

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:	Q2939	OrderDate:	8/22/2025 10:50:00 AM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	A41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2939-01	STORAGE-BLANK-SOI L-REF-6	Water			08/15/25			08/22/25
			VOC- Chemtech Full	8260-Low			08/25/25	
Q2939-02	STORAGE-BLANK-WAT ER-REF-5	Water			08/15/25			08/22/25
			VOC- Chemtech Full	8260-Low			08/22/25	
Q2939-03	STORAGE-BLANK-WAT ER-REF-4	Water			08/15/25			08/22/25
			VOC- Chemtech Full	8260-Low			08/22/25	
Q2939-04	STORAGE-BLANK-SAM PLE-MANAGEMENT	Water			08/15/25			08/22/25
			VOC- Chemtech Full	8260-Low			08/22/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2939

Client: Chemtech Consulting Group

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

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: Q2939

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2939-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	55.2	110		74	125
		Dibromofluoromethane	50	49.9	100		75	124
		Toluene-d8	50	49.4	99		86	113
		4-Bromofluorobenzene	50	55.0	110		77	121
Q2939-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	60.5	121		74	125
		Dibromofluoromethane	50	51.1	102		75	124
		Toluene-d8	50	48.6	97		86	113
		4-Bromofluorobenzene	50	55.7	111		77	121
Q2939-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	55.7	111		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	53.7	107		77	121
Q2939-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	56.5	113		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	54.6	109		77	121
VX0822WBL01	VX0822WBL01	1,2-Dichloroethane-d4	50	57.9	116		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	56.5	113		77	121
VX0822WBS01	VX0822WBS01	1,2-Dichloroethane-d4	50	52.6	105		74	125
		Dibromofluoromethane	50	48.3	97		75	124
		Toluene-d8	50	46.7	93		86	113
		4-Bromofluorobenzene	50	49.8	99		77	121
VX0822WBSD0	VX0822WBSD01	1,2-Dichloroethane-d4	50	49.6	99		74	125
		Dibromofluoromethane	50	47.9	96		75	124
		Toluene-d8	50	46.5	93		86	113
		4-Bromofluorobenzene	50	48.5	97		77	121
VX0825WBL01	VX0825WBL01	1,2-Dichloroethane-d4	50	54.7	109		74	125
		Dibromofluoromethane	50	49.6	99		75	124
		Toluene-d8	50	48.6	97		86	113
		4-Bromofluorobenzene	50	54.0	108		77	121
VX0825WBS01	VX0825WBS01	1,2-Dichloroethane-d4	50	52.9	106		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	50.9	102		86	113
		4-Bromofluorobenzene	50	54.1	108		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2939</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047487.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0822WBS01	Dichlorodifluoromethane	20	17.3	ug/L	86			69	116	
	Chloromethane	20	16.7	ug/L	84			65	116	
	Vinyl chloride	20	17.6	ug/L	88			65	117	
	Ethyl Acetate	20	16.4	ug/L	82			75	115	
	Bromomethane	20	17.4	ug/L	87			58	125	
	Chloroethane	20	18.8	ug/L	94			56	128	
	Trichlorofluoromethane	20	18.4	ug/L	92			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94			80	112	
	Tert butyl alcohol	100	120	ug/L	120			48	142	
	1,1-Dichloroethene	20	18.8	ug/L	94			74	110	
	Acrolein	100	120	ug/L	120			28	144	
	Acrylonitrile	100	110	ug/L	110			73	113	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	17.6	ug/L	88			64	112	
	Methyl tert-butyl Ether	20	20.9	ug/L	104			78	114	
	Methyl Acetate	20	22.4	ug/L	112			67	125	
	Methylene Chloride	20	20.5	ug/L	103			72	114	
	trans-1,2-Dichloroethene	20	18.8	ug/L	94			75	108	
	Vinyl Acetate	100	100	ug/L	100			76	115	
	1,1-Dichloroethane	20	20.0	ug/L	100			78	112	
	Cyclohexane	20	18.1	ug/L	91			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	18.1	ug/L	91			77	113	
	2,2-Dichloropropane	20	19.9	ug/L	100			56	164	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			77	110	
	Bromochloromethane	20	22.2	ug/L	111			70	124	
	Chloroform	20	20.9	ug/L	104			79	113	
	1,1,1-Trichloroethane	20	19.3	ug/L	97			80	108	
	Methylcyclohexane	20	16.6	ug/L	83			72	115	
	1,1-Dichloropropene	20	18.0	ug/L	90			79	110	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	19.8	ug/L	99			80	115	
	Trichloroethene	20	18.6	ug/L	93			77	113	
	1,2-Dichloropropane	20	20.1	ug/L	101			83	111	
	Dibromomethane	20	19.7	ug/L	99			82	110	
	Bromodichloromethane	20	20.0	ug/L	100			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.3	ug/L	97			82	110	
	t-1,3-Dichloropropene	20	20.3	ug/L	102			79	110	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			82	110	
	1,1,2-Trichloroethane	20	20.5	ug/L	103			83	112	
	1,3-Dichloropropane	20	20.5	ug/L	103			83	111	
	2-Chloroethyl vinyl ether	100	89.6	ug/L	90			75	124	
	2-Hexanone	100	98.3	ug/L	98			73	117	
	Dibromochloromethane	20	20.4	ug/L	102			82	110	
	1,2-Dibromoethane	20	19.6	ug/L	98			81	110	
	Tetrachloroethene	20	17.8	ug/L	89			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2939</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047487.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0822WBS01	1,1,1,2-Tetrachloroethane	20	19.0	ug/L	95			84	111	
	Hexachloroethane	20	16.1	ug/L	81			80	113	
	Ethyl Benzene	20	18.1	ug/L	91			83	109	
	m/p-Xylenes	40	37.2	ug/L	93			82	110	
	o-Xylene	20	18.5	ug/L	93			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.0	ug/L	95			79	109	
	Isopropylbenzene	20	17.3	ug/L	86			83	112	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			76	118	
	1,2,3-Trichloropropane	20	18.2	ug/L	91			75	112	
	Bromobenzene	20	18.3	ug/L	92			77	116	
	N-propylbenzene	20	17.5	ug/L	88			83	112	
	2-Chlorotoluene	20	17.8	ug/L	89			83	110	
	1,3,5-Trimethylbenzene	20	17.8	ug/L	89			85	112	
	4-Chlorotoluene	20	17.9	ug/L	90			82	110	
	tert-Butylbenzene	20	17.7	ug/L	89			83	112	
	1,2,4-Trimethylbenzene	20	18.2	ug/L	91			85	111	
	Sec-butylbenzene	20	17.6	ug/L	88			81	114	
	p-Isopropyltoluene	20	17.4	ug/L	87			78	116	
	1,3-Dichlorobenzene	20	17.8	ug/L	89			82	108	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			82	107	
	n-Butylbenzene	20	17.3	ug/L	86			75	115	
	1,2-Dichlorobenzene	20	18.2	ug/L	91			82	109	
	1,2-Dibromo-3-Chloropropane	20	17.9	ug/L	90			68	112	
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87			75	113	
	Hexachlorobutadiene	20	16.6	ug/L	83			81	121	
	Naphthalene	20	17.9	ug/L	90			78	119	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2939</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047488.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0822WBSD01	Dichlorodifluoromethane	20	17.4	ug/L	87	1		69	116	19
	Chloromethane	20	17.4	ug/L	87	4		65	116	21
	Vinyl chloride	20	17.0	ug/L	85	3		65	117	19
	Ethyl Acetate	20	17.1	ug/L	86	5		75	115	27
	Bromomethane	20	18.2	ug/L	91	4		58	125	20
	Chloroethane	20	18.3	ug/L	92	2		56	128	20
	Trichlorofluoromethane	20	17.6	ug/L	88	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94	0		80	112	15
	Tert butyl alcohol	100	110	ug/L	110	9		48	142	30
	1,1-Dichloroethene	20	17.4	ug/L	87	8		74	110	20
	Acrolein	100	110	ug/L	110	9		28	144	30
	Acrylonitrile	100	100	ug/L	100	10		73	113	29
	Acetone	100	100	ug/L	100	10		60	125	20
	Carbon disulfide	20	17.2	ug/L	86	2		64	112	20
	Methyl tert-butyl Ether	20	20.5	ug/L	103	1		78	114	20
	Methyl Acetate	20	22.6	ug/L	113	1		67	125	20
	Methylene Chloride	20	19.9	ug/L	100	3		72	114	20
	trans-1,2-Dichloroethene	20	18.3	ug/L	92	2		75	108	16
	Vinyl Acetate	100	100	ug/L	100	0		76	115	26
	1,1-Dichloroethane	20	19.7	ug/L	99	1		78	112	20
	Cyclohexane	20	18.2	ug/L	91	0		75	110	20
	2-Butanone	100	110	ug/L	110	0		65	122	26
	Carbon Tetrachloride	20	17.9	ug/L	90	1		77	113	15
	2,2-Dichloropropane	20	18.4	ug/L	92	8		56	164	20
	cis-1,2-Dichloroethene	20	19.8	ug/L	99	2		77	110	20
	Bromochloromethane	20	21.7	ug/L	109	2		70	124	20
	Chloroform	20	20.1	ug/L	101	3		79	113	20
	1,1,1-Trichloroethane	20	18.7	ug/L	94	3		80	108	20
	Methylcyclohexane	20	17.0	ug/L	85	2		72	115	20
	1,1-Dichloropropene	20	17.4	ug/L	87	3		79	110	16
	Benzene	20	19.1	ug/L	96	0		82	109	15
	1,2-Dichloroethane	20	19.5	ug/L	98	1		80	115	20
	Trichloroethene	20	18.3	ug/L	92	1		77	113	15
	1,2-Dichloropropane	20	19.2	ug/L	96	5		83	111	16
	Dibromomethane	20	19.5	ug/L	98	1		82	110	20
	Bromodichloromethane	20	19.6	ug/L	98	2		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	0		74	118	25
	Toluene	20	18.8	ug/L	94	3		82	110	16
	t-1,3-Dichloropropene	20	19.6	ug/L	98	4		79	110	20
	cis-1,3-Dichloropropene	20	19.4	ug/L	97	5		82	110	16
	1,1,2-Trichloroethane	20	19.9	ug/L	100	3		83	112	20
	1,3-Dichloropropane	20	20.3	ug/L	102	1		83	111	20
	2-Chloroethyl vinyl ether	100	89.3	ug/L	89	1		75	124	20
	2-Hexanone	100	98.0	ug/L	98	0		73	117	25
	Dibromochloromethane	20	19.6	ug/L	98	4		82	110	20
	1,2-Dibromoethane	20	19.5	ug/L	98	0		81	110	20
	Tetrachloroethene	20	17.8	ug/L	89	0		67	123	15
	Chlorobenzene	20	18.6	ug/L	93	1		82	109	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2939</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047488.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0822WBSD01	1,1,1,2-Tetrachloroethane	20	19.2	ug/L	96	1		84	111	20
	Hexachloroethane	20	17.9	ug/L	90	11		80	113	20
	Ethyl Benzene	20	18.5	ug/L	93	2		83	109	16
	m/p-Xylenes	40	37.6	ug/L	94	1		82	110	15
	o-Xylene	20	18.7	ug/L	94	1		83	109	20
	Styrene	20	19.3	ug/L	97	1		80	111	17
	Bromoform	20	20.1	ug/L	101	6		79	109	20
	Isopropylbenzene	20	18.9	ug/L	95	10		83	112	29
	1,1,2,2-Tetrachloroethane	20	20.0	ug/L	100	6		76	118	20
	1,2,3-Trichloropropane	20	19.7	ug/L	99	8		75	112	20
	Bromobenzene	20	19.1	ug/L	96	4		77	116	20
	N-propylbenzene	20	18.8	ug/L	94	7		83	112	20
	2-Chlorotoluene	20	18.8	ug/L	94	5		83	110	20
	1,3,5-Trimethylbenzene	20	18.9	ug/L	95	7		85	112	20
	4-Chlorotoluene	20	18.8	ug/L	94	4		82	110	20
	tert-Butylbenzene	20	19.1	ug/L	96	8		83	112	20
	1,2,4-Trimethylbenzene	20	19.2	ug/L	96	5		85	111	20
	Sec-butylbenzene	20	19.2	ug/L	96	9		81	114	20
	p-Isopropyltoluene	20	18.7	ug/L	94	8		78	116	20
	1,3-Dichlorobenzene	20	19.2	ug/L	96	8		82	108	20
	1,4-Dichlorobenzene	20	18.8	ug/L	94	5		82	107	15
	n-Butylbenzene	20	19.0	ug/L	95	10		75	115	20
	1,2-Dichlorobenzene	20	19.4	ug/L	97	6		82	109	20
	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96	6		68	112	20
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	8		75	113	29
	Hexachlorobutadiene	20	19.1	ug/L	96	15		81	121	20
	Naphthalene	20	19.5	ug/L	98	9		78	119	20
	1,2,3-Trichlorobenzene	20	19.1	ug/L	96	9		76	114	29

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2939</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047514.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0825WBS01	Dichlorodifluoromethane	20	16.9	ug/L	85			69	116	
	Chloromethane	20	16.0	ug/L	80			65	116	
	Vinyl chloride	20	16.8	ug/L	84			65	117	
	Ethyl Acetate	20	16.8	ug/L	84			75	115	
	Bromomethane	20	17.3	ug/L	86			58	125	
	Chloroethane	20	16.9	ug/L	85			56	128	
	Trichlorofluoromethane	20	17.7	ug/L	89			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.2	ug/L	91			80	112	
	Tert butyl alcohol	100	110	ug/L	110			48	142	
	1,1-Dichloroethene	20	17.6	ug/L	88			74	110	
	Acrolein	100	87.6	ug/L	88			28	144	
	Acrylonitrile	100	93.5	ug/L	94			73	113	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	16.0	ug/L	80			64	112	
	Methyl tert-butyl Ether	20	19.1	ug/L	96			78	114	
	Methyl Acetate	20	21.8	ug/L	109			67	125	
	Methylene Chloride	20	18.5	ug/L	93			72	114	
	trans-1,2-Dichloroethene	20	17.6	ug/L	88			75	108	
	Vinyl Acetate	100	93.3	ug/L	93			76	115	
	1,1-Dichloroethane	20	18.5	ug/L	93			78	112	
	Cyclohexane	20	17.4	ug/L	87			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	17.9	ug/L	90			77	113	
	2,2-Dichloropropane	20	19.2	ug/L	96			56	164	
	cis-1,2-Dichloroethene	20	18.5	ug/L	93			77	110	
	Bromochloromethane	20	27.5	ug/L	138		*	70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	18.5	ug/L	93			80	108	
	Methylcyclohexane	20	16.9	ug/L	85			72	115	
	1,1-Dichloropropene	20	17.4	ug/L	87			79	110	
	Benzene	20	18.5	ug/L	93			82	109	
	1,2-Dichloroethane	20	18.9	ug/L	95			80	115	
	Trichloroethene	20	17.6	ug/L	88			77	113	
	1,2-Dichloropropane	20	18.7	ug/L	94			83	111	
	Dibromomethane	20	18.7	ug/L	94			82	110	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	95.5	ug/L	96			74	118	
	Toluene	20	18.4	ug/L	92			82	110	
	t-1,3-Dichloropropene	20	18.9	ug/L	95			79	110	
	cis-1,3-Dichloropropene	20	18.9	ug/L	95			82	110	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			83	112	
	1,3-Dichloropropane	20	18.9	ug/L	95			83	111	
	2-Chloroethyl vinyl ether	100	95.8	ug/L	96			75	124	
	2-Hexanone	100	96.3	ug/L	96			73	117	
	Dibromochloromethane	20	19.2	ug/L	96			82	110	
	1,2-Dibromoethane	20	18.7	ug/L	94			81	110	
	Tetrachloroethene	20	17.6	ug/L	88			67	123	
	Chlorobenzene	20	18.5	ug/L	93			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2939</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Chemtech Consulting Group</u>	Datafile :	<u>VX047514.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0825WBS01	1,1,1,2-Tetrachloroethane	20	18.6	ug/L	93			84	111	
	Hexachloroethane	20	17.6	ug/L	88			80	113	
	Ethyl Benzene	20	18.1	ug/L	91			83	109	
	m/p-Xylenes	40	36.9	ug/L	92			82	110	
	o-Xylene	20	18.4	ug/L	92			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.0	ug/L	95			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	18.0	ug/L	90			75	112	
	Bromobenzene	20	18.6	ug/L	93			77	116	
	N-propylbenzene	20	18.3	ug/L	92			83	112	
	2-Chlorotoluene	20	18.2	ug/L	91			83	110	
	1,3,5-Trimethylbenzene	20	18.3	ug/L	92			85	112	
	4-Chlorotoluene	20	17.9	ug/L	90			82	110	
	tert-Butylbenzene	20	18.4	ug/L	92			83	112	
	1,2,4-Trimethylbenzene	20	18.6	ug/L	93			85	111	
	Sec-butylbenzene	20	18.3	ug/L	92			81	114	
	p-Isopropyltoluene	20	18.4	ug/L	92			78	116	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	18.2	ug/L	91			82	107	
	n-Butylbenzene	20	18.3	ug/L	92			75	115	
	1,2-Dichlorobenzene	20	18.5	ug/L	93			82	109	
	1,2-Dibromo-3-Chloropropane	20	17.0	ug/L	85			68	112	
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90			75	113	
	Hexachlorobutadiene	20	18.3	ug/L	92			81	121	
	Naphthalene	20	18.0	ug/L	90			78	119	
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91			76	114	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0822WBL01

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2939

Lab File ID: VX047486.D

Lab Sample ID: VX0822WBL01

Date Analyzed: 08/22/2025

Time Analyzed: 10:53

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
VX0822WBS01	VX0822WBS01	VX047487.D	08/22/2025
VX0822WBSD01	VX0822WBSD01	VX047488.D	08/22/2025
STORAGE-BLANK-WATER-REF-5	Q2939-02	VX047504.D	08/22/2025
STORAGE-BLANK-WATER-REF-4	Q2939-03	VX047505.D	08/22/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2939-04	VX047506.D	08/22/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0825WBL01

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2939

Lab File ID: VX047513.D

Lab Sample ID: VX0825WBL01

Date Analyzed: 08/25/2025

Time Analyzed: 11:04

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
VX0825WBS01	VX0825WBS01	VX047514.D	08/25/2025
STORAGE-BLANK-SOIL-REF-6	Q2939-01	VX047517.D	08/25/2025

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.: Q2939

Lab File ID: VX047347.D

BFB Injection Date: 08/15/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:28

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	19.3
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71.9 (96.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VX047349.D	08/15/2025	09:40
VSTDIC020	VSTDIC020	VX047350.D	08/15/2025	10:01
VSTDIC050	VSTDIC050	VX047351.D	08/15/2025	10:22
VSTDIC100	VSTDIC100	VX047352.D	08/15/2025	10:43
VSTDIC150	VSTDIC150	VX047353.D	08/15/2025	11:05
VSTDIC001	VSTDIC001	VX047356.D	08/15/2025	12:30



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2939

Lab File ID: VX047483.D

BFB Injection Date: 08/22/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:25

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	19.7
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	71.3
175	5.0 - 9.0% of mass 174	5.4 (7.6) 1
176	95.0 - 101.0% of mass 174	69.6 (97.7) 1
177	5.0 - 9.0% of mass 176	4.5 (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	VX047484.D	08/22/2025	10:00
VX0822WBL01	VX0822WBL01	VX047486.D	08/22/2025	10:53
VX0822WBS01	VX0822WBS01	VX047487.D	08/22/2025	11:22
VX0822WBSD01	VX0822WBSD01	VX047488.D	08/22/2025	11:51
STORAGE-BLANK-WATER-REF-5	Q2939-02	VX047504.D	08/22/2025	17:27
STORAGE-BLANK-WATER-REF-4	Q2939-03	VX047505.D	08/22/2025	17:48
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2939-04	VX047506.D	08/22/2025	18:09



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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2939

Lab File ID: VX047510.D

BFB Injection Date: 08/25/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:12

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	18.7
75	30.0 - 60.0% of mass 95	51.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	71 (95.6) 1
177	5.0 - 9.0% of mass 176	4.7 (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	VX047511.D	08/25/2025	10:14
VX0825WBL01	VX0825WBL01	VX047513.D	08/25/2025	11:04
VX0825WBS01	VX0825WBS01	VX047514.D	08/25/2025	12:03
STORAGE-BLANK-SOIL-REF-6	Q2939-01	VX047517.D	08/25/2025	13:12

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG NO.: Q2939
 Lab File ID: VX047484.D Date Analyzed: 08/22/2025
 Instrument ID: MSVOA_X Time Analyzed: 10:00
 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	202377	5.56	354638	6.76	324101	10.05
UPPER LIMIT	404754	6.056	709276	7.263	648202	10.549
LOWER LIMIT	101189	5.056	177319	6.263	162051	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-WATER-REF-5	198256	5.57	407439	6.77	411354	10.06
STORAGE-BLANK-WATER-REF-4	194076	5.56	394145	6.77	399219	10.06
STORAGE-BLANK-SAMPLE-MANAGEMENT	213181	5.56	431357	6.77	429628	10.06
VX0822WBL01	210866	5.56	425323	6.77	433100	10.06
VX0822WBS01	232449	5.56	415073	6.76	390461	10.06
VX0822WBSD01	237872	5.56	423338	6.76	387914	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.: Q2939
 Lab File ID: VX047484.D Date Analyzed: 08/22/2025
 Instrument ID: MSVOA_X Time Analyzed: 10:00
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	162878	12.018				
UPPER LIMIT	325756	12.518				
LOWER LIMIT	81439	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-WATER-REF-5	212020	12.02				
STORAGE-BLANK-WATER-REF-4	204007	12.02				
STORAGE-BLANK-SAMPLE-MANAGEMENT	224982	12.02				
VX0822WBL01	221983	12.02				
VX0822WBS01	202080	12.02				
VX0822WBSD01	191887	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.: Q2939
Lab File ID: VX047511.D Date Analyzed: 08/25/2025
Instrument ID: MSVOA_X Time Analyzed: 10:14
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	225340	5.56	383910	6.76	348301	10.05
UPPER LIMIT	450680	6.056	767820	7.263	696602	10.549
LOWER LIMIT	112670	5.056	191955	6.263	174151	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	297015	5.57	599700	6.77	588387	10.06
VX0825WBL01	288899	5.56	581002	6.77	569460	10.06
VX0825WBS01	227627	5.56	393751	6.76	357988	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.: Q2939
 Lab File ID: VX047511.D Date Analyzed: 08/25/2025
 Instrument ID: MSVOA_X Time Analyzed: 10:14
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	169040	12.018				
UPPER LIMIT	338080	12.518				
LOWER LIMIT	84520	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	296600	12.02				
VX0825WBL01	285001	12.02				
VX0825WBS01	182091	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:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2939
Lab Sample ID:	Q2939-01	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
VX047517.D	1	08/25/25 13:12	VX082525

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	UQ	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:	08/15/25	
Project:	Weekly Storage Blanks			Date Received:	08/22/25	
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6			SDG No.:	Q2939	
Lab Sample ID:	Q2939-01			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
VX047517.D	1	08/25/25 13:12	VX082525

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:	08/15/25	
Project:	Weekly Storage Blanks			Date Received:	08/22/25	
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6			SDG No.:	Q2939	
Lab Sample ID:	Q2939-01			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
VX047517.D	1	08/25/25 13:12	VX082525

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	55.2		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.4		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	297000	5.568			
540-36-3	1,4-Difluorobenzene	600000	6.769			
3114-55-4	Chlorobenzene-d5	588000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	297000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2939
Lab Sample ID:	Q2939-01	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
VX047517.D	1	08/25/25 13:12	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082525\
Data File : VX047517.D
Acq On : 25 Aug 2025 13:12
Operator : JC/MD
Sample : Q2939-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 26 00:38:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	297015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	599700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	588387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	296600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	229399	55.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.380%
35) Dibromofluoromethane	5.397	113	194382	49.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	8.653	98	687651	49.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.860%
62) 4-Bromofluorobenzene	11.079	95	282241	54.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.960%

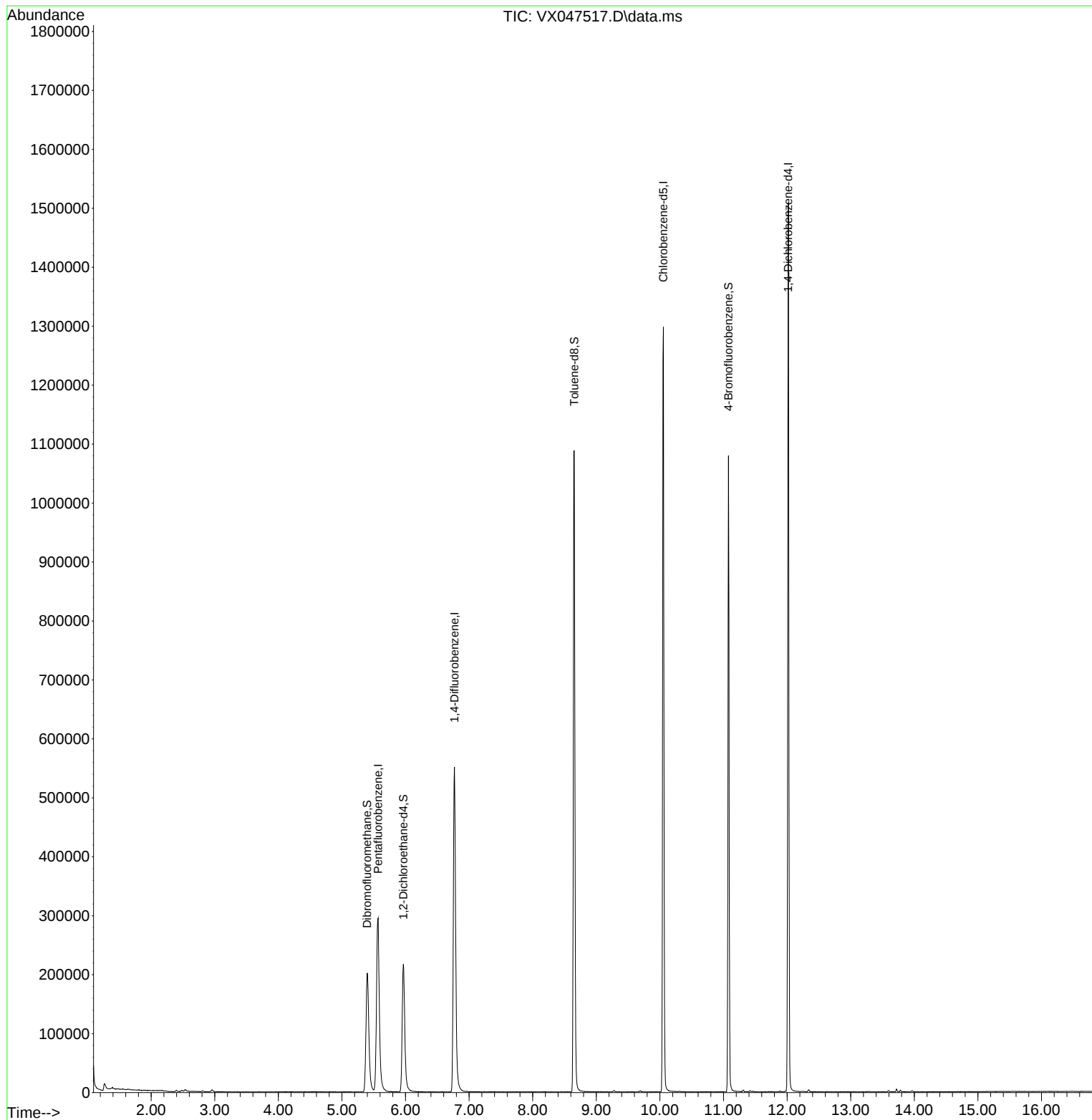
Target Compounds	Qvalue

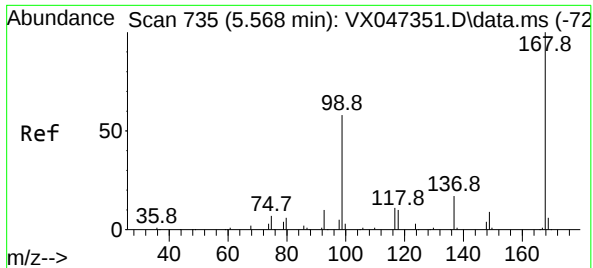
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
Data File : VX047517.D
Acq On : 25 Aug 2025 13:12
Operator : JC/MD
Sample : Q2939-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 26 00:38:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

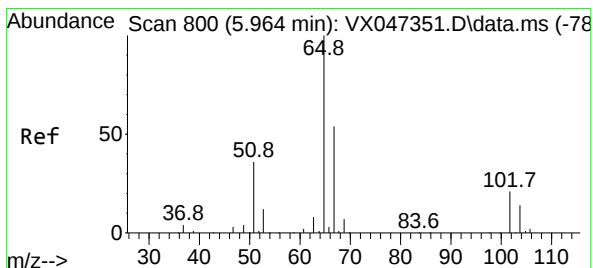
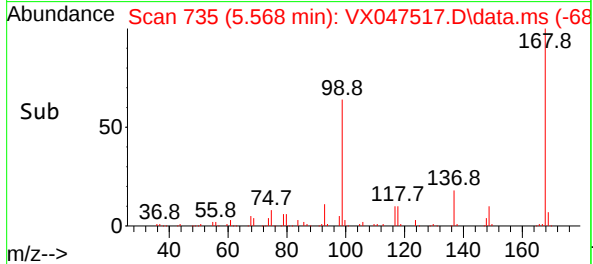
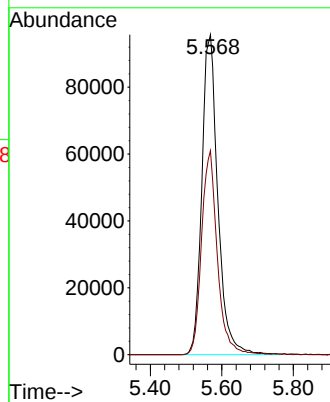
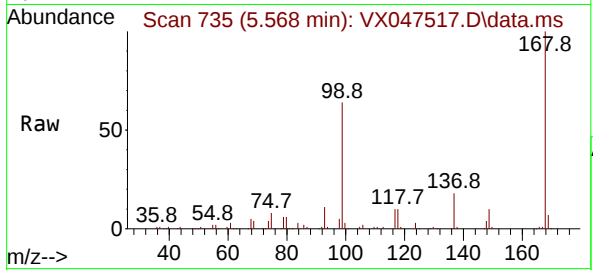




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047517.D
Acq: 25 Aug 2025 13:12

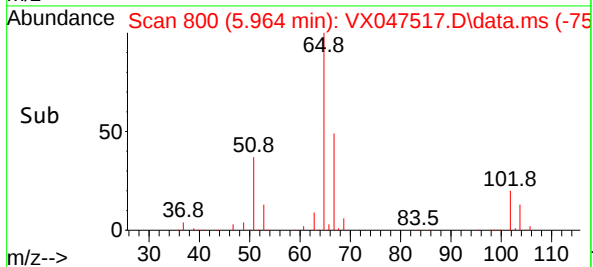
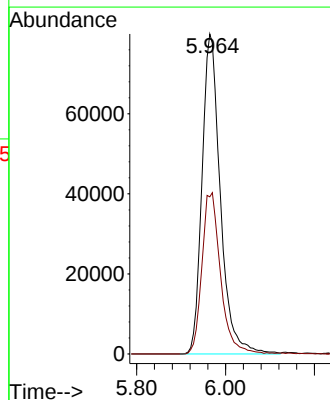
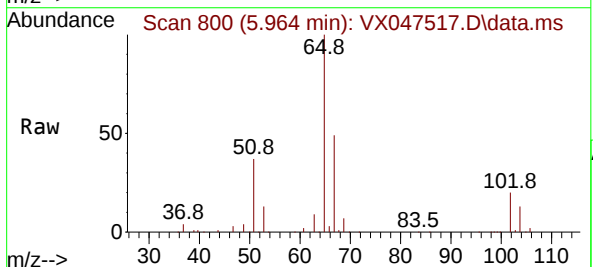
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

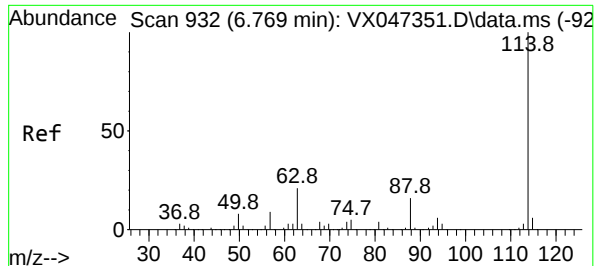
Tgt Ion:168 Resp: 297015
Ion Ratio Lower Upper
168 100
99 63.7 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 55.186 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047517.D
Acq: 25 Aug 2025 13:12

Tgt Ion: 65 Resp: 229399
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047517.D

Acq: 25 Aug 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

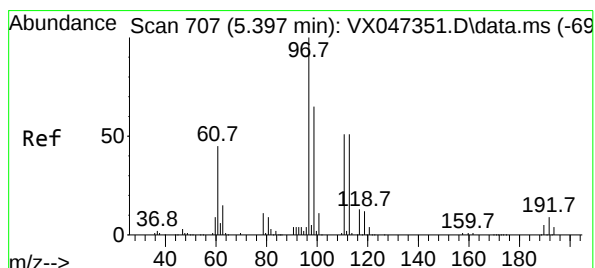
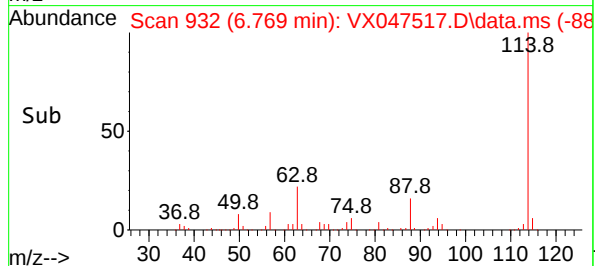
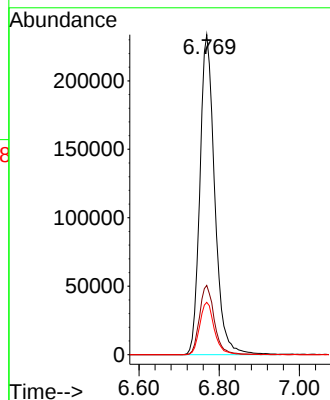
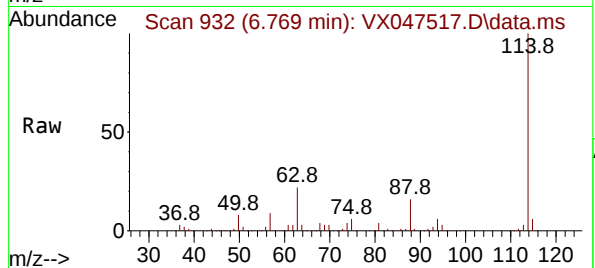
Tgt Ion:114 Resp: 599700

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 16.4 0.0 33.0



#35

Dibromofluoromethane

Concen: 49.943 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047517.D

Acq: 25 Aug 2025 13:12

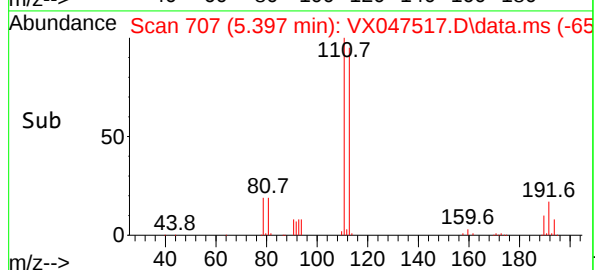
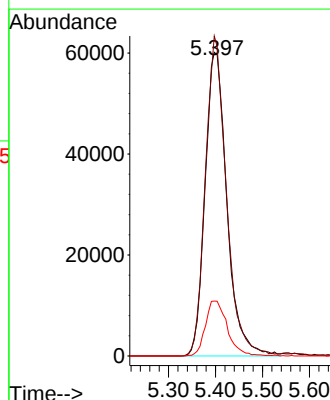
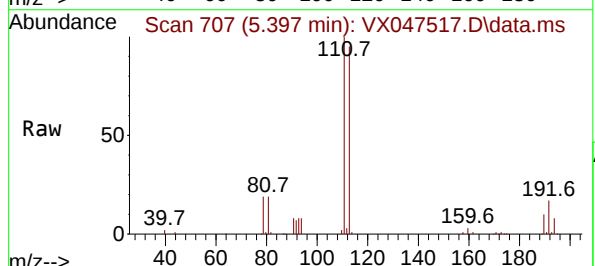
Tgt Ion:113 Resp: 194382

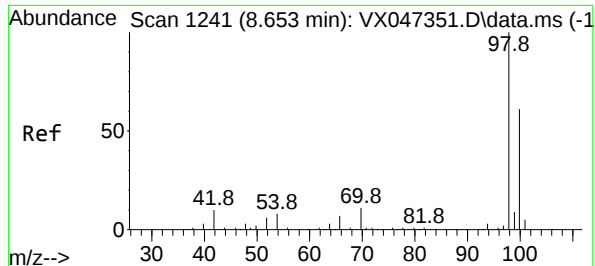
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

192 18.2 14.1 21.1





#50

Toluene-d8

Concen: 49.431 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047517.D

Acq: 25 Aug 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

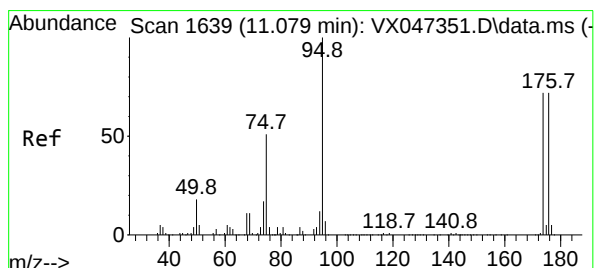
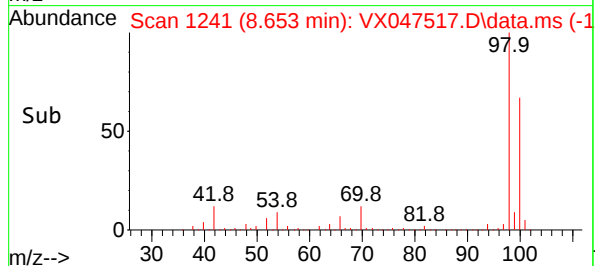
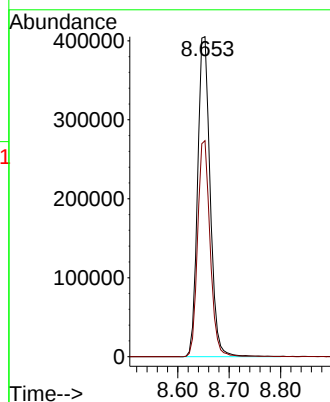
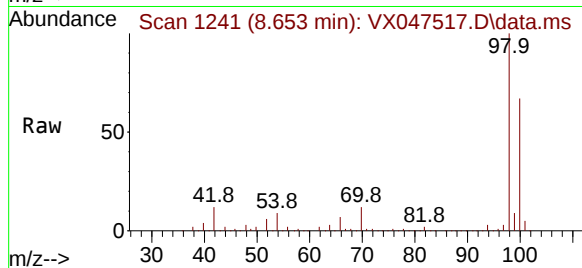
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 687651

Ion Ratio Lower Upper

98 100

100 67.1 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 54.979 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047517.D

Acq: 25 Aug 2025 13:12

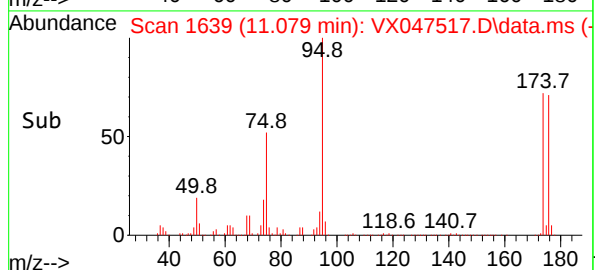
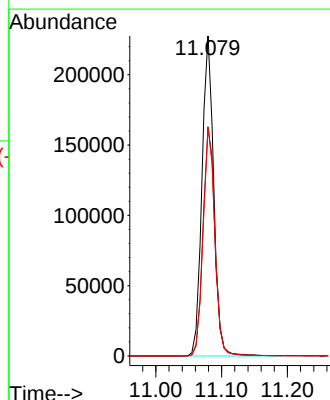
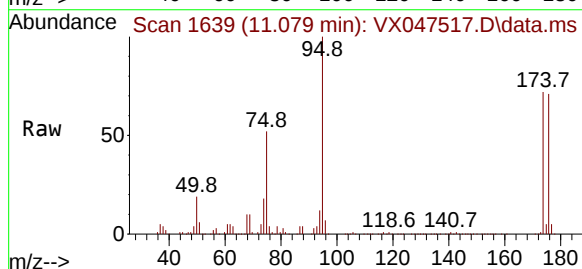
Tgt Ion: 95 Resp: 282241

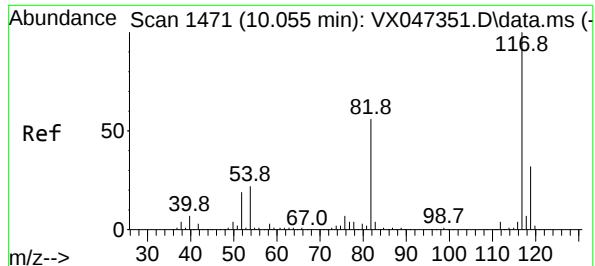
Ion Ratio Lower Upper

95 100

174 72.6 0.0 148.0

176 71.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047517.D

Acq: 25 Aug 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

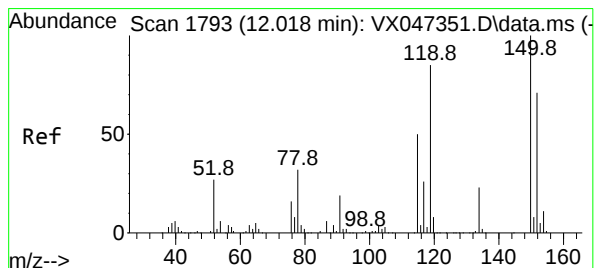
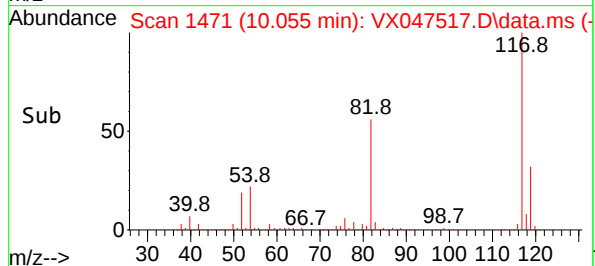
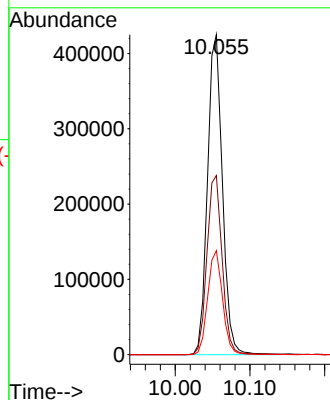
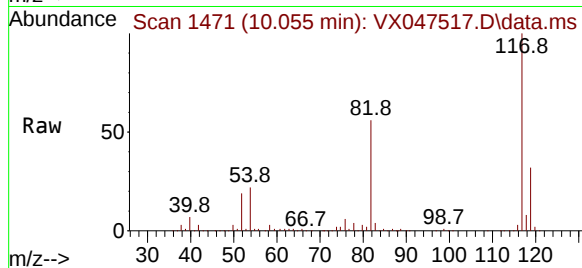
Tgt Ion:117 Resp: 588387

Ion Ratio Lower Upper

117 100

82 56.0 45.0 67.4

119 32.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047517.D

Acq: 25 Aug 2025 13:12

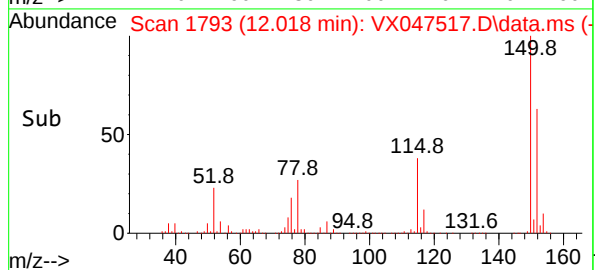
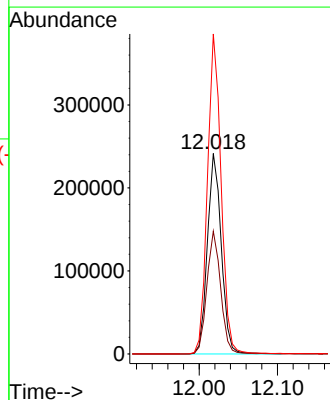
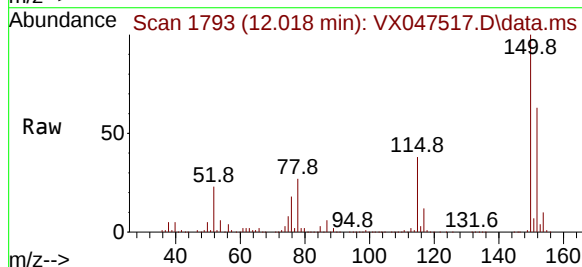
Tgt Ion:152 Resp: 296600

Ion Ratio Lower Upper

152 100

115 60.9 44.6 133.8

150 156.9 0.0 349.8



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2939
Lab Sample ID:	Q2939-02	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
VX047504.D	1	08/22/25 17:27	VX082225

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:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2939
Lab Sample ID:	Q2939-02	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
VX047504.D	1	08/22/25 17:27	VX082225

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:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2939
Lab Sample ID:	Q2939-02	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
VX047504.D	1	08/22/25 17:27	VX082225

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	60.5		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	48.6		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	5.568			
540-36-3	1,4-Difluorobenzene	407000	6.769			
3114-55-4	Chlorobenzene-d5	411000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	212000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2939
Lab Sample ID:	Q2939-02	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
VX047504.D	1	08/22/25 17:27	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082225\
 Data File : VX047504.D
 Acq On : 22 Aug 2025 17:27
 Operator : JC/MD
 Sample : Q2939-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 25 01:31:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	198256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	407439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	212020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167928	60.522	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.040%#
35) Dibromofluoromethane	5.397	113	135008	51.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	8.653	98	459218	48.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	194404	55.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.480%

