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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q1837	**OrderDate:**	4/18/2025 10:30:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1837-01	**STORAGE-BLANK-SOIL-REF-6**	**Water**			**04/11/25**			**04/18/25**
			VOC- Chemtech Full	8260-Low			04/23/25	
Q1837-02	**STORAGE-BLANK-WATER-REF-5**	**Water**			**04/11/25**			**04/18/25**
			VOC- Chemtech Full	8260-Low			04/23/25	
Q1837-03	**STORAGE-BLANK-WATER-REF-4**	**Water**			**04/11/25**			**04/18/25**
			VOC- Chemtech Full	8260-Low			04/23/25	
Q1837-04	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**04/11/25**			**04/18/25**
			VOC- Chemtech Full	8260-Low			04/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1837

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: Q1837

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1837-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	54.0	108	74	125
		Dibromofluoromethane	50	50.7	101	75	124
		Toluene-d8	50	49.9	100	86	113
		4-Bromofluorobenzene	50	50.8	102	77	121
Q1837-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	53.5	107	74	125
		Dibromofluoromethane	50	51.0	102	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	52.5	105	77	121
Q1837-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	54.0	108	74	125
		Dibromofluoromethane	50	50.8	102	75	124
		Toluene-d8	50	50.8	102	86	113
		4-Bromofluorobenzene	50	49.0	98	77	121
Q1837-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	53.9	108	74	125
		Dibromofluoromethane	50	51.0	102	75	124
		Toluene-d8	50	50.5	101	86	113
		4-Bromofluorobenzene	50	52.0	104	77	121
VX0423WBL01	VX0423WBL01	1,2-Dichloroethane-d4	50	53.2	106	74	125
		Dibromofluoromethane	50	51.5	103	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	52.0	104	77	121
VX0423WBS01	VX0423WBS01	1,2-Dichloroethane-d4	50	54.0	108	74	125
		Dibromofluoromethane	50	55.2	110	75	124
		Toluene-d8	50	53.9	108	86	113
		4-Bromofluorobenzene	50	57.8	116	77	121
VX0423WBSD0	VX0423WBSD01	1,2-Dichloroethane-d4	50	52.4	105	74	125
		Dibromofluoromethane	50	52.9	106	75	124
		Toluene-d8	50	50.3	101	86	113
		4-Bromofluorobenzene	50	53.0	106	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1837

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045902.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0423WBS01	Dichlorodifluoromethane	20	18.4	ug/L	92			69	116	
	Chloromethane	20	17.5	ug/L	88			65	116	
	Vinyl chloride	20	17.7	ug/L	89			65	117	
	Ethyl Acetate	20	19.0	ug/L	95			75	115	
	Bromomethane	20	17.4	ug/L	87			58	125	
	Chloroethane	20	19.0	ug/L	95			56	128	
	Trichlorofluoromethane	20	19.7	ug/L	99			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/L	104			80	112	
	Tert butyl alcohol	100	93.3	ug/L	93			73	124	
	1,1-Dichloroethene	20	18.4	ug/L	92			74	110	
	Acrolein	100	100	ug/L	100			51	143	
	Acrylonitrile	100	92.3	ug/L	92			73	113	
	Acetone	100	98.1	ug/L	98			60	125	
	Carbon disulfide	20	14.4	ug/L	72			64	112	
	Methyl tert-butyl Ether	20	20.1	ug/L	101			78	114	
	Methyl Acetate	20	23.9	ug/L	119			67	125	
	Methylene Chloride	20	19.3	ug/L	97			72	114	
	trans-1,2-Dichloroethene	20	18.2	ug/L	91			75	108	
	Vinyl Acetate	100	96.8	ug/L	97			76	115	
	1,1-Dichloroethane	20	19.5	ug/L	98			78	112	
	Cyclohexane	20	18.3	ug/L	92			75	110	
	2-Butanone	100	95.1	ug/L	95			65	122	
	Carbon Tetrachloride	20	21.2	ug/L	106			77	113	
	2,2-Dichloropropane	20	23.6	ug/L	118		*	75	116	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			77	110	
	Bromochloromethane	20	23.5	ug/L	117			70	124	
	Chloroform	20	20.3	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			80	108	
	Methylcyclohexane	20	20.2	ug/L	101			72	115	
	1,1-Dichloropropene	20	20.6	ug/L	103			79	110	
	Benzene	20	19.8	ug/L	99			82	109	
	1,2-Dichloroethane	20	21.3	ug/L	106			80	115	
	Trichloroethene	20	20.3	ug/L	102			77	113	
	1,2-Dichloropropane	20	20.6	ug/L	103			83	111	
	Dibromomethane	20	20.6	ug/L	103			82	110	
	Bromodichloromethane	20	21.3	ug/L	106			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	20.1	ug/L	101			82	110	
	t-1,3-Dichloropropene	20	19.8	ug/L	99			79	110	
	cis-1,3-Dichloropropene	20	21.5	ug/L	108			82	110	
	1,1,2-Trichloroethane	20	21.3	ug/L	106			83	112	
	1,3-Dichloropropane	20	21.4	ug/L	107			83	111	
	2-Chloroethyl vinyl ether	100	100	ug/L	100			75	124	
	2-Hexanone	100	100	ug/L	100			73	117	
	Dibromochloromethane	20	21.3	ug/L	106			82	110	
	1,2-Dibromoethane	20	21.3	ug/L	106			81	110	
	Tetrachloroethene	20	21.6	ug/L	108			67	123	
	Chlorobenzene	20	21.5	ug/L	108			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1837

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045902.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0423WBS01	1,1,1,2-Tetrachloroethane	20	21.5	ug/L	108			84	111	
	Hexachloroethane	20	20.8	ug/L	104			80	113	
	Ethyl Benzene	20	21.1	ug/L	106			83	109	
	m/p-Xylenes	40	42.4	ug/L	106			82	110	
	o-Xylene	20	21.5	ug/L	108			83	109	
	Styrene	20	21.5	ug/L	108			80	111	
	Bromoform	20	20.5	ug/L	103			79	109	
	Isopropylbenzene	20	20.5	ug/L	103			83	112	
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97			76	118	
	1,2,3-Trichloropropane	20	19.5	ug/L	98			75	112	
	Bromobenzene	20	20.2	ug/L	101			77	116	
	N-propylbenzene	20	20.7	ug/L	104			83	112	
	2-Chlorotoluene	20	20.5	ug/L	103			83	110	
	1,3,5-Trimethylbenzene	20	20.9	ug/L	104			85	112	
	4-Chlorotoluene	20	20.8	ug/L	104			82	110	
	tert-Butylbenzene	20	20.8	ug/L	104			83	112	
	1,2,4-Trimethylbenzene	20	21.1	ug/L	106			85	111	
	Sec-butylbenzene	20	21.8	ug/L	109			81	114	
	p-Isopropyltoluene	20	21.5	ug/L	108			78	116	
	1,3-Dichlorobenzene	20	20.8	ug/L	104			82	108	
	1,4-Dichlorobenzene	20	20.2	ug/L	101			82	107	
	n-Butylbenzene	20	21.8	ug/L	109			75	115	
	1,2-Dichlorobenzene	20	21.2	ug/L	106			82	109	
	1,2-Dibromo-3-Chloropropane	20	20.3	ug/L	102			68	112	
	1,2,4-Trichlorobenzene	20	21.0	ug/L	105			75	113	
	Hexachlorobutadiene	20	22.3	ug/L	112			81	121	
	Naphthalene	20	20.5	ug/L	103			78	119	
	1,2,3-Trichlorobenzene	20	21.0	ug/L	105			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1837

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045909.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0423WBSD01	Dichlorodifluoromethane	20	18.4	ug/L	92	0		69	116	20
	Chloromethane	20	17.0	ug/L	85	3		65	116	20
	Vinyl chloride	20	17.8	ug/L	89	0		65	117	20
	Ethyl Acetate	20	18.7	ug/L	94	1		75	115	20
	Bromomethane	20	18.0	ug/L	90	3		58	125	20
	Chloroethane	20	19.8	ug/L	99	4		56	128	20
	Trichlorofluoromethane	20	19.8	ug/L	99	0		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	20.3	ug/L	102	2		80	112	20
	Tert butyl alcohol	100	100	ug/L	100	7		73	124	20
	1,1-Dichloroethene	20	18.8	ug/L	94	2		74	110	20
	Acrolein	100	130	ug/L	130	26	*	51	143	20
	Acrylonitrile	100	99.5	ug/L	100	8		73	113	20
	Acetone	100	99.7	ug/L	100	2		60	125	20
	Carbon disulfide	20	14.0	ug/L	70	3		64	112	20
	Methyl tert-butyl Ether	20	20.7	ug/L	104	3		78	114	20
	Methyl Acetate	20	26.0	ug/L	130	9	*	67	125	20
	Methylene Chloride	20	19.1	ug/L	96	1		72	114	20
	trans-1,2-Dichloroethene	20	18.4	ug/L	92	1		75	108	20
	Vinyl Acetate	100	98.1	ug/L	98	1		76	115	20
	1,1-Dichloroethane	20	19.9	ug/L	100	2		78	112	20
	Cyclohexane	20	18.3	ug/L	92	0		75	110	20
	2-Butanone	100	100	ug/L	100	5		65	122	20
	Carbon Tetrachloride	20	20.9	ug/L	104	2		77	113	20
	2,2-Dichloropropane	20	21.8	ug/L	109	8		75	116	20
	cis-1,2-Dichloroethene	20	19.5	ug/L	98	2		77	110	20
	Bromochloromethane	20	23.4	ug/L	117	0		70	124	20
	Chloroform	20	21.0	ug/L	105	3		79	113	20
	1,1,1-Trichloroethane	20	20.7	ug/L	104	4		80	108	20
	Methylcyclohexane	20	18.9	ug/L	95	6		72	115	20
	1,1-Dichloropropene	20	19.6	ug/L	98	5		79	110	20
	Benzene	20	19.9	ug/L	100	1		82	109	20
	1,2-Dichloroethane	20	21.0	ug/L	105	1		80	115	20
	Trichloroethene	20	19.8	ug/L	99	3		77	113	20
	1,2-Dichloropropane	20	20.9	ug/L	104	1		83	111	20
	Dibromomethane	20	20.4	ug/L	102	1		82	110	20
	Bromodichloromethane	20	20.7	ug/L	104	2		83	110	20
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	20
	Toluene	20	19.8	ug/L	99	2		82	110	20
	t-1,3-Dichloropropene	20	19.0	ug/L	95	4		79	110	20
	cis-1,3-Dichloropropene	20	20.3	ug/L	102	6		82	110	20
	1,1,2-Trichloroethane	20	20.3	ug/L	102	4		83	112	20
	1,3-Dichloropropane	20	20.6	ug/L	103	4		83	111	20
	2-Chloroethyl vinyl ether	100	89.2	ug/L	89	12		75	124	20
	2-Hexanone	100	110	ug/L	110	10		73	117	20
	Dibromochloromethane	20	20.8	ug/L	104	2		82	110	20
	1,2-Dibromoethane	20	20.6	ug/L	103	3		81	110	20
	Tetrachloroethene	20	20.5	ug/L	103	5		67	123	20
	Chlorobenzene	20	20.8	ug/L	104	4		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1837

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045909.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0423WBSD01	1,1,1,2-Tetrachloroethane	20	20.7	ug/L	104	4		84	111	20
	Hexachloroethane	20	20.1	ug/L	101	3		80	113	20
	Ethyl Benzene	20	20.6	ug/L	103	3		83	109	20
	m/p-Xylenes	40	41.2	ug/L	103	3		82	110	20
	o-Xylene	20	20.8	ug/L	104	4		83	109	20
	Styrene	20	20.5	ug/L	103	5		80	111	20
	Bromoform	20	19.8	ug/L	99	4		79	109	20
	Isopropylbenzene	20	20.3	ug/L	102	1		83	112	20
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101	4		76	118	20
	1,2,3-Trichloropropane	20	19.9	ug/L	100	2		75	112	20
	Bromobenzene	20	20.3	ug/L	102	1		77	116	20
	N-propylbenzene	20	20.2	ug/L	101	3		83	112	20
	2-Chlorotoluene	20	20.0	ug/L	100	3		83	110	20
	1,3,5-Trimethylbenzene	20	20.5	ug/L	103	1		85	112	20
	4-Chlorotoluene	20	20.0	ug/L	100	4		82	110	20
	tert-Butylbenzene	20	20.4	ug/L	102	2		83	112	20
	1,2,4-Trimethylbenzene	20	20.3	ug/L	102	4		85	111	20
	Sec-butylbenzene	20	21.0	ug/L	105	4		81	114	20
	p-Isopropyltoluene	20	20.4	ug/L	102	6		78	116	20
	1,3-Dichlorobenzene	20	19.9	ug/L	100	4		82	108	20
	1,4-Dichlorobenzene	20	19.5	ug/L	98	3		82	107	20
	n-Butylbenzene	20	20.1	ug/L	101	8		75	115	20
	1,2-Dichlorobenzene	20	20.6	ug/L	103	3		82	109	20
	1,2-Dibromo-3-Chloropropane	20	21.3	ug/L	106	4		68	112	20
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98	7		75	113	20
	Hexachlorobutadiene	20	21.6	ug/L	108	4		81	121	20
	Naphthalene	20	19.8	ug/L	99	4		78	119	20
	1,2,3-Trichlorobenzene	20	20.4	ug/L	102	3		76	114	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0423WBL01

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Lab File ID: VX045901.D Lab Sample ID: VX0423WBL01

Date Analyzed: 04/23/2025 Time Analyzed: 09:47

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
VX0423WBS01	VX0423WBS01	VX045902.D	04/23/2025
STORAGE-BLANK-SOIL-REF-6	Q1837-01	VX045905.D	04/23/2025
STORAGE-BLANK-WATER-REF-5	Q1837-02	VX045906.D	04/23/2025
STORAGE-BLANK-WATER-REF-4	Q1837-03	VX045907.D	04/23/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q1837-04	VX045908.D	04/23/2025
VX0423WBSD01	VX0423WBSD01	VX045909.D	04/23/2025

COMMENTS:

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Lab File ID: VX045524.D BFB Injection Date: 04/01/2025

Instrument ID: MSVOA_X BFB Injection Time: 16:15

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	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045525.D	04/01/2025	17:06
VSTDICC005	VSTDICC005	VX045526.D	04/01/2025	17:29
VSTDICC020	VSTDICC020	VX045527.D	04/01/2025	17:52
VSTDICCC050	VSTDICCC050	VX045528.D	04/01/2025	18:15
VSTDICC100	VSTDICC100	VX045529.D	04/01/2025	18:38
VSTDICC150	VSTDICC150	VX045530.D	04/01/2025	19:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Lab File ID: VX045898.D BFB Injection Date: 04/23/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:29

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	23.5
75	30.0 - 60.0% of mass 95	57.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	67.7
175	5.0 - 9.0% of mass 174	5.2 (7.7) 1
176	95.0 - 101.0% of mass 174	66.6 (98.3) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045899.D	04/23/2025	08:56
VX0423WBL01	VX0423WBL01	VX045901.D	04/23/2025	09:47
VX0423WBS01	VX0423WBS01	VX045902.D	04/23/2025	11:05
STORAGE-BLANK-SOIL-REF-6	Q1837-01	VX045905.D	04/23/2025	12:18
STORAGE-BLANK-WATER-REF-5	Q1837-02	VX045906.D	04/23/2025	12:41
STORAGE-BLANK-WATER-REF-4	Q1837-03	VX045907.D	04/23/2025	13:04
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q1837-04	VX045908.D	04/23/2025	13:27
VX0423WBSD01	VX0423WBSD01	VX045909.D	04/23/2025	13:50

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Lab File ID: VX045899.D Date Analyzed: 04/23/2025

Instrument ID: MSVOA_X Time Analyzed: 08:56

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	95647	5.54	161242	6.75	140950	10.05
UPPER LIMIT	191294	6.044	322484	7.251	281900	10.549
LOWER LIMIT	47823.5	5.044	80621	6.251	70475	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	67351	5.54	134421	6.76	122584	10.05
STORAGE-BLANK-WATER-REF-5	65174	5.54	129561	6.76	120320	10.05
STORAGE-BLANK-WATER-REF-4	64952	5.55	126402	6.76	114402	10.05
STORAGE-BLANK-SAMPLE-MANAGEMEN	67417	5.55	132215	6.76	123647	10.05
VX0423WBL01	72740	5.54	141658	6.76	131943	10.05
VX0423WBS01	96629	5.54	166044	6.75	145301	10.05
VX0423WBSD01	85453	5.54	150838	6.76	132510	10.05

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Lab File ID: VX045899.D Date Analyzed: 04/23/2025

Instrument ID: MSVOA_X Time Analyzed: 08:56

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

	IS4 AREA #	RT #				
12 HOUR STD	67565	12.018				
UPPER LIMIT	135130	12.518				
LOWER LIMIT	33782.5	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	50851	12.02				
STORAGE-BLANK-WATER-REF-5	52258	12.02				
STORAGE-BLANK-WATER-REF-4	44728	12.02				
STORAGE-BLANK-SAMPLE-MANAGEME	51694	12.02				
VX0423WBL01	56196	12.02				
VX0423WBS01	70247	12.02				
VX0423WBSD01	61538	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

Raw Data: **VX045905.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1837
Lab Sample ID:	Q1837-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045905.D	1		04/23/25 12:18	VX042325

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	UQ	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	UQ	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

Raw Data: **VX045905.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1837
Lab Sample ID:	Q1837-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045905.D	1		04/23/25 12:18	VX042325

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

Raw Data: **VX045905.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1837
Lab Sample ID:	Q1837-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045905.D	1		04/23/25 12:18	VX042325

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	54.0		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	67400	5.544			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	123000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	50900	12.018			

Raw Data: **VX045905.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1837
Lab Sample ID:	Q1837-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045905.D	1		04/23/25 12:18	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045905.D
Acq On : 23 Apr 2025 12:18
Operator : JC/MD
Sample : Q1837-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

