	ug/l	100
26) 2,2-Dichloropropane	4.483	77	308018	46.290	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	242036	44.906	ug/l	99
28) Bromochloromethane	4.904	49	186533	47.168	ug/l	100
29) Tetrahydrofuran	5.001	42	360837	217.460	ug/l	99
30) Chloroform	5.093	83	382651	43.731	ug/l	100
31) Cyclohexane	5.477	56	359502	43.618	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	336918	44.331	ug/l	99
36) 1,1-Dichloropropene	5.696	75	272074	43.463	ug/l	99
37) Ethyl Acetate	4.715	43	244468	42.381	ug/l	99
38) Carbon Tetrachloride	5.678	117	295708	44.259	ug/l	98
39) Methylcyclohexane	7.379	83	344962	44.136	ug/l	99
40) Benzene	6.038	78	802625	44.304	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047062.D
 Acq On : 21 Jul 2025 13:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072125

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 04:01:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	138183	45.816	ug/l	97
42) 1,2-Dichloroethane	6.086	62	283205	44.378	ug/l	99
43) Isopropyl Acetate	6.336	43	409733	45.564	ug/l	99
44) Trichloroethene	7.123	130	202817	43.658	ug/l	98
45) 1,2-Dichloropropane	7.428	63	200065	44.093	ug/l	98
46) Dibromomethane	7.580	93	143569	45.121	ug/l	99
47) Bromodichloromethane	7.818	83	301133	44.463	ug/l	99
48) Methyl methacrylate	7.690	41	208228	42.505	ug/l	99
49) 1,4-Dioxane	7.653	88	51080m	916.760	ug/l	
51) 4-Methyl-2-Pentanone	8.568	43	1164013	217.774	ug/l	100
52) Toluene	8.714	92	498799	44.778	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	290633	45.444	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	322967	46.140	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	180762	43.270	ug/l	99
56) Ethyl methacrylate	9.116	69	286552	46.334	ug/l	100
57) 1,3-Dichloropropane	9.305	76	314736	43.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	774980	225.188	ug/l	100
59) 2-Hexanone	9.427	43	807822	228.755	ug/l	100
60) Dibromochloromethane	9.519	129	216749	44.239	ug/l	100
61) 1,2-Dibromoethane	9.604	107	188713	43.202	ug/l	99
64) Tetrachloroethene	9.269	164	164447	44.131	ug/l	96
65) Chlorobenzene	10.073	112	536664	44.318	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	181544	44.529	ug/l	99
67) Ethyl Benzene	10.189	91	952288	44.977	ug/l	100
68) m/p-Xylenes	10.299	106	709639	89.564	ug/l	100
69) o-Xylene	10.640	106	341662	45.328	ug/l	99
70) Styrene	10.653	104	589610	45.618	ug/l	100
71) Bromoform	10.799	173	136594	44.106	ug/l	100
73) Isopropylbenzene	10.957	105	903154	46.708	ug/l	100
74) N-amyl acetate	10.842	43	360744	46.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	248756	45.037	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209195m	46.113	ug/l	
77) Bromobenzene	11.195	156	215391	46.441	ug/l	98
78) n-propylbenzene	11.299	91	1081658	46.812	ug/l	100
79) 2-Chlorotoluene	11.360	91	631252	45.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	737827	46.187	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	79906	45.380	ug/l	97
82) 4-Chlorotoluene	11.451	91	749299	46.476	ug/l	99
83) tert-Butylbenzene	11.713	119	752650	46.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	744757	46.741	ug/l	99
85) sec-Butylbenzene	11.890	105	934198	46.632	ug/l	99
86) p-Isopropyltoluene	12.006	119	773508	46.560	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	400520	45.450	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	398497	44.634	ug/l	98
89) n-Butylbenzene	12.329	91	735386	47.201	ug/l	99
90) Hexachloroethane	12.536	117	138697	46.667	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	373286	44.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47608	44.904	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	261487	46.990	ug/l	99
94) Hexachlorobutadiene	13.725	225	86113	45.502	ug/l	99
95) Naphthalene	13.774	128	755367	46.304	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	241137	44.980	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

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

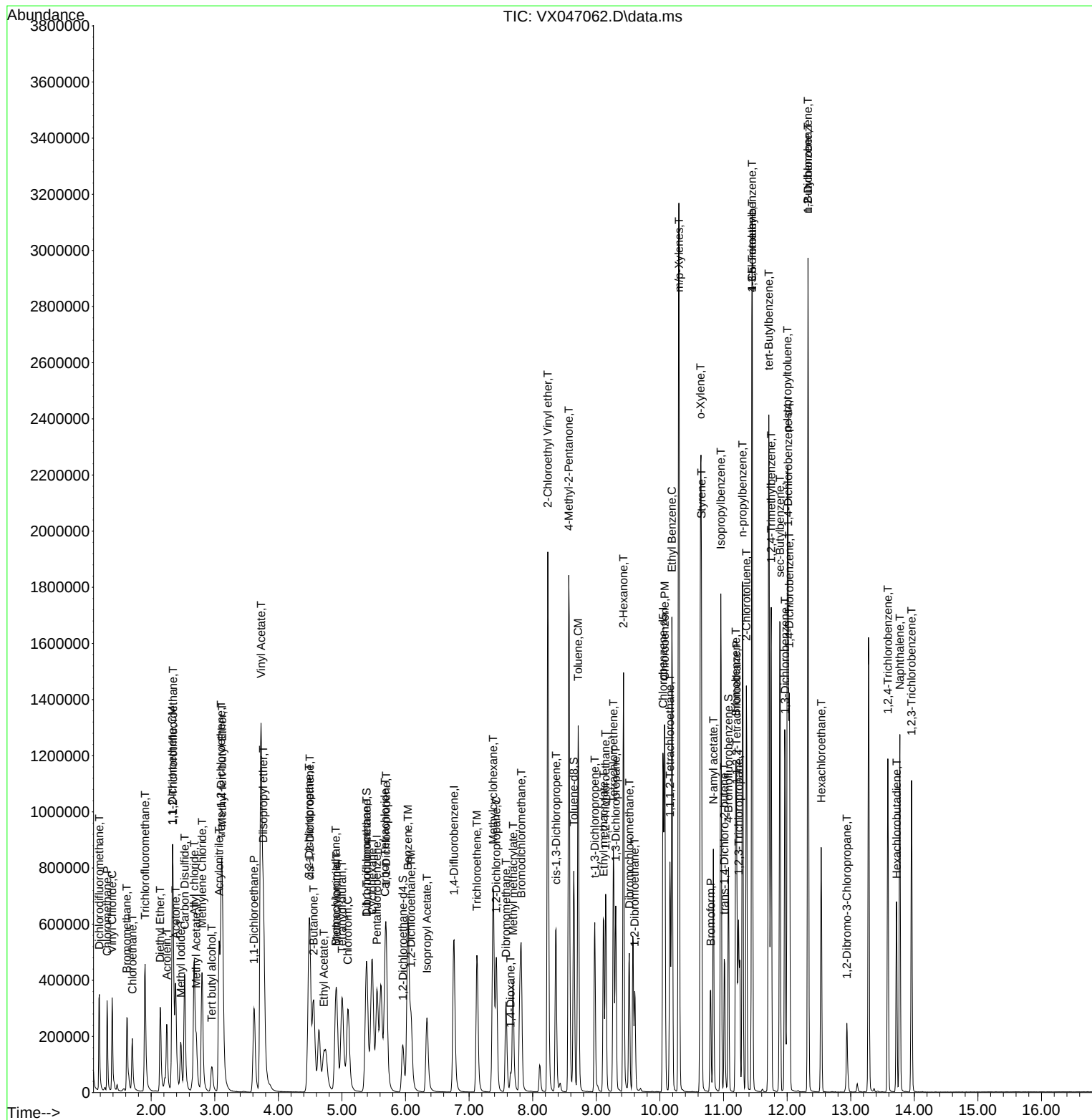
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047062.D
 Acq On : 21 Jul 2025 13:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072125

Manual Integrations APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 04:01:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX072125\
 Data File : VX047062.D
 Acq On : 21 Jul 2025 13:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072125

Quant Time: Jul 22 04:01:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	114	-0.01
2 T	Dichlorodifluoromethane	50.000	51.252	-2.5	101	0.00
3 P	Chloromethane	50.000	47.383	5.2	102	0.00
4 C	Vinyl Chloride	50.000	48.838	2.3#	101	0.00
5 T	Bromomethane	50.000	56.435	-12.9	110	0.00
6 T	Chloroethane	50.000	44.676	10.6	101	0.00
7 T	Trichlorofluoromethane	50.000	47.552	4.9	99	0.00
8 T	Diethyl Ether	50.000	46.477	7.0	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.104	5.8	101	0.00
10 T	Methyl Iodide	50.000	45.047	9.9	91	0.00
11 T	Tert butyl alcohol	250.000	207.194	17.1	95	0.00
12 CM	1,1-Dichloroethene	50.000	46.555	6.9#	99	0.00
13 T	Acrolein	250.000	208.477	16.6	92	0.00
14 T	Allyl chloride	50.000	46.743	6.5	98	0.00
15 T	Acrylonitrile	250.000	230.845	7.7	95	0.00
16 T	Acetone	250.000	230.823	7.7	105	0.00
17 T	Carbon Disulfide	50.000	45.742	8.5	98	0.00
18 T	Methyl Acetate	50.000	44.045	11.9	97	0.00
19 T	Methyl tert-butyl Ether	50.000	45.291	9.4	96	0.00
20 T	Methylene Chloride	50.000	45.041	9.9	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.188	7.6	98	0.00
22 T	Diisopropyl ether	50.000	46.119	7.8	97	0.00
23 T	Vinyl Acetate	250.000	233.940	6.4	97	0.00
24 P	1,1-Dichloroethane	50.000	45.165	9.7	96	0.00
25 T	2-Butanone	250.000	218.892	12.4	93	0.00
26 T	2,2-Dichloropropane	50.000	46.290	7.4	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.906	10.2	97	0.00
28 T	Bromochloromethane	50.000	47.168	5.7	99	0.00
29 T	Tetrahydrofuran	250.000	217.460	13.0	91	-0.01
30 C	Chloroform	50.000	43.731	12.5#	96	-0.01
31 T	Cyclohexane	50.000	43.618	12.8	96	0.00
32 T	1,1,1-Trichloroethane	50.000	44.331	11.3	97	-0.01
33 S	1,2-Dichloroethane-d4	50.000	40.022	20.0	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35 S	Dibromofluoromethane	50.000	42.247	15.5	102	-0.01
36 T	1,1-Dichloropropene	50.000	43.463	13.1	96	0.00
37 T	Ethyl Acetate	50.000	42.381	15.2	93	0.00
38 T	Carbon Tetrachloride	50.000	44.259	11.5	96	-0.01
39 T	Methylcyclohexane	50.000	44.136	11.7	96	0.00
40 TM	Benzene	50.000	44.304	11.4	94	0.00
41 T	Methacrylonitrile	50.000	45.816	8.4	92	-0.01
42 TM	1,2-Dichloroethane	50.000	44.378	11.2	95	-0.01
43 T	Isopropyl Acetate	50.000	45.564	8.9	93	-0.01
44 TM	Trichloroethene	50.000	43.658	12.7	94	0.00
45 C	1,2-Dichloropropane	50.000	44.093	11.8#	95	0.00
46 T	Dibromomethane	50.000	45.121	9.8	95	0.00
47 T	Bromodichloromethane	50.000	44.463	11.1	94	0.00
48 T	Methyl methacrylate	50.000	42.505	15.0	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047062.D
 Acq On : 21 Jul 2025 13:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072125

Quant Time: Jul 22 04:01:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	916.760	8.3	95	0.00
50 S	Toluene-d8	50.000	40.102	19.8	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	217.774	12.9	91	0.00
52 CM	Toluene	50.000	44.778	10.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	45.444	9.1	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.140	7.7	96	0.00
55 T	1,1,2-Trichloroethane	50.000	43.270	13.5	93	0.00
56 T	Ethyl methacrylate	50.000	46.334	7.3	93	0.00
57 T	1,3-Dichloropropane	50.000	43.350	13.3	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	225.188	9.9	93	0.00
59 T	2-Hexanone	250.000	228.755	8.5	91	0.00
60 T	Dibromochloromethane	50.000	44.239	11.5	95	0.00
61 T	1,2-Dibromoethane	50.000	43.202	13.6	92	0.00
62 S	4-Bromofluorobenzene	50.000	40.779	18.4	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	44.131	11.7	94	0.00
65 PM	Chlorobenzene	50.000	44.318	11.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.529	10.9	93	0.00
67 C	Ethyl Benzene	50.000	44.977	10.0#	93	0.00
68 T	m/p-Xylenes	100.000	89.564	10.4	93	0.00
69 T	o-Xylene	50.000	45.328	9.3	94	0.00
70 T	Styrene	50.000	45.618	8.8	93	0.00
71 P	Bromoform	50.000	44.106	11.8	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	46.708	6.6	94	0.00
74 T	N-ethyl acetate	50.000	46.238	7.5	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.037	9.9	92	0.00
76 T	1,2,3-Trichloropropane	50.000	46.113	7.8	94	0.00
77 T	Bromobenzene	50.000	46.441	7.1	95	0.00
78 T	n-propylbenzene	50.000	46.812	6.4	94	0.00
79 T	2-Chlorotoluene	50.000	45.702	8.6	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.187	7.6	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.380	9.2	91	0.00
82 T	4-Chlorotoluene	50.000	46.476	7.0	94	0.00
83 T	tert-Butylbenzene	50.000	46.942	6.1	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.741	6.5	93	0.00
85 T	sec-Butylbenzene	50.000	46.632	6.7	95	0.00
86 T	p-Isopropyltoluene	50.000	46.560	6.9	93	0.00
87 T	1,3-Dichlorobenzene	50.000	45.450	9.1	94	0.00
88 T	1,4-Dichlorobenzene	50.000	44.634	10.7	94	0.00
89 T	n-Butylbenzene	50.000	47.201	5.6	95	0.00
90 T	Hexachloroethane	50.000	46.667	6.7	95	0.00
91 T	1,2-Dichlorobenzene	50.000	44.320	11.4	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.904	10.2	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.990	6.0	95	0.00
94 T	Hexachlorobutadiene	50.000	45.502	9.0	95	0.00
95 T	Naphthalene	50.000	46.304	7.4	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.980	10.0	92	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047062.D
 Acq On : 21 Jul 2025 13:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072125

Quant Time: Jul 22 04:01:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	114	-0.01
2 T	Dichlorodifluoromethane	0.664	0.681	-2.6	101	0.00
3 P	Chloromethane	0.657	0.623	5.2	102	0.00
4 C	Vinyl Chloride	0.706	0.690	2.3#	101	0.00
5 T	Bromomethane	0.384	0.433	-12.8	110	0.00
6 T	Chloroethane	0.464	0.414	10.8	101	0.00
7 T	Trichlorofluoromethane	1.053	1.001	4.9	99	0.00
8 T	Diethyl Ether	0.371	0.345	7.0	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.634	0.598	5.7	101	0.00
10 T	Methyl Iodide	0.647	0.583	9.9	91	0.00
11 T	Tert butyl alcohol	0.080	0.061	23.8	95	0.00
12 CM	1,1-Dichloroethene	0.628	0.585	6.8#	99	0.00
13 T	Acrolein	0.134	0.112	16.4	92	0.00
14 T	Allyl chloride	1.136	1.062	6.5	98	0.00
15 T	Acrylonitrile	0.297	0.274	7.7	95	0.00
16 T	Acetone	0.250	0.230	8.0	105	0.00
17 T	Carbon Disulfide	1.818	1.663	8.5	98	0.00
18 T	Methyl Acetate	0.663	0.584	11.9	97	0.00
19 T	Methyl tert-butyl Ether	1.912	1.732	9.4	96	0.00
20 T	Methylene Chloride	0.686	0.618	9.9	98	0.00
21 T	trans-1,2-Dichloroethene	0.643	0.594	7.6	98	0.00
22 T	Diisopropyl ether	2.184	2.014	7.8	97	0.00
23 T	Vinyl Acetate	1.752	1.639	6.4	97	0.00
24 P	1,1-Dichloroethane	1.214	1.097	9.6	96	0.00
25 T	2-Butanone	0.363	0.318	12.4	93	0.00
26 T	2,2-Dichloropropane	0.940	0.870	7.4	102	0.00
27 T	cis-1,2-Dichloroethene	0.761	0.684	10.1	97	0.00
28 T	Bromochloromethane	0.559	0.527	5.7	99	0.00
29 T	Tetrahydrofuran	0.234	0.204	12.8	91	-0.01
30 C	Chloroform	1.236	1.081	12.5#	96	-0.01
31 T	Cyclohexane	1.164	1.016	12.7	96	0.00
32 T	1,1,1-Trichloroethane	1.074	0.952	11.4	97	-0.01
33 S	1,2-Dichloroethane-d4	0.623	0.499	19.9	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35 S	Dibromofluoromethane	0.309	0.261	15.5	102	-0.01
36 T	1,1-Dichloropropene	0.526	0.457	13.1	96	0.00
37 T	Ethyl Acetate	0.485	0.411	15.3	93	0.00
38 T	Carbon Tetrachloride	0.562	0.497	11.6	96	-0.01
39 T	Methylcyclohexane	0.657	0.580	11.7	96	0.00
40 TM	Benzene	1.523	1.349	11.4	94	0.00
41 T	Methacrylonitrile	0.254	0.232	8.7	92	-0.01
42 TM	1,2-Dichloroethane	0.536	0.476	11.2	95	-0.01
43 T	Isopropyl Acetate	0.756	0.689	8.9	93	-0.01
44 TM	Trichloroethene	0.391	0.341	12.8	94	0.00
45 C	1,2-Dichloropropane	0.381	0.336	11.8#	95	0.00
46 T	Dibromomethane	0.267	0.241	9.7	95	0.00
47 T	Bromodichloromethane	0.569	0.506	11.1	94	0.00
48 T	Methyl methacrylate	0.412	0.350	15.0	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047062.D
 Acq On : 21 Jul 2025 13:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX072125

Quant Time: Jul 22 04:01:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.004	20.0	95	0.00
50 S	Toluene-d8	1.000	0.802	19.8	100	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.391	12.9	91	0.00
52 CM	Toluene	0.936	0.839	10.4#	95	0.00
53 T	t-1,3-Dichloropropene	0.538	0.489	9.1	95	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.543	7.7	96	0.00
55 T	1,1,2-Trichloroethane	0.351	0.304	13.4	93	0.00
56 T	Ethyl methacrylate	0.520	0.482	7.3	93	0.00
57 T	1,3-Dichloropropane	0.610	0.529	13.3	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.289	0.261	9.7	93	0.00
59 T	2-Hexanone	0.297	0.272	8.4	91	0.00
60 T	Dibromochloromethane	0.412	0.364	11.7	95	0.00
61 T	1,2-Dibromoethane	0.367	0.317	13.6	92	0.00
62 S	4-Bromofluorobenzene	0.431	0.351	18.6	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.360	0.318	11.7	94	0.00
65 PM	Chlorobenzene	1.171	1.038	11.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.351	10.9	93	0.00
67 C	Ethyl Benzene	2.048	1.842	10.1#	93	0.00
68 T	m/p-Xylenes	0.766	0.686	10.4	93	0.00
69 T	o-Xylene	0.729	0.661	9.3	94	0.00
70 T	Styrene	1.250	1.141	8.7	93	0.00
71 P	Bromoform	0.300	0.264	12.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.945	3.685	6.6	94	0.00
74 T	N-amyl acetate	1.592	1.472	7.5	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.127	1.015	9.9	92	0.00
76 T	1,2,3-Trichloropropane	0.925	0.854	7.7	94	0.00
77 T	Bromobenzene	0.946	0.879	7.1	95	0.00
78 T	n-propylbenzene	4.714	4.413	6.4	94	0.00
79 T	2-Chlorotoluene	2.818	2.576	8.6	93	0.00
80 T	1,3,5-Trimethylbenzene	3.259	3.010	7.6	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.326	9.2	91	0.00
82 T	4-Chlorotoluene	3.289	3.057	7.1	94	0.00
83 T	tert-Butylbenzene	3.271	3.071	6.1	94	0.00
84 T	1,2,4-Trimethylbenzene	3.251	3.039	6.5	93	0.00
85 T	sec-Butylbenzene	4.087	3.812	6.7	95	0.00
86 T	p-Isopropyltoluene	3.389	3.156	6.9	93	0.00
87 T	1,3-Dichlorobenzene	1.798	1.634	9.1	94	0.00
88 T	1,4-Dichlorobenzene	1.821	1.626	10.7	94	0.00
89 T	n-Butylbenzene	3.178	3.000	5.6	95	0.00
90 T	Hexachloroethane	0.606	0.566	6.6	95	0.00
91 T	1,2-Dichlorobenzene	1.718	1.523	11.4	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.194	10.2	89	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.067	6.0	95	0.00
94 T	Hexachlorobutadiene	0.386	0.351	9.1	95	0.00
95 T	Naphthalene	3.328	3.082	7.4	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.094	0.984	10.1	92	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CHEM02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2812</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/08/2025 11:04</u>
Lab File ID:	<u>VX047263.D</u>	Init. Calib. Date(s):	<u>07/21/2025 07/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:47 11:32</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.667		0.45	20
Chloromethane	0.657	0.589	0.1	-10.35	20
Vinyl Chloride	0.706	0.710		0.57	20
Ethyl Acetate	0.485	0.500		3.09	20
Bromomethane	0.384	0.311		-19.01	20
Chloroethane	0.464	0.400		-13.79	20
Trichlorofluoromethane	1.053	1.005		-4.56	20
1,1,2-Trichlorotrifluoroethane	0.634	0.596		-5.99	20
Tert butyl alcohol	0.080	0.080		0	20
1,1-Dichloroethene	0.628	0.599		-4.62	20
Acrolein	0.134	0.132		-1.49	20
Acrylonitrile	0.297	0.312		5.05	20
Acetone	0.250	0.257		2.8	20
Carbon Disulfide	1.818	1.734		-4.62	20
Methyl tert-butyl Ether	1.912	2.122		10.98	20
Methyl Acetate	0.663	0.755		13.88	20
Methylene Chloride	0.686	0.701		2.19	20
trans-1,2-Dichloroethene	0.643	0.645		0.31	20
Vinyl Acetate	1.752	1.958		11.76	20
1,1-Dichloroethane	1.214	1.219	0.1	0.41	20
Cyclohexane	1.164	1.037		-10.91	20
2-Butanone	0.363	0.374		3.03	20
Carbon Tetrachloride	0.562	0.511		-9.07	20
2,2-Dichloropropane	0.940	0.890		-5.32	20
cis-1,2-Dichloroethene	0.761	0.792		4.07	20
Bromochloromethane	0.559	0.576		3.04	20
Chloroform	1.236	1.259		1.86	20
1,1,1-Trichloroethane	1.074	1.047		-2.51	20
Methylcyclohexane	0.657	0.585		-10.96	20
1,1-Dichloropropene	0.526	0.466		-11.41	20
Benzene	1.523	1.481		-2.76	20
1,2-Dichloroethane	0.536	0.553		3.17	20
Trichloroethene	0.391	0.371		-5.11	20
1,2-Dichloropropane	0.381	0.379		-0.52	20
Dibromomethane	0.267	0.286		7.12	20
Bromodichloromethane	0.569	0.589		3.52	20
4-Methyl-2-Pentanone	0.449	0.455		1.34	20
Toluene	0.936	0.911		-2.67	20