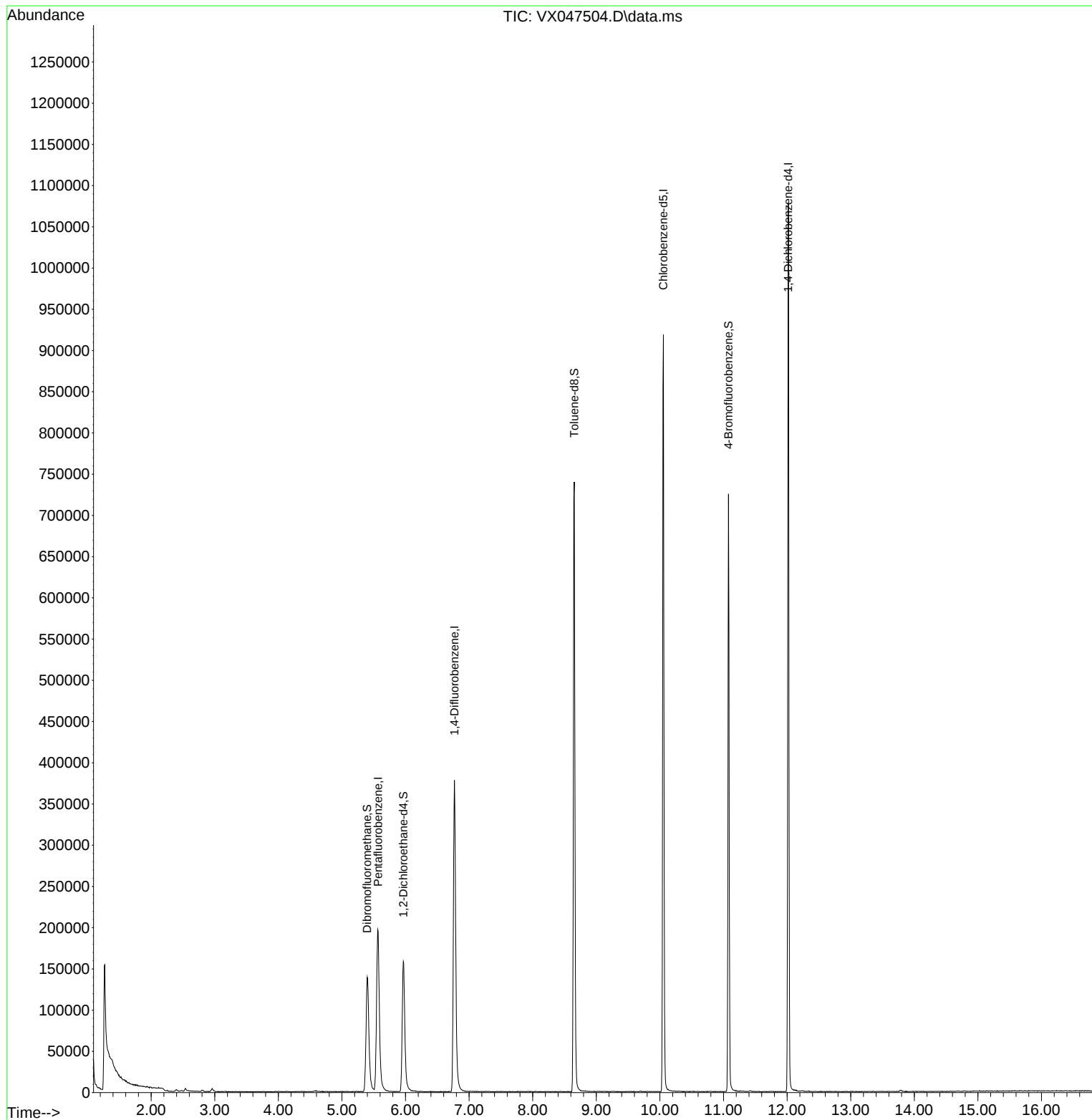
Target Compounds	Qvalue

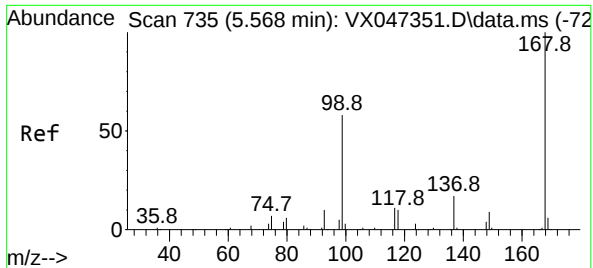
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047504.D
Acq On : 22 Aug 2025 17:27
Operator : JC/MD
Sample : Q2939-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 25 01:31:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

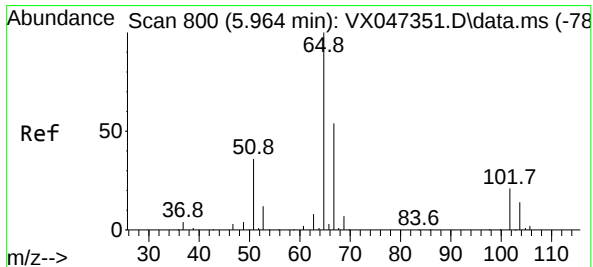
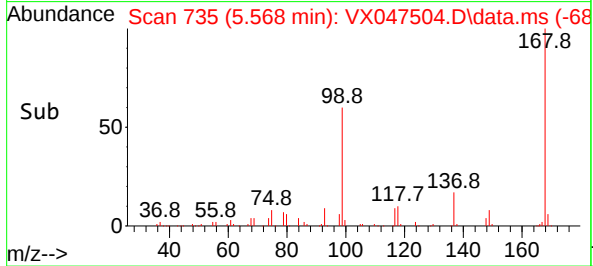
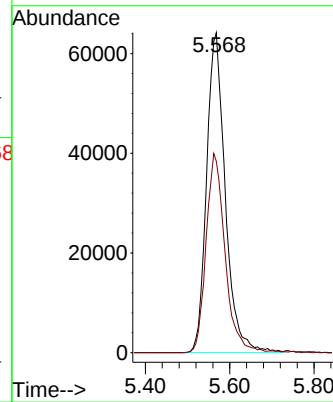
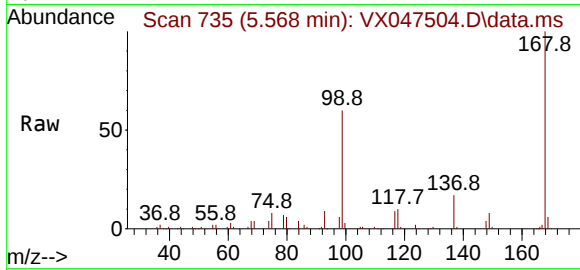




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

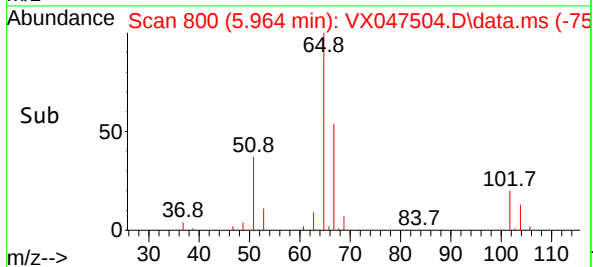
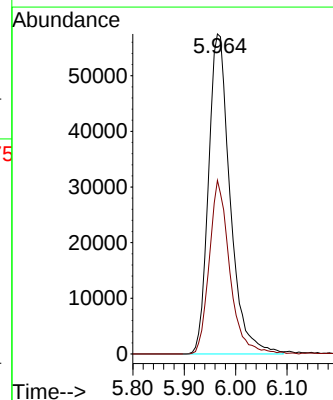
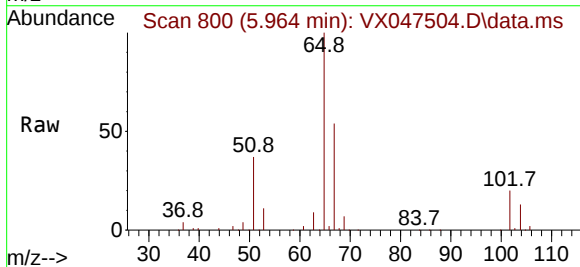
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

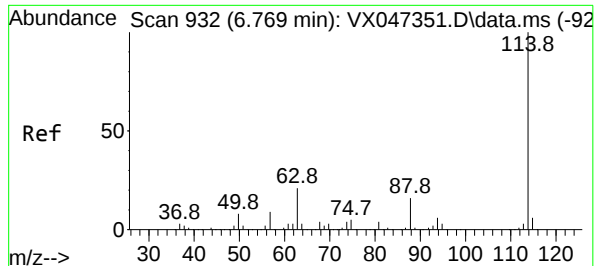
Tgt Ion:168 Resp: 198256
Ion Ratio Lower Upper
168 100
99 59.8 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 60.522 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

Tgt Ion: 65 Resp: 167928
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047504.D

Acq: 22 Aug 2025 17:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

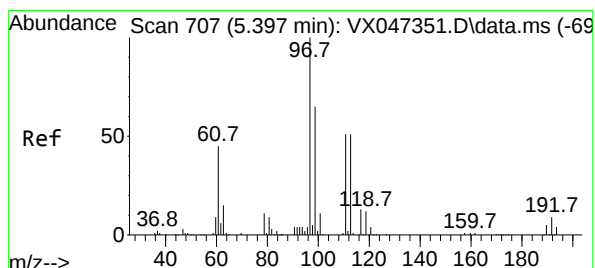
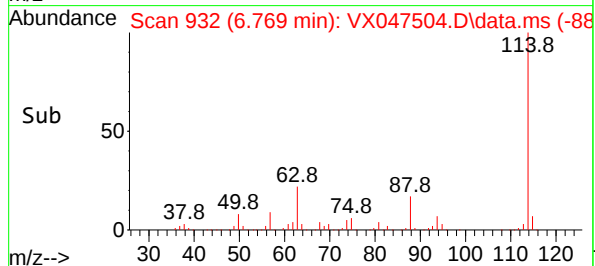
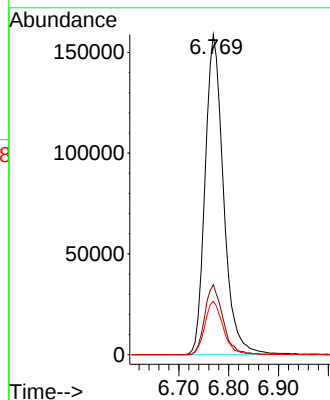
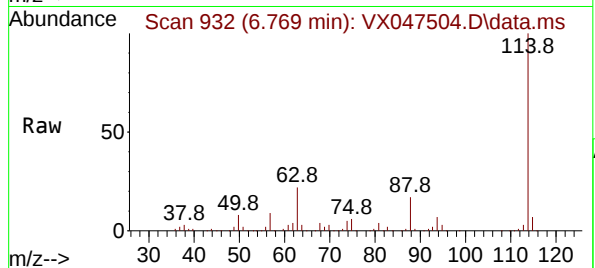
Tgt Ion:114 Resp: 407439

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 16.7 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.056 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047504.D

Acq: 22 Aug 2025 17:27

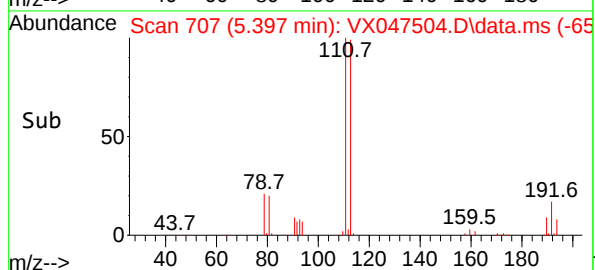
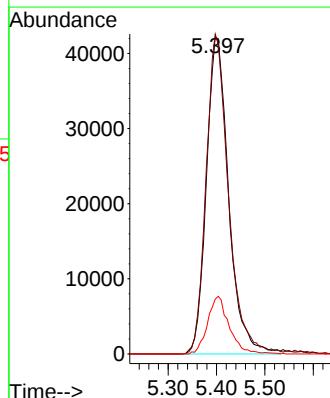
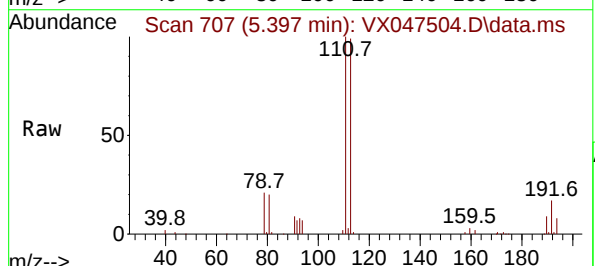
Tgt Ion:113 Resp: 135008

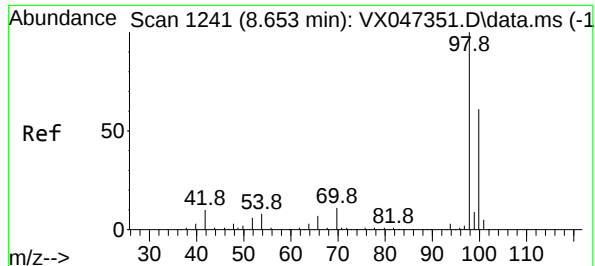
Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.2

192 17.4 14.1 21.1





#50

Toluene-d8

Concen: 48.587 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047504.D

Acq: 22 Aug 2025 17:27

Instrument :

MSVOA_X

ClientSampleId :

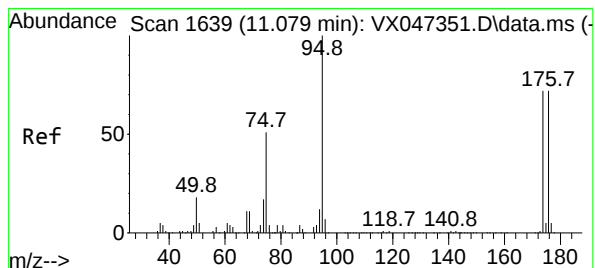
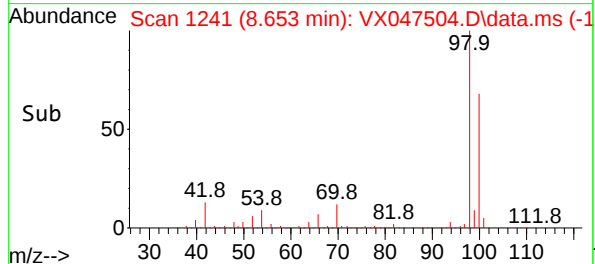
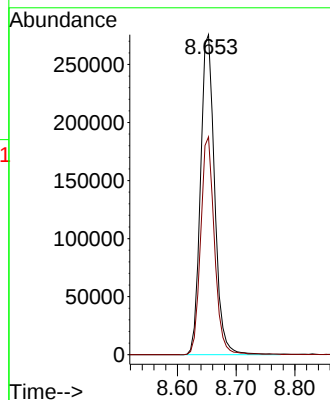
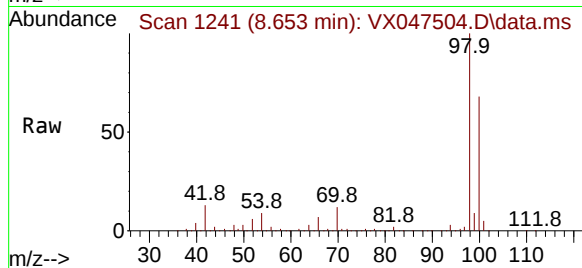
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 459218

Ion Ratio Lower Upper

98 100

100 66.4 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 55.739 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047504.D

Acq: 22 Aug 2025 17:27

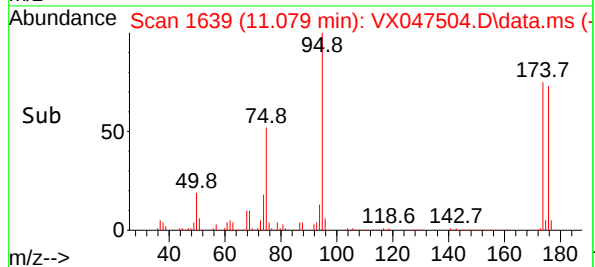
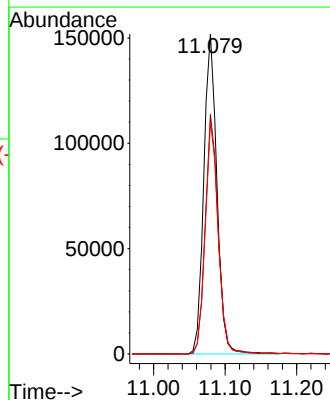
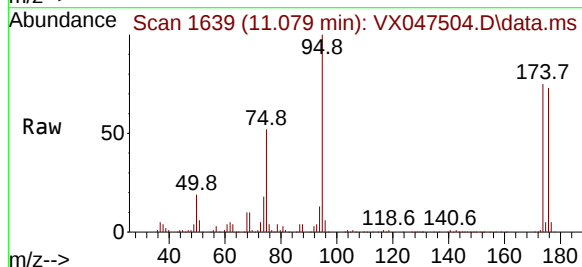
Tgt Ion: 95 Resp: 194404

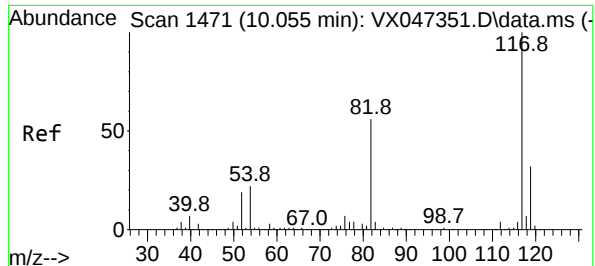
Ion Ratio Lower Upper

95 100

174 73.2 0.0 148.0

176 72.1 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047504.D

Acq: 22 Aug 2025 17:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

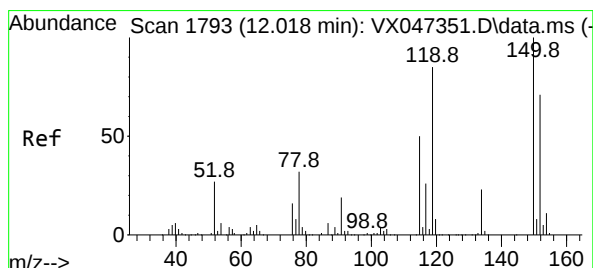
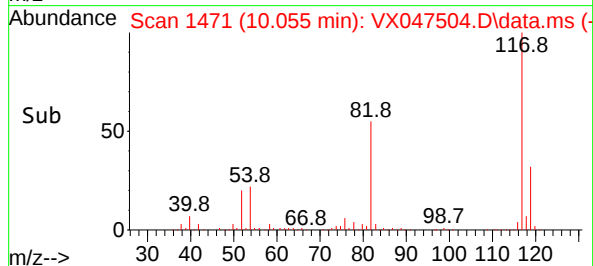
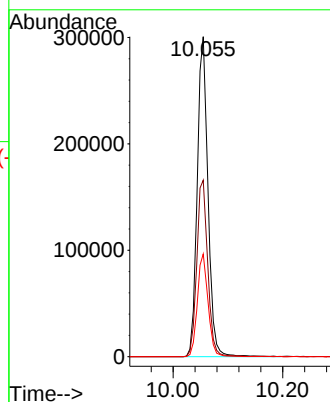
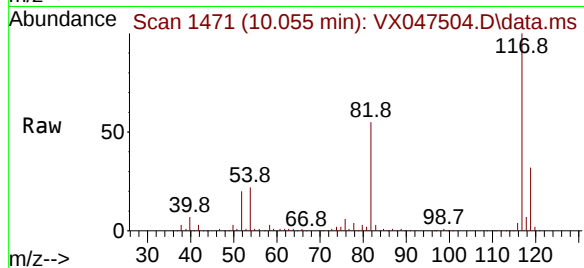
Tgt Ion:117 Resp: 411354

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.4

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047504.D

Acq: 22 Aug 2025 17:27

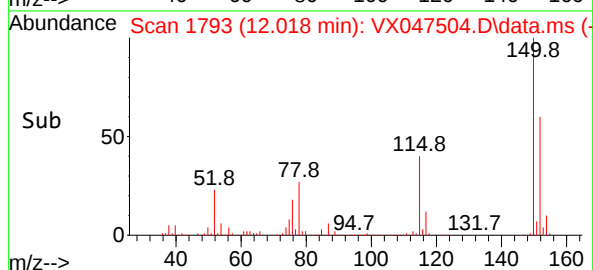
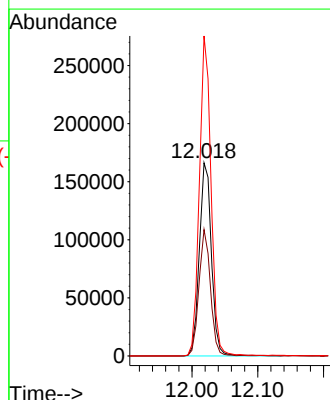
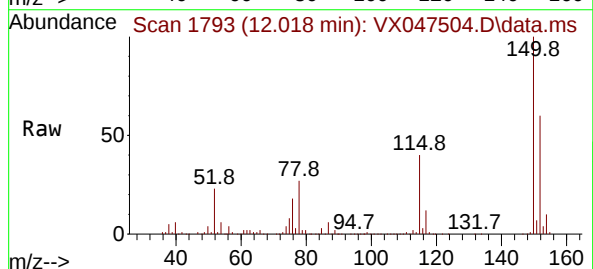
Tgt Ion:152 Resp: 212020

Ion Ratio Lower Upper

152 100

115 62.4 44.6 133.8

150 159.7 0.0 349.8



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	08/15/25	
Project:	Weekly Storage Blanks			Date Received:	08/22/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-4			SDG No.:	Q2939	
Lab Sample ID:	Q2939-03			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
VX047505.D	1	08/22/25 17:48	VX082225

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:	08/15/25	
Project:	Weekly Storage Blanks			Date Received:	08/22/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-4			SDG No.:	Q2939	
Lab Sample ID:	Q2939-03			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
VX047505.D	1	08/22/25 17:48	VX082225

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:	08/15/25	
Project:	Weekly Storage Blanks			Date Received:	08/22/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-4			SDG No.:	Q2939	
Lab Sample ID:	Q2939-03			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
VX047505.D	1	08/22/25 17:48	VX082225

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	55.7		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	194000	5.562			
540-36-3	1,4-Difluorobenzene	394000	6.769			
3114-55-4	Chlorobenzene-d5	399000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	204000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2939
Lab Sample ID:	Q2939-03	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
VX047505.D	1	08/22/25 17:48	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082225\
 Data File : VX047505.D
 Acq On : 22 Aug 2025 17:48
 Operator : JC/MD
 Sample : Q2939-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Aug 25 01:31:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	194076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	394145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	204007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151169	55.656	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.320%
35) Dibromofluoromethane	5.397	113	124768	48.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.653	98	432541	47.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.620%
62) 4-Bromofluorobenzene	11.079	95	181327	53.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.480%

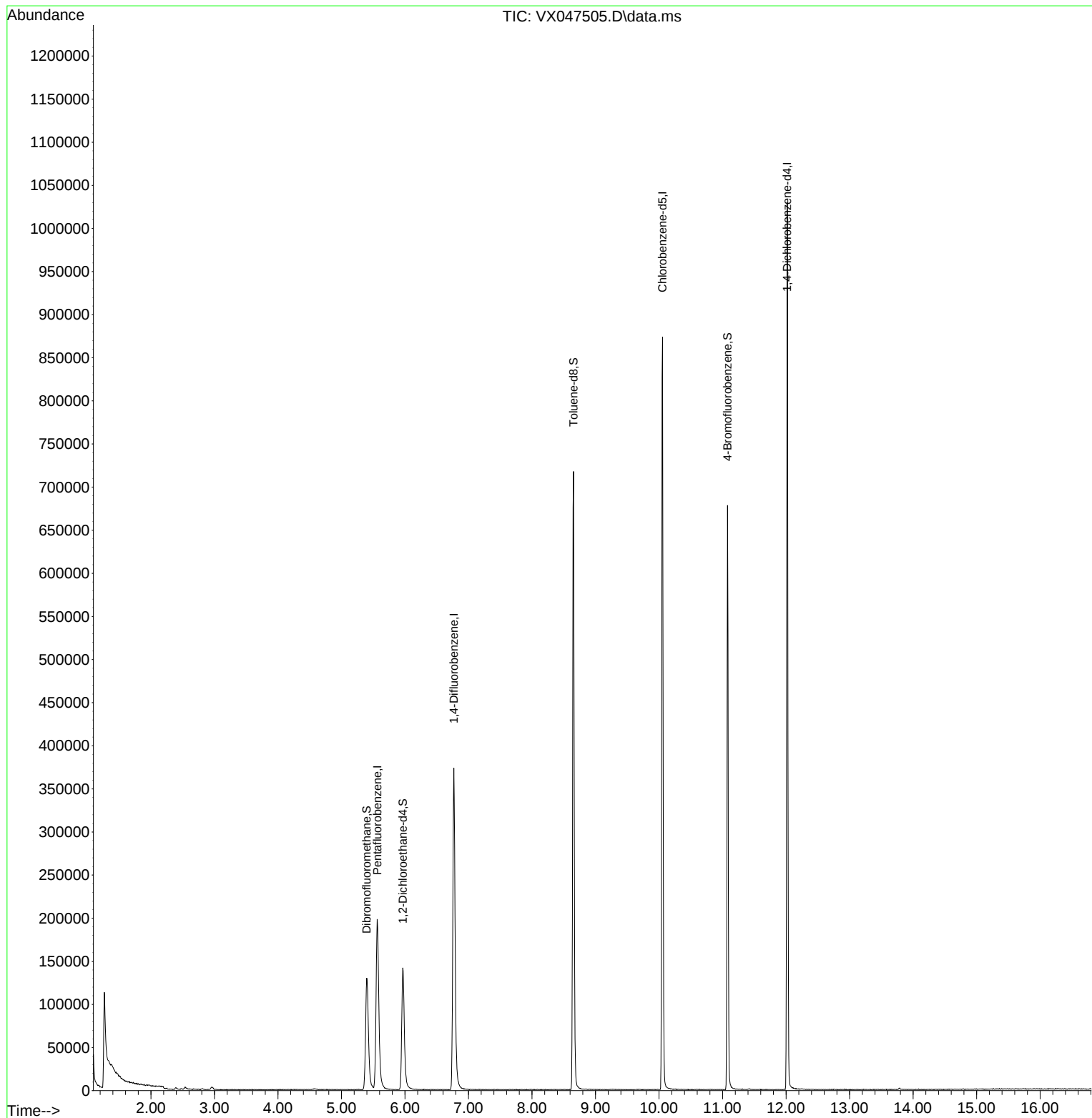
Target Compounds	Qvalue

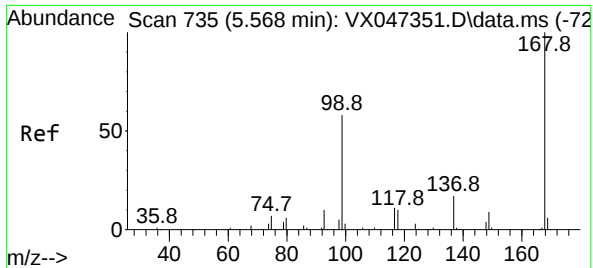
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047505.D
Acq On : 22 Aug 2025 17:48
Operator : JC/MD
Sample : Q2939-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Aug 25 01:31:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

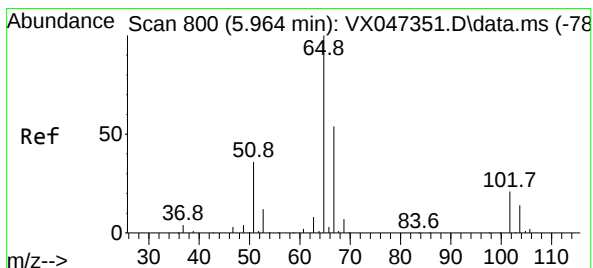
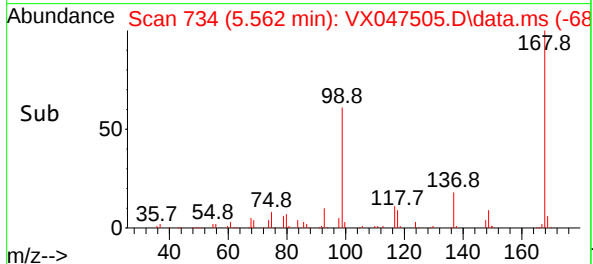
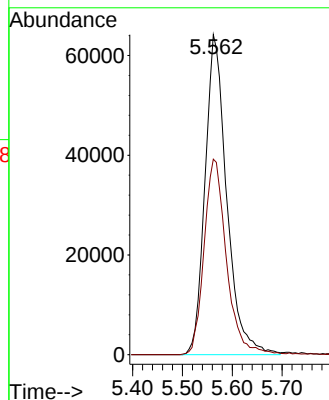
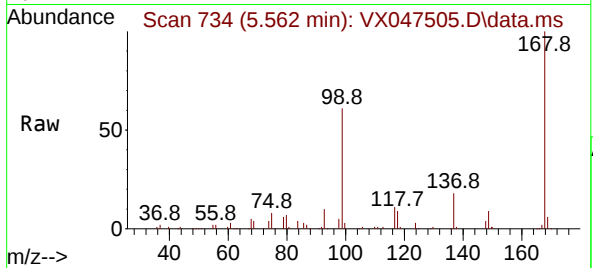




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047505.D
Acq: 22 Aug 2025 17:48

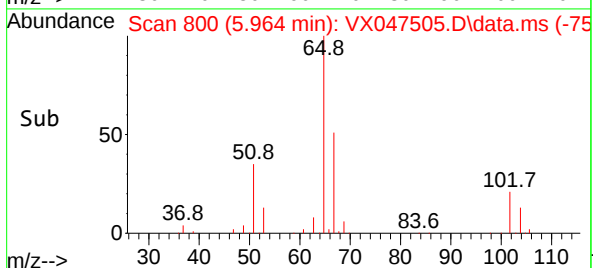
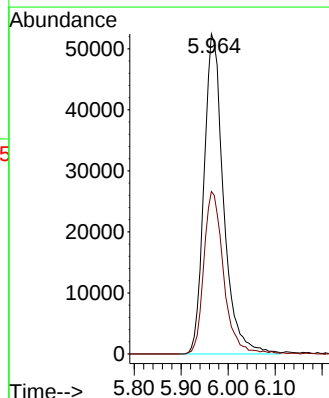
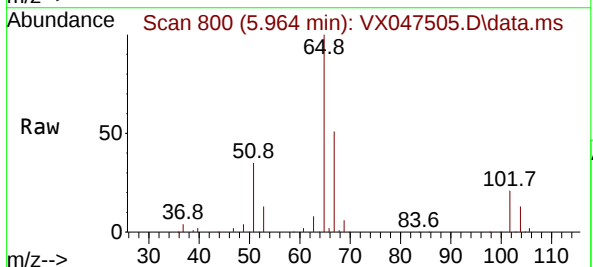
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

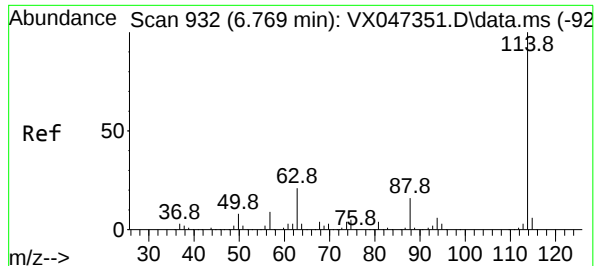
Tgt Ion:168 Resp: 194076
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 55.656 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047505.D
Acq: 22 Aug 2025 17:48

Tgt Ion: 65 Resp: 151169
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047505.D

Acq: 22 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

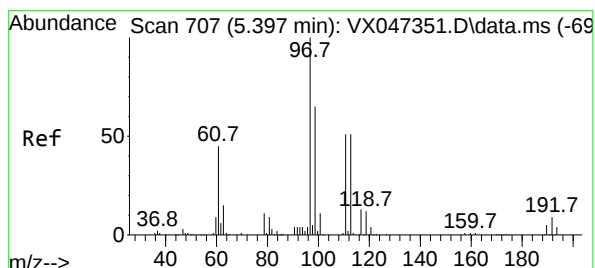
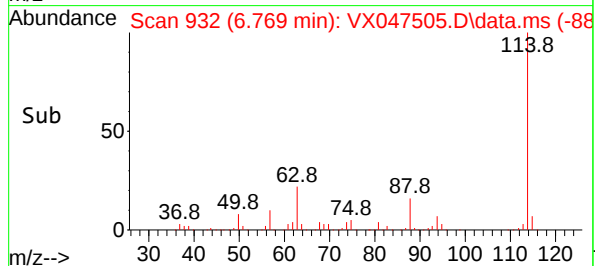
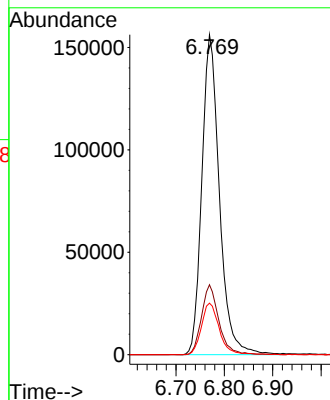
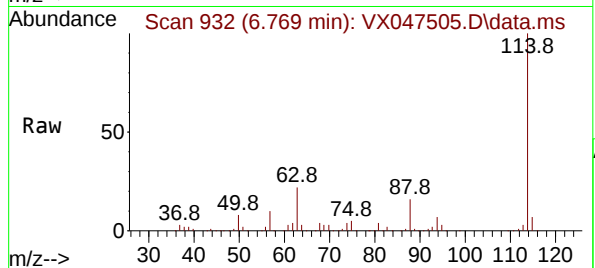
Tgt Ion:114 Resp: 394145

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 16.1 0.0 33.0



#35

Dibromofluoromethane

Concen: 48.775 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047505.D

Acq: 22 Aug 2025 17:48

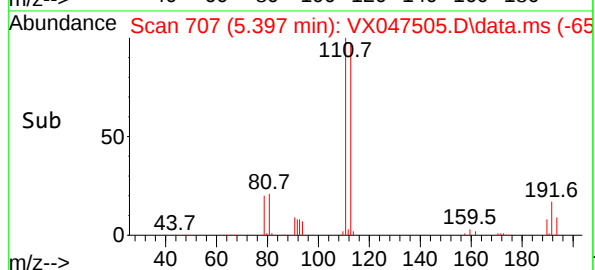
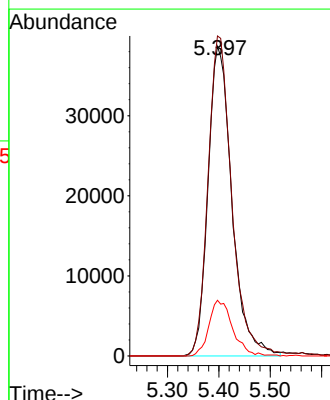
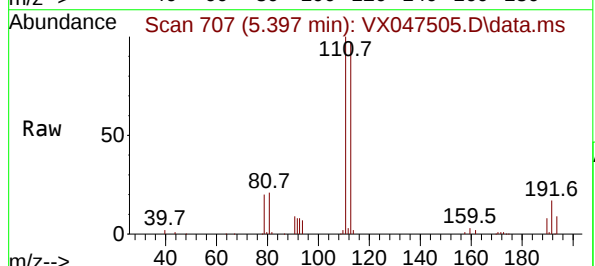
Tgt Ion:113 Resp: 124768

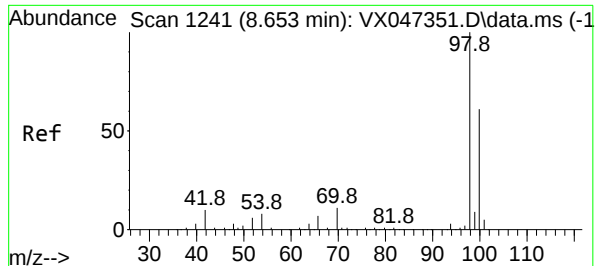
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

192 17.8 14.1 21.1





#50

Toluene-d8

Concen: 47.308 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047505.D

Acq: 22 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

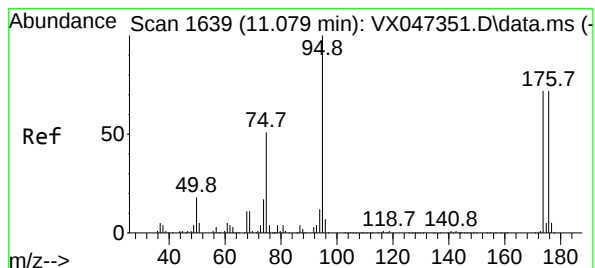
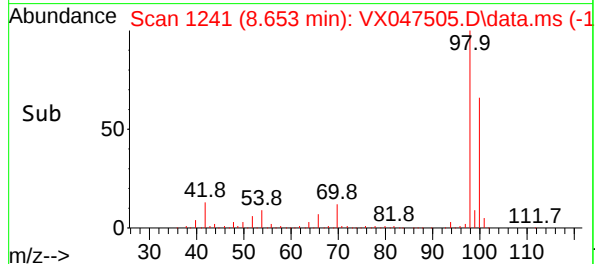
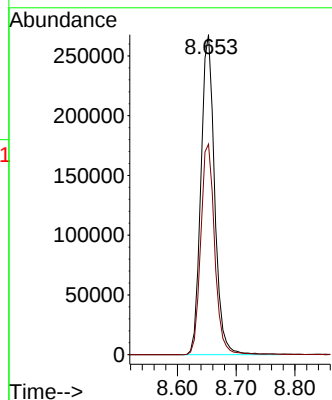
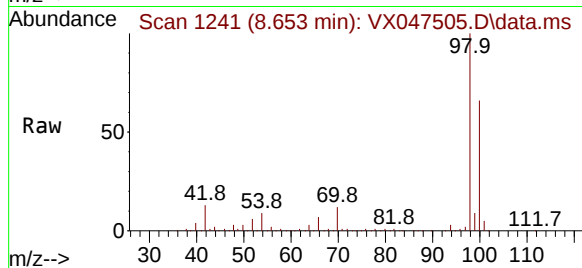
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 432541

Ion Ratio Lower Upper

98 100

100 66.9 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 53.743 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047505.D

Acq: 22 Aug 2025 17:48

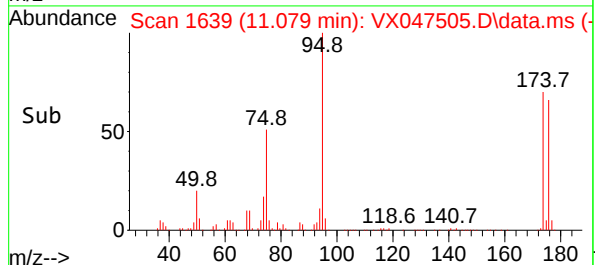
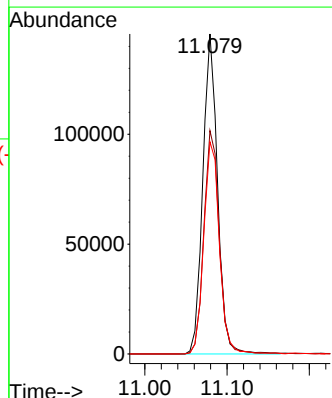
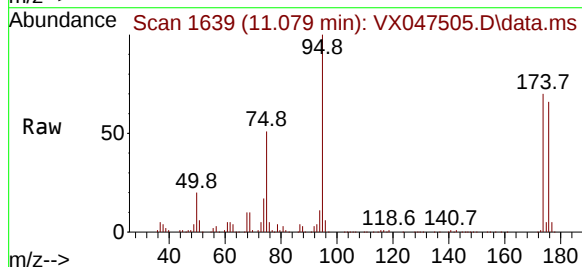
Tgt Ion: 95 Resp: 181327

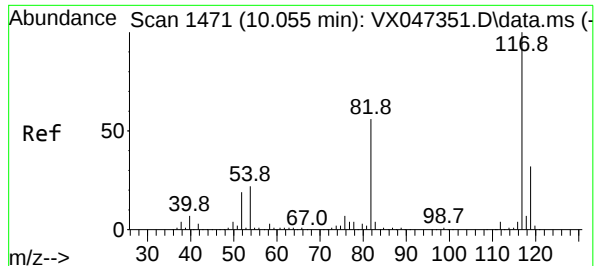
Ion Ratio Lower Upper

95 100

174 72.6 0.0 148.0

176 70.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047505.D

Acq: 22 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

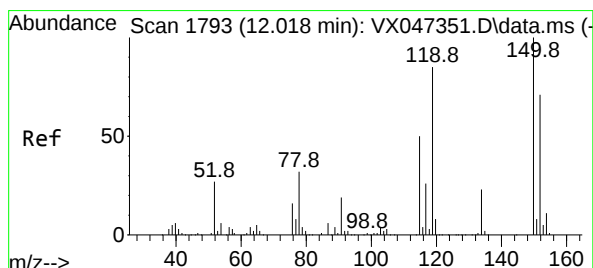
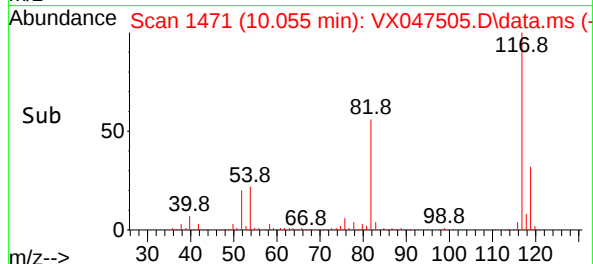
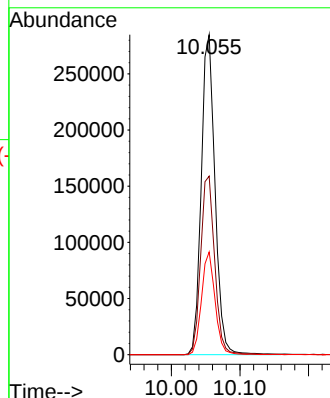
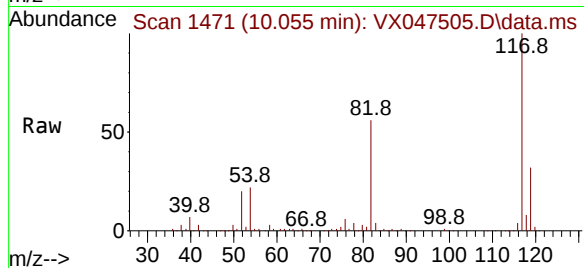
Tgt Ion:117 Resp: 399219

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047505.D

Acq: 22 Aug 2025 17:48

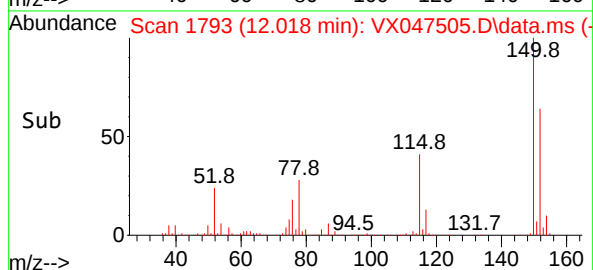
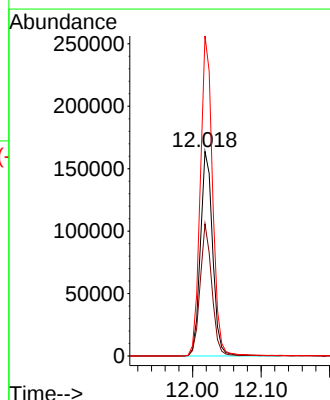
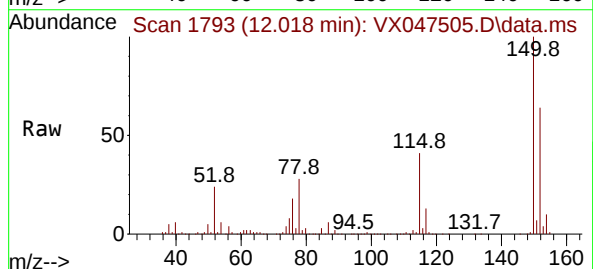
Tgt Ion:152 Resp: 204007

Ion Ratio Lower Upper

152 100

115 61.7 44.6 133.8

150 156.5 0.0 349.8



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2939
Lab Sample ID:	Q2939-04	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
VX047506.D	1	08/22/25 18:09	VX082225

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:	08/15/25	
Project:	Weekly Storage Blanks			Date Received:	08/22/25	
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT			SDG No.:	Q2939	
Lab Sample ID:	Q2939-04			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
VX047506.D	1	08/22/25 18:09	VX082225

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:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2939
Lab Sample ID:	Q2939-04	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
VX047506.D	1	08/22/25 18:09	VX082225

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	56.5		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.1		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	213000	5.562			
540-36-3	1,4-Difluorobenzene	431000	6.769			
3114-55-4	Chlorobenzene-d5	430000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	225000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/15/25
Project:	Weekly Storage Blanks	Date Received:	08/22/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2939
Lab Sample ID:	Q2939-04	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
VX047506.D	1	08/22/25 18:09	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082225\
 Data File : VX047506.D
 Acq On : 22 Aug 2025 18:09
 Operator : JC/MD
 Sample : Q2939-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 25 01:32:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	213181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	431357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	224982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	168690	56.540	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.080%
35) Dibromofluoromethane	5.403	113	139409	49.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.600%
50) Toluene-d8	8.653	98	481525	48.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	201692	54.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.240%

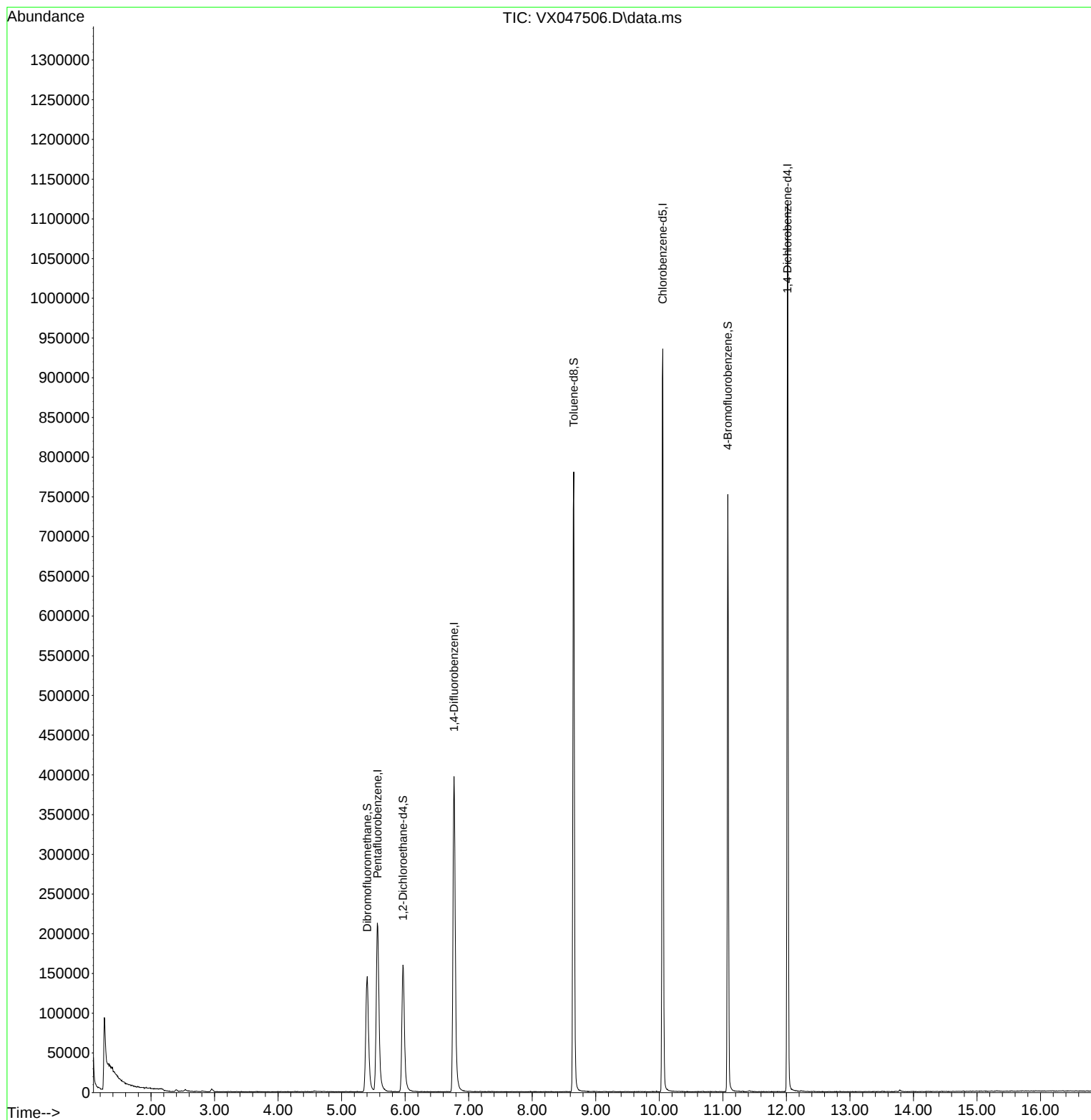
Target Compounds	Qvalue

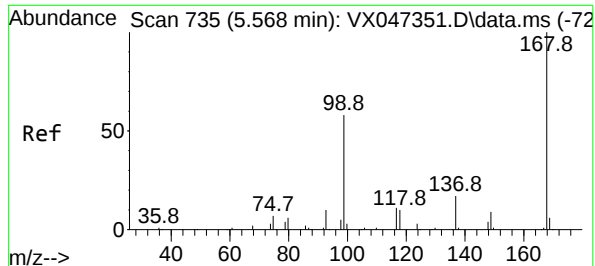
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047506.D
Acq On : 22 Aug 2025 18:09
Operator : JC/MD
Sample : Q2939-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 25 01:32:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