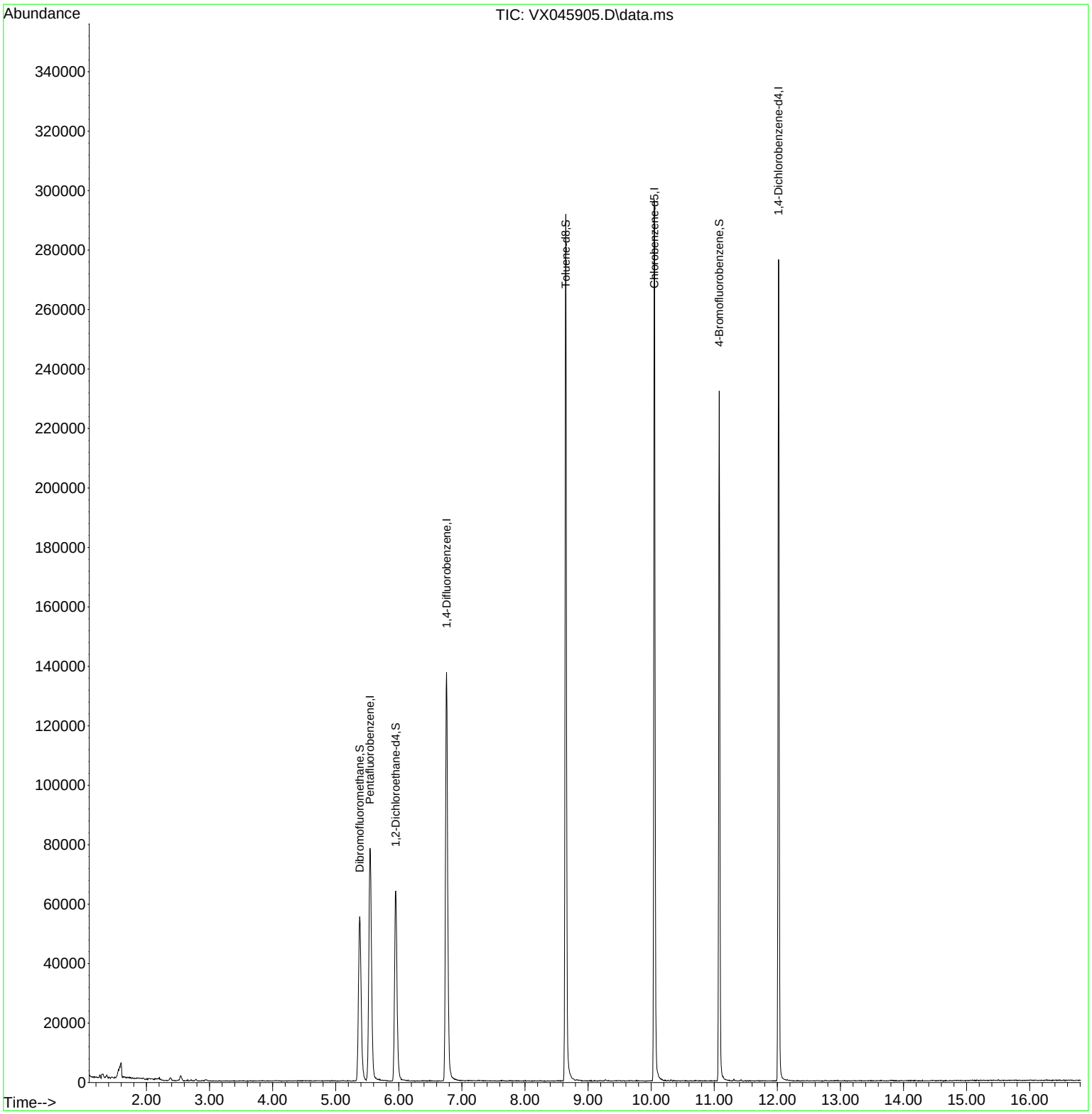
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	67351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66485	53.979	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.960%			
35) Dibromofluoromethane	5.379	113	48361	50.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.647	98	166196	49.926	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.860%			
62) 4-Bromofluorobenzene	11.079	95	61647	50.841	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.680%			
Target Compounds						Qvalue

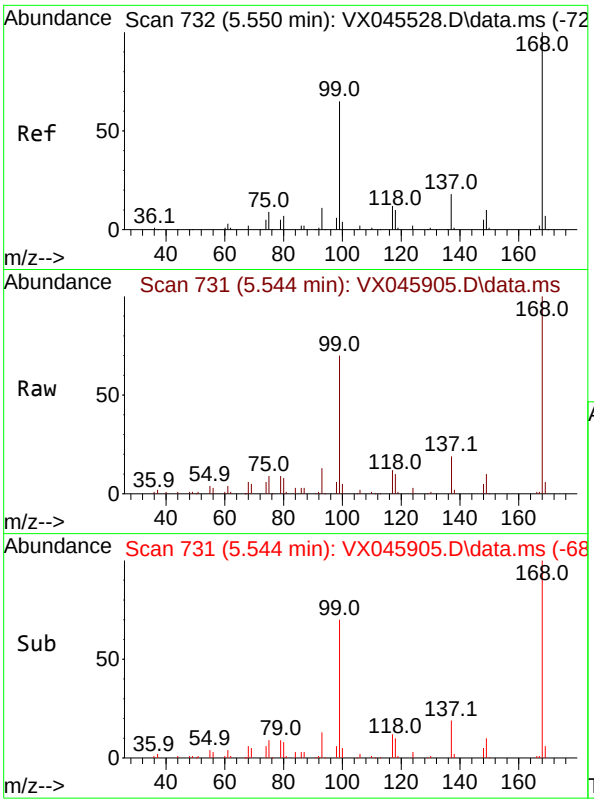
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045905.D
Acq On : 23 Apr 2025 12:18
Operator : JC/MD
Sample : Q1837-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



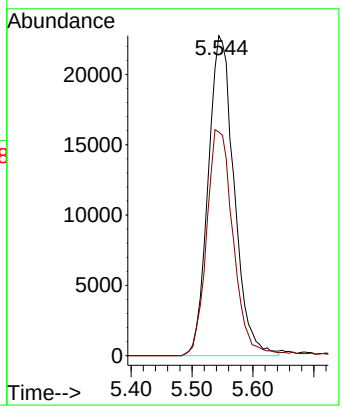


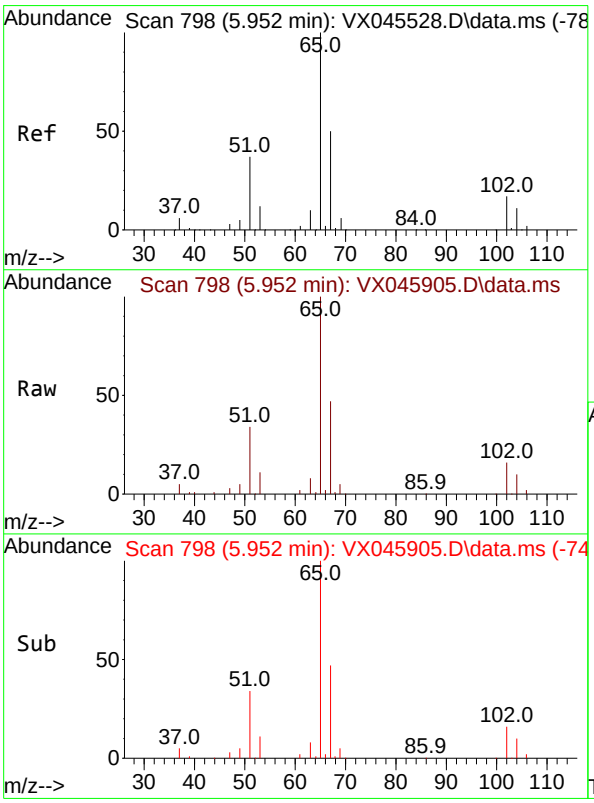
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

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

Tgt Ion:168 Resp: 67351

Ion	Ratio	Lower	Upper
168	100		
99	69.9	52.3	78.5

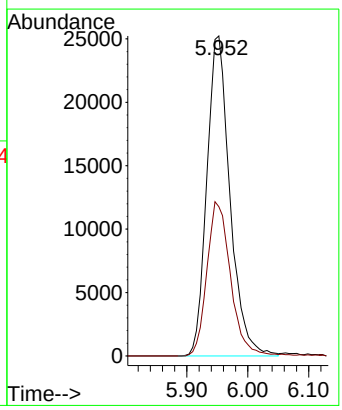


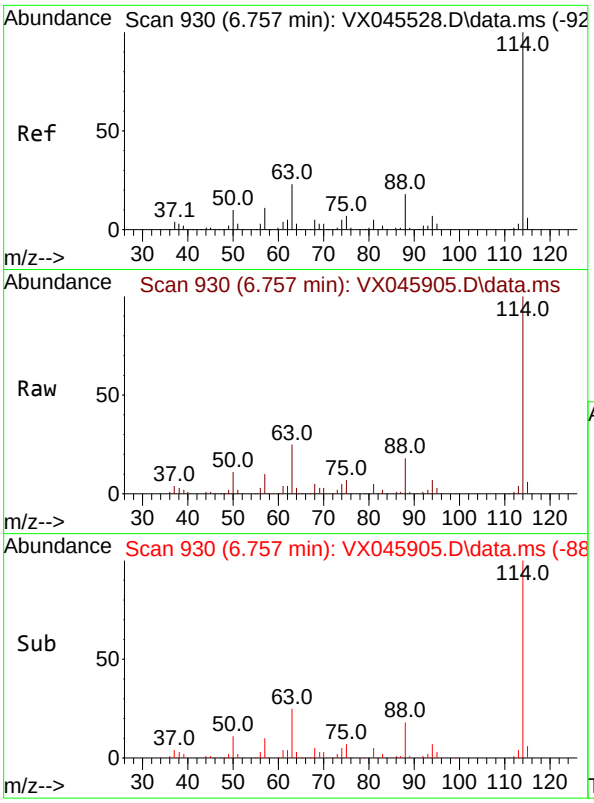


#33
1,2-Dichloroethane-d4
Concen: 53.979 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 65 Resp: 66485

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0



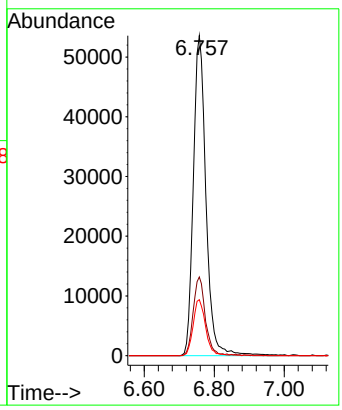


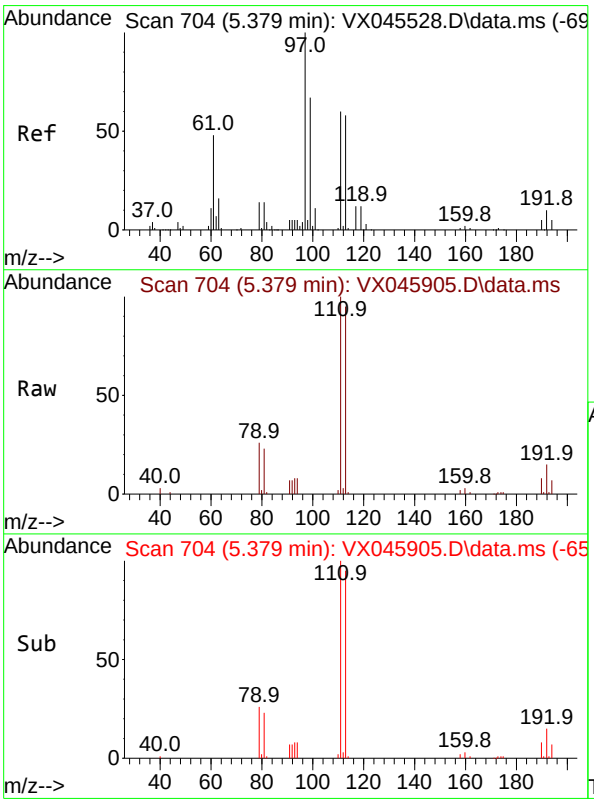
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

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

Tgt Ion:114 Resp: 134421

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	46.8
88	17.5	0.0	35.4

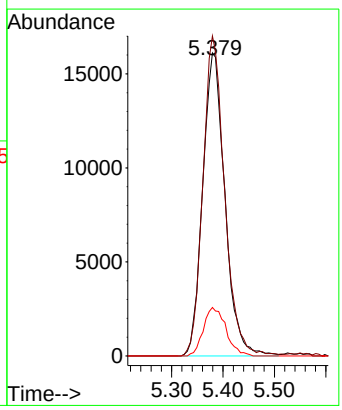


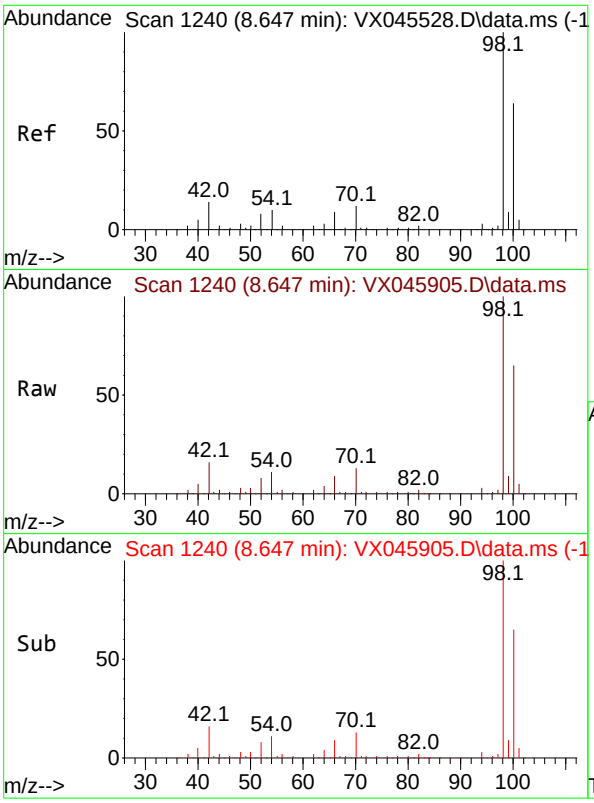


#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion:113 Resp: 48361

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	16.3	13.8	20.6



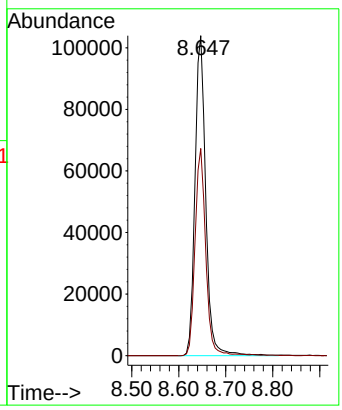


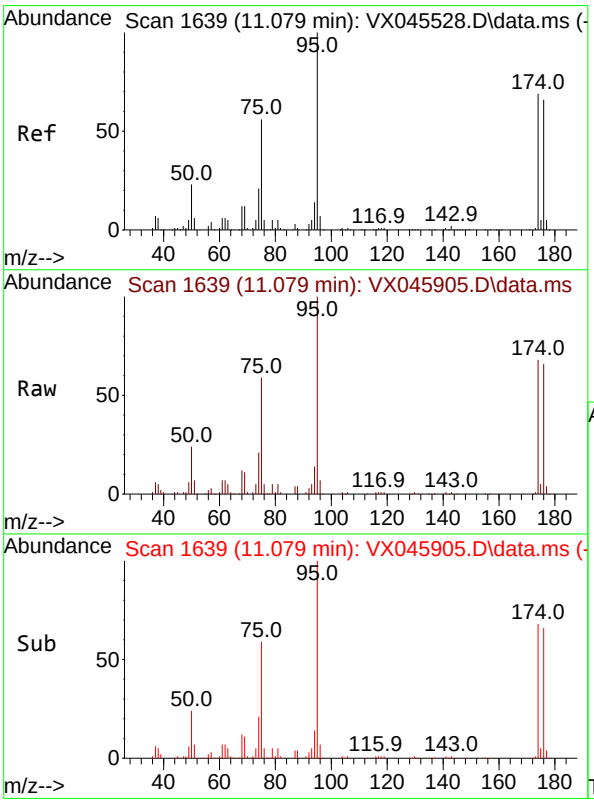
#50
Toluene-d8
Concen: 49.926 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

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

Tgt Ion: 98 Resp: 166196

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4

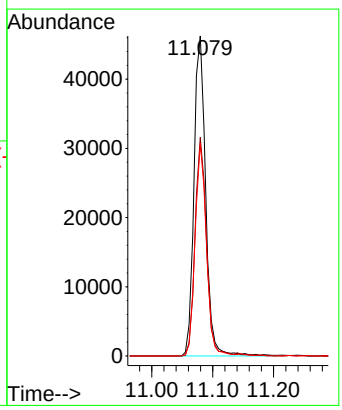


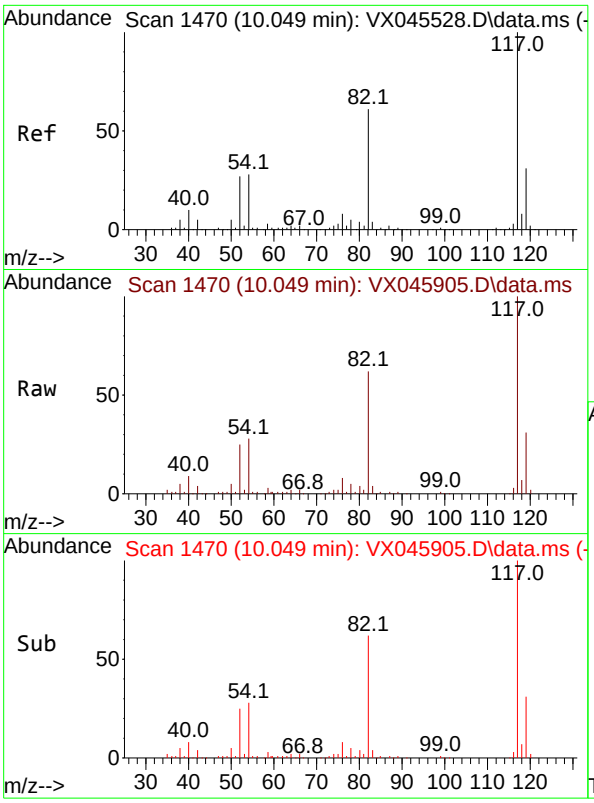


#62
4-Bromofluorobenzene
Concen: 50.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 95 Resp: 61647