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CHEM02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2812</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/08/2025 11:04</u>
Lab File ID:	<u>VX047263.D</u>	Init. Calib. Date(s):	<u>07/21/2025 07/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:47 11:32</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.538	0.558		3.72	20
cis-1,3-Dichloropropene	0.588	0.608		3.4	20
1,1,2-Trichloroethane	0.351	0.363		3.42	20
1,3-Dichloropropane	0.610	0.629		3.12	20
2-Chloroethyl Vinyl ether	0.289	0.286		-1.04	20
2-Hexanone	0.297	0.305		2.69	20
Dibromochloromethane	0.412	0.440		6.8	20
1,2-Dibromoethane	0.367	0.374		1.91	20
Tetrachloroethene	0.360	0.325		-9.72	20
Chlorobenzene	1.171	1.124	0.3	-4.01	20
1,1,1,2-Tetrachloroethane	0.394	0.397		0.76	20
Hexachloroethane	0.606	0.581		-4.13	20
Ethyl Benzene	2.048	1.940		-5.27	20
m/p-Xylenes	0.766	0.723		-5.61	20
o-Xylene	0.729	0.705		-3.29	20
Styrene	1.250	1.250		0	20
Bromoform	0.300	0.306	0.1	2	20
Isopropylbenzene	3.945	3.719		-5.73	20
1,1,2,2-Tetrachloroethane	1.127	1.125	0.3	-0.18	20
1,2,3-Trichloropropane	0.925	0.943		1.95	20
Bromobenzene	0.946	0.936		-1.06	20
n-propylbenzene	4.714	4.409		-6.47	20
2-Chlorotoluene	2.818	2.679		-4.93	20
1,3,5-Trimethylbenzene	3.259	3.081		-5.46	20
4-Chlorotoluene	3.289	3.131		-4.8	20
tert-Butylbenzene	3.271	3.115		-4.77	20
1,2,4-Trimethylbenzene	3.251	3.135		-3.57	20
sec-Butylbenzene	4.087	3.780		-7.51	20
p-Isopropyltoluene	3.389	3.195		-5.72	20
1,3-Dichlorobenzene	1.798	1.714		-4.67	20
1,4-Dichlorobenzene	1.821	1.711		-6.04	20
n-Butylbenzene	3.178	2.978		-6.32	20
1,2-Dichlorobenzene	1.718	1.632		-5.01	20
1,2-Dibromo-3-Chloropropane	0.216	0.223		3.24	20
1,2,4-Trichlorobenzene	1.135	1.082		-4.67	20
Hexachlorobutadiene	0.386	0.380		-1.55	20
Naphthalene	3.328	3.408		2.4	20
1,2,3-Trichlorobenzene	1.094	1.052		-3.84	20

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CHEM02
Lab Code: ACE SDG No.: Q2812
Instrument ID: MSVOA_X Calibration Date/Time: 08/08/2025 11:04
Lab File ID: VX047263.D Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.660		5.94	20
Dibromofluoromethane	0.309	0.323		4.53	20
Toluene-d8	1.000	0.902		-9.8	20
4-Bromofluorobenzene	0.431	0.434		0.7	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\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 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 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:55:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	231247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177002	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	152665	52.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.000%	
35) Dibromofluoromethane	5.391	113	130713	52.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	8.647	98	365195	45.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.220%#	
62) 4-Bromofluorobenzene	11.079	95	175814	50.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	154294	50.233	ug/l	98
3) Chloromethane	1.307	50	136156	44.813	ug/l	99
4) Vinyl Chloride	1.392	62	164247	50.289	ug/l	99
5) Bromomethane	1.624	94	71911	40.533	ug/l	95
6) Chloroethane	1.703	64	92423	43.086	ug/l	99
7) Trichlorofluoromethane	1.904	101	232408	47.721	ug/l	97
8) Diethyl Ether	2.142	74	91672	53.386	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	137841	46.978	ug/l	99
10) Methyl Iodide	2.465	142	228091	76.275	ug/l	98
11) Tert butyl alcohol	2.959	59	92358	275.312	ug/l #	84
12) 1,1-Dichloroethene	2.337	96	138506	47.660	ug/l	96
13) Acrolein	2.245	56	153095	246.829	ug/l	100
14) Allyl chloride	2.678	41	244065	46.460	ug/l	94
15) Acrylonitrile	3.075	53	360302	262.259	ug/l	100
16) Acetone	2.386	43	297586	257.878	ug/l	99
17) Carbon Disulfide	2.526	76	400921	47.687	ug/l	99
18) Methyl Acetate	2.709	43	174494	56.900	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	490729	55.484	ug/l	99
20) Methylene Chloride	2.800	84	162173	51.083	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	149125	50.145	ug/l	96
22) Diisopropyl ether	3.763	45	539008	53.368	ug/l	95
23) Vinyl Acetate	3.727	43	2263579	279.430	ug/l	100
24) 1,1-Dichloroethane	3.617	63	281839	50.183	ug/l	100
25) 2-Butanone	4.562	43	432527	257.412	ug/l	98
26) 2,2-Dichloropropane	4.489	77	205742	47.324	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	183158	52.011	ug/l	97
28) Bromochloromethane	4.904	49	133256	51.573	ug/l	98
29) Tetrahydrofuran	5.019	42	276863	255.374	ug/l	99
30) Chloroform	5.099	83	291249	50.945	ug/l	99
31) Cyclohexane	5.477	56	239879	44.545	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	242222	48.780	ug/l	98
36) 1,1-Dichloropropene	5.702	75	188588	44.257	ug/l	99
37) Ethyl Acetate	4.715	43	202555	51.587	ug/l	99
38) Carbon Tetrachloride	5.684	117	206875	45.487	ug/l	100
39) Methylcyclohexane	7.385	83	236926	44.533	ug/l	96
40) Benzene	6.044	78	599757	48.635	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 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 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:55:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	93566	45.575	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	223998	51.565	ug/l	99
43) Isopropyl Acetate	6.342	43	326436	53.328	ug/l	99
44) Trichloroethene	7.129	130	150146	47.480	ug/l	99
45) 1,2-Dichloropropane	7.434	63	153258	49.621	ug/l	96
46) Dibromomethane	7.580	93	115987	53.551	ug/l	99
47) Bromodichloromethane	7.818	83	238350	51.701	ug/l	100
48) Methyl methacrylate	7.696	41	168665	50.579	ug/l	99
49) 1,4-Dioxane	7.732	88	33177m	874.753	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	920319	252.947	ug/l	99
52) Toluene	8.720	92	368712	48.626	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	225767	51.860	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	246252	51.683	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	147145	51.745	ug/l	98
56) Ethyl methacrylate	9.116	69	227558	54.054	ug/l	100
57) 1,3-Dichloropropane	9.305	76	254703	51.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	578974	247.148	ug/l	100
59) 2-Hexanone	9.427	43	617131	256.730	ug/l	99
60) Dibromochloromethane	9.519	129	178055	53.388	ug/l	100
61) 1,2-Dibromoethane	9.610	107	151437	50.930	ug/l	98
64) Tetrachloroethene	9.275	164	118324	45.025	ug/l	98
65) Chlorobenzene	10.079	112	409612	47.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	144886	50.390	ug/l	99
67) Ethyl Benzene	10.189	91	707124	47.356	ug/l	100
68) m/p-Xylenes	10.299	106	526829	94.281	ug/l	100
69) o-Xylene	10.640	106	256952	48.337	ug/l	99
70) Styrene	10.652	104	455538	49.975	ug/l	99
71) Bromoform	10.799	173	111372	50.992	ug/l #	99
73) Isopropylbenzene	10.957	105	658316	47.143	ug/l	99
74) N-amyl acetate	10.841	43	277128	49.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	199045	49.900	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	166853m	50.928	ug/l	
77) Bromobenzene	11.195	156	165609	49.444	ug/l	99
78) n-propylbenzene	11.299	91	780436	46.768	ug/l	99
79) 2-Chlorotoluene	11.360	91	474112	47.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	545300	47.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43870	34.499	ug/l	98
82) 4-Chlorotoluene	11.451	91	554152	47.595	ug/l	100
83) tert-Butylbenzene	11.713	119	551319	47.613	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	554881	48.221	ug/l	100
85) sec-Butylbenzene	11.890	105	669009	46.241	ug/l	100
86) p-Isopropyltoluene	12.006	119	565570	47.139	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	303368	47.668	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	302789	46.961	ug/l	98
89) n-Butylbenzene	12.329	91	527023	46.840	ug/l	99
90) Hexachloroethane	12.536	117	102837	47.912	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	288861	47.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39433	51.501	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	191541	47.662	ug/l	99
94) Hexachlorobutadiene	13.725	225	67223	49.185	ug/l	98
95) Naphthalene	13.774	128	603234	51.203	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	186271	48.112	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047263.D
Acq On : 08 Aug 2025 11:04
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 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:55:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

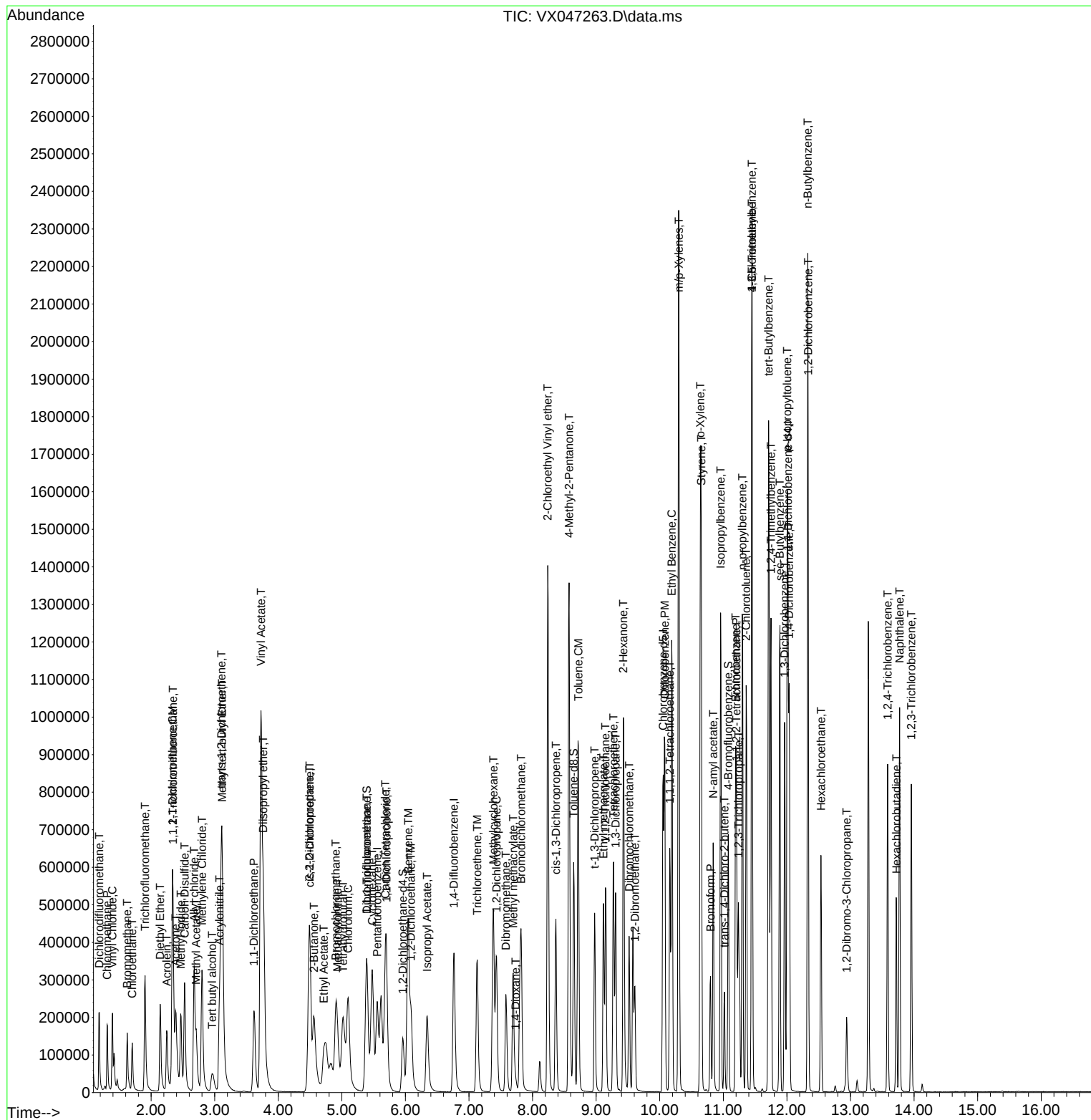
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047263.D
Acq On : 08 Aug 2025 11:04
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:55:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 11 01:55:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	75	0.00
2 T	Dichlorodifluoromethane	0.664	0.667	-0.5	65	0.00
3 P	Chloromethane	0.657	0.589	10.4	63	0.00
4 C	Vinyl Chloride	0.706	0.710	-0.6#	68	0.00
5 T	Bromomethane	0.384	0.311	19.0	52	0.00
6 T	Chloroethane	0.464	0.400	13.8	63	0.00
7 T	Trichlorofluoromethane	1.053	1.005	4.6	65	0.00
8 T	Diethyl Ether	0.371	0.396	-6.7	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.634	0.596	6.0	66	0.00
10 T	Methyl Iodide	0.647	0.986	-52.4#	101	0.00
11 T	Tert butyl alcohol	0.080	0.080	0.0	81	0.00
12 CM	1,1-Dichloroethene	0.628	0.599	4.6#	66	0.00
13 T	Acrolein	0.134	0.132	1.5	71	0.00
14 T	Allyl chloride	1.136	1.055	7.1	64	0.00
15 T	Acrylonitrile	0.297	0.312	-5.1	71	0.00
16 T	Acetone	0.250	0.257	-2.8	76	0.00
17 T	Carbon Disulfide	1.818	1.734	4.6	67	0.00
18 T	Methyl Acetate	0.663	0.755	-13.9	82	0.00
19 T	Methyl tert-butyl Ether	1.912	2.122	-11.0	77	0.00
20 T	Methylene Chloride	0.686	0.701	-2.2	72	0.00
21 T	trans-1,2-Dichloroethene	0.643	0.645	-0.3	69	0.00
22 T	Diisopropyl ether	2.184	2.331	-6.7	74	0.00
23 T	Vinyl Acetate	1.752	1.958	-11.8	75	0.00
24 P	1,1-Dichloroethane	1.214	1.219	-0.4	70	0.00
25 T	2-Butanone	0.363	0.374	-3.0	71	0.00
26 T	2,2-Dichloropropane	0.940	0.890	5.3	68	0.00
27 T	cis-1,2-Dichloroethene	0.761	0.792	-4.1	73	0.00
28 T	Bromochloromethane	0.559	0.576	-3.0	71	0.00
29 T	Tetrahydrofuran	0.234	0.239	-2.1	70	0.00
30 C	Chloroform	1.236	1.259	-1.9#	73	0.00
31 T	Cyclohexane	1.164	1.037	10.9	64	0.00
32 T	1,1,1-Trichloroethane	1.074	1.047	2.5	69	0.00
33 S	1,2-Dichloroethane-d4	0.623	0.660	-5.9	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.309	0.323	-4.5	86	0.00
36 T	1,1-Dichloropropene	0.526	0.466	11.4	67	0.00
37 T	Ethyl Acetate	0.485	0.500	-3.1	77	0.00
38 T	Carbon Tetrachloride	0.562	0.511	9.1	67	0.00
39 T	Methylcyclohexane	0.657	0.585	11.0	66	0.00
40 TM	Benzene	1.523	1.481	2.8	70	0.00
41 T	Methacrylonitrile	0.254	0.231	9.1	62	0.00
42 TM	1,2-Dichloroethane	0.536	0.553	-3.2	75	-0.01
43 T	Isopropyl Acetate	0.756	0.806	-6.6	74	0.00
44 TM	Trichloroethene	0.391	0.371	5.1	69	0.00
45 C	1,2-Dichloropropane	0.381	0.379	0.5#	73	0.00
46 T	Dibromomethane	0.267	0.286	-7.1	76	0.00
47 T	Bromodichloromethane	0.569	0.589	-3.5	75	0.00
48 T	Methyl methacrylate	0.412	0.417	-1.2	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 11 01:55:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	0.005	0.004	20.0	62	0.07
50 S	Toluene-d8	1.000	0.902	9.8	77	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.455	-1.3	72	0.00
52 CM	Toluene	0.936	0.911	2.7#	70	0.00
53 T	t-1,3-Dichloropropene	0.538	0.558	-3.7	74	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.608	-3.4	73	0.00
55 T	1,1,2-Trichloroethane	0.351	0.363	-3.4	76	0.00
56 T	Ethyl methacrylate	0.520	0.562	-8.1	74	0.00
57 T	1,3-Dichloropropane	0.610	0.629	-3.1	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.289	0.286	1.0	69	0.00
59 T	2-Hexanone	0.297	0.305	-2.7	70	0.00
60 T	Dibromochloromethane	0.412	0.440	-6.8	78	0.00
61 T	1,2-Dibromoethane	0.367	0.374	-1.9	74	0.00
62 S	4-Bromofluorobenzene	0.431	0.434	-0.7	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.360	0.325	9.7	68	0.00
65 PM	Chlorobenzene	1.171	1.124	4.0	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.397	-0.8	74	0.00
67 C	Ethyl Benzene	2.048	1.940	5.3#	69	0.00
68 T	m/p-Xylenes	0.766	0.723	5.6	69	0.00
69 T	o-Xylene	0.729	0.705	3.3	70	0.00
70 T	Styrene	1.250	1.250	0.0	72	0.00
71 P	Bromoform	0.300	0.306	-2.0	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.945	3.719	5.7	68	0.00
74 T	N-amyl acetate	1.592	1.566	1.6	69	0.00
75 P	1,1,2,2-Tetrachloroethane	1.127	1.125	0.2	74	0.00
76 T	1,2,3-Trichloropropane	0.925	0.943	-1.9	75	0.00
77 T	Bromobenzene	0.946	0.936	1.1	73	0.00
78 T	n-propylbenzene	4.714	4.409	6.5	68	0.00
79 T	2-Chlorotoluene	2.818	2.679	4.9	70	0.00
80 T	1,3,5-Trimethylbenzene	3.259	3.081	5.5	69	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.248	30.9#	50	0.00
82 T	4-Chlorotoluene	3.289	3.131	4.8	69	0.00
83 T	tert-Butylbenzene	3.271	3.115	4.8	69	0.00
84 T	1,2,4-Trimethylbenzene	3.251	3.135	3.6	69	0.00
85 T	sec-Butylbenzene	4.087	3.780	7.5	68	0.00
86 T	p-Isopropyltoluene	3.389	3.195	5.7	68	0.00
87 T	1,3-Dichlorobenzene	1.798	1.714	4.7	71	0.00
88 T	1,4-Dichlorobenzene	1.821	1.711	6.0	71	0.00
89 T	n-Butylbenzene	3.178	2.977	6.3	68	0.00
90 T	Hexachloroethane	0.606	0.581	4.1	70	0.00
91 T	1,2-Dichlorobenzene	1.718	1.632	5.0	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.223	-3.2	74	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.082	4.7	70	0.00
94 T	Hexachlorobutadiene	0.386	0.380	1.6	74	0.00
95 T	Naphthalene	3.328	3.408	-2.4	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047263.D
Acq On : 08 Aug 2025 11:04
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 11 01:55:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	1.094	1.052	3.8	71	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 11 01:55:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	50.233	-0.5	65	0.00
3 P	Chloromethane	50.000	44.813	10.4	63	0.00
4 C	Vinyl Chloride	50.000	50.289	-0.6#	68	0.00
5 T	Bromomethane	50.000	40.533	18.9	52	0.00
6 T	Chloroethane	50.000	43.086	13.8	63	0.00
7 T	Trichlorofluoromethane	50.000	47.721	4.6	65	0.00
8 T	Diethyl Ether	50.000	53.386	-6.8	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.978	6.0	66	0.00
10 T	Methyl Iodide	50.000	76.275	-52.6#	101	0.00
11 T	Tert butyl alcohol	250.000	275.312	-10.1	81	0.00
12 CM	1,1-Dichloroethene	50.000	47.660	4.7#	66	0.00
13 T	Acrolein	250.000	246.829	1.3	71	0.00
14 T	Allyl chloride	50.000	46.460	7.1	64	0.00
15 T	Acrylonitrile	250.000	262.259	-4.9	71	0.00
16 T	Acetone	250.000	257.878	-3.2	76	0.00
17 T	Carbon Disulfide	50.000	47.687	4.6	67	0.00
18 T	Methyl Acetate	50.000	56.900	-13.8	82	0.00
19 T	Methyl tert-butyl Ether	50.000	55.484	-11.0	77	0.00
20 T	Methylene Chloride	50.000	51.083	-2.2	72	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.145	-0.3	69	0.00
22 T	Diisopropyl ether	50.000	53.368	-6.7	74	0.00
23 T	Vinyl Acetate	250.000	279.430	-11.8	75	0.00
24 P	1,1-Dichloroethane	50.000	50.183	-0.4	70	0.00
25 T	2-Butanone	250.000	257.412	-3.0	71	0.00
26 T	2,2-Dichloropropane	50.000	47.324	5.4	68	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.011	-4.0	73	0.00
28 T	Bromochloromethane	50.000	51.573	-3.1	71	0.00
29 T	Tetrahydrofuran	250.000	255.374	-2.1	70	0.00
30 C	Chloroform	50.000	50.945	-1.9#	73	0.00
31 T	Cyclohexane	50.000	44.545	10.9	64	0.00
32 T	1,1,1-Trichloroethane	50.000	48.780	2.4	69	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.998	-6.0	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	52.289	-4.6	86	0.00
36 T	1,1-Dichloropropene	50.000	44.257	11.5	67	0.00
37 T	Ethyl Acetate	50.000	51.587	-3.2	77	0.00
38 T	Carbon Tetrachloride	50.000	45.487	9.0	67	0.00
39 T	Methylcyclohexane	50.000	44.533	10.9	66	0.00
40 TM	Benzene	50.000	48.635	2.7	70	0.00
41 T	Methacrylonitrile	50.000	45.575	8.8	62	0.00
42 TM	1,2-Dichloroethane	50.000	51.565	-3.1	75	-0.01
43 T	Isopropyl Acetate	50.000	53.328	-6.7	74	0.00
44 TM	Trichloroethene	50.000	47.480	5.0	69	0.00
45 C	1,2-Dichloropropane	50.000	49.621	0.8#	73	0.00
46 T	Dibromomethane	50.000	53.551	-7.1	76	0.00
47 T	Bromodichloromethane	50.000	51.701	-3.4	75	0.00
48 T	Methyl methacrylate	50.000	50.579	-1.2	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 11 01:55:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	874.753	12.5	62	0.07
50 S	Toluene-d8	50.000	45.110	9.8	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.947	-1.2	72	0.00
52 CM	Toluene	50.000	48.626	2.7#	70	0.00
53 T	t-1,3-Dichloropropene	50.000	51.860	-3.7	74	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.683	-3.4	73	0.00
55 T	1,1,2-Trichloroethane	50.000	51.745	-3.5	76	0.00
56 T	Ethyl methacrylate	50.000	54.054	-8.1	74	0.00
57 T	1,3-Dichloropropane	50.000	51.537	-3.1	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.148	1.1	69	0.00
59 T	2-Hexanone	250.000	256.730	-2.7	70	0.00
60 T	Dibromochloromethane	50.000	53.388	-6.8	78	0.00
61 T	1,2-Dibromoethane	50.000	50.930	-1.9	74	0.00
62 S	4-Bromofluorobenzene	50.000	50.394	-0.8	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	45.025	10.0	68	0.00
65 PM	Chlorobenzene	50.000	47.963	4.1	72	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.390	-0.8	74	0.00
67 C	Ethyl Benzene	50.000	47.356	5.3#	69	0.00
68 T	m/p-Xylenes	100.000	94.281	5.7	69	0.00
69 T	o-Xylene	50.000	48.337	3.3	70	0.00
70 T	Styrene	50.000	49.975	0.0	72	0.00
71 P	Bromoform	50.000	50.992	-2.0	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	47.143	5.7	68	0.00
74 T	N-ethyl acetate	50.000	49.185	1.6	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.900	0.2	74	0.00
76 T	1,2,3-Trichloropropane	50.000	50.928	-1.9	75	0.00
77 T	Bromobenzene	50.000	49.444	1.1	73	0.00
78 T	n-propylbenzene	50.000	46.768	6.5	68	0.00
79 T	2-Chlorotoluene	50.000	47.530	4.9	70	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.267	5.5	69	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	34.499	31.0#	50	0.00
82 T	4-Chlorotoluene	50.000	47.595	4.8	69	0.00
83 T	tert-Butylbenzene	50.000	47.613	4.8	69	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.221	3.6	69	0.00
85 T	sec-Butylbenzene	50.000	46.241	7.5	68	0.00
86 T	p-Isopropyltoluene	50.000	47.139	5.7	68	0.00
87 T	1,3-Dichlorobenzene	50.000	47.668	4.7	71	0.00
88 T	1,4-Dichlorobenzene	50.000	46.961	6.1	71	0.00
89 T	n-Butylbenzene	50.000	46.840	6.3	68	0.00
90 T	Hexachloroethane	50.000	47.912	4.2	70	0.00
91 T	1,2-Dichlorobenzene	50.000	47.490	5.0	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.501	-3.0	74	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.662	4.7	70	0.00
94 T	Hexachlorobutadiene	50.000	49.185	1.6	74	0.00
95 T	Naphthalene	50.000	51.203	-2.4	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047263.D
Acq On : 08 Aug 2025 11:04
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 11 01:55:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	48.112	3.8	71	0.00