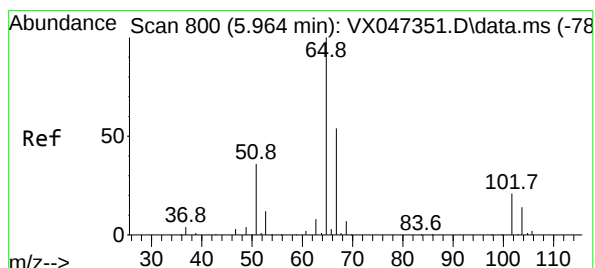
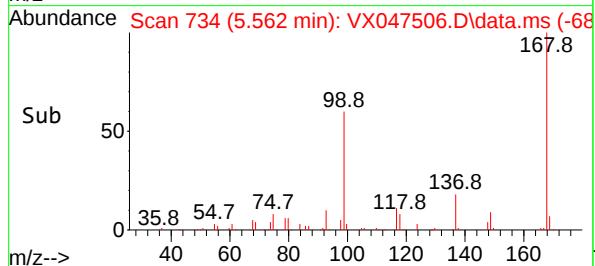
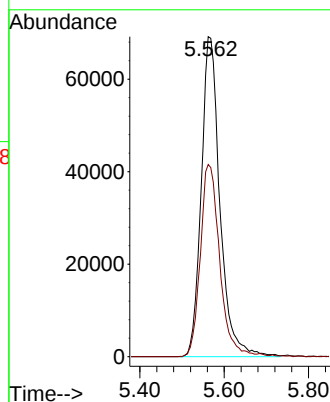
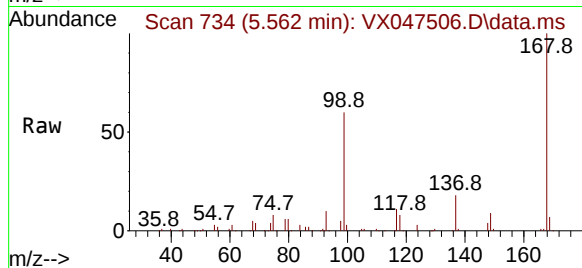




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047506.D
Acq: 22 Aug 2025 18:09

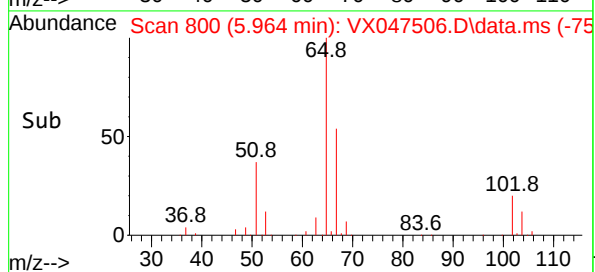
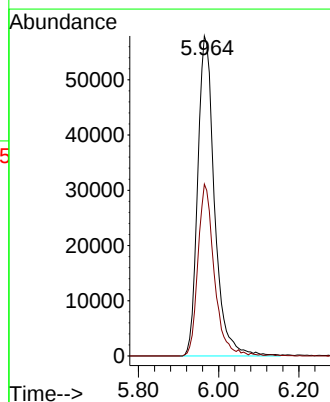
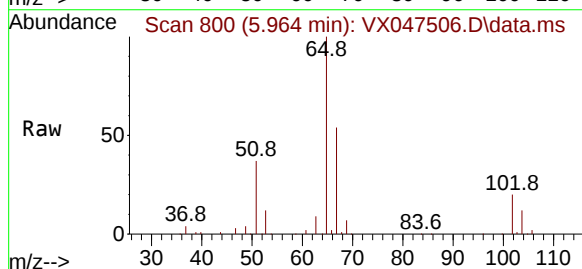
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

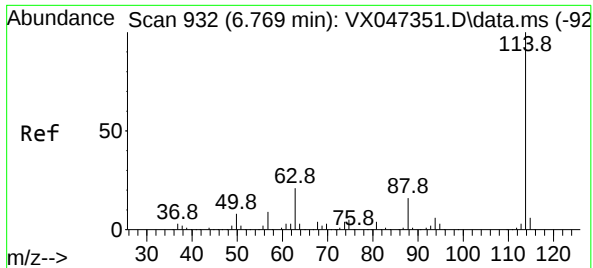
Tgt Ion:168 Resp: 213181
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 56.540 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047506.D
Acq: 22 Aug 2025 18:09

Tgt Ion: 65 Resp: 168690
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

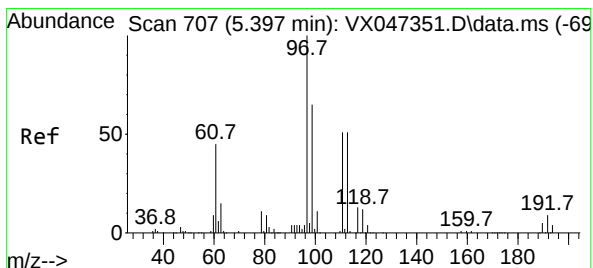
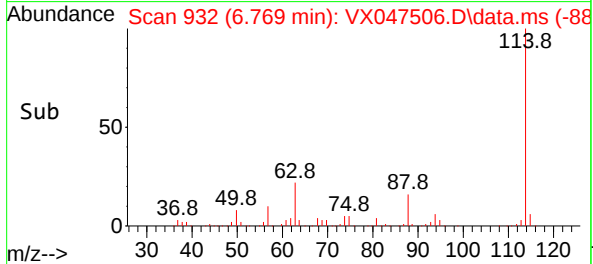
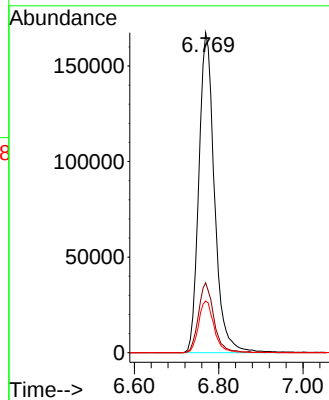
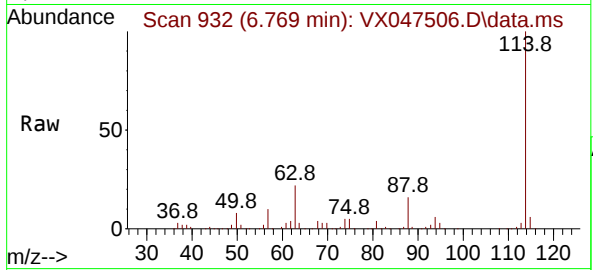




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047506.D
Acq: 22 Aug 2025 18:09

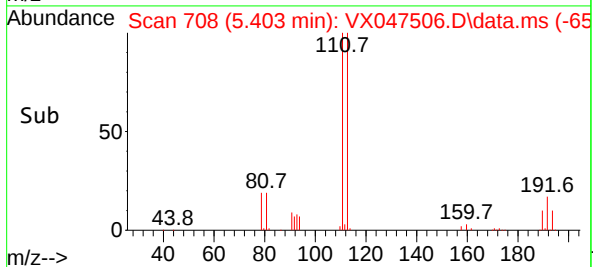
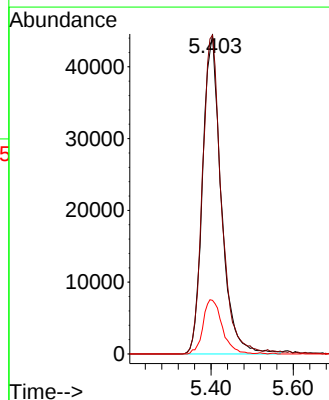
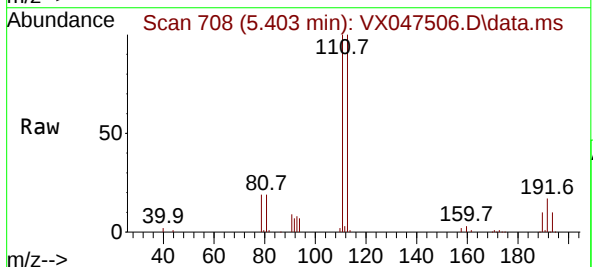
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

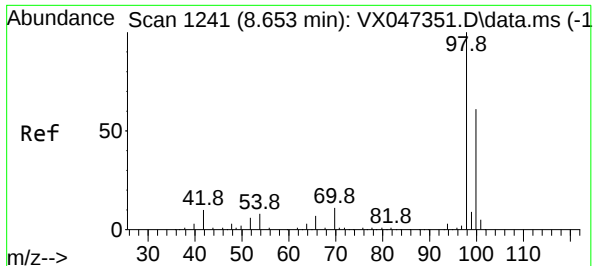
Tgt Ion:114 Resp: 431357
Ion Ratio Lower Upper
114 100
63 25.1 0.0 42.4
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.797 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047506.D
Acq: 22 Aug 2025 18:09

Tgt Ion:113 Resp: 139409
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.2
192 17.5 14.1 21.1





#50

Toluene-d8

Concen: 48.122 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047506.D

Acq: 22 Aug 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

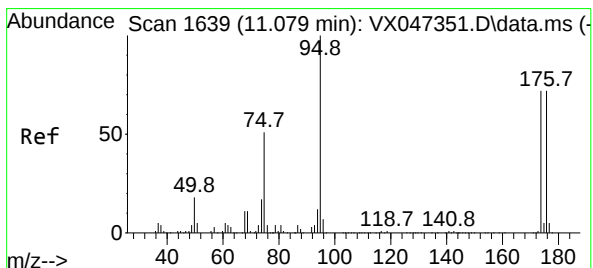
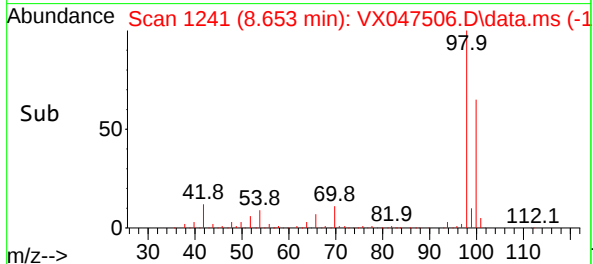
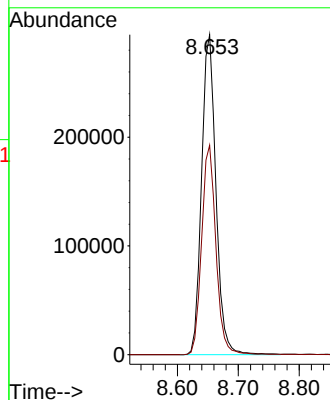
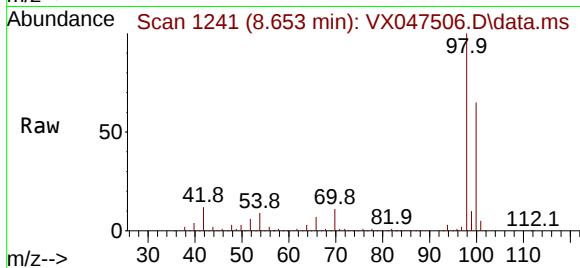
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 481525

Ion Ratio Lower Upper

98 100

100 65.3 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 54.622 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047506.D

Acq: 22 Aug 2025 18:09

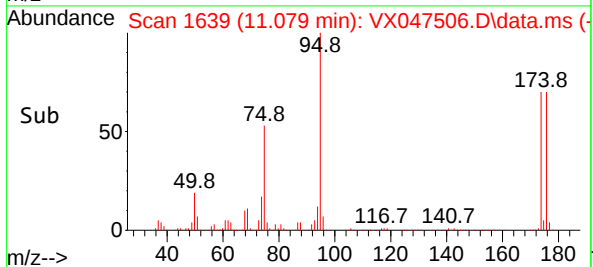
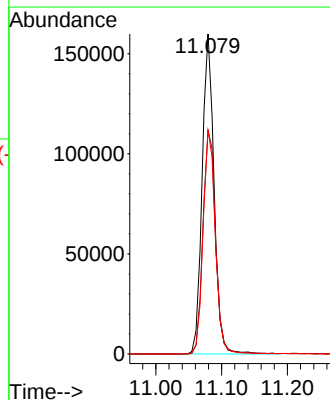
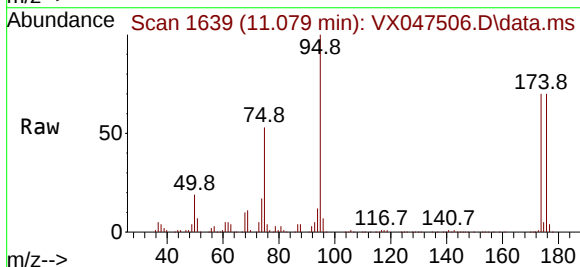
Tgt Ion: 95 Resp: 201692

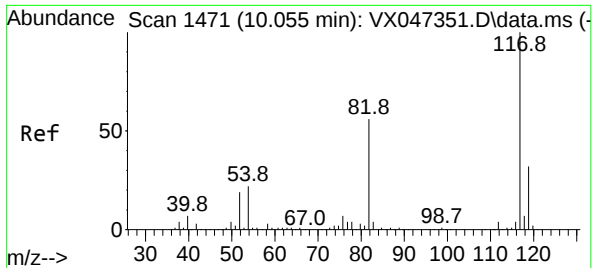
Ion Ratio Lower Upper

95 100

174 73.9 0.0 148.0

176 71.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047506.D

Acq: 22 Aug 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

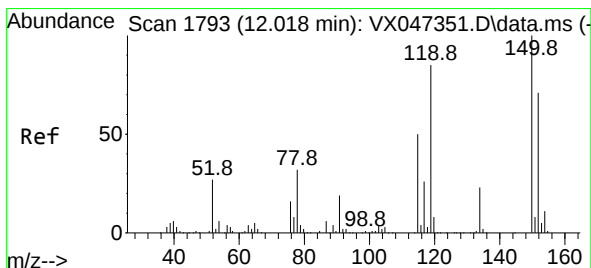
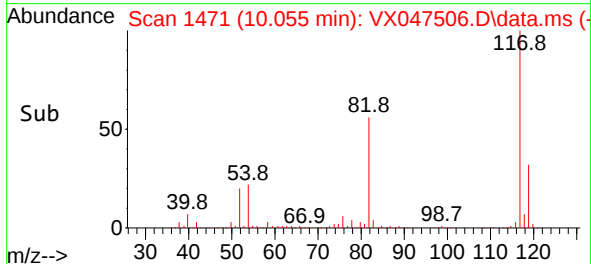
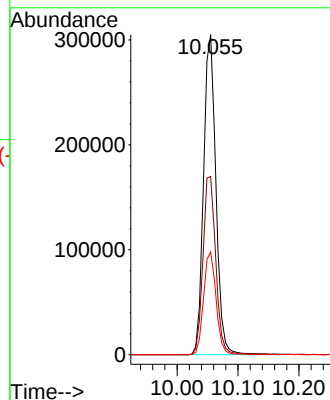
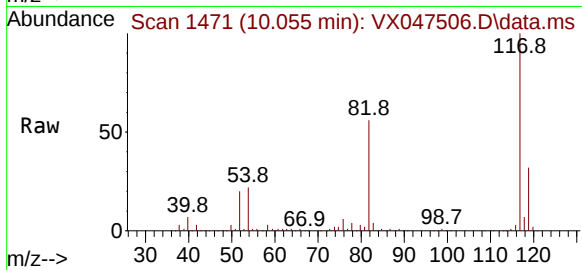
Tgt Ion:117 Resp: 429628

Ion Ratio Lower Upper

117 100

82 55.7 45.0 67.4

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047506.D

Acq: 22 Aug 2025 18:09

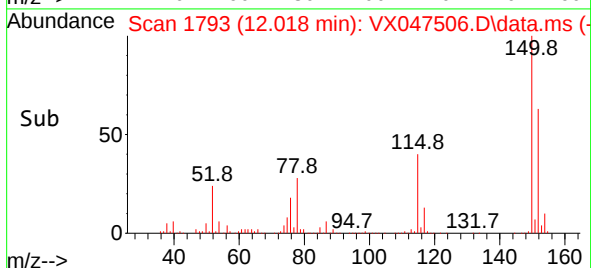
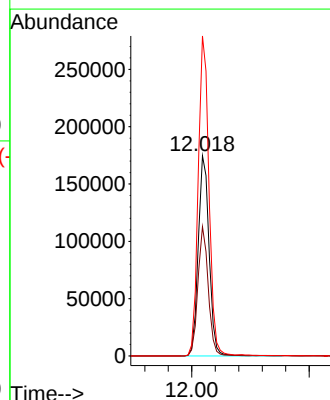
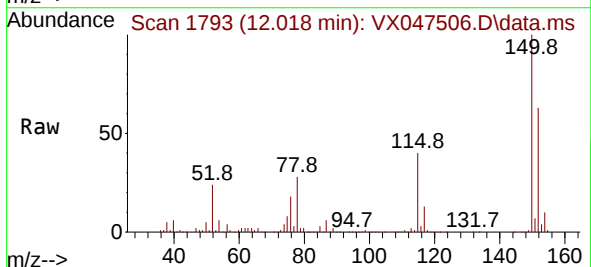
Tgt Ion:152 Resp: 224982

Ion Ratio Lower Upper

152 100

115 61.6 44.6 133.8

150 157.3 0.0 349.8





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.: Q2939
 Instrument ID: MSVOA_X Calibration Date(s): 08/15/2025 08/15/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:40 12:30
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF005 = VX047349.D		RRF020 = VX047350.D		RRF050 = VX047351.D			
		RRF100 = VX047352.D		RRF150 = VX047353.D		RRF001 = VX047356.D			
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	RRF	% RSD	
Dichlorodifluoromethane	0.558	0.638	0.731	0.671	0.680	0.546	0.637	11.4	
Chloromethane	0.539	0.568	0.624	0.567	0.594	0.549	0.573	5.4	
Vinyl Chloride	0.651	0.751	0.800	0.729	0.757	0.630	0.720	9.2	
Ethyl Acetate	0.491	0.568	0.590	0.528	0.523	0.492	0.532	7.6	
Bromomethane	0.251	0.296	0.336	0.309	0.261		0.291	11.9	
Chloroethane	0.392	0.440	0.463	0.410	0.422	0.515	0.440	10	
Trichlorofluoromethane	1.012	1.121	1.188	1.060	1.069	0.938	1.065	8.1	
1,1,2-Trichlorotrifluoroethane	0.589	0.664	0.697	0.624	0.637	0.494	0.618	11.4	
Tert butyl alcohol	0.052	0.059	0.068	0.062	0.063		0.061	9.8	
1,1-Dichloroethene	0.575	0.664	0.697	0.635	0.651	0.555	0.630	8.6	
Acrolein	0.130	0.122	0.132	0.127	0.131		0.129	3.2	
Acrylonitrile	0.260	0.314	0.340	0.299	0.303	0.248	0.294	11.6	
Acetone	0.259	0.310	0.280	0.240	0.240	0.249	0.263	10.5	
Carbon Disulfide	1.747	1.916	1.993	1.819	1.854	2.069	1.900	6.2	
Methyl tert-butyl Ether	1.768	2.019	2.175	1.962	2.014	1.554	1.915	11.5	
Methyl Acetate	0.620	0.661	0.769	0.689	0.728	0.621	0.682	8.7	
Methylene Chloride	0.645	0.732	0.757	0.669	0.684	0.691	0.697	5.9	
trans-1,2-Dichloroethene	0.638	0.705	0.725	0.655	0.664	0.621	0.668	6	
Vinyl Acetate	1.596	1.919	2.040	1.821	1.841	1.412	1.772	12.9	
1,1-Dichloroethane	1.180	1.294	1.356	1.210	1.238	1.052	1.222	8.5	
Cyclohexane	1.024	1.202	1.210	1.082	1.113		1.126	7	
2-Butanone	0.328	0.378	0.389	0.342	0.343	0.287	0.344	10.6	
Carbon Tetrachloride	0.536	0.596	0.607	0.549	0.554	0.515	0.560	6.3	
2,2-Dichloropropane	0.864	0.976	1.017	0.940	0.960	0.776	0.922	9.5	
cis-1,2-Dichloroethene	0.758	0.826	0.846	0.769	0.779	0.692	0.778	7	
Bromochloromethane	0.543	0.402	0.540	0.560	0.525	0.481	0.508	11.6	
Chloroform	1.236	1.328	1.368	1.214	1.243	1.091	1.247	7.8	
1,1,1-Trichloroethane	1.043	1.151	1.195	1.081	1.106	0.863	1.073	10.8	
Methylcyclohexane	0.589	0.673	0.695	0.640	0.642	0.595	0.639	6.5	
1,1-Dichloropropene	0.475	0.551	0.562	0.509	0.502	0.474	0.512	7.2	

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



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.: Q2939
 Instrument ID: MSVOA_X Calibration Date(s): 08/15/2025 08/15/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:40 12:30
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:	RRF005 = VX047349.D		RRF020 = VX047350.D		RRF050 = VX047351.D			
	RRF100 = VX047352.D		RRF150 = VX047353.D		RRF001 = VX047356.D			
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	RRF	% RSD
Benzene	1.502	1.665	1.701	1.516	1.504	1.312	1.533	9.1
1,2-Dichloroethane	0.521	0.594	0.600	0.532	0.528	0.484	0.543	8.3
Trichloroethene	0.383	0.423	0.432	0.390	0.391	0.336	0.393	8.6
1,2-Dichloropropane	0.349	0.415	0.421	0.381	0.382	0.357	0.384	7.6
Dibromomethane	0.272	0.302	0.302	0.273	0.276	0.248	0.279	7.3
Bromodichloromethane	0.548	0.621	0.635	0.578	0.573	0.513	0.578	7.8
4-Methyl-2-Pentanone	0.408	0.479	0.509	0.451	0.444	0.346	0.440	13
Toluene	0.920	1.043	1.057	0.936	0.927	0.802	0.947	9.9
t-1,3-Dichloropropene	0.444	0.537	0.584	0.541	0.550	0.371	0.505	15.9
cis-1,3-Dichloropropene	0.531	0.608	0.642	0.592	0.602	0.451	0.571	12
1,1,2-Trichloroethane	0.358	0.393	0.396	0.352	0.347	0.313	0.360	8.6
1,3-Dichloropropane	0.591	0.672	0.670	0.600	0.592	0.553	0.613	7.8
2-Chloroethyl Vinyl ether	0.191	0.184	0.274	0.256	0.259	0.103	0.211	30.8
2-Hexanone	0.284	0.338	0.347	0.310	0.306	0.239	0.304	12.9
Dibromochloromethane	0.412	0.461	0.464	0.426	0.420	0.382	0.428	7.3
1,2-Dibromoethane	0.358	0.397	0.409	0.365	0.361	0.336	0.371	7.2
Tetrachloroethene	0.351	0.384	0.398	0.360	0.360	0.316	0.362	7.8
Chlorobenzene	1.163	1.268	1.286	1.163	1.175	1.073	1.188	6.6
1,1,1,2-Tetrachloroethane	0.389	0.423	0.441	0.403	0.409	0.345	0.402	8.3
Hexachloroethane	0.505	0.584	0.653	0.618	0.657	0.529	0.591	10.7
Ethyl Benzene	1.941	2.216	2.277	2.062	2.056	1.718	2.045	9.8
m/p-Xylenes	0.722	0.831	0.858	0.765	0.759	0.642	0.763	10.2
o-Xylene	0.679	0.793	0.813	0.735	0.732	0.651	0.734	8.6
Styrene	1.186	1.397	1.411	1.271	1.266	0.909	1.240	14.8
Bromoform	0.294	0.322	0.335	0.306	0.313	0.241	0.302	10.9
Isopropylbenzene	3.547	4.192	4.399	4.048	4.080	3.211	3.913	11.4
1,1,2,2-Tetrachloroethane	1.077	1.208	1.269	1.142	1.152	1.044	1.149	7.2
1,2,3-Trichloropropane	0.888	0.941	1.014	0.919	0.921	0.818	0.917	7
Bromobenzene	0.909	1.017	1.053	0.978	0.977	0.797	0.955	9.5
n-propylbenzene	4.263	5.031	5.179	4.817	4.844	3.905	4.673	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.



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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02
 Lab Code: ACE SDG No.: Q2939
 Instrument ID: MSVOA_X Calibration Date(s): 08/15/2025 08/15/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:40 12:30
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF005 = VX047349.D		RRF020 = VX047350.D		RRF050 = VX047351.D			
		RRF100 = VX047352.D		RRF150 = VX047353.D		RRF001 = VX047356.D			
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	RRF	% RSD	
2-Chlorotoluene	2.612	3.039	3.096	2.828	2.830	2.545	2.825	7.8	
1,3,5-Trimethylbenzene	2.909	3.463	3.588	3.311	3.329	2.716	3.219	10.4	
4-Chlorotoluene	3.128	3.542	3.630	3.299	3.338	3.043	3.330	6.8	
tert-Butylbenzene	2.867	3.451	3.619	3.334	3.342	2.658	3.212	11.5	
1,2,4-Trimethylbenzene	2.990	3.521	3.645	3.318	3.326	2.516	3.219	12.7	
sec-Butylbenzene	3.630	4.323	4.417	4.101	4.142	3.273	3.981	11.1	
p-Isopropyltoluene	3.071	3.569	3.726	3.416	3.469	2.961	3.369	8.8	
1,3-Dichlorobenzene	1.719	1.907	1.983	1.811	1.823	1.710	1.825	5.8	
1,4-Dichlorobenzene	1.788	1.952	1.986	1.788	1.814	1.936	1.877	4.8	
n-Butylbenzene	2.796	3.309	3.444	3.208	3.227	2.816	3.133	8.5	
1,2-Dichlorobenzene	1.617	1.851	1.862	1.705	1.729	1.631	1.733	6.1	
1,2-Dibromo-3-Chloropropane	0.182	0.225	0.247	0.238	0.249	0.191	0.222	13	
1,2,4-Trichlorobenzene	1.030	1.168	1.234	1.191	1.204	1.144	1.161	6.2	
Hexachlorobutadiene	0.367	0.387	0.404	0.376	0.383	0.562	0.413	17.9	
Naphthalene	2.705	3.401	3.779	3.639	3.717	2.674	3.319	15.2	
1,2,3-Trichlorobenzene	0.919	1.109	1.174	1.132	1.160	1.075	1.095	8.5	
1,2-Dichloroethane-d4	0.709	0.581	0.700	0.747	0.762		0.700	10.2	
Dibromofluoromethane	0.310	0.278	0.331	0.354	0.349		0.325	9.6	
Toluene-d8	1.157	0.994	1.171	1.246	1.232		1.160	8.7	
4-Bromofluorobenzene	0.441	0.371	0.428	0.452	0.448		0.428	7.8	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X081525W.M
 Title : SW846 8260
 Last Update : Mon Aug 18 04:18:28 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX047356.D 5 =VX047349.D 20 =VX047350.D 50 =VX047351.D 100 =VX047352.D 150 =VX047353.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.546	0.558	0.638	0.731	0.671	0.680	0.637	11.38
3) P	Chloromethane	0.549	0.539	0.568	0.624	0.567	0.594	0.573	5.41
4) C	Vinyl Chloride	0.630	0.651	0.751	0.800	0.729	0.757	0.720	9.16#
5) T	Bromomethane	0.251	0.296	0.336	0.309	0.261	0.291	0.291	11.94
6) T	Chloroethane	0.515	0.392	0.440	0.463	0.410	0.422	0.440	10.01
7) T	Trichlorofluor...	0.938	1.012	1.121	1.188	1.060	1.069	1.065	8.10
8) T	Diethyl Ether	0.340	0.351	0.387	0.415	0.370	0.385	0.375	7.21
9) T	1,1,2-Trichlor...	0.494	0.589	0.664	0.697	0.624	0.637	0.618	11.41
10) T	Methyl Iodide	0.820	0.912	1.163	1.181	1.215	1.058	1.058	16.96
11) T	Tert butyl alc...	0.052	0.059	0.068	0.062	0.063	0.061	0.061	9.76
12) CM	1,1-Dichloroet...	0.555	0.575	0.664	0.697	0.635	0.651	0.630	8.61#
13) T	Acrolein	0.130	0.122	0.132	0.127	0.131	0.129	0.129	3.22
14) T	Allyl chloride	0.951	1.023	1.143	1.211	1.109	1.124	1.093	8.47
15) T	Acrylonitrile	0.248	0.260	0.314	0.340	0.299	0.303	0.294	11.64
16) T	Acetone	0.249	0.259	0.310	0.280	0.240	0.240	0.263	10.48
17) T	Carbon Disulfide	2.069	1.747	1.916	1.993	1.819	1.854	1.900	6.21
18) T	Methyl Acetate	0.621	0.620	0.661	0.769	0.689	0.728	0.682	8.75
19) T	Methyl tert-bu...	1.554	1.768	2.019	2.175	1.962	2.014	1.915	11.49
20) T	Methylene Chlo...	0.691	0.645	0.732	0.757	0.669	0.684	0.697	5.94
21) T	trans-1,2-Dich...	0.621	0.638	0.705	0.725	0.655	0.664	0.668	5.98
22) T	Diisopropyl ether	1.735	2.035	2.372	2.460	2.180	2.186	2.161	11.92
23) T	Vinyl Acetate	1.412	1.596	1.919	2.040	1.821	1.841	1.772	12.91
24) P	1,1-Dichloroet...	1.052	1.180	1.294	1.356	1.210	1.238	1.222	8.53
25) T	2-Butanone	0.287	0.328	0.378	0.389	0.342	0.343	0.344	10.56
26) T	2,2-Dichloropr...	0.776	0.864	0.976	1.017	0.940	0.960	0.922	9.49
27) T	cis-1,2-Dichlo...	0.692	0.758	0.826	0.846	0.769	0.779	0.778	6.99
28) T	Bromochloromet...	0.481	0.543	0.402	0.540	0.560	0.525	0.508	11.55
29) T	Tetrahydrofuran	0.219	0.206	0.227	0.246	0.219	0.219	0.223	5.97
30) C	Chloroform	1.091	1.236	1.328	1.368	1.214	1.243	1.247	7.75#
31) T	Cyclohexane	1.024	1.202	1.210	1.082	1.112	1.126	1.126	7.05
32) T	1,1,1-Trichlor...	0.863	1.043	1.151	1.195	1.081	1.106	1.073	10.80
33) S	1,2-Dichloroet...	0.709	0.581	0.700	0.747	0.762	0.700	0.700	10.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.310	0.278	0.331	0.354	0.349	0.325	0.325	9.56
36) T	1,1-Dichloropr...	0.474	0.475	0.551	0.562	0.509	0.502	0.512	7.25
37) T	Ethyl Acetate	0.492	0.491	0.568	0.590	0.528	0.523	0.532	7.57
38) T	Carbon Tetrach...	0.515	0.536	0.596	0.607	0.549	0.554	0.560	6.31
39) T	Methylcyclohexane	0.595	0.589	0.673	0.695	0.640	0.642	0.639	6.55
40) TM	Benzene	1.312	1.502	1.665	1.701	1.516	1.504	1.533	9.07
41) T	Methacrylonitrile	0.175	0.192	0.244	0.258	0.245	0.231	0.224	14.75
42) TM	1,2-Dichloroet...	0.484	0.521	0.594	0.600	0.532	0.528	0.543	8.33
43) T	Isopropyl Acetate	0.645	0.660	0.811	0.868	0.798	0.802	0.764	11.82
44) TM	Trichloroethene	0.336	0.383	0.423	0.432	0.390	0.391	0.393	8.64
45) C	1,2-Dichloropr...	0.357	0.349	0.415	0.421	0.381	0.382	0.384	7.60#
46) T	Dibromomethane	0.248	0.272	0.302	0.302	0.273	0.276	0.279	7.34
47) T	Bromodichlorom...	0.513	0.548	0.621	0.635	0.578	0.573	0.578	7.81
48) T	Methyl methacr...	0.352	0.335	0.419	0.445	0.412	0.417	0.397	10.89
49) T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.004	0.004	0.004	14.33
50) S	Toluene-d8	1.157	0.994	1.171	1.246	1.232	1.160	1.160	8.66
51) T	4-Methyl-2-Pen...	0.346	0.408	0.479	0.509	0.451	0.444	0.440	12.98
52) CM	Toluene	0.802	0.920	1.043	1.057	0.936	0.927	0.947	9.87#
53) T	t-1,3-Dichloro...	0.371	0.444	0.537	0.584	0.541	0.550	0.505	15.92
54) T	cis-1,3-Dichlo...	0.451	0.531	0.608	0.642	0.592	0.602	0.571	12.05
55) T	1,1,2-Trichlor...	0.313	0.358	0.393	0.396	0.352	0.347	0.360	8.61
56) T	Ethyl methacry...	0.405	0.466	0.562	0.617	0.563	0.569	0.530	14.84

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X081525W.M

57)	T	1,3-Dichloropr...	0.553	0.591	0.672	0.670	0.600	0.592	0.613	7.78
58)	T	2-Chloroethyl ...	0.103	0.191	0.184	0.274	0.256	0.259	0.211	30.82
59)	T	2-Hexanone	0.239	0.284	0.338	0.347	0.310	0.306	0.304	12.89
60)	T	Dibromochlorom...	0.382	0.412	0.461	0.464	0.426	0.420	0.428	7.31
61)	T	1,2-Dibromoethane	0.336	0.358	0.397	0.409	0.365	0.361	0.371	7.24
62)	S	4-Bromofluorob...	0.441	0.371	0.428	0.452	0.448	0.428		7.78
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.316	0.351	0.384	0.398	0.360	0.360	0.362	7.79
65)	PM	Chlorobenzene	1.073	1.163	1.268	1.286	1.163	1.175	1.188	6.58
66)	T	1,1,1,2-Tetrac...	0.345	0.389	0.423	0.441	0.403	0.409	0.402	8.27
67)	C	Ethyl Benzene	1.718	1.941	2.216	2.277	2.062	2.056	2.045	9.81#
68)	T	m/p-Xylenes	0.642	0.722	0.831	0.858	0.765	0.759	0.763	10.18
69)	T	o-Xylene	0.651	0.679	0.793	0.813	0.735	0.732	0.734	8.55
70)	T	Styrene	0.909	1.186	1.397	1.411	1.271	1.266	1.240	14.80
71)	P	Bromoform	0.241	0.294	0.322	0.335	0.306	0.313	0.302	10.89
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.211	3.547	4.192	4.399	4.048	4.080	3.913	11.36
74)	T	N-amyl acetate	1.047	1.230	1.539	1.729	1.658	1.712	1.486	19.05
75)	P	1,1,2,2-Tetrac...	1.044	1.077	1.208	1.269	1.142	1.152	1.149	7.19
76)	T	1,2,3-Trichlor...	0.818	0.888	0.941	1.014	0.919	0.921	0.917	6.98
77)	T	Bromobenzene	0.797	0.909	1.017	1.053	0.978	0.977	0.955	9.54
78)	T	n-propylbenzene	3.905	4.263	5.031	5.179	4.817	4.844	4.673	10.45
79)	T	2-Chlorotoluene	2.545	2.612	3.039	3.096	2.828	2.830	2.825	7.80
80)	T	1,3,5-Trimethy...	2.716	2.909	3.463	3.588	3.311	3.329	3.219	10.44
81)	T	trans-1,4-Dich...	0.089	0.141	0.199	0.215	0.246	0.178		35.26
82)	T	4-Chlorotoluene	3.043	3.128	3.542	3.630	3.299	3.338	3.330	6.83
83)	T	tert-Butylbenzene	2.658	2.867	3.451	3.619	3.334	3.342	3.212	11.48
84)	T	1,2,4-Trimethy...	2.516	2.990	3.521	3.645	3.318	3.326	3.219	12.74
85)	T	sec-Butylbenzene	3.273	3.630	4.323	4.417	4.101	4.142	3.981	11.07
86)	T	p-Isopropyltol...	2.961	3.071	3.569	3.726	3.416	3.469	3.369	8.75
87)	T	1,3-Dichlorobe...	1.710	1.719	1.907	1.983	1.811	1.823	1.825	5.82
88)	T	1,4-Dichlorobe...	1.936	1.788	1.952	1.986	1.788	1.814	1.877	4.81
89)	T	n-Butylbenzene	2.816	2.796	3.309	3.444	3.208	3.227	3.133	8.52
90)	T	Hexachloroethane	0.529	0.505	0.584	0.653	0.618	0.657	0.591	10.74
91)	T	1,2-Dichlorobe...	1.631	1.617	1.851	1.862	1.705	1.729	1.733	6.06
92)	T	1,2-Dibromo-3-...	0.191	0.182	0.225	0.247	0.238	0.249	0.222	13.01
93)	T	1,2,4-Trichlor...	1.144	1.030	1.168	1.234	1.191	1.204	1.161	6.16
94)	T	Hexachlorobuta...	0.562	0.367	0.387	0.404	0.376	0.383	0.413	17.91
95)	T	Naphthalene	2.674	2.705	3.401	3.779	3.639	3.717	3.319	15.20
96)	T	1,2,3-Trichlor...	1.075	0.919	1.109	1.174	1.132	1.160	1.095	8.48

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047349.D
 Acq On : 15 Aug 2025 09:40
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:52:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	281608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	479446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	224159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	19963	5.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.140%#		
35) Dibromofluoromethane	5.397	113	14862	4.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.560%#		
50) Toluene-d8	8.653	98	55469	4.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	11.079	95	21138	5.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	15718	4.378	ug/l	97
3) Chloromethane	1.313	50	15170	4.697	ug/l	92
4) Vinyl Chloride	1.392	62	18322	4.520	ug/l	94
5) Bromomethane	1.624	94	7076	4.322	ug/l	94
6) Chloroethane	1.709	64	11042	4.452	ug/l	96
7) Trichlorofluoromethane	1.904	101	28485	4.751	ug/l	93
8) Diethyl Ether	2.148	74	9891	4.685	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.343	101	16582	4.768	ug/l	99
10) Methyl Iodide	2.471	142	23080	3.872	ug/l	97
11) Tert butyl alcohol	2.965	59	7340	21.408	ug/l #	89
12) 1,1-Dichloroethene	2.337	96	16204	4.570	ug/l	92
13) Acrolein	2.252	56	18274	25.248	ug/l	97
14) Allyl chloride	2.678	41	28797	4.676	ug/l	100
15) Acrylonitrile	3.087	53	36613	22.099	ug/l	97
16) Acetone	2.392	43	36440	24.598	ug/l	94
17) Carbon Disulfide	2.532	76	49197	4.598	ug/l	99
18) Methyl Acetate	2.721	43	17456	4.547	ug/l	93
19) Methyl tert-butyl Ether	3.130	73	49799	4.617	ug/l	100
20) Methylene Chloride	2.806	84	18175	4.633	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	17974	4.776	ug/l	88
22) Diisopropyl ether	3.776	45	57311	4.708	ug/l	96
23) Vinyl Acetate	3.739	43	224747	22.525	ug/l	100
24) 1,1-Dichloroethane	3.623	63	33241	4.831	ug/l	99
25) 2-Butanone	4.581	43	46235	23.830	ug/l	97
26) 2,2-Dichloropropane	4.489	77	24325	4.684	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	21338	4.868	ug/l	96
28) Bromochloromethane	4.916	49	15283	5.338	ug/l	98
29) Tetrahydrofuran	5.038	42	28938m	23.076	ug/l	
30) Chloroform	5.105	83	34798	4.955	ug/l	97
31) Cyclohexane	5.483	56	28847	4.548	ug/l	91
32) 1,1,1-Trichloroethane	5.404	97	29367	4.859	ug/l	99
36) 1,1-Dichloropropene	5.702	75	22796	4.641	ug/l	96
37) Ethyl Acetate	4.739	43	23521	4.613	ug/l	99
38) Carbon Tetrachloride	5.690	117	25718	4.791	ug/l	96
39) Methylcyclohexane	7.385	83	28242	4.609	ug/l	98
40) Benzene	6.050	78	72021	4.899	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047349.D
 Acq On : 15 Aug 2025 09:40
 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 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:52:16 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M

Quant Title : SW846 8260

QLast Update : Mon Aug 18 02:51:35 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	9185	4.271	ug/l #	91
42) 1,2-Dichloroethane	6.099	62	24979	4.796	ug/l	99
43) Isopropyl Acetate	6.361	43	31621	4.316	ug/l	97
44) Trichloroethene	7.135	130	18386	4.884	ug/l	99
45) 1,2-Dichloropropane	7.434	63	16729	4.542	ug/l	95
46) Dibromomethane	7.592	93	13062	4.885	ug/l	97
47) Bromodichloromethane	7.824	83	26280	4.741	ug/l	95
48) Methyl methacrylate	7.702	41	16053	4.222	ug/l	99
49) 1,4-Dioxane	7.696	88	3959m	109.635	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	97891	23.221	ug/l	97
52) Toluene	8.720	92	44099	4.854	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	21300	4.403	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	25475	4.652	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	17150	4.972	ug/l #	83
56) Ethyl methacrylate	9.122	69	22362	4.397	ug/l	97
57) 1,3-Dichloropropane	9.311	76	28336	4.821	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	45735	26.559	ug/l	98
59) 2-Hexanone	9.433	43	68164	23.375	ug/l	96
60) Dibromochloromethane	9.519	129	19760	4.820	ug/l	97
61) 1,2-Dibromoethane	9.610	107	17154	4.823	ug/l	97
64) Tetrachloroethene	9.275	164	15266	4.856	ug/l	91
65) Chlorobenzene	10.080	112	50559	4.896	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	16894	4.839	ug/l	96
67) Ethyl Benzene	10.195	91	84363	4.746	ug/l	98
68) m/p-Xylenes	10.299	106	62714	9.462	ug/l	97
69) o-Xylene	10.640	106	29488	4.623	ug/l	100
70) Styrene	10.653	104	51543	4.783	ug/l	98
71) Bromoform	10.799	173	12769	4.869	ug/l #	94
73) Isopropylbenzene	10.964	105	79512	4.533	ug/l	99
74) N-amyl acetate	10.842	43	27565	4.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	24139	4.687	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	19912m	4.843	ug/l	
77) Bromobenzene	11.195	156	20380	4.758	ug/l	96
78) n-propylbenzene	11.305	91	95550	4.561	ug/l	100
79) 2-Chlorotoluene	11.366	91	58544	4.623	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	65210	4.518	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1992	9.640	ug/l	87
82) 4-Chlorotoluene	11.451	91	70117	4.697	ug/l	98
83) tert-Butylbenzene	11.713	119	64267	4.463	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	67032	4.644	ug/l	98
85) sec-Butylbenzene	11.890	105	81375	4.559	ug/l	99
86) p-Isopropyltoluene	12.006	119	68849	4.559	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38531	4.709	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	40089	4.763	ug/l	93
89) n-Butylbenzene	12.329	91	62666	4.461	ug/l	99
90) Hexachloroethane	12.536	117	11325	4.274	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	36248	4.667	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4081	4.097	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	23080	4.432	ug/l	96
94) Hexachlorobutadiene	13.725	225	8221	4.436	ug/l	94
95) Naphthalene	13.774	128	60645	4.076	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	20611	4.199	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
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 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