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	64.1	0.0	131.4



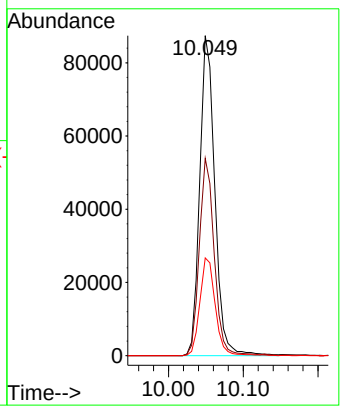


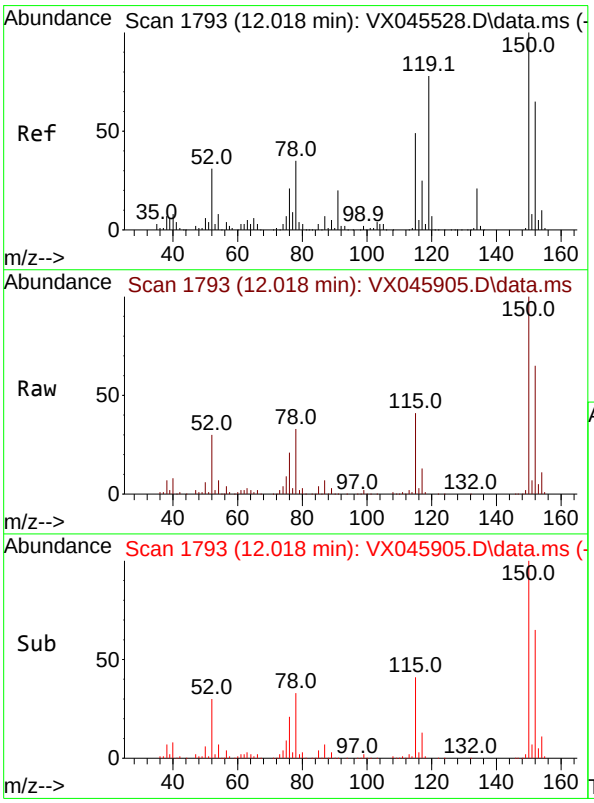
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

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

Tgt Ion:117 Resp: 122584

Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.2	73.8
119	30.6	25.1	37.7

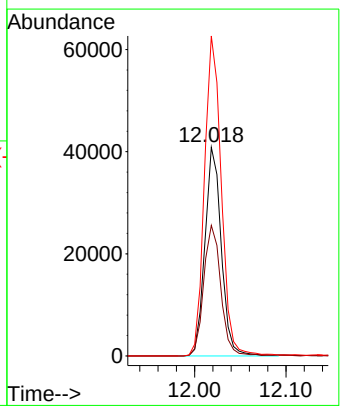




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion:152 Resp: 50851

Ion	Ratio	Lower	Upper
152	100		
115	65.2	46.9	140.7
150	157.7	0.0	349.4



Raw Data: **VX045906.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1837
Lab Sample ID:	Q1837-02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045906.D	1		04/23/25 12:41	VX042325

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	UQ	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	UQ	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

Raw Data: **VX045906.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1837
Lab Sample ID:	Q1837-02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045906.D	1		04/23/25 12:41	VX042325

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

Raw Data: **VX045906.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1837
Lab Sample ID:	Q1837-02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045906.D	1		04/23/25 12:41	VX042325

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	53.5		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65200	5.544			
540-36-3	1,4-Difluorobenzene	130000	6.757			
3114-55-4	Chlorobenzene-d5	120000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	52300	12.018			

Raw Data: **VX045906.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1837
Lab Sample ID:	Q1837-02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045906.D	1		04/23/25 12:41	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045906.D
Acq On : 23 Apr 2025 12:41
Operator : JC/MD
Sample : Q1837-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

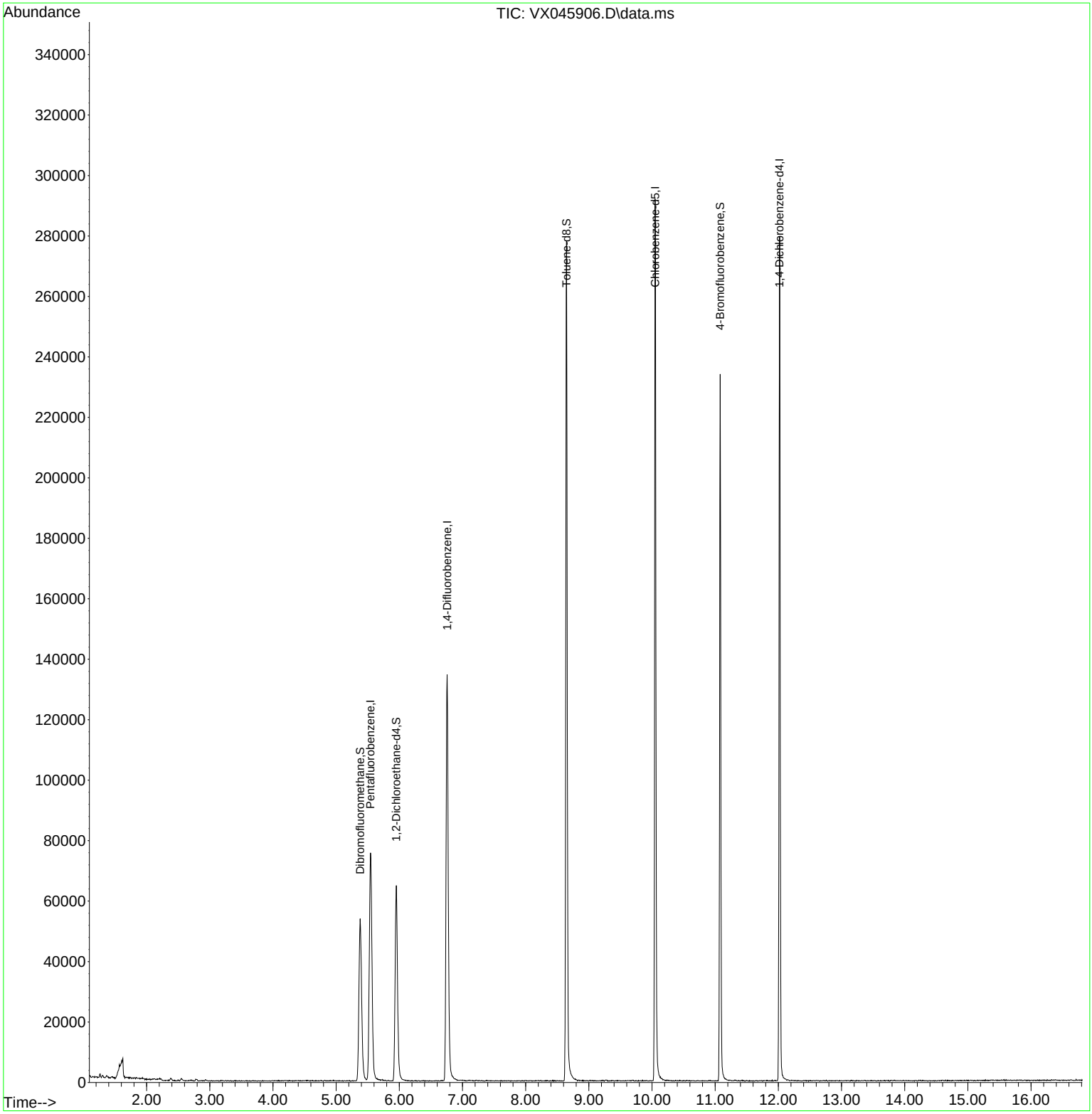
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63760	53.496	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.000%			
35) Dibromofluoromethane	5.379	113	46889	51.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	8.647	98	161600	50.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	61297	52.449	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.900%			
Target Compounds						Qvalue

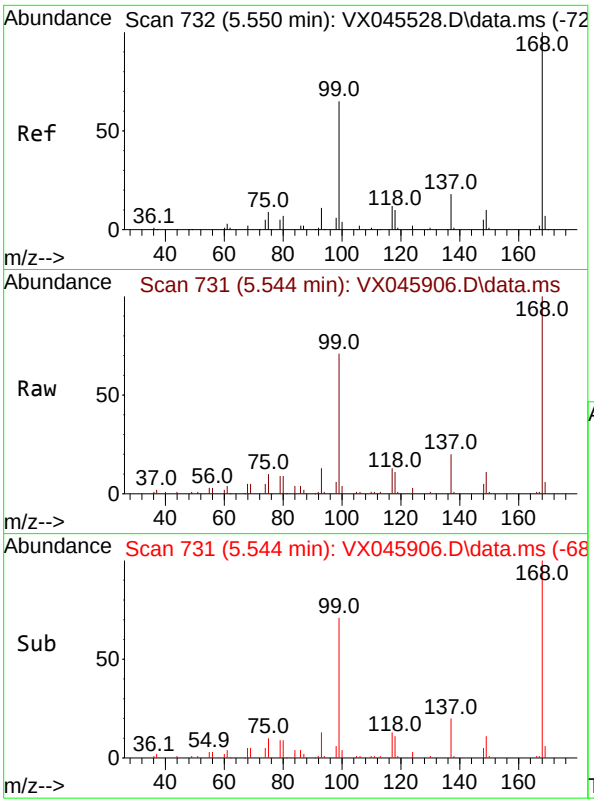
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045906.D
Acq On : 23 Apr 2025 12:41
Operator : JC/MD
Sample : Q1837-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



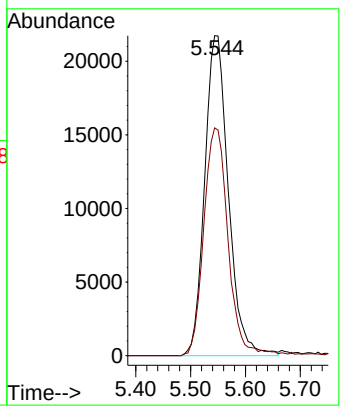


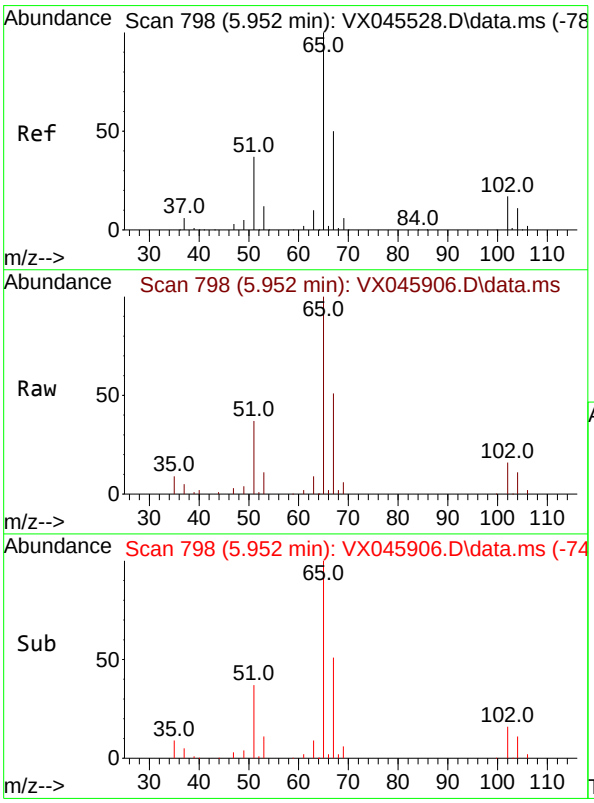
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

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

Tgt Ion:168 Resp: 65174

Ion	Ratio	Lower	Upper
168	100		
99	71.2	52.3	78.5

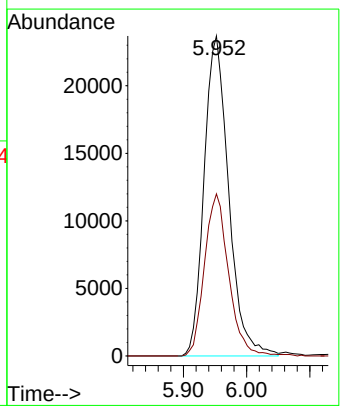


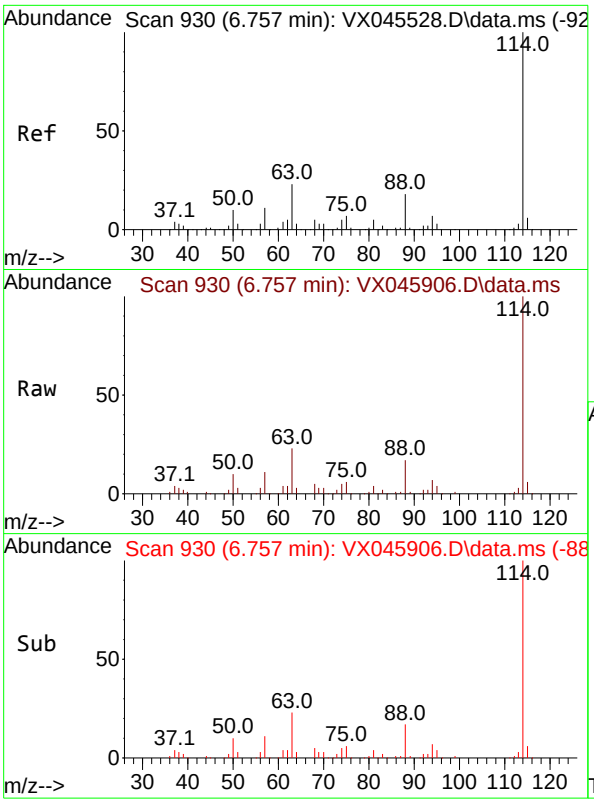


#33
1,2-Dichloroethane-d4
Concen: 53.496 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

Tgt Ion: 65 Resp: 63760

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.0



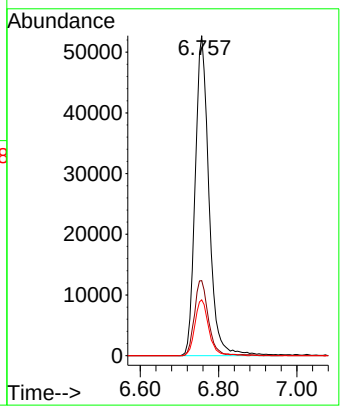


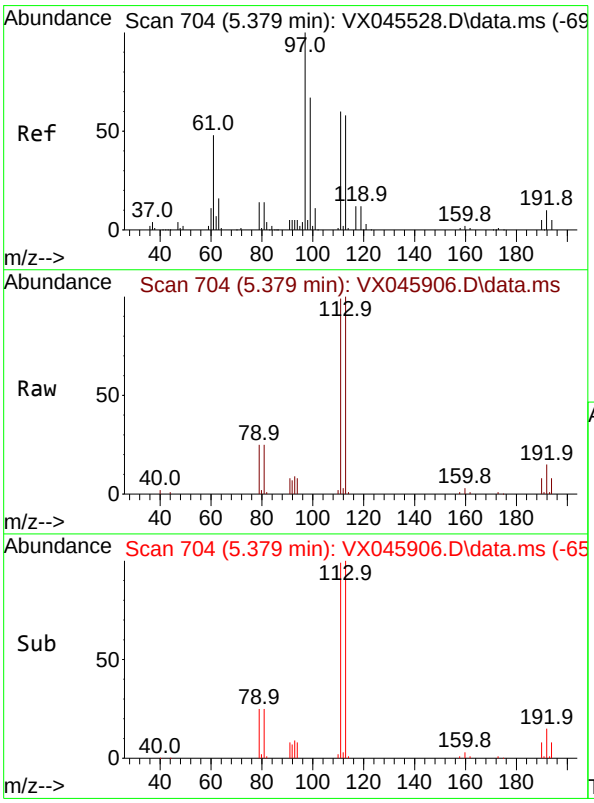
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

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

Tgt Ion:114 Resp: 129561

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.8
88	17.5	0.0	35.4

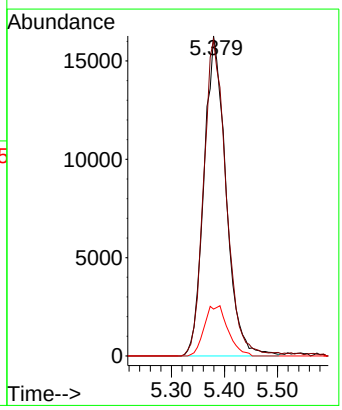


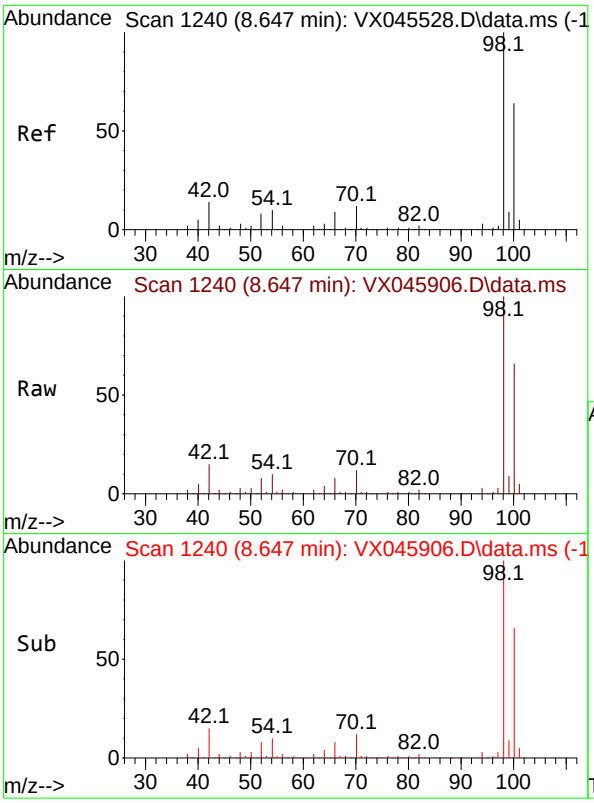


#35
Dibromofluoromethane
Concen: 51.009 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