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CHEM02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2812</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/12/2025 09:53</u>
Lab File ID:	<u>VX047284.D</u>	Init. Calib. Date(s):	<u>07/21/2025 07/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:47 11:32</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.700		5.42	20
Chloromethane	0.657	0.619	0.1	-5.78	20
Vinyl Chloride	0.706	0.710		0.57	20
Ethyl Acetate	0.485	0.559		15.26	20
Bromomethane	0.384	0.423		10.16	20
Chloroethane	0.464	0.423		-8.84	20
Trichlorofluoromethane	1.053	1.060		0.67	20
1,1,2-Trichlorotrifluoroethane	0.634	0.627		-1.1	20
Tert butyl alcohol	0.080	0.075		-6.25	20
1,1-Dichloroethene	0.628	0.616		-1.91	20
Acrolein	0.134	0.186		38.81	20
Acrylonitrile	0.297	0.308		3.7	20
Acetone	0.250	0.262		4.8	20
Carbon Disulfide	1.818	1.741		-4.24	20
Methyl tert-butyl Ether	1.912	2.026		5.96	20
Methyl Acetate	0.663	0.767		15.69	20
Methylene Chloride	0.686	0.675		-1.6	20
trans-1,2-Dichloroethene	0.643	0.644		0.16	20
Vinyl Acetate	1.752	1.878		7.19	20
1,1-Dichloroethane	1.214	1.182	0.1	-2.64	20
Cyclohexane	1.164	1.087		-6.61	20
2-Butanone	0.363	0.348		-4.13	20
Carbon Tetrachloride	0.562	0.553		-1.6	20
2,2-Dichloropropane	0.940	0.956		1.7	20
cis-1,2-Dichloroethene	0.761	0.747		-1.84	20
Bromochloromethane	0.559	0.571		2.15	20
Chloroform	1.236	1.217		-1.54	20
1,1,1-Trichloroethane	1.074	1.058		-1.49	20
Methylcyclohexane	0.657	0.628		-4.41	20
1,1-Dichloropropene	0.526	0.503		-4.37	20
Benzene	1.523	1.515		-0.52	20
1,2-Dichloroethane	0.536	0.553		3.17	20
Trichloroethene	0.391	0.385		-1.53	20
1,2-Dichloropropane	0.381	0.386		1.31	20
Dibromomethane	0.267	0.283		5.99	20
Bromodichloromethane	0.569	0.591		3.87	20
4-Methyl-2-Pentanone	0.449	0.476		6.01	20
Toluene	0.936	0.940		0.43	20

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CHEM02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2812</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/12/2025 09:53</u>
Lab File ID:	<u>VX047284.D</u>	Init. Calib. Date(s):	<u>07/21/2025 07/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:47 11:32</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.538	0.566		5.2	20
cis-1,3-Dichloropropene	0.588	0.609		3.57	20
1,1,2-Trichloroethane	0.351	0.368		4.84	20
1,3-Dichloropropane	0.610	0.631		3.44	20
2-Chloroethyl Vinyl ether	0.289	0.274		-5.19	20
2-Hexanone	0.297	0.332		11.78	20
Dibromochloromethane	0.412	0.442		7.28	20
1,2-Dibromoethane	0.367	0.380		3.54	20
Tetrachloroethene	0.360	0.352		-2.22	20
Chlorobenzene	1.171	1.165	0.3	-0.51	20
1,1,1,2-Tetrachloroethane	0.394	0.409		3.81	20
Hexachloroethane	0.606	0.598		-1.32	20
Ethyl Benzene	2.048	2.055		0.34	20
m/p-Xylenes	0.766	0.769		0.39	20
o-Xylene	0.729	0.741		1.65	20
Styrene	1.250	1.290		3.2	20
Bromoform	0.300	0.320	0.1	6.67	20
Isopropylbenzene	3.945	3.828		-2.97	20
1,1,2,2-Tetrachloroethane	1.127	1.141	0.3	1.24	20
1,2,3-Trichloropropane	0.925	0.947		2.38	20
Bromobenzene	0.946	0.935		-1.16	20
n-propylbenzene	4.714	4.551		-3.46	20
2-Chlorotoluene	2.818	2.721		-3.44	20
1,3,5-Trimethylbenzene	3.259	3.156		-3.16	20
4-Chlorotoluene	3.289	3.195		-2.86	20
tert-Butylbenzene	3.271	3.178		-2.84	20
1,2,4-Trimethylbenzene	3.251	3.200		-1.57	20
sec-Butylbenzene	4.087	3.871		-5.28	20
p-Isopropyltoluene	3.389	3.238		-4.46	20
1,3-Dichlorobenzene	1.798	1.747		-2.84	20
1,4-Dichlorobenzene	1.821	1.758		-3.46	20
n-Butylbenzene	3.178	2.992		-5.85	20
1,2-Dichlorobenzene	1.718	1.683		-2.04	20
1,2-Dibromo-3-Chloropropane	0.216	0.231		6.94	20
1,2,4-Trichlorobenzene	1.135	1.121		-1.23	20
Hexachlorobutadiene	0.386	0.362		-6.22	20
Naphthalene	3.328	3.398		2.1	20
1,2,3-Trichlorobenzene	1.094	1.054		-3.66	20

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CHEM02
Lab Code: ACE SDG No.: Q2812
Instrument ID: MSVOA_X Calibration Date/Time: 08/12/2025 09:53
Lab File ID: VX047284.D Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.583		-6.42	20
Dibromofluoromethane	0.309	0.317		2.59	20
Toluene-d8	1.000	0.887		-11.3	20
4-Bromofluorobenzene	0.431	0.427		-0.93	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\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 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 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	329997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	165820	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	129559	46.806	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.620%
35) Dibromofluoromethane	5.385	113	117517	51.356	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	8.647	98	328825	44.372	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.740%#
62) 4-Bromofluorobenzene	11.079	95	158071	49.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	155590	52.715	ug/l	100
3) Chloromethane	1.307	50	137480	47.089	ug/l	99
4) Vinyl Chloride	1.392	62	157861	50.300	ug/l	99
5) Bromomethane	1.624	94	93907	55.083	ug/l	93
6) Chloroethane	1.703	64	93985	45.596	ug/l	98
7) Trichlorofluoromethane	1.904	101	235450	50.312	ug/l	100
8) Diethyl Ether	2.142	74	84117	50.979	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	139422	49.450	ug/l	99
10) Methyl Iodide	2.465	142	233157	81.141	ug/l	98
11) Tert butyl alcohol	2.959	59	83732	259.145	ug/l	96
12) 1,1-Dichloroethene	2.331	96	136776	48.979	ug/l	98
13) Acrolein	2.246	56	206229	346.019	ug/l	98
14) Allyl chloride	2.678	41	244509	48.438	ug/l	98
15) Acrylonitrile	3.075	53	342687	259.583	ug/l	99
16) Acetone	2.386	43	290870	262.311	ug/l	99
17) Carbon Disulfide	2.526	76	386866	47.887	ug/l	99
18) Methyl Acetate	2.709	43	170441	57.839	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	450282	52.982	ug/l	100
20) Methylene Chloride	2.800	84	150032	49.181	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	143173	50.102	ug/l	97
22) Diisopropyl ether	3.764	45	493086	50.807	ug/l	93
23) Vinyl Acetate	3.727	43	2086840	268.090	ug/l	99
24) 1,1-Dichloroethane	3.617	63	262729	48.683	ug/l	99
25) 2-Butanone	4.562	43	386326	239.268	ug/l	99
26) 2,2-Dichloropropane	4.483	77	212515	50.870	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	166093	49.083	ug/l	99
28) Bromochloromethane	4.904	49	126965	51.137	ug/l	99
29) Tetrahydrofuran	5.019	42	247390	237.470	ug/l	99
30) Chloroform	5.099	83	270514	49.242	ug/l	99
31) Cyclohexane	5.477	56	241451	46.661	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	235167	49.285	ug/l	99
36) 1,1-Dichloropropene	5.696	75	186422	47.793	ug/l	100
37) Ethyl Acetate	4.715	43	207345	57.688	ug/l	96
38) Carbon Tetrachloride	5.678	117	204829	49.200	ug/l	98
39) Methylcyclohexane	7.379	83	232810	47.804	ug/l	98
40) Benzene	6.044	78	561481	49.740	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 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 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	86875	46.227	ug/l	91
42) 1,2-Dichloroethane	6.092	62	205046	51.566	ug/l	99
43) Isopropyl Acetate	6.342	43	307837	54.939	ug/l	99
44) Trichloroethene	7.129	130	142617	49.268	ug/l	98
45) 1,2-Dichloropropane	7.428	63	143089	50.611	ug/l	98
46) Dibromomethane	7.580	93	104791	52.854	ug/l	99
47) Bromodichloromethane	7.818	83	218872	51.865	ug/l	99
48) Methyl methacrylate	7.690	41	155179	50.837	ug/l	97
49) 1,4-Dioxane	7.671	88	33749	972.087	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	882345	264.926	ug/l	98
52) Toluene	8.714	92	348287	50.178	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	209827	52.654	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	225848	51.782	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	136289	52.358	ug/l	98
56) Ethyl methacrylate	9.116	69	213603	55.430	ug/l	99
57) 1,3-Dichloropropane	9.305	76	233683	51.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	507700	236.756	ug/l	99
59) 2-Hexanone	9.427	43	616087	279.986	ug/l	100
60) Dibromochloromethane	9.519	129	163831	53.664	ug/l	100
61) 1,2-Dibromoethane	9.610	107	140997	51.802	ug/l	99
64) Tetrachloroethene	9.275	164	116103	48.805	ug/l	97
65) Chlorobenzene	10.073	112	384598	49.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	135093	51.903	ug/l	99
67) Ethyl Benzene	10.189	91	678292	50.181	ug/l	99
68) m/p-Xylenes	10.299	106	507852	100.400	ug/l	99
69) o-Xylene	10.640	106	244621	50.835	ug/l	99
70) Styrene	10.653	104	425811	51.604	ug/l	99
71) Bromoform	10.799	173	105702	53.462	ug/l #	97
73) Isopropylbenzene	10.957	105	634683	48.515	ug/l	99
74) N-amyl acetate	10.842	43	274324	51.971	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	189270	50.649	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	157017m	51.158	ug/l	
77) Bromobenzene	11.195	156	155095	49.428	ug/l	99
78) n-propylbenzene	11.299	91	754576	48.268	ug/l	100
79) 2-Chlorotoluene	11.360	91	451205	48.283	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	523346	48.423	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39232	32.932	ug/l	97
82) 4-Chlorotoluene	11.451	91	529783	48.570	ug/l	99
83) tert-Butylbenzene	11.713	119	526971	48.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	530631	49.223	ug/l	100
85) sec-Butylbenzene	11.890	105	641966	47.364	ug/l	100
86) p-Isopropyltoluene	12.006	119	536874	47.765	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	289704	48.591	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	291463	48.252	ug/l	98
89) n-Butylbenzene	12.329	91	496208	47.076	ug/l	99
90) Hexachloroethane	12.536	117	99243	49.356	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	279057	48.972	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38332	53.439	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	185818	49.356	ug/l	99
94) Hexachlorobutadiene	13.719	225	59948	46.820	ug/l	99
95) Naphthalene	13.774	128	563399	51.047	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	174714	48.170	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047284.D
Acq On : 12 Aug 2025 09:53
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 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:14:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

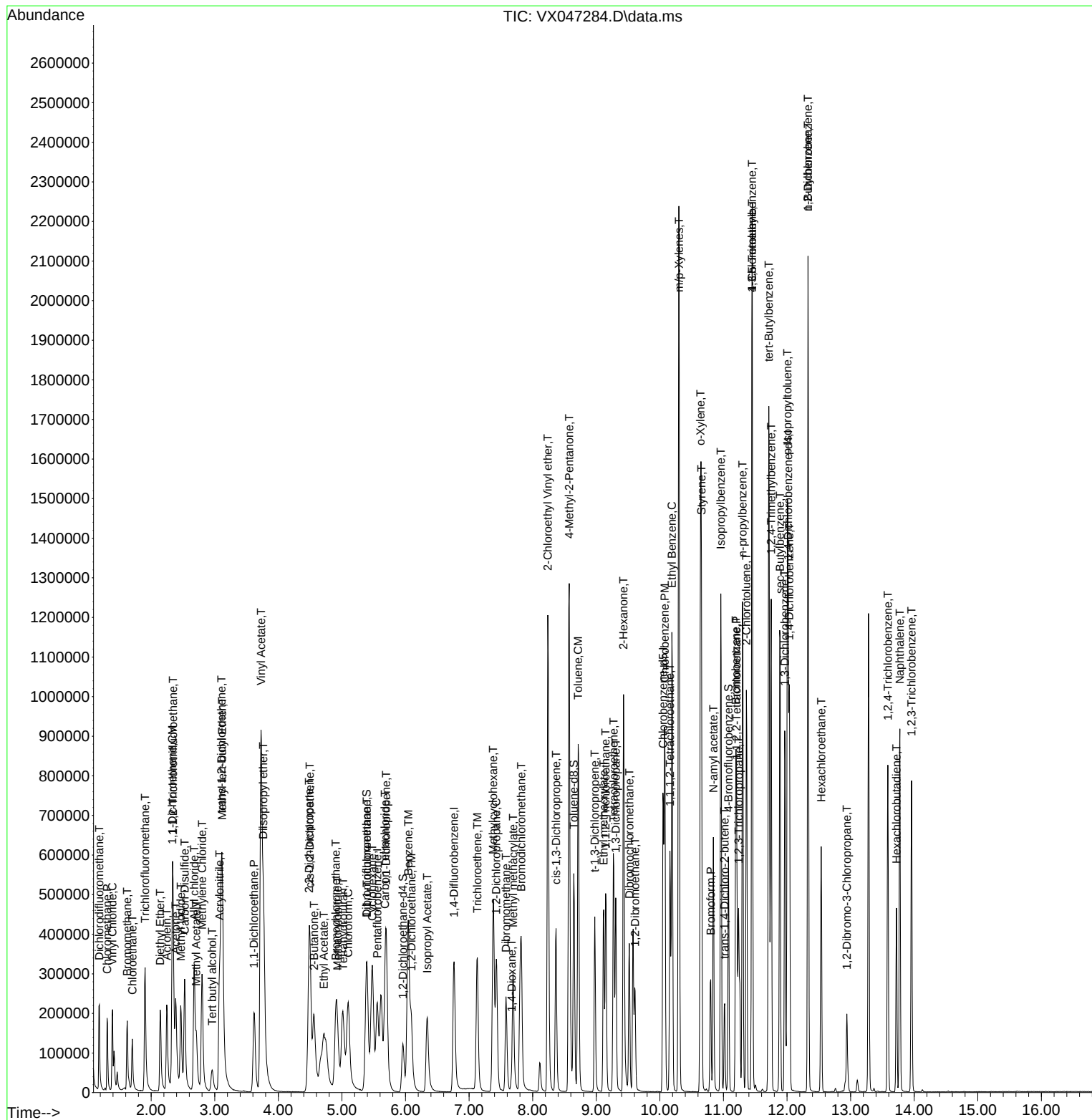
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	0.00
2 T	Dichlorodifluoromethane	0.664	0.700	-5.4	65	0.00
3 P	Chloromethane	0.657	0.619	5.8	63	0.00
4 C	Vinyl Chloride	0.706	0.710	-0.6#	65	0.00
5 T	Bromomethane	0.384	0.423	-10.2	68	0.00
6 T	Chloroethane	0.464	0.423	8.8	64	0.00
7 T	Trichlorofluoromethane	1.053	1.060	-0.7	66	0.00
8 T	Diethyl Ether	0.371	0.379	-2.2	70	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.634	0.627	1.1	67	0.00
10 T	Methyl Iodide	0.647	1.049	-62.1#	103	0.00
11 T	Tert butyl alcohol	0.080	0.075	6.3	74	0.00
12 CM	1,1-Dichloroethene	0.628	0.616	1.9#	65	0.00
13 T	Acrolein	0.134	0.186	-38.8#	96	0.00
14 T	Allyl chloride	1.136	1.100	3.2	64	0.00
15 T	Acrylonitrile	0.297	0.308	-3.7	67	0.00
16 T	Acetone	0.250	0.262	-4.8	75	0.00
17 T	Carbon Disulfide	1.818	1.741	4.2	64	0.00
18 T	Methyl Acetate	0.663	0.767	-15.7	80	0.00
19 T	Methyl tert-butyl Ether	1.912	2.026	-6.0	71	0.00
20 T	Methylene Chloride	0.686	0.675	1.6	67	0.00
21 T	trans-1,2-Dichloroethene	0.643	0.644	-0.2	66	0.00
22 T	Diisopropyl ether	2.184	2.219	-1.6	67	0.00
23 T	Vinyl Acetate	1.752	1.878	-7.2	69	0.00
24 P	1,1-Dichloroethane	1.214	1.182	2.6	65	0.00
25 T	2-Butanone	0.363	0.348	4.1	64	0.00
26 T	2,2-Dichloropropane	0.940	0.956	-1.7	70	0.00
27 T	cis-1,2-Dichloroethene	0.761	0.747	1.8	66	0.00
28 T	Bromochloromethane	0.559	0.571	-2.1	67	0.00
29 T	Tetrahydrofuran	0.234	0.223	4.7	62	0.00
30 C	Chloroform	1.236	1.217	1.5#	68	0.00
31 T	Cyclohexane	1.164	1.087	6.6	64	0.00
32 T	1,1,1-Trichloroethane	1.074	1.058	1.5	67	0.00
33 S	1,2-Dichloroethane-d4	0.623	0.583	6.4	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.309	0.317	-2.6	77	-0.01
36 T	1,1-Dichloropropene	0.526	0.503	4.4	66	0.00
37 T	Ethyl Acetate	0.485	0.559	-15.3	79	0.00
38 T	Carbon Tetrachloride	0.562	0.553	1.6	67	-0.01
39 T	Methylcyclohexane	0.657	0.628	4.4	65	0.00
40 TM	Benzene	1.523	1.515	0.5	66	0.00
41 T	Methacrylonitrile	0.254	0.234	7.9	58	0.00
42 TM	1,2-Dichloroethane	0.536	0.553	-3.2	69	0.00
43 T	Isopropyl Acetate	0.756	0.831	-9.9	70	0.00
44 TM	Trichloroethene	0.391	0.385	1.5	66	0.00
45 C	1,2-Dichloropropane	0.381	0.386	-1.3#	68	0.00
46 T	Dibromomethane	0.267	0.283	-6.0	69	0.00
47 T	Bromodichloromethane	0.569	0.591	-3.9	69	0.00
48 T	Methyl methacrylate	0.412	0.419	-1.7	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	0.005	0.005	0.0	63	0.01
50 S	Toluene-d8	1.000	0.887	11.3	69	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.476	-6.0	69	0.00
52 CM	Toluene	0.936	0.940	-0.4#	66	0.00
53 T	t-1,3-Dichloropropene	0.538	0.566	-5.2	69	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.609	-3.6	67	0.00
55 T	1,1,2-Trichloroethane	0.351	0.368	-4.8	70	0.00
56 T	Ethyl methacrylate	0.520	0.576	-10.8	69	0.00
57 T	1,3-Dichloropropane	0.610	0.631	-3.4	69	0.00
58 T	2-Chloroethyl Vinyl ether	0.289	0.274	5.2	61	0.00
59 T	2-Hexanone	0.297	0.332	-11.8	69	0.00
60 T	Dibromochloromethane	0.412	0.442	-7.3	71	0.00
61 T	1,2-Dibromoethane	0.367	0.380	-3.5	69	0.00
62 S	4-Bromofluorobenzene	0.431	0.427	0.9	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
64 T	Tetrachloroethene	0.360	0.352	2.2	66	0.00
65 PM	Chlorobenzene	1.171	1.165	0.5	67	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.409	-3.8	69	0.00
67 C	Ethyl Benzene	2.048	2.055	-0.3#	66	0.00
68 T	m/p-Xylenes	0.766	0.769	-0.4	67	0.00
69 T	o-Xylene	0.729	0.741	-1.6	67	0.00
70 T	Styrene	1.250	1.290	-3.2	67	0.00
71 P	Bromoform	0.300	0.320	-6.7	70	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.945	3.828	3.0	66	0.00
74 T	N-amyl acetate	1.592	1.654	-3.9	69	0.00
75 P	1,1,2,2-Tetrachloroethane	1.127	1.141	-1.2	70	0.00
76 T	1,2,3-Trichloropropane	0.925	0.947	-2.4	71	0.00
77 T	Bromobenzene	0.946	0.935	1.2	68	0.00
78 T	n-propylbenzene	4.714	4.551	3.5	66	0.00
79 T	2-Chlorotoluene	2.818	2.721	3.4	67	0.00
80 T	1,3,5-Trimethylbenzene	3.259	3.156	3.2	66	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.237	34.0#	45#	0.00
82 T	4-Chlorotoluene	3.289	3.195	2.9	66	0.00
83 T	tert-Butylbenzene	3.271	3.178	2.8	66	0.00
84 T	1,2,4-Trimethylbenzene	3.251	3.200	1.6	66	0.00
85 T	sec-Butylbenzene	4.087	3.871	5.3	65	0.00
86 T	p-Isopropyltoluene	3.389	3.238	4.5	65	0.00
87 T	1,3-Dichlorobenzene	1.798	1.747	2.8	68	0.00
88 T	1,4-Dichlorobenzene	1.821	1.758	3.5	69	0.00
89 T	n-Butylbenzene	3.178	2.992	5.9	64	0.00
90 T	Hexachloroethane	0.606	0.598	1.3	68	0.00
91 T	1,2-Dichlorobenzene	1.718	1.683	2.0	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.231	-6.9	72	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.121	1.2	68	0.00
94 T	Hexachlorobutadiene	0.386	0.362	6.2	66	0.00
95 T	Naphthalene	3.328	3.398	-2.1	67	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047284.D
Acq On : 12 Aug 2025 09:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 01:14:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	1.094	1.054	3.7	67	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	0.00
2 T	Dichlorodifluoromethane	50.000	52.715	-5.4	65	0.00
3 P	Chloromethane	50.000	47.089	5.8	63	0.00
4 C	Vinyl Chloride	50.000	50.300	-0.6#	65	0.00
5 T	Bromomethane	50.000	55.083	-10.2	68	0.00
6 T	Chloroethane	50.000	45.596	8.8	64	0.00
7 T	Trichlorofluoromethane	50.000	50.312	-0.6	66	0.00
8 T	Diethyl Ether	50.000	50.979	-2.0	70	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.450	1.1	67	0.00
10 T	Methyl Iodide	50.000	81.141	-62.3#	103	0.00
11 T	Tert butyl alcohol	250.000	259.145	-3.7	74	0.00
12 CM	1,1-Dichloroethene	50.000	48.979	2.0#	65	0.00
13 T	Acrolein	250.000	346.019	-38.4#	96	0.00
14 T	Allyl chloride	50.000	48.438	3.1	64	0.00
15 T	Acrylonitrile	250.000	259.583	-3.8	67	0.00
16 T	Acetone	250.000	262.311	-4.9	75	0.00
17 T	Carbon Disulfide	50.000	47.887	4.2	64	0.00
18 T	Methyl Acetate	50.000	57.839	-15.7	80	0.00
19 T	Methyl tert-butyl Ether	50.000	52.982	-6.0	71	0.00
20 T	Methylene Chloride	50.000	49.181	1.6	67	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.102	-0.2	66	0.00
22 T	Diisopropyl ether	50.000	50.807	-1.6	67	0.00
23 T	Vinyl Acetate	250.000	268.090	-7.2	69	0.00
24 P	1,1-Dichloroethane	50.000	48.683	2.6	65	0.00
25 T	2-Butanone	250.000	239.268	4.3	64	0.00
26 T	2,2-Dichloropropane	50.000	50.870	-1.7	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.083	1.8	66	0.00
28 T	Bromochloromethane	50.000	51.137	-2.3	67	0.00
29 T	Tetrahydrofuran	250.000	237.470	5.0	62	0.00
30 C	Chloroform	50.000	49.242	1.5#	68	0.00
31 T	Cyclohexane	50.000	46.661	6.7	64	0.00
32 T	1,1,1-Trichloroethane	50.000	49.285	1.4	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.806	6.4	73	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	51.356	-2.7	77	-0.01
36 T	1,1-Dichloropropene	50.000	47.793	4.4	66	0.00
37 T	Ethyl Acetate	50.000	57.688	-15.4	79	0.00
38 T	Carbon Tetrachloride	50.000	49.200	1.6	67	-0.01
39 T	Methylcyclohexane	50.000	47.804	4.4	65	0.00
40 TM	Benzene	50.000	49.740	0.5	66	0.00
41 T	Methacrylonitrile	50.000	46.227	7.5	58	0.00
42 TM	1,2-Dichloroethane	50.000	51.566	-3.1	69	0.00
43 T	Isopropyl Acetate	50.000	54.939	-9.9	70	0.00
44 TM	Trichloroethene	50.000	49.268	1.5	66	0.00
45 C	1,2-Dichloropropane	50.000	50.611	-1.2#	68	0.00
46 T	Dibromomethane	50.000	52.854	-5.7	69	0.00
47 T	Bromodichloromethane	50.000	51.865	-3.7	69	0.00
48 T	Methyl methacrylate	50.000	50.837	-1.7	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	972.087	2.8	63	0.01
50 S	Toluene-d8	50.000	44.372	11.3	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.926	-6.0	69	0.00
52 CM	Toluene	50.000	50.178	-0.4#	66	0.00
53 T	t-1,3-Dichloropropene	50.000	52.654	-5.3	69	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.782	-3.6	67	0.00
55 T	1,1,2-Trichloroethane	50.000	52.358	-4.7	70	0.00
56 T	Ethyl methacrylate	50.000	55.430	-10.9	69	0.00
57 T	1,3-Dichloropropane	50.000	51.654	-3.3	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	236.756	5.3	61	0.00
59 T	2-Hexanone	250.000	279.986	-12.0	69	0.00
60 T	Dibromochloromethane	50.000	53.664	-7.3	71	0.00
61 T	1,2-Dibromoethane	50.000	51.802	-3.6	69	0.00
62 S	4-Bromofluorobenzene	50.000	49.497	1.0	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64 T	Tetrachloroethene	50.000	48.805	2.4	66	0.00
65 PM	Chlorobenzene	50.000	49.749	0.5	67	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.903	-3.8	69	0.00
67 C	Ethyl Benzene	50.000	50.181	-0.4#	66	0.00
68 T	m/p-Xylenes	100.000	100.400	-0.4	67	0.00
69 T	o-Xylene	50.000	50.835	-1.7	67	0.00
70 T	Styrene	50.000	51.604	-3.2	67	0.00
71 P	Bromoform	50.000	53.462	-6.9	70	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73 T	Isopropylbenzene	50.000	48.515	3.0	66	0.00
74 T	N-amyl acetate	50.000	51.971	-3.9	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.649	-1.3	70	0.00
76 T	1,2,3-Trichloropropane	50.000	51.158	-2.3	71	0.00
77 T	Bromobenzene	50.000	49.428	1.1	68	0.00
78 T	n-propylbenzene	50.000	48.268	3.5	66	0.00
79 T	2-Chlorotoluene	50.000	48.283	3.4	67	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.423	3.2	66	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	32.932	34.1#	45	0.00
82 T	4-Chlorotoluene	50.000	48.570	2.9	66	0.00
83 T	tert-Butylbenzene	50.000	48.579	2.8	66	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.223	1.6	66	0.00
85 T	sec-Butylbenzene	50.000	47.364	5.3	65	0.00
86 T	p-Isopropyltoluene	50.000	47.765	4.5	65	0.00
87 T	1,3-Dichlorobenzene	50.000	48.591	2.8	68	0.00
88 T	1,4-Dichlorobenzene	50.000	48.252	3.5	69	0.00
89 T	n-Butylbenzene	50.000	47.076	5.8	64	0.00
90 T	Hexachloroethane	50.000	49.356	1.3	68	0.00
91 T	1,2-Dichlorobenzene	50.000	48.972	2.1	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.439	-6.9	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.356	1.3	68	0.00
94 T	Hexachlorobutadiene	50.000	46.820	6.4	66	0.00
95 T	Naphthalene	50.000	51.047	-2.1	67	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047284.D
Acq On : 12 Aug 2025 09:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 01:14:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	48.170	3.7	67	0.00