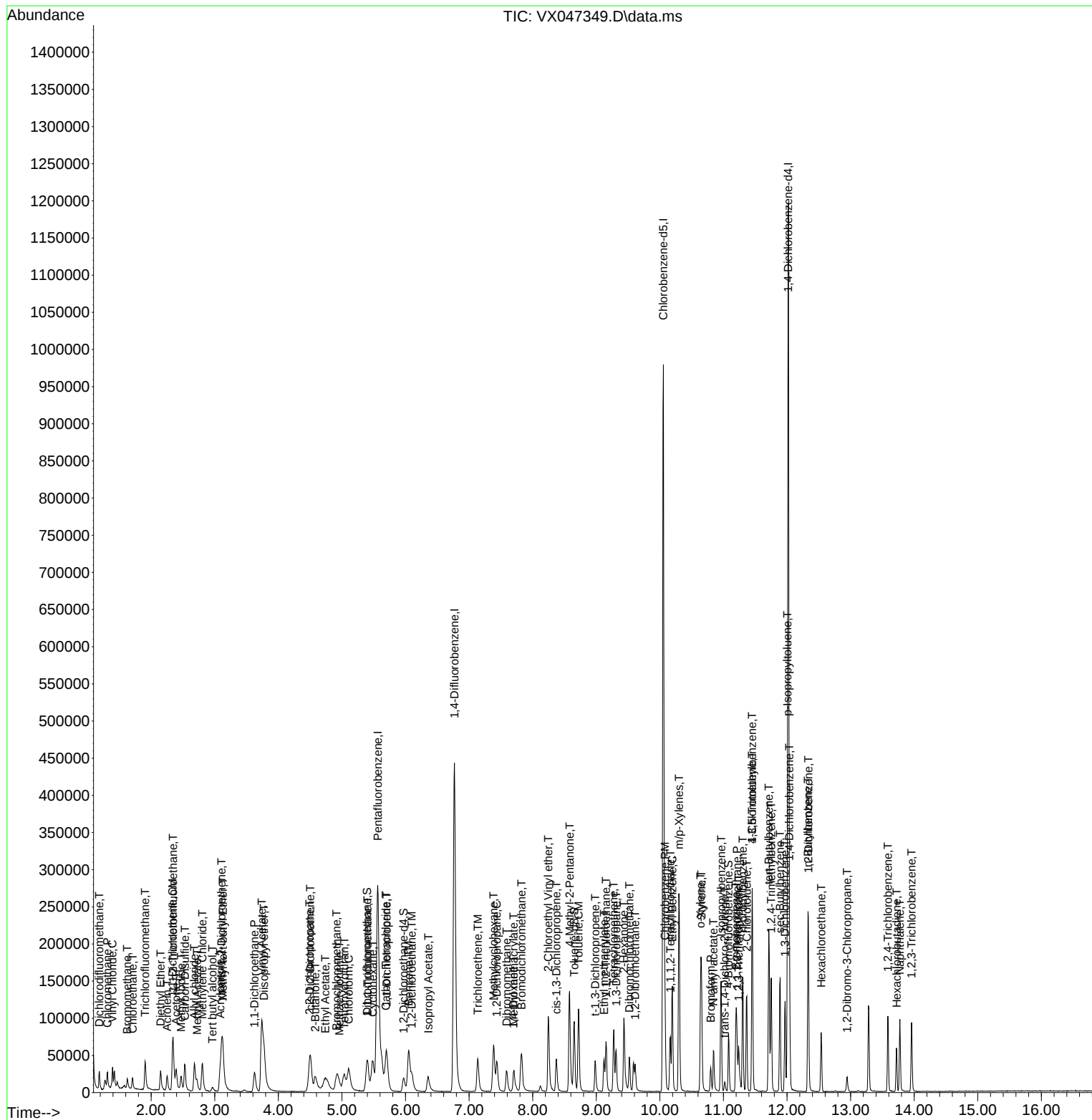
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047350.D
 Acq On : 15 Aug 2025 10:01
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 18 02:53:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	259497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60290	16.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	33.200%#		
35) Dibromofluoromethane	5.397	113	48382	17.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.300%#		
50) Toluene-d8	8.653	98	172730	17.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	34.260%#		
62) 4-Bromofluorobenzene	11.079	95	64433	17.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	66192	20.010	ug/l	96
3) Chloromethane	1.313	50	58950	19.810	ug/l	96
4) Vinyl Chloride	1.392	62	77968	20.874	ug/l	99
5) Bromomethane	1.624	94	30761	20.389	ug/l	89
6) Chloroethane	1.703	64	45658	19.979	ug/l	100
7) Trichlorofluoromethane	1.904	101	116366	21.062	ug/l	96
8) Diethyl Ether	2.148	74	40131	20.629	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	68887	21.495	ug/l	100
10) Methyl Iodide	2.471	142	94708	17.244	ug/l	99
11) Tert butyl alcohol	2.965	59	30471	96.445	ug/l	98
12) 1,1-Dichloroethene	2.337	96	68973	21.110	ug/l	98
13) Acrolein	2.252	56	63232	94.809	ug/l	100
14) Allyl chloride	2.678	41	118613	20.902	ug/l	99
15) Acrylonitrile	3.081	53	163095	106.830	ug/l	99
16) Acetone	2.392	43	161019	117.954	ug/l	95
17) Carbon Disulfide	2.532	76	198834	20.167	ug/l	98
18) Methyl Acetate	2.715	43	68662	19.410	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	209527	21.080	ug/l	98
20) Methylene Chloride	2.806	84	76029	21.033	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	73205	21.110	ug/l	99
22) Diisopropyl ether	3.776	45	246210	21.949	ug/l	98
23) Vinyl Acetate	3.733	43	996178	108.348	ug/l	97
24) 1,1-Dichloroethane	3.629	63	134271	21.177	ug/l	99
25) 2-Butanone	4.568	43	195973	109.614	ug/l	96
26) 2,2-Dichloropropane	4.489	77	101341	21.177	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	85695	21.217	ug/l	98
28) Bromochloromethane	4.910	49	41717	15.812	ug/l	100
29) Tetrahydrofuran	5.032	42	117869	102.002	ug/l	97
30) Chloroform	5.105	83	137885	21.309	ug/l	96
31) Cyclohexane	5.483	56	124775	21.348	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	119441	21.445	ug/l	98
36) 1,1-Dichloropropene	5.702	75	95703	21.494	ug/l	99
37) Ethyl Acetate	4.727	43	98709	21.355	ug/l	96
38) Carbon Tetrachloride	5.690	117	103616	21.296	ug/l	96
39) Methylcyclohexane	7.385	83	116913	21.051	ug/l	95
40) Benzene	6.050	78	289406	21.716	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047350.D
 Acq On : 15 Aug 2025 10:01
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	42490	21.799	ug/l	96
42) 1,2-Dichloroethane	6.098	62	103227	21.867	ug/l	98
43) Isopropyl Acetate	6.348	43	141062	21.243	ug/l	99
44) Trichloroethene	7.135	130	73526	21.546	ug/l	94
45) 1,2-Dichloropropane	7.434	63	72118	21.601	ug/l	100
46) Dibromomethane	7.586	93	52472	21.648	ug/l	99
47) Bromodichloromethane	7.824	83	107990	21.491	ug/l	98
48) Methyl methacrylate	7.696	41	72765	21.111	ug/l	100
49) 1,4-Dioxane	7.684	88	13554m	414.079	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	416671	109.039	ug/l	100
52) Toluene	8.720	92	181368	22.024	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	93302	21.275	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105701	21.294	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	68282	21.838	ug/l	98
56) Ethyl methacrylate	9.116	69	97675	21.188	ug/l	99
57) 1,3-Dichloropropane	9.311	76	116737	21.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	159793	78.521	ug/l	99
59) 2-Hexanone	9.433	43	293885	111.182	ug/l	100
60) Dibromochloromethane	9.519	129	80119	21.561	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68961	21.388	ug/l	99
64) Tetrachloroethene	9.275	164	60329	21.257	ug/l	93
65) Chlorobenzene	10.079	112	198998	21.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	66366	21.056	ug/l	99
67) Ethyl Benzene	10.195	91	347834	21.675	ug/l	99
68) m/p-Xylenes	10.299	106	260945	43.608	ug/l	98
69) o-Xylene	10.640	106	124422	21.606	ug/l	99
70) Styrene	10.653	104	219310	22.540	ug/l	99
71) Bromoform	10.799	173	50519	21.335	ug/l #	99
73) Isopropylbenzene	10.963	105	329846	21.425	ug/l	99
74) N-amyl acetate	10.842	43	121116	20.717	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	95098	21.039	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	74083m	20.531	ug/l	
77) Bromobenzene	11.195	156	80066	21.298	ug/l	99
78) n-propylbenzene	11.305	91	395888	21.531	ug/l	99
79) 2-Chlorotoluene	11.360	91	239133	21.515	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	272501	21.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11057	19.090	ug/l	90
82) 4-Chlorotoluene	11.451	91	278705	21.272	ug/l	99
83) tert-Butylbenzene	11.713	119	271541	21.487	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	277110	21.876	ug/l	100
85) sec-Butylbenzene	11.890	105	340203	21.719	ug/l	99
86) p-Isopropyltoluene	12.006	119	280855	21.189	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150028	20.890	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	153630	20.798	ug/l	99
89) n-Butylbenzene	12.329	91	260428	21.124	ug/l	99
90) Hexachloroethane	12.536	117	45934	19.754	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	145629	21.363	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17698	20.246	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	91878	20.105	ug/l	100
94) Hexachlorobutadiene	13.719	225	30481	18.738	ug/l	98
95) Naphthalene	13.774	128	267664	20.495	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87275	20.261	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
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 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

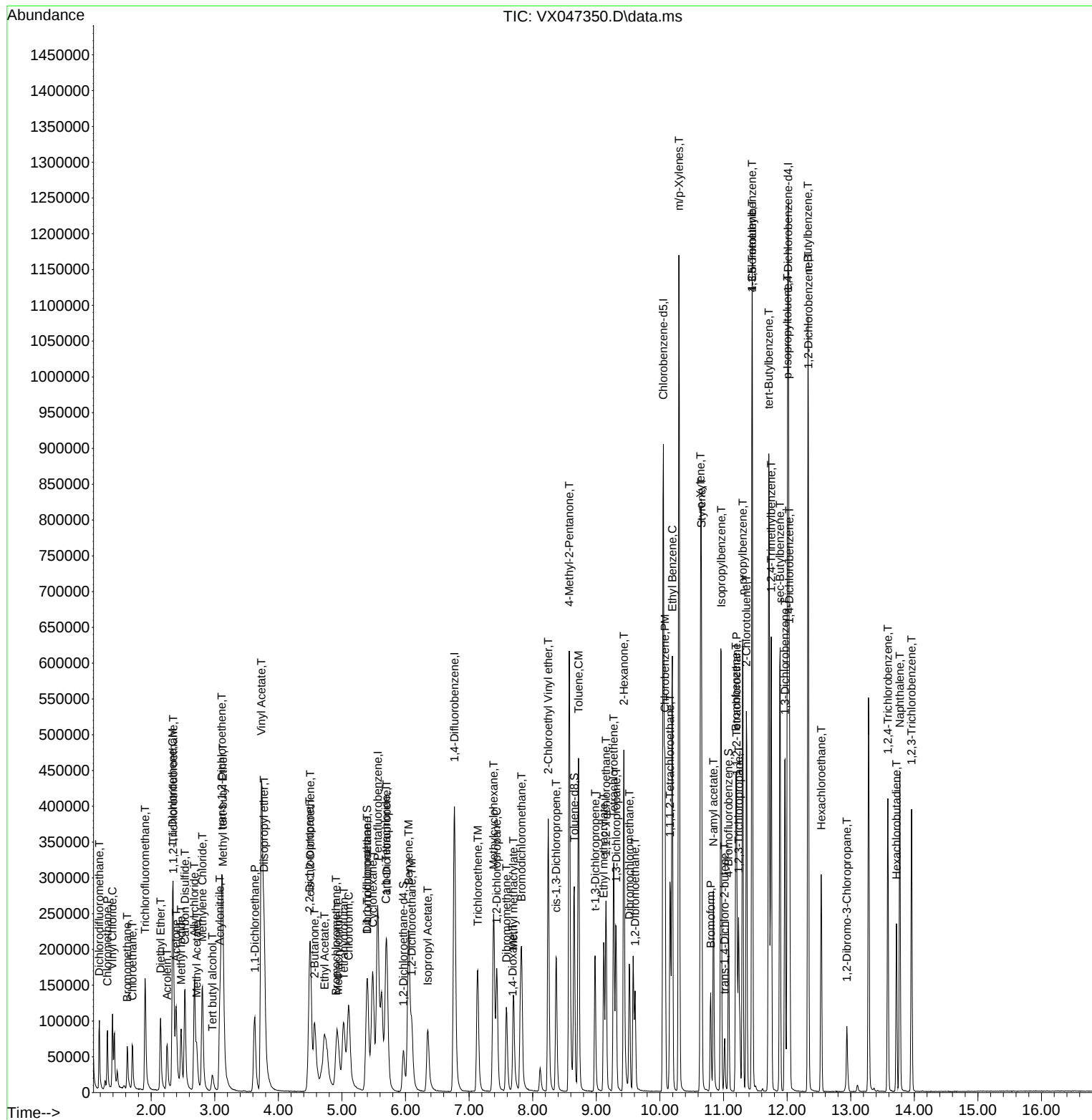
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On    : 15 Aug 2025  10:01
Operator  : JC/MD
Sample    : VSTDIC020
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 5      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047351.D
 Acq On : 15 Aug 2025 10:22
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	238847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	405572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167238	50.030	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.060%			
35) Dibromofluoromethane	5.397	113	134437	51.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.653	98	475041	50.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	173764	50.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	174629	57.354	ug/l	100
3) Chloromethane	1.313	50	148962	54.385	ug/l	100
4) Vinyl Chloride	1.392	62	191163	55.604	ug/l	100
5) Bromomethane	1.630	94	80221	57.770	ug/l	100
6) Chloroethane	1.709	64	110475	52.521	ug/l	100
7) Trichlorofluoromethane	1.904	101	283655	55.781	ug/l	100
8) Diethyl Ether	2.148	74	99184	55.393	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	166491	56.441	ug/l	100
10) Methyl Iodide	2.471	142	277741	54.943	ug/l	100
11) Tert butyl alcohol	2.959	59	81382	279.856	ug/l	100
12) 1,1-Dichloroethene	2.337	96	166359	55.319	ug/l	100
13) Acrolein	2.251	56	157735	256.954	ug/l	100
14) Allyl chloride	2.678	41	289338	55.394	ug/l	100
15) Acrylonitrile	3.081	53	405784	288.775	ug/l	100
16) Acetone	2.392	43	334538	266.252	ug/l	100
17) Carbon Disulfide	2.532	76	476020	52.455	ug/l	100
18) Methyl Acetate	2.715	43	183721	56.425	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	519477	56.782	ug/l	100
20) Methylene Chloride	2.806	84	180921	54.377	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	173226	54.272	ug/l	100
22) Diisopropyl ether	3.776	45	587571	56.909	ug/l	100
23) Vinyl Acetate	3.733	43	2436350	287.897	ug/l	100
24) 1,1-Dichloroethane	3.623	63	323982	55.516	ug/l	100
25) 2-Butanone	4.568	43	464136	282.051	ug/l	100
26) 2,2-Dichloropropane	4.495	77	242859	55.137	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	202109	54.366	ug/l	100
28) Bromochloromethane	4.910	49	129079	53.153	ug/l	100
29) Tetrahydrofuran	5.025	42	293474	275.925	ug/l	100
30) Chloroform	5.105	83	326781	54.867	ug/l	100
31) Cyclohexane	5.483	56	288914	53.705	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	285500	55.692	ug/l	100
36) 1,1-Dichloropropene	5.708	75	228086	54.893	ug/l	100
37) Ethyl Acetate	4.721	43	239310	55.477	ug/l	100
38) Carbon Tetrachloride	5.690	117	246368	54.258	ug/l	100
39) Methylcyclohexane	7.391	83	281960	54.402	ug/l	100
40) Benzene	6.050	78	689965	55.477	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047351.D
 Acq On : 15 Aug 2025 10:22
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	104680	57.547	ug/l	100
42) 1,2-Dichloroethane	6.098	62	243489	55.271	ug/l	100
43) Isopropyl Acetate	6.348	43	352090	56.817	ug/l	100
44) Trichloroethene	7.135	130	175409	55.081	ug/l	100
45) 1,2-Dichloropropane	7.433	63	170556	54.740	ug/l	100
46) Dibromomethane	7.586	93	122428	54.124	ug/l	100
47) Bromodichloromethane	7.824	83	257393	54.888	ug/l	100
48) Methyl methacrylate	7.696	41	180568	56.136	ug/l	100
49) 1,4-Dioxane	7.677	88	36298	1188.274	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1031709	289.311	ug/l	100
52) Toluene	8.720	92	428577	55.767	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	237021	57.913	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	260352	56.202	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	160439	54.984	ug/l	100
56) Ethyl methacrylate	9.116	69	250221	58.164	ug/l	100
57) 1,3-Dichloropropane	9.311	76	271755	54.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	555513	269.738	ug/l	100
59) 2-Hexanone	9.433	43	703268	285.099	ug/l	100
60) Dibromochloromethane	9.518	129	188384	54.326	ug/l	100
61) 1,2-Dibromoethane	9.610	107	165776	55.095	ug/l	100
64) Tetrachloroethene	9.275	164	144361	54.962	ug/l	100
65) Chlorobenzene	10.079	112	467009	54.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	160305	54.954	ug/l	100
67) Ethyl Benzene	10.195	91	826783	55.667	ug/l	100
68) m/p-Xylenes	10.299	106	622895	112.475	ug/l	100
69) o-Xylene	10.640	106	295290	55.407	ug/l	100
70) Styrene	10.652	104	512239	56.883	ug/l	100
71) Bromoform	10.799	173	121692	55.530	ug/l	100
73) Isopropylbenzene	10.963	105	780181	56.210	ug/l	100
74) N-amyl acetate	10.841	43	306720	58.194	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	225063	55.228	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	179785m	55.266	ug/l	
77) Bromobenzene	11.195	156	186832	55.124	ug/l	100
78) n-propylbenzene	11.299	91	918573	55.413	ug/l	100
79) 2-Chlorotoluene	11.360	91	549070	54.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	636323	55.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35295	47.608	ug/l	100
82) 4-Chlorotoluene	11.451	91	643830	54.505	ug/l	100
83) tert-Butylbenzene	11.713	119	641951	56.344	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	646548	56.614	ug/l	100
85) sec-Butylbenzene	11.890	105	783341	55.470	ug/l	100
86) p-Isopropyltoluene	12.006	119	660872	55.303	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	351718	54.320	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	352196	52.886	ug/l	100
89) n-Butylbenzene	12.329	91	610840	54.957	ug/l	100
90) Hexachloroethane	12.536	117	115780	55.228	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	330287	53.742	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43861	55.654	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	218820	53.111	ug/l	100
94) Hexachlorobutadiene	13.725	225	71744	48.921	ug/l	100
95) Naphthalene	13.774	128	670303	56.930	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	208179	53.605	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
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 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047352.D
 Acq On : 15 Aug 2025 10:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 18 02:54:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	230991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	391443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	345087	106.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 213.500%#			
35) Dibromofluoromethane	5.397	113	276832	108.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 217.940%#			
50) Toluene-d8	8.653	98	975414	107.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 214.840%#			
62) 4-Bromofluorobenzene	11.079	95	353668	105.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 211.100%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	309782	105.204	ug/l	99
3) Chloromethane	1.313	50	261885	98.864	ug/l	96
4) Vinyl Chloride	1.392	62	336909	101.331	ug/l	97
5) Bromomethane	1.624	94	142644	106.217	ug/l	96
6) Chloroethane	1.703	64	189413	93.112	ug/l	98
7) Trichlorofluoromethane	1.904	101	489572	99.548	ug/l	99
8) Diethyl Ether	2.148	74	171145	98.832	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	288420	101.101	ug/l	99
10) Methyl Iodide	2.471	142	545687	111.619	ug/l	98
11) Tert butyl alcohol	2.971	59	143673	510.865	ug/l	99
12) 1,1-Dichloroethene	2.337	96	293450	100.899	ug/l	99
13) Acrolein	2.252	56	294322	495.763	ug/l	100
14) Allyl chloride	2.678	41	512225	101.402	ug/l	99
15) Acrylonitrile	3.081	53	691797	509.058	ug/l	100
16) Acetone	2.392	43	554774	456.549	ug/l	98
17) Carbon Disulfide	2.532	76	840388	95.757	ug/l	100
18) Methyl Acetate	2.715	43	318444	101.128	ug/l	100
19) Methyl tert-butyl Ether	3.129	73	906301	102.433	ug/l	98
20) Methylene Chloride	2.806	84	309183	96.088	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	302669	98.051	ug/l	99
22) Diisopropyl ether	3.776	45	1007141	100.865	ug/l	99
23) Vinyl Acetate	3.733	43	4206762	514.008	ug/l	99
24) 1,1-Dichloroethane	3.623	63	558936	99.034	ug/l	99
25) 2-Butanone	4.568	43	789816	496.288	ug/l	98
26) 2,2-Dichloropropane	4.489	77	434139	101.916	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	355238	98.806	ug/l	99
28) Bromochloromethane	4.910	49	258648	110.131	ug/l	99
29) Tetrahydrofuran	5.019	42	505709	491.640	ug/l	98
30) Chloroform	5.105	83	560984	97.394	ug/l	100
31) Cyclohexane	5.489	56	499975	96.100	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	499294	100.709	ug/l	99
36) 1,1-Dichloropropene	5.702	75	398144	99.278	ug/l	100
37) Ethyl Acetate	4.727	43	413279	99.265	ug/l	99
38) Carbon Tetrachloride	5.690	117	430061	98.132	ug/l	99
39) Methylcyclohexane	7.385	83	500907	100.134	ug/l	97
40) Benzene	6.050	78	1186760	98.866	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047352.D
 Acq On : 15 Aug 2025 10:43
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:54:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	191678	109.177	ug/l	95
42) 1,2-Dichloroethane	6.098	62	416430	97.940	ug/l	99
43) Isopropyl Acetate	6.348	43	624423	104.400	ug/l	100
44) Trichloroethene	7.135	130	304976	99.224	ug/l	98
45) 1,2-Dichloropropane	7.434	63	298616	99.300	ug/l	97
46) Dibromomethane	7.586	93	214069	98.052	ug/l	99
47) Bromodichloromethane	7.824	83	452578	99.995	ug/l	100
48) Methyl methacrylate	7.696	41	322487	103.875	ug/l	99
49) 1,4-Dioxane	7.684	88	61142	2073.830	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1766006	513.097	ug/l	99
52) Toluene	8.720	92	733119	98.837	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	423279	107.156	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	463640	103.698	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	275607	97.863	ug/l	98
56) Ethyl methacrylate	9.116	69	440765	106.154	ug/l	100
57) 1,3-Dichloropropane	9.311	76	469804	97.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1000312	496.016	ug/l	99
59) 2-Hexanone	9.433	43	1215128	510.384	ug/l	100
60) Dibromochloromethane	9.519	129	333420	99.621	ug/l	100
61) 1,2-Dibromoethane	9.610	107	285821	98.420	ug/l	98
64) Tetrachloroethene	9.275	164	248666	99.506	ug/l	98
65) Chlorobenzene	10.079	112	803672	97.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	278595	100.380	ug/l	99
67) Ethyl Benzene	10.195	91	1424862	100.832	ug/l	99
68) m/p-Xylenes	10.299	106	1056553	200.518	ug/l	99
69) o-Xylene	10.640	106	508020	100.188	ug/l	99
70) Styrene	10.652	104	878271	102.509	ug/l	100
71) Bromoform	10.799	173	211374	101.376	ug/l	99
73) Isopropylbenzene	10.963	105	1326045	103.466	ug/l	99
74) N-amyl acetate	10.841	43	543008	111.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	374215	99.448	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	301098m	100.238	ug/l	
77) Bromobenzene	11.195	156	320460	102.397	ug/l	99
78) n-propylbenzene	11.305	91	1577819	103.081	ug/l	100
79) 2-Chlorotoluene	11.360	91	926261	100.105	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1084580	102.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70384	93.696	ug/l	98
82) 4-Chlorotoluene	11.451	91	1080450	99.058	ug/l	99
83) tert-Butylbenzene	11.713	119	1092054	103.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1086843	103.064	ug/l	99
85) sec-Butylbenzene	11.890	105	1343222	103.010	ug/l	99
86) p-Isopropyltoluene	12.006	119	1118938	101.405	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	593233	99.223	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	585597	95.231	ug/l	99
89) n-Butylbenzene	12.329	91	1050897	102.394	ug/l	100
90) Hexachloroethane	12.536	117	202423	104.570	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	558580	98.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	77939	107.101	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	389962	102.504	ug/l	98
94) Hexachlorobutadiene	13.719	225	123286	91.042	ug/l	98
95) Naphthalene	13.774	128	1191910	109.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	370778	103.395	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
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 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

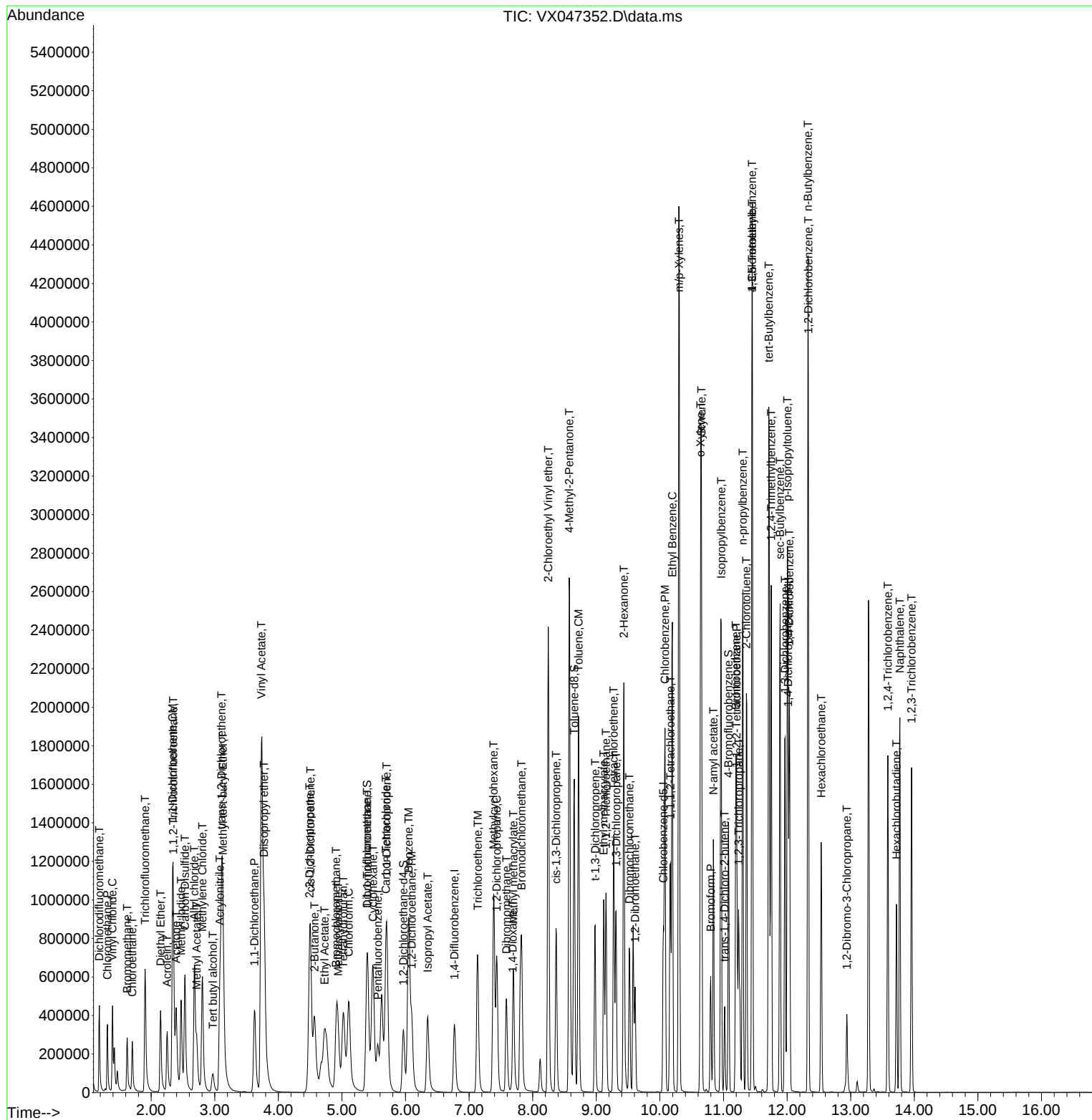
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047353.D
 Acq On : 15 Aug 2025 11:05
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:55:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	218039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	378315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153878	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	498398	163.328	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 326.660%#	
35) Dibromofluoromethane	5.397	113	396260	161.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 322.780%#	
50) Toluene-d8	8.653	98	1397755	159.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 318.540%#	
62) 4-Bromofluorobenzene	11.079	95	508844	157.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 314.240%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	445045	160.118	ug/l	98
3) Chloromethane	1.313	50	388526	155.385	ug/l	97
4) Vinyl Chloride	1.392	62	494933	157.702	ug/l	97
5) Bromomethane	1.618	94	170864	134.788	ug/l	100
6) Chloroethane	1.703	64	276042	143.758	ug/l	97
7) Trichlorofluoromethane	1.904	101	699331	150.647	ug/l	98
8) Diethyl Ether	2.148	74	251983	154.158	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	416485	154.664	ug/l	99
10) Methyl Iodide	2.471	142	794834	172.239	ug/l	98
11) Tert butyl alcohol	2.977	59	206679	778.553	ug/l	100
12) 1,1-Dichloroethene	2.337	96	425622	155.037	ug/l	99
13) Acrolein	2.252	56	429798	766.968	ug/l	100
14) Allyl chloride	2.678	41	735481	154.247	ug/l	99
15) Acrylonitrile	3.087	53	991254	772.742	ug/l	100
16) Acetone	2.392	43	784600	684.039	ug/l	99
17) Carbon Disulfide	2.532	76	1212975	146.420	ug/l	100
18) Methyl Acetate	2.715	43	476497	160.309	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	1317168	157.713	ug/l	100
20) Methylene Chloride	2.806	84	447216	147.242	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	434634	149.166	ug/l	98
22) Diisopropyl ether	3.776	45	1429793	151.699	ug/l	99
23) Vinyl Acetate	3.733	43	6020474	779.316	ug/l	100
24) 1,1-Dichloroethane	3.623	63	809793	152.005	ug/l	99
25) 2-Butanone	4.568	43	1122803	747.433	ug/l	98
26) 2,2-Dichloropropane	4.495	77	627662	156.100	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	509580	150.154	ug/l	99
28) Bromochloromethane	4.916	49	343257	154.839	ug/l	100
29) Tetrahydrofuran	5.019	42	717541	739.017	ug/l	97
30) Chloroform	5.105	83	812939	149.521	ug/l	99
31) Cyclohexane	5.483	56	727704	148.180	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	723635	154.630	ug/l	99
36) 1,1-Dichloropropene	5.702	75	570157	147.104	ug/l	99
37) Ethyl Acetate	4.727	43	593362	147.465	ug/l	97
38) Carbon Tetrachloride	5.690	117	628733	148.444	ug/l	98
39) Methylcyclohexane	7.385	83	729123	150.814	ug/l	97
40) Benzene	6.050	78	1706889	147.130	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047353.D
 Acq On : 15 Aug 2025 11:05
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:55:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	262323	154.600	ug/l	98
42) 1,2-Dichloroethane	6.098	62	599255	145.829	ug/l	100
43) Isopropyl Acetate	6.348	43	910348	157.486	ug/l	100
44) Trichloroethene	7.129	130	443361	149.252	ug/l	98
45) 1,2-Dichloropropane	7.434	63	433512	149.161	ug/l	99
46) Dibromomethane	7.586	93	312886	148.288	ug/l	99
47) Bromodichloromethane	7.824	83	650767	148.773	ug/l	99
48) Methyl methacrylate	7.696	41	473316	157.749	ug/l	99
49) 1,4-Dioxane	7.677	88	88481	3105.263	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	2521407	757.992	ug/l	100
52) Toluene	8.720	92	1052008	146.750	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	624499	163.583	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	682860	158.029	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	394302	144.868	ug/l	97
56) Ethyl methacrylate	9.116	69	646154	161.020	ug/l	99
57) 1,3-Dichloropropane	9.311	76	672087	144.911	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1468000	748.853	ug/l	99
59) 2-Hexanone	9.433	43	1737616	755.168	ug/l	100
60) Dibromochloromethane	9.525	129	476650	147.358	ug/l	99
61) 1,2-Dibromoethane	9.610	107	410057	146.099	ug/l	99
64) Tetrachloroethene	9.275	164	356989	149.518	ug/l	99
65) Chlorobenzene	10.079	112	1163848	148.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	405123	152.780	ug/l	100
67) Ethyl Benzene	10.195	91	2036272	150.823	ug/l	99
68) m/p-Xylenes	10.299	106	1502542	298.466	ug/l	99
69) o-Xylene	10.640	106	725154	149.683	ug/l	100
70) Styrene	10.653	104	1253652	153.150	ug/l	99
71) Bromoform	10.799	173	309626	155.427	ug/l #	99
73) Isopropylbenzene	10.963	105	1883521	156.417	ug/l	99
74) N-amyl acetate	10.842	43	790124	172.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	531651	150.375	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	425332m	150.704	ug/l	
77) Bromobenzene	11.195	156	451000	153.378	ug/l	99
78) n-propylbenzene	11.305	91	2235938	155.473	ug/l	99
79) 2-Chlorotoluene	11.366	91	1306418	150.272	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1536791	155.110	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	113338	154.967	ug/l	97
82) 4-Chlorotoluene	11.451	91	1541070	150.376	ug/l	100
83) tert-Butylbenzene	11.713	119	1542621	156.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1535261	154.952	ug/l	99
85) sec-Butylbenzene	11.890	105	1912224	156.078	ug/l	100
86) p-Isopropyltoluene	12.006	119	1601345	154.459	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	841394	149.783	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	837395	144.939	ug/l	100
89) n-Butylbenzene	12.329	91	1489473	154.462	ug/l	100
90) Hexachloroethane	12.536	117	303295	166.757	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	798192	149.701	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	115101	168.342	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	555658	155.453	ug/l	100
94) Hexachlorobutadiene	13.725	225	176870	139.013	ug/l	98
95) Naphthalene	13.774	128	1715681	167.959	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	535287	158.872	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
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 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

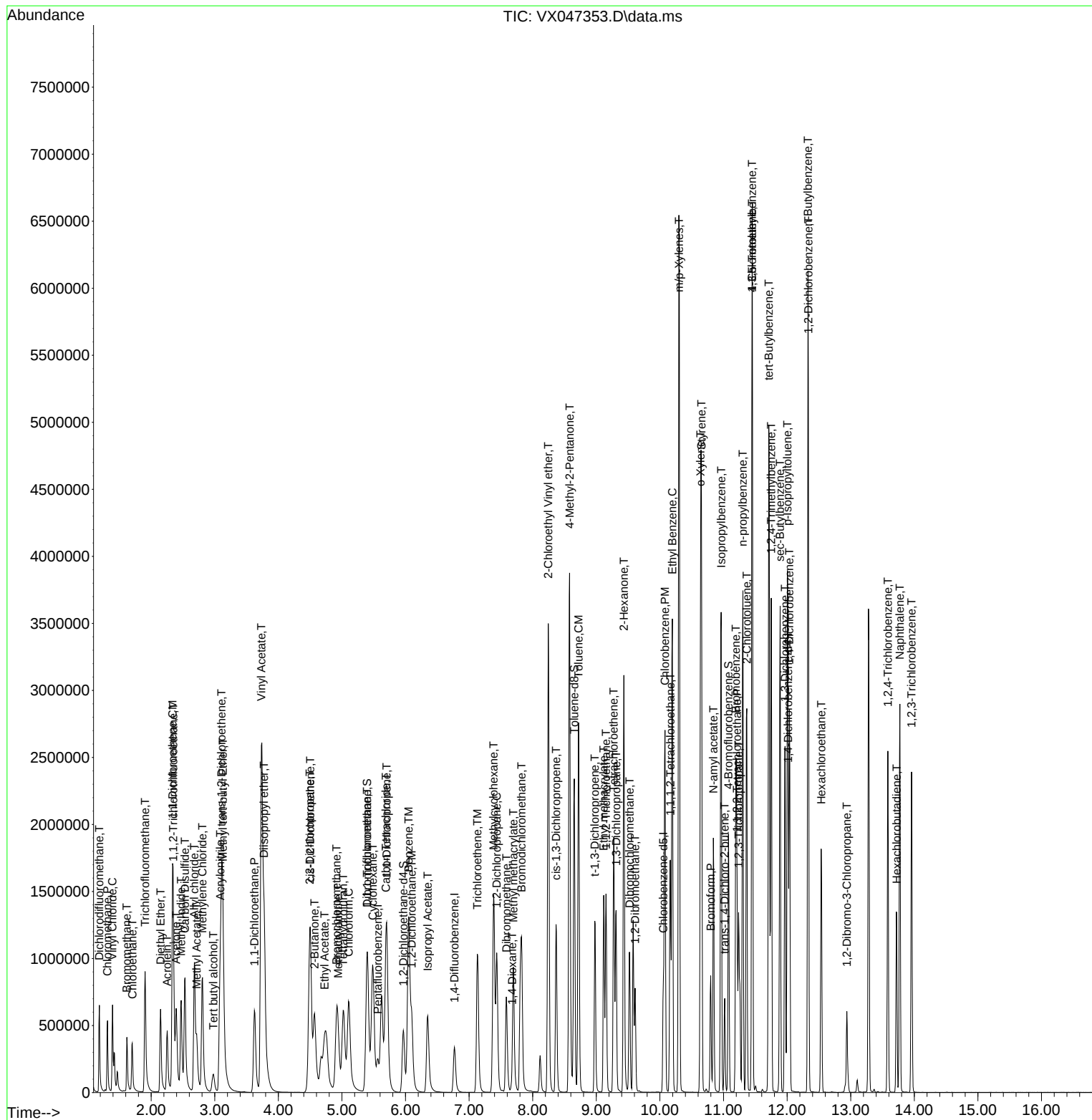
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047356.D
 Acq On : 15 Aug 2025 12:30
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 18 02:56:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	286149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	494689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228745	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	1.184	85	3127	0.857	ug/l	94
3) Chloromethane	1.313	50	3143	0.958	ug/l	99
4) Vinyl Chloride	1.392	62	3606	0.876	ug/l #	68
6) Chloroethane	1.709	64	2950	1.171	ug/l	91
7) Trichlorofluoromethane	1.904	101	5369	0.881	ug/l	86
8) Diethyl Ether	2.148	74	1947	0.908	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.349	101	2830	0.801	ug/l #	90
12) 1,1-Dichloroethene	2.337	96	3176	0.882	ug/l #	84
14) Allyl chloride	2.684	41	5441m	0.869	ug/l	
15) Acrylonitrile	3.087	53	7106	4.221	ug/l	89
16) Acetone	2.392	43	7123	4.732	ug/l	91
17) Carbon Disulfide	2.532	76	11842	1.089	ug/l #	93
18) Methyl Acetate	2.721	43	3556	0.912	ug/l #	84
19) Methyl tert-butyl Ether	3.129	73	8892	0.811	ug/l	95
20) Methylene Chloride	2.812	84	3953	0.992	ug/l	88
21) trans-1,2-Dichloroethene	3.111	96	3552	0.929	ug/l #	87
22) Diisopropyl ether	3.782	45	9930	0.803	ug/l	96
23) Vinyl Acetate	3.751	43	40393	3.984	ug/l #	90
24) 1,1-Dichloroethane	3.629	63	6019	0.861	ug/l #	85
25) 2-Butanone	4.605	43	8214	4.166	ug/l #	87
26) 2,2-Dichloropropane	4.489	77	4442	0.842	ug/l	80
27) cis-1,2-Dichloroethene	4.513	96	3960	0.889	ug/l	88
28) Bromochloromethane	4.934	49	2750	0.945	ug/l #	89
29) Tetrahydrofuran	5.044	42	6273m	4.923	ug/l	
30) Chloroform	5.117	83	6246	0.875	ug/l	86
32) 1,1,1-Trichloroethane	5.415	97	4939	0.804	ug/l #	49
36) 1,1-Dichloropropene	5.708	75	4692	0.926	ug/l	94
37) Ethyl Acetate	4.757	43	4864m	0.924	ug/l	
38) Carbon Tetrachloride	5.696	117	5100	0.921	ug/l	92
39) Methylcyclohexane	7.391	83	5884	0.931	ug/l	88
40) Benzene	6.056	78	12977	0.855	ug/l	92
41) Methacrylonitrile	4.958	41	1736m	0.782	ug/l	
42) 1,2-Dichloroethane	6.123	62	4784	0.890	ug/l	88
43) Isopropyl Acetate	6.366	43	6382	0.844	ug/l #	81
44) Trichloroethene	7.141	130	3329	0.857	ug/l	87
45) 1,2-Dichloropropane	7.446	63	3532	0.929	ug/l #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047356.D
 Acq On : 15 Aug 2025 12:30
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 18 02:56:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2453	0.889	ug/l	94
47) Bromodichloromethane	7.830	83	5078	0.888	ug/l #	98
48) Methyl methacrylate	7.720	41	3480m	0.887	ug/l	
49) 1,4-Dioxane	7.708	88	559m	15.003	ug/l	
51) 4-Methyl-2-Pentanone	8.586	43	17109	3.933	ug/l	96
52) Toluene	8.726	92	7930	0.846	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	3671	0.735	ug/l	91
54) cis-1,3-Dichloropropene	8.378	75	4466	0.790	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	3095	0.870	ug/l	97
56) Ethyl methacrylate	9.128	69	4003	0.763	ug/l	94
57) 1,3-Dichloropropane	9.311	76	5471	0.902	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.256	63	5074	10.313	ug/l	95
59) 2-Hexanone	9.439	43	11811	3.926	ug/l	92
60) Dibromochloromethane	9.524	129	3776	0.893	ug/l	87
61) 1,2-Dibromoethane	9.616	107	3325	0.906	ug/l	94
64) Tetrachloroethene	9.274	164	2888	0.875	ug/l	94
65) Chlorobenzene	10.079	112	9799	0.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3146	0.858	ug/l #	65
67) Ethyl Benzene	10.195	91	15680	0.840	ug/l	90
68) m/p-Xylenes	10.305	106	11714	1.683	ug/l	98
69) o-Xylene	10.640	106	5943	0.887	ug/l	93
70) Styrene	10.664	104	8294	0.733	ug/l	91
71) Bromoform	10.805	173	2201	0.799	ug/l #	94
73) Isopropylbenzene	10.963	105	14688	0.821	ug/l	94
74) N-amyl acetate	10.853	43	4792	0.705	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	4778	0.909	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	3744m	0.892	ug/l	
77) Bromobenzene	11.201	156	3648	0.835	ug/l	92
78) n-propylbenzene	11.305	91	17866	0.836	ug/l	100
79) 2-Chlorotoluene	11.366	91	11644	0.901	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	12427	0.844	ug/l	99
82) 4-Chlorotoluene	11.457	91	13922	0.914	ug/l	97
83) tert-Butylbenzene	11.713	119	12162	0.828	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	11509	0.781	ug/l	99
85) sec-Butylbenzene	11.890	105	14973	0.822	ug/l	97
86) p-Isopropyltoluene	12.012	119	13546	0.879	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	7821	0.937	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	8856m	1.031	ug/l	
89) n-Butylbenzene	12.335	91	12883	0.899	ug/l	97
90) Hexachloroethane	12.536	117	2421	0.895	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	7461	0.941	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	876	0.862	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	5232	0.985	ug/l	99
94) Hexachlorobutadiene	13.725	225	2573	1.360	ug/l	95
95) Naphthalene	13.780	128	12231	0.805	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	4918	0.982	ug/l	99

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

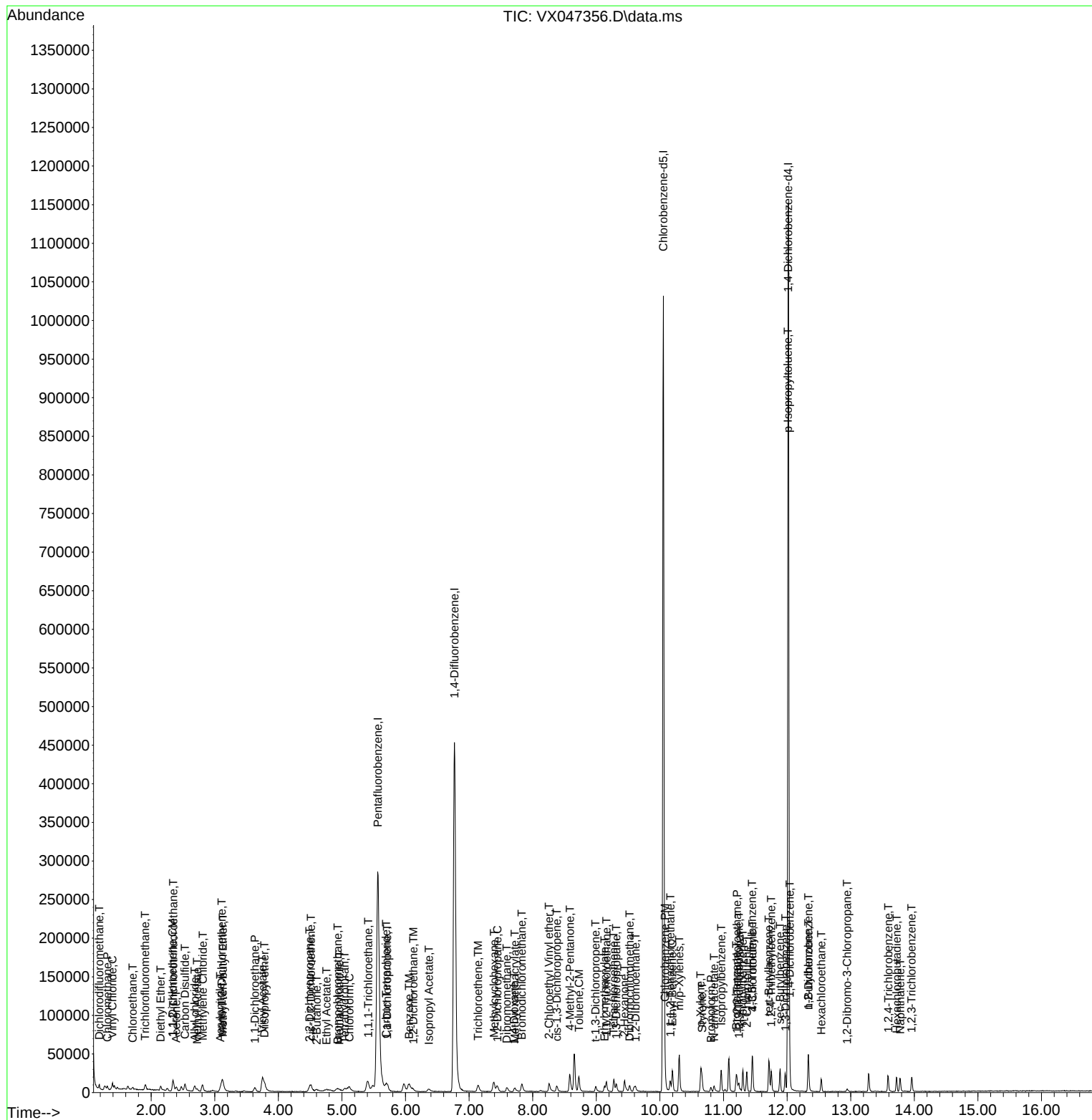
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On    : 15 Aug 2025 12:30
Operator  : JC/MD
Sample    : VSTDIC001
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 12 Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081525

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250887	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	427543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	379004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192241	54.750	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.500%			
35) Dibromofluoromethane	5.391	113	153967	55.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	8.647	98	540007	54.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.900%			
62) 4-Bromofluorobenzene	11.079	95	200280	54.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	166246	51.981	ug/l	99
3) Chloromethane	1.313	50	143779	49.973	ug/l	96
4) Vinyl Chloride	1.392	62	183527	50.822	ug/l	97
5) Bromomethane	1.630	94	81779	56.066	ug/l	98
6) Chloroethane	1.703	64	109193	49.421	ug/l	99
7) Trichlorofluoromethane	1.904	101	266531	49.898	ug/l	99
8) Diethyl Ether	2.148	74	94290	50.132	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	155403	50.154	ug/l	99
10) Methyl Iodide	2.465	142	238348	44.887	ug/l	99
11) Tert butyl alcohol	2.959	59	70101	229.494	ug/l	97
12) 1,1-Dichloroethene	2.337	96	158941	50.316	ug/l	99
13) Acrolein	2.245	56	133586	207.171	ug/l	99
14) Allyl chloride	2.678	41	271599	49.503	ug/l	100
15) Acrylonitrile	3.075	53	369146	250.094	ug/l	99
16) Acetone	2.386	43	324930	246.195	ug/l	96
17) Carbon Disulfide	2.526	76	457873	48.034	ug/l	99
18) Methyl Acetate	2.715	43	163394	47.774	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	481187	50.072	ug/l	98
20) Methylene Chloride	2.800	84	173780	49.724	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	165465	49.352	ug/l	97
22) Diisopropyl ether	3.769	45	556979	51.358	ug/l	99
23) Vinyl Acetate	3.727	43	2264555	254.755	ug/l	99
24) 1,1-Dichloroethane	3.617	63	303962	49.586	ug/l	98
25) 2-Butanone	4.562	43	422081	244.186	ug/l	100
26) 2,2-Dichloropropane	4.483	77	232204	50.188	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	193324	49.507	ug/l	98
28) Bromochloromethane	4.903	49	145787	57.153	ug/l	100
29) Tetrahydrofuran	5.019	42	268867	240.659	ug/l	99
30) Chloroform	5.099	83	306888	49.055	ug/l	98
31) Cyclohexane	5.477	56	265960	47.066	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	263954	49.018	ug/l	99
36) 1,1-Dichloropropene	5.702	75	208616	47.627	ug/l	99
37) Ethyl Acetate	4.721	43	214695	47.213	ug/l	99
38) Carbon Tetrachloride	5.684	117	226854	47.393	ug/l	100
39) Methylcyclohexane	7.379	83	257199	47.074	ug/l	96
40) Benzene	6.043	78	638127	48.672	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081525

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	93517	48.768	ug/l	97
42) 1,2-Dichloroethane	6.086	62	226201	48.708	ug/l	99
43) Isopropyl Acetate	6.342	43	318400	48.740	ug/l	100
44) Trichloroethene	7.129	130	161053	47.974	ug/l	98
45) 1,2-Dichloropropane	7.427	63	160155	48.760	ug/l	98
46) Dibromomethane	7.580	93	115651	48.500	ug/l	98
47) Bromodichloromethane	7.824	83	237881	48.121	ug/l	100
48) Methyl methacrylate	7.690	41	164810	48.604	ug/l	99
49) 1,4-Dioxane	7.677	88	29362m	890.740	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	916499	243.797	ug/l	99
52) Toluene	8.720	92	394588	48.706	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	218807	50.716	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	243957	49.956	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	148831	48.385	ug/l	98
56) Ethyl methacrylate	9.116	69	227388	50.140	ug/l	100
57) 1,3-Dichloropropane	9.305	76	253108	48.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	480379	222.770	ug/l	98
59) 2-Hexanone	9.427	43	630542	242.481	ug/l	99
60) Dibromochloromethane	9.518	129	175911	48.122	ug/l	99
61) 1,2-Dibromoethane	9.610	107	152160	47.971	ug/l	99
64) Tetrachloroethene	9.275	164	131233	47.871	ug/l	98
65) Chlorobenzene	10.079	112	429835	47.724	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	146443	48.099	ug/l	99
67) Ethyl Benzene	10.189	91	756938	48.829	ug/l	99
68) m/p-Xylenes	10.299	106	570536	98.705	ug/l	99
69) o-Xylene	10.640	106	273804	49.223	ug/l	99
70) Styrene	10.652	104	471591	50.176	ug/l	100
71) Bromoform	10.799	173	110810	48.446	ug/l #	99
73) Isopropylbenzene	10.957	105	718690	49.432	ug/l	100
74) N-amyl acetate	10.841	43	277245	50.217	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	205267	48.087	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	163259m	47.911	ug/l	
77) Bromobenzene	11.195	156	172064	48.465	ug/l	99
78) n-propylbenzene	11.299	91	856923	49.351	ug/l	99
79) 2-Chlorotoluene	11.360	91	506366	48.241	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	586315	49.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32392	42.686	ug/l	99
82) 4-Chlorotoluene	11.451	91	592542	47.889	ug/l	99
83) tert-Butylbenzene	11.713	119	594831	49.841	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	595697	49.796	ug/l	99
85) sec-Butylbenzene	11.890	105	732328	49.507	ug/l	100
86) p-Isopropyltoluene	12.006	119	617508	49.332	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	325055	47.926	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	326132	46.752	ug/l	100
89) n-Butylbenzene	12.329	91	576963	49.556	ug/l	99
90) Hexachloroethane	12.536	117	107051	48.749	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	304391	47.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38911	47.135	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	206837	47.926	ug/l	98
94) Hexachlorobutadiene	13.725	225	66005	42.967	ug/l	98
95) Naphthalene	13.774	128	604650	49.026	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	194540	47.822	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