Tgt Ion:113 Resp: 46889

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.8	122.6
192	16.9	13.8	20.6



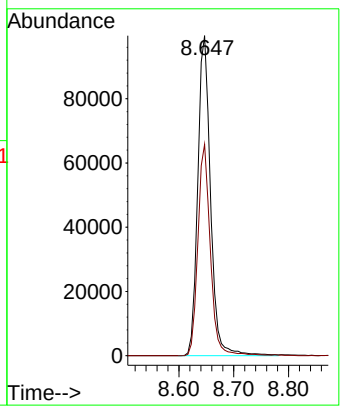


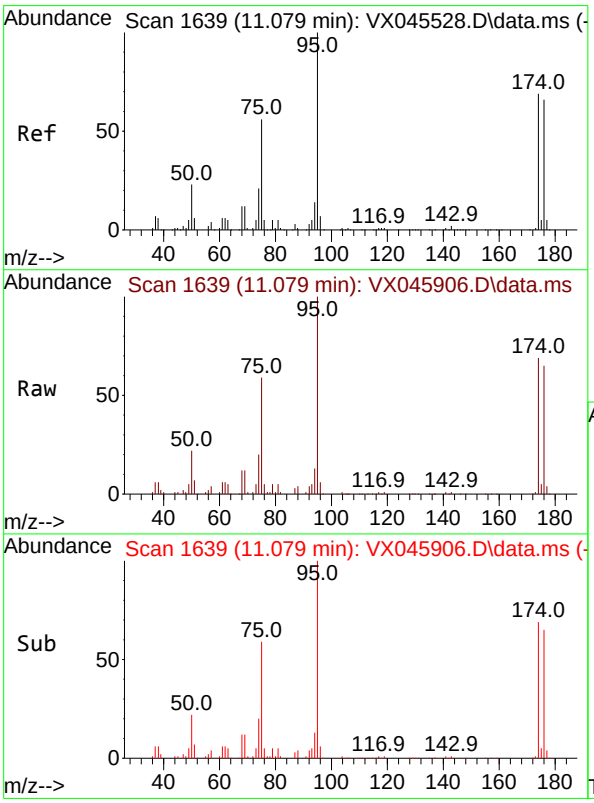
#50
Toluene-d8
Concen: 50.366 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

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

Tgt Ion: 98 Resp: 161600

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.4

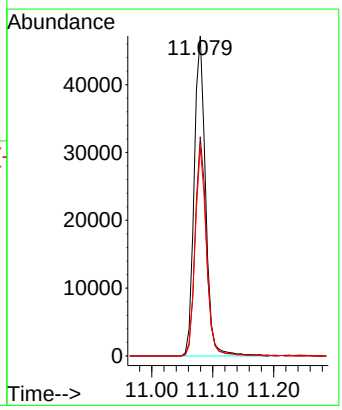


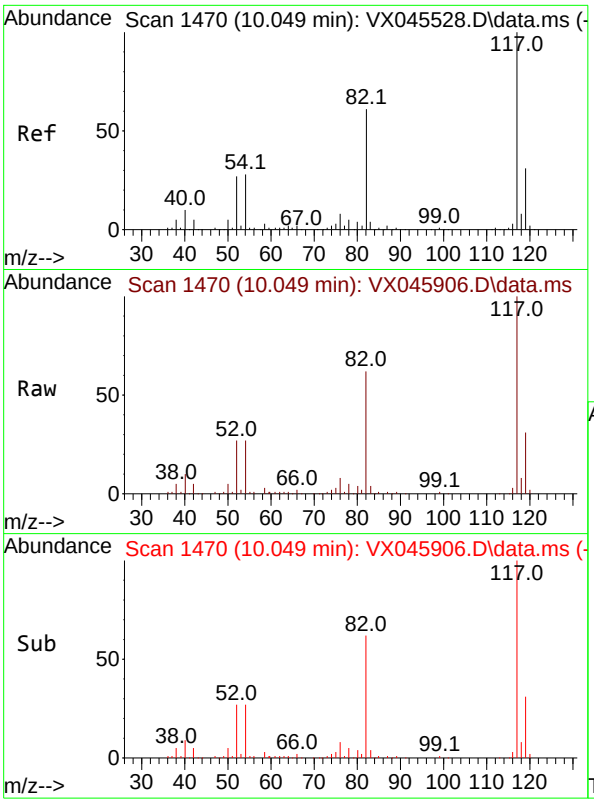


#62
4-Bromofluorobenzene
Concen: 52.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

Tgt Ion: 95 Resp: 61297

Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	135.8
176	64.7	0.0	131.4



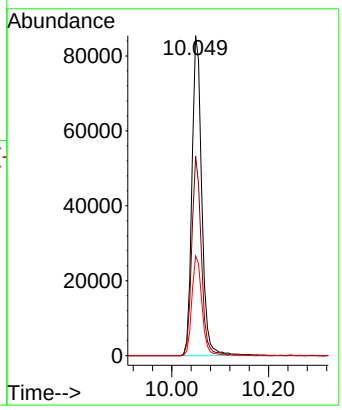


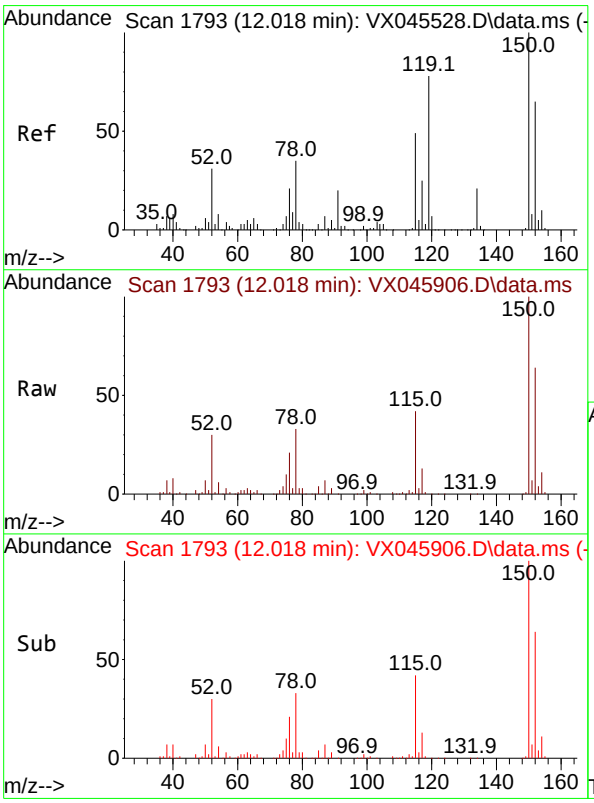
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

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

Tgt Ion:117 Resp: 120320

Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.2	73.8
119	31.2	25.1	37.7

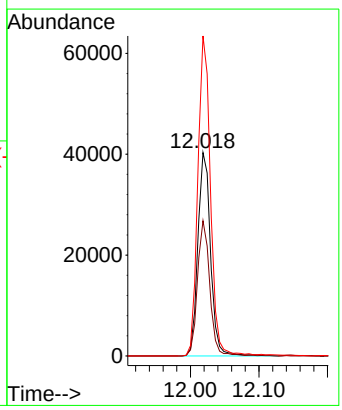




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045906.D
Acq: 23 Apr 2025 12:41

Tgt Ion:152 Resp: 52258

Ion	Ratio	Lower	Upper
152	100		
115	64.3	46.9	140.7
150	155.9	0.0	349.4



Raw Data: **VX045907.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1837
Lab Sample ID:	Q1837-03	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045907.D	1		04/23/25 13:04	VX042325

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	UQ	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	UQ	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

Raw Data: **VX045907.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1837
Lab Sample ID:	Q1837-03	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045907.D	1		04/23/25 13:04	VX042325

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

Raw Data: **VX045907.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1837
Lab Sample ID:	Q1837-03	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045907.D	1		04/23/25 13:04	VX042325

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	54.1		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.8		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65000	5.55			
540-36-3	1,4-Difluorobenzene	126000	6.757			
3114-55-4	Chlorobenzene-d5	114000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	44700	12.018			

Raw Data: **VX045907.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1837
Lab Sample ID:	Q1837-03	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045907.D	1		04/23/25 13:04	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VX045907.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045907.D
Acq On : 23 Apr 2025 13:04
Operator : JC/MD
Sample : Q1837-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

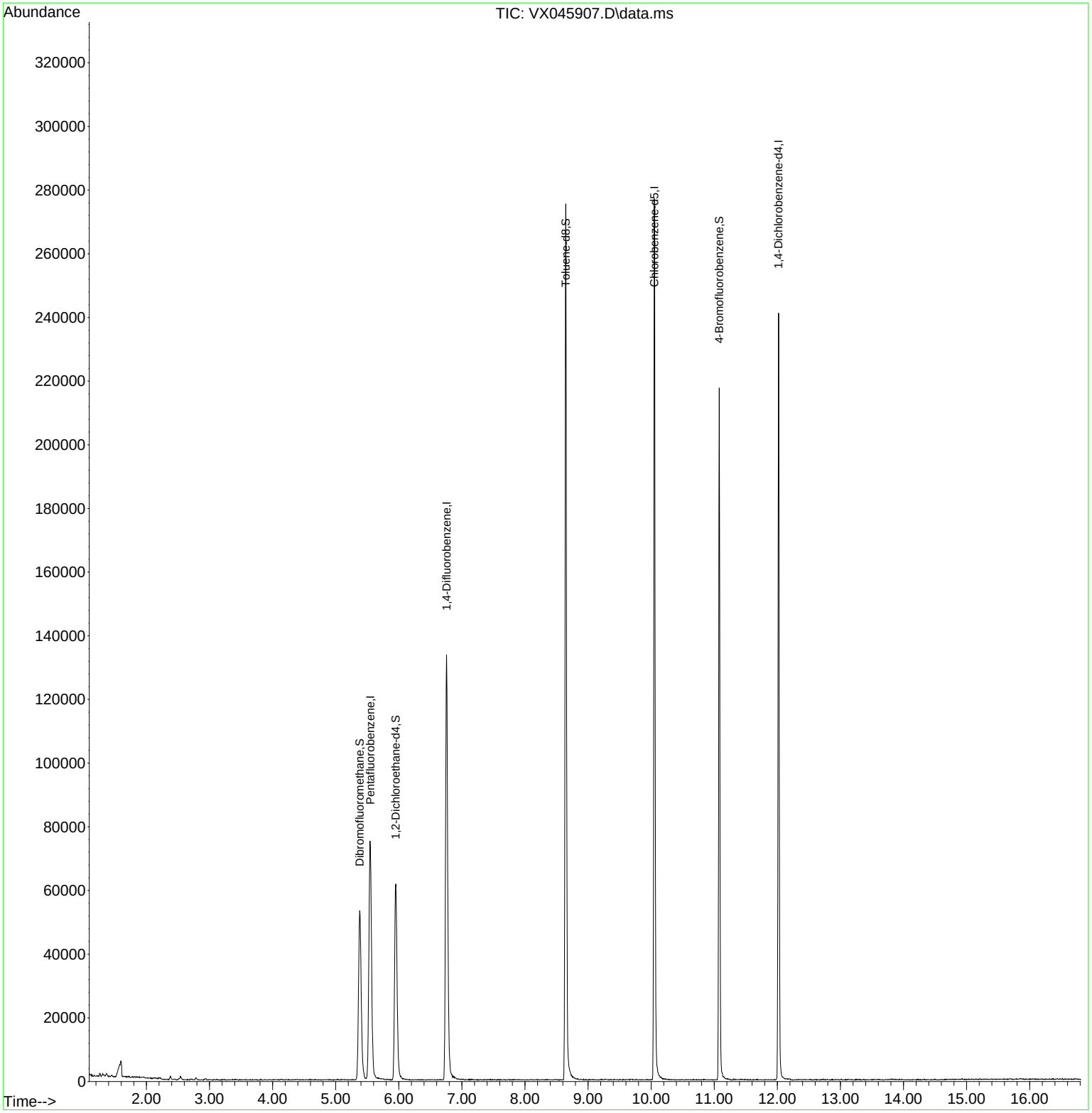
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	64952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64204	54.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.100%			
35) Dibromofluoromethane	5.379	113	45530	50.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.647	98	159117	50.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	55851	48.984	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.960%			
Target Compounds						Qvalue

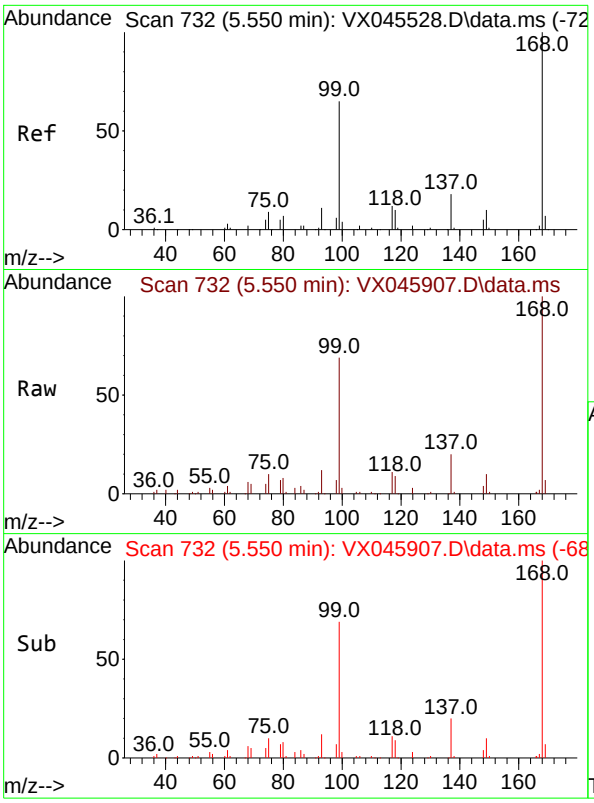
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045907.D
Acq On : 23 Apr 2025 13:04
Operator : JC/MD
Sample : Q1837-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



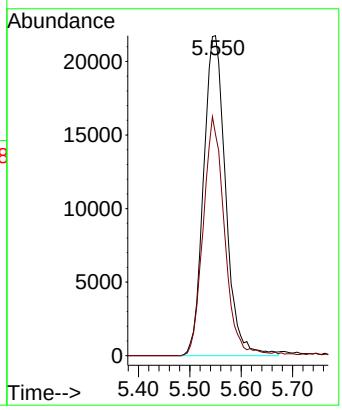


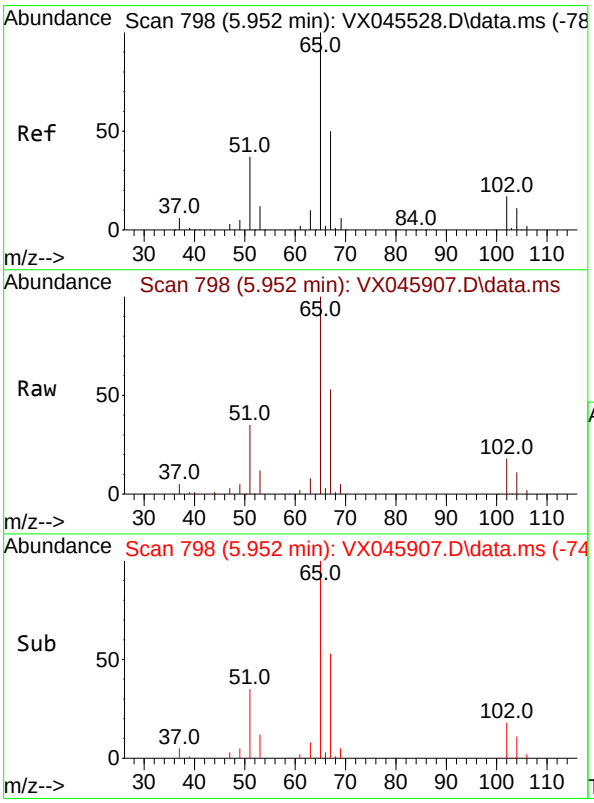
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

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

Tgt Ion:168 Resp: 64952

Ion	Ratio	Lower	Upper
168	100		
99	69.2	52.3	78.5

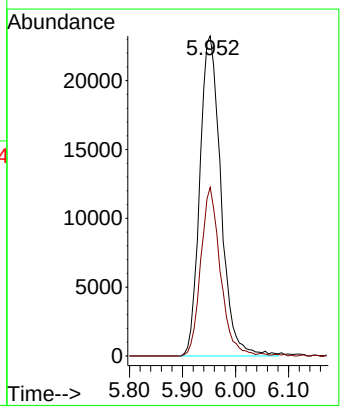


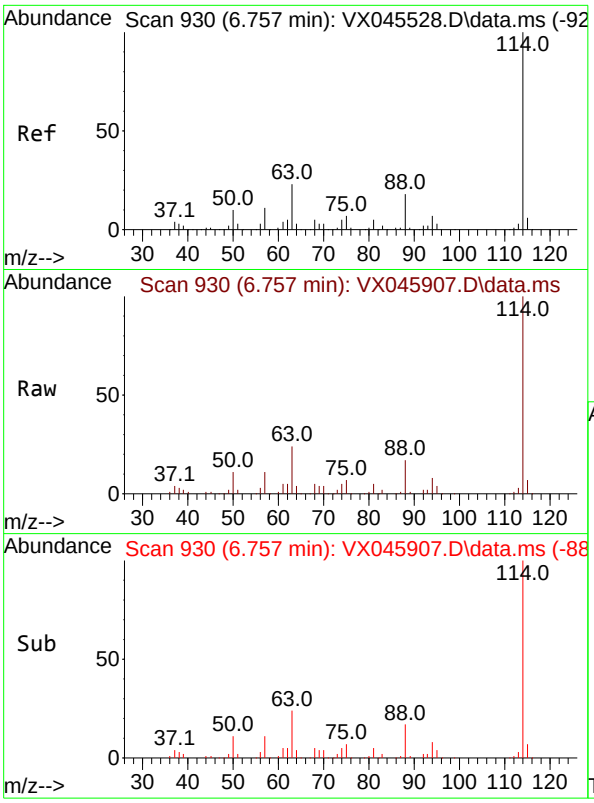


#33
1,2-Dichloroethane-d4
Concen: 54.053 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 65 Resp: 64204

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.0



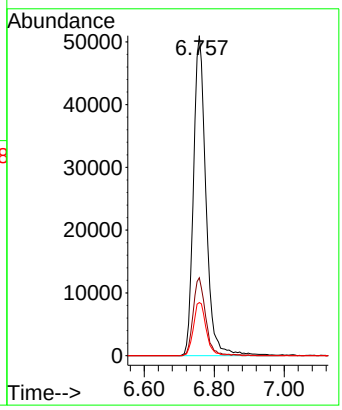


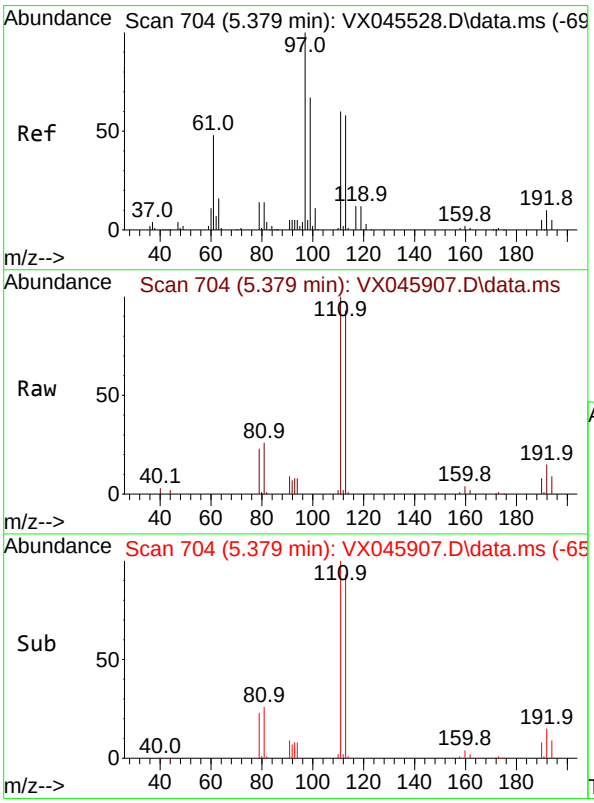
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