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



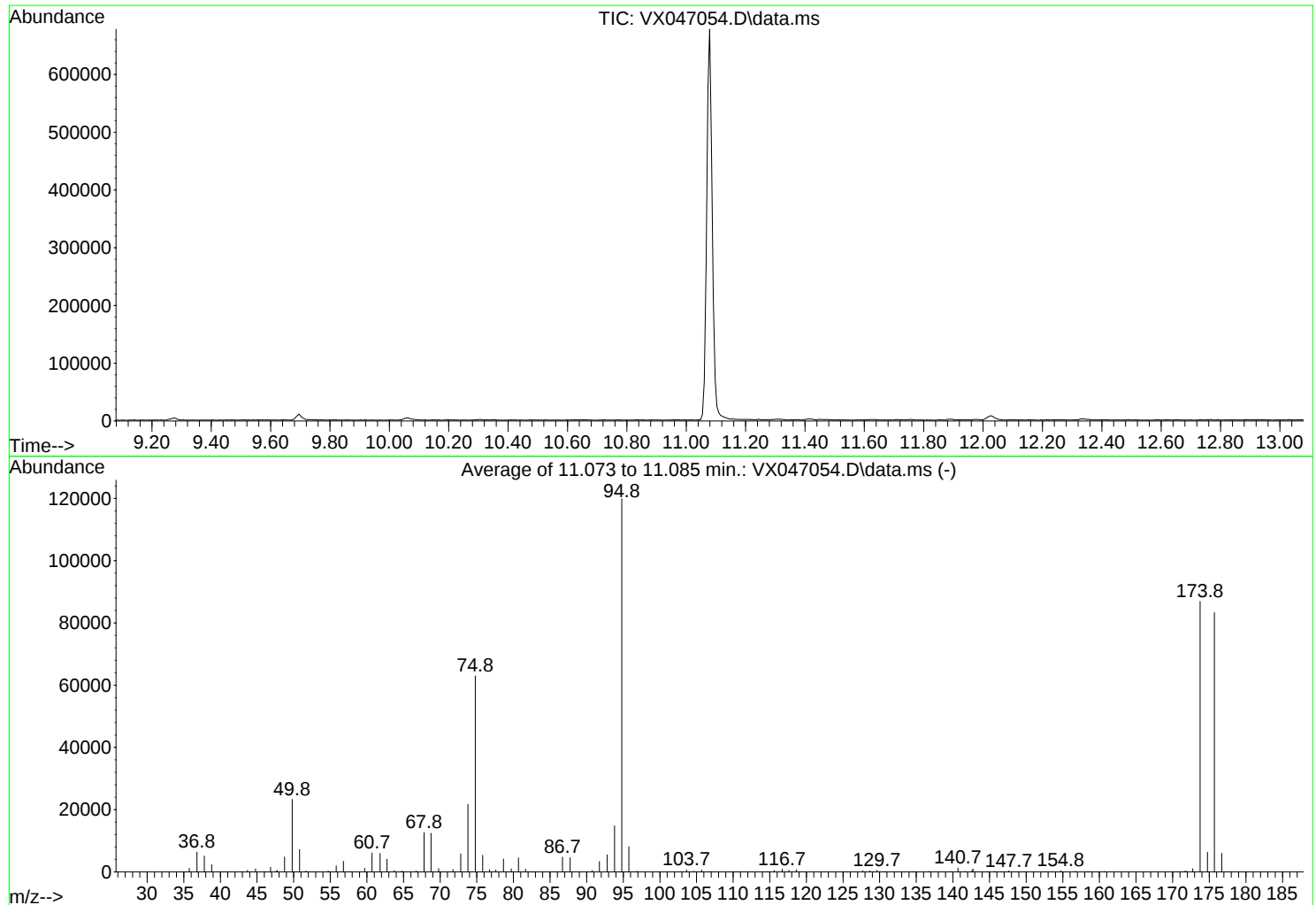
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047054.D
Acq On : 21 Jul 2025 08:53
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\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

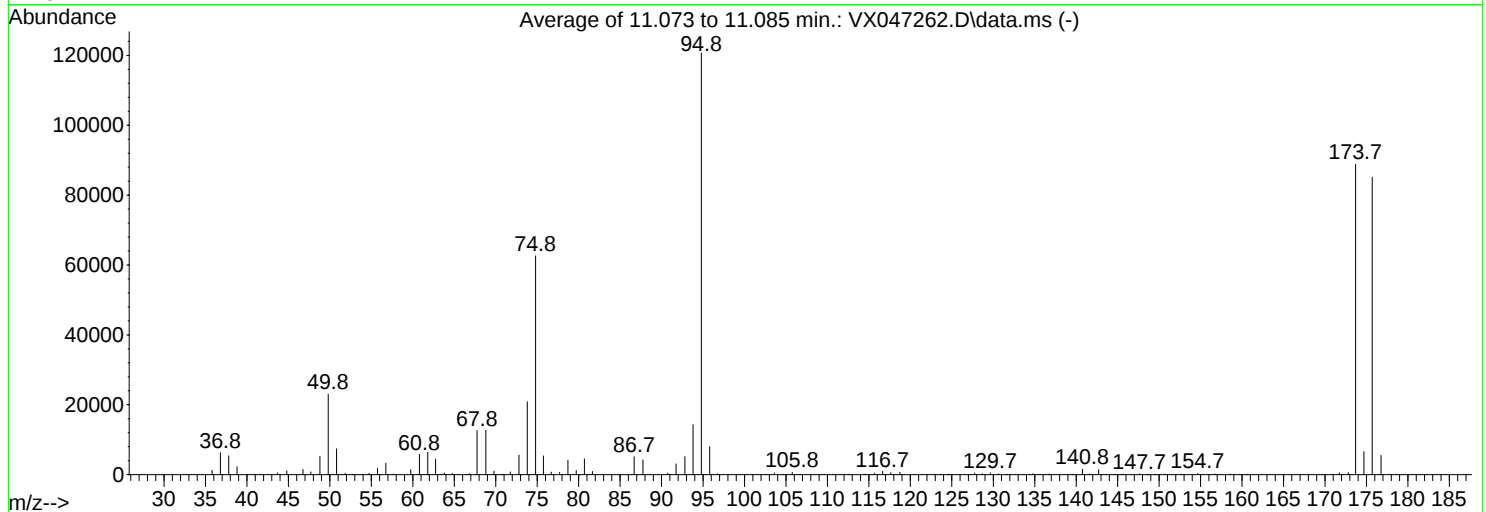
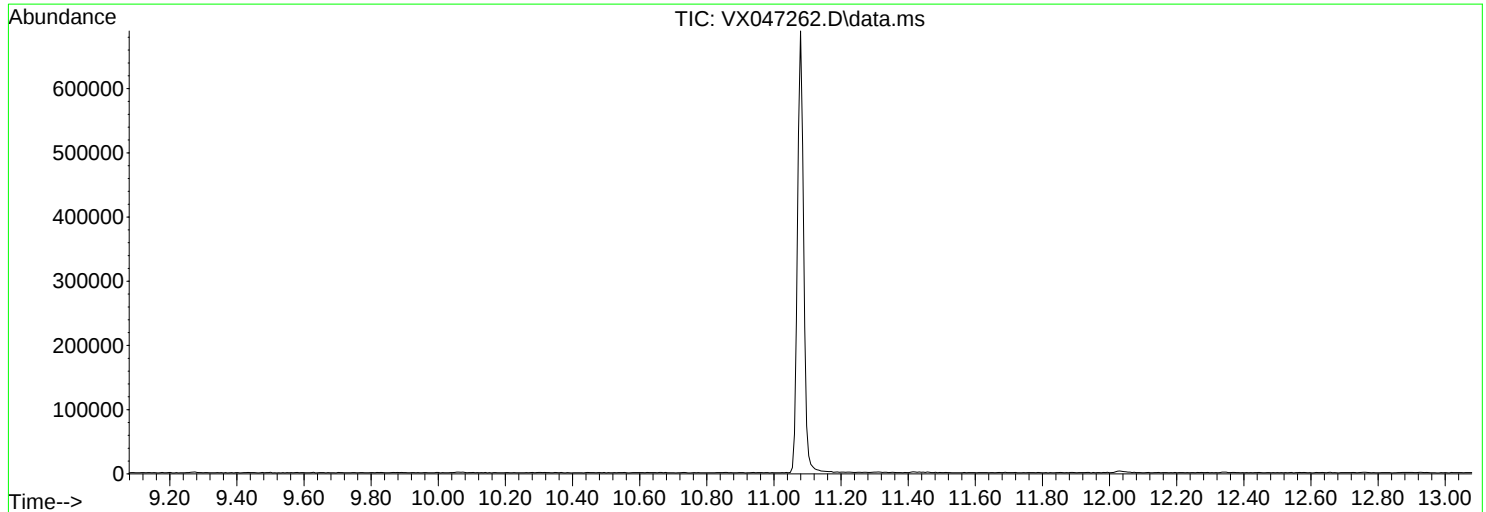
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	23312	PASS
75	95	30	60	52.5	62997	PASS
95	95	100	100	100.0	119888	PASS
96	95	5	9	6.8	8138	PASS
173	174	0.00	2	1.2	1064	PASS
174	95	50	100	72.5	86899	PASS
175	174	5	9	7.3	6373	PASS
176	174	95	101	95.9	83323	PASS
177	176	5	9	7.2	5999	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047262.D
Acq On : 08 Aug 2025 10:04
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\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

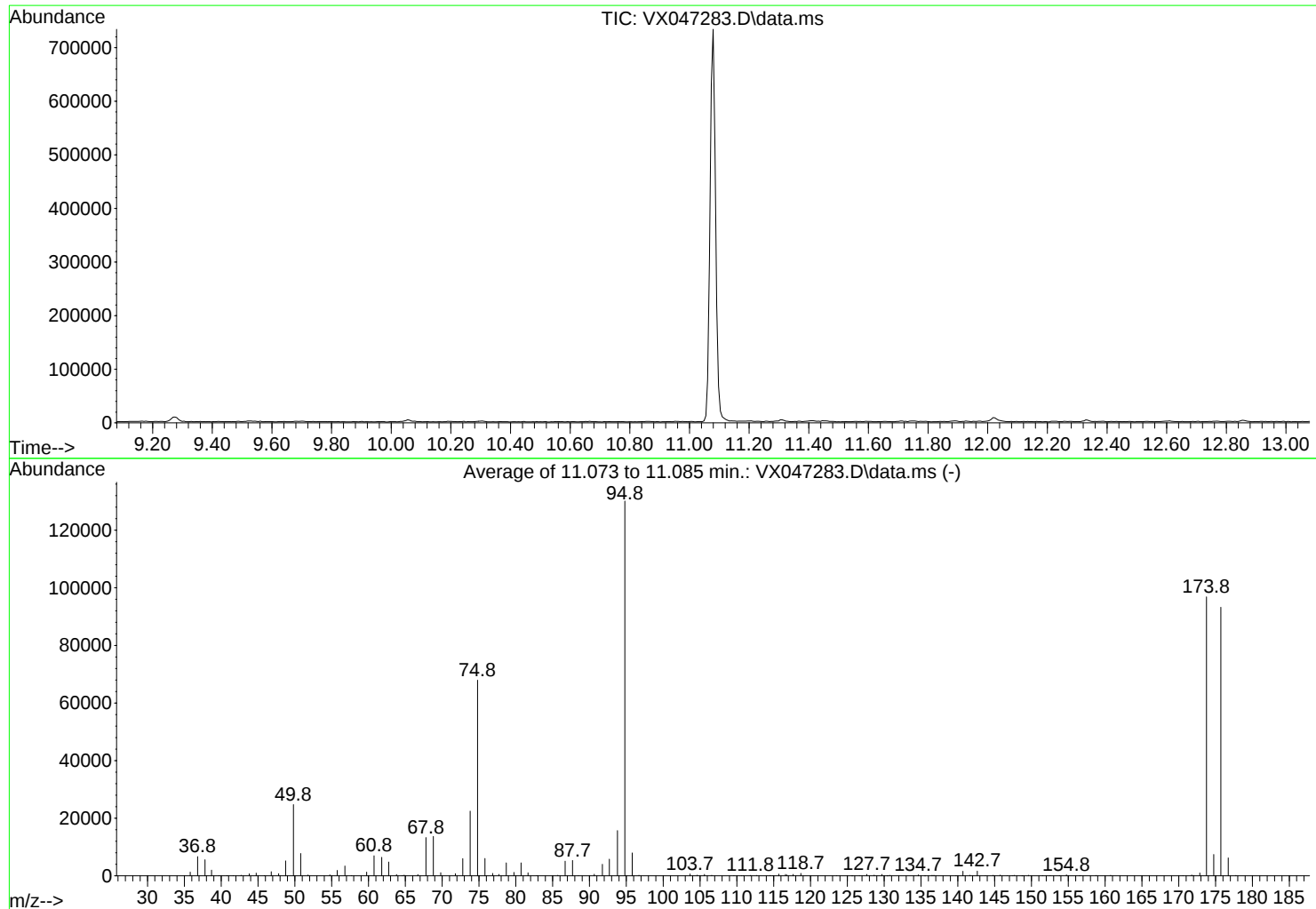
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.1	23027	PASS
75	95	30	60	51.9	62619	PASS
95	95	100	100	100.0	120720	PASS
96	95	5	9	6.6	7998	PASS
173	174	0.00	2	0.7	595	PASS
174	95	50	100	73.6	88856	PASS
175	174	5	9	7.4	6602	PASS
176	174	95	101	95.8	85136	PASS
177	176	5	9	6.5	5516	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047283.D
Acq On : 12 Aug 2025 07:51
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\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	24728	PASS
75	95	30	60	52.2	67917	PASS
95	95	100	100	100.0	130141	PASS
96	95	5	9	6.1	7939	PASS
173	174	0.00	2	1.0	984	PASS
174	95	50	100	74.4	96872	PASS
175	174	5	9	7.6	7407	PASS
176	174	95	101	96.3	93272	PASS
177	176	5	9	6.7	6236	PASS

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBL01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047265.D	1	08/08/25 12:19	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBL01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047265.D	1	08/08/25 12:19	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBL01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047265.D	1	08/08/25 12:19	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	56.5		86 - 113	113%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	369000	5.556			
540-36-3	1,4-Difluorobenzene	681000	6.763			
3114-55-4	Chlorobenzene-d5	662000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	332000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBL01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047265.D	1	08/08/25 12:19	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047265.D
 Acq On : 08 Aug 2025 12:19
 Operator : JC/MD
 Sample : VX0808WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBL01

Quant Time: Aug 11 01:57:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	368606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	680757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	661932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	331943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	253067	55.114	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.220%
35) Dibromofluoromethane	5.391	113	212297	50.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	8.647	98	768537	56.460	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	112.920%#
62) 4-Bromofluorobenzene	11.079	95	316689	53.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.980%

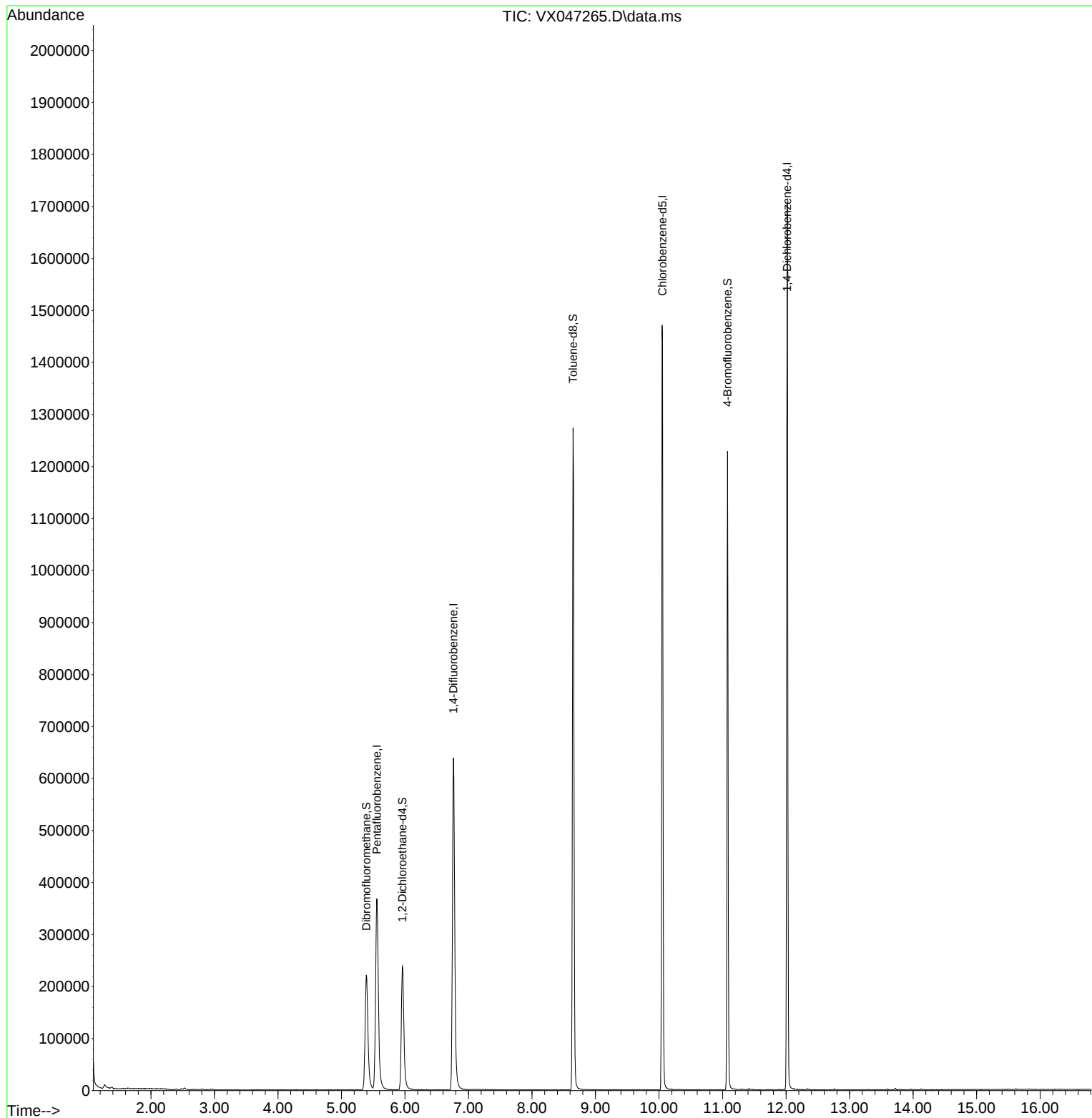
Target Compounds	Qvalue

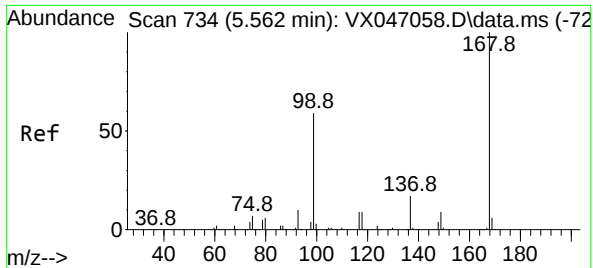
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047265.D
Acq On : 08 Aug 2025 12:19
Operator : JC/MD
Sample : VX0808WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