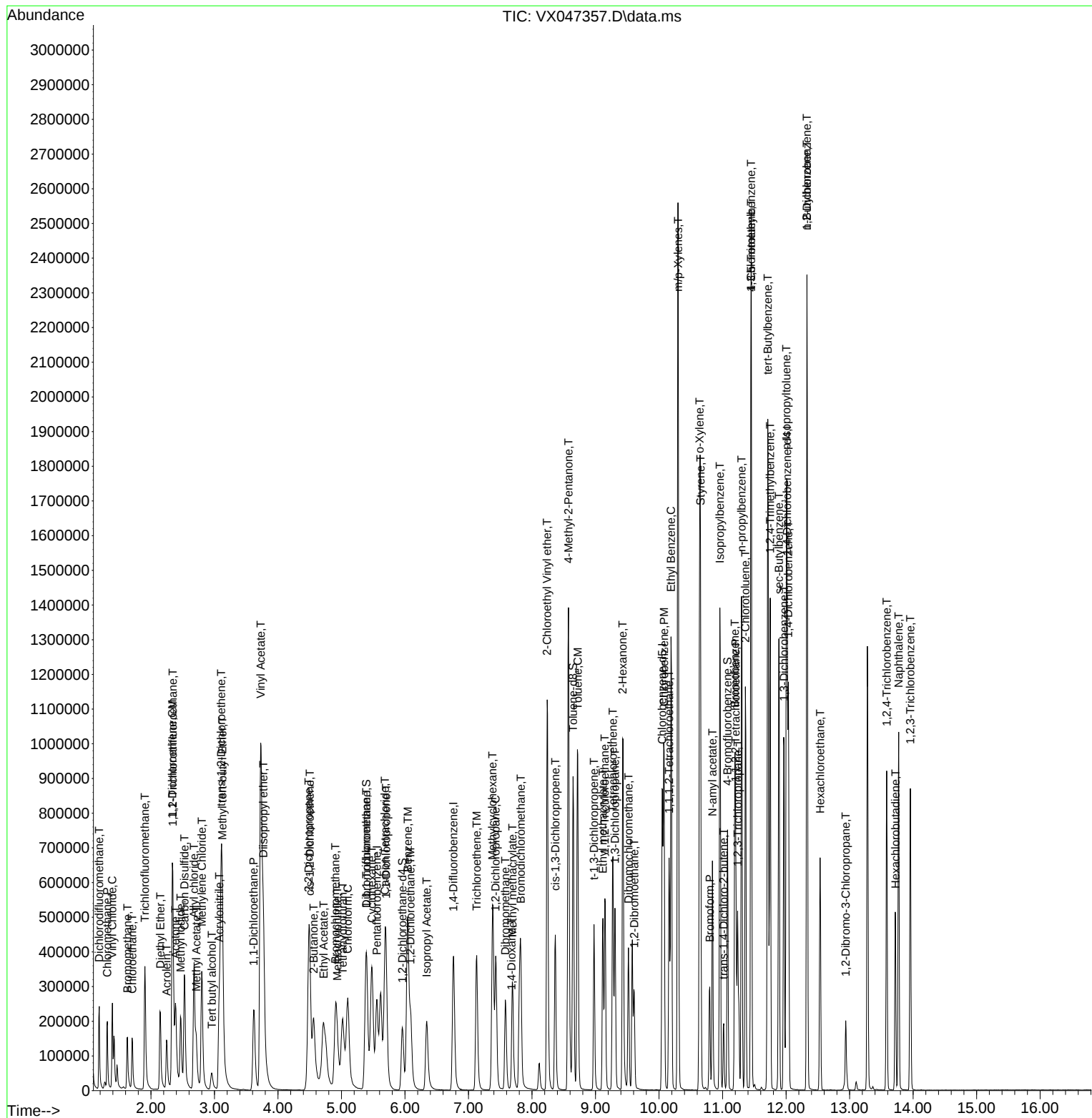
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 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081525

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081525

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	105	-0.01
2 T	Dichlorodifluoromethane	0.637	0.663	-4.1	95	0.00
3 P	Chloromethane	0.573	0.573	0.0	97	0.00
4 C	Vinyl Chloride	0.720	0.732	-1.7#	96	0.00
5 T	Bromomethane	0.291	0.326	-12.0	102	0.00
6 T	Chloroethane	0.440	0.435	1.1	99	0.00
7 T	Trichlorofluoromethane	1.065	1.062	0.3	94	0.00
8 T	Diethyl Ether	0.375	0.376	-0.3	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.618	0.619	-0.2	93	0.00
10 T	Methyl Iodide	1.058	0.950	10.2	86	0.00
11 T	Tert butyl alcohol	0.061	0.056	8.2	86	0.00
12 CM	1,1-Dichloroethene	0.630	0.634	-0.6#	96	0.00
13 T	Acrolein	0.129	0.106	17.8	85	0.00
14 T	Allyl chloride	1.093	1.083	0.9	94	0.00
15 T	Acrylonitrile	0.294	0.294	0.0	91	0.00
16 T	Acetone	0.263	0.259	1.5	97	0.00
17 T	Carbon Disulfide	1.900	1.825	3.9	96	0.00
18 T	Methyl Acetate	0.682	0.651	4.5	89	0.00
19 T	Methyl tert-butyl Ether	1.915	1.918	-0.2	93	0.00
20 T	Methylene Chloride	0.697	0.693	0.6	96	0.00
21 T	trans-1,2-Dichloroethene	0.668	0.660	1.2	96	0.00
22 T	Diisopropyl ether	2.161	2.220	-2.7	95	0.00
23 T	Vinyl Acetate	1.772	1.805	-1.9	93	0.00
24 P	1,1-Dichloroethane	1.222	1.212	0.8	94	0.00
25 T	2-Butanone	0.344	0.336	2.3	91	0.00
26 T	2,2-Dichloropropane	0.922	0.926	-0.4	96	-0.01
27 T	cis-1,2-Dichloroethene	0.778	0.771	0.9	96	0.00
28 T	Bromochloromethane	0.508	0.581	-14.4	113	0.00
29 T	Tetrahydrofuran	0.223	0.214	4.0	92	0.00
30 C	Chloroform	1.247	1.223	1.9#	94	0.00
31 T	Cyclohexane	1.126	1.060	5.9	92	0.00
32 T	1,1,1-Trichloroethane	1.073	1.052	2.0	92	0.00
33 S	1,2-Dichloroethane-d4	0.700	0.766	-9.4	115	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.325	0.360	-10.8	115	0.00
36 T	1,1-Dichloropropene	0.512	0.488	4.7	91	0.00
37 T	Ethyl Acetate	0.532	0.502	5.6	90	0.00
38 T	Carbon Tetrachloride	0.560	0.531	5.2	92	0.00
39 T	Methylcyclohexane	0.639	0.602	5.8	91	-0.01
40 TM	Benzene	1.533	1.493	2.6	92	0.00
41 T	Methacrylonitrile	0.224	0.219	2.2	89	0.00
42 TM	1,2-Dichloroethane	0.543	0.529	2.6	93	-0.01
43 T	Isopropyl Acetate	0.764	0.745	2.5	90	0.00
44 TM	Trichloroethene	0.393	0.377	4.1	92	0.00
45 C	1,2-Dichloropropane	0.384	0.375	2.3#	94	0.00
46 T	Dibromomethane	0.279	0.271	2.9	94	0.00
47 T	Bromodichloromethane	0.578	0.556	3.8	92	0.00
48 T	Methyl methacrylate	0.397	0.385	3.0	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX081525

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.003	25.0	81	0.00
50 S	Toluene-d8	1.160	1.263	-8.9	114	0.00
51 T	4-Methyl-2-Pentanone	0.440	0.429	2.5	89	0.00
52 CM	Toluene	0.947	0.923	2.5#	92	0.00
53 T	t-1,3-Dichloropropene	0.505	0.512	-1.4	92	0.00
54 T	cis-1,3-Dichloropropene	0.571	0.571	0.0	94	0.00
55 T	1,1,2-Trichloroethane	0.360	0.348	3.3	93	0.00
56 T	Ethyl methacrylate	0.530	0.532	-0.4	91	0.00
57 T	1,3-Dichloropropane	0.613	0.592	3.4	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.225	-6.6	86	0.00
59 T	2-Hexanone	0.304	0.295	3.0	90	0.00
60 T	Dibromochloromethane	0.428	0.411	4.0	93	0.00
61 T	1,2-Dibromoethane	0.371	0.356	4.0	92	0.00
62 S	4-Bromofluorobenzene	0.428	0.468	-9.3	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.362	0.346	4.4	91	0.00
65 PM	Chlorobenzene	1.188	1.134	4.5	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.386	4.0	91	0.00
67 C	Ethyl Benzene	2.045	1.997	2.3#	92	0.00
68 T	m/p-Xylenes	0.763	0.753	1.3	92	0.00
69 T	o-Xylene	0.734	0.722	1.6	93	0.00
70 T	Styrene	1.240	1.244	-0.3	92	0.00
71 P	Bromoform	0.302	0.292	3.3	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.913	3.868	1.2	92	0.00
74 T	N-amyl acetate	1.486	1.492	-0.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.149	1.105	3.8	91	0.00
76 T	1,2,3-Trichloropropane	0.917	0.879	4.1	91	0.00
77 T	Bromobenzene	0.955	0.926	3.0	92	0.00
78 T	n-propylbenzene	4.673	4.612	1.3	93	0.00
79 T	2-Chlorotoluene	2.825	2.725	3.5	92	0.00
80 T	1,3,5-Trimethylbenzene	3.219	3.156	2.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.174	2.2	92	0.00
82 T	4-Chlorotoluene	3.330	3.189	4.2	92	0.00
83 T	tert-Butylbenzene	3.212	3.202	0.3	93	0.00
84 T	1,2,4-Trimethylbenzene	3.219	3.206	0.4	92	0.00
85 T	sec-Butylbenzene	3.981	3.942	1.0	93	0.00
86 T	p-Isopropyltoluene	3.369	3.324	1.3	93	0.00
87 T	1,3-Dichlorobenzene	1.825	1.750	4.1	92	0.00
88 T	1,4-Dichlorobenzene	1.877	1.755	6.5	93	0.00
89 T	n-Butylbenzene	3.133	3.105	0.9	94	0.00
90 T	Hexachloroethane	0.591	0.576	2.5	92	0.00
91 T	1,2-Dichlorobenzene	1.733	1.638	5.5	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.222	0.209	5.9	89	0.00
93 T	1,2,4-Trichlorobenzene	1.161	1.113	4.1	95	0.00
94 T	Hexachlorobutadiene	0.413	0.355	14.0	92	0.00
95 T	Naphthalene	3.319	3.254	2.0	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	1.095	1.047	4.4	93	0.00

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX081525\
 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081525

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	105	-0.01
2 T	Dichlorodifluoromethane	50.000	51.981	-4.0	95	0.00
3 P	Chloromethane	50.000	49.973	0.1	97	0.00
4 C	Vinyl Chloride	50.000	50.822	-1.6#	96	0.00
5 T	Bromomethane	50.000	56.066	-12.1	102	0.00
6 T	Chloroethane	50.000	49.421	1.2	99	0.00
7 T	Trichlorofluoromethane	50.000	49.898	0.2	94	0.00
8 T	Diethyl Ether	50.000	50.132	-0.3	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.154	-0.3	93	0.00
10 T	Methyl Iodide	50.000	44.887	10.2	86	0.00
11 T	Tert butyl alcohol	250.000	229.494	8.2	86	0.00
12 CM	1,1-Dichloroethene	50.000	50.316	-0.6#	96	0.00
13 T	Acrolein	250.000	207.171	17.1	85	0.00
14 T	Allyl chloride	50.000	49.503	1.0	94	0.00
15 T	Acrylonitrile	250.000	250.094	-0.0	91	0.00
16 T	Acetone	250.000	246.195	1.5	97	0.00
17 T	Carbon Disulfide	50.000	48.034	3.9	96	0.00
18 T	Methyl Acetate	50.000	47.774	4.5	89	0.00
19 T	Methyl tert-butyl Ether	50.000	50.072	-0.1	93	0.00
20 T	Methylene Chloride	50.000	49.724	0.6	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.352	1.3	96	0.00
22 T	Diisopropyl ether	50.000	51.358	-2.7	95	0.00
23 T	Vinyl Acetate	250.000	254.755	-1.9	93	0.00
24 P	1,1-Dichloroethane	50.000	49.586	0.8	94	0.00
25 T	2-Butanone	250.000	244.186	2.3	91	0.00
26 T	2,2-Dichloropropane	50.000	50.188	-0.4	96	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.507	1.0	96	0.00
28 T	Bromochloromethane	50.000	57.153	-14.3	113	0.00
29 T	Tetrahydrofuran	250.000	240.659	3.7	92	0.00
30 C	Chloroform	50.000	49.055	1.9#	94	0.00
31 T	Cyclohexane	50.000	47.066	5.9	92	0.00
32 T	1,1,1-Trichloroethane	50.000	49.018	2.0	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.750	-9.5	115	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	55.488	-11.0	115	0.00
36 T	1,1-Dichloropropene	50.000	47.627	4.7	91	0.00
37 T	Ethyl Acetate	50.000	47.213	5.6	90	0.00
38 T	Carbon Tetrachloride	50.000	47.393	5.2	92	0.00
39 T	Methylcyclohexane	50.000	47.074	5.9	91	-0.01
40 TM	Benzene	50.000	48.672	2.7	92	0.00
41 T	Methacrylonitrile	50.000	48.768	2.5	89	0.00
42 TM	1,2-Dichloroethane	50.000	48.708	2.6	93	-0.01
43 T	Isopropyl Acetate	50.000	48.740	2.5	90	0.00
44 TM	Trichloroethene	50.000	47.974	4.1	92	0.00
45 C	1,2-Dichloropropane	50.000	48.760	2.5#	94	0.00
46 T	Dibromomethane	50.000	48.500	3.0	94	0.00
47 T	Bromodichloromethane	50.000	48.121	3.8	92	0.00
48 T	Methyl methacrylate	50.000	48.604	2.8	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081525

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	890.740	10.9	81	0.00
50 S	Toluene-d8	50.000	54.448	-8.9	114	0.00
51 T	4-Methyl-2-Pentanone	250.000	243.797	2.5	89	0.00
52 CM	Toluene	50.000	48.706	2.6#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	50.716	-1.4	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.956	0.1	94	0.00
55 T	1,1,2-Trichloroethane	50.000	48.385	3.2	93	0.00
56 T	Ethyl methacrylate	50.000	50.140	-0.3	91	0.00
57 T	1,3-Dichloropropane	50.000	48.290	3.4	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.770	10.9	86	0.00
59 T	2-Hexanone	250.000	242.481	3.0	90	0.00
60 T	Dibromochloromethane	50.000	48.122	3.8	93	0.00
61 T	1,2-Dibromoethane	50.000	47.971	4.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	54.723	-9.4	115	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	47.871	4.3	91	0.00
65 PM	Chlorobenzene	50.000	47.724	4.6	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.099	3.8	91	0.00
67 C	Ethyl Benzene	50.000	48.829	2.3#	92	0.00
68 T	m/p-Xylenes	100.000	98.705	1.3	92	0.00
69 T	o-Xylene	50.000	49.223	1.6	93	0.00
70 T	Styrene	50.000	50.176	-0.4	92	0.00
71 P	Bromoform	50.000	48.446	3.1	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	49.432	1.1	92	0.00
74 T	N-amyl acetate	50.000	50.217	-0.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.087	3.8	91	0.00
76 T	1,2,3-Trichloropropane	50.000	47.911	4.2	91	0.00
77 T	Bromobenzene	50.000	48.465	3.1	92	0.00
78 T	n-propylbenzene	50.000	49.351	1.3	93	0.00
79 T	2-Chlorotoluene	50.000	48.241	3.5	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.013	2.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.686	14.6	92	0.00
82 T	4-Chlorotoluene	50.000	47.889	4.2	92	0.00
83 T	tert-Butylbenzene	50.000	49.841	0.3	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.796	0.4	92	0.00
85 T	sec-Butylbenzene	50.000	49.507	1.0	93	0.00
86 T	p-Isopropyltoluene	50.000	49.332	1.3	93	0.00
87 T	1,3-Dichlorobenzene	50.000	47.926	4.1	92	0.00
88 T	1,4-Dichlorobenzene	50.000	46.752	6.5	93	0.00
89 T	n-Butylbenzene	50.000	49.556	0.9	94	0.00
90 T	Hexachloroethane	50.000	48.749	2.5	92	0.00
91 T	1,2-Dichlorobenzene	50.000	47.283	5.4	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.135	5.7	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.926	4.1	95	0.00
94 T	Hexachlorobutadiene	50.000	42.967	14.1	92	0.00
95 T	Naphthalene	50.000	49.026	1.9	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	47.822	4.4	93	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>Q2939</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/22/2025 10:00</u>
Lab File ID:	<u>VX047484.D</u>	Init. Calib. Date(s):	<u>08/15/2025 08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.547		-14.13	20
Chloromethane	0.573	0.473	0.1	-17.45	20
Vinyl Chloride	0.720	0.631		-12.36	20
Ethyl Acetate	0.532	0.469		-11.84	20
Bromomethane	0.291	0.250		-14.09	20
Chloroethane	0.440	0.402		-8.64	20
Trichlorofluoromethane	1.065	0.924		-13.24	20
1,1,2-Trichlorotrifluoroethane	0.618	0.560		-9.39	20
Tert butyl alcohol	0.061	0.069		13.11	20
1,1-Dichloroethene	0.630	0.555		-11.9	20
Acrolein	0.129	0.133		3.1	20
Acrylonitrile	0.294	0.310		5.44	20
Acetone	0.263	0.282		7.22	20
Carbon Disulfide	1.900	1.609		-15.32	20
Methyl tert-butyl Ether	1.915	2.042		6.63	20
Methyl Acetate	0.682	0.790		15.84	20
Methylene Chloride	0.697	0.691		-0.86	20
trans-1,2-Dichloroethene	0.668	0.628		-5.99	20
Vinyl Acetate	1.772	1.893		6.83	20
1,1-Dichloroethane	1.222	1.211	0.1	-0.9	20
Cyclohexane	1.126	0.960		-14.74	20
2-Butanone	0.344	0.384		11.63	20
Carbon Tetrachloride	0.560	0.491		-12.32	20
2,2-Dichloropropane	0.922	0.894		-3.04	20
cis-1,2-Dichloroethene	0.778	0.776		-0.26	20
Bromochloromethane	0.508	0.605		19.09	20
Chloroform	1.247	1.259		0.96	20
1,1,1-Trichloroethane	1.073	1.002		-6.62	20
Methylcyclohexane	0.639	0.539		-15.65	20
1,1-Dichloropropene	0.512	0.457		-10.74	20
Benzene	1.533	1.461		-4.7	20
1,2-Dichloroethane	0.543	0.547		0.74	20
Trichloroethene	0.393	0.354		-9.92	20
1,2-Dichloropropane	0.384	0.384		0	20
Dibromomethane	0.279	0.283		1.43	20
Bromodichloromethane	0.578	0.591		2.25	20
4-Methyl-2-Pentanone	0.440	0.451		2.5	20
Toluene	0.947	0.910		-3.91	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>Q2939</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/22/2025 10:00</u>
Lab File ID:	<u>VX047484.D</u>	Init. Calib. Date(s):	<u>08/15/2025 08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</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	0.505	0.537		6.34	20
cis-1,3-Dichloropropene	0.571	0.594		4.03	20
1,1,2-Trichloroethane	0.360	0.370		2.78	20
1,3-Dichloropropane	0.613	0.627		2.28	20
2-Chloroethyl Vinyl ether	0.211	0.258		22.27	20
2-Hexanone	0.304	0.307		0.99	20
Dibromochloromethane	0.428	0.433		1.17	20
1,2-Dibromoethane	0.371	0.377		1.62	20
Tetrachloroethene	0.362	0.321		-11.33	20
Chlorobenzene	1.188	1.118	0.3	-5.89	20
1,1,1,2-Tetrachloroethane	0.402	0.393		-2.24	20
Hexachloroethane	0.591	0.517		-12.52	20
Ethyl Benzene	2.045	1.893		-7.43	20
m/p-Xylenes	0.763	0.718		-5.9	20
o-Xylene	0.734	0.694		-5.45	20
Styrene	1.240	1.233		-0.56	20
Bromoform	0.302	0.306	0.1	1.33	20
Isopropylbenzene	3.913	3.516		-10.15	20
1,1,2,2-Tetrachloroethane	1.149	1.119	0.3	-2.61	20
1,2,3-Trichloropropane	0.917	0.876		-4.47	20
Bromobenzene	0.955	0.900		-5.76	20
n-propylbenzene	4.673	4.221		-9.67	20
2-Chlorotoluene	2.825	2.553		-9.63	20
1,3,5-Trimethylbenzene	3.219	2.974		-7.61	20
4-Chlorotoluene	3.330	3.046		-8.53	20
tert-Butylbenzene	3.212	2.962		-7.78	20
1,2,4-Trimethylbenzene	3.219	3.002		-6.74	20
sec-Butylbenzene	3.981	3.611		-9.29	20
p-Isopropyltoluene	3.369	3.068		-8.93	20
1,3-Dichlorobenzene	1.825	1.671		-8.44	20
1,4-Dichlorobenzene	1.877	1.682		-10.39	20
n-Butylbenzene	3.133	2.895		-7.6	20
1,2-Dichlorobenzene	1.733	1.613		-6.92	20
1,2-Dibromo-3-Chloropropane	0.222	0.213		-4.05	20
1,2,4-Trichlorobenzene	1.161	1.089		-6.2	20
Hexachlorobutadiene	0.413	0.388		-6.05	20
Naphthalene	3.319	3.315		-0.12	20
1,2,3-Trichlorobenzene	1.095	1.040		-5.02	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.: Q2939
Instrument ID: MSVOA_X Calibration Date/Time: 08/22/2025 10:00
Lab File ID: VX047484.D Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.700	0.775		10.71	20
Dibromofluoromethane	0.325	0.344		5.85	20
Toluene-d8	1.160	1.183		1.98	20
4-Bromofluorobenzene	0.428	0.453		5.84	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\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 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 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202377	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	354638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	324101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162878	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	156876	55.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.780%	
35) Dibromofluoromethane	5.391	113	122046	53.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.060%	
50) Toluene-d8	8.647	98	419479	50.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	160561	52.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.780%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	110755	42.931	ug/l	97
3) Chloromethane	1.313	50	95701	41.236	ug/l	98
4) Vinyl Chloride	1.392	62	127745	43.854	ug/l	96
5) Bromomethane	1.624	94	50511	42.930	ug/l	100
6) Chloroethane	1.703	64	81422	45.685	ug/l	99
7) Trichlorofluoromethane	1.904	101	186994	43.399	ug/l	99
8) Diethyl Ether	2.142	74	78847	51.970	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	113344	45.348	ug/l	98
10) Methyl Iodide	2.465	142	161545	37.716	ug/l	99
11) Tert butyl alcohol	2.959	59	69422	281.749	ug/l	100
12) 1,1-Dichloroethene	2.337	96	112343	44.089	ug/l	99
13) Acrolein	2.245	56	135030	259.607	ug/l	98
14) Allyl chloride	2.678	41	218245	49.313	ug/l	98
15) Acrylonitrile	3.081	53	313610	263.398	ug/l	99
16) Acetone	2.386	43	285280	267.964	ug/l	99
17) Carbon Disulfide	2.526	76	325641	42.351	ug/l	100
18) Methyl Acetate	2.709	43	159856	57.943	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	413165	53.300	ug/l	98
20) Methylene Chloride	2.800	84	139844	49.606	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	127129	47.007	ug/l	100
22) Diisopropyl ether	3.769	45	472502	54.011	ug/l	97
23) Vinyl Acetate	3.727	43	1915183	267.095	ug/l	99
24) 1,1-Dichloroethane	3.623	63	245050	49.558	ug/l	98
25) 2-Butanone	4.562	43	388898	278.919	ug/l	97
26) 2,2-Dichloropropane	4.483	77	180865	48.462	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	157104	49.875	ug/l	97
28) Bromochloromethane	4.903	49	122494	59.532	ug/l	100
29) Tetrahydrofuran	5.013	42	231797	257.210	ug/l	99
30) Chloroform	5.099	83	254837	50.499	ug/l	100
31) Cyclohexane	5.477	56	194217	42.608	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	202843	46.699	ug/l	99
36) 1,1-Dichloropropene	5.696	75	161908	44.562	ug/l	99
37) Ethyl Acetate	4.714	43	166297	44.088	ug/l	97
38) Carbon Tetrachloride	5.684	117	174249	43.887	ug/l	98
39) Methylcyclohexane	7.379	83	191087	42.164	ug/l	94
40) Benzene	6.043	78	517963	47.628	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 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 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	79394	49.915	ug/l	95
42) 1,2-Dichloroethane	6.092	62	193834	50.319	ug/l	99
43) Isopropyl Acetate	6.342	43	276273	50.985	ug/l	100
44) Trichloroethene	7.129	130	125639	45.119	ug/l	96
45) 1,2-Dichloropropane	7.433	63	136102	49.956	ug/l	99
46) Dibromomethane	7.580	93	100509	50.815	ug/l	96
47) Bromodichloromethane	7.824	83	209501	51.092	ug/l	100
48) Methyl methacrylate	7.690	41	145500	51.731	ug/l	99
49) 1,4-Dioxane	7.683	88	30467	1114.267	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	798993	256.232	ug/l	99
52) Toluene	8.714	92	322875	48.047	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	190463	53.221	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	210731	52.024	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	131207	51.424	ug/l	97
56) Ethyl methacrylate	9.116	69	196701	52.290	ug/l	99
57) 1,3-Dichloropropane	9.305	76	222481	51.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	457939	254.774	ug/l	98
59) 2-Hexanone	9.427	43	544688	252.526	ug/l	99
60) Dibromochloromethane	9.518	129	153592	50.654	ug/l	99
61) 1,2-Dibromoethane	9.610	107	133672	50.806	ug/l	98
64) Tetrachloroethene	9.275	164	103941	44.338	ug/l	99
65) Chlorobenzene	10.079	112	362411	47.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	127301	48.895	ug/l	100
67) Ethyl Benzene	10.189	91	613672	46.294	ug/l	99
68) m/p-Xylenes	10.299	106	465601	94.196	ug/l	100
69) o-Xylene	10.640	106	224870	47.274	ug/l	99
70) Styrene	10.652	104	399566	49.714	ug/l	99
71) Bromoform	10.799	173	99174	50.704	ug/l #	98
73) Isopropylbenzene	10.957	105	572656	44.928	ug/l	99
74) N-amyl acetate	10.841	43	236728	48.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	182217	48.691	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	142676m	47.760	ug/l	
77) Bromobenzene	11.195	156	146540	47.082	ug/l	100
78) n-propylbenzene	11.299	91	687439	45.159	ug/l	100
79) 2-Chlorotoluene	11.360	91	415839	45.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	484384	46.188	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27258	41.288	ug/l	100
82) 4-Chlorotoluene	11.451	91	496085	45.733	ug/l	100
83) tert-Butylbenzene	11.713	119	482449	46.111	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	488939	46.621	ug/l	99
85) sec-Butylbenzene	11.890	105	588223	45.359	ug/l	100
86) p-Isopropyltoluene	12.006	119	499743	45.540	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	272218	45.782	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	273935	44.794	ug/l	99
89) n-Butylbenzene	12.329	91	471493	46.193	ug/l	99
90) Hexachloroethane	12.536	117	84225	43.750	ug/l	96
91) 1,2-Dichlorobenzene	12.329	146	262651	46.538	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34717	47.970	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	177352	46.875	ug/l	99
94) Hexachlorobutadiene	13.719	225	63133	46.878	ug/l	99
95) Naphthalene	13.774	128	539890	49.933	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	169441	47.511	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047484.D
Acq On : 22 Aug 2025 10:00
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 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:19:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 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 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025

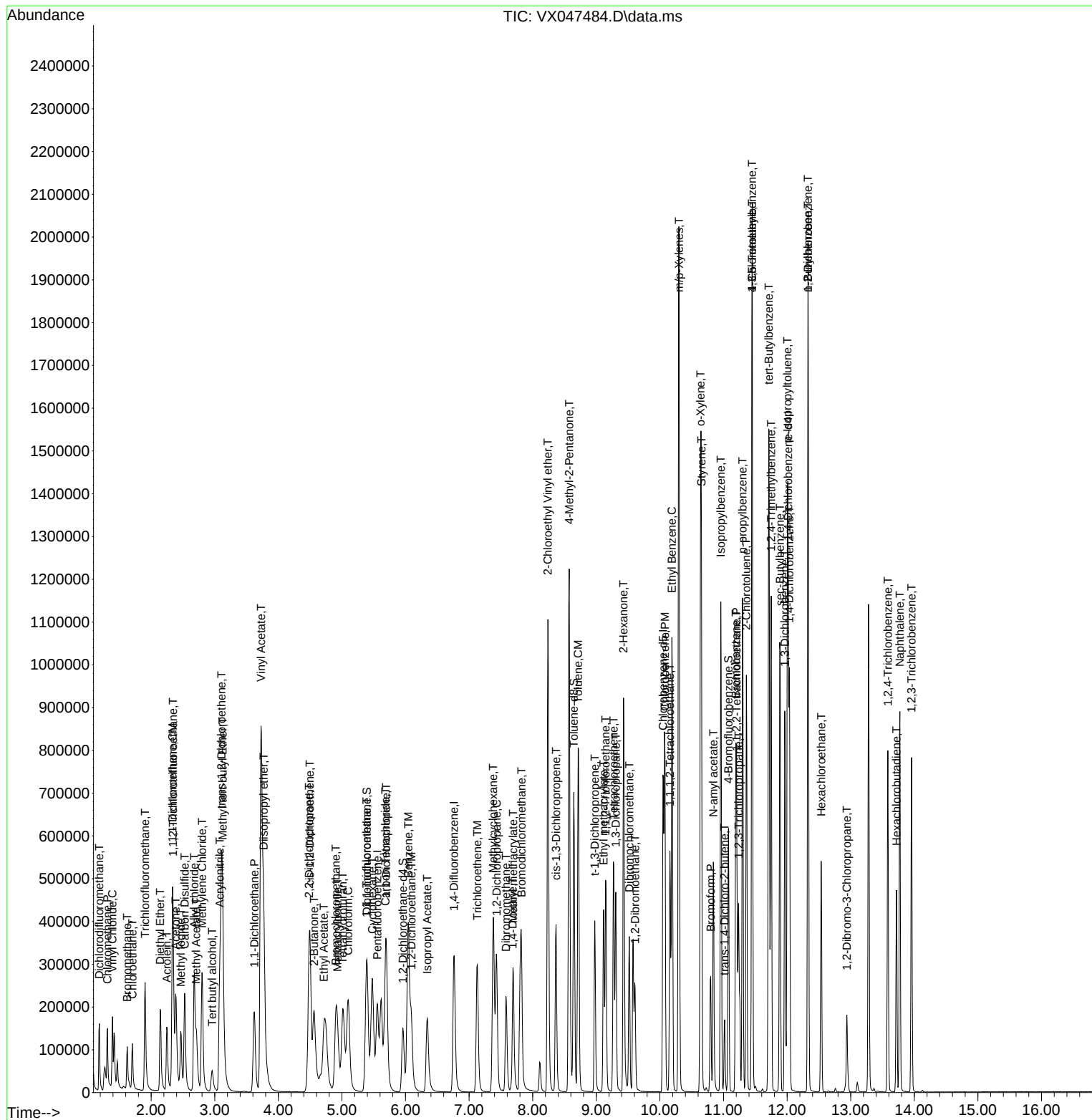
Quant Time: Aug 25 01:19:08 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M

Quant Title : SW846 8260

QLast Update : Mon Aug 18 04:18:28 2025

Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 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 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	85	-0.01
2 T	Dichlorodifluoromethane	0.637	0.547	14.1	63	0.00
3 P	Chloromethane	0.573	0.473	17.5	64	0.00
4 C	Vinyl Chloride	0.720	0.631	12.4#	67	0.00
5 T	Bromomethane	0.291	0.250	14.1	63	0.00
6 T	Chloroethane	0.440	0.402	8.6	74	0.00
7 T	Trichlorofluoromethane	1.065	0.924	13.2	66	0.00
8 T	Diethyl Ether	0.375	0.390	-4.0	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.618	0.560	9.4	68	0.00
10 T	Methyl Iodide	1.058	0.798	24.6	58	0.00
11 T	Tert butyl alcohol	0.061	0.069	-13.1	85	0.00
12 CM	1,1-Dichloroethene	0.630	0.555	11.9#	68	0.00
13 T	Acrolein	0.129	0.133	-3.1	86	0.00
14 T	Allyl chloride	1.093	1.078	1.4	75	0.00
15 T	Acrylonitrile	0.294	0.310	-5.4	77	0.00
16 T	Acetone	0.263	0.282	-7.2	85	0.00
17 T	Carbon Disulfide	1.900	1.609	15.3	68	0.00
18 T	Methyl Acetate	0.682	0.790	-15.8	87	0.00
19 T	Methyl tert-butyl Ether	1.915	2.042	-6.6	80	0.00
20 T	Methylene Chloride	0.697	0.691	0.9	77	0.00
21 T	trans-1,2-Dichloroethene	0.668	0.628	6.0	73	0.00
22 T	Diisopropyl ether	2.161	2.335	-8.1	80	0.00
23 T	Vinyl Acetate	1.772	1.893	-6.8	79	0.00
24 P	1,1-Dichloroethane	1.222	1.211	0.9	76	0.00
25 T	2-Butanone	0.344	0.384	-11.6	84	0.00
26 T	2,2-Dichloropropane	0.922	0.894	3.0	74	-0.01
27 T	cis-1,2-Dichloroethene	0.778	0.776	0.3	78	0.00
28 T	Bromochloromethane	0.508	0.605	-19.1	95	0.00
29 T	Tetrahydrofuran	0.223	0.229	-2.7	79	-0.01
30 C	Chloroform	1.247	1.259	-1.0#	78	0.00
31 T	Cyclohexane	1.126	0.960	14.7	67	0.00
32 T	1,1,1-Trichloroethane	1.073	1.002	6.6	71	-0.01
33 S	1,2-Dichloroethane-d4	0.700	0.775	-10.7	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.325	0.344	-5.8	91	0.00
36 T	1,1-Dichloropropene	0.512	0.457	10.7	71	-0.01
37 T	Ethyl Acetate	0.532	0.469	11.8	69	0.00
38 T	Carbon Tetrachloride	0.560	0.491	12.3	71	0.00
39 T	Methylcyclohexane	0.639	0.539	15.6	68	-0.01
40 TM	Benzene	1.533	1.461	4.7	75	0.00
41 T	Methacrylonitrile	0.224	0.224	0.0	76	-0.01
42 TM	1,2-Dichloroethane	0.543	0.547	-0.7	80	0.00
43 T	Isopropyl Acetate	0.764	0.779	-2.0	78	0.00
44 TM	Trichloroethene	0.393	0.354	9.9	72	0.00
45 C	1,2-Dichloropropane	0.384	0.384	0.0	80	0.00
46 T	Dibromomethane	0.279	0.283	-1.4	82	0.00
47 T	Bromodichloromethane	0.578	0.591	-2.2	81	0.00
48 T	Methyl methacrylate	0.397	0.410	-3.3	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 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 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	84	0.00
50 S	Toluene-d8	1.160	1.183	-2.0	88	0.00
51 T	4-Methyl-2-Pentanone	0.440	0.451	-2.5	77	0.00
52 CM	Toluene	0.947	0.910	3.9#	75	0.00
53 T	t-1,3-Dichloropropene	0.505	0.537	-6.3	80	0.00
54 T	cis-1,3-Dichloropropene	0.571	0.594	-4.0	81	0.00
55 T	1,1,2-Trichloroethane	0.360	0.370	-2.8	82	0.00
56 T	Ethyl methacrylate	0.530	0.555	-4.7	79	0.00
57 T	1,3-Dichloropropane	0.613	0.627	-2.3	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.258	-22.3	82	0.00
59 T	2-Hexanone	0.304	0.307	-1.0	77	0.00
60 T	Dibromochloromethane	0.428	0.433	-1.2	82	0.00
61 T	1,2-Dibromoethane	0.371	0.377	-1.6	81	0.00
62 S	4-Bromofluorobenzene	0.428	0.453	-5.8	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.362	0.321	11.3	72	0.00
65 PM	Chlorobenzene	1.188	1.118	5.9	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.393	2.2	79	0.00
67 C	Ethyl Benzene	2.045	1.893	7.4#	74	0.00
68 T	m/p-Xylenes	0.763	0.718	5.9	75	0.00
69 T	o-Xylene	0.734	0.694	5.4	76	0.00
70 T	Styrene	1.240	1.233	0.6	78	0.00
71 P	Bromoform	0.302	0.306	-1.3	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.913	3.516	10.1	73	0.00
74 T	N-amyl acetate	1.486	1.453	2.2	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.149	1.119	2.6	81	0.00
76 T	1,2,3-Trichloropropane	0.917	0.876	4.5	79	0.00
77 T	Bromobenzene	0.955	0.900	5.8	78	0.00
78 T	n-propylbenzene	4.673	4.221	9.7	75	0.00
79 T	2-Chlorotoluene	2.825	2.553	9.6	76	0.00
80 T	1,3,5-Trimethylbenzene	3.219	2.974	7.6	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.167	6.2	77	0.00
82 T	4-Chlorotoluene	3.330	3.046	8.5	77	0.00
83 T	tert-Butylbenzene	3.212	2.962	7.8	75	0.00
84 T	1,2,4-Trimethylbenzene	3.219	3.002	6.7	76	0.00
85 T	sec-Butylbenzene	3.981	3.611	9.3	75	0.00
86 T	p-Isopropyltoluene	3.369	3.068	8.9	76	0.00
87 T	1,3-Dichlorobenzene	1.825	1.671	8.4	77	0.00
88 T	1,4-Dichlorobenzene	1.877	1.682	10.4	78	0.00
89 T	n-Butylbenzene	3.133	2.895	7.6	77	0.00
90 T	Hexachloroethane	0.591	0.517	12.5	73	0.00
91 T	1,2-Dichlorobenzene	1.733	1.613	6.9	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.222	0.213	4.1	79	0.00
93 T	1,2,4-Trichlorobenzene	1.161	1.089	6.2	81	0.00
94 T	Hexachlorobutadiene	0.413	0.388	6.1	88	0.00
95 T	Naphthalene	3.319	3.315	0.1	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047484.D
Acq On : 22 Aug 2025 10:00
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 25 01:19:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	1.095	1.040	5.0	81	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 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 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	85	-0.01
2 T	Dichlorodifluoromethane	50.000	42.931	14.1	63	0.00
3 P	Chloromethane	50.000	41.236	17.5	64	0.00
4 C	Vinyl Chloride	50.000	43.854	12.3#	67	0.00
5 T	Bromomethane	50.000	42.930	14.1	63	0.00
6 T	Chloroethane	50.000	45.685	8.6	74	0.00
7 T	Trichlorofluoromethane	50.000	43.399	13.2	66	0.00
8 T	Diethyl Ether	50.000	51.970	-3.9	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.348	9.3	68	0.00
10 T	Methyl Iodide	50.000	37.716	24.6	58	0.00
11 T	Tert butyl alcohol	250.000	281.749	-12.7	85	0.00
12 CM	1,1-Dichloroethene	50.000	44.089	11.8#	68	0.00
13 T	Acrolein	250.000	259.607	-3.8	86	0.00
14 T	Allyl chloride	50.000	49.313	1.4	75	0.00
15 T	Acrylonitrile	250.000	263.398	-5.4	77	0.00
16 T	Acetone	250.000	267.964	-7.2	85	0.00
17 T	Carbon Disulfide	50.000	42.351	15.3	68	0.00
18 T	Methyl Acetate	50.000	57.943	-15.9	87	0.00
19 T	Methyl tert-butyl Ether	50.000	53.300	-6.6	80	0.00
20 T	Methylene Chloride	50.000	49.606	0.8	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.007	6.0	73	0.00
22 T	Diisopropyl ether	50.000	54.011	-8.0	80	0.00
23 T	Vinyl Acetate	250.000	267.095	-6.8	79	0.00
24 P	1,1-Dichloroethane	50.000	49.558	0.9	76	0.00
25 T	2-Butanone	250.000	278.919	-11.6	84	0.00
26 T	2,2-Dichloropropane	50.000	48.462	3.1	74	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.875	0.3	78	0.00
28 T	Bromochloromethane	50.000	59.532	-19.1	95	0.00
29 T	Tetrahydrofuran	250.000	257.210	-2.9	79	-0.01
30 C	Chloroform	50.000	50.499	-1.0#	78	0.00
31 T	Cyclohexane	50.000	42.608	14.8	67	0.00
32 T	1,1,1-Trichloroethane	50.000	46.699	6.6	71	-0.01
33 S	1,2-Dichloroethane-d4	50.000	55.388	-10.8	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	53.026	-6.1	91	0.00
36 T	1,1-Dichloropropene	50.000	44.562	10.9	71	-0.01
37 T	Ethyl Acetate	50.000	44.088	11.8	69	0.00
38 T	Carbon Tetrachloride	50.000	43.887	12.2	71	0.00
39 T	Methylcyclohexane	50.000	42.164	15.7	68	-0.01
40 TM	Benzene	50.000	47.628	4.7	75	0.00
41 T	Methacrylonitrile	50.000	49.915	0.2	76	-0.01
42 TM	1,2-Dichloroethane	50.000	50.319	-0.6	80	0.00
43 T	Isopropyl Acetate	50.000	50.985	-2.0	78	0.00
44 TM	Trichloroethene	50.000	45.119	9.8	72	0.00
45 C	1,2-Dichloropropane	50.000	49.956	0.1#	80	0.00
46 T	Dibromomethane	50.000	50.815	-1.6	82	0.00
47 T	Bromodichloromethane	50.000	51.092	-2.2	81	0.00
48 T	Methyl methacrylate	50.000	51.731	-3.5	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 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 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	1114.267	-11.4	84	0.00
50 S	Toluene-d8	50.000	50.990	-2.0	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.232	-2.5	77	0.00
52 CM	Toluene	50.000	48.047	3.9#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	53.221	-6.4	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.024	-4.0	81	0.00
55 T	1,1,2-Trichloroethane	50.000	51.424	-2.8	82	0.00
56 T	Ethyl methacrylate	50.000	52.290	-4.6	79	0.00
57 T	1,3-Dichloropropane	50.000	51.172	-2.3	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.774	-1.9	82	0.00
59 T	2-Hexanone	250.000	252.526	-1.0	77	0.00
60 T	Dibromochloromethane	50.000	50.654	-1.3	82	0.00
61 T	1,2-Dibromoethane	50.000	50.806	-1.6	81	0.00
62 S	4-Bromofluorobenzene	50.000	52.889	-5.8	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	44.338	11.3	72	0.00
65 PM	Chlorobenzene	50.000	47.055	5.9	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.895	2.2	79	0.00
67 C	Ethyl Benzene	50.000	46.294	7.4#	74	0.00
68 T	m/p-Xylenes	100.000	94.196	5.8	75	0.00
69 T	o-Xylene	50.000	47.274	5.5	76	0.00
70 T	Styrene	50.000	49.714	0.6	78	0.00
71 P	Bromoform	50.000	50.704	-1.4	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	44.928	10.1	73	0.00
74 T	N-amyl acetate	50.000	48.909	2.2	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.691	2.6	81	0.00
76 T	1,2,3-Trichloropropane	50.000	47.760	4.5	79	0.00
77 T	Bromobenzene	50.000	47.082	5.8	78	0.00
78 T	n-propylbenzene	50.000	45.159	9.7	75	0.00
79 T	2-Chlorotoluene	50.000	45.189	9.6	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.188	7.6	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.288	17.4	77	0.00
82 T	4-Chlorotoluene	50.000	45.733	8.5	77	0.00
83 T	tert-Butylbenzene	50.000	46.111	7.8	75	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.621	6.8	76	0.00
85 T	sec-Butylbenzene	50.000	45.359	9.3	75	0.00
86 T	p-Isopropyltoluene	50.000	45.540	8.9	76	0.00
87 T	1,3-Dichlorobenzene	50.000	45.782	8.4	77	0.00
88 T	1,4-Dichlorobenzene	50.000	44.794	10.4	78	0.00
89 T	n-Butylbenzene	50.000	46.193	7.6	77	0.00
90 T	Hexachloroethane	50.000	43.750	12.5	73	0.00
91 T	1,2-Dichlorobenzene	50.000	46.538	6.9	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.970	4.1	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.875	6.3	81	0.00
94 T	Hexachlorobutadiene	50.000	46.878	6.2	88	0.00
95 T	Naphthalene	50.000	49.933	0.1	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047484.D
Acq On : 22 Aug 2025 10:00
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 25 01:19:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	47.511	5.0	81	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>Q2939</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/25/2025 10:14</u>
Lab File ID:	<u>VX047511.D</u>	Init. Calib. Date(s):	<u>08/15/2025 08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.592		-7.06	20
Chloromethane	0.573	0.503	0.1	-12.22	20
Vinyl Chloride	0.720	0.665		-7.64	20
Ethyl Acetate	0.532	0.507		-4.7	20
Bromomethane	0.291	0.304		4.47	20
Chloroethane	0.440	0.395		-10.23	20
Trichlorofluoromethane	1.065	0.990		-7.04	20
1,1,2-Trichlorotrifluoroethane	0.618	0.608		-1.62	20
Tert butyl alcohol	0.061	0.079		29.51	20
1,1-Dichloroethene	0.630	0.602		-4.44	20
Acrolein	0.129	0.172		33.33	20
Acrylonitrile	0.294	0.330		12.24	20
Acetone	0.263	0.305		15.97	20
Carbon Disulfide	1.900	1.660		-12.63	20
Methyl tert-butyl Ether	1.915	2.057		7.41	20
Methyl Acetate	0.682	0.848		24.34	20
Methylene Chloride	0.697	0.688		-1.29	20
trans-1,2-Dichloroethene	0.668	0.637		-4.64	20
Vinyl Acetate	1.772	1.890		6.66	20
1,1-Dichloroethane	1.222	1.242	0.1	1.64	20
Cyclohexane	1.126	1.019		-9.5	20
2-Butanone	0.344	0.418		21.51	20
Carbon Tetrachloride	0.560	0.544		-2.86	20
2,2-Dichloropropane	0.922	0.951		3.14	20
cis-1,2-Dichloroethene	0.778	0.774		-0.51	20
Bromochloromethane	0.508	0.547		7.68	20
Chloroform	1.247	1.267		1.6	20
1,1,1-Trichloroethane	1.073	1.063		-0.93	20
Methylcyclohexane	0.639	0.589		-7.82	20
1,1-Dichloropropene	0.512	0.488		-4.69	20
Benzene	1.533	1.529		-0.26	20
1,2-Dichloroethane	0.543	0.551		1.47	20
Trichloroethene	0.393	0.383		-2.55	20
1,2-Dichloropropane	0.384	0.394		2.6	20
Dibromomethane	0.279	0.283		1.43	20
Bromodichloromethane	0.578	0.601		3.98	20
4-Methyl-2-Pentanone	0.440	0.495		12.5	20
Toluene	0.947	0.950		0.32	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>Q2939</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/25/2025 10:14</u>
Lab File ID:	<u>VX047511.D</u>	Init. Calib. Date(s):	<u>08/15/2025 08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</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	0.505	0.558		10.49	20
cis-1,3-Dichloropropene	0.571	0.608		6.48	20
1,1,2-Trichloroethane	0.360	0.375		4.17	20
1,3-Dichloropropane	0.613	0.642		4.73	20
2-Chloroethyl Vinyl ether	0.211	0.249		18.01	20
2-Hexanone	0.304	0.344		13.16	20
Dibromochloromethane	0.428	0.454		6.07	20
1,2-Dibromoethane	0.371	0.386		4.04	20
Tetrachloroethene	0.362	0.337		-6.91	20
Chlorobenzene	1.188	1.157	0.3	-2.61	20
1,1,1,2-Tetrachloroethane	0.402	0.409		1.74	20
Hexachloroethane	0.591	0.612		3.55	20
Ethyl Benzene	2.045	1.994		-2.49	20
m/p-Xylenes	0.763	0.747		-2.1	20
o-Xylene	0.734	0.734		0	20
Styrene	1.240	1.285		3.63	20
Bromoform	0.302	0.327	0.1	8.28	20
Isopropylbenzene	3.913	3.954		1.05	20
1,1,2,2-Tetrachloroethane	1.149	1.213	0.3	5.57	20
1,2,3-Trichloropropane	0.917	0.984		7.31	20
Bromobenzene	0.955	0.965		1.05	20
n-propylbenzene	4.673	4.699		0.56	20
2-Chlorotoluene	2.825	2.783		-1.49	20
1,3,5-Trimethylbenzene	3.219	3.249		0.93	20
4-Chlorotoluene	3.330	3.293		-1.11	20
tert-Butylbenzene	3.212	3.314		3.18	20
1,2,4-Trimethylbenzene	3.219	3.316		3.01	20
sec-Butylbenzene	3.981	4.065		2.11	20
p-Isopropyltoluene	3.369	3.408		1.16	20
1,3-Dichlorobenzene	1.825	1.810		-0.82	20
1,4-Dichlorobenzene	1.877	1.835		-2.24	20
n-Butylbenzene	3.133	3.188		1.76	20
1,2-Dichlorobenzene	1.733	1.752		1.1	20
1,2-Dibromo-3-Chloropropane	0.222	0.245		10.36	20
1,2,4-Trichlorobenzene	1.161	1.183		1.89	20
Hexachlorobutadiene	0.413	0.398		-3.63	20
Naphthalene	3.319	3.613		8.86	20
1,2,3-Trichlorobenzene	1.095	1.120		2.28	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.: Q2939
Instrument ID: MSVOA_X Calibration Date/Time: 08/25/2025 10:14
Lab File ID: VX047511.D Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.700	0.709		1.29	20
Dibromofluoromethane	0.325	0.333		2.46	20
Toluene-d8	1.160	1.165		0.43	20
4-Bromofluorobenzene	0.428	0.438		2.34	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\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 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 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	225340	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	383910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	348301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	169040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159870	50.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.380%			
35) Dibromofluoromethane	5.391	113	127874	51.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	8.647	98	447425	50.240	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.079	95	168309	51.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	133434	46.451	ug/l	100
3) Chloromethane	1.307	50	113236	43.820	ug/l	95
4) Vinyl Chloride	1.392	62	149781	46.179	ug/l	98
5) Bromomethane	1.618	94	68488	52.277	ug/l	97
6) Chloroethane	1.703	64	88968	44.832	ug/l	96
7) Trichlorofluoromethane	1.904	101	222992	46.480	ug/l	99
8) Diethyl Ether	2.148	74	86030	50.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	137019	49.234	ug/l	99
10) Methyl Iodide	2.465	142	177169	37.148	ug/l	98
11) Tert butyl alcohol	2.959	59	89365	325.728	ug/l	99
12) 1,1-Dichloroethene	2.331	96	135701	47.829	ug/l	100
13) Acrolein	2.246	56	194221	335.355	ug/l	99
14) Allyl chloride	2.678	41	253414	51.425	ug/l	97
15) Acrylonitrile	3.081	53	371660	280.344	ug/l	100
16) Acetone	2.392	43	343816	290.038	ug/l	100
17) Carbon Disulfide	2.526	76	373958	43.679	ug/l	99
18) Methyl Acetate	2.709	43	191155	62.227	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	463572	53.708	ug/l	99
20) Methylene Chloride	2.800	84	155047	49.394	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	143447	47.636	ug/l	97
22) Diisopropyl ether	3.770	45	519398	53.322	ug/l	98
23) Vinyl Acetate	3.727	43	2129205	266.684	ug/l	100
24) 1,1-Dichloroethane	3.617	63	279842	50.827	ug/l	99
25) 2-Butanone	4.562	43	471300	303.572	ug/l	98
26) 2,2-Dichloropropane	4.483	77	214266	51.561	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	174400	49.724	ug/l	99
28) Bromochloromethane	4.904	49	123248	53.794	ug/l	99
29) Tetrahydrofuran	5.013	42	286035	285.051	ug/l	99
30) Chloroform	5.099	83	285526	50.814	ug/l	100
31) Cyclohexane	5.477	56	229630	45.244	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	239445	49.508	ug/l	99
36) 1,1-Dichloropropene	5.696	75	187385	47.642	ug/l	99
37) Ethyl Acetate	4.721	43	194816	47.711	ug/l #	96
38) Carbon Tetrachloride	5.678	117	208682	48.552	ug/l	98
39) Methylcyclohexane	7.385	83	226307	46.128	ug/l	95
40) Benzene	6.044	78	587089	49.868	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 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 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	97641	56.706	ug/l	97
42) 1,2-Dichloroethane	6.092	62	211685	50.763	ug/l	99
43) Isopropyl Acetate	6.342	43	318057	54.221	ug/l	99
44) Trichloroethene	7.129	130	146855	48.717	ug/l	100
45) 1,2-Dichloropropane	7.428	63	151288	51.296	ug/l	98
46) Dibromomethane	7.580	93	108662	50.748	ug/l	99
47) Bromodichloromethane	7.818	83	230552	51.939	ug/l	98
48) Methyl methacrylate	7.690	41	165395	54.320	ug/l	99
49) 1,4-Dioxane	7.671	88	41098	1388.469	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	949886	281.396	ug/l	98
52) Toluene	8.714	92	364755	50.140	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	214161	55.280	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	233542	53.259	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	143869	52.088	ug/l	98
56) Ethyl methacrylate	9.116	69	222885	54.733	ug/l	99
57) 1,3-Dichloropropane	9.305	76	246424	52.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	478357	246.134	ug/l	99
59) 2-Hexanone	9.427	43	659390	282.395	ug/l	100
60) Dibromochloromethane	9.519	129	174144	53.053	ug/l	98
61) 1,2-Dibromoethane	9.610	107	148250	52.050	ug/l	99
64) Tetrachloroethene	9.275	164	117377	46.591	ug/l	97
65) Chlorobenzene	10.080	112	403154	48.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	142376	50.885	ug/l	99
67) Ethyl Benzene	10.189	91	694490	48.750	ug/l	99
68) m/p-Xylenes	10.299	106	520400	97.968	ug/l	98
69) o-Xylene	10.640	106	255708	50.022	ug/l	99
70) Styrene	10.653	104	447574	51.818	ug/l	100
71) Bromoform	10.799	173	113790	54.134	ug/l #	100
73) Isopropylbenzene	10.957	105	668401	50.529	ug/l	100
74) N-amyl acetate	10.842	43	277462	55.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	205097	52.808	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	166267m	53.628	ug/l	
77) Bromobenzene	11.195	156	163106	50.494	ug/l	99
78) n-propylbenzene	11.305	91	794308	50.277	ug/l	99
79) 2-Chlorotoluene	11.360	91	470478	49.263	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	549200	50.459	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32889	46.723	ug/l	99
82) 4-Chlorotoluene	11.451	91	556677	49.448	ug/l	99
83) tert-Butylbenzene	11.713	119	560212	51.591	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	560489	51.496	ug/l	100
85) sec-Butylbenzene	11.890	105	687118	51.053	ug/l	100
86) p-Isopropyltoluene	12.006	119	576167	50.590	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	305907	49.572	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	310157	48.868	ug/l	100
89) n-Butylbenzene	12.329	91	538893	50.872	ug/l	100
90) Hexachloroethane	12.536	117	103526	51.815	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	296193	50.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41383	55.096	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	200034	50.943	ug/l	98
94) Hexachlorobutadiene	13.725	225	67313	48.160	ug/l	97
95) Naphthalene	13.774	128	610778	54.430	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	189278	51.138	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
Data File : VX047511.D
Acq On : 25 Aug 2025 10:14
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 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:34:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample Id :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By : John Carlone 08/26/2025