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

Tgt Ion:114 Resp: 126402

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.8
88	16.6	0.0	35.4

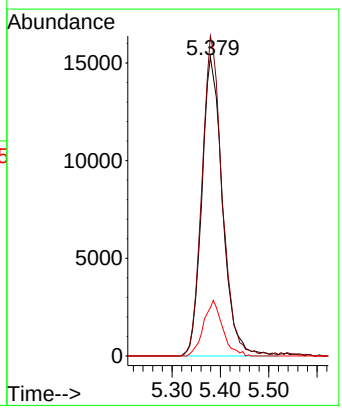


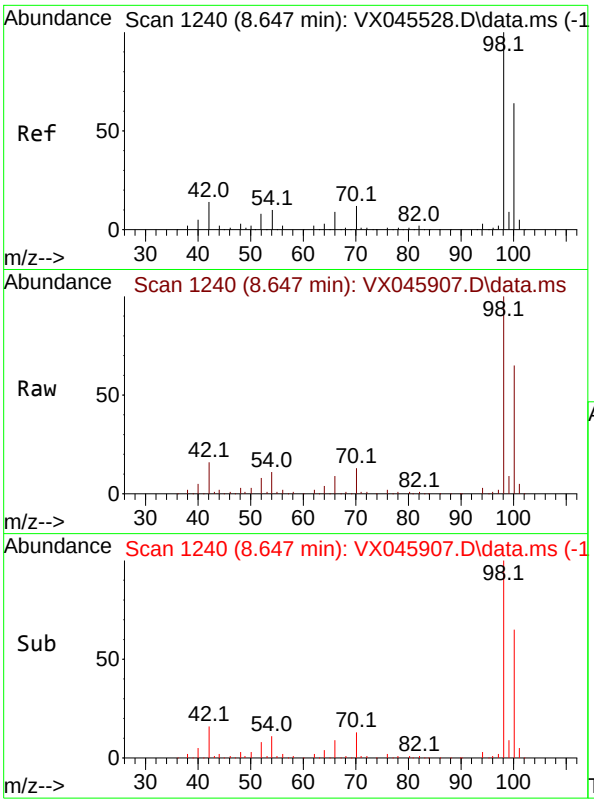


#35
Dibromofluoromethane
Concen: 50.768 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion:113 Resp: 45530

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	17.1	13.8	20.6



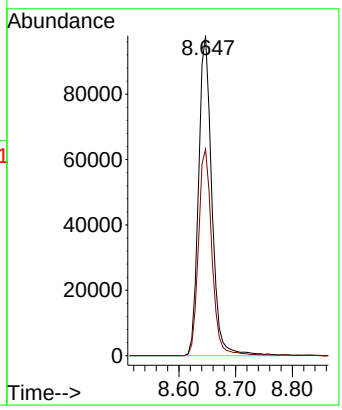


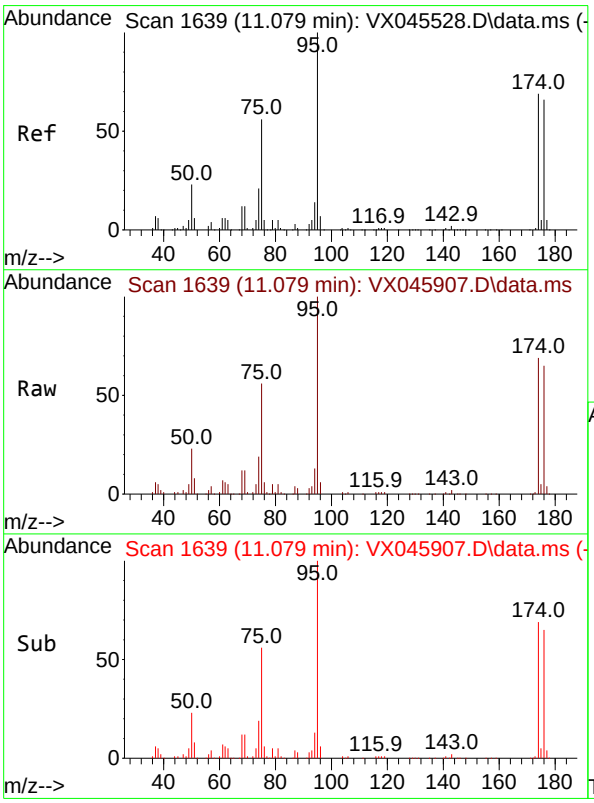
#50
Toluene-d8
Concen: 50.832 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

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

Tgt Ion: 98 Resp: 159117

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.4

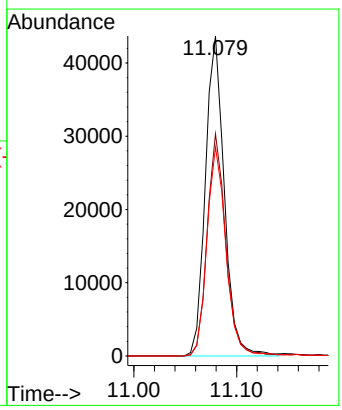


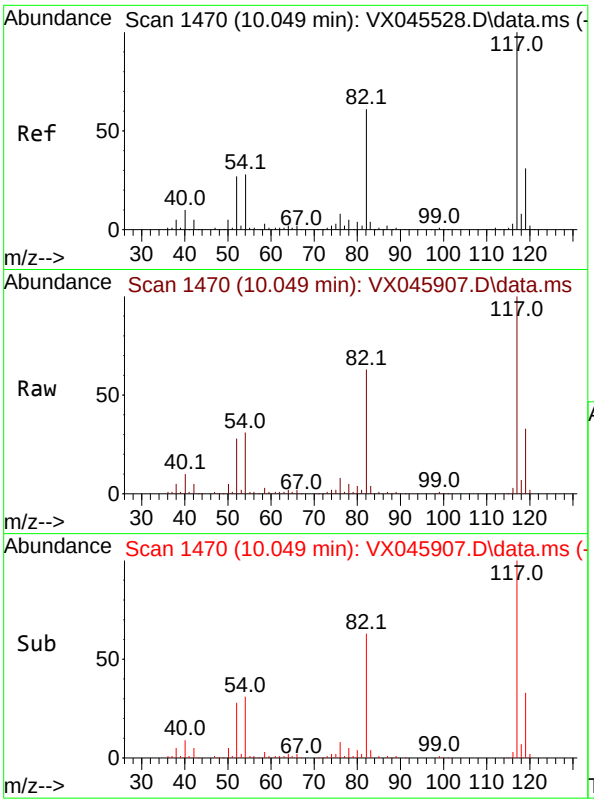


#62
4-Bromofluorobenzene
Concen: 48.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 95 Resp: 55851

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	135.8
176	65.9	0.0	131.4



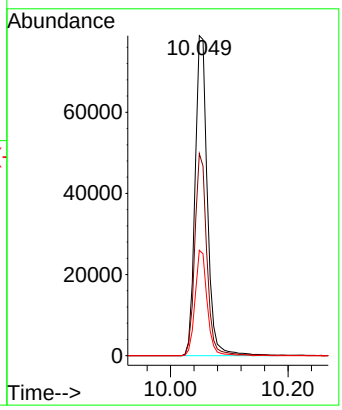


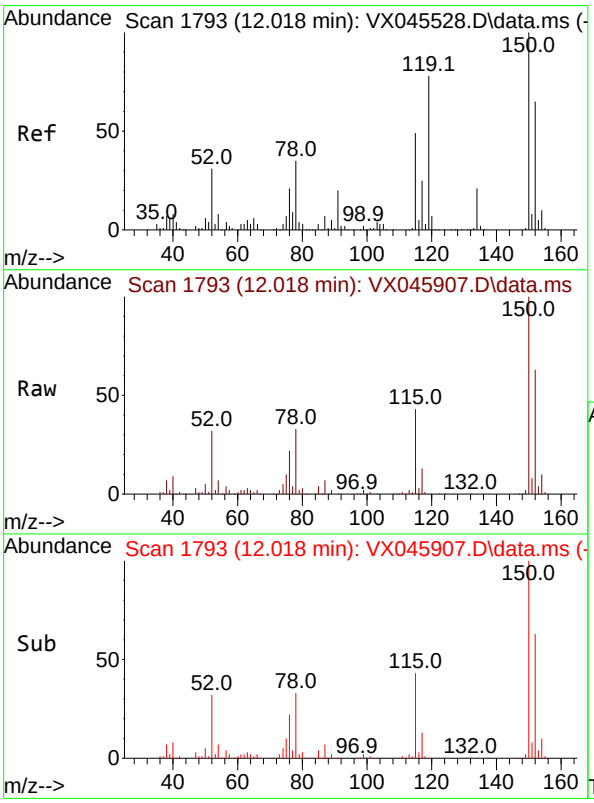
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

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

Tgt Ion:117 Resp: 114402

Ion	Ratio	Lower	Upper
117	100		
82	63.1	49.2	73.8
119	33.0	25.1	37.7

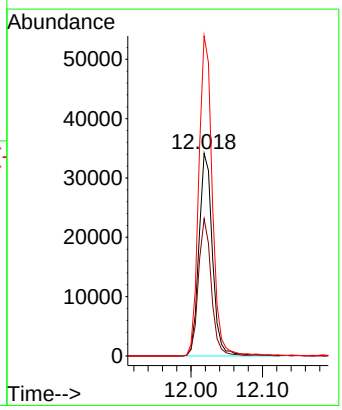




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion:152 Resp: 44728

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	158.6	0.0	349.4



Raw Data: **VX045908.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q1837
Lab Sample ID:	Q1837-04	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045908.D	1		04/23/25 13:27	VX042325

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	UQ	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	UQ	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

Raw Data: **VX045908.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q1837
Lab Sample ID:	Q1837-04	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045908.D	1		04/23/25 13:27	VX042325

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

Raw Data: **VX045908.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q1837
Lab Sample ID:	Q1837-04	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045908.D	1		04/23/25 13:27	VX042325

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	53.9		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.5		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	67400	5.55			
540-36-3	1,4-Difluorobenzene	132000	6.757			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	51700	12.018			

Raw Data: **VX045908.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q1837
Lab Sample ID:	Q1837-04	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045908.D	1		04/23/25 13:27	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045908.D
Acq On : 23 Apr 2025 13:27
Operator : JC/MD
Sample : Q1837-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

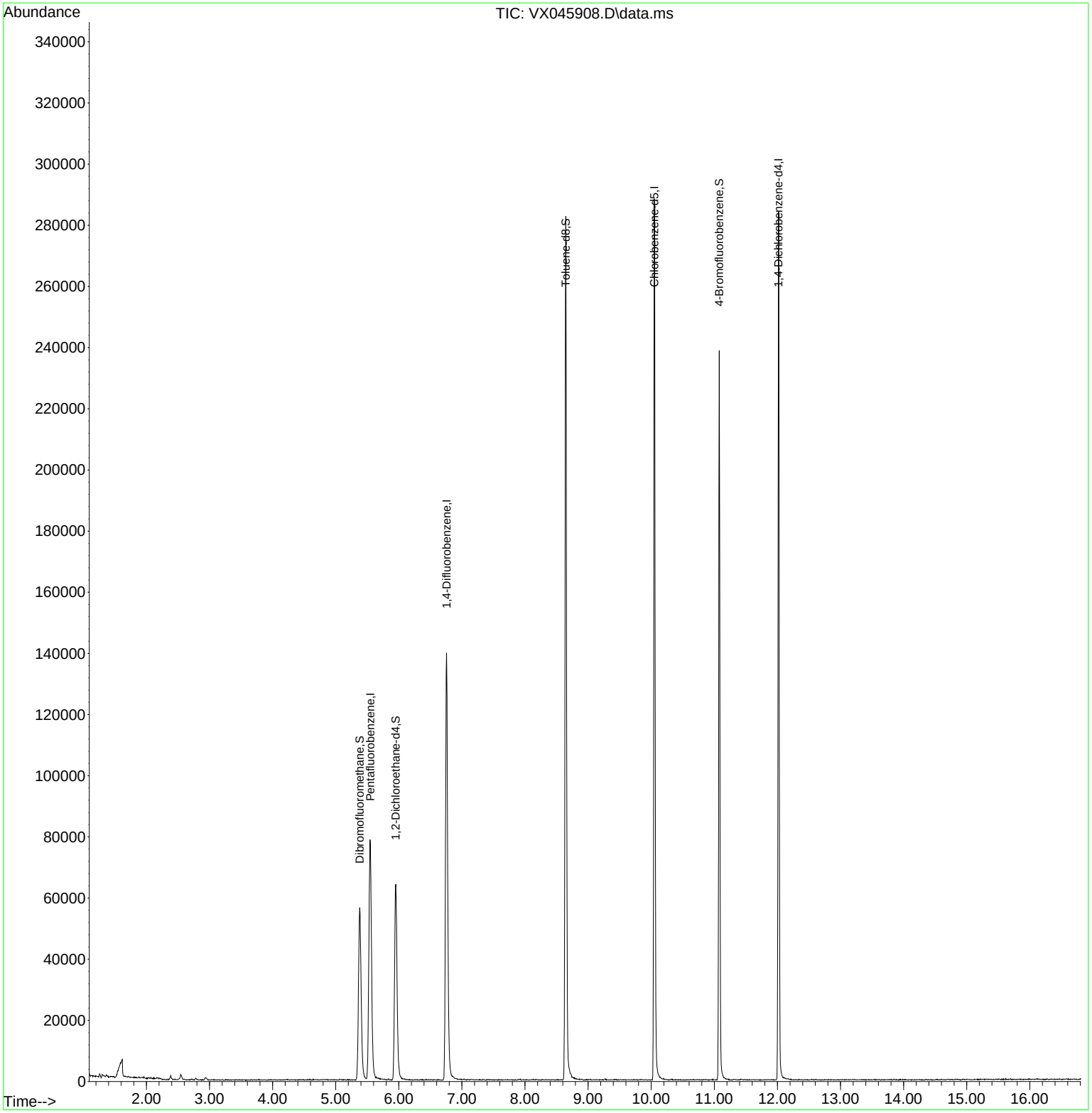
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	67417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66418	53.872	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.740%			
35) Dibromofluoromethane	5.379	113	47825	50.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.647	98	165334	50.496	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.000%			
62) 4-Bromofluorobenzene	11.079	95	62037	52.017	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.040%			
Target Compounds						Qvalue

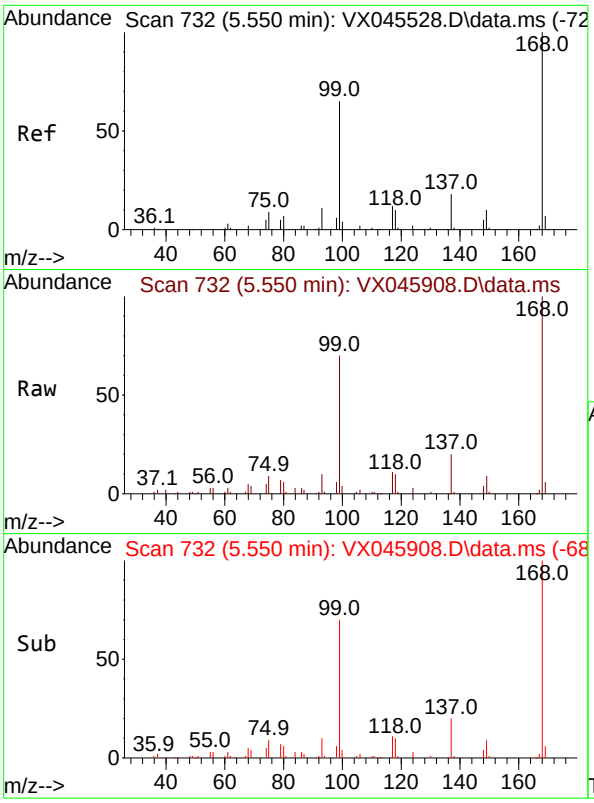
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045908.D
Acq On : 23 Apr 2025 13:27
Operator : JC/MD
Sample : Q1837-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



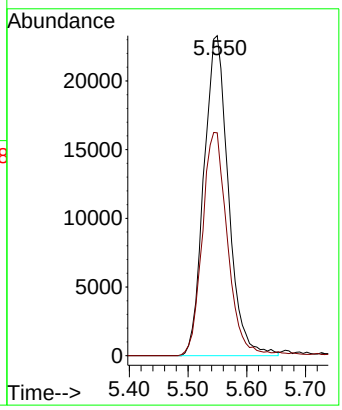


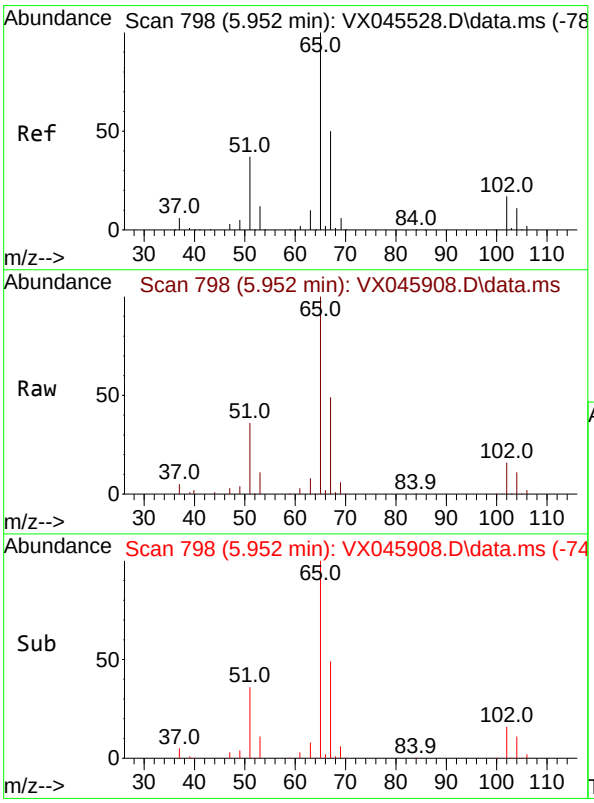
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