Quant Time: Aug 11 01:57:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

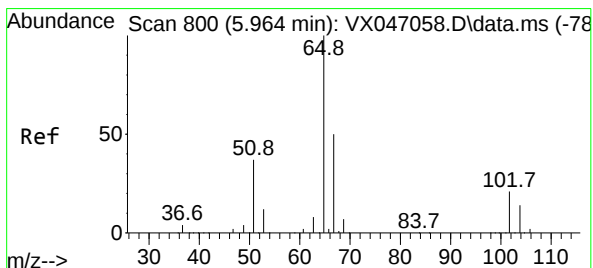
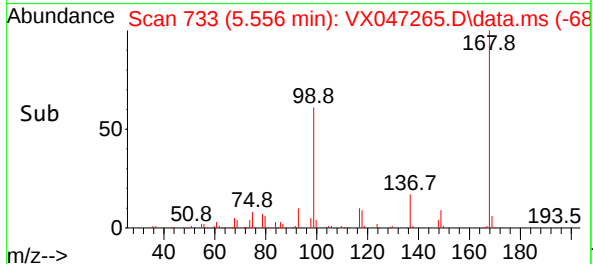
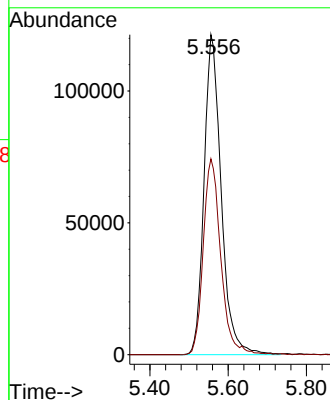
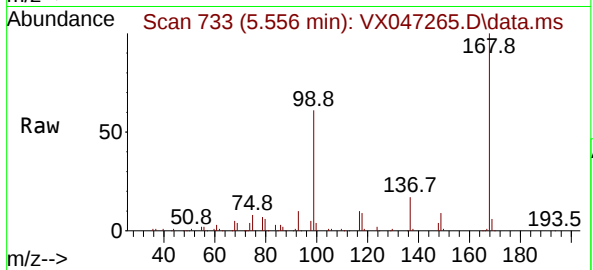




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

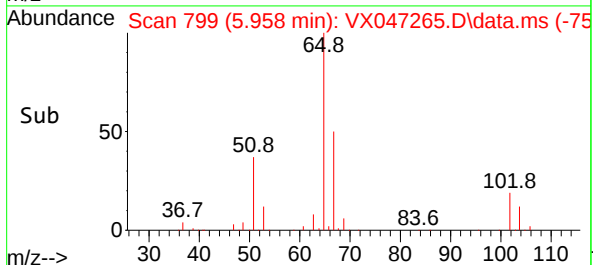
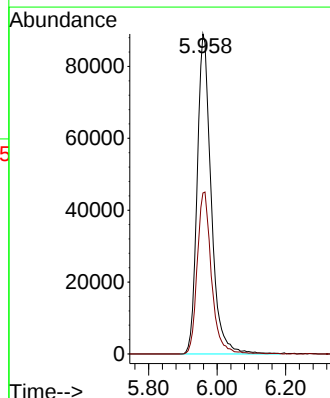
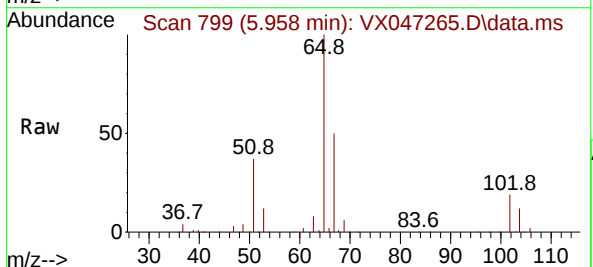
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

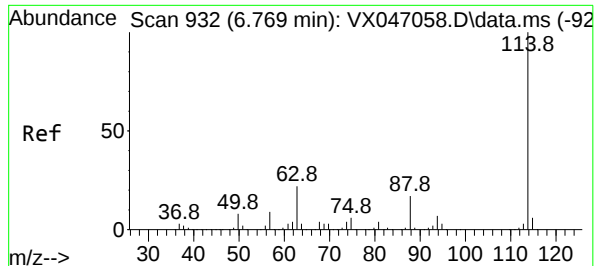
Tgt Ion:168 Resp: 368606
Ion Ratio Lower Upper
168 100
99 61.2 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 55.114 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 65 Resp: 253067
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBL01

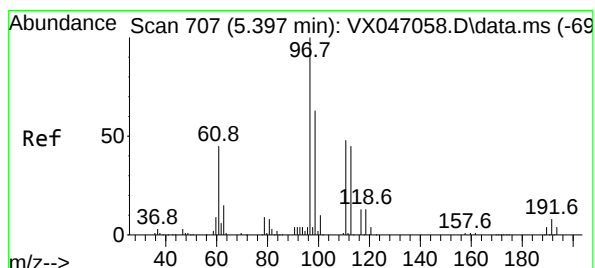
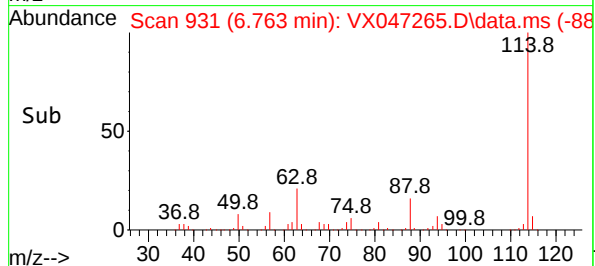
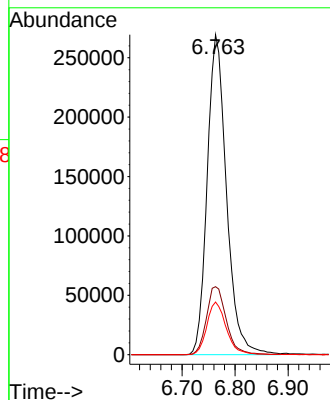
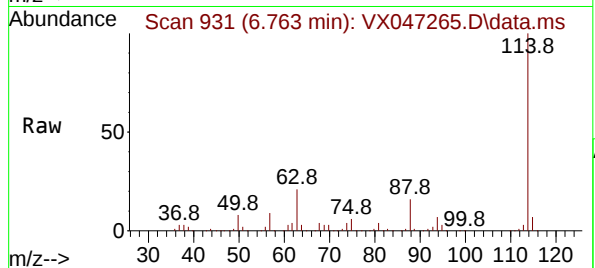
Tgt Ion:114 Resp: 680757

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 16.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.508 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

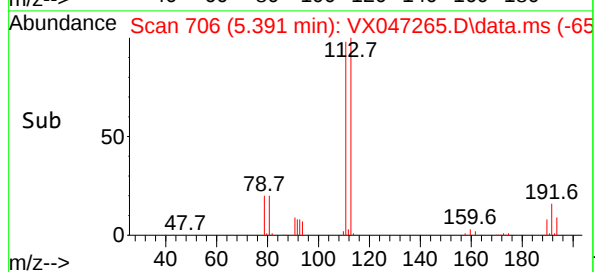
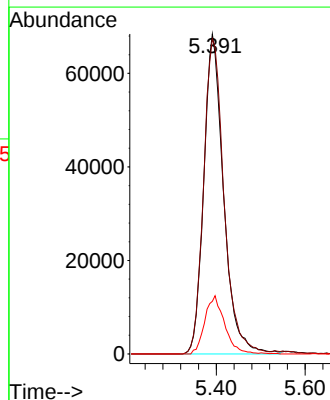
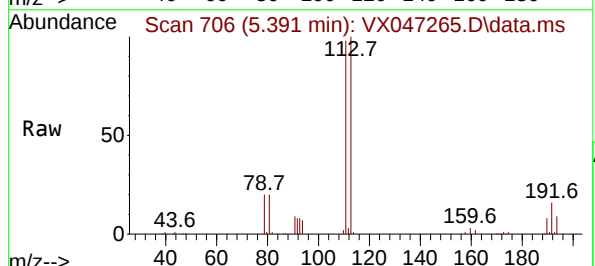
Tgt Ion:113 Resp: 212297

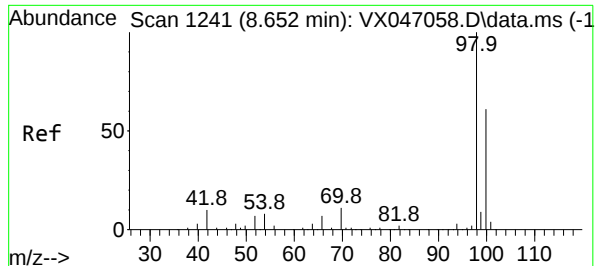
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 18.1 14.9 22.3





#50

Toluene-d8

Concen: 56.460 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

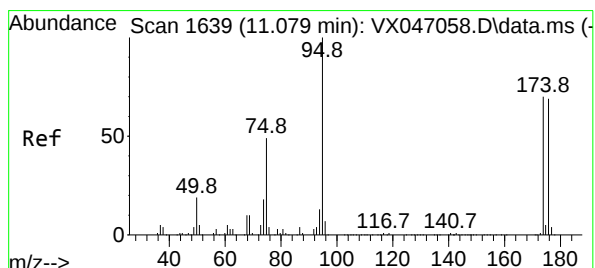
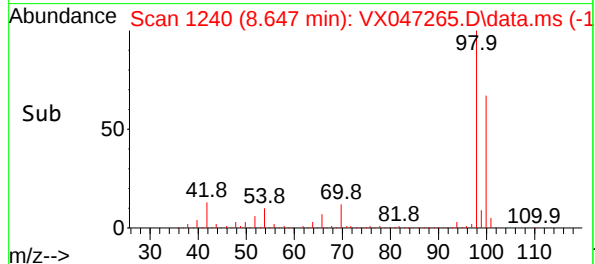
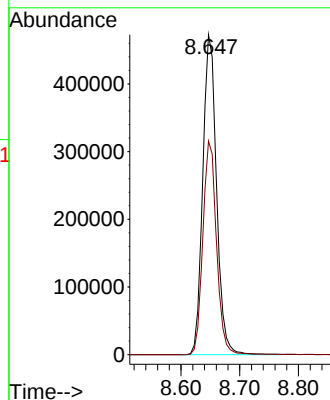
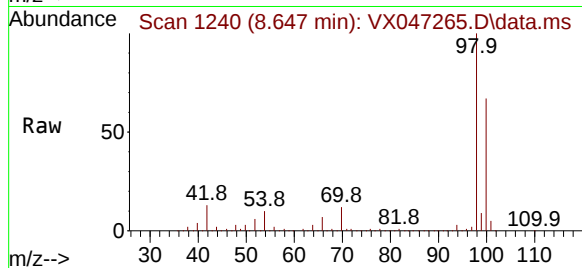
VX0808WBL01

Tgt Ion: 98 Resp: 768537

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 53.987 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

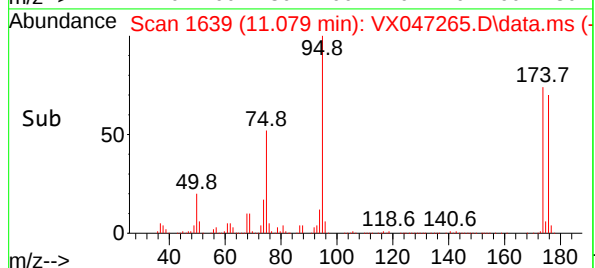
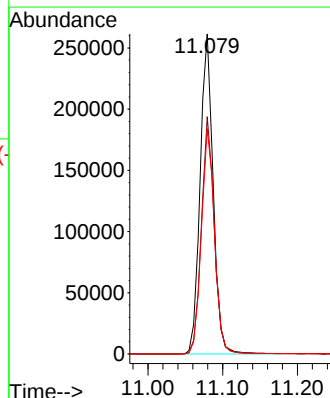
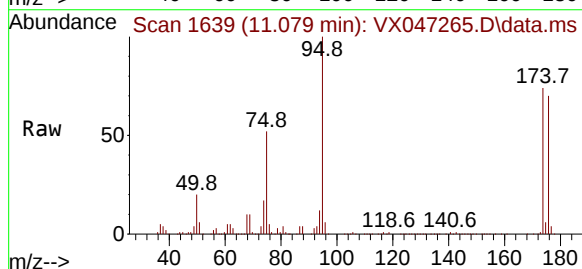
Tgt Ion: 95 Resp: 316689

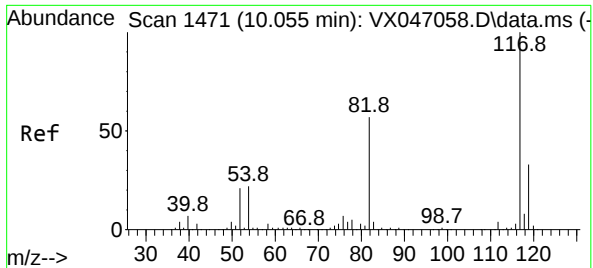
Ion Ratio Lower Upper

95 100

174 73.1 0.0 144.6

176 70.9 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBL01

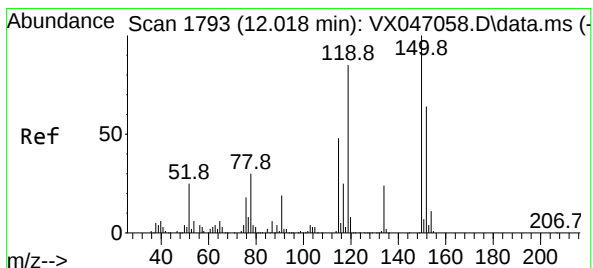
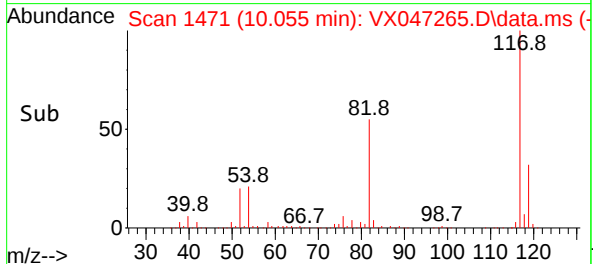
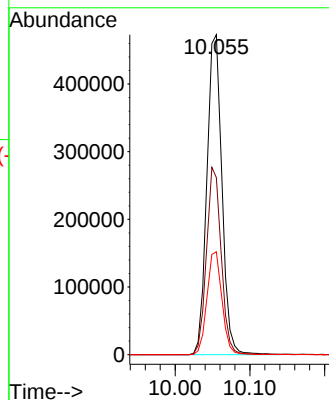
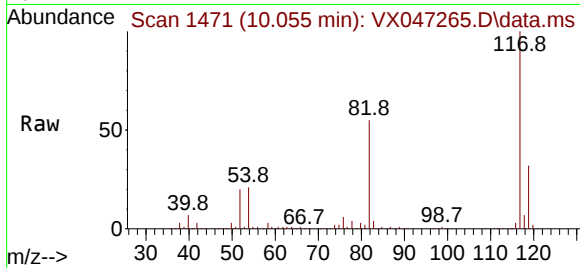
Tgt Ion:117 Resp: 661932

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.2

119 32.1 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

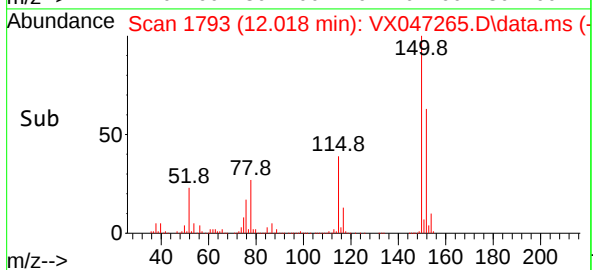
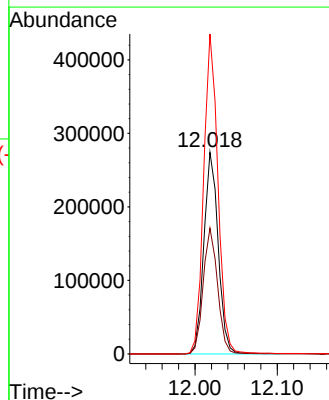
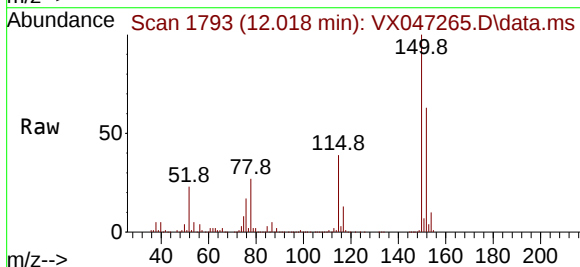
Tgt Ion:152 Resp: 331943

Ion Ratio Lower Upper

152 100

115 62.8 45.6 136.7

150 158.0 0.0 354.6



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0812WBL02			SDG No.:	Q2812
Lab Sample ID:	VX0812WBL02			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047287.D	1	08/12/25 11:17	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0812WBL02		SDG No.:	Q2812
Lab Sample ID:	VX0812WBL02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047287.D	1	08/12/25 11:17	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0812WBL02	SDG No.:	Q2812
Lab Sample ID:	VX0812WBL02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047287.D	1	08/12/25 11:17	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.8		74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	55.1		86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	347000	5.562			
540-36-3	1,4-Difluorobenzene	664000	6.763			
3114-55-4	Chlorobenzene-d5	641000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	313000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0812WBL02			SDG No.:	Q2812
Lab Sample ID:	VX0812WBL02			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047287.D	1	08/12/25 11:17	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047287.D
 Acq On : 12 Aug 2025 11:17
 Operator : JC/MD
 Sample : VX0812WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBL02

Quant Time: Aug 13 01:17:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	346553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	664166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	641288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	313492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	241016	55.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.660%
35) Dibromofluoromethane	5.391	113	202875	49.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	8.647	98	731358	55.071	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.140%
62) 4-Bromofluorobenzene	11.079	95	304518	53.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.420%

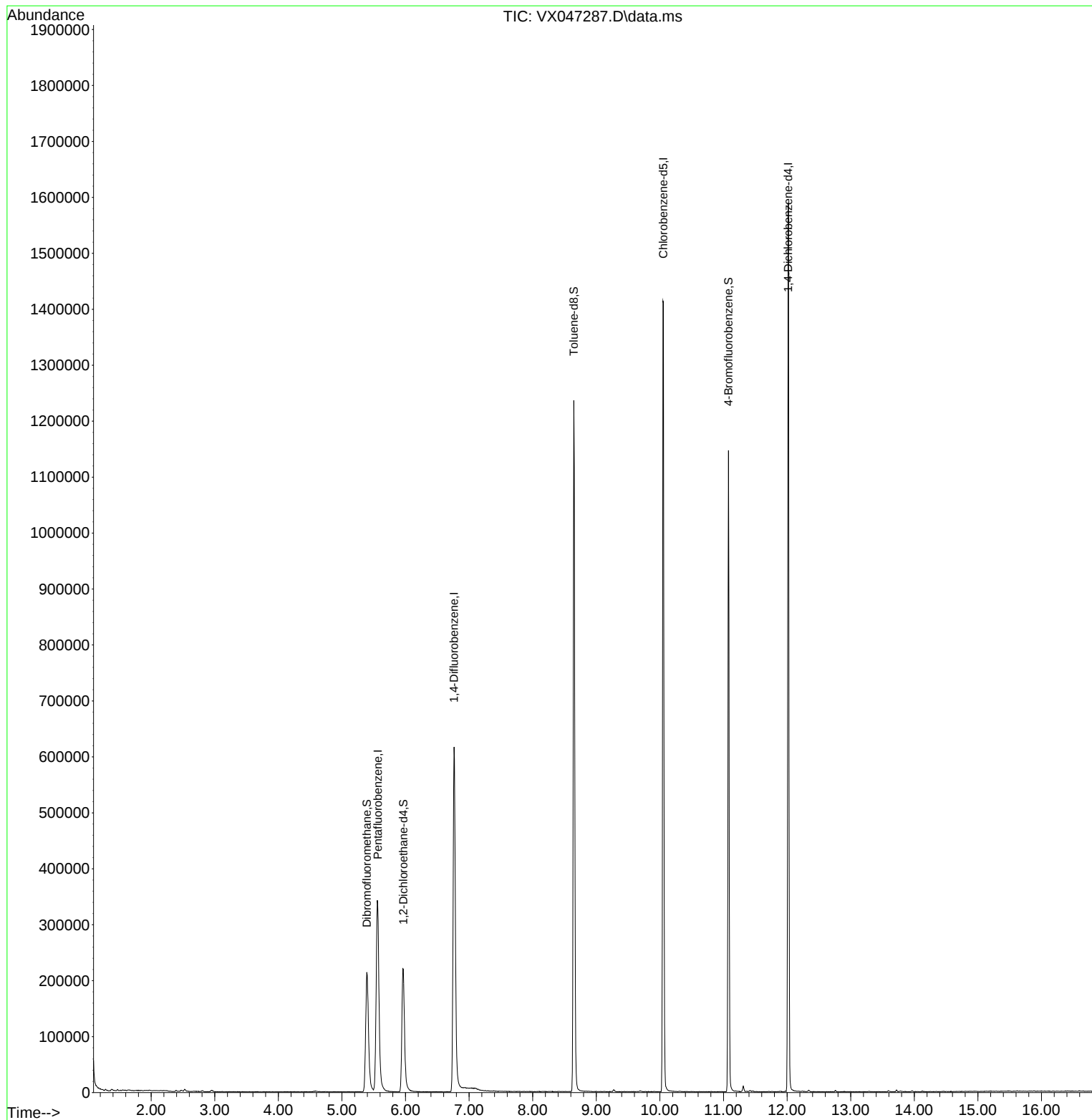
Target Compounds	Qvalue

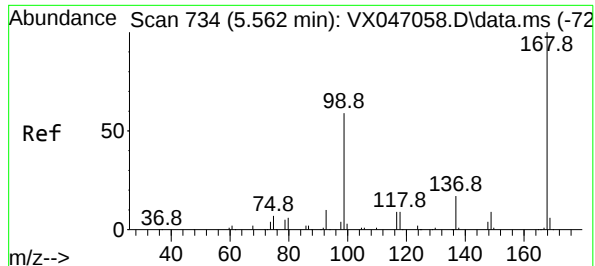
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047287.D
Acq On : 12 Aug 2025 11:17
Operator : JC/MD
Sample : VX0812WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL02