Supervised By : Mahesh Dadoda 08/26/2025

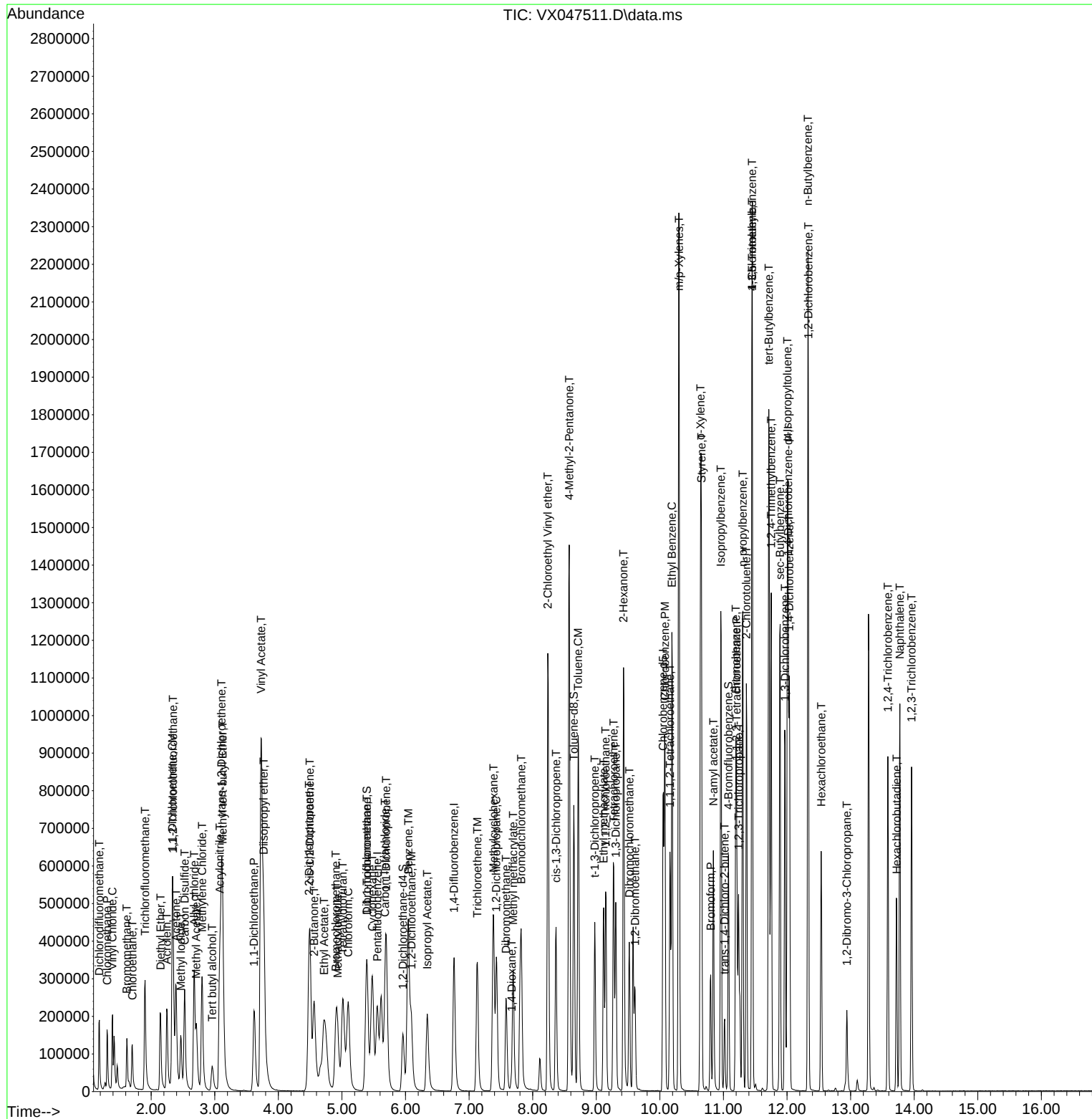
Quant Time: Aug 26 00:34:17 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M

Quant Title : SW846 8260

QLast Update : Mon Aug 18 04:18:28 2025

Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 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 26 00:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	94	-0.01
2 T	Dichlorodifluoromethane	0.637	0.592	7.1	76	0.00
3 P	Chloromethane	0.573	0.503	12.2	76	0.00
4 C	Vinyl Chloride	0.720	0.665	7.6#	78	0.00
5 T	Bromomethane	0.291	0.304	-4.5	85	-0.01
6 T	Chloroethane	0.440	0.395	10.2	81	0.00
7 T	Trichlorofluoromethane	1.065	0.990	7.0	79	0.00
8 T	Diethyl Ether	0.375	0.382	-1.9	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.618	0.608	1.6	82	0.00
10 T	Methyl Iodide	1.058	0.786	25.7#	64	0.00
11 T	Tert butyl alcohol	0.061	0.079	-29.5#	110	0.00
12 CM	1,1-Dichloroethene	0.630	0.602	4.4#	82	0.00
13 T	Acrolein	0.129	0.172	-33.3#	123	0.00
14 T	Allyl chloride	1.093	1.125	-2.9	88	0.00
15 T	Acrylonitrile	0.294	0.330	-12.2	92	0.00
16 T	Acetone	0.263	0.305	-16.0	103	0.00
17 T	Carbon Disulfide	1.900	1.660	12.6	79	0.00
18 T	Methyl Acetate	0.682	0.848	-24.3	104	0.00
19 T	Methyl tert-butyl Ether	1.915	2.057	-7.4	89	0.00
20 T	Methylene Chloride	0.697	0.688	1.3	86	0.00
21 T	trans-1,2-Dichloroethene	0.668	0.637	4.6	83	0.00
22 T	Diisopropyl ether	2.161	2.305	-6.7	88	0.00
23 T	Vinyl Acetate	1.772	1.890	-6.7	87	0.00
24 P	1,1-Dichloroethane	1.222	1.242	-1.6	86	0.00
25 T	2-Butanone	0.344	0.418	-21.5	102	0.00
26 T	2,2-Dichloropropane	0.922	0.951	-3.1	88	-0.01
27 T	cis-1,2-Dichloroethene	0.778	0.774	0.5	86	0.00
28 T	Bromochloromethane	0.508	0.547	-7.7	95	0.00
29 T	Tetrahydrofuran	0.223	0.254	-13.9	97	-0.01
30 C	Chloroform	1.247	1.267	-1.6#	87	0.00
31 T	Cyclohexane	1.126	1.019	9.5	79	0.00
32 T	1,1,1-Trichloroethane	1.073	1.063	0.9	84	0.00
33 S	1,2-Dichloroethane-d4	0.700	0.709	-1.3	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.325	0.333	-2.5	95	0.00
36 T	1,1-Dichloropropene	0.512	0.488	4.7	82	-0.01
37 T	Ethyl Acetate	0.532	0.507	4.7	81	0.00
38 T	Carbon Tetrachloride	0.560	0.544	2.9	85	-0.01
39 T	Methylcyclohexane	0.639	0.589	7.8	80	0.00
40 TM	Benzene	1.533	1.529	0.3	85	0.00
41 T	Methacrylonitrile	0.224	0.254	-13.4	93	0.00
42 TM	1,2-Dichloroethane	0.543	0.551	-1.5	87	0.00
43 T	Isopropyl Acetate	0.764	0.828	-8.4	90	0.00
44 TM	Trichloroethene	0.393	0.383	2.5	84	0.00
45 C	1,2-Dichloropropane	0.384	0.394	-2.6#	89	0.00
46 T	Dibromomethane	0.279	0.283	-1.4	89	0.00
47 T	Bromodichloromethane	0.578	0.601	-4.0	90	0.00
48 T	Methyl methacrylate	0.397	0.431	-8.6	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 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 26 00:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	113	0.00
50 S	Toluene-d8	1.160	1.165	-0.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.440	0.495	-12.5	92	0.00
52 CM	Toluene	0.947	0.950	-0.3#	85	0.00
53 T	t-1,3-Dichloropropene	0.505	0.558	-10.5	90	0.00
54 T	cis-1,3-Dichloropropene	0.571	0.608	-6.5	90	0.00
55 T	1,1,2-Trichloroethane	0.360	0.375	-4.2	90	0.00
56 T	Ethyl methacrylate	0.530	0.581	-9.6	89	0.00
57 T	1,3-Dichloropropane	0.613	0.642	-4.7	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.249	-18.0	86	0.00
59 T	2-Hexanone	0.304	0.344	-13.2	94	0.00
60 T	Dibromochloromethane	0.428	0.454	-6.1	92	0.00
61 T	1,2-Dibromoethane	0.371	0.386	-4.0	89	0.00
62 S	4-Bromofluorobenzene	0.428	0.438	-2.3	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.362	0.337	6.9	81	0.00
65 PM	Chlorobenzene	1.188	1.157	2.6	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.409	-1.7	89	0.00
67 C	Ethyl Benzene	2.045	1.994	2.5#	84	0.00
68 T	m/p-Xylenes	0.763	0.747	2.1	84	0.00
69 T	o-Xylene	0.734	0.734	0.0	87	0.00
70 T	Styrene	1.240	1.285	-3.6	87	0.00
71 P	Bromoform	0.302	0.327	-8.3	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.913	3.954	-1.0	86	0.00
74 T	N-amyl acetate	1.486	1.641	-10.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.149	1.213	-5.6	91	0.00
76 T	1,2,3-Trichloropropane	0.917	0.984	-7.3	92	0.00
77 T	Bromobenzene	0.955	0.965	-1.0	87	0.00
78 T	n-propylbenzene	4.673	4.699	-0.6	86	0.00
79 T	2-Chlorotoluene	2.825	2.783	1.5	86	0.00
80 T	1,3,5-Trimethylbenzene	3.219	3.249	-0.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.195	-9.6	93	0.00
82 T	4-Chlorotoluene	3.330	3.293	1.1	86	0.00
83 T	tert-Butylbenzene	3.212	3.314	-3.2	87	0.00
84 T	1,2,4-Trimethylbenzene	3.219	3.316	-3.0	87	0.00
85 T	sec-Butylbenzene	3.981	4.065	-2.1	88	0.00
86 T	p-Isopropyltoluene	3.369	3.408	-1.2	87	0.00
87 T	1,3-Dichlorobenzene	1.825	1.810	0.8	87	0.00
88 T	1,4-Dichlorobenzene	1.877	1.835	2.2	88	0.00
89 T	n-Butylbenzene	3.133	3.188	-1.8	88	0.00
90 T	Hexachloroethane	0.591	0.612	-3.6	89	0.00
91 T	1,2-Dichlorobenzene	1.733	1.752	-1.1	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.222	0.245	-10.4	94	0.00
93 T	1,2,4-Trichlorobenzene	1.161	1.183	-1.9	91	0.00
94 T	Hexachlorobutadiene	0.413	0.398	3.6	94	0.00
95 T	Naphthalene	3.319	3.613	-8.9	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
Data File : VX047511.D
Acq On : 25 Aug 2025 10:14
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 26 00:34:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	1.095	1.120	-2.3	91	0.00

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 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 26 00:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	94	-0.01
2 T	Dichlorodifluoromethane	50.000	46.451	7.1	76	0.00
3 P	Chloromethane	50.000	43.820	12.4	76	0.00
4 C	Vinyl Chloride	50.000	46.179	7.6#	78	0.00
5 T	Bromomethane	50.000	52.277	-4.6	85	-0.01
6 T	Chloroethane	50.000	44.832	10.3	81	0.00
7 T	Trichlorofluoromethane	50.000	46.480	7.0	79	0.00
8 T	Diethyl Ether	50.000	50.926	-1.9	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.234	1.5	82	0.00
10 T	Methyl Iodide	50.000	37.148	25.7#	64	0.00
11 T	Tert butyl alcohol	250.000	325.728	-30.3#	110	0.00
12 CM	1,1-Dichloroethene	50.000	47.829	4.3#	82	0.00
13 T	Acrolein	250.000	335.355	-34.1#	123	0.00
14 T	Allyl chloride	50.000	51.425	-2.8	88	0.00
15 T	Acrylonitrile	250.000	280.344	-12.1	92	0.00
16 T	Acetone	250.000	290.038	-16.0	103	0.00
17 T	Carbon Disulfide	50.000	43.679	12.6	79	0.00
18 T	Methyl Acetate	50.000	62.227	-24.5	104	0.00
19 T	Methyl tert-butyl Ether	50.000	53.708	-7.4	89	0.00
20 T	Methylene Chloride	50.000	49.394	1.2	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.636	4.7	83	0.00
22 T	Diisopropyl ether	50.000	53.322	-6.6	88	0.00
23 T	Vinyl Acetate	250.000	266.684	-6.7	87	0.00
24 P	1,1-Dichloroethane	50.000	50.827	-1.7	86	0.00
25 T	2-Butanone	250.000	303.572	-21.4	102	0.00
26 T	2,2-Dichloropropane	50.000	51.561	-3.1	88	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.724	0.6	86	0.00
28 T	Bromochloromethane	50.000	53.794	-7.6	95	0.00
29 T	Tetrahydrofuran	250.000	285.051	-14.0	97	-0.01
30 C	Chloroform	50.000	50.814	-1.6#	87	0.00
31 T	Cyclohexane	50.000	45.244	9.5	79	0.00
32 T	1,1,1-Trichloroethane	50.000	49.508	1.0	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.693	-1.4	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	51.322	-2.6	95	0.00
36 T	1,1-Dichloropropene	50.000	47.642	4.7	82	-0.01
37 T	Ethyl Acetate	50.000	47.711	4.6	81	0.00
38 T	Carbon Tetrachloride	50.000	48.552	2.9	85	-0.01
39 T	Methylcyclohexane	50.000	46.128	7.7	80	0.00
40 TM	Benzene	50.000	49.868	0.3	85	0.00
41 T	Methacrylonitrile	50.000	56.706	-13.4	93	0.00
42 TM	1,2-Dichloroethane	50.000	50.763	-1.5	87	0.00
43 T	Isopropyl Acetate	50.000	54.221	-8.4	90	0.00
44 TM	Trichloroethene	50.000	48.717	2.6	84	0.00
45 C	1,2-Dichloropropane	50.000	51.296	-2.6#	89	0.00
46 T	Dibromomethane	50.000	50.748	-1.5	89	0.00
47 T	Bromodichloromethane	50.000	51.939	-3.9	90	0.00
48 T	Methyl methacrylate	50.000	54.320	-8.6	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 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 26 00:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	1388.469	-38.8#	113	0.00
50 S	Toluene-d8	50.000	50.240	-0.5	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.396	-12.6	92	0.00
52 CM	Toluene	50.000	50.140	-0.3#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	55.280	-10.6	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.259	-6.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	52.088	-4.2	90	0.00
56 T	Ethyl methacrylate	50.000	54.733	-9.5	89	0.00
57 T	1,3-Dichloropropane	50.000	52.358	-4.7	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.134	1.5	86	0.00
59 T	2-Hexanone	250.000	282.395	-13.0	94	0.00
60 T	Dibromochloromethane	50.000	53.053	-6.1	92	0.00
61 T	1,2-Dibromoethane	50.000	52.050	-4.1	89	0.00
62 S	4-Bromofluorobenzene	50.000	51.214	-2.4	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	46.591	6.8	81	0.00
65 PM	Chlorobenzene	50.000	48.708	2.6	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.885	-1.8	89	0.00
67 C	Ethyl Benzene	50.000	48.750	2.5#	84	0.00
68 T	m/p-Xylenes	100.000	97.968	2.0	84	0.00
69 T	o-Xylene	50.000	50.022	-0.0	87	0.00
70 T	Styrene	50.000	51.818	-3.6	87	0.00
71 P	Bromoform	50.000	54.134	-8.3	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	50.529	-1.1	86	0.00
74 T	N-ethyl acetate	50.000	55.235	-10.5	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.808	-5.6	91	0.00
76 T	1,2,3-Trichloropropane	50.000	53.628	-7.3	92	0.00
77 T	Bromobenzene	50.000	50.494	-1.0	87	0.00
78 T	n-propylbenzene	50.000	50.277	-0.6	86	0.00
79 T	2-Chlorotoluene	50.000	49.263	1.5	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.459	-0.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.723	6.6	93	0.00
82 T	4-Chlorotoluene	50.000	49.448	1.1	86	0.00
83 T	tert-Butylbenzene	50.000	51.591	-3.2	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.496	-3.0	87	0.00
85 T	sec-Butylbenzene	50.000	51.053	-2.1	88	0.00
86 T	p-Isopropyltoluene	50.000	50.590	-1.2	87	0.00
87 T	1,3-Dichlorobenzene	50.000	49.572	0.9	87	0.00
88 T	1,4-Dichlorobenzene	50.000	48.868	2.3	88	0.00
89 T	n-Butylbenzene	50.000	50.872	-1.7	88	0.00
90 T	Hexachloroethane	50.000	51.815	-3.6	89	0.00
91 T	1,2-Dichlorobenzene	50.000	50.568	-1.1	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.096	-10.2	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.943	-1.9	91	0.00
94 T	Hexachlorobutadiene	50.000	48.160	3.7	94	0.00
95 T	Naphthalene	50.000	54.430	-8.9	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
Data File : VX047511.D
Acq On : 25 Aug 2025 10:14
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 26 00:34:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.138	-2.3	91	0.00

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



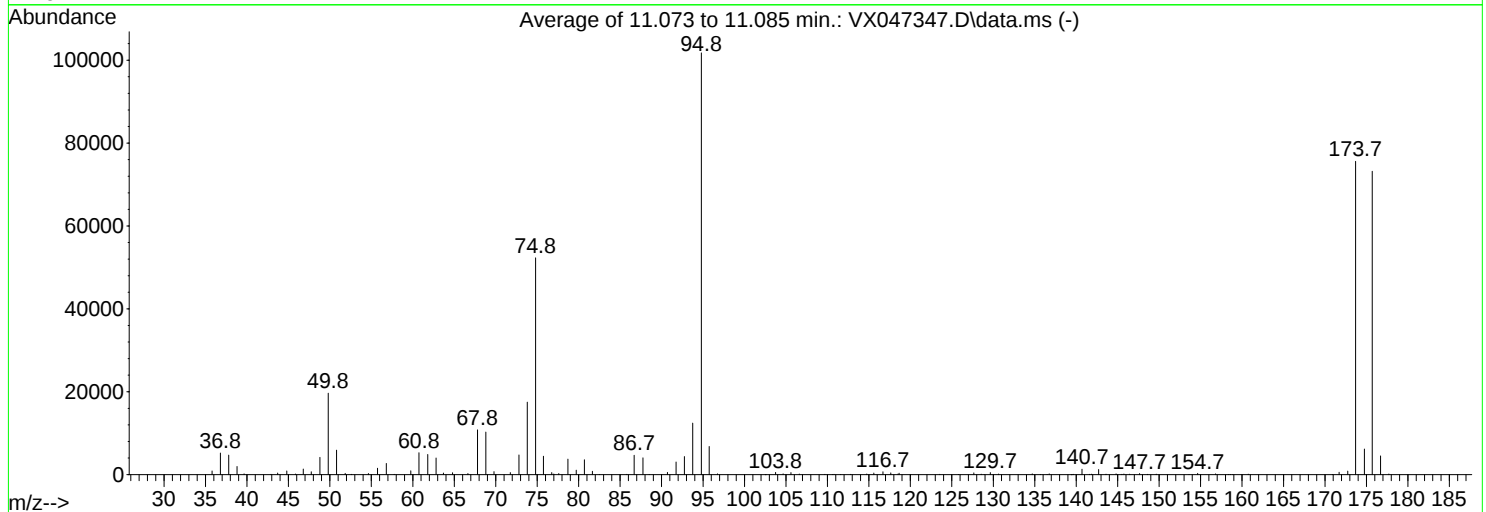
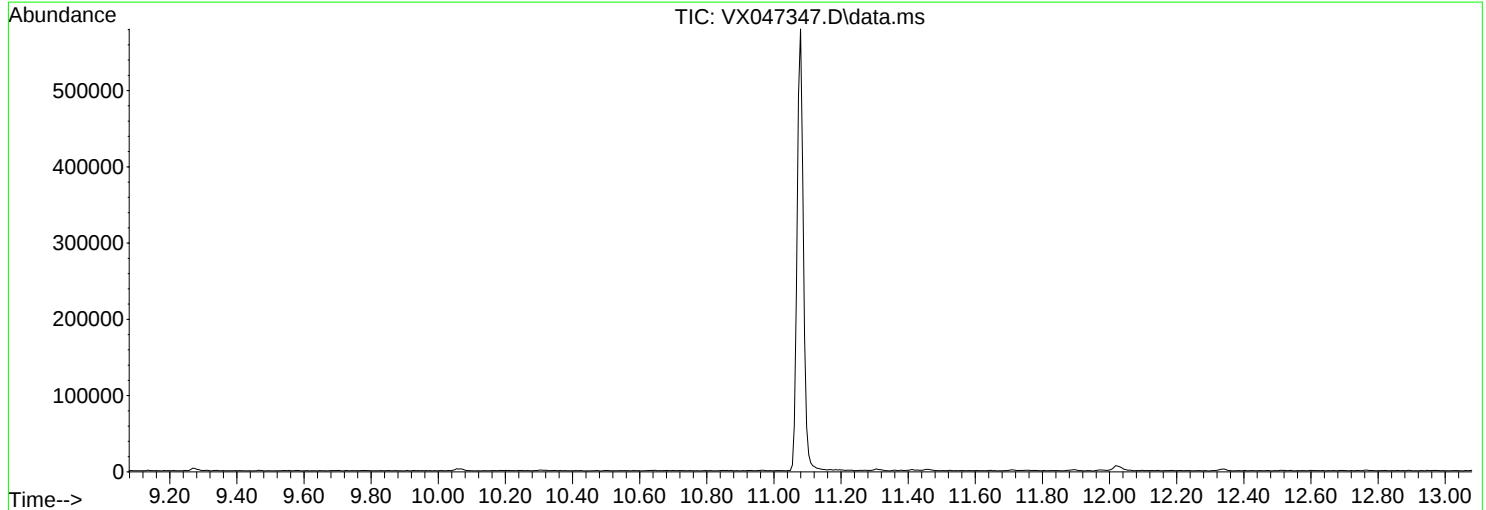
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047347.D
Acq On : 15 Aug 2025 08:28
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\82X081525W.M
Title : SW846 8260
Last Update : Mon Aug 18 04:18:28 2025



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

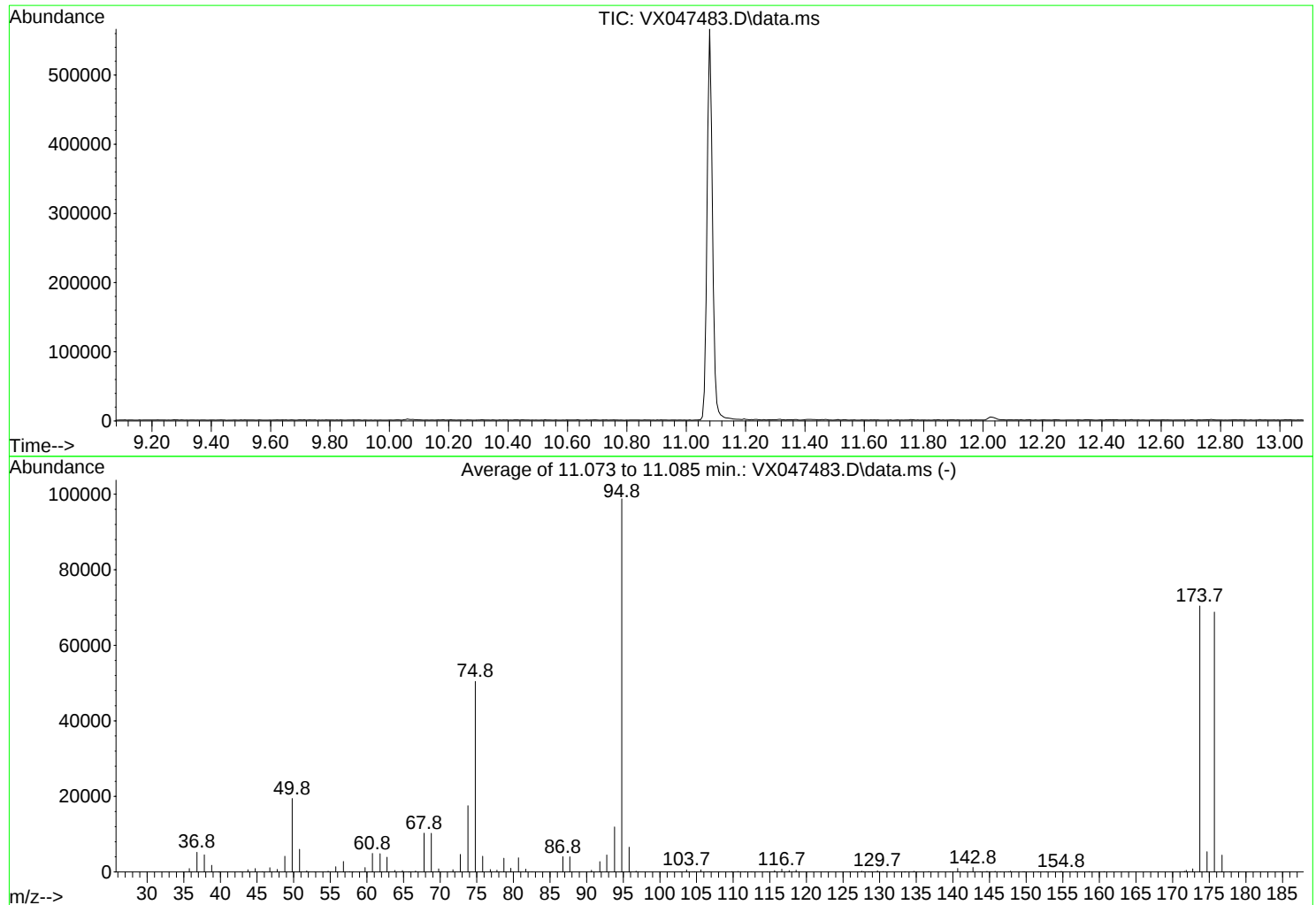
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	19650	PASS
75	95	30	60	51.4	52320	PASS
95	95	100	100	100.0	101773	PASS
96	95	5	9	6.7	6795	PASS
173	174	0.00	2	1.1	867	PASS
174	95	50	100	74.3	75603	PASS
175	174	5	9	8.2	6186	PASS
176	174	95	101	96.8	73213	PASS
177	176	5	9	6.2	4510	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047483.D
Acq On : 22 Aug 2025 08:25
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\82X081525W.M
Title : SW846 8260
Last Update : Mon Aug 18 04:18:28 2025



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

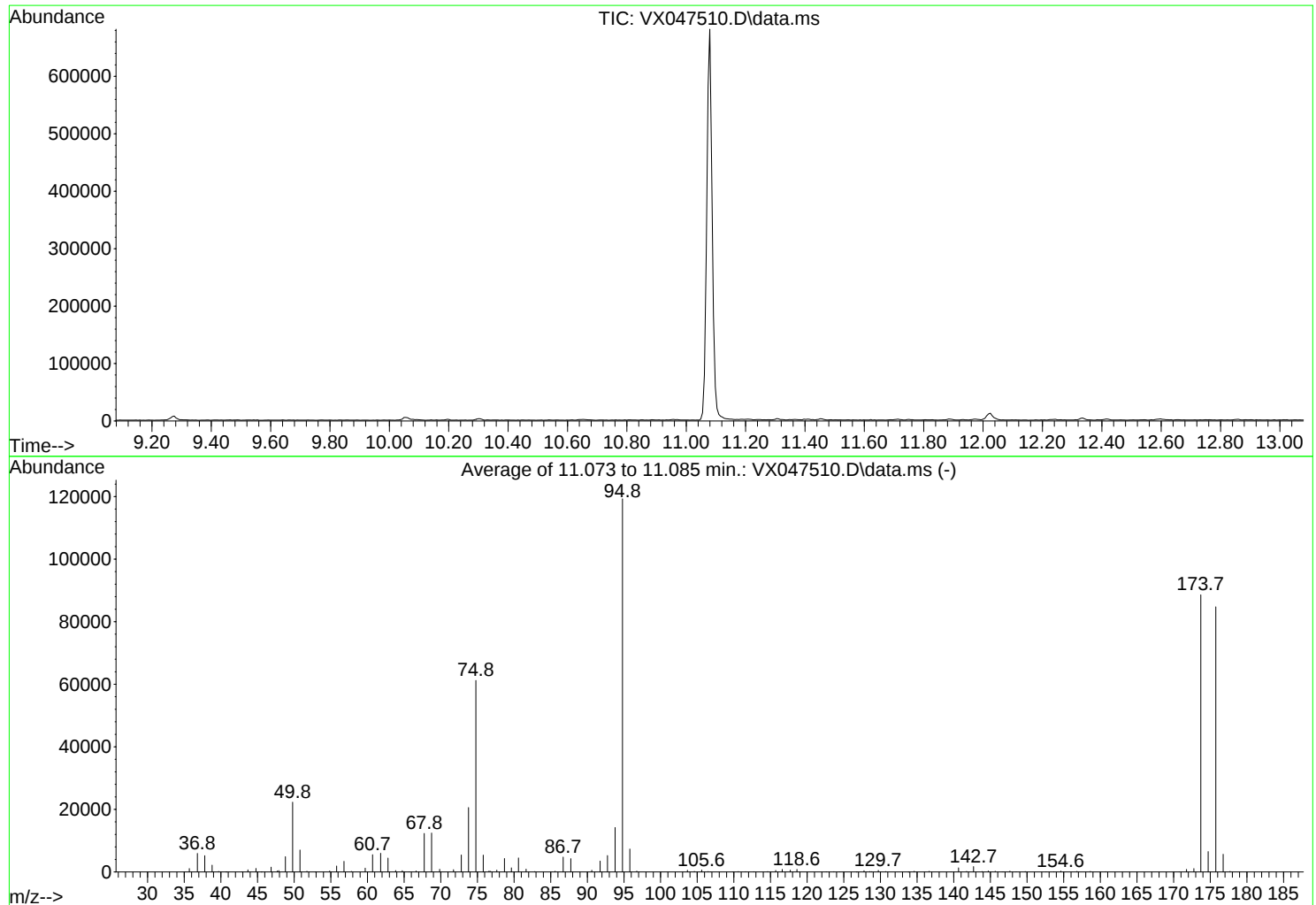
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	19.7	19453	PASS
75	95	30	60	51.1	50448	PASS
95	95	100	100	100.0	98781	PASS
96	95	5	9	6.6	6551	PASS
173	174	0.00	2	1.2	839	PASS
174	95	50	100	71.3	70411	PASS
175	174	5	9	7.6	5361	PASS
176	174	95	101	97.7	68784	PASS
177	176	5	9	6.5	4464	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
Data File : VX047510.D
Acq On : 25 Aug 2025 08:12
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\82X081525W.M
Title : SW846 8260
Last Update : Mon Aug 18 04:18:28 2025



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

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	18.7	22289	PASS
75	95	30	60	51.3	61211	PASS
95	95	100	100	100.0	119288	PASS
96	95	5	9	6.2	7337	PASS
173	174	0.00	2	1.2	1104	PASS
174	95	50	100	74.3	88611	PASS
175	174	5	9	7.4	6518	PASS
176	174	95	101	95.6	84741	PASS
177	176	5	9	6.7	5649	PASS

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0822WBL01		SDG No.:	Q2939
Lab Sample ID:	VX0822WBL01		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
VX047486.D	1	08/22/25 10:53	VX082225

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:	VX0822WBL01		SDG No.:	Q2939
Lab Sample ID:	VX0822WBL01		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
VX047486.D	1	08/22/25 10:53	VX082225

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:	VX0822WBL01		SDG No.:	Q2939
Lab Sample ID:	VX0822WBL01		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
VX047486.D	1	08/22/25 10:53	VX082225

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	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	5.562			
540-36-3	1,4-Difluorobenzene	425000	6.769			
3114-55-4	Chlorobenzene-d5	433000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	222000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0822WBL01			SDG No.:	Q2939
Lab Sample ID:	VX0822WBL01			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
VX047486.D	1	08/22/25 10:53	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082225\
 Data File : VX047486.D
 Acq On : 22 Aug 2025 10:53
 Operator : JC/MD
 Sample : VX0822WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBL01

Quant Time: Aug 25 01:24:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	210866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	425323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	221983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170925	57.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.840%
35) Dibromofluoromethane	5.397	113	139968	50.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.647	98	486341	49.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	205709	56.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.000%

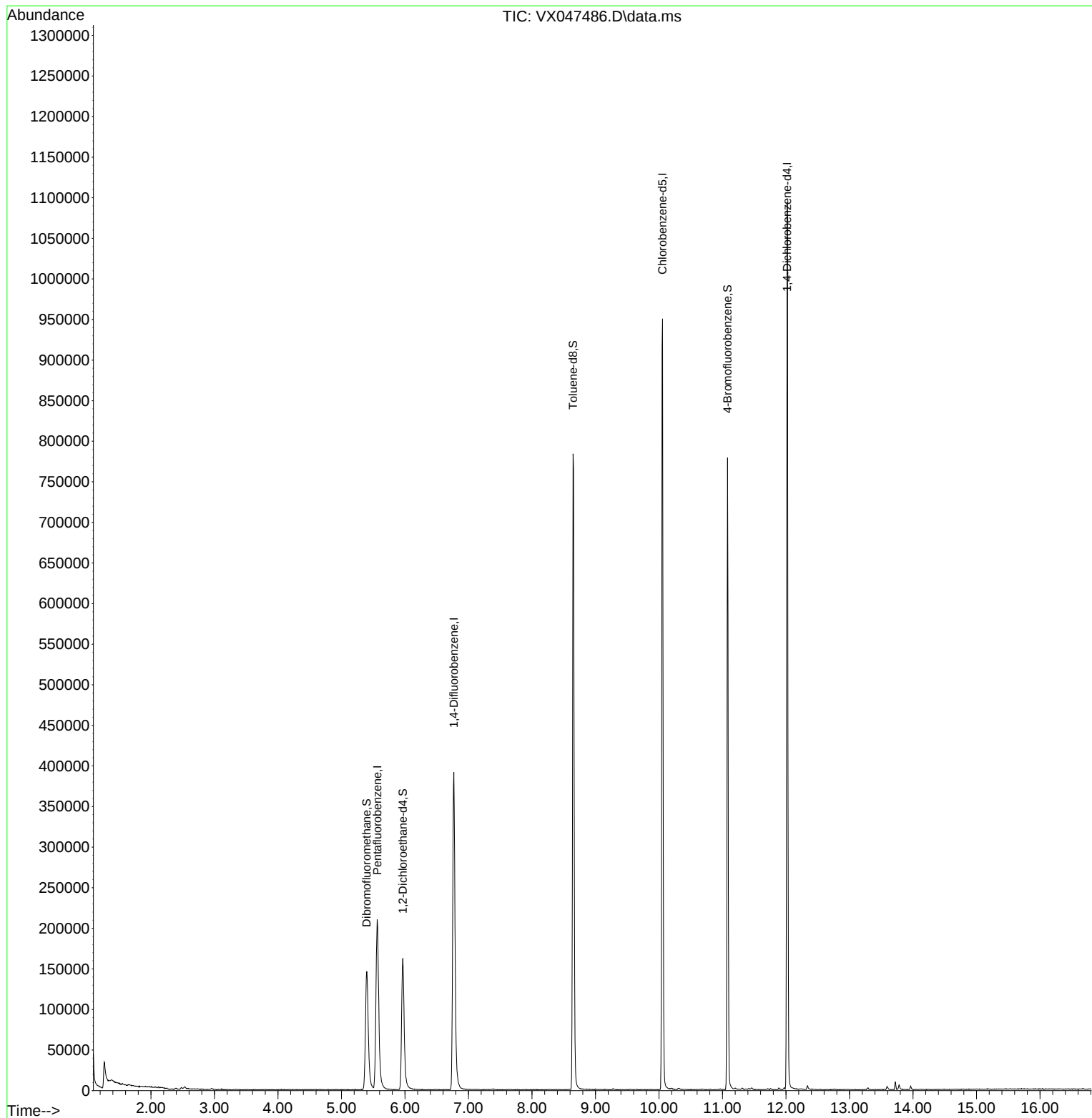
Target Compounds	Qvalue

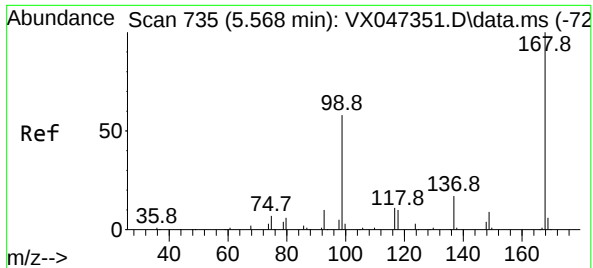
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047486.D
Acq On : 22 Aug 2025 10:53
Operator : JC/MD
Sample : VX0822WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBL01

Quant Time: Aug 25 01:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

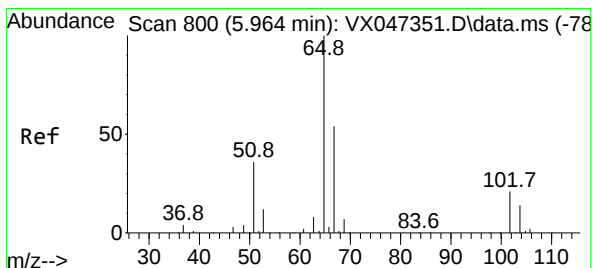
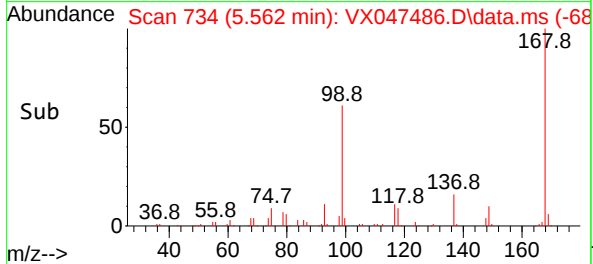
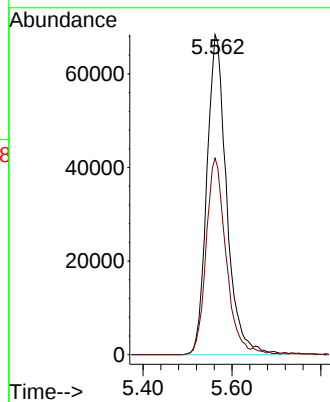
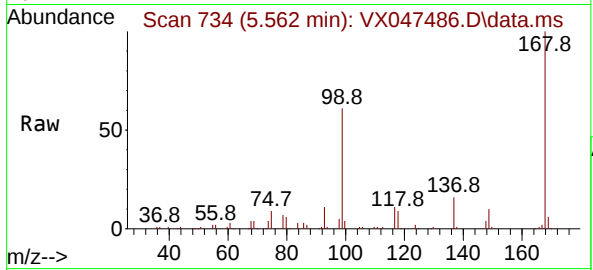