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

Tgt Ion:168 Resp: 67417

Ion	Ratio	Lower	Upper
168	100		
99	69.7	52.3	78.5

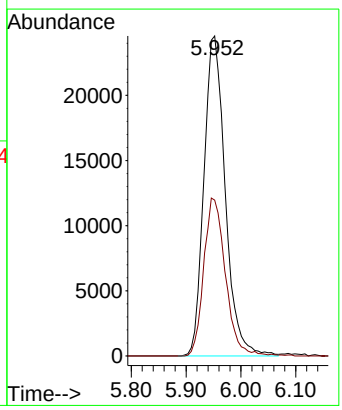


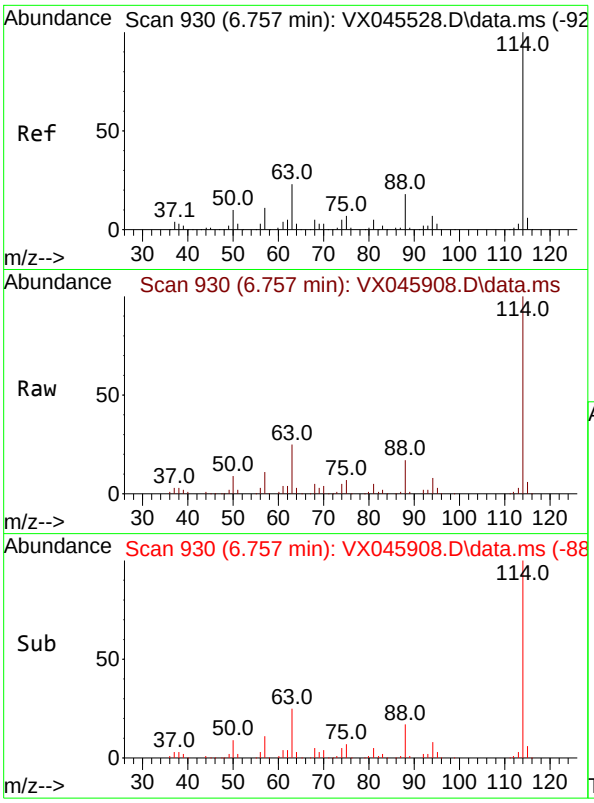


#33
1,2-Dichloroethane-d4
Concen: 53.872 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 65 Resp: 66418

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.0



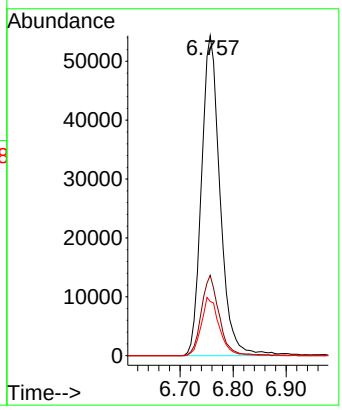


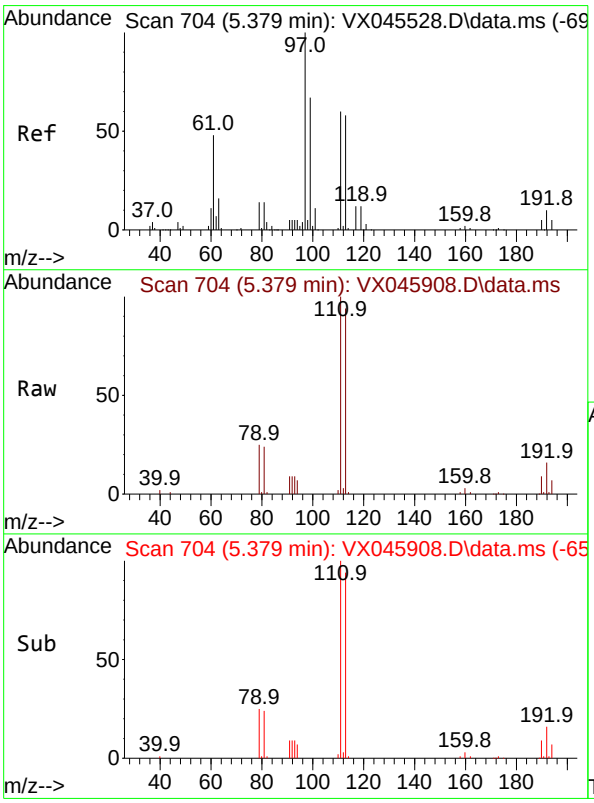
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

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

Tgt Ion:114 Resp: 132215

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	46.8
88	17.0	0.0	35.4

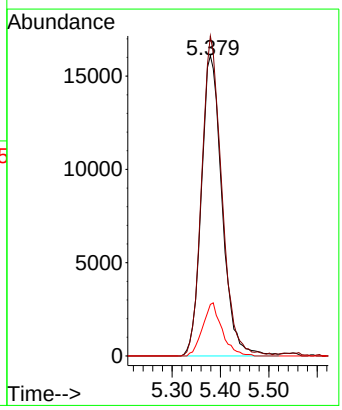


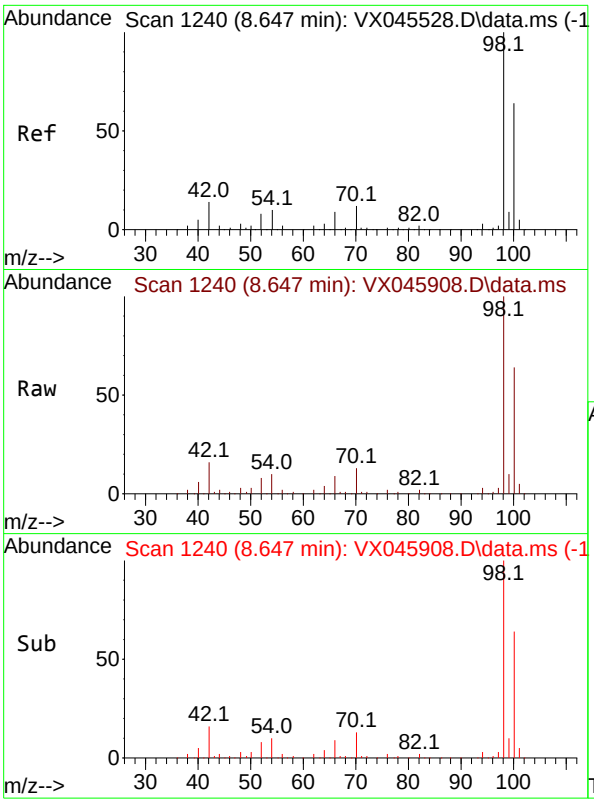


#35
Dibromofluoromethane
Concen: 50.983 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion:113 Resp: 47825

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	16.5	13.8	20.6



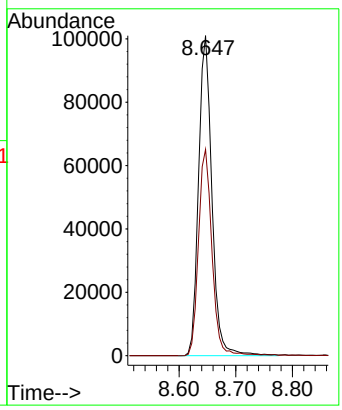


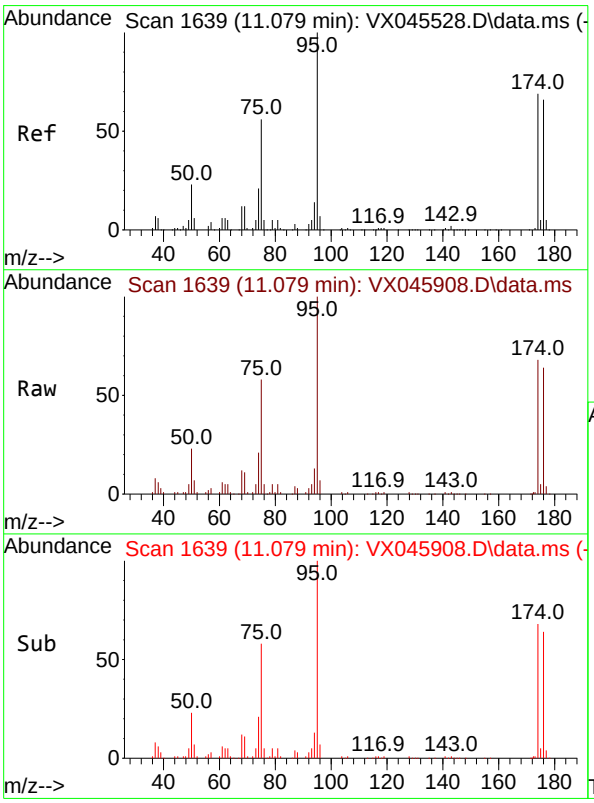
#50
Toluene-d8
Concen: 50.496 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

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

Tgt Ion: 98 Resp: 165334

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.4

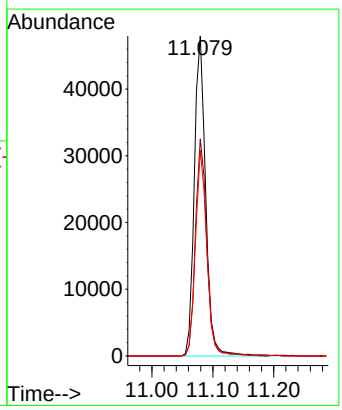


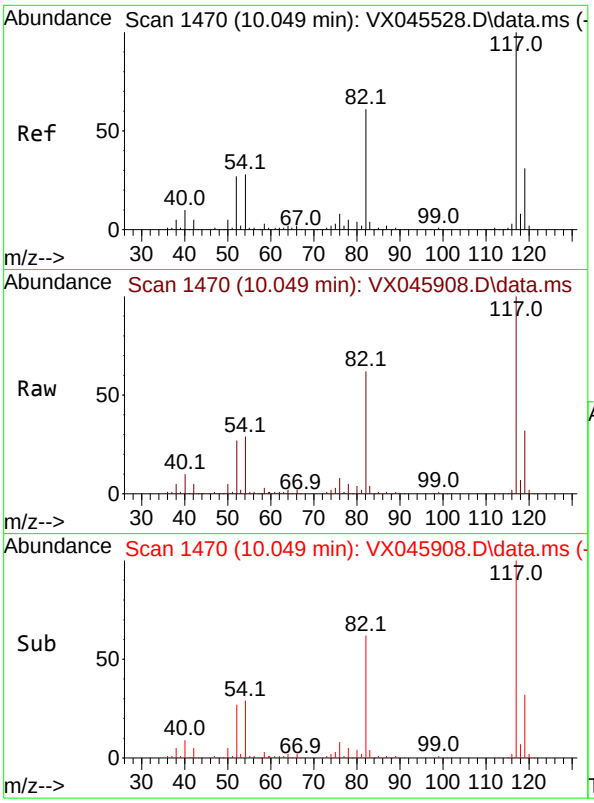


#62
4-Bromofluorobenzene
Concen: 52.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 95 Resp: 62037

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	135.8
176	64.1	0.0	131.4



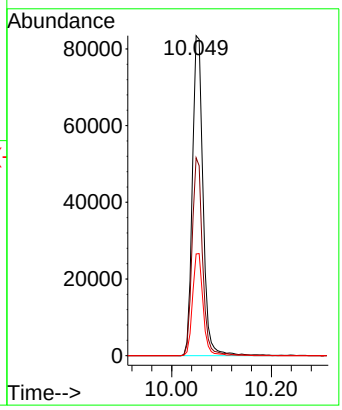


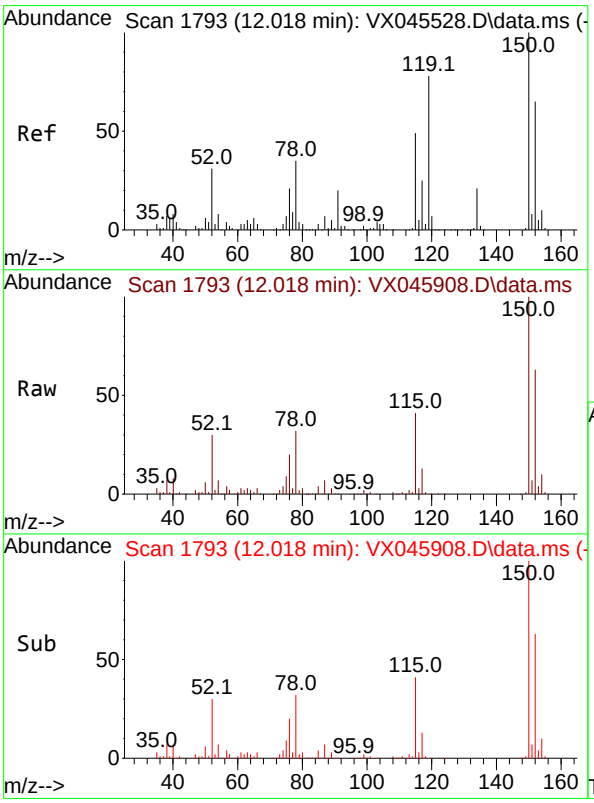
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

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

Tgt Ion:117 Resp: 123647

Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.2	73.8
119	31.8	25.1	37.7

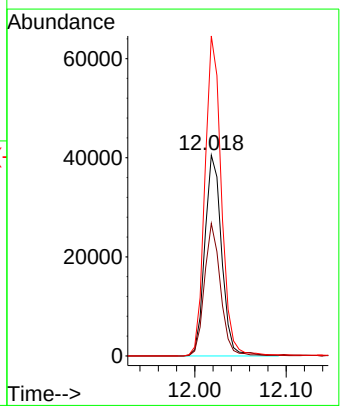




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045908.D
Acq: 23 Apr 2025 13:27

Tgt Ion:152 Resp: 51694

Ion	Ratio	Lower	Upper
152	100		
115	63.5	46.9	140.7
150	155.9	0.0	349.4



CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG No.: Q1837

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.1
Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.1
Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.4
Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.1
Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.2
Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.3
Trichlorofluoromethane	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.2
1,1,2-Trichlorotrifluoroethane	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.7
Tert butyl alcohol		0.111	0.124	0.127	0.128	0.124	0.123	5.4
1,1-Dichloroethene	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.5
Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.4
Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.4
Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.3
Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.2
Methyl tert-butyl Ether	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.2
Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.2
Methylene Chloride	0.692	0.695	0.726	0.709	0.705	0.690	0.703	2
trans-1,2-Dichloroethene	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.9
Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.3
1,1-Dichloroethane	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3
Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4
2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.5
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5
2,2-Dichloropropane	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.7
cis-1,2-Dichloroethene	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.4
Bromochloromethane	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.2
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6
1,1,1-Trichloroethane	1.028	1.052	1.120	1.109	1.153	1.167	1.105	5
Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.8
1,1-Dichloropropene	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.3

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

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG No.: Q1837

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8
1,2-Dichloroethane	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.7
Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.7
1,2-Dichloropropane	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.8
Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.8
Bromodichloromethane	0.521	0.519	0.576	0.572	0.587	0.583	0.560	5.6
4-Methyl-2-Pentanone	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.6
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8
t-1,3-Dichloropropene	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.3
cis-1,3-Dichloropropene	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.9
1,1,2-Trichloroethane	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.1
1,3-Dichloropropane	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.5
2-Chloroethyl Vinyl ether	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.3
2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.1
Dibromochloromethane	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.1
1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.1
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5
Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.8
1,1,1,2-Tetrachloroethane	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.2
Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.1
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2
Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.8
Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.1
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2
1,1,2,2-Tetrachloroethane	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.4
1,2,3-Trichloropropane	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.7
Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.8
n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.6

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG No.: Q1837

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.2
1,3,5-Trimethylbenzene	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.3
4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.9
tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.8
1,2,4-Trimethylbenzene	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.6
sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.1
p-Isopropyltoluene	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.6
1,3-Dichlorobenzene	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.7
1,4-Dichlorobenzene	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.1
n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.5
1,2-Dichlorobenzene	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.3
1,2-Dibromo-3-Chloropropane	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.4
1,2,4-Trichlorobenzene	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.1
Hexachlorobutadiene	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4
Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.9
1,2,3-Trichlorobenzene	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.6
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025
Response Via : Initial Calibration