Quant Time: Aug 13 01:17:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

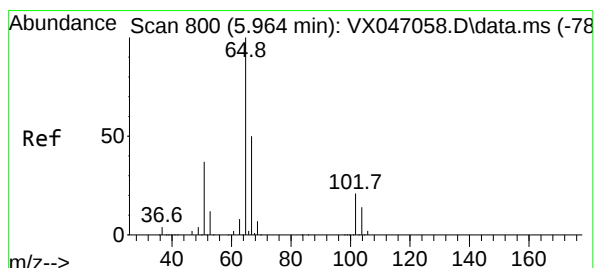
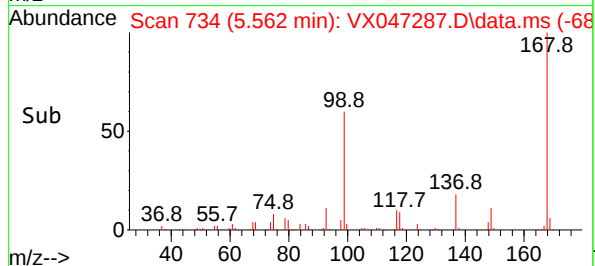
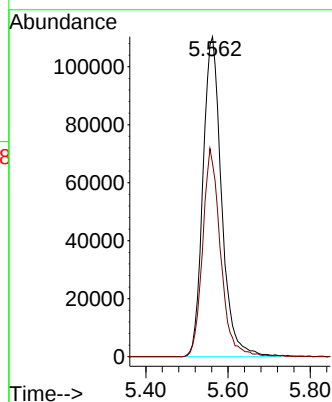
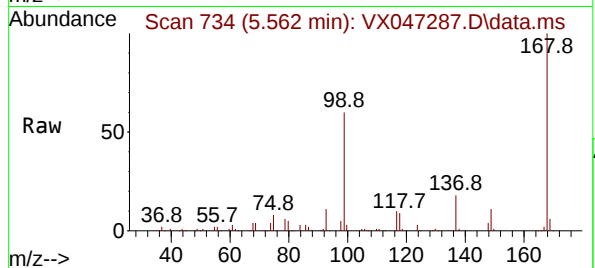




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047287.D
Acq: 12 Aug 2025 11:17

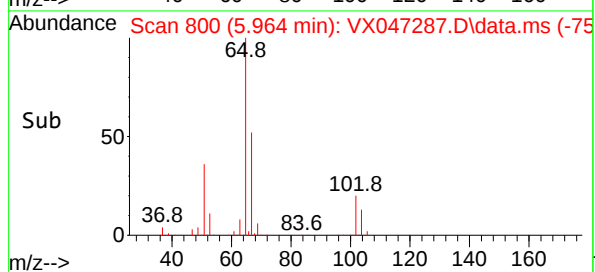
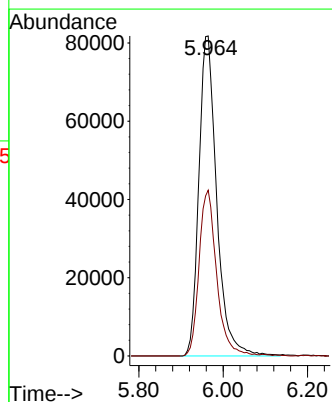
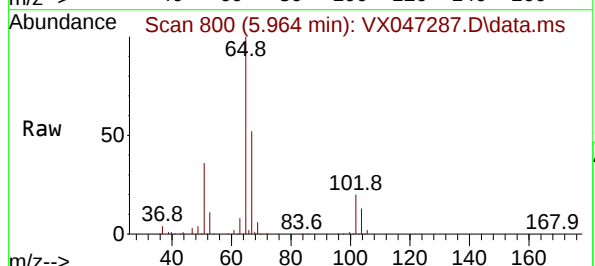
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL02

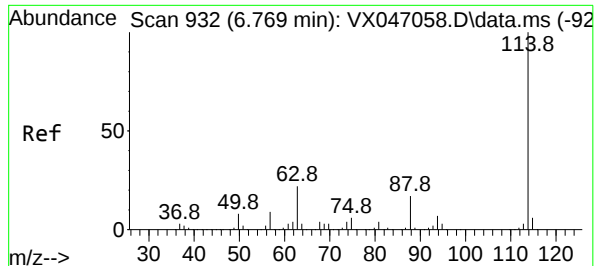
Tgt Ion:168 Resp: 346553
Ion Ratio Lower Upper
168 100
99 60.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 55.830 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047287.D
Acq: 12 Aug 2025 11:17

Tgt Ion: 65 Resp: 241016
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX047287.D

Acq: 12 Aug 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBL02

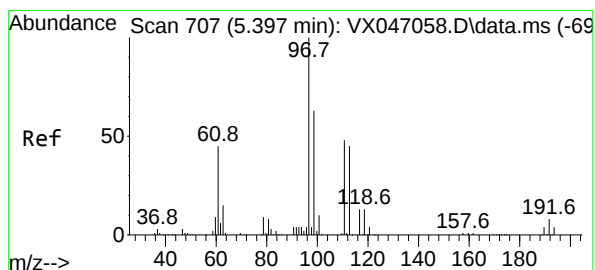
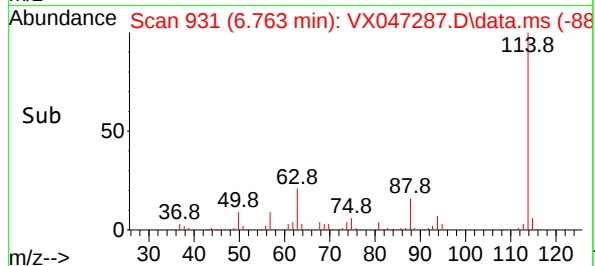
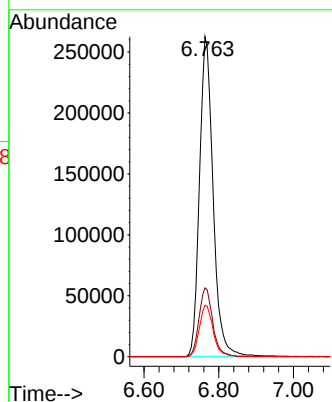
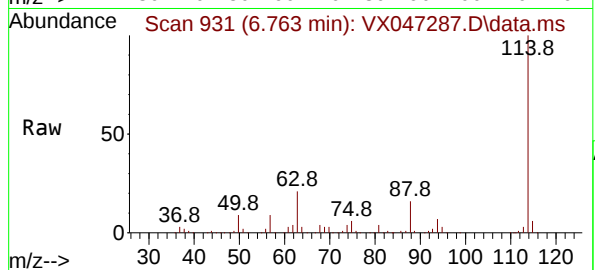
Tgt Ion:114 Resp: 664166

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 16.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.472 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX047287.D

Acq: 12 Aug 2025 11:17

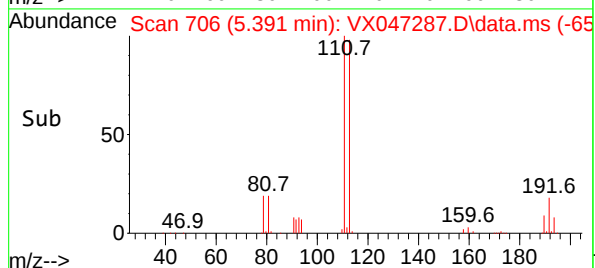
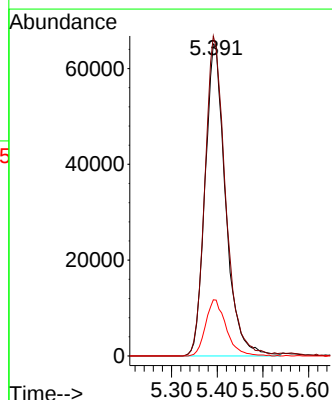
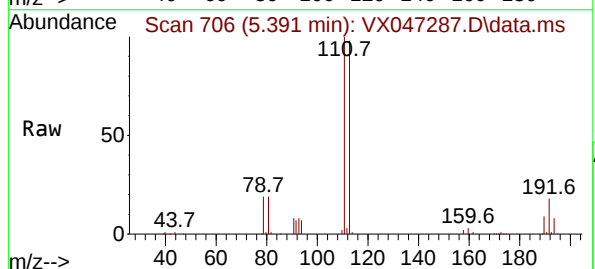
Tgt Ion:113 Resp: 202875

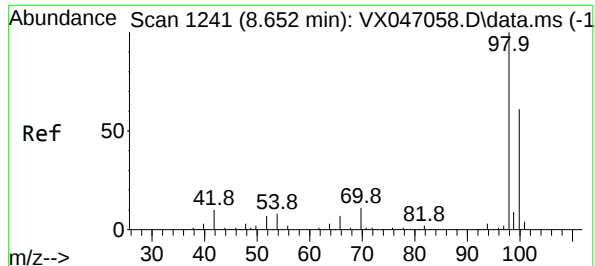
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.1 14.9 22.3





#50

Toluene-d8

Concen: 55.071 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047287.D

Acq: 12 Aug 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

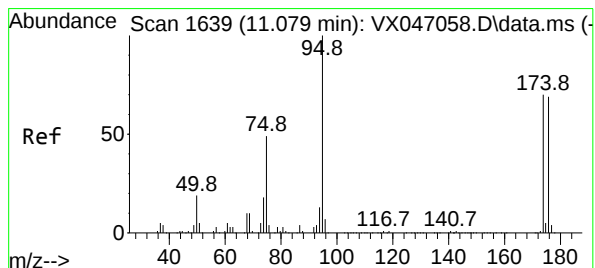
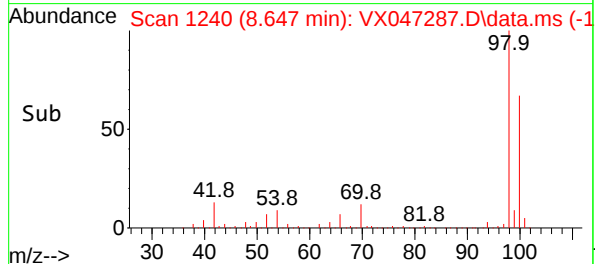
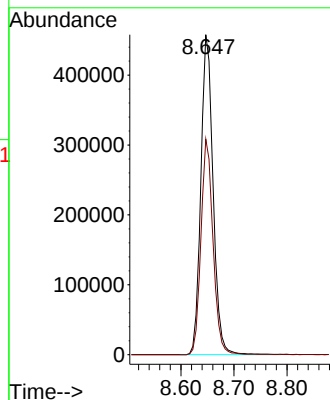
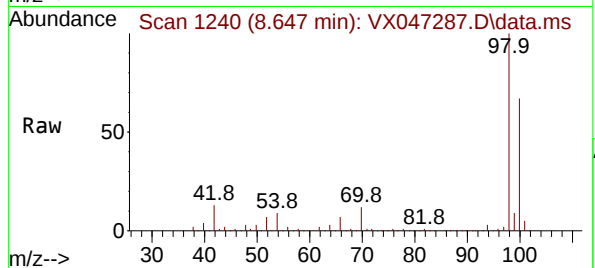
VX0812WBL02

Tgt Ion: 98 Resp: 731358

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 53.209 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047287.D

Acq: 12 Aug 2025 11:17

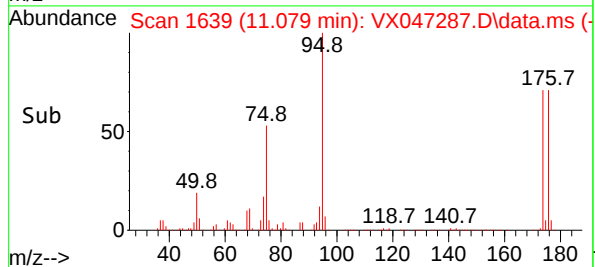
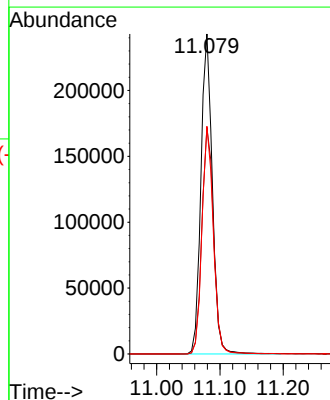
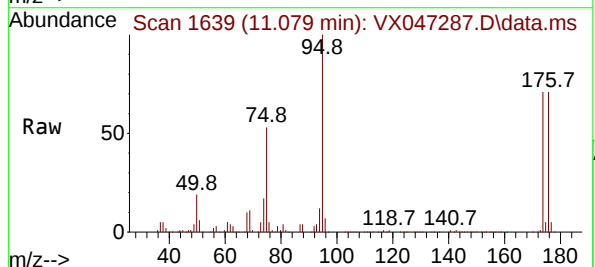
Tgt Ion: 95 Resp: 304518

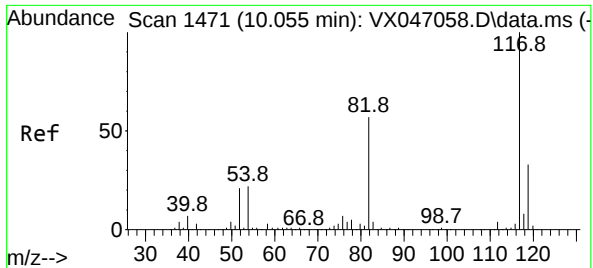
Ion Ratio Lower Upper

95 100

174 73.2 0.0 144.6

176 70.9 0.0 139.6

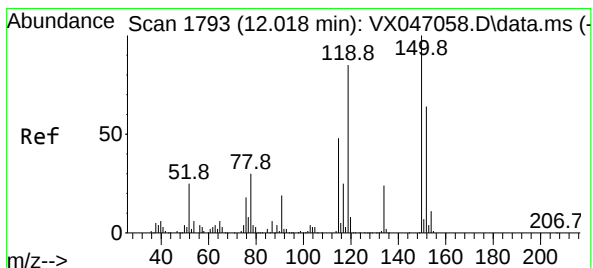
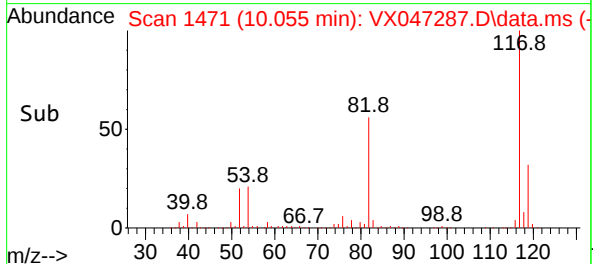
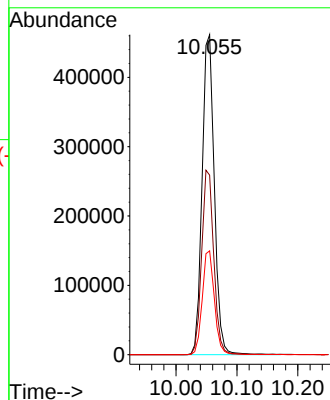
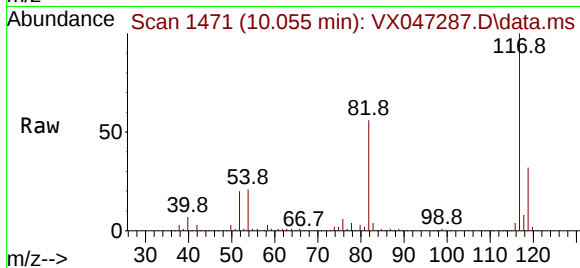




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047287.D
Acq: 12 Aug 2025 11:17

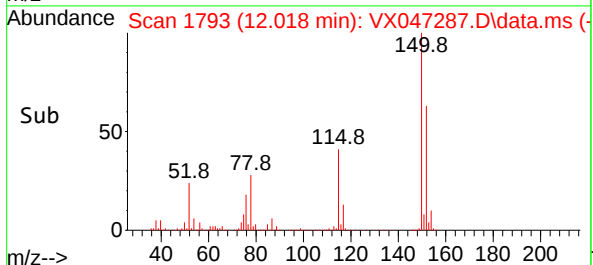
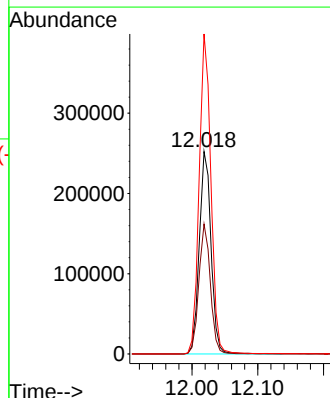
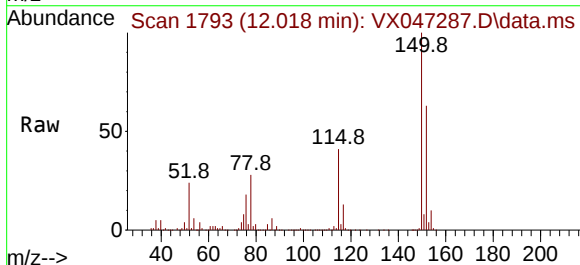
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL02

Tgt Ion:117 Resp: 641288
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047287.D
Acq: 12 Aug 2025 11:17

Tgt Ion:152 Resp: 313492
Ion Ratio Lower Upper
152 100
115 63.0 45.6 136.7
150 157.9 0.0 354.6



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBS01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047266.D	1	08/08/25 13:16	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		0.22	1.00	ug/L
74-87-3	Chloromethane	17.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	20.5		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	18.4		0.31	1.00	ug/L
74-83-9	Bromomethane	17.7		1.40	5.00	ug/L
75-00-3	Chloroethane	17.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	81.5		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.23	1.00	ug/L
107-02-8	Acrolein	48.1		7.10	25.0	ug/L
107-13-1	Acrylonitrile	93.2		0.83	5.00	ug/L
67-64-1	Acetone	120		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.5		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	96.9		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.2		1.50	5.00	ug/L
78-93-3	2-Butanone	99.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.7		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.2		0.22	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	19.5		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBS01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047266.D	1	08/08/25 13:16	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.8		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.3		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	97.3		0.68	5.00	ug/L
108-88-3	Toluene	19.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.9		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	19.7		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	94.7		0.30	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.5		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.5		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.0		0.19	1.00	ug/L
67-72-1	Hexachloroethane	19.1		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.8		0.24	2.00	ug/L
95-47-6	o-Xylene	19.9		0.12	1.00	ug/L
100-42-5	Styrene	20.0		0.15	1.00	ug/L
75-25-2	Bromoform	20.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.2		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.0		0.24	1.00	ug/L
103-65-1	n-propylbenzene	19.3		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	19.1		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBS01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047266.D	1	08/08/25 13:16	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	19.1		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	19.2		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.5		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.4		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	19.6		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	19.7		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	19.7		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	21.4		0.30	1.00	ug/L
91-20-3	Naphthalene	19.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	50.1		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.2		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	5.556			
540-36-3	1,4-Difluorobenzene	405000	6.763			
3114-55-4	Chlorobenzene-d5	361000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	186000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBS01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047266.D	1	08/08/25 13:16	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047266.D
 Acq On : 08 Aug 2025 13:16
 Operator : JC/MD
 Sample : VX0808WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:57:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	241260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185608	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	156360	52.027	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.060%	
35) Dibromofluoromethane	5.391	113	141138	56.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.940%	
50) Toluene-d8	8.647	98	405342	50.082	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	11.079	95	196155	56.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.480%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	66040	20.608	ug/l	97
3) Chloromethane	1.307	50	56800	17.919	ug/l	96
4) Vinyl Chloride	1.392	62	69796	20.483	ug/l	99
5) Bromomethane	1.630	94	32674	17.652	ug/l	97
6) Chloroethane	1.709	64	40033	17.888	ug/l	91
7) Trichlorofluoromethane	1.904	101	101163	19.910	ug/l	97
8) Diethyl Ether	2.142	74	33085	18.468	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	59986	19.596	ug/l	99
10) Methyl Iodide	2.471	142	83282	26.694	ug/l	99
11) Tert butyl alcohol	2.953	59	31061	81.478	ug/l	98
12) 1,1-Dichloroethene	2.337	96	57825	19.072	ug/l	91
13) Acrolein	2.246	56	31146	48.131	ug/l	97
14) Allyl chloride	2.678	41	93066	16.981	ug/l	90
15) Acrylonitrile	3.075	53	133573	93.191	ug/l	99
16) Acetone	2.386	43	144866	120.326	ug/l	97
17) Carbon Disulfide	2.526	76	170360	19.422	ug/l	100
18) Methyl Acetate	2.715	43	62713	19.601	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	177088	19.191	ug/l	98
20) Methylene Chloride	2.800	84	62812	18.964	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	60500	19.500	ug/l	95
22) Diisopropyl ether	3.764	45	204623	19.419	ug/l	93
23) Vinyl Acetate	3.727	43	819126	96.921	ug/l	99
24) 1,1-Dichloroethane	3.617	63	114209	19.491	ug/l	100
25) 2-Butanone	4.562	43	174560	99.575	ug/l	100
26) 2,2-Dichloropropane	4.489	77	89333	19.695	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	71762	19.532	ug/l	98
28) Bromochloromethane	4.910	49	54424	20.189	ug/l	99
29) Tetrahydrofuran	5.019	42	102216	90.369	ug/l	97
30) Chloroform	5.099	83	115309	19.333	ug/l	99
31) Cyclohexane	5.483	56	107883	19.202	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	101419	19.577	ug/l	99
36) 1,1-Dichloropropene	5.702	75	83172	19.523	ug/l	99
37) Ethyl Acetate	4.721	43	72285	18.414	ug/l	100
38) Carbon Tetrachloride	5.690	117	85869	18.885	ug/l	99
39) Methylcyclohexane	7.385	83	105125	19.764	ug/l	97
40) Benzene	6.044	78	243217	19.728	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047266.D
 Acq On : 08 Aug 2025 13:16
 Operator : JC/MD
 Sample : VX0808WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:57:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	35453	17.273	ug/l	91
42) 1,2-Dichloroethane	6.092	62	85939	19.788	ug/l	99
43) Isopropyl Acetate	6.342	43	118895	19.428	ug/l	100
44) Trichloroethene	7.129	130	60755	19.217	ug/l	99
45) 1,2-Dichloropropane	7.434	63	61067	19.777	ug/l	95
46) Dibromomethane	7.580	93	43874	20.262	ug/l	100
47) Bromodichloromethane	7.824	83	90575	19.652	ug/l	98
48) Methyl methacrylate	7.696	41	61047	18.311	ug/l	99
49) 1,4-Dioxane	7.720	88	14216	374.914	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	353871	97.284	ug/l	98
52) Toluene	8.720	92	150660	19.874	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83671	19.224	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	93016	19.527	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	56552	19.892	ug/l	99
56) Ethyl methacrylate	9.116	69	83333	19.800	ug/l	99
57) 1,3-Dichloropropane	9.305	76	97248	19.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	221841	94.721	ug/l	99
59) 2-Hexanone	9.433	43	252943	105.251	ug/l	99
60) Dibromochloromethane	9.519	129	68601	20.574	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57921	19.484	ug/l	98
64) Tetrachloroethene	9.275	164	49999	19.208	ug/l	95
65) Chlorobenzene	10.080	112	165320	19.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56880	19.972	ug/l	98
67) Ethyl Benzene	10.189	91	292435	19.772	ug/l	99
68) m/p-Xylenes	10.299	106	220170	39.779	ug/l	99
69) o-Xylene	10.640	106	104810	19.906	ug/l	99
70) Styrene	10.653	104	180871	20.033	ug/l	99
71) Bromoform	10.799	173	43499	20.107	ug/l #	98
73) Isopropylbenzene	10.957	105	282402	19.285	ug/l	100
74) N-amyl acetate	10.842	43	106593	18.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	80104	19.151	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	63967m	18.619	ug/l	
77) Bromobenzene	11.195	156	66570	18.954	ug/l	99
78) n-propylbenzene	11.299	91	337395	19.281	ug/l	99
79) 2-Chlorotoluene	11.360	91	199298	19.053	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	231516	19.137	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15884	11.912	ug/l	96
82) 4-Chlorotoluene	11.451	91	234556	19.211	ug/l	98
83) tert-Butylbenzene	11.713	119	236508	19.478	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	233519	19.353	ug/l	99
85) sec-Butylbenzene	11.890	105	298099	19.649	ug/l	100
86) p-Isopropyltoluene	12.006	119	247888	19.703	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	129734	19.440	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	131029	19.379	ug/l	98
89) n-Butylbenzene	12.329	91	232022	19.665	ug/l	98
90) Hexachloroethane	12.536	117	43042	19.124	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	123211	19.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15786	19.661	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	81422	19.321	ug/l	99
94) Hexachlorobutadiene	13.719	225	30706	21.425	ug/l	98
95) Naphthalene	13.774	128	236650	19.156	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	77855	19.177	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047266.D
Acq On : 08 Aug 2025 13:16
Operator : JC/MD
Sample : VX0808WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/12/2025
Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:57:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