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

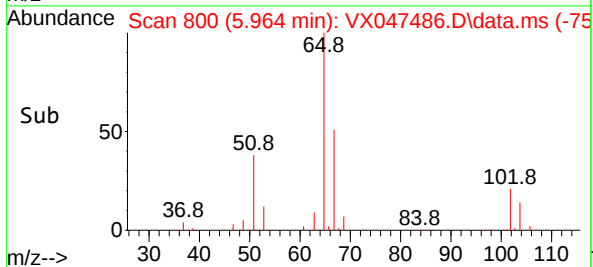
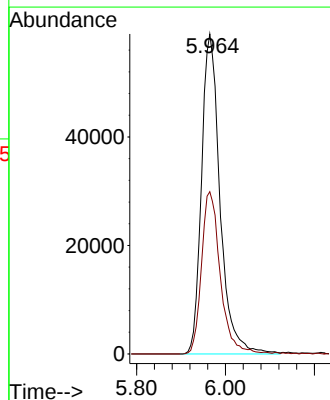
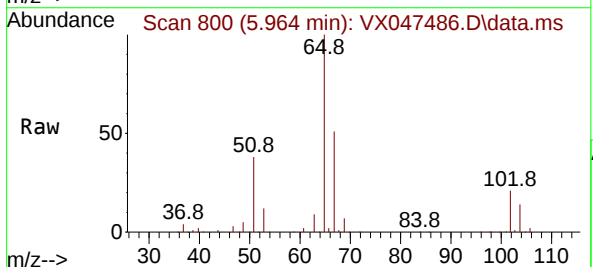
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBL01

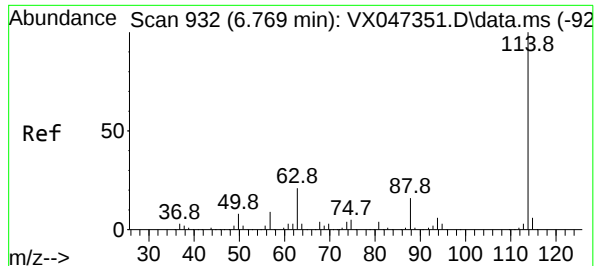
Tgt Ion:168 Resp: 210866
Ion Ratio Lower Upper
168 100
99 61.4 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 57.918 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

Tgt Ion: 65 Resp: 170925
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047486.D

Acq: 22 Aug 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBL01

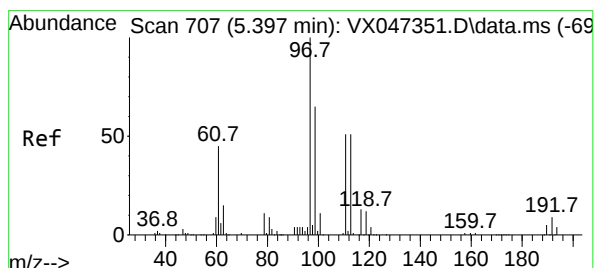
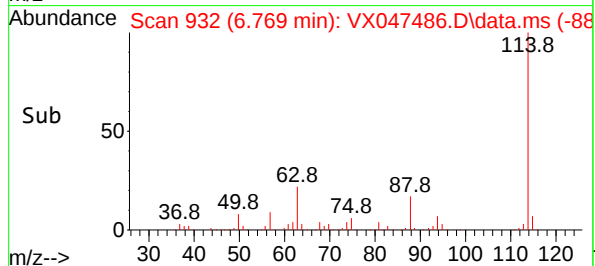
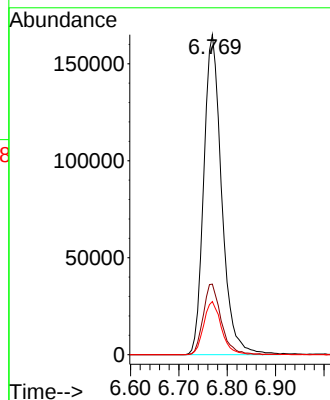
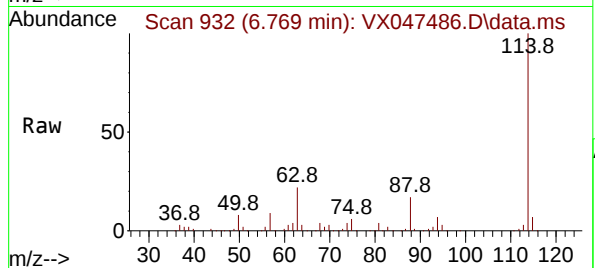
Tgt Ion:114 Resp: 425323

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.4

88 16.6 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.706 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047486.D

Acq: 22 Aug 2025 10:53

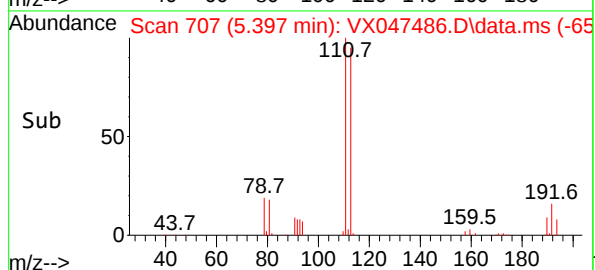
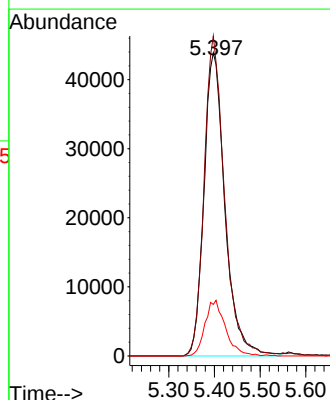
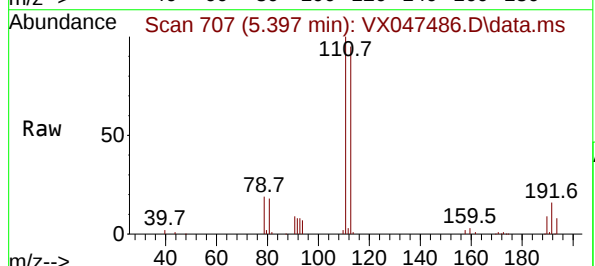
Tgt Ion:113 Resp: 139968

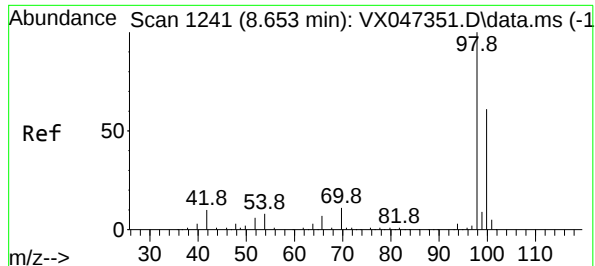
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

192 17.9 14.1 21.1





#50

Toluene-d8

Concen: 49.293 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047486.D

Acq: 22 Aug 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

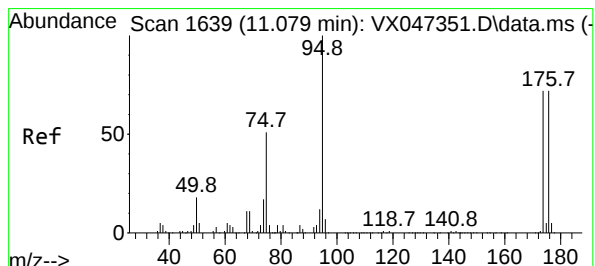
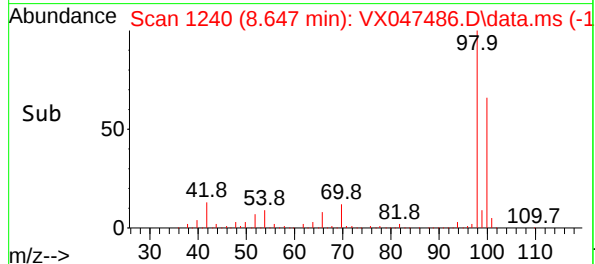
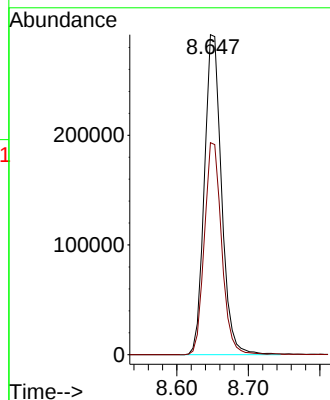
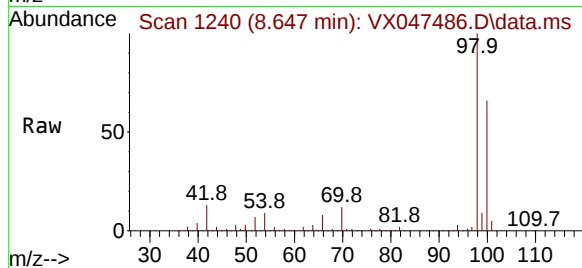
VX0822WBL01

Tgt Ion: 98 Resp: 486341

Ion Ratio Lower Upper

98 100

100 66.6 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 56.500 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047486.D

Acq: 22 Aug 2025 10:53

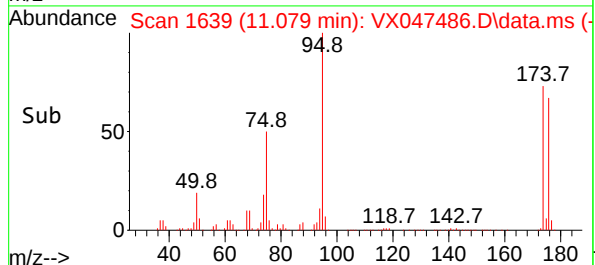
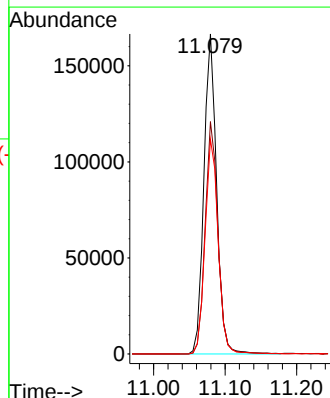
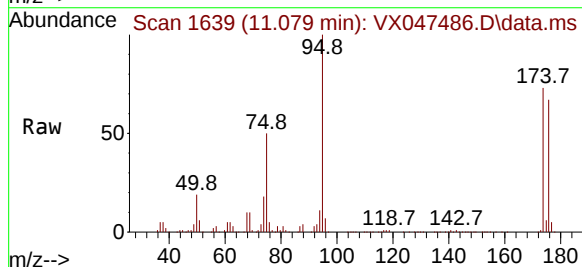
Tgt Ion: 95 Resp: 205709

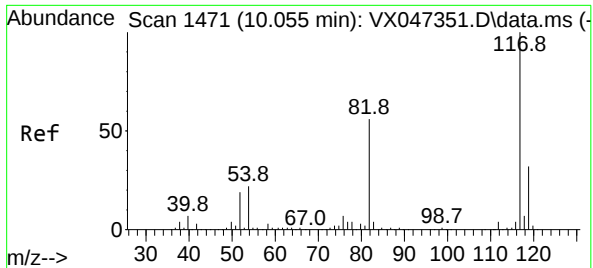
Ion Ratio Lower Upper

95 100

174 73.3 0.0 148.0

176 69.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047486.D

Acq: 22 Aug 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBL01

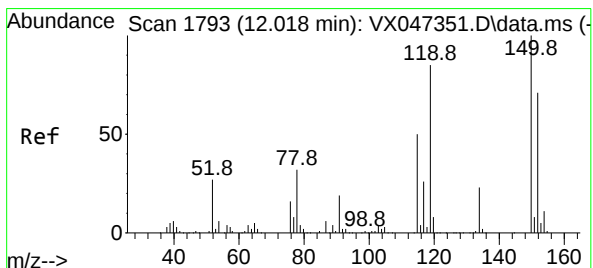
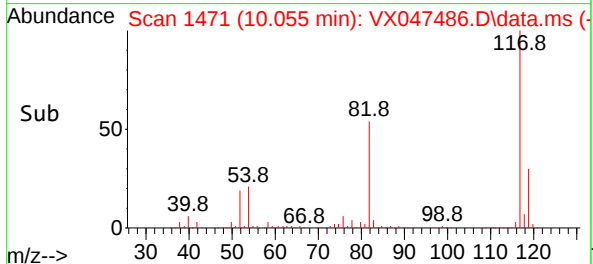
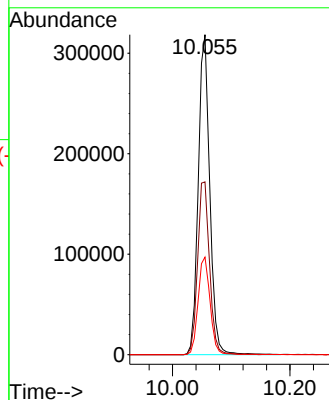
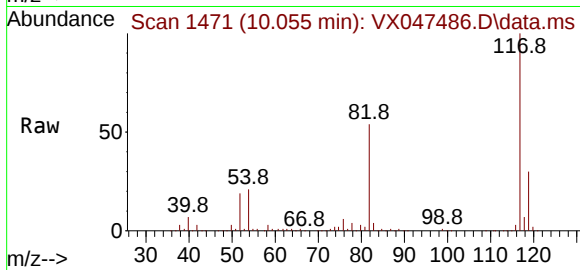
Tgt Ion:117 Resp: 433100

Ion Ratio Lower Upper

117 100

82 54.0 45.0 67.4

119 30.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047486.D

Acq: 22 Aug 2025 10:53

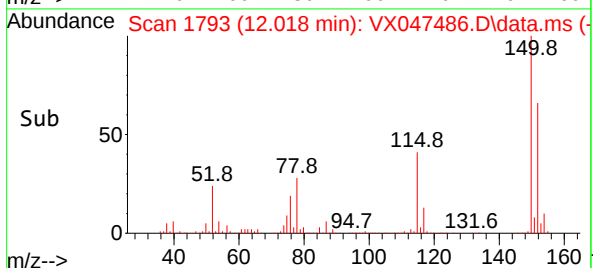
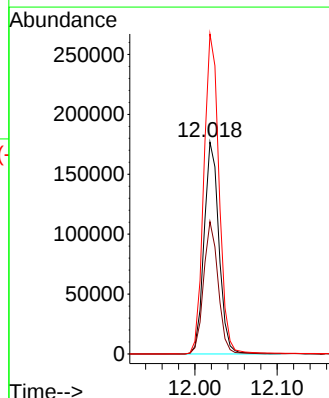
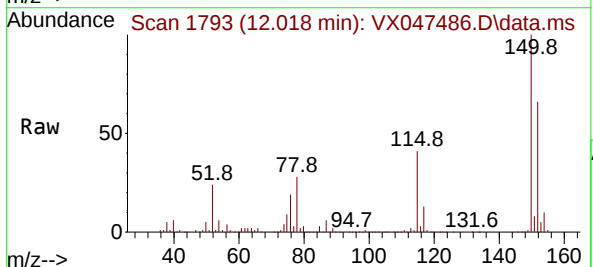
Tgt Ion:152 Resp: 221983

Ion Ratio Lower Upper

152 100

115 61.4 44.6 133.8

150 155.9 0.0 349.8



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0825WBL01	SDG No.:	Q2939
Lab Sample ID:	VX0825WBL01	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
VX047513.D	1	08/25/25 11:04	VX082525

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:	VX0825WBL01		SDG No.:	Q2939
Lab Sample ID:	VX0825WBL01		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
VX047513.D	1	08/25/25 11:04	VX082525

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:	VX0825WBL01			SDG No.:	Q2939
Lab Sample ID:	VX0825WBL01			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
VX047513.D	1	08/25/25 11:04	VX082525

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	54.7		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.6		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289000	5.562			
540-36-3	1,4-Difluorobenzene	581000	6.769			
3114-55-4	Chlorobenzene-d5	569000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	285000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0825WBL01		SDG No.:	Q2939
Lab Sample ID:	VX0825WBL01		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
VX047513.D	1	08/25/25 11:04	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082525\
 Data File : VX047513.D
 Acq On : 25 Aug 2025 11:04
 Operator : JC/MD
 Sample : VX0825WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBL01

Quant Time: Aug 26 00:35:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	288899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	581002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	285001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221014	54.663	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.320%
35) Dibromofluoromethane	5.397	113	187003	49.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	8.647	98	655089	48.605	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	268429	53.972	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.940%

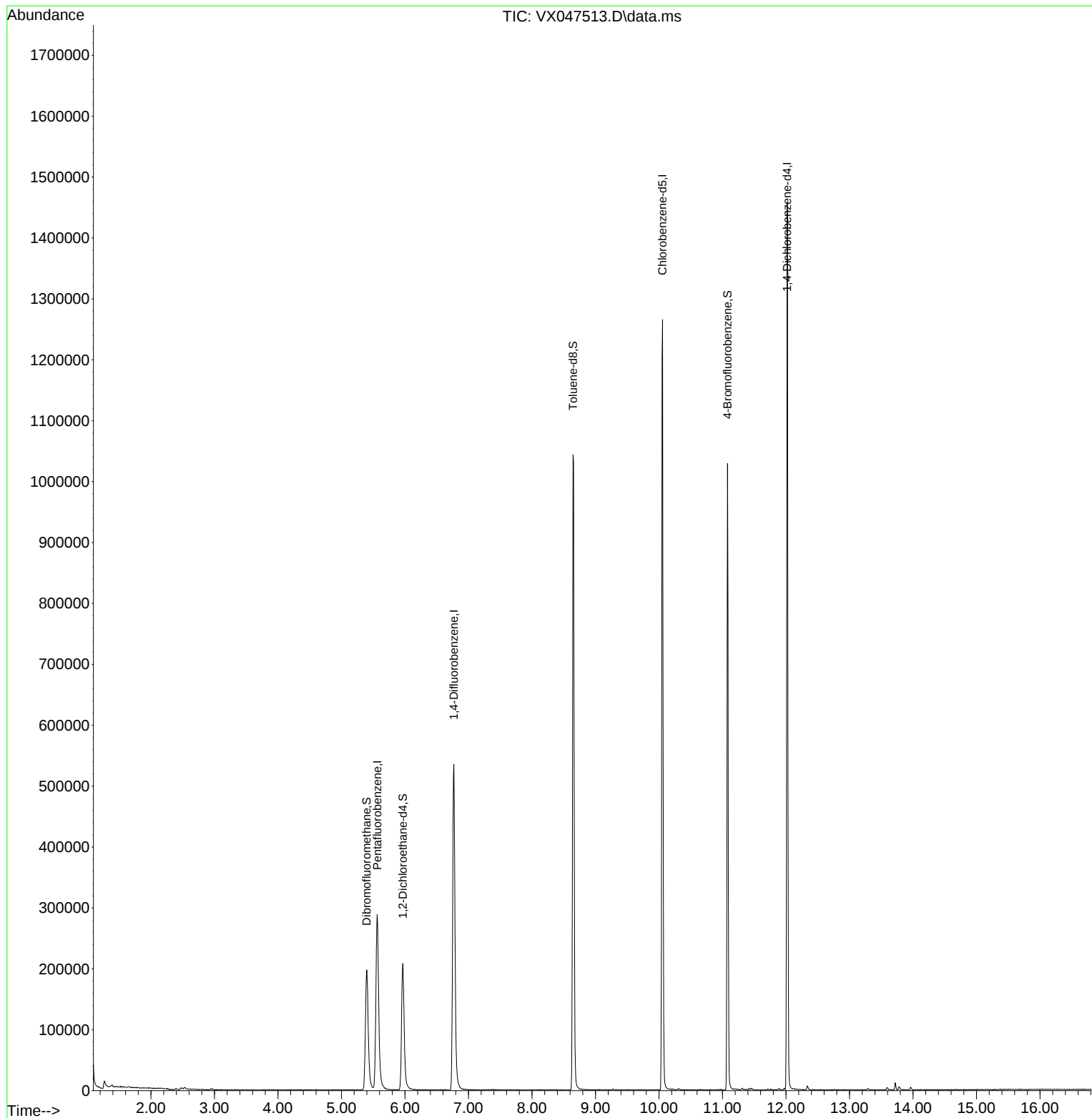
Target Compounds	Qvalue

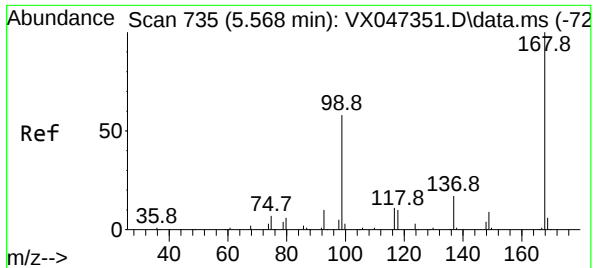
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
Data File : VX047513.D
Acq On : 25 Aug 2025 11:04
Operator : JC/MD
Sample : VX0825WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

Quant Time: Aug 26 00:35:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

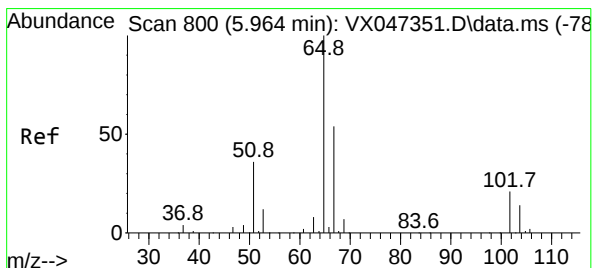
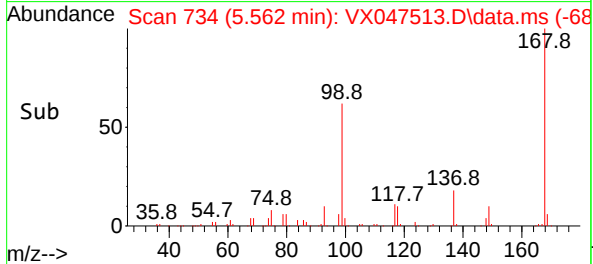
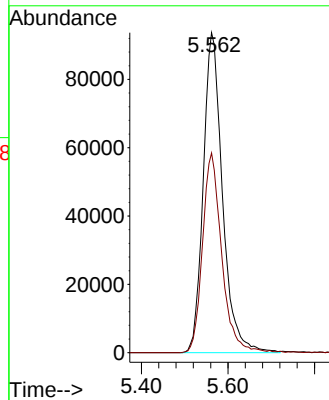
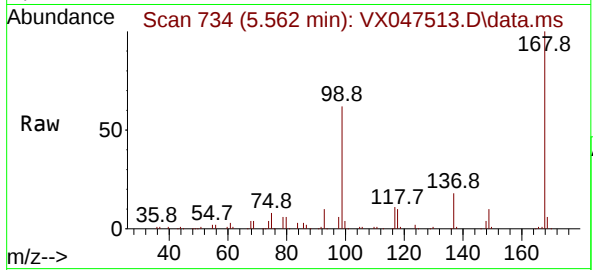




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047513.D
Acq: 25 Aug 2025 11:04

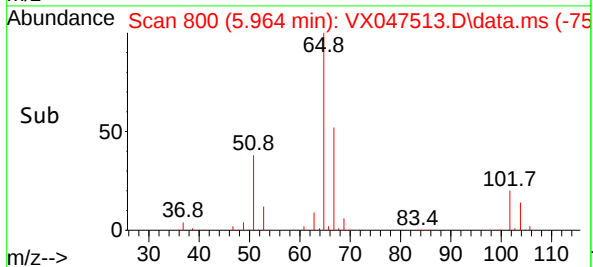
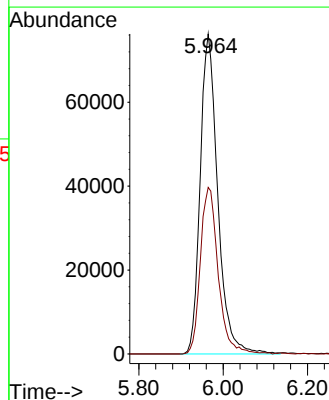
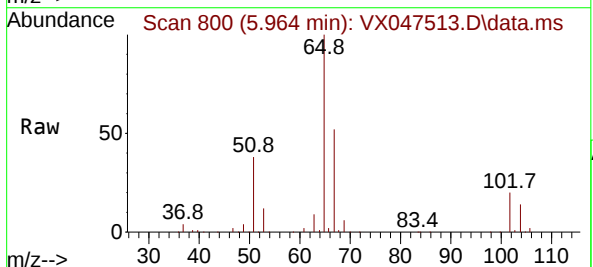
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

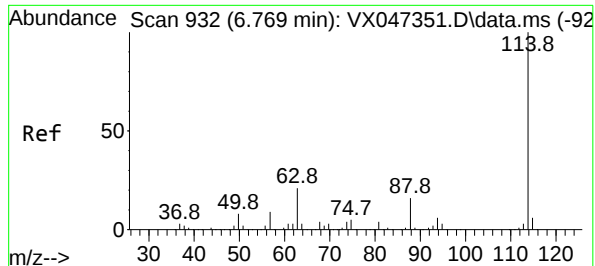
Tgt Ion:168 Resp: 288899
Ion Ratio Lower Upper
168 100
99 62.4 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 54.663 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047513.D
Acq: 25 Aug 2025 11:04

Tgt Ion: 65 Resp: 221014
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047513.D

Acq: 25 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0825WBL01

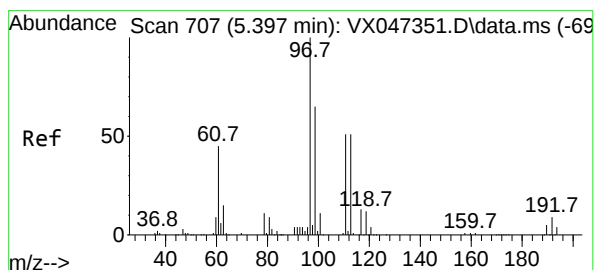
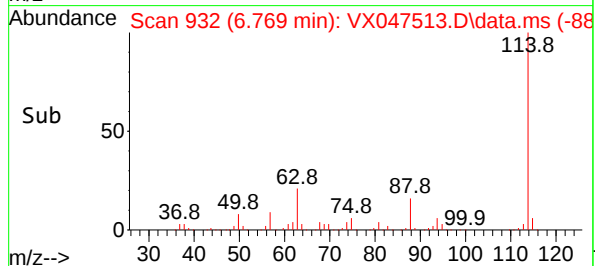
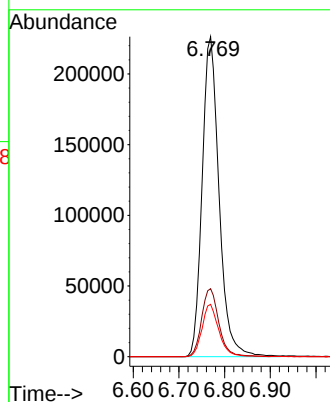
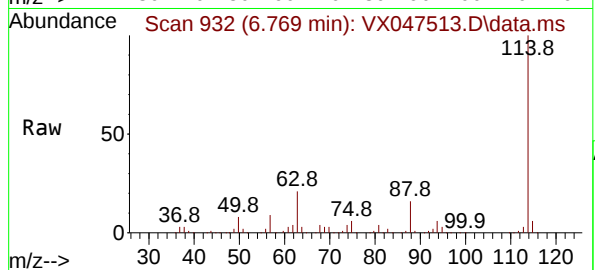
Tgt Ion:114 Resp: 581002

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 16.4 0.0 33.0



#35

Dibromofluoromethane

Concen: 49.593 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047513.D

Acq: 25 Aug 2025 11:04

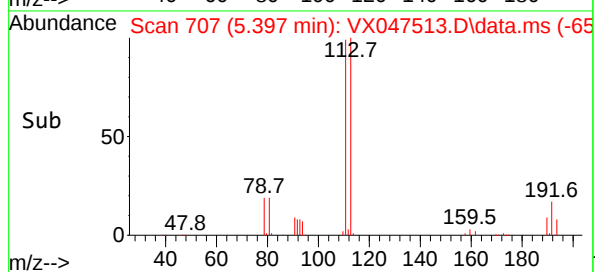
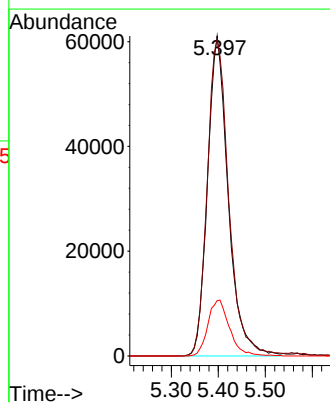
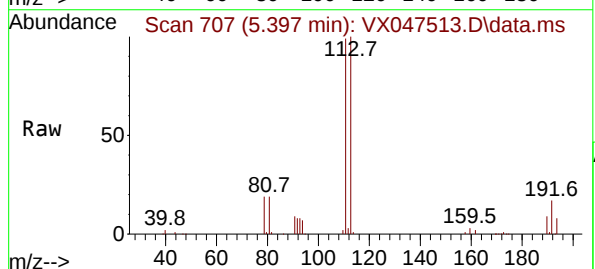
Tgt Ion:113 Resp: 187003

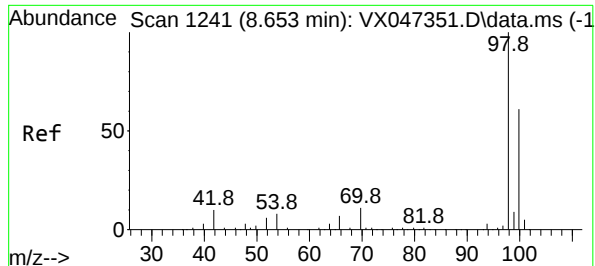
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

192 18.2 14.1 21.1





#50

Toluene-d8

Concen: 48.605 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047513.D

Acq: 25 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

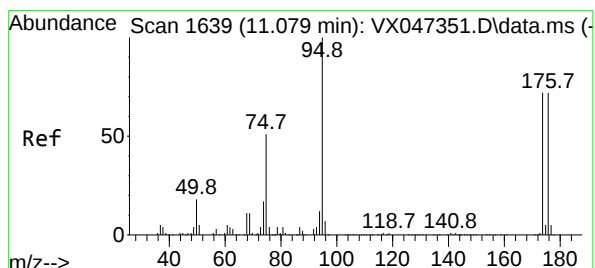
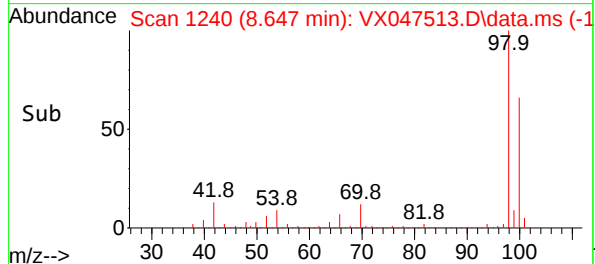
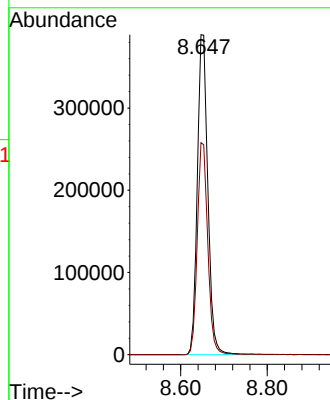
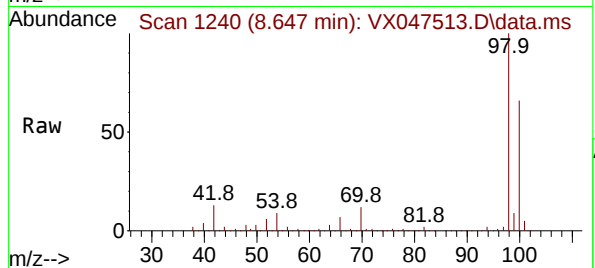
VX0825WBL01

Tgt Ion: 98 Resp: 655089

Ion Ratio Lower Upper

98 100

100 66.0 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 53.972 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047513.D

Acq: 25 Aug 2025 11:04

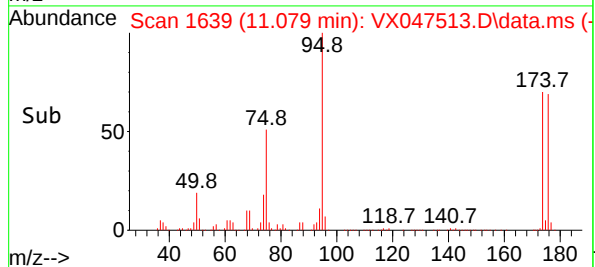
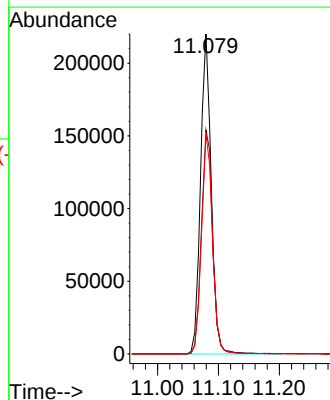
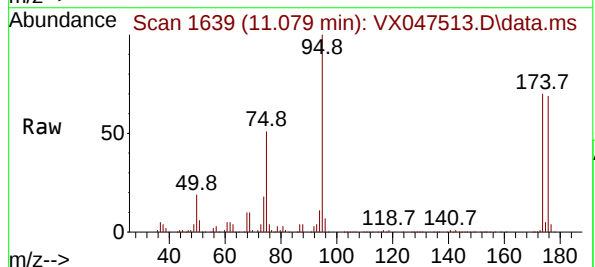
Tgt Ion: 95 Resp: 268429

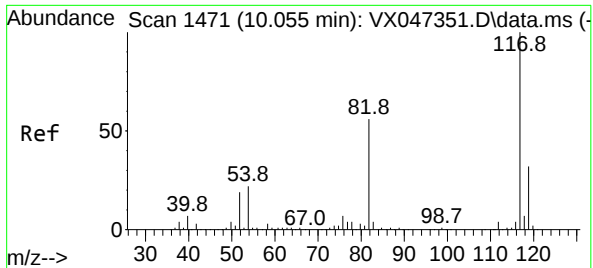
Ion Ratio Lower Upper

95 100

174 73.6 0.0 148.0

176 70.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047513.D

Acq: 25 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0825WBL01

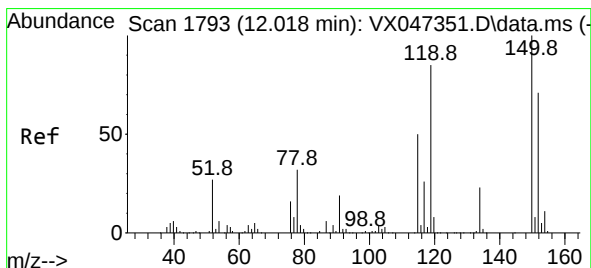
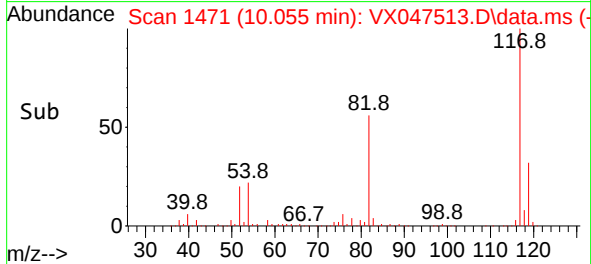
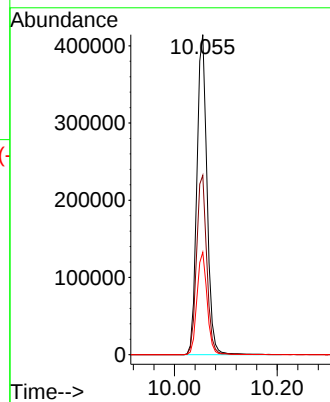
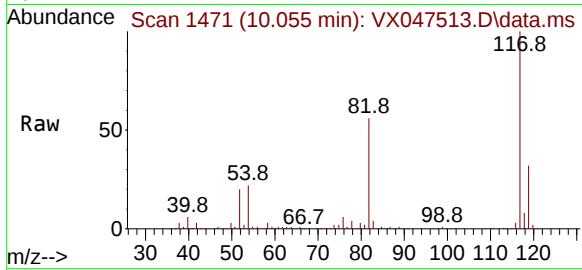
Tgt Ion:117 Resp: 569460

Ion Ratio Lower Upper

117 100

82 56.1 45.0 67.4

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047513.D

Acq: 25 Aug 2025 11:04

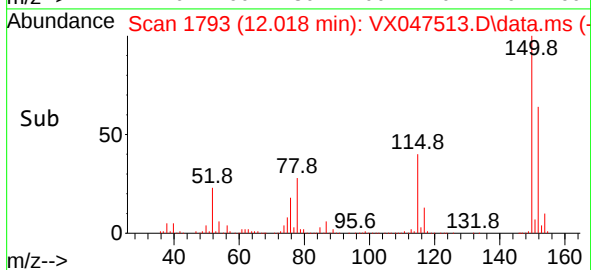
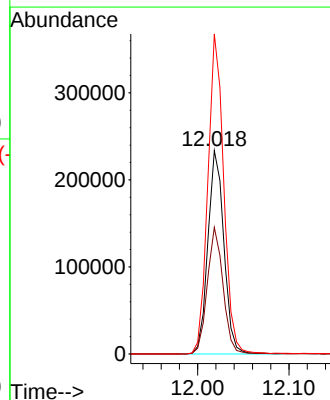
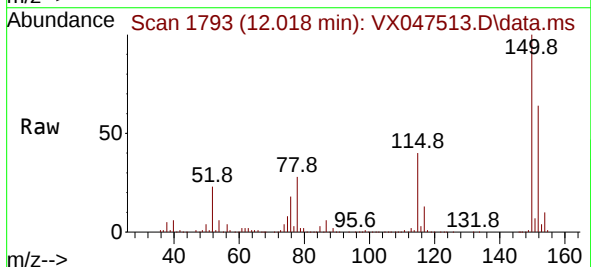
Tgt Ion:152 Resp: 285001

Ion Ratio Lower Upper

152 100

115 61.3 44.6 133.8

150 156.0 0.0 349.8



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0822WBS01			SDG No.:	Q2939
Lab Sample ID:	VX0822WBS01			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
VX047487.D	1	08/22/25 11:22	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.3		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.6		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	16.4		0.31	1.00	ug/L
74-83-9	Bromomethane	17.4		1.40	5.00	ug/L
75-00-3	Chloroethane	18.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	120		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
107-02-8	Acrolein	120		7.10	25.0	ug/L
107-13-1	Acrylonitrile	110		0.83	5.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.5		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	100		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.1		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.9		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.2		0.22	1.00	ug/L
67-66-3	Chloroform	20.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.0		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0822WBS01		SDG No.:	Q2939
Lab Sample ID:	VX0822WBS01		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
VX047487.D	1	08/22/25 11:22	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.1		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.7		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.5		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.5		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	89.6		0.30	5.00	ug/L
591-78-6	2-Hexanone	98.3		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.0		0.19	1.00	ug/L
67-72-1	Hexachloroethane	16.1		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.1		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	18.5		0.12	1.00	ug/L
100-42-5	Styrene	19.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.3		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	18.2		0.35	1.00	ug/L
108-86-1	Bromobenzene	18.3		0.24	1.00	ug/L
103-65-1	n-propylbenzene	17.5		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	17.8		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0822WBS01	SDG No.:	Q2939
Lab Sample ID:	VX0822WBS01	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
VX047487.D	1	08/22/25 11:22	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	17.8		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	17.9		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	17.7		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	17.6		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	17.4		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	17.3		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	16.6		0.30	1.00	ug/L
91-20-3	Naphthalene	17.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	46.7		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	232000	5.556			
540-36-3	1,4-Difluorobenzene	415000	6.763			
3114-55-4	Chlorobenzene-d5	390000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	202000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0822WBS01	SDG No.:	Q2939
Lab Sample ID:	VX0822WBS01	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
VX047487.D	1	08/22/25 11:22	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082225\
 Data File : VX047487.D
 Acq On : 22 Aug 2025 11:22
 Operator : JC/MD
 Sample : VX0822WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	232449	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	415073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	202080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171028	52.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.140%			
35) Dibromofluoromethane	5.391	113	130007	48.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.520%			
50) Toluene-d8	8.647	98	449419	46.675	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.360%			
62) 4-Bromofluorobenzene	11.079	95	176754	49.746	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	51174	17.270	ug/l	99
3) Chloromethane	1.313	50	44538	16.708	ug/l	98
4) Vinyl Chloride	1.392	62	58849	17.589	ug/l	93
5) Bromomethane	1.630	94	23511	17.397	ug/l	94
6) Chloroethane	1.703	64	38529	18.821	ug/l	99
7) Trichlorofluoromethane	1.904	101	91060	18.400	ug/l	97
8) Diethyl Ether	2.148	74	36013	20.666	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	53596	18.669	ug/l	99
10) Methyl Iodide	2.471	142	66149	13.446	ug/l	97
11) Tert butyl alcohol	2.953	59	32571	115.088	ug/l	99
12) 1,1-Dichloroethene	2.337	96	54939	18.772	ug/l	96
13) Acrolein	2.246	56	69385	116.141	ug/l	100
14) Allyl chloride	2.678	41	99953	19.663	ug/l	98
15) Acrylonitrile	3.081	53	144182	105.431	ug/l	99
16) Acetone	2.392	43	128916	105.426	ug/l	98
17) Carbon Disulfide	2.526	76	155587	17.617	ug/l	99
18) Methyl Acetate	2.709	43	70950	22.390	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	186480	20.944	ug/l	97
20) Methylene Chloride	2.800	84	66440	20.519	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	58539	18.845	ug/l	97
22) Diisopropyl ether	3.770	45	215371	21.434	ug/l	99
23) Vinyl Acetate	3.733	43	859031	104.303	ug/l	100
24) 1,1-Dichloroethane	3.623	63	113640	20.009	ug/l	97
25) 2-Butanone	4.562	43	176691	110.329	ug/l	99
26) 2,2-Dichloropropane	4.483	77	85341	19.909	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	72888	20.146	ug/l	98
28) Bromochloromethane	4.904	49	52453	22.194	ug/l	98
29) Tetrahydrofuran	5.026	42	104993	101.432	ug/l	98
30) Chloroform	5.099	83	121232	20.915	ug/l	98
31) Cyclohexane	5.483	56	94533	18.056	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	96493	19.341	ug/l	98
36) 1,1-Dichloropropene	5.696	75	76562	18.004	ug/l	99
37) Ethyl Acetate	4.721	43	72556	16.435	ug/l	97
38) Carbon Tetrachloride	5.684	117	83963	18.068	ug/l	98
39) Methylcyclohexane	7.385	83	87969	16.584	ug/l	99
40) Benzene	6.044	78	244459	19.206	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047487.D
 Acq On : 22 Aug 2025 11:22
 Operator : JC/MD
 Sample : VX0822WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	36243	19.468	ug/l	97
42) 1,2-Dichloroethane	6.086	62	89482	19.847	ug/l	99
43) Isopropyl Acetate	6.348	43	126571	19.957	ug/l	99
44) Trichloroethene	7.129	130	60557	18.581	ug/l	100
45) 1,2-Dichloropropane	7.434	63	64005	20.072	ug/l	95
46) Dibromomethane	7.580	93	45646	19.717	ug/l	97
47) Bromodichloromethane	7.824	83	96072	20.018	ug/l	98
48) Methyl methacrylate	7.696	41	64383	19.558	ug/l	99
49) 1,4-Dioxane	7.690	88	12964	405.097	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	366900	100.531	ug/l	97
52) Toluene	8.720	92	151845	19.306	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	85073	20.311	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	96096	20.269	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	61171	20.484	ug/l	98
56) Ethyl methacrylate	9.116	69	88107	20.012	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104397	20.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	176711	89.599	ug/l	98
59) 2-Hexanone	9.433	43	248238	98.330	ug/l	99
60) Dibromochloromethane	9.519	129	72418	20.406	ug/l	98
61) 1,2-Dibromoethane	9.610	107	60377	19.607	ug/l	99
64) Tetrachloroethene	9.275	164	50131	17.750	ug/l	98
65) Chlorobenzene	10.079	112	174653	18.823	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	59666	19.022	ug/l	98
67) Ethyl Benzene	10.189	91	289354	18.118	ug/l	100
68) m/p-Xylenes	10.299	106	221576	37.209	ug/l	100
69) o-Xylene	10.640	106	106294	18.548	ug/l	100
70) Styrene	10.653	104	186142	19.224	ug/l	99
71) Bromoform	10.799	173	44798	19.011	ug/l #	99
73) Isopropylbenzene	10.957	105	273545	17.298	ug/l	99
74) N-amyl acetate	10.842	43	104769	17.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87283	18.799	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	67433m	18.194	ug/l	
77) Bromobenzene	11.195	156	70615	18.287	ug/l	99
78) n-propylbenzene	11.299	91	330035	17.475	ug/l	100
79) 2-Chlorotoluene	11.360	91	202982	17.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	231822	17.817	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	11110	18.845	ug/l	97
82) 4-Chlorotoluene	11.451	91	240627	17.879	ug/l	100
83) tert-Butylbenzene	11.713	119	229135	17.652	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	237410	18.246	ug/l	99
85) sec-Butylbenzene	11.890	105	283969	17.649	ug/l	99
86) p-Isopropyltoluene	12.006	119	236780	17.391	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	131601	17.839	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	134836	17.771	ug/l	98
89) n-Butylbenzene	12.329	91	219671	17.347	ug/l	100
90) Hexachloroethane	12.536	117	38492	16.115	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	127172	18.162	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16058	17.884	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	81591	17.381	ug/l	98
94) Hexachlorobutadiene	13.719	225	27743	16.604	ug/l	97
95) Naphthalene	13.774	128	240627	17.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	77660	17.551	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047487.D
Acq On : 22 Aug 2025 11:22
Operator : JC/MD
Sample : VX0822WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:24:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

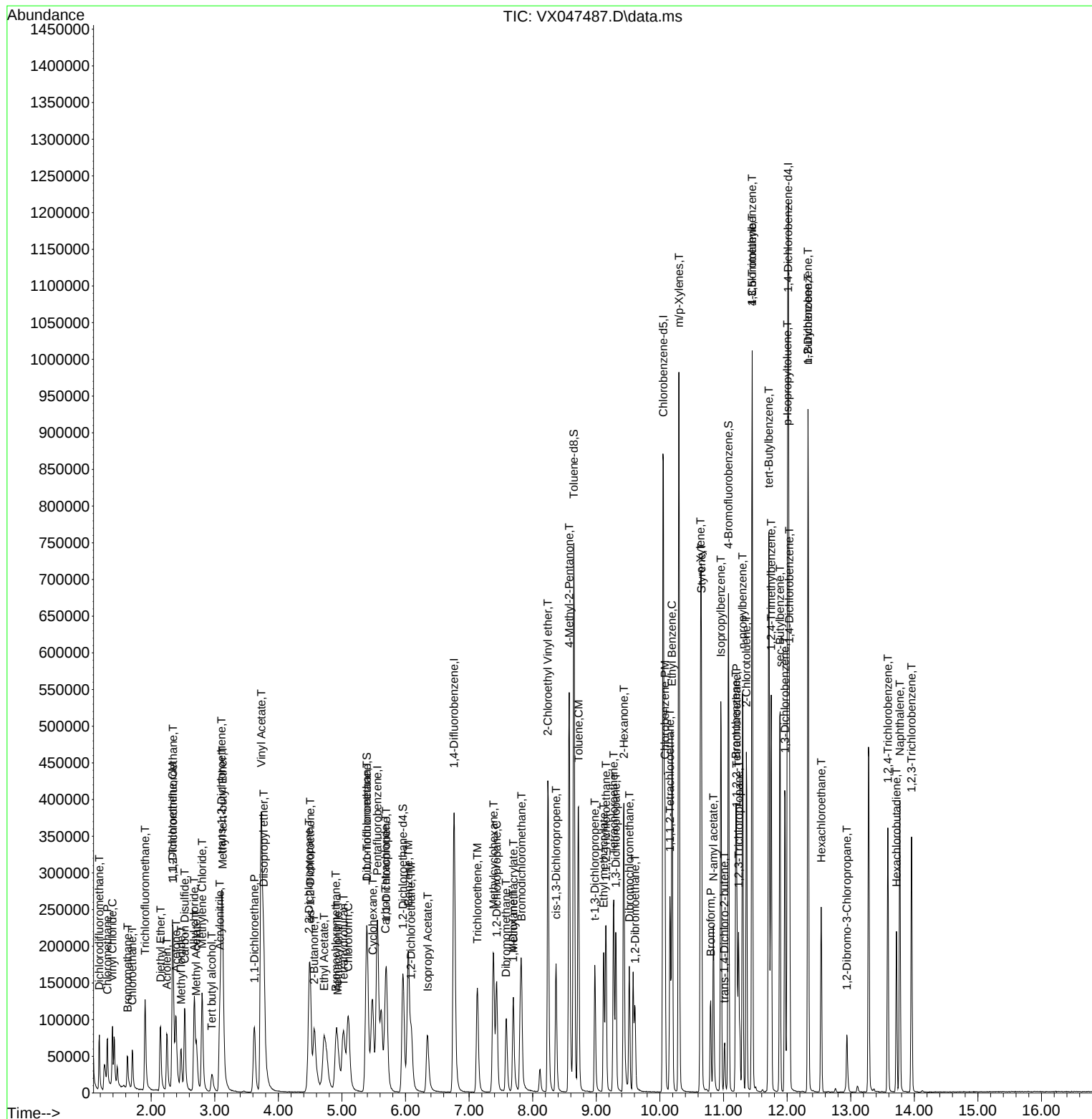
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047487.D
Acq On : 22 Aug 2025 11:22
Operator : JC/MD
Sample : VX0822WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Manual Integrations