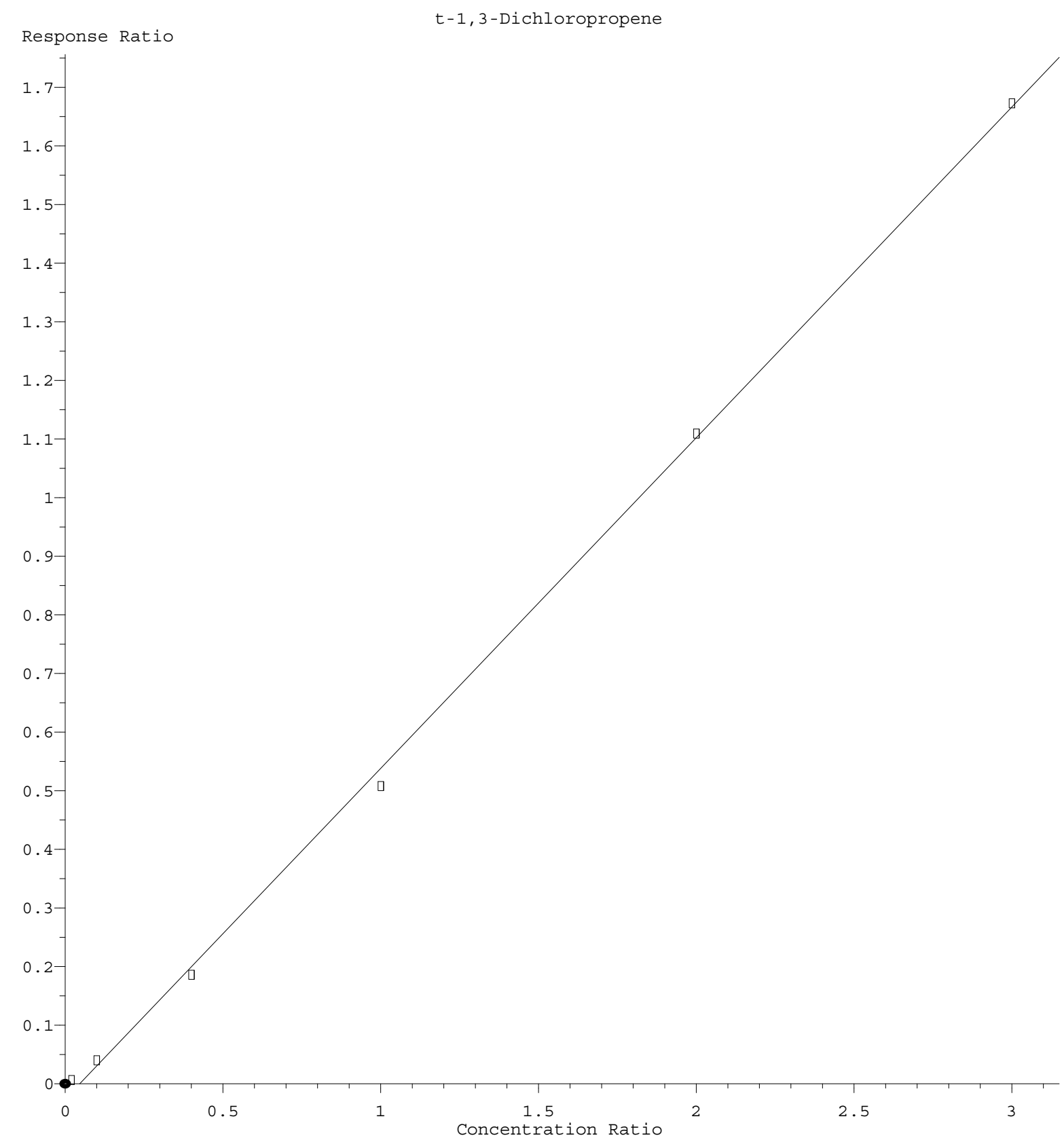
Calibration Files
1 =VX045525.D 5 =VX045526.D 20 =VX045527.D 50 =VX045528.D 100 =VX045529.D 150 =VX045530.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.13
3)	P	Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.05
4)	C	Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.43#
5)	T	Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.20
6)	T	Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.27
7)	T	Trichlorofluor...	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.22
8)	T	Diethyl Ether	0.345	0.340	0.356	0.355	0.358	0.357	0.352	2.11
9)	T	1,1,2-Trichlor...	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.74
10)	T	Methyl Iodide		0.705	0.789	0.799	0.788	0.750	0.766	5.08
11)	T	Tert butyl alc...		0.111	0.124	0.127	0.128	0.124	0.123	5.44
12)	CM	1,1-Dichloroet...	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.51#
13)	T	Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.41
14)	T	Allyl chloride	1.092	1.068	1.142	1.172	1.199	1.160	1.139	4.36
15)	T	Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.38
16)	T	Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.28
17)	T	Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.24
18)	T	Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.22
19)	T	Methyl tert-bu...	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.20
20)	T	Methylene Chlo...	0.692	0.695	0.726	0.709	0.705	0.690	0.703	1.96
21)	T	trans-1,2-Dich...	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.94
22)	T	Diisopropyl ether	2.003	2.120	2.329	2.293	2.359	2.357	2.243	6.59
23)	T	Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.34
24)	P	1,1-Dichloroet...	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3.01
25)	T	2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.55
26)	T	2,2-Dichloropr...	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.67
27)	T	cis-1,2-Dichlo...	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.43
28)	T	Bromochloromet...	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.18
29)	T	Tetrahydrofuran	0.339	0.341	0.371	0.371	0.364	0.352	0.356	4.05
30)	C	Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.60#
31)	T	Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4.00
32)	T	1,1,1-Trichlor...	1.028	1.052	1.120	1.109	1.153	1.167	1.105	4.96
33)	S	1,2-Dichloroet...		0.962	0.900	0.868	0.904	0.937	0.914	3.94
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.372	0.342	0.345	0.353	0.362	0.355	3.48
36)	T	1,1-Dichloropr...	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.26
37)	T	Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.15
38)	T	Carbon Tetrach...	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.49
39)	T	Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.76
40)	TM	Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.81
41)	T	Methacrylonitrile	0.252	0.276	0.338	0.351	0.350	0.343	0.318	13.52
42)	TM	1,2-Dichloroet...	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.72
43)	T	Isopropyl Acetate	0.735	0.831	0.952	0.978	1.002	0.991	0.915	11.77
44)	TM	Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.67
45)	C	1,2-Dichloropr...	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.83#
46)	T	Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.76
47)	T	Bromodichlorom...	0.521	0.519	0.576	0.571	0.587	0.583	0.560	5.56
48)	T	Methyl methacr...	0.405	0.416	0.486	0.508	0.518	0.502	0.472	10.44
49)	T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.009	0.008	0.009	13.93
50)	S	Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.50
51)	T	4-Methyl-2-Pen...	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.57
52)	CM	Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.79#
53)	T	t-1,3-Dichloro...	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.27
54)	T	cis-1,3-Dichlo...	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.88
55)	T	1,1,2-Trichlor...	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.11
56)	T	Ethyl methacry...	0.407	0.482	0.562	0.600	0.629	0.595	0.546	15.54

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X040225W.M

57)	T	1,3-Dichloropr...	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.49
58)	T	2-Chloroethyl ...	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.26
59)	T	2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.14
60)	T	Dibromochlorom...	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.06
61)	T	1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.12
62)	S	4-Bromofluorob...		0.413	0.448	0.453	0.481	0.460	0.451	5.45
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.47
65)	PM	Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.83
66)	T	1,1,1,2-Tetrac...	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.18
67)	C	Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.89#
68)	T	m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.92
69)	T	o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.17
70)	T	Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.82
71)	P	Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.07
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.17
74)	T	N-amyl acetate	1.442	1.682	1.960	2.058	2.132	2.221	1.916	15.51
75)	P	1,1,2,2-Tetrac...	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.43
76)	T	1,2,3-Trichlor...	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.71
77)	T	Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.77
78)	T	n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.59
79)	T	2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.19
80)	T	1,3,5-Trimethy...	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.35
81)	T	trans-1,4-Dich...		0.274	0.323	0.371	0.401	0.428	0.359	17.16
82)	T	4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.93
83)	T	tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.78
84)	T	1,2,4-Trimethy...	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.57
85)	T	sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.12
86)	T	p-Isopropyltol...	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.63
87)	T	1,3-Dichlorobe...	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.70
88)	T	1,4-Dichlorobe...	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.09
89)	T	n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.50
90)	T	Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.14
91)	T	1,2-Dichlorobe...	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.34
92)	T	1,2-Dibromo-3-...	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.37
93)	T	1,2,4-Trichlor...	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.07
94)	T	Hexachlorobuta...	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4.03
95)	T	Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.93
96)	T	1,2,3-Trichlor...	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.63

(#) = Out of Range



Response = 5.639e-001 * Amt - 2.582e-002
Coef of Det (r^2) = 0.999232 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040225W.M
Calibration Table Last Updated: Wed Apr 02 03:11:43 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	96737	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	175266	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	153312	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61114	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 74 - 125		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 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	1189	0.822	ug/l		94
3) Chloromethane	1.307	50	1479	0.995	ug/l	#	86
4) Vinyl Chloride	1.374	62	1299	0.955	ug/l		98
6) Chloroethane	1.673	64	732	1.014	ug/l	#	67
7) Trichlorofluoromethane	1.880	101	2034	1.003	ug/l		93
8) Diethyl Ether	2.130	74	668	0.981	ug/l		83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1113	0.936	ug/l		94
12) 1,1-Dichloroethene	2.313	96	1090	0.939	ug/l		95
14) Allyl chloride	2.660	41	2113	0.959	ug/l		93
15) Acrylonitrile	3.075	53	3446	4.592	ug/l		95
16) Acetone	2.380	43	3867	5.323	ug/l		98
17) Carbon Disulfide	2.508	76	2580	0.899	ug/l	#	95
18) Methyl Acetate	2.703	43	1744	1.043	ug/l		91
19) Methyl tert-butyl Ether	3.117	73	3705	0.912	ug/l		92
20) Methylene Chloride	2.782	84	1338	0.984	ug/l		91
21) trans-1,2-Dichloroethene	3.087	96	1111	0.936	ug/l	#	93
22) Diisopropyl ether	3.758	45	3875	0.893	ug/l	#	59
23) Vinyl Acetate	3.727	43	14921	3.979	ug/l		95
24) 1,1-Dichloroethane	3.611	63	2343	0.954	ug/l	#	90
25) 2-Butanone	4.581	43	4590	4.317	ug/l		92
26) 2,2-Dichloropropane	4.471	77	1307	0.824	ug/l		85
27) cis-1,2-Dichloroethene	4.495	96	1475	1.020	ug/l		80
28) Bromochloromethane	4.891	49	1298	1.094	ug/l	#	97
29) Tetrahydrofuran	5.032	42	3276	4.752	ug/l		97
30) Chloroform	5.093	83	2406	0.953	ug/l		84
32) 1,1,1-Trichloroethane	5.385	97	1989	0.931	ug/l	#	53
36) 1,1-Dichloropropene	5.696	75	1671	0.995	ug/l	#	89
37) Ethyl Acetate	4.751	43	2040	0.964	ug/l	#	76
38) Carbon Tetrachloride	5.672	117	1578	0.870	ug/l	#	91
39) Methylcyclohexane	7.379	83	1818	0.883	ug/l	#	89
40) Benzene	6.038	78	4957	0.967	ug/l		97
41) Methacrylonitrile	4.952	41	883m	0.784	ug/l		
42) 1,2-Dichloroethane	6.092	62	1867	0.882	ug/l		86
43) Isopropyl Acetate	6.361	43	2578	0.804	ug/l	#	86
44) Trichloroethene	7.123	130	1224	1.004	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1082	0.846	ug/l		90

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	831	0.846	ug/l		90
47) Bromodichloromethane	7.824	83	1827	0.931	ug/l	#	77
48) Methyl methacrylate	7.720	41	1419	0.857	ug/l		92
49) 1,4-Dioxane	7.671	88	458m	15.288	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	8746	4.114	ug/l		100
52) Toluene	8.720	92	2863	0.923	ug/l		96
53) t-1,3-Dichloropropene	8.988	75	1109	2.850	ug/l		93
54) cis-1,3-Dichloropropene	8.379	75	1300	0.705	ug/l		90
55) 1,1,2-Trichloroethane	9.159	97	1183	0.957	ug/l	#	76
56) Ethyl methacrylate	9.129	69	1425m	0.745	ug/l		
57) 1,3-Dichloropropane	9.311	76	1946	0.904	ug/l		91
58) 2-Chloroethyl Vinyl ether	8.245	63	3880	4.008	ug/l		93
59) 2-Hexanone	9.439	43	6360	4.040	ug/l		85
60) Dibromochloromethane	9.519	129	1097	0.814	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1032	0.825	ug/l		96
64) Tetrachloroethene	9.269	164	1062	0.981	ug/l		92
65) Chlorobenzene	10.080	112	2916	0.890	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.992	ug/l	#	64
67) Ethyl Benzene	10.195	91	4930	0.840	ug/l		90
68) m/p-Xylenes	10.305	106	3645	1.708	ug/l		97
69) o-Xylene	10.640	106	1724	0.820	ug/l		83
70) Styrene	10.659	104	2750	0.793	ug/l		94
71) Bromoform	10.805	173	675	0.795	ug/l	#	94
73) Isopropylbenzene	10.964	105	4377	0.894	ug/l		95
74) N-amyl acetate	10.854	43	1762	0.752	ug/l	#	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	1781	1.036	ug/l		94
76) 1,2,3-Trichloropropane	11.244	75	1493m	1.002	ug/l		
77) Bromobenzene	11.201	156	1072	0.948	ug/l		95
78) n-propylbenzene	11.305	91	4564	0.809	ug/l		97
79) 2-Chlorotoluene	11.366	91	3537	0.981	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	3582	0.885	ug/l		100
82) 4-Chlorotoluene	11.457	91	3619	0.900	ug/l		96
83) tert-Butylbenzene	11.713	119	3537	0.883	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	3552	0.874	ug/l		99
85) sec-Butylbenzene	11.890	105	3905	0.793	ug/l		98
86) p-Isopropyltoluene	12.012	119	3342	0.824	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	2026	0.984	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	2042m	0.978	ug/l		
89) n-Butylbenzene	12.335	91	2587	0.735	ug/l		99
90) Hexachloroethane	12.543	117	602	0.863	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	2009	0.981	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.665	ug/l	#	73
93) 1,2,4-Trichlorobenzene	13.591	180	888	0.779	ug/l		94
94) Hexachlorobutadiene	13.725	225	463	0.943	ug/l		90
95) Naphthalene	13.780	128	3109	0.733	ug/l		99
96) 1,2,3-Trichlorobenzene	13.969	180	956	0.801	ug/l		88

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

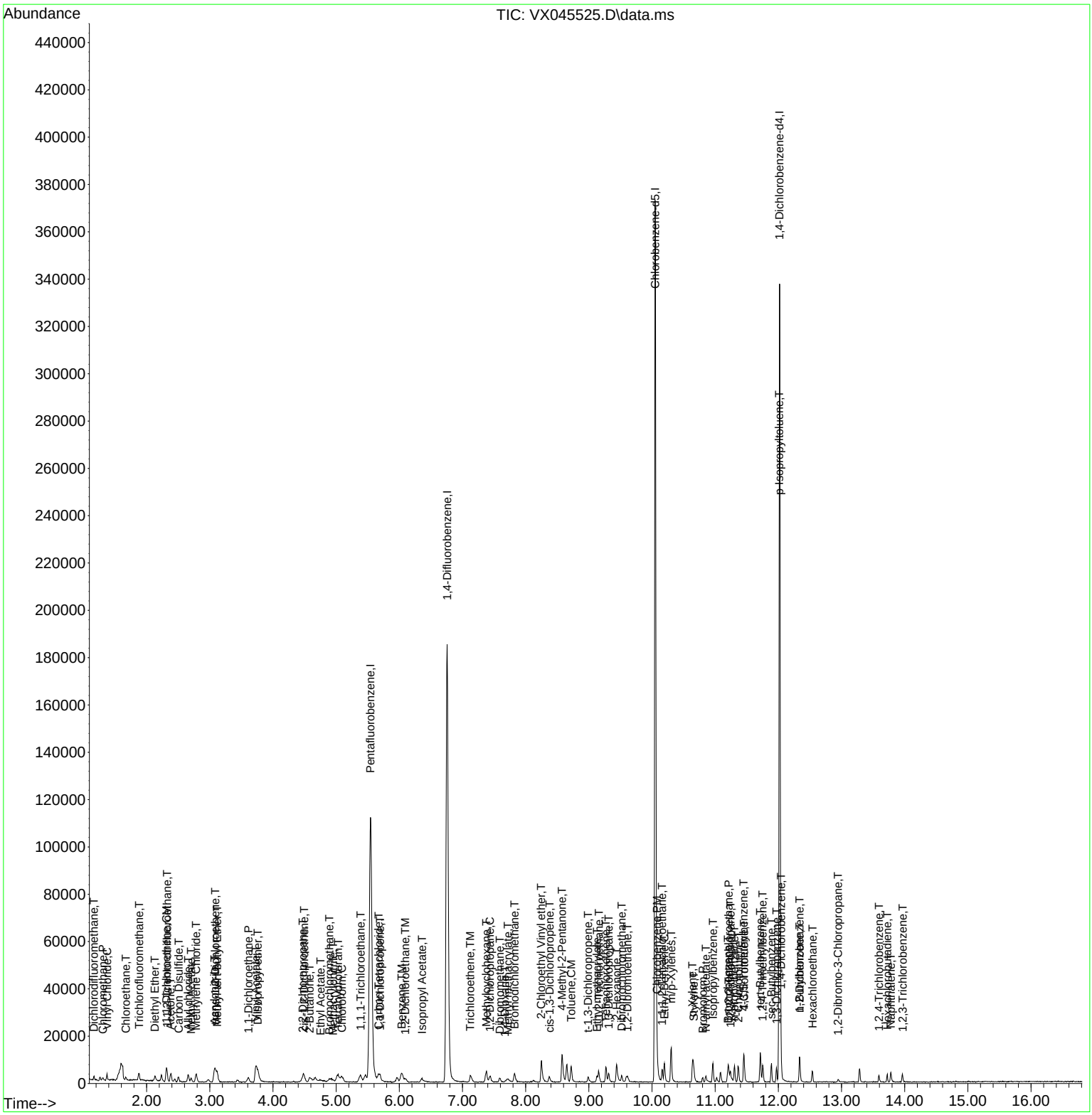
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.520%#			
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.480%#			
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 10.160%#			
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.160%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302	ug/l		92
42) 1,2-Dichloroethane	6.092	62	9713	4.838	ug/l		100
43) Isopropyl Acetate	6.348	43	13803	4.541	ug/l		97
44) Trichloroethene	7.129	130	5355	4.635	ug/l		99
45) 1,2-Dichloropropane	7.434	63	6060	4.997	ug/l		99
46) Dibromomethane	7.580	93	4767	5.120	ug/l		99
47) Bromodichloromethane	7.818	83	8619	4.636	ug/l	#	97
48) Methyl methacrylate	7.696	41	6908	4.401	ug/l		98
49) 1,4-Dioxane	7.665	88	3205	112.864	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844	ug/l		97
52) Toluene	8.714	92	14391	4.893	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898	ug/l		90
56) Ethyl methacrylate	9.116	69	8012	4.417	ug/l		95
57) 1,3-Dichloropropane	9.305	76	10208	5.002	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302	ug/l		99
59) 2-Hexanone	9.433	43	35628	23.875	ug/l		99
60) Dibromochloromethane	9.519	129	5855	4.582	ug/l		99
61) 1,2-Dibromoethane	9.610	107	5837	4.920	ug/l		98
64) Tetrachloroethene	9.275	164	5373	5.287	ug/l		93
65) Chlorobenzene	10.073	112	15178	4.935	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631	ug/l		97
67) Ethyl Benzene	10.195	91	26180	4.753	ug/l		97
68) m/p-Xylenes	10.299	106	19268	9.617	ug/l		99
69) o-Xylene	10.640	106	9735	4.932	ug/l		99
70) Styrene	10.653	104	15017	4.610	ug/l		96
71) Bromoform	10.799	173	3634	4.558	ug/l	#	95
73) Isopropylbenzene	10.964	105	24604	4.806	ug/l		100
74) N-amyl acetate	10.848	43	10750	4.390	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	8032m	5.152	ug/l		
77) Bromobenzene	11.195	156	5927	5.011	ug/l		97
78) n-propylbenzene	11.305	91	27777	4.711	ug/l		98
79) 2-Chlorotoluene	11.360	91	18358	4.870	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814	ug/l		85
82) 4-Chlorotoluene	11.457	91	20171	4.799	ug/l		99
83) tert-Butylbenzene	11.713	119	19962	4.763	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707	ug/l		99
85) sec-Butylbenzene	11.890	105	24465	4.753	ug/l		100
86) p-Isopropyltoluene	12.006	119	20178	4.755	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047	ug/l		93
89) n-Butylbenzene	12.329	91	15887	4.317	ug/l		98
90) Hexachloroethane	12.536	117	3151	4.320	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524	ug/l		95
94) Hexachlorobutadiene	13.719	225	2483	4.836	ug/l		98
95) Naphthalene	13.774	128	19618	4.424	ug/l		97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