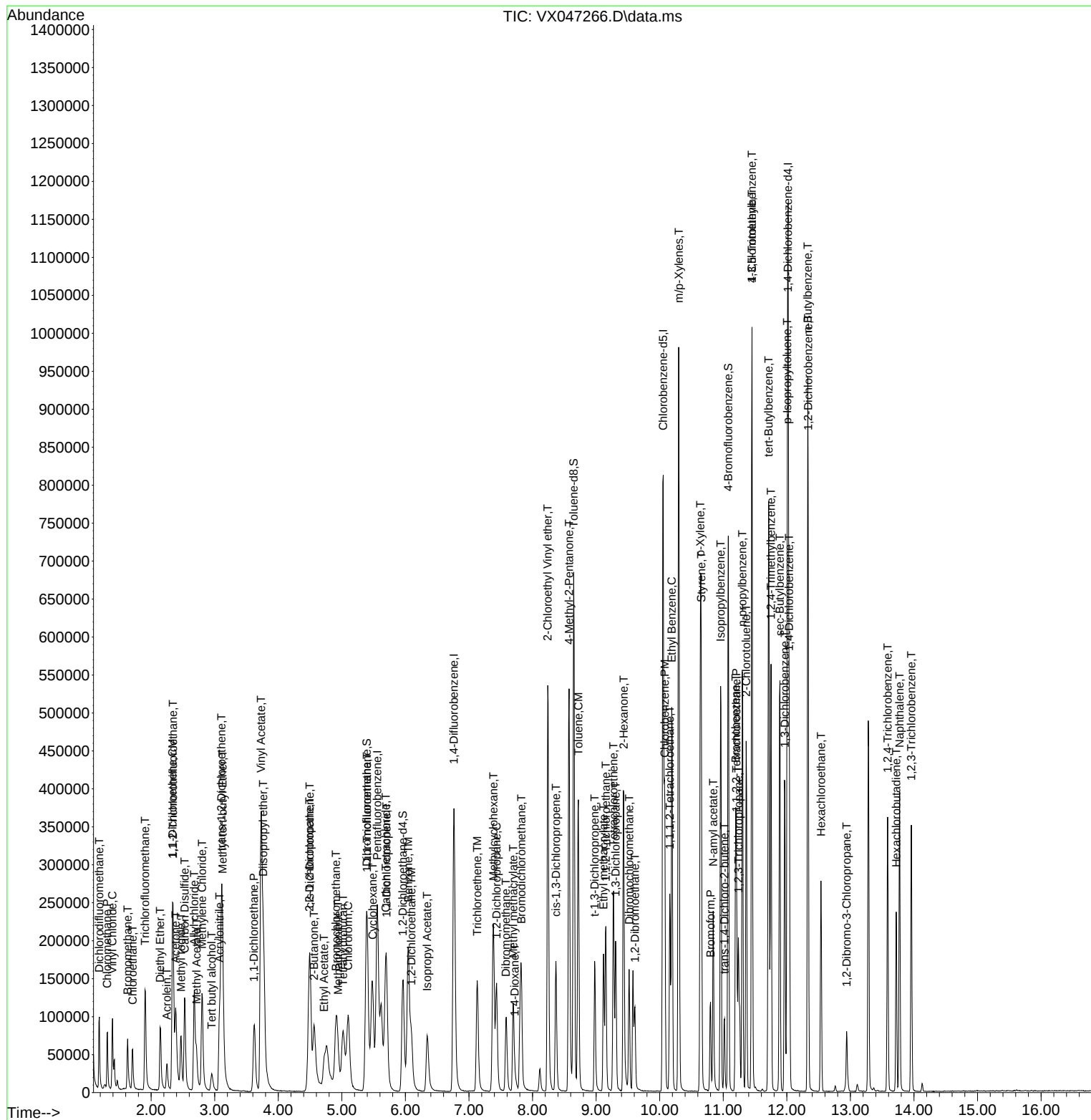
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047266.D
Acq On : 08 Aug 2025 13:16
Operator : JC/MD
Sample : VX0808WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:57:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.7		0.22	1.00	ug/L
74-87-3	Chloromethane	17.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	20.7		0.31	1.00	ug/L
74-83-9	Bromomethane	17.5		1.40	5.00	ug/L
75-00-3	Chloroethane	17.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.2		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	82.5		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.3		0.23	1.00	ug/L
107-02-8	Acrolein	150		7.10	25.0	ug/L
107-13-1	Acrylonitrile	94.0		0.83	5.00	ug/L
67-64-1	Acetone	88.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	95.4		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.4		1.50	5.00	ug/L
78-93-3	2-Butanone	88.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	18.1		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.9		0.22	1.00	ug/L
67-66-3	Chloroform	18.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.3		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.6		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0812WBS01	SDG No.:	Q2812
Lab Sample ID:	VX0812WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047288.D	1	08/12/25 11:52	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.3		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	18.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	97.7		0.68	5.00	ug/L
108-88-3	Toluene	18.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.8		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	82.1		0.30	5.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.8		0.19	1.00	ug/L
67-72-1	Hexachloroethane	18.2		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	2.00	ug/L
95-47-6	o-Xylene	18.8		0.12	1.00	ug/L
100-42-5	Styrene	19.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	18.3		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.0		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	17.7		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0812WBS01			SDG No.:	Q2812
Lab Sample ID:	VX0812WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047288.D	1	08/12/25 11:52	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.3		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	18.2		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	18.2		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	18.2		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	18.5		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.7		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.3		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	18.6		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.8		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.8		0.30	1.00	ug/L
91-20-3	Naphthalene	18.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	44.5		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	267000	5.562			
540-36-3	1,4-Difluorobenzene	450000	6.763			
3114-55-4	Chlorobenzene-d5	403000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	207000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0812WBS01			SDG No.:	Q2812
Lab Sample ID:	VX0812WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047288.D	1	08/12/25 11:52	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047288.D
 Acq On : 12 Aug 2025 11:52
 Operator : JC/MD
 Sample : VX0812WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	266708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	403402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	207271	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	156027	46.963	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.920%
35) Dibromofluoromethane	5.391	113	140246	50.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	8.647	98	400252	44.466	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.940%#
62) 4-Bromofluorobenzene	11.079	95	186845	48.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	69899	19.731	ug/l	98
3) Chloromethane	1.313	50	61646	17.592	ug/l	99
4) Vinyl Chloride	1.392	62	71280	18.923	ug/l	97
5) Bromomethane	1.630	94	35824	17.507	ug/l	97
6) Chloroethane	1.703	64	42892	17.337	ug/l	100
7) Trichlorofluoromethane	1.904	101	107951	19.219	ug/l	99
8) Diethyl Ether	2.148	74	36446	18.403	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	61745	18.246	ug/l	98
10) Methyl Iodide	2.471	142	90798	26.326	ug/l	100
11) Tert butyl alcohol	2.959	59	34722	82.511	ug/l	99
12) 1,1-Dichloroethene	2.331	96	61388	18.315	ug/l	99
13) Acrolein	2.252	56	109384	152.908	ug/l	99
14) Allyl chloride	2.678	41	108053	17.834	ug/l	99
15) Acrylonitrile	3.081	53	148912	93.980	ug/l	99
16) Acetone	2.386	43	117062	87.955	ug/l	98
17) Carbon Disulfide	2.526	76	176245	18.176	ug/l	98
18) Methyl Acetate	2.715	43	72484	20.493	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	194935	19.110	ug/l	97
20) Methylene Chloride	2.800	84	68289	18.650	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	63062	18.386	ug/l	98
22) Diisopropyl ether	3.770	45	217146	18.641	ug/l	95
23) Vinyl Acetate	3.727	43	891231	95.391	ug/l	100
24) 1,1-Dichloroethane	3.623	63	118731	18.330	ug/l	98
25) 2-Butanone	4.568	43	171260	88.371	ug/l	98
26) 2,2-Dichloropropane	4.489	77	90767	18.102	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	74965	18.457	ug/l	98
28) Bromochloromethane	4.910	49	68214	22.890	ug/l	98
29) Tetrahydrofuran	5.019	42	106137	84.883	ug/l	93
30) Chloroform	5.105	83	121763	18.467	ug/l	99
31) Cyclohexane	5.477	56	108000	17.389	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	107008	18.685	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83564	17.638	ug/l	98
37) Ethyl Acetate	4.721	43	90485	20.726	ug/l	96
38) Carbon Tetrachloride	5.684	117	92470	18.286	ug/l	99
39) Methylcyclohexane	7.385	83	108041	18.264	ug/l	94
40) Benzene	6.044	78	256537	18.710	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047288.D
 Acq On : 12 Aug 2025 11:52
 Operator : JC/MD
 Sample : VX0812WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39807	17.439	ug/l	92
42) 1,2-Dichloroethane	6.092	62	91804	19.007	ug/l	99
43) Isopropyl Acetate	6.342	43	135160	19.859	ug/l	99
44) Trichloroethene	7.129	130	64759	18.418	ug/l	98
45) 1,2-Dichloropropane	7.434	63	63746	18.563	ug/l	97
46) Dibromomethane	7.580	93	46573	19.339	ug/l	99
47) Bromodichloromethane	7.824	83	95572	18.645	ug/l	98
48) Methyl methacrylate	7.696	41	68229	18.402	ug/l	99
49) 1,4-Dioxane	7.671	88	15691	372.088	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	395128	97.673	ug/l	99
52) Toluene	8.720	92	158098	18.752	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	86876	17.948	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	97236	18.354	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	61302	19.388	ug/l	98
56) Ethyl methacrylate	9.116	69	92290	19.717	ug/l	98
57) 1,3-Dichloropropane	9.311	76	103459	18.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	213726	82.055	ug/l	100
59) 2-Hexanone	9.427	43	270477	101.199	ug/l	99
60) Dibromochloromethane	9.519	129	71339	19.238	ug/l	98
61) 1,2-Dibromoethane	9.610	107	61948	18.738	ug/l	98
64) Tetrachloroethene	9.275	164	52898	18.190	ug/l	96
65) Chlorobenzene	10.079	112	175362	18.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	59685	18.759	ug/l	100
67) Ethyl Benzene	10.195	91	304960	18.456	ug/l	99
68) m/p-Xylenes	10.299	106	229943	37.187	ug/l	100
69) o-Xylene	10.640	106	110879	18.849	ug/l	100
70) Styrene	10.653	104	193735	19.207	ug/l	98
71) Bromoform	10.799	173	46474	19.229	ug/l #	100
73) Isopropylbenzene	10.957	105	292039	17.859	ug/l	100
74) N-amyl acetate	10.842	43	118356	17.938	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	87818	18.801	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71234m	18.568	ug/l	
77) Bromobenzene	11.195	156	71864	18.322	ug/l	97
78) n-propylbenzene	11.305	91	350815	17.953	ug/l	99
79) 2-Chlorotoluene	11.360	91	207220	17.740	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	247687	18.334	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14230	9.556	ug/l	94
82) 4-Chlorotoluene	11.451	91	247627	18.162	ug/l	100
83) tert-Butylbenzene	11.713	119	247287	18.237	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	244944	18.178	ug/l	98
85) sec-Butylbenzene	11.890	105	313440	18.501	ug/l	100
86) p-Isopropyltoluene	12.006	119	262367	18.674	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	136883	18.368	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	138415	18.332	ug/l	98
89) n-Butylbenzene	12.329	91	245333	18.620	ug/l	99
90) Hexachloroethane	12.536	117	45620	18.151	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	131227	18.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16604	18.519	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	88508	18.808	ug/l	100
94) Hexachlorobutadiene	13.719	225	33284	20.797	ug/l	97
95) Naphthalene	13.774	128	254276	18.431	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	84235	18.580	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047288.D
Acq On : 12 Aug 2025 11:52
Operator : JC/MD
Sample : VX0812WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

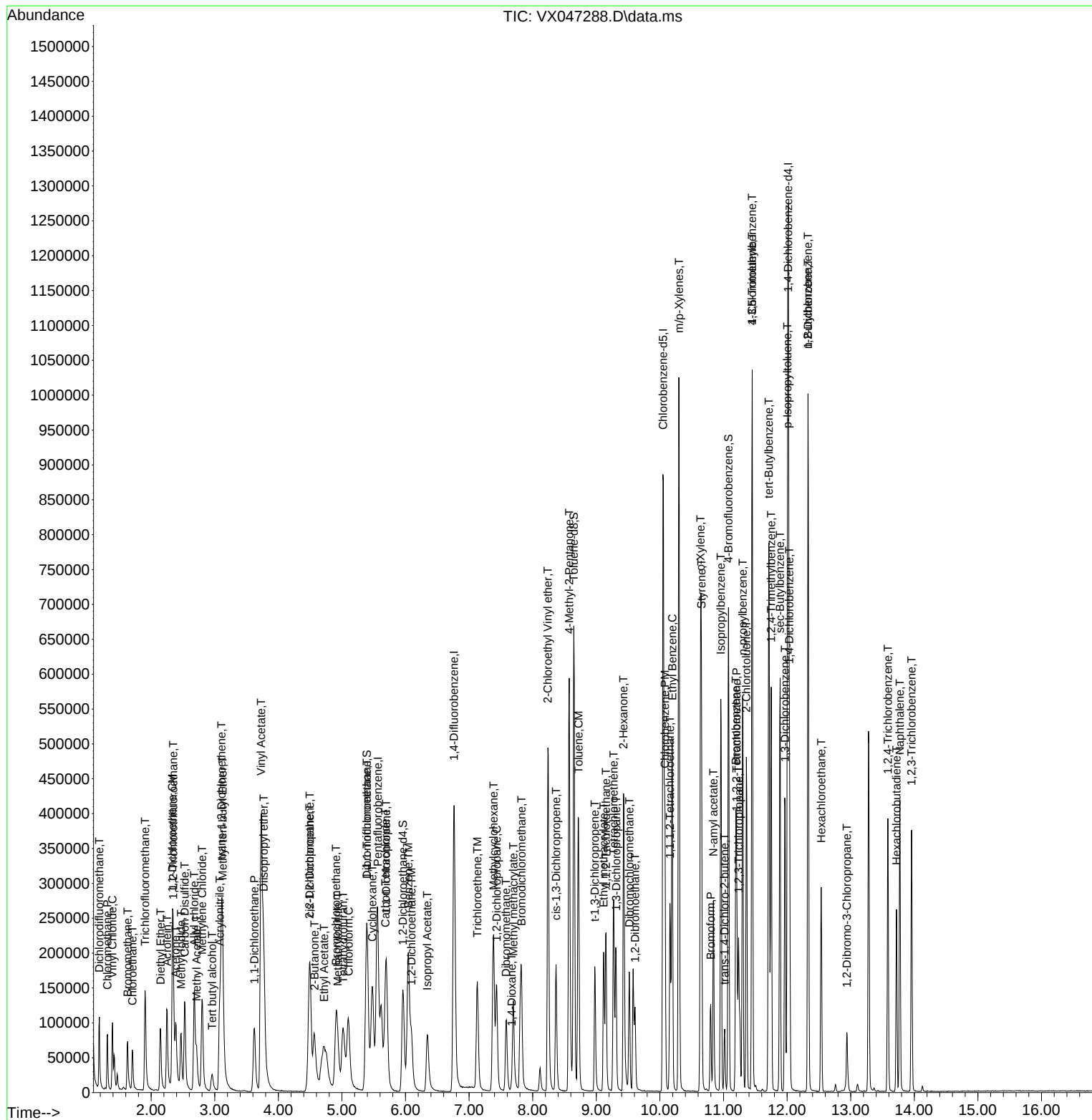
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047288.D
Acq On : 12 Aug 2025 11:52
Operator : JC/MD
Sample : VX0812WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBSD01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBSD01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047267.D	1	08/08/25 13:45	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.2		0.22	1.00	ug/L
74-87-3	Chloromethane	17.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.9		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	20.2		0.31	1.00	ug/L
74-83-9	Bromomethane	17.6		1.40	5.00	ug/L
75-00-3	Chloroethane	17.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	86.2		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
107-02-8	Acrolein	51.2		7.10	25.0	ug/L
107-13-1	Acrylonitrile	97.2		0.83	5.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.8		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.8		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	99.9		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.1		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.2		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.1		0.22	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.3		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.7		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0808WBSD01		SDG No.:	Q2812
Lab Sample ID:	VX0808WBSD01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047267.D	1	08/08/25 13:45	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.1		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	20.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.1		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	99.5		0.30	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.8		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.7		0.19	1.00	ug/L
67-72-1	Hexachloroethane	19.3		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.1		0.12	1.00	ug/L
100-42-5	Styrene	20.4		0.15	1.00	ug/L
75-25-2	Bromoform	20.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.5		0.24	1.00	ug/L
103-65-1	n-propylbenzene	19.3		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	19.0		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0808WBSD01	SDG No.:	Q2812
Lab Sample ID:	VX0808WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047267.D	1	08/08/25 13:45	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	19.4		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	19.7		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.3		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.7		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	19.2		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	19.7		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	19.6		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.9		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	21.0		0.30	1.00	ug/L
91-20-3	Naphthalene	19.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	230000	5.556			
540-36-3	1,4-Difluorobenzene	386000	6.763			
3114-55-4	Chlorobenzene-d5	348000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	177000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0808WBSD01			SDG No.:	Q2812
Lab Sample ID:	VX0808WBSD01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047267.D	1	08/08/25 13:45	VX080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047267.D
 Acq On : 08 Aug 2025 13:45
 Operator : JC/MD
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:58:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	229567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	385678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153091	53.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.060%			
35) Dibromofluoromethane	5.391	113	132543	55.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.320%			
50) Toluene-d8	8.647	98	383381	49.714	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	186960	56.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	61621	20.209	ug/l	98
3) Chloromethane	1.313	50	54019	17.909	ug/l	97
4) Vinyl Chloride	1.392	62	64427	19.871	ug/l	94
5) Bromomethane	1.630	94	31072	17.642	ug/l	96
6) Chloroethane	1.709	64	38023	17.855	ug/l	98
7) Trichlorofluoromethane	1.904	101	92875	19.210	ug/l	100
8) Diethyl Ether	2.142	74	32353	18.979	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	55910	19.194	ug/l	98
10) Methyl Iodide	2.471	142	79286	26.708	ug/l	99
11) Tert butyl alcohol	2.953	59	31077	86.225	ug/l	96
12) 1,1-Dichloroethene	2.337	96	54026	18.726	ug/l	99
13) Acrolein	2.245	56	31504	51.164	ug/l	97
14) Allyl chloride	2.678	41	90826	17.416	ug/l	93
15) Acrylonitrile	3.075	53	132563	97.197	ug/l	99
16) Acetone	2.386	43	125310	109.384	ug/l	99
17) Carbon Disulfide	2.526	76	157267	18.843	ug/l	99
18) Methyl Acetate	2.715	43	62554	20.547	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	174792	19.908	ug/l	98
20) Methylene Chloride	2.800	84	62729	19.904	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	55569	18.823	ug/l	97
22) Diisopropyl ether	3.770	45	196795	19.628	ug/l	97
23) Vinyl Acetate	3.727	43	803752	99.946	ug/l	99
24) 1,1-Dichloroethane	3.623	63	107441	19.270	ug/l	98
25) 2-Butanone	4.562	43	168855	101.227	ug/l	97
26) 2,2-Dichloropropane	4.483	77	82654	19.151	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	67031	19.174	ug/l	100
28) Bromochloromethane	4.910	49	54124	21.101	ug/l	98
29) Tetrahydrofuran	5.019	42	103591	96.250	ug/l	99
30) Chloroform	5.105	83	109616	19.314	ug/l	98
31) Cyclohexane	5.477	56	102012	19.082	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	94407	19.151	ug/l	99
36) 1,1-Dichloropropene	5.702	75	76037	18.732	ug/l	100
37) Ethyl Acetate	4.721	43	75538	20.196	ug/l	99
38) Carbon Tetrachloride	5.690	117	83312	19.230	ug/l	95
39) Methylcyclohexane	7.379	83	97865	19.310	ug/l	98
40) Benzene	6.044	78	230061	19.584	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047267.D
 Acq On : 08 Aug 2025 13:45
 Operator : JC/MD
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:58:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37391	19.119	ug/l #	95
42) 1,2-Dichloroethane	6.092	62	83886	20.272	ug/l	99
43) Isopropyl Acetate	6.348	43	116396	19.961	ug/l	99
44) Trichloroethene	7.129	130	57005	18.924	ug/l	92
45) 1,2-Dichloropropane	7.434	63	58503	19.884	ug/l	97
46) Dibromomethane	7.580	93	41478	20.104	ug/l	98
47) Bromodichloromethane	7.824	83	86863	19.780	ug/l	100
48) Methyl methacrylate	7.696	41	60148	18.935	ug/l	98
49) 1,4-Dioxane	7.714	88	14365	397.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	354760	102.357	ug/l	99
52) Toluene	8.720	92	144373	19.988	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80676	19.454	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87402	19.257	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55204	20.379	ug/l	99
56) Ethyl methacrylate	9.116	69	83881	20.917	ug/l	98
57) 1,3-Dichloropropane	9.305	76	94487	20.070	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	222096	99.525	ug/l	99
59) 2-Hexanone	9.427	43	242840	106.051	ug/l	100
60) Dibromochloromethane	9.519	129	66036	20.786	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57129	20.169	ug/l	100
64) Tetrachloroethene	9.275	164	47247	18.813	ug/l	99
65) Chlorobenzene	10.079	112	161396	19.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53999	19.653	ug/l	99
67) Ethyl Benzene	10.189	91	278875	19.544	ug/l	99
68) m/p-Xylenes	10.299	106	211294	39.569	ug/l	100
69) o-Xylene	10.640	106	102358	20.149	ug/l	99
70) Styrene	10.652	104	177607	20.389	ug/l	97
71) Bromoform	10.799	173	42763	20.488	ug/l #	99
73) Isopropylbenzene	10.957	105	269103	19.241	ug/l	100
74) N-amyl acetate	10.841	43	104805	18.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	79373	19.868	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	64190m	19.563	ug/l	
77) Bromobenzene	11.195	156	65520	19.532	ug/l	98
78) n-propylbenzene	11.299	91	322463	19.294	ug/l	100
79) 2-Chlorotoluene	11.360	91	189952	19.013	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	223654	19.357	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15719	12.342	ug/l	97
82) 4-Chlorotoluene	11.451	91	229858	19.712	ug/l	99
83) tert-Butylbenzene	11.713	119	224170	19.330	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	227301	19.723	ug/l	100
85) sec-Butylbenzene	11.890	105	278818	19.242	ug/l	99
86) p-Isopropyltoluene	12.006	119	237125	19.734	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	124813	19.582	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	124958	19.350	ug/l	97
89) n-Butylbenzene	12.329	91	221174	19.627	ug/l	99
90) Hexachloroethane	12.536	117	41523	19.316	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	119028	19.539	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15882	20.711	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	79965	19.868	ug/l	99
94) Hexachlorobutadiene	13.719	225	28804	21.043	ug/l	98
95) Naphthalene	13.774	128	234350	19.861	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75359	19.435	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047267.D
Acq On : 08 Aug 2025 13:45
Operator : JC/MD
Sample : VX0808WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:58:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