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:24:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0825WBS01	SDG No.:	Q2939
Lab Sample ID:	VX0825WBS01	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
VX047514.D	1	08/25/25 12:03	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.9		0.22	1.00	ug/L
74-87-3	Chloromethane	16.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.8		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	16.8		0.31	1.00	ug/L
74-83-9	Bromomethane	17.3		1.40	5.00	ug/L
75-00-3	Chloroethane	16.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.7		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	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
107-02-8	Acrolein	87.6		7.10	25.0	ug/L
107-13-1	Acrylonitrile	93.5		0.83	5.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.0		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	21.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.6		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	93.3		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.4		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.9		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	18.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	27.5		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.4		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0825WBS01		SDG No.:	Q2939
Lab Sample ID:	VX0825WBS01		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
VX047514.D	1	08/25/25 12:03	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.7		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.7		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.5		0.68	5.00	ug/L
108-88-3	Toluene	18.4		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.9		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	95.8		0.30	5.00	ug/L
591-78-6	2-Hexanone	96.3		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	17.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.6		0.19	1.00	ug/L
67-72-1	Hexachloroethane	17.6		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.9		0.24	2.00	ug/L
95-47-6	o-Xylene	18.4		0.12	1.00	ug/L
100-42-5	Styrene	19.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.0		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	18.0		0.35	1.00	ug/L
108-86-1	Bromobenzene	18.6		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.3		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	18.2		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0825WBS01			SDG No.:	Q2939
Lab Sample ID:	VX0825WBS01			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
VX047514.D	1	08/25/25 12:03	VX082525

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	17.9		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	18.4		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	18.6		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	18.3		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.4		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	18.3		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.0		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	18.3		0.30	1.00	ug/L
91-20-3	Naphthalene	18.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.9		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	5.556			
540-36-3	1,4-Difluorobenzene	394000	6.763			
3114-55-4	Chlorobenzene-d5	358000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	182000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0825WBS01			SDG No.:	Q2939
Lab Sample ID:	VX0825WBS01			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
VX047514.D	1	08/25/25 12:03	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082525\
 Data File : VX047514.D
 Acq On : 25 Aug 2025 12:03
 Operator : JC/MD
 Sample : VX0825WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	227627	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	393751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	182091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168592	52.921	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.840%			
35) Dibromofluoromethane	5.391	113	134691	52.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.647	98	464679	50.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.740%			
62) 4-Bromofluorobenzene	11.079	95	182348	54.099	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	49095	16.919	ug/l	97
3) Chloromethane	1.307	50	41718	15.982	ug/l	91
4) Vinyl Chloride	1.392	62	55011	16.790	ug/l	95
5) Bromomethane	1.630	94	22913	17.314	ug/l	99
6) Chloroethane	1.703	64	33866	16.894	ug/l	92
7) Trichlorofluoromethane	1.904	101	85878	17.720	ug/l	99
8) Diethyl Ether	2.142	74	30636	17.953	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	51292	18.245	ug/l	99
10) Methyl Iodide	2.471	142	60622	12.583	ug/l	96
11) Tert butyl alcohol	2.953	59	29133	105.121	ug/l	100
12) 1,1-Dichloroethene	2.337	96	50469	17.610	ug/l	96
13) Acrolein	2.246	56	51249	87.601	ug/l	97
14) Allyl chloride	2.678	41	89872	18.054	ug/l	98
15) Acrylonitrile	3.081	53	125236	93.517	ug/l	99
16) Acetone	2.392	43	129648	108.270	ug/l	97
17) Carbon Disulfide	2.526	76	138738	16.042	ug/l	100
18) Methyl Acetate	2.715	43	67695	21.816	ug/l	95
19) Methyl tert-butyl Ether	3.124	73	166841	19.136	ug/l	95
20) Methylene Chloride	2.800	84	58700	18.512	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	53574	17.612	ug/l	98
22) Diisopropyl ether	3.770	45	192687	19.583	ug/l	96
23) Vinyl Acetate	3.733	43	752162	93.262	ug/l	99
24) 1,1-Dichloroethane	3.623	63	103102	18.538	ug/l	98
25) 2-Butanone	4.568	43	161121	102.738	ug/l	99
26) 2,2-Dichloropropane	4.483	77	80502	19.178	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	65648	18.529	ug/l	100
28) Bromochloromethane	4.910	49	63733	27.538	ug/l	100
29) Tetrahydrofuran	5.026	42	95553	94.268	ug/l	98
30) Chloroform	5.105	83	108630	19.138	ug/l	95
31) Cyclohexane	5.477	56	89040	17.367	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	90282	18.479	ug/l	98
36) 1,1-Dichloropropene	5.702	75	70079	17.372	ug/l	97
37) Ethyl Acetate	4.721	43	70187	16.759	ug/l	97
38) Carbon Tetrachloride	5.684	117	78694	17.851	ug/l	95
39) Methylcyclohexane	7.379	83	85093	16.911	ug/l	97
40) Benzene	6.044	78	223335	18.496	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047514.D
 Acq On : 25 Aug 2025 12:03
 Operator : JC/MD
 Sample : VX0825WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	32930	18.646	ug/l	96
42) 1,2-Dichloroethane	6.092	62	80660	18.859	ug/l	100
43) Isopropyl Acetate	6.342	43	110480	18.363	ug/l	99
44) Trichloroethene	7.129	130	54279	17.556	ug/l	97
45) 1,2-Dichloropropane	7.434	63	56522	18.685	ug/l	98
46) Dibromomethane	7.580	93	41021	18.679	ug/l	98
47) Bromodichloromethane	7.824	83	85767	18.839	ug/l	99
48) Methyl methacrylate	7.696	41	55667	17.826	ug/l	99
49) 1,4-Dioxane	7.684	88	12622	415.768	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	330514	95.465	ug/l	98
52) Toluene	8.720	92	137180	18.386	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	75271	18.944	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	85180	18.940	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	52503	18.534	ug/l	96
56) Ethyl methacrylate	9.116	69	77337	18.517	ug/l	97
57) 1,3-Dichloropropane	9.305	76	91170	18.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	180525	95.847	ug/l	99
59) 2-Hexanone	9.427	43	230570	96.277	ug/l	99
60) Dibromochloromethane	9.519	129	64637	19.199	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54740	18.739	ug/l	97
64) Tetrachloroethene	9.275	164	45608	17.613	ug/l	99
65) Chlorobenzene	10.080	112	157124	18.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53393	18.566	ug/l	99
67) Ethyl Benzene	10.189	91	265282	18.118	ug/l	99
68) m/p-Xylenes	10.299	106	201484	36.904	ug/l	98
69) o-Xylene	10.640	106	96490	18.365	ug/l	99
70) Styrene	10.653	104	170430	19.198	ug/l	99
71) Bromoform	10.799	173	40995	18.975	ug/l #	99
73) Isopropylbenzene	10.957	105	254687	17.873	ug/l	99
74) N-amyl acetate	10.842	43	92637	17.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	78637	18.796	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	60095m	17.994	ug/l	
77) Bromobenzene	11.195	156	64601	18.566	ug/l	98
78) n-propylbenzene	11.299	91	311546	18.307	ug/l	99
79) 2-Chlorotoluene	11.360	91	187625	18.238	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	214667	18.310	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10198	19.050	ug/l	97
82) 4-Chlorotoluene	11.451	91	217662	17.949	ug/l	100
83) tert-Butylbenzene	11.713	119	215426	18.417	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	218291	18.618	ug/l	99
85) sec-Butylbenzene	11.890	105	265714	18.328	ug/l	99
86) p-Isopropyltoluene	12.006	119	226329	18.448	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	119938	18.043	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	124174	18.162	ug/l	98
89) n-Butylbenzene	12.329	91	208841	18.302	ug/l	100
90) Hexachloroethane	12.536	117	37953	17.634	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	116672	18.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13793	17.047	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	76059	17.982	ug/l	99
94) Hexachlorobutadiene	13.719	225	27523	18.280	ug/l	96
95) Naphthalene	13.774	128	217728	18.012	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72027	18.065	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
Data File : VX047514.D
Acq On : 25 Aug 2025 12:03
Operator : JC/MD
Sample : VX0825WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0825WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

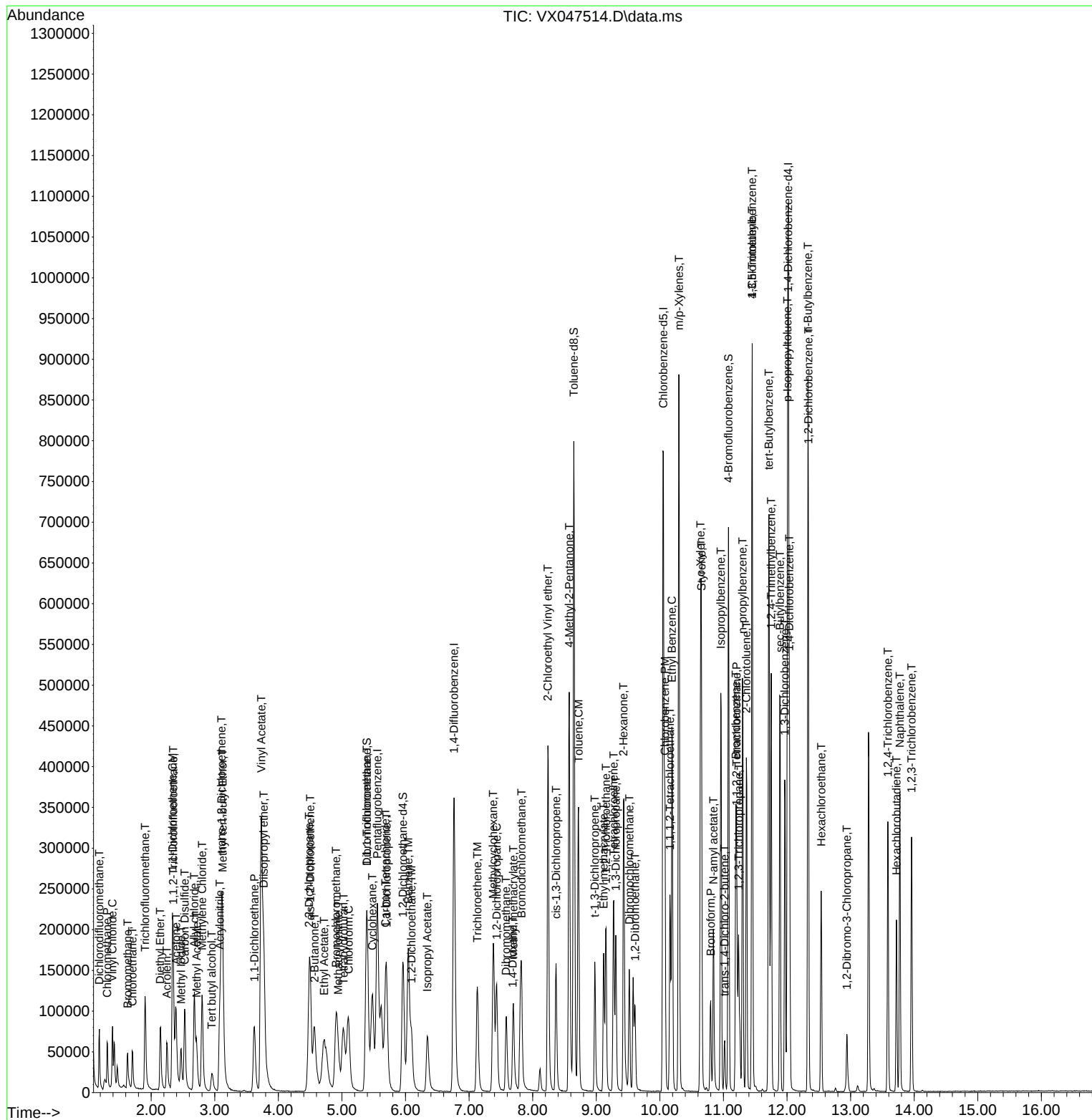
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047514.D
 Acq On : 25 Aug 2025 12:03
 Operator : JC/MD
 Sample : VX0825WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0822WBSD01			SDG No.:	Q2939
Lab Sample ID:	VX0822WBSD01			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
VX047488.D	1	08/22/25 11:51	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.4		0.22	1.00	ug/L
74-87-3	Chloromethane	17.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.0		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	17.1		0.31	1.00	ug/L
74-83-9	Bromomethane	18.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.4		0.23	1.00	ug/L
107-02-8	Acrolein	110		7.10	25.0	ug/L
107-13-1	Acrylonitrile	100		0.83	5.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.6		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	18.3		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	100		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.2		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	18.4		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.7		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		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	17.0		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.4		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0822WBSD01		SDG No.:	Q2939
Lab Sample ID:	VX0822WBSD01		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
VX047488.D	1	08/22/25 11:51	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.5		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		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	19.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		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	20.3		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	89.3		0.30	5.00	ug/L
591-78-6	2-Hexanone	98.0		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.5		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.8		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	19.2		0.19	1.00	ug/L
67-72-1	Hexachloroethane	17.9		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	2.00	ug/L
95-47-6	o-Xylene	18.7		0.12	1.00	ug/L
100-42-5	Styrene	19.3		0.15	1.00	ug/L
75-25-2	Bromoform	20.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.7		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.1		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.8		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	18.8		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0822WBSD01			SDG No.:	Q2939
Lab Sample ID:	VX0822WBSD01			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
VX047488.D	1	08/22/25 11:51	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.9		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	18.8		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.1		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.2		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	19.2		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	19.2		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	19.0		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	19.1		0.30	1.00	ug/L
91-20-3	Naphthalene	19.5		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	46.4		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	238000	5.562			
540-36-3	1,4-Difluorobenzene	423000	6.763			
3114-55-4	Chlorobenzene-d5	388000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	192000	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0822WBSD01			SDG No.:	Q2939
Lab Sample ID:	VX0822WBSD01			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
VX047488.D	1	08/22/25 11:51	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX082225\
 Data File : VX047488.D
 Acq On : 22 Aug 2025 11:51
 Operator : JC/MD
 Sample : VX0822WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:25:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	237872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	191887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165194	49.621	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.240%		
35) Dibromofluoromethane	5.391	113	131523	47.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.646	98	456106	46.445	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.900%		
62) 4-Bromofluorobenzene	11.079	95	175865	48.529	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	52744	17.394	ug/l	98
3) Chloromethane	1.312	50	47532	17.425	ug/l	96
4) Vinyl Chloride	1.392	62	58135	16.979	ug/l	98
5) Bromomethane	1.629	94	25174	18.203	ug/l	96
6) Chloroethane	1.709	64	38423	18.342	ug/l	96
7) Trichlorofluoromethane	1.904	101	89238	17.621	ug/l	98
8) Diethyl Ether	2.148	74	35832	20.094	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	54922	18.695	ug/l	100
10) Methyl Iodide	2.471	142	67427	13.393	ug/l	93
11) Tert butyl alcohol	2.952	59	31512	108.808	ug/l	100
12) 1,1-Dichloroethene	2.337	96	52068	17.385	ug/l	97
13) Acrolein	2.251	56	69698	114.005	ug/l	99
14) Allyl chloride	2.678	41	96465	18.544	ug/l	99
15) Acrylonitrile	3.080	53	142611	101.905	ug/l	99
16) Acetone	2.391	43	125500	100.292	ug/l	98
17) Carbon Disulfide	2.526	76	155409	17.196	ug/l	98
18) Methyl Acetate	2.715	43	73431	22.645	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	186618	20.482	ug/l	99
20) Methylene Chloride	2.800	84	65902	19.889	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	58310	18.343	ug/l	96
22) Diisopropyl ether	3.769	45	214462	20.857	ug/l	97
23) Vinyl Acetate	3.733	43	860333	102.080	ug/l	99
24) 1,1-Dichloroethane	3.623	63	114442	19.691	ug/l	98
25) 2-Butanone	4.568	43	178570	108.960	ug/l	97
26) 2,2-Dichloropropane	4.489	77	80841	18.429	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	73256	19.786	ug/l	96
28) Bromochloromethane	4.909	49	52380	21.658	ug/l	98
29) Tetrahydrofuran	5.019	42	108404	102.340	ug/l	98
30) Chloroform	5.098	83	119002	20.063	ug/l	95
31) Cyclohexane	5.482	56	97532	18.204	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	95278	18.662	ug/l	97
36) 1,1-Dichloropropene	5.702	75	75313	17.365	ug/l	99
37) Ethyl Acetate	4.720	43	76893	17.077	ug/l	96
38) Carbon Tetrachloride	5.684	117	84801	17.892	ug/l	99
39) Methylcyclohexane	7.384	83	91721	16.954	ug/l	96
40) Benzene	6.043	78	247854	19.092	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047488.D
 Acq On : 22 Aug 2025 11:51
 Operator : JC/MD
 Sample : VX0822WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:25:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	38508	20.281	ug/l	96
42) 1,2-Dichloroethane	6.092	62	89819	19.533	ug/l	99
43) Isopropyl Acetate	6.342	43	125415	19.389	ug/l	99
44) Trichloroethene	7.128	130	60804	18.292	ug/l	100
45) 1,2-Dichloropropane	7.433	63	62569	19.239	ug/l	96
46) Dibromomethane	7.586	93	46002	19.483	ug/l	97
47) Bromodichloromethane	7.823	83	96014	19.616	ug/l	99
48) Methyl methacrylate	7.695	41	64500	19.211	ug/l	98
49) 1,4-Dioxane	7.683	88	13517	414.131	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	377591	101.440	ug/l	96
52) Toluene	8.720	92	151184	18.847	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83940	19.649	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	93740	19.386	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	60466	19.853	ug/l	97
56) Ethyl methacrylate	9.116	69	88578	19.726	ug/l	98
57) 1,3-Dichloropropane	9.305	76	105503	20.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	179653	89.339	ug/l	98
59) 2-Hexanone	9.427	43	252296	97.987	ug/l	98
60) Dibromochloromethane	9.518	129	70934	19.597	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61363	19.538	ug/l	100
64) Tetrachloroethene	9.274	164	49991	17.817	ug/l	98
65) Chlorobenzene	10.079	112	171569	18.612	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	59904	19.223	ug/l	99
67) Ethyl Benzene	10.195	91	293400	18.492	ug/l	99
68) m/p-Xylenes	10.299	106	222278	37.572	ug/l	99
69) o-Xylene	10.640	106	106357	18.681	ug/l	100
70) Styrene	10.652	104	185646	19.298	ug/l	99
71) Bromoform	10.798	173	47070	20.106	ug/l #	98
73) Isopropylbenzene	10.963	105	284187	18.926	ug/l	99
74) N-amyl acetate	10.841	43	107356	18.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87989	19.958	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	69461m	19.736	ug/l	
77) Bromobenzene	11.195	156	69957	19.079	ug/l	98
78) n-propylbenzene	11.304	91	336842	18.782	ug/l	100
79) 2-Chlorotoluene	11.359	91	203482	18.769	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233046	18.862	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12143	20.503	ug/l	98
82) 4-Chlorotoluene	11.451	91	240809	18.843	ug/l	100
83) tert-Butylbenzene	11.713	119	235219	19.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	237710	19.240	ug/l	99
85) sec-Butylbenzene	11.890	105	293002	19.178	ug/l	100
86) p-Isopropyltoluene	12.006	119	242206	18.735	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	134293	19.171	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	135092	18.751	ug/l	99
89) n-Butylbenzene	12.329	91	228109	18.970	ug/l	99
90) Hexachloroethane	12.536	117	40670	17.932	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	128944	19.393	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16362	19.190	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	83159	18.657	ug/l	99
94) Hexachlorobutadiene	13.719	225	30356	19.133	ug/l	97
95) Naphthalene	13.774	128	248392	19.500	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	80383	19.132	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047488.D
Acq On : 22 Aug 2025 11:51
Operator : JC/MD
Sample : VX0822WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:25:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

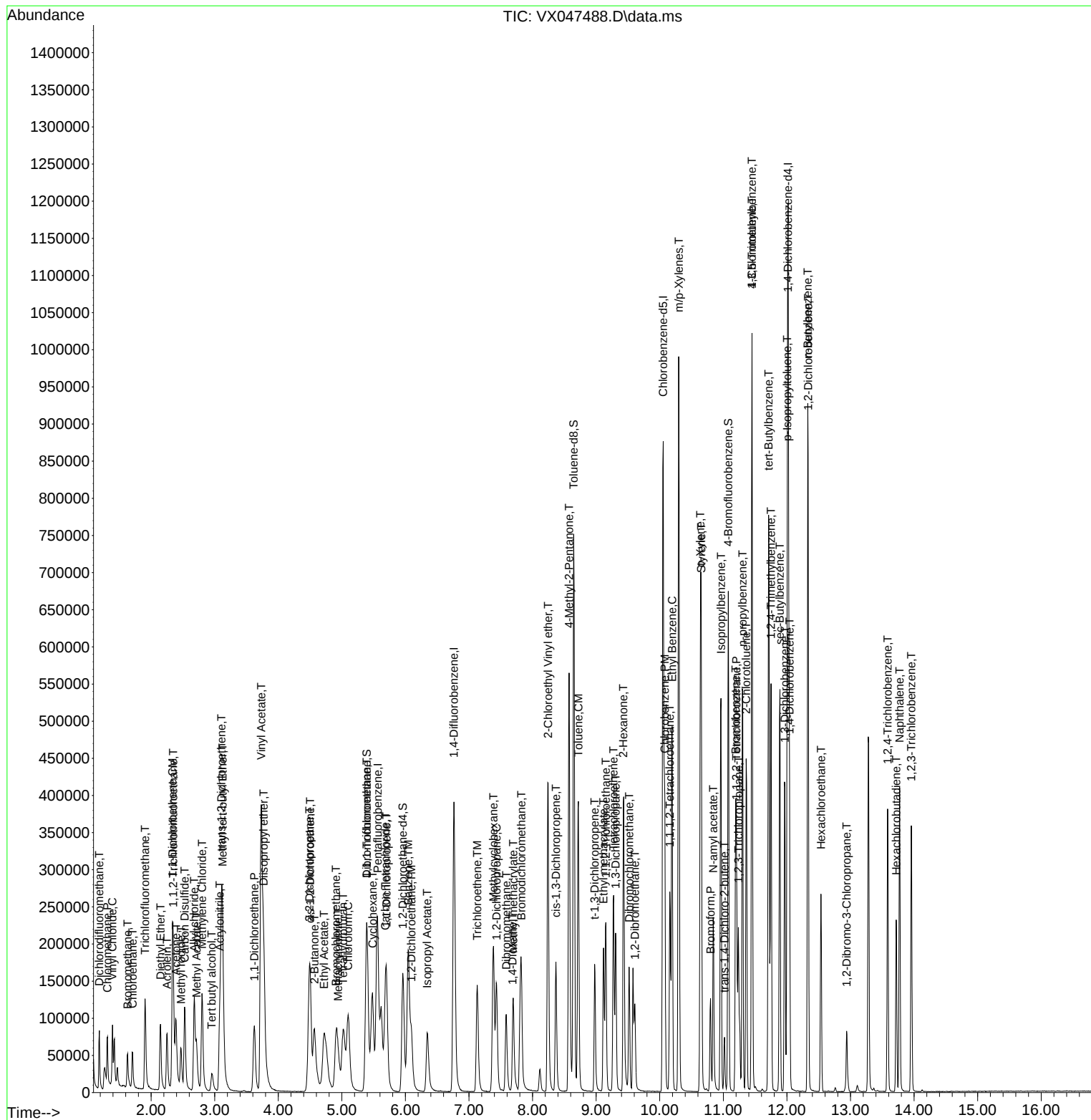
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047488.D
Acq On : 22 Aug 2025 11:51
Operator : JC/MD
Sample : VX0822WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Manual Integrations

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:25:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



Manual Integration Report

Sequence:	VX081525	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDIC005	VX047349.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDIC005	VX047349.D	1,4-Dioxane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDIC005	VX047349.D	Tetrahydrofuran	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDIC020	VX047350.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDIC020	VX047350.D	1,4-Dioxane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDICCC050	VX047351.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:42:59 AM	MMDadoda	8/19/2025 1:41:07 AM	Peak Integrated by Software
VSTDIC100	VX047352.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:03 AM	MMDadoda	8/19/2025 1:41:08 AM	Peak Integrated by Software
VSTDIC150	VX047353.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:07 AM	MMDadoda	8/19/2025 1:41:10 AM	Peak Integrated by Software
VSTDIC001	VX047356.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDIC001	VX047356.D	1,4-Dichlorobenzene	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDIC001	VX047356.D	1,4-Dioxane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDIC001	VX047356.D	Allyl chloride	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDIC001	VX047356.D	Ethyl Acetate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX081525

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047356.D	Methacrylonitrile	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Methyl methacrylate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Tetrahydrofuran	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,4-Dioxane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VSTDCCC050	VX047369.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:44 AM	MMDadoda	8/19/2025 1:41:35 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX082225

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047484.D	1,2,3-Trichloropropane	JOHN	8/25/2025 8:45:18 AM	SAM	8/25/2025 3:21:27 PM	Peak Integrated by Software
VX0822WBS01	VX047487.D	1,2,3-Trichloropropane	JOHN	8/25/2025 8:45:23 AM	SAM	8/25/2025 3:21:28 PM	Peak Integrated by Software
VX0822WBSD01	VX047488.D	1,2,3-Trichloropropane	JOHN	8/25/2025 8:45:28 AM	SAM	8/25/2025 3:21:30 PM	Peak Integrated by Software
VSTDCCC050	VX047509.D	1,2,3-Trichloropropane	JOHN	8/25/2025 8:45:44 AM	SAM	8/25/2025 3:21:37 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX082525

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047511.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:53:55 AM	MMDadoda	8/26/2025 3:15:50 PM	Peak Integrated by Software
VX0825WBS01	VX047514.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:53:59 AM	MMDadoda	8/26/2025 3:15:52 PM	Peak Integrated by Software
VSTDCCC050	VX047520.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:54:08 AM	MMDadoda	8/26/2025 3:15:54 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Maresh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135148		
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158		
CCC	VP135152		
Internal Standard/PEM			
ICV/I.BLK	VP135159		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047347.D	15 Aug 2025 08:28	JC/MD	Ok
2	VSTDIC001	VX047348.D	15 Aug 2025 09:18	JC/MD	Not Ok
3	VSTDIC005	VX047349.D	15 Aug 2025 09:40	JC/MD	Ok,M
4	VSTDIC020	VX047350.D	15 Aug 2025 10:01	JC/MD	Ok,M
5	VSTDIC050	VX047351.D	15 Aug 2025 10:22	JC/MD	Ok,M
6	VSTDIC100	VX047352.D	15 Aug 2025 10:43	JC/MD	Ok,M
7	VSTDIC150	VX047353.D	15 Aug 2025 11:05	JC/MD	Ok,M
8	IBLK	VX047354.D	15 Aug 2025 11:26	JC/MD	Ok
9	VSTDIC001	VX047355.D	15 Aug 2025 12:08	JC/MD	Not Ok
10	VSTDIC001	VX047356.D	15 Aug 2025 12:30	JC/MD	Ok,M
11	VSTDICV050	VX047357.D	15 Aug 2025 13:11	JC/MD	Ok,M
12	VX0815WBL01	VX047358.D	15 Aug 2025 13:39	JC/MD	Ok
13	VX0815MBL01	VX047359.D	15 Aug 2025 14:00	JC/MD	Ok
14	VX0815WBS01	VX047360.D	15 Aug 2025 14:21	JC/MD	Ok,M
15	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49	JC/MD	Ok,M
16	Q2880-01	VX047362.D	15 Aug 2025 15:10	JC/MD	Ok
17	Q2880-02	VX047363.D	15 Aug 2025 15:32	JC/MD	Ok
18	Q2880-03	VX047364.D	15 Aug 2025 15:53	JC/MD	Ok
19	Q2880-04	VX047365.D	15 Aug 2025 16:15	JC/MD	Ok
20	Q2886-01	VX047366.D	15 Aug 2025 16:36	JC/MD	Ok
21	Q2886-02	VX047367.D	15 Aug 2025 16:58	JC/MD	ReRun

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135148		
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158		
CCC	VP135152		
Internal Standard/PEM			
ICV/I.BLK	VP135159		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2837-01	VX047368.D	15 Aug 2025 17:19	JC/MD	Ok,M
23	VSTDCCC050	VX047369.D	15 Aug 2025 17:41	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX082225

Review By	John Carlone	Review On	8/25/2025 8:50:19 AM
Supervise By	Maresh Dadoda	Supervise On	8/25/2025 3:23:15 PM
SubDirectory	VX082225	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135234		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135235,VP135236		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047483.D	22 Aug 2025 08:25	JC/MD	Ok
2	VSTDCCC050	VX047484.D	22 Aug 2025 10:00	JC/MD	Ok,M
3	VX0822MBL01	VX047485.D	22 Aug 2025 10:32	JC/MD	Ok
4	VX0822WBL01	VX047486.D	22 Aug 2025 10:53	JC/MD	Ok
5	VX0822WBS01	VX047487.D	22 Aug 2025 11:22	JC/MD	Ok,M
6	VX0822WBSD01	VX047488.D	22 Aug 2025 11:51	JC/MD	Ok,M
7	Q2903-07DL	VX047489.D	22 Aug 2025 12:12	JC/MD	Ok
8	Q2903-13	VX047490.D	22 Aug 2025 12:34	JC/MD	ReRun
9	Q2927-01	VX047491.D	22 Aug 2025 12:55	JC/MD	Ok
10	IBLK	VX047492.D	22 Aug 2025 13:16	JC/MD	Ok
11	Q2903-02RE	VX047493.D	22 Aug 2025 13:37	JC/MD	Confirms
12	Q2903-09	VX047494.D	22 Aug 2025 13:58	JC/MD	Ok
13	Q2903-10	VX047495.D	22 Aug 2025 14:19	JC/MD	Ok
14	Q2903-11	VX047496.D	22 Aug 2025 14:40	JC/MD	Ok
15	Q2903-12	VX047497.D	22 Aug 2025 15:01	JC/MD	Ok
16	Q2934-01	VX047498.D	22 Aug 2025 15:22	JC/MD	Ok
17	Q2934-02	VX047499.D	22 Aug 2025 15:43	JC/MD	Ok
18	Q2934-03	VX047500.D	22 Aug 2025 16:04	JC/MD	Ok
19	Q2934-04	VX047501.D	22 Aug 2025 16:25	JC/MD	Ok
20	IBLK	VX047502.D	22 Aug 2025 16:46	JC/MD	Ok
21	Q2939-01	VX047503.D	22 Aug 2025 17:07	JC/MD	ReRun

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QCBatch ID # VX082225

Review By	John Carlone	Review On	8/25/2025 8:50:19 AM
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 3:23:15 PM
SubDirectory	VX082225	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135234		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135235,VP135236		

22	Q2939-02	VX047504.D	22 Aug 2025 17:27	JC/MD	Ok
23	Q2939-03	VX047505.D	22 Aug 2025 17:48	JC/MD	Ok
24	Q2939-04	VX047506.D	22 Aug 2025 18:09	JC/MD	Ok
25	Q2903-05MS	VX047507.D	22 Aug 2025 18:30	JC/MD	Ok,M
26	Q2903-06MSD	VX047508.D	22 Aug 2025 18:51	JC/MD	Ok,M
27	VSTDCCC050	VX047509.D	22 Aug 2025 19:12	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX082525

Review By	John Carlone	Review On	8/26/2025 8:55:04 AM
Supervise By	Maresh Dadoda	Supervise On	8/26/2025 3:13:43 PM
SubDirectory	VX082525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135277		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135278,VP135279		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047510.D	25 Aug 2025 08:12	JC/MD	Ok
2	VSTDCCC050	VX047511.D	25 Aug 2025 10:14	JC/MD	Ok,M
3	VX0825MBL01	VX047512.D	25 Aug 2025 10:43	JC/MD	Ok
4	VX0825WBL01	VX047513.D	25 Aug 2025 11:04	JC/MD	Ok
5	VX0825WBS01	VX047514.D	25 Aug 2025 12:03	JC/MD	Ok,M
6	VX0825WBSD01	VX047515.D	25 Aug 2025 12:30	JC/MD	Ok,M
7	IBLK	VX047516.D	25 Aug 2025 12:51	JC/MD	Ok
8	Q2939-01	VX047517.D	25 Aug 2025 13:12	JC/MD	Ok
9	Q2903-13	VX047518.D	25 Aug 2025 13:32	JC/MD	Ok
10	Q2954-11	VX047519.D	25 Aug 2025 15:30	JC/MD	Ok
11	VSTDCCC050	VX047520.D	25 Aug 2025 16:13	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Maresh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047347.D	15 Aug 2025 08:28		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX047348.D	15 Aug 2025 09:18	Not used	JC/MD	Not Ok
3	VSTDIC005	VSTDIC005	VX047349.D	15 Aug 2025 09:40	LR-58,81	JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX047350.D	15 Aug 2025 10:01		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX047351.D	15 Aug 2025 10:22		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX047352.D	15 Aug 2025 10:43		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX047353.D	15 Aug 2025 11:05		JC/MD	Ok,M
8	IBLK	IBLK	VX047354.D	15 Aug 2025 11:26		JC/MD	Ok
9	VSTDIC001	VSTDIC001	VX047355.D	15 Aug 2025 12:08	Not used	JC/MD	Not Ok
10	VSTDIC001	VSTDIC001	VX047356.D	15 Aug 2025 12:30		JC/MD	Ok,M
11	VSTDICV050	ICVVX081525	VX047357.D	15 Aug 2025 13:11		JC/MD	Ok,M
12	VX0815WBL01	VX0815WBL01	VX047358.D	15 Aug 2025 13:39		JC/MD	Ok
13	VX0815MBL01	VX0815MBL01	VX047359.D	15 Aug 2025 14:00		JC/MD	Ok
14	VX0815WBS01	VX0815WBS01	VX047360.D	15 Aug 2025 14:21		JC/MD	Ok,M
15	VX0815WBSD01	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49		JC/MD	Ok,M
16	Q2880-01	STORAGE-BLANK-SO	VX047362.D	15 Aug 2025 15:10	vial A pH<2	JC/MD	Ok
17	Q2880-02	STORAGE-BLANK-WA	VX047363.D	15 Aug 2025 15:32	vial A pH<2	JC/MD	Ok
18	Q2880-03	STORAGE-BLANK-WA	VX047364.D	15 Aug 2025 15:53	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Maresh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135148		
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158		
CCC	VP135152		
Internal Standard/PEM			
ICV/I.BLK	VP135159		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2880-04	STORAGE-BLANK-SAM	VX047365.D	15 Aug 2025 16:15	vial A pH<2	JC/MD	Ok
20	Q2886-01	BP-TT182D-TB-202508	VX047366.D	15 Aug 2025 16:36	vial A pH<2	JC/MD	Ok
21	Q2886-02	BP-TT182D-GW-202508	VX047367.D	15 Aug 2025 16:58	vial A pH<2 Surrogate Fail	JC/MD	ReRun
22	Q2837-01	TW-WTS-13	VX047368.D	15 Aug 2025 17:19	vial B pH<2	JC/MD	Ok,M
23	VSTDCCC050	VSTDCCC050EC	VX047369.D	15 Aug 2025 17:41		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX082225

Review By	John Carlone	Review On	8/25/2025 8:50:19 AM
Supervise By	Maresh Dadoda	Supervise On	8/25/2025 3:23:15 PM
SubDirectory	VX082225	HP Acquire Method	HP Processing Method 82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135234
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135235,VP135236

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047483.D	22 Aug 2025 08:25		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047484.D	22 Aug 2025 10:00	pH#Lot#V12668	JC/MD	Ok,M
3	VX0822MBL01	VX0822MBL01	VX047485.D	22 Aug 2025 10:32		JC/MD	Ok
4	VX0822WBL01	VX0822WBL01	VX047486.D	22 Aug 2025 10:53		JC/MD	Ok
5	VX0822WBS01	VX0822WBS01	VX047487.D	22 Aug 2025 11:22		JC/MD	Ok,M
6	VX0822WBSD01	VX0822WBSD01	VX047488.D	22 Aug 2025 11:51		JC/MD	Ok,M
7	Q2903-07DL	MW-12B-081925DL	VX047489.D	22 Aug 2025 12:12	vial B pH<2	JC/MD	Ok
8	Q2903-13	TB	VX047490.D	22 Aug 2025 12:34	vial A pH<2 TB;Surrogate Fail	JC/MD	ReRun
9	Q2927-01	A6121M	VX047491.D	22 Aug 2025 12:55	vial A pH<2	JC/MD	Ok
10	IBLK	IBLK	VX047492.D	22 Aug 2025 13:16		JC/MD	Ok
11	Q2903-02RE	MW-1C-081925RE	VX047493.D	22 Aug 2025 13:37	vial B pH<2 Surrogate Fail	JC/MD	Confirms
12	Q2903-09	DUP-02-081925	VX047494.D	22 Aug 2025 13:58	vial B pH<2	JC/MD	Ok
13	Q2903-10	MW-17A-081925	VX047495.D	22 Aug 2025 14:19	vial A pH<2	JC/MD	Ok
14	Q2903-11	MW-18A-081925	VX047496.D	22 Aug 2025 14:40	vial A pH<2	JC/MD	Ok
15	Q2903-12	MW-16B-081925	VX047497.D	22 Aug 2025 15:01	vial A pH<2	JC/MD	Ok
16	Q2934-01	ENV-SW01	VX047498.D	22 Aug 2025 15:22	vial A pH<2	JC/MD	Ok
17	Q2934-02	ENV-SW02	VX047499.D	22 Aug 2025 15:43	vial A pH<2	JC/MD	Ok
18	Q2934-03	ENV-SW03	VX047500.D	22 Aug 2025 16:04	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX082225

Review By	John Carlone	Review On	8/25/2025 8:50:19 AM
Supervise By	Maresh Dadoda	Supervise On	8/25/2025 3:23:15 PM
SubDirectory	VX082225	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135234		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135235,VP135236		

19	Q2934-04	ENV-SW04	VX047501.D	22 Aug 2025 16:25	vial A pH<2	JC/MD	Ok
20	IBLK	IBLK	VX047502.D	22 Aug 2025 16:46		JC/MD	Ok
21	Q2939-01	STORAGE-BLANK-SO	VX047503.D	22 Aug 2025 17:07	vial A pH<2 Surrogate Fail	JC/MD	ReRun
22	Q2939-02	STORAGE-BLANK-WA	VX047504.D	22 Aug 2025 17:27	vial A pH<2	JC/MD	Ok
23	Q2939-03	STORAGE-BLANK-WA	VX047505.D	22 Aug 2025 17:48	vial A pH<2	JC/MD	Ok
24	Q2939-04	STORAGE-BLANK-SAI	VX047506.D	22 Aug 2025 18:09	vial A pH<2	JC/MD	Ok
25	Q2903-05MS	MW-6B-081925MS	VX047507.D	22 Aug 2025 18:30	vial A pH<2	JC/MD	Ok,M
26	Q2903-06MSD	MW-6B-081925MSD	VX047508.D	22 Aug 2025 18:51	vial A pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX047509.D	22 Aug 2025 19:12		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX082525

Review By	John Carlone	Review On	8/26/2025 8:55:04 AM
Supervise By	Maresh Dadoda	Supervise On	8/26/2025 3:13:43 PM
SubDirectory	VX082525	HP Acquire Method	HP Processing Method 82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135277
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135278,VP135279

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047510.D	25 Aug 2025 08:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047511.D	25 Aug 2025 10:14	pH#Lot#V12668	JC/MD	Ok,M
3	VX0825MBL01	VX0825MBL01	VX047512.D	25 Aug 2025 10:43		JC/MD	Ok
4	VX0825WBL01	VX0825WBL01	VX047513.D	25 Aug 2025 11:04		JC/MD	Ok
5	VX0825WBS01	VX0825WBS01	VX047514.D	25 Aug 2025 12:03		JC/MD	Ok,M
6	VX0825WBSD01	VX0825WBSD01	VX047515.D	25 Aug 2025 12:30		JC/MD	Ok,M
7	IBLK	IBLK	VX047516.D	25 Aug 2025 12:51		JC/MD	Ok
8	Q2939-01	STORAGE-BLANK-SO	VX047517.D	25 Aug 2025 13:12	vial B pH<2	JC/MD	Ok
9	Q2903-13	TB	VX047518.D	25 Aug 2025 13:32	vial B pH<2 TB	JC/MD	Ok
10	Q2954-11	BRIDGE	VX047519.D	25 Aug 2025 15:30	vial A pH<2	JC/MD	Ok
11	VSTDCCC050	VSTDCCC050EC	VX047520.D	25 Aug 2025 16:13		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/25/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:00
In Date: 08/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136920

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
Q2926-01	TR-04-08212025	1	1.18	10.40	11.58	10.6	90.6	
Q2926-02	TR-04-08212025	2	1.16	11.03	12.19	11.11	90.2	
Q2928-01	27-BELL	3	1.17	10.46	11.63	10.09	85.3	
Q2928-02	27-BELL	4	1.19	10.25	11.44	9.72	83.2	
Q2938-01	LF1-GM	5	1.00	1.00	2.00	2.00	100.0	
Q2938-02	LF1-G	6	1.00	1.00	2.00	2.00	100.0	
Q2939-05	SVOC-GPC-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q2939-06	PEST-GPC-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q2939-07	PEST-GPC-BLANK-SPIKE	9	1.00	1.00	2.00	2.00	100.0	
Q2939-08	SVOC-GPC2-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q2939-09	PEST-GPC2-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2939-10	PEST -GPC2-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q2941-01	SOIL-COMP (1-2)	13	1.14	10.84	11.98	9.96	81.4	
Q2945-01	34866	14	1.19	10.08	11.27	10.84	95.7	
Q2946-01	820	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2946-02	821	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2947-01	291	17	1.12	10.63	11.75	11.33	96.0	
Q2947-02	291-E2	18	1.14	10.03	11.17	10.7	95.3	
Q2947-03	235	19	1.19	10.43	11.62	11.41	98.0	
Q2947-04	235-E2	20	1.16	10.49	11.65	11.44	98.0	
Q2948-01	KZZ054X-1-1	21	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-02	KZZ054X-1-2	22	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-03	JEH590U-1-1	23	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-04	JEH590U-1-2	24	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-05	JEH590U-2-1	25	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-06	JEH590U-2-2	26	1.00	1.00	2.00	2.00	100.0	PILC
Q2949-01	367	27	1.15	10.38	11.53	11.46	99.3	
Q2949-02	367-E2	28	1.14	11.00	12.14	11.84	97.3	

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

WORKLIST(Hardcopy Internal Chain)

136920

WorkList Name : %1-082225 WorkList ID : 191408 Department : Wet-Chemistry Date : 08-22-2025 08:05:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2926-01	TR-04-08212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/21/2025	Chemtech -SO
Q2926-02	TR-04-08212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/21/2025	Chemtech -SO
Q2928-01	27-BELL	Solid	Percent Solids	Cool 4 deg C	HERO01	D31	08/21/2025	Chemtech -SO
Q2928-02	27-BELL	Solid	Percent Solids	Cool 4 deg C	HERO01	D31	08/21/2025	Chemtech -SO
Q2938-01	LF1-GM	Solid	Percent Solids	Cool 4 deg C	ENTA08	A23	08/21/2025	Chemtech -SO
Q2938-02	LF1-G	Solid	Percent Solids	Cool 4 deg C	ENTA08	A23	08/21/2025	Chemtech -SO
Q2939-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2941-01	SOIL-COMP(1-2)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/22/2025	Chemtech -SO
Q2945-01	34866	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2946-01	820	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2946-02	821	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-01	291	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-02	291-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-03	235	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-04	235-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-01	KZZ054X-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO

Date/Time 08/22/25 15:00 Date/Time 08/22/25 17:15
 Raw Sample Received by: JS (Ext-66) Raw Sample Received by: JS (Ext-66)
 Raw Sample Relinquished by: JS (Ext-66) Raw Sample Relinquished by: JS (Ext-66)

WORKLIST(Hardcopy Internal Chain)

136920

WorkList Name : %1-082225 WorkList ID : 191408 Department : Wet-Chemistry Date : 08-22-2025 08:05:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2948-02	KZZ054X-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-03	JEH590U-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-04	JEH590U-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-05	JEH590U-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-06	JEH590U-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2949-01	367	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2949-02	367-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO

Date/Time 08/22/25 13:00

Raw Sample Received by: RB WCY

Raw Sample Relinquished by: RB (Ext-66)

Date/Time 08/22/25 17:15

Raw Sample Received by: RB (Ext-66)

Raw Sample Relinquished by: RB WCY



SHIPPING DOCUMENTS



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

Alliance Project Number:

Q 2939

CHAIN OF CUSTODY RECORD

COC Number:

CLIENT INFORMATION

PROJECT INFORMATION

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

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

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

☐ 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

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										
			COMP	GRAB	DATE	TIME		A/E									
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								

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. <i>[Signature]</i>	8/22/15	1. <i>[Signature]</i>
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2. <i>[Signature]</i>	10-20	2. <i>[Signature]</i>
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. <i>[Signature]</i>		3. <i>[Signature]</i>

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:

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

Alliance Project Number:

Q2939

CHAIN OF CUSTODY RECORD

COC Number:

CLIENT INFORMATION			PROJECT INFORMATION				BILLING INFORMATION																																																			
COMPANY: Alliance Technical Group			PROJECT NAME: Weekly Storage Blanks				BILL TO: Same					PO#																																														
ADDRESS: 284 Sheffield Street			PROJECT #:		LOCATION:		ADDRESS:																																																			
CITY: Mountainside STATE: NJ ZIP: 07092			PROJECT MANAGER:				CITY:					STATE: ZIP:																																														
ATTENTION: QA Officer			E-MAIL:				ATTENTION:					PHONE:																																														
PHONE: 908-789-8900 FAX: 908-788-9222			PHONE:		FAX:																																																					
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION				ANALYSIS																																																			
FAX: _____ 10 _____ DAYS* HARD COPY: _____ 10 _____ DAYS* EDD _____ DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS			☐ 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 _____				<table border="1"><thead><tr><th>VOC-Drinking H2O</th><th>SVOC-Full+25</th><th>PESTICIDE-TCL</th><th>PCB</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th colspan="5"></th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="5"></td></tr></tbody></table>										VOC-Drinking H2O	SVOC-Full+25	PESTICIDE-TCL	PCB											1	2	3	4	5	6	7	8	9																			
VOC-Drinking H2O	SVOC-Full+25	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									← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other																																									
			COMP	GRAB	DATE	TIME		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																																														
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10.																																																										
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION 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 ☐ Ice in Cooler?: _____																																																					
RELINQUISHED BY		DATE/TIME	RECEIVED BY		Comments:																																																					
2. RELINQUISHED BY		DATE/TIME	RECEIVED FOR LAB BY																																																							
3.		DATE/TIME	3.		Page 2 of 2																																																					
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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