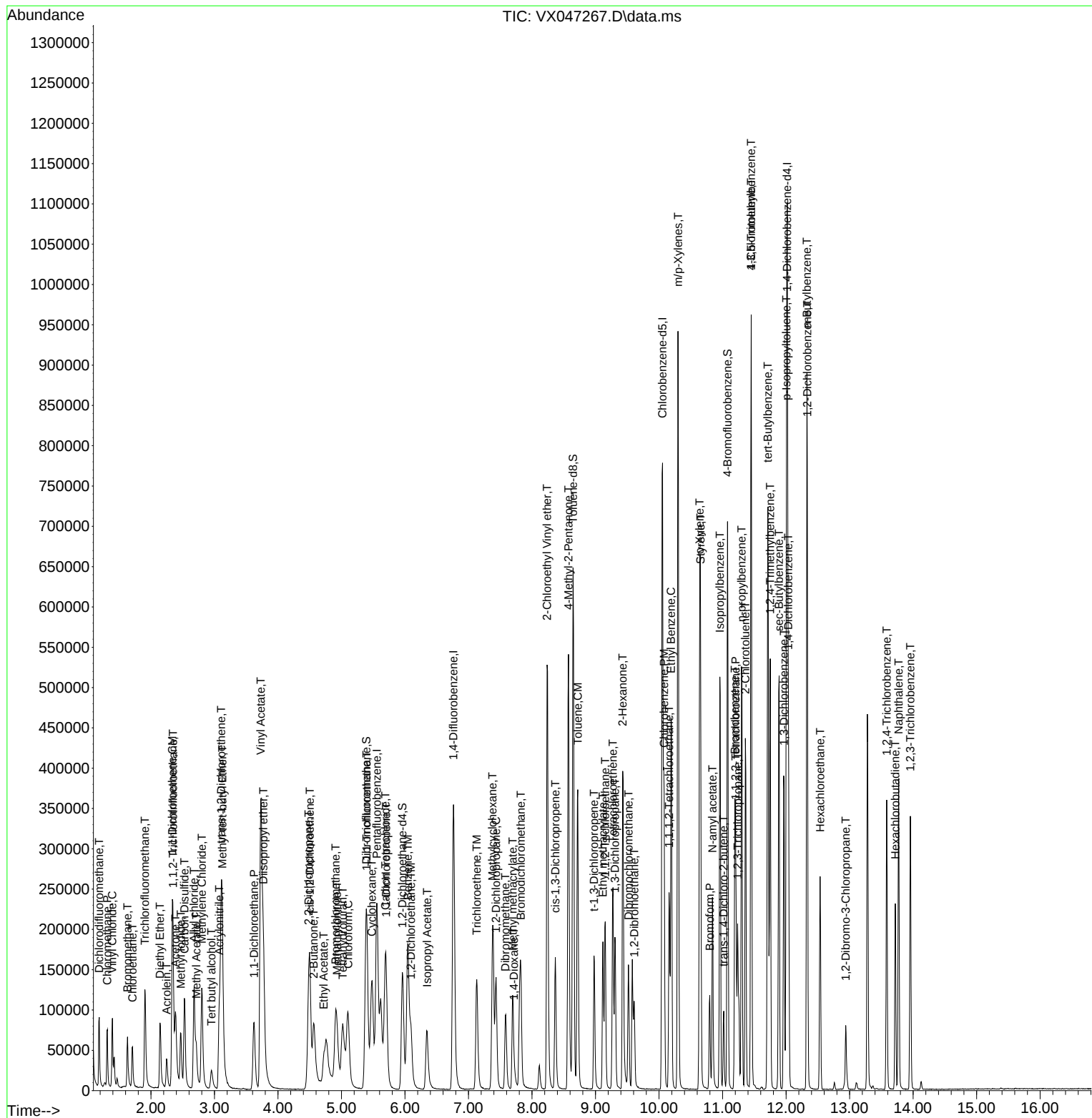
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



Manual Integration Report

Sequence:	VX072125	Instrument	MSVOA_x
-----------	----------	------------	---------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047055.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dichlorobenzene	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dioxane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Ethyl Acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Methyl methacrylate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	N-amyl acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	Ethyl Acetate	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC020	VX047057.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:18 AM	MMDadoda	7/22/2025 1:41:03 PM	Peak Integrated by Software
VSTDICCC050	VX047058.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:23 AM	MMDadoda	7/22/2025 1:41:05 PM	Peak Integrated by Software
VSTDICC100	VX047059.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:28 AM	MMDadoda	7/22/2025 1:41:08 PM	Peak Integrated by Software
VSTDICC150	VX047060.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:32 AM	MMDadoda	7/22/2025 1:41:09 PM	Peak Integrated by Software
VSTDICV050	VX047062.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VX072125

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX047062.D	1,4-Dioxane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX080825

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047263.D	1,2,3-Trichloropropane	JOHN	8/12/2025 9:01:40 AM	MMDadoda	8/12/2025 1:09:04 PM	Peak Integrated by Software
VSTDCCC050	VX047263.D	1,4-Dioxane	JOHN	8/12/2025 9:01:40 AM	MMDadoda	8/12/2025 1:09:04 PM	Peak Integrated by Software
VX0808WBS01	VX047266.D	1,2,3-Trichloropropane	JOHN	8/12/2025 9:01:44 AM	MMDadoda	8/12/2025 1:09:06 PM	Peak Integrated by Software
VX0808WBSD01	VX047267.D	1,2,3-Trichloropropane	JOHN	8/12/2025 9:01:48 AM	MMDadoda	8/12/2025 1:09:08 PM	Peak Integrated by Software
VSTDCCC050	VX047282.D	1,2,3-Trichloropropane	JOHN	8/12/2025 9:02:00 AM	MMDadoda	8/12/2025 1:09:13 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

vx081225

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047284.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:47:43 AM	 	 	Peak Integrated by Software
VX0812WBS01	VX047288.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:47:48 AM	 	 	Peak Integrated by Software
VSTDCCC050	VX047307.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:48:08 AM	 	 	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM
Supervise By	Maresh Dadoda	Supervise On	7/22/2025 1:41:20 PM
SubDirectory	VX072125	HP Acquire Method	HP Processing Method 82X072125W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP134843		
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849		
CCC			
Internal Standard/PEM			
ICV/I.BLK	VP134850		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047054.D	21 Jul 2025 08:53	JC/MD	Ok
2	VSTDIC001	VX047055.D	21 Jul 2025 09:47	JC/MD	Ok,M
3	VSTDIC005	VX047056.D	21 Jul 2025 10:08	JC/MD	Ok,M
4	VSTDIC020	VX047057.D	21 Jul 2025 10:29	JC/MD	Ok,M
5	VSTDIC050	VX047058.D	21 Jul 2025 10:50	JC/MD	Ok,M
6	VSTDIC100	VX047059.D	21 Jul 2025 11:11	JC/MD	Ok,M
7	VSTDIC150	VX047060.D	21 Jul 2025 11:32	JC/MD	Ok,M
8	IBLK	VX047061.D	21 Jul 2025 11:52	JC/MD	Ok
9	VSTDICV050	VX047062.D	21 Jul 2025 13:17	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX080825

Review By	John Carlone	Review On	8/12/2025 9:05:05 AM
Supervise By	Maresh Dadoda	Supervise On	8/12/2025 1:09:25 PM
SubDirectory	VX080825	HP Acquire Method	HP Processing Method 82X072125W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135056		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135057,VP135058		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047262.D	08 Aug 2025 10:04	JC/MD	Ok
2	VSTDCCC050	VX047263.D	08 Aug 2025 11:04	JC/MD	Ok,M
3	VX0808MBL01	VX047264.D	08 Aug 2025 11:30	JC/MD	Ok
4	VX0808WBL01	VX047265.D	08 Aug 2025 12:19	JC/MD	Ok
5	VX0808WBS01	VX047266.D	08 Aug 2025 13:16	JC/MD	Ok,M
6	VX0808WBSD01	VX047267.D	08 Aug 2025 13:45	JC/MD	Ok,M
7	PB169150TB	VX047268.D	08 Aug 2025 14:06	JC/MD	Ok
8	Q2779-04	VX047269.D	08 Aug 2025 14:27	JC/MD	Ok,M
9	Q2779-08	VX047270.D	08 Aug 2025 14:48	JC/MD	Ok
10	Q2783-03	VX047271.D	08 Aug 2025 15:09	JC/MD	Ok
11	Q2798-04	VX047272.D	08 Aug 2025 15:30	JC/MD	Ok
12	Q2800-02	VX047273.D	08 Aug 2025 15:51	JC/MD	Ok
13	Q2791-01	VX047274.D	08 Aug 2025 16:12	JC/MD	ReRun
14	IBLK	VX047275.D	08 Aug 2025 16:33	JC/MD	Ok
15	Q2791-01	VX047276.D	08 Aug 2025 16:54	JC/MD	Ok,M
16	IBLK	VX047277.D	08 Aug 2025 17:15	JC/MD	Ok
17	Q2812-01	VX047278.D	08 Aug 2025 17:36	JC/MD	Ok
18	Q2812-02	VX047279.D	08 Aug 2025 17:57	JC/MD	Ok
19	Q2812-03	VX047280.D	08 Aug 2025 18:18	JC/MD	Ok
20	Q2812-04	VX047281.D	08 Aug 2025 18:39	JC/MD	ReRun
21	VSTDCCC050	VX047282.D	08 Aug 2025 19:00	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX081225

Review By	John Carlone	Review On	8/13/2025 8:53:36 AM
Supervise By		Supervise On	
SubDirectory	VX081225	HP Acquire Method	HP Processing Method 82X072125W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135091		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135092,VP135093		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047283.D	12 Aug 2025 07:51	JC/MD	Ok
2	VSTDCCC050	VX047284.D	12 Aug 2025 09:53	JC/MD	Ok,NS
3	VX0812MBL01	VX047285.D	12 Aug 2025 10:29	JC/MD	Ok
4	VX0812WBL01	VX047286.D	12 Aug 2025 10:50	JC/MD	Not Ok
5	VX0812WBL02	VX047287.D	12 Aug 2025 11:17	JC/MD	Ok
6	VX0812WBS01	VX047288.D	12 Aug 2025 11:52	JC/MD	Ok,NS
7	Q2812-04	VX047289.D	12 Aug 2025 12:22	JC/MD	Ok
8	Q2814-01	VX047290.D	12 Aug 2025 12:43	JC/MD	Ok
9	Q2814-02	VX047291.D	12 Aug 2025 13:05	JC/MD	Ok
10	VX0812WBSD01	VX047292.D	12 Aug 2025 13:26	JC/MD	Ok,NS
11	Q2814-03	VX047293.D	12 Aug 2025 13:51	JC/MD	Ok
12	Q2814-04	VX047294.D	12 Aug 2025 14:13	JC/MD	Ok
13	Q2814-05	VX047295.D	12 Aug 2025 14:34	JC/MD	Ok
14	Q2814-06	VX047296.D	12 Aug 2025 14:56	JC/MD	ReRun
15	Q2814-07	VX047297.D	12 Aug 2025 15:18	JC/MD	ReRun
16	Q2814-08	VX047298.D	12 Aug 2025 15:39	JC/MD	Ok,NS
17	Q2814-09	VX047299.D	12 Aug 2025 16:01	JC/MD	Ok
18	Q2814-10	VX047300.D	12 Aug 2025 16:23	JC/MD	Ok
19	Q2814-11	VX047301.D	12 Aug 2025 16:44	JC/MD	Ok
20	Q2814-12	VX047302.D	12 Aug 2025 17:06	JC/MD	ReRun
21	Q2814-13	VX047303.D	12 Aug 2025 17:28	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX081225

Review By	John Carlone	Review On	8/13/2025 8:53:36 AM
Supervise By		Supervise On	
SubDirectory	VX081225	HP Acquire Method	HP Processing Method 82X072125W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135091		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135092,VP135093		

22	Q2814-14	VX047304.D	12 Aug 2025 17:49	JC/MD	Ok
23	Q2814-15	VX047305.D	12 Aug 2025 18:11	JC/MD	Ok
24	Q2814-16	VX047306.D	12 Aug 2025 18:32	JC/MD	ReRun
25	VSTDCCC050	VX047307.D	12 Aug 2025 18:54	JC/MD	Ok,NS

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM
Supervise By	Maresh Dadoda	Supervise On	7/22/2025 1:41:20 PM
SubDirectory	VX072125	HP Acquire Method	HP Processing Method 82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134843
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134850
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047054.D	21 Jul 2025 08:53		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047055.D	21 Jul 2025 09:47		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047056.D	21 Jul 2025 10:08	Comp. #11 is on Linear Regression	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047057.D	21 Jul 2025 10:29		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047058.D	21 Jul 2025 10:50		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047059.D	21 Jul 2025 11:11		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047060.D	21 Jul 2025 11:32		JC/MD	Ok,M
8	IBLK	IBLK	VX047061.D	21 Jul 2025 11:52		JC/MD	Ok
9	VSTDICV050	ICVVX072125	VX047062.D	21 Jul 2025 13:17		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX080825

Review By	John Carlone	Review On	8/12/2025 9:05:05 AM
Supervise By	Maresh Dadoda	Supervise On	8/12/2025 1:09:25 PM
SubDirectory	VX080825	HP Acquire Method	HP Processing Method 82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135056
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135057,VP135058

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047262.D	08 Aug 2025 10:04		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047263.D	08 Aug 2025 11:04	pH#Lot#V12668	JC/MD	Ok,M
3	VX0808MBL01	VX0808MBL01	VX047264.D	08 Aug 2025 11:30		JC/MD	Ok
4	VX0808WBL01	VX0808WBL01	VX047265.D	08 Aug 2025 12:19		JC/MD	Ok
5	VX0808WBS01	VX0808WBS01	VX047266.D	08 Aug 2025 13:16		JC/MD	Ok,M
6	VX0808WBSD01	VX0808WBSD01	VX047267.D	08 Aug 2025 13:45		JC/MD	Ok,M
7	PB169150TB	PB169150TB	VX047268.D	08 Aug 2025 14:06		JC/MD	Ok
8	Q2779-04	TP-4	VX047269.D	08 Aug 2025 14:27	vial A pH#5.0	JC/MD	Ok,M
9	Q2779-08	TP-5	VX047270.D	08 Aug 2025 14:48	vial A pH#5.0	JC/MD	Ok
10	Q2783-03	RT5414	VX047271.D	08 Aug 2025 15:09	vial A pH#5.0	JC/MD	Ok
11	Q2798-04	TP-6	VX047272.D	08 Aug 2025 15:30	vial A pH#5.0	JC/MD	Ok
12	Q2800-02	VNJ-222	VX047273.D	08 Aug 2025 15:51	vial A pH#5.0	JC/MD	Ok
13	Q2791-01	SLUDGE	VX047274.D	08 Aug 2025 16:12	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
14	IBLK	IBLK	VX047275.D	08 Aug 2025 16:33		JC/MD	Ok
15	Q2791-01	SLUDGE	VX047276.D	08 Aug 2025 16:54	vial B pH#5.0	JC/MD	Ok,M
16	IBLK	IBLK	VX047277.D	08 Aug 2025 17:15		JC/MD	Ok
17	Q2812-01	STORAGE-BLANK-SO	VX047278.D	08 Aug 2025 17:36	vial A pH<2	JC/MD	Ok
18	Q2812-02	STORAGE-BLANK-WA	VX047279.D	08 Aug 2025 17:57	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX080825

Review By	John Carlone	Review On	8/12/2025 9:05:05 AM
Supervise By	Maresh Dadoda	Supervise On	8/12/2025 1:09:25 PM
SubDirectory	VX080825	HP Acquire Method	HP Processing Method 82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135056
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135057,VP135058

19	Q2812-03	STORAGE-BLANK-WA	VX047280.D	08 Aug 2025 18:18	vial A pH<2	JC/MD	Ok
20	Q2812-04	STORAGE-BLANK-SAM	VX047281.D	08 Aug 2025 18:39	vial A pH<2 Surrogate fail	JC/MD	ReRun
21	VSTDCCC050	VSTDCCC050EC	VX047282.D	08 Aug 2025 19:00		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081225

Review By	John Carlone	Review On	8/13/2025 8:53:36 AM
Supervise By		Supervise On	
SubDirectory	VX081225	HP Acquire Method	HP Processing Method 82X072125W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135091		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135092,VP135093		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047283.D	12 Aug 2025 07:51		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047284.D	12 Aug 2025 09:53	pH#Lot#V12668	JC/MD	Ok,NS
3	VX0812MBL01	VX0812MBL01	VX047285.D	12 Aug 2025 10:29		JC/MD	Ok
4	VX0812WBL01	VX0812WBL01	VX047286.D	12 Aug 2025 10:50		JC/MD	Not Ok
5	VX0812WBL02	VX0812WBL02	VX047287.D	12 Aug 2025 11:17		JC/MD	Ok
6	VX0812WBS01	VX0812WBS01	VX047288.D	12 Aug 2025 11:52		JC/MD	Ok,NS
7	Q2812-04	STORAGE-BLANK-SAL	VX047289.D	12 Aug 2025 12:22	vial B pH<2	JC/MD	Ok
8	Q2814-01	TW-84SB-E	VX047290.D	12 Aug 2025 12:43	vial A pH<2	JC/MD	Ok
9	Q2814-02	TW-17M-N	VX047291.D	12 Aug 2025 13:05	vial A pH<2	JC/MD	Ok
10	VX0812WBSD01	VX0812WBSD01	VX047292.D	12 Aug 2025 13:26		JC/MD	Ok,NS
11	Q2814-03	TW-17M-W	VX047293.D	12 Aug 2025 13:51	vial A pH<2	JC/MD	Ok
12	Q2814-04	TW-82H-N	VX047294.D	12 Aug 2025 14:13	vial A pH<2	JC/MD	Ok
13	Q2814-05	TW-82H-E	VX047295.D	12 Aug 2025 14:34	vial A pH<2	JC/MD	Ok
14	Q2814-06	TW-82H-S	VX047296.D	12 Aug 2025 14:56	vial A pH<2 Surrogate Fail	JC/MD	ReRun
15	Q2814-07	TW-82H-W	VX047297.D	12 Aug 2025 15:18	vial A pH<2 Surrogate Fail	JC/MD	ReRun
16	Q2814-08	TW-38M-E	VX047298.D	12 Aug 2025 15:39	vial A pH<2	JC/MD	Ok,NS
17	Q2814-09	TW-38M-W	VX047299.D	12 Aug 2025 16:01	vial A pH<2	JC/MD	Ok
18	Q2814-10	TW-38M-N	VX047300.D	12 Aug 2025 16:23	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081225

Review By	John Carlone	Review On	8/13/2025 8:53:36 AM
Supervise By		Supervise On	
SubDirectory	VX081225	HP Acquire Method	HP Processing Method 82X072125W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135091		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135092,VP135093		

19	Q2814-11	TW-38M-S	VX047301.D	12 Aug 2025 16:44	vial A pH<2	JC/MD	Ok
20	Q2814-12	TW-BP-S	VX047302.D	12 Aug 2025 17:06	vial A pH<2 Surrogate Fail	JC/MD	ReRun
21	Q2814-13	TW-BP-N	VX047303.D	12 Aug 2025 17:28	vial A pH<2	JC/MD	Ok
22	Q2814-14	TW-BP-E	VX047304.D	12 Aug 2025 17:49	vial A pH<2	JC/MD	Ok
23	Q2814-15	TW-BP-W	VX047305.D	12 Aug 2025 18:11	vial A pH<2	JC/MD	Ok
24	Q2814-16	FB	VX047306.D	12 Aug 2025 18:32	vial A pH<2 FB;Hit of Com.#16	JC/MD	ReRun
25	VSTDCCC050	VSTDCCC050EC	VX047307.D	12 Aug 2025 18:54		JC/MD	Ok,NS

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 8/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 08/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:17
Out Date: 08/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136752

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
Q2807-01	COMP-4	1	1.15	10.53	11.68	9.9	83.1	
Q2807-02	COMP-5	2	1.18	10.50	11.68	10.05	84.5	
Q2807-03	COMP-6	3	1.18	10.70	11.88	10.12	83.6	
Q2808-01	TP-7	4	1.15	10.75	11.9	8.3	66.5	
Q2808-02	TP-7-EPH	5	1.16	10.77	11.93	9.2	74.7	
Q2808-03	TP-7-VOC	6	1.12	9.64	10.76	9.16	83.4	
Q2809-01	OR-03-08082025	7	1.18	10.51	11.69	11.02	93.6	
Q2809-02	OR-03-08082025-E2	8	1.16	10.42	11.58	10.86	93.1	
Q2812-05	SVOC-GPC-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q2812-06	PEST-GPC-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q2812-07	PEST-GPC-BLANK-SPIKE	11	1.00	1.00	2.00	2.00	100.0	
Q2812-08	SVOC-GPC2-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q2812-09	PEST-GPC2-BLANK	13	1.00	1.00	2.00	2.00	100.0	
Q2812-10	PEST -GPC2-BLANK-SPIKE	14	1.00	1.00	2.00	2.00	100.0	

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

WORKLIST(Hardcopy Internal Chain)

17125

WorkList Name : %1-080825

WorkList ID : 191161

Department : Wet-Chemistry

Date : 08-08-2025 07:50:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2807-01	COMP-4	Solid	Percent Solids	Cool 4 deg C	POWE02	J12	08/07/2025	Chemtech -SO
Q2807-02	COMP-5	Solid	Percent Solids	Cool 4 deg C	POWE02	J12	08/07/2025	Chemtech -SO
Q2807-03	COMP-6	Solid	Percent Solids	Cool 4 deg C	POWE02	J12	08/07/2025	Chemtech -SO
Q2808-01	TP-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/08/2025	Chemtech -SO
Q2808-02	TP-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/08/2025	Chemtech -SO
Q2808-03	TP-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/08/2025	Chemtech -SO
Q2809-01	OR-03-08082025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/08/2025	Chemtech -SO
Q2809-02	OR-03-08082025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/08/2025	Chemtech -SO
Q2812-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J11	08/01/2025	Chemtech -SO
Q2812-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J11	08/01/2025	Chemtech -SO
Q2812-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	J11	08/01/2025	Chemtech -SO
Q2812-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J11	08/01/2025	Chemtech -SO
Q2812-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J11	08/01/2025	Chemtech -SO
Q2812-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	J11	08/01/2025	Chemtech -SO

Date/Time 08/08/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: JDCSM

Date/Time 08/08/25

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Alliance Project Number:

22812

COC Number:

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE: NJ ZIP: 07092
ATTENTION: QA Officer
PHONE: 908-789-8900 FAX: 908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format _____

ANALYSIS

VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB						
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	A/E									
			COMP	CRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X									
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X									
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X									
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X									
5.	SVOC-GPC-BLANK	SO		X			1		X								
6.	PEST-GPC-BLANK	SO		X			1			X							
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X							
8.	PCB-GPC-BLANK	SO		X			1				X						
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X						
10.	SVOC-GPC2-BLANK	SO		X			1		X								

← Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid Comments:
1. Sam	8/15/2019	1.	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.		3.	

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

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) 78-8922

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 2812

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group

ADDRESS: 284 Sheffield Street

CITY Mountainside STATE: NJ ZIP: 07092

ATTENTION: QA Officer

PHONE: 908-789-8900

FAX: 908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks

PROJECT #: LOCATION:

PROJECT MANAGER:

E-MAIL:

PHONE:

FAX:

BILLING INFORMATION

BILL TO: Same

PO#

ADDRESS:

CITY:

STATE: ZIP:

ATTENTION:

PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*

HARD COPY: 10 DAYS*

EDD DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)☐ NJ FULL (L4) ☐ Other☐ EDD Format

ANALYSIS

VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB						
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		A/E									
								1	2	3	4	5	6	7	8	9	
1.	PEST-GPC2-BLANK	SO		X			1			X							
2.	PEST-GPC2-BLANK-SPIKE	SO		X			1			X							
3.	PCB-GPC2-BLANK	SO		X			1				X						
4.	PCB-GPC2-BLANK-SPIKE	SO		X			1				X						
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. Sam 08/08/15 1. dd

RELINQUISHED BY DATE/TIME RECEIVED BY

2. 2.

RELINQUISHED BY DATE/TIME RECEIVED FOR LAB BY

3. 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____

Comments:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

Page 2 of 2

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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