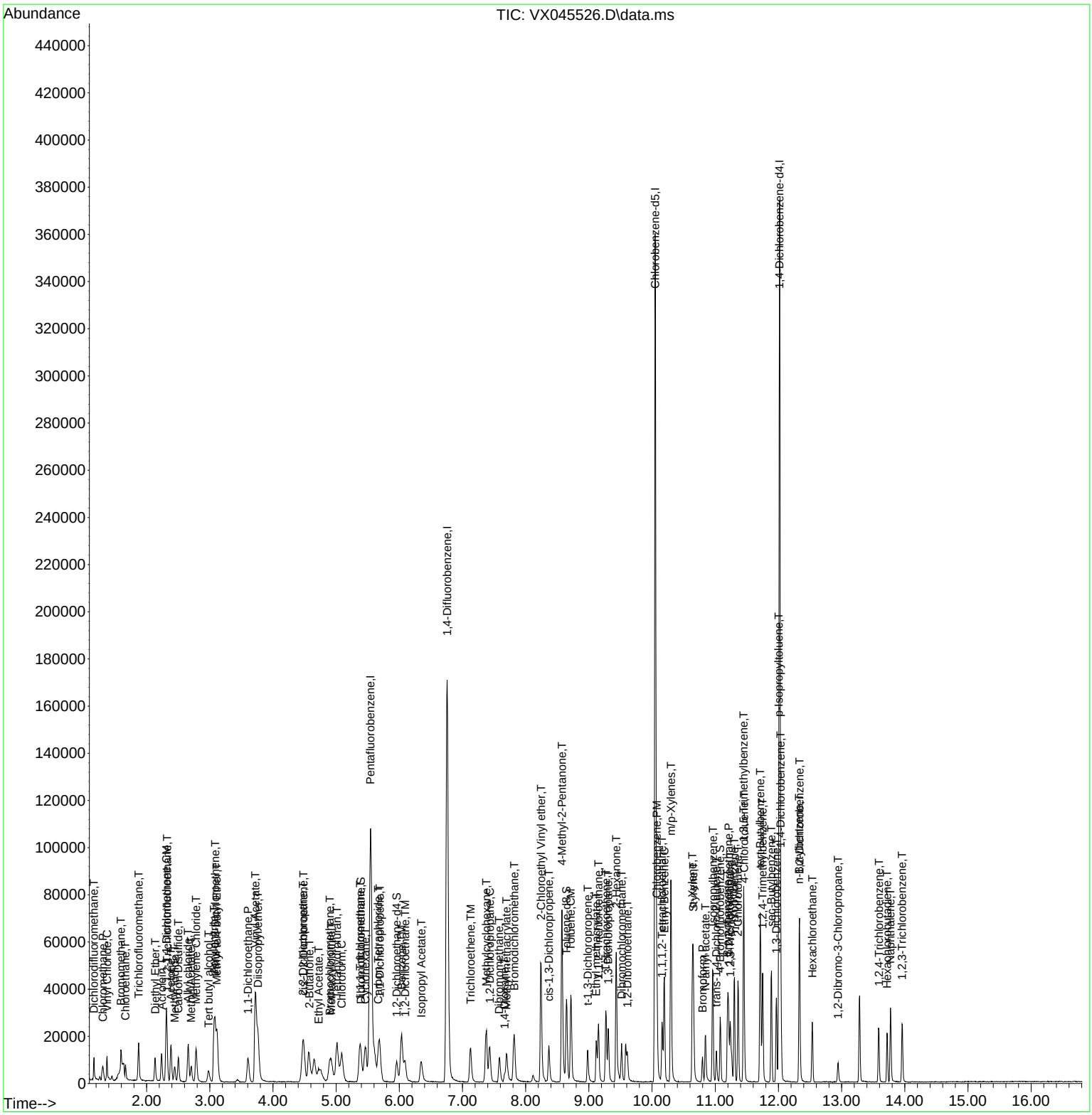
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.400%#		
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l		97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l		100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l		99
44) Trichloroethene	7.123	130	22918	20.501	ug/l		97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l		90
46) Dibromomethane	7.580	93	19104	21.207	ug/l		99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l		99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l		99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l		99
52) Toluene	8.714	92	60357	21.208	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l		96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l		99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l		100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l		99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l		98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l		99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l		98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l		98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l		99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l		99
69) o-Xylene	10.640	106	41803	21.158	ug/l		100
70) Styrene	10.653	104	69290	21.249	ug/l		99
71) Bromoform	10.799	173	15659	19.619	ug/l	#	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l		100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32690m	20.510	ug/l		
77) Bromobenzene	11.195	156	24902	20.592	ug/l		100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l		98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l		88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l		99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l		100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l		100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l		99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l		100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l		98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l		97
95) Naphthalene	13.774	128	94875	20.928	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

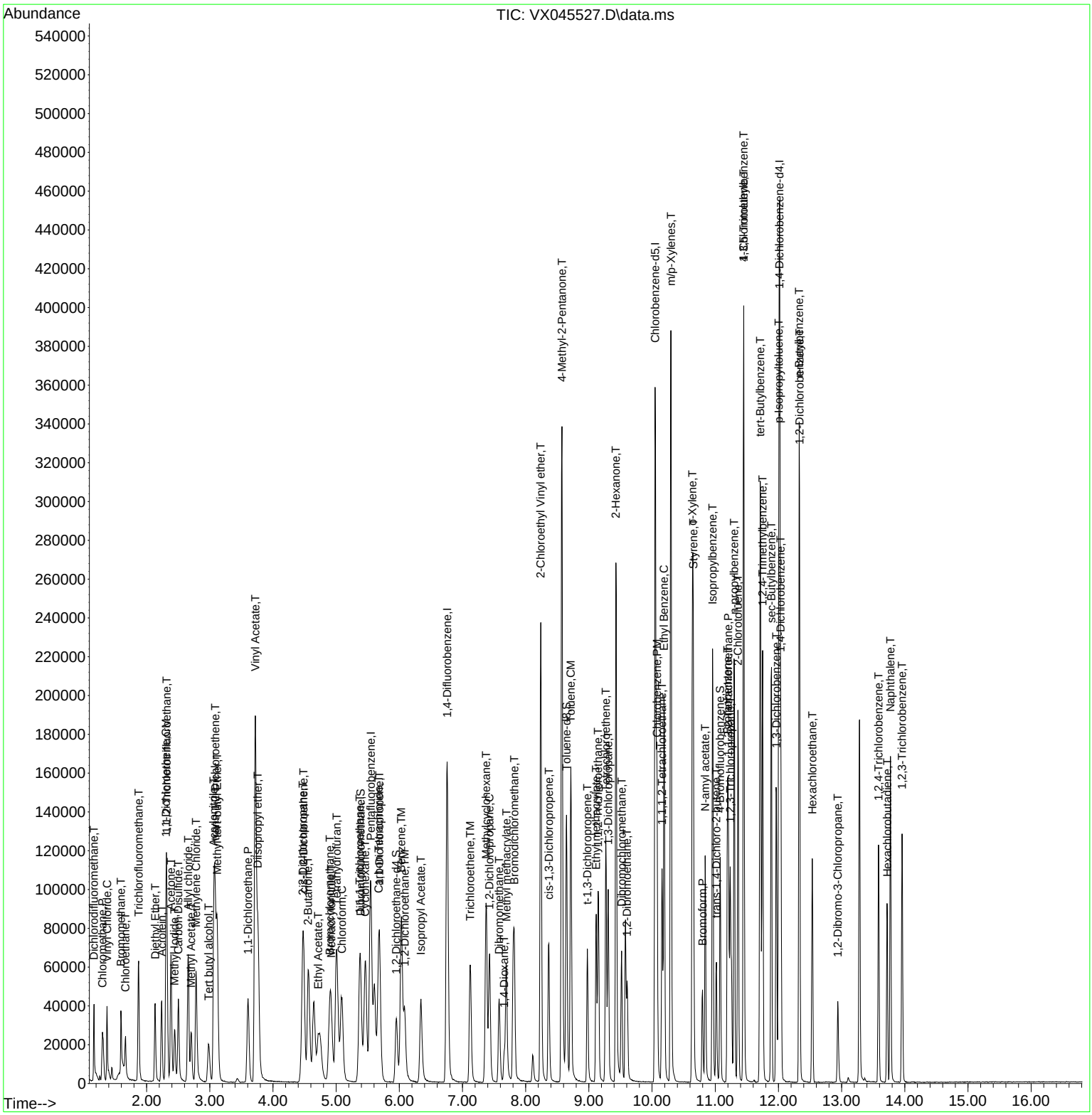
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	95658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83054	47.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.960%			
35) Dibromofluoromethane	5.379	113	58108	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.340%			
50) Toluene-d8	8.647	98	204338	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	76190	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	78444	54.834	ug/l	100
3) Chloromethane	1.307	50	75032	51.054	ug/l	100
4) Vinyl Chloride	1.374	62	68516	50.942	ug/l	100
5) Bromomethane	1.593	94	31584	49.526	ug/l	100
6) Chloroethane	1.666	64	38112	53.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	103888	51.798	ug/l	100
8) Diethyl Ether	2.136	74	33953	50.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	59431	50.569	ug/l	100
10) Methyl Iodide	2.447	142	76404	52.121	ug/l	100
11) Tert butyl alcohol	2.977	59	60610	257.809	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57738	50.278	ug/l	100
13) Acrolein	2.239	56	79989	247.074	ug/l	100
14) Allyl chloride	2.660	41	112085	51.441	ug/l	100
15) Acrylonitrile	3.062	53	194445	262.015	ug/l	100
16) Acetone	2.386	43	180563	251.366	ug/l	100
17) Carbon Disulfide	2.508	76	148601	52.393	ug/l	100
18) Methyl Acetate	2.703	43	82000	49.581	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202582	50.429	ug/l	100
20) Methylene Chloride	2.782	84	67855	50.457	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59696	50.882	ug/l	100
22) Diisopropyl ether	3.764	45	219374	51.111	ug/l	100
23) Vinyl Acetate	3.721	43	998064	269.139	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121348	49.992	ug/l	100
25) 2-Butanone	4.556	43	280076	266.363	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81054	51.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71871	50.282	ug/l	100
28) Bromochloromethane	4.897	49	57046	48.632	ug/l	100
29) Tetrahydrofuran	5.001	42	177402	260.230	ug/l	100
30) Chloroform	5.086	83	125797	50.366	ug/l	100
31) Cyclohexane	5.464	56	107407	50.052	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	106062	50.184	ug/l	100
36) 1,1-Dichloropropene	5.684	75	81607	50.620	ug/l	100
37) Ethyl Acetate	4.715	43	104896	51.632	ug/l	100
38) Carbon Tetrachloride	5.672	117	90247	51.797	ug/l	100
39) Methylcyclohexane	7.373	83	104678	52.970	ug/l	100
40) Benzene	6.031	78	249161	50.605	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	59068	54.623	ug/l		100
42) 1,2-Dichloroethane	6.080	62	104601	51.437	ug/l		100
43) Isopropyl Acetate	6.336	43	164588	53.452	ug/l		100
44) Trichloroethene	7.123	130	59042	50.452	ug/l		100
45) 1,2-Dichloropropane	7.427	63	63316	51.540	ug/l		100
46) Dibromomethane	7.574	93	49125	52.092	ug/l		100
47) Bromodichloromethane	7.818	83	96176	51.068	ug/l		100
48) Methyl methacrylate	7.690	41	85483	53.768	ug/l		100
49) 1,4-Dioxane	7.659	88	31199	1084.635	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	558029	273.375	ug/l		100
52) Toluene	8.714	92	153143	51.402	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	85462	47.317	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	95524	53.975	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	60452	50.919	ug/l		100
56) Ethyl methacrylate	9.116	69	100998	54.970	ug/l		100
57) 1,3-Dichloropropane	9.305	76	106580	51.554	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	250428	269.434	ug/l		100
59) 2-Hexanone	9.427	43	413824	273.765	ug/l		100
60) Dibromochloromethane	9.519	129	69258	53.511	ug/l		100
61) 1,2-Dibromoethane	9.604	107	62812	52.264	ug/l		100
64) Tetrachloroethene	9.269	164	52155	49.181	ug/l		100
65) Chlorobenzene	10.073	112	162829	50.733	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55974	50.233	ug/l		100
67) Ethyl Benzene	10.189	91	301481	52.447	ug/l		100
68) m/p-Xylenes	10.299	106	218702	104.606	ug/l		100
69) o-Xylene	10.640	106	108028	52.452	ug/l		100
70) Styrene	10.653	104	182620	53.723	ug/l		100
71) Bromoform	10.799	173	44397	53.361	ug/l	#	100
73) Isopropylbenzene	10.957	105	287628	52.203	ug/l		100
74) N-amyl acetate	10.842	43	141589	53.721	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	95200	49.185	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	84279m	50.230	ug/l		
77) Bromobenzene	11.195	156	64527	50.686	ug/l		100
78) n-propylbenzene	11.299	91	336796	53.069	ug/l		100
79) 2-Chlorotoluene	11.360	91	203994	50.279	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	241536	53.013	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25488	51.556	ug/l		100
82) 4-Chlorotoluene	11.451	91	237213	52.439	ug/l		100
83) tert-Butylbenzene	11.713	119	235715	52.256	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	242301	52.986	ug/l		100
85) sec-Butylbenzene	11.890	105	295799	53.391	ug/l		100
86) p-Isopropyltoluene	12.006	119	242416	53.073	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	116890	50.441	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	117164	49.871	ug/l		100
89) n-Butylbenzene	12.329	91	217345	54.874	ug/l		100
90) Hexachloroethane	12.536	117	41095	52.352	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	115426	50.099	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21712	53.638	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65145	50.797	ug/l		100
94) Hexachlorobutadiene	13.719	225	27795	50.296	ug/l		100
95) Naphthalene	13.774	128	256009	53.643	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	68781	51.219	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

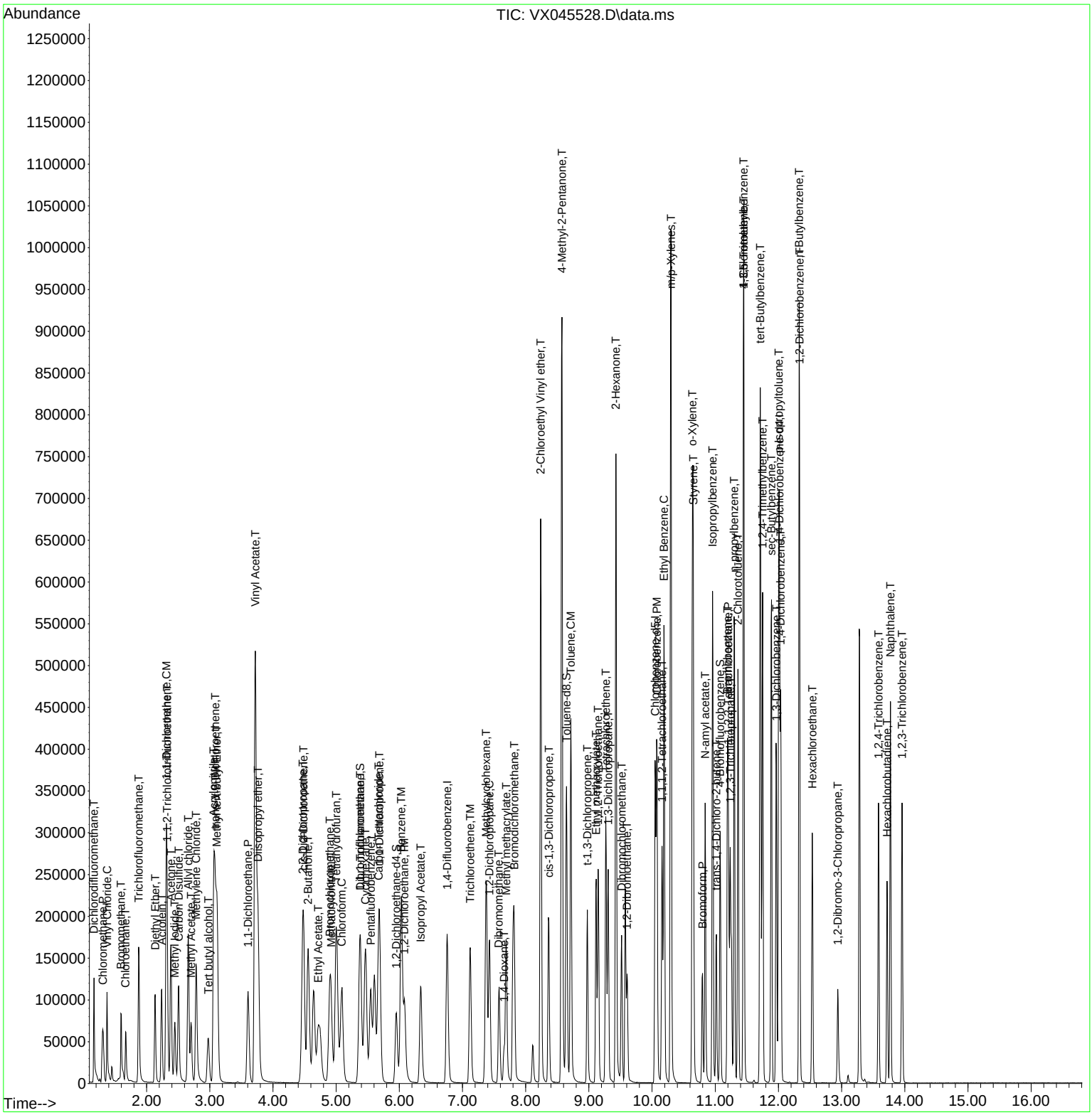
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.820%#			
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.160%#			
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.620%#			
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068 ug/l		99
42) 1,2-Dichloroethane	6.080	62	189528	102.696 ug/l		100
43) Isopropyl Acetate	6.336	43	305974	109.494 ug/l		100
44) Trichloroethene	7.123	130	107332	101.062 ug/l		97
45) 1,2-Dichloropropane	7.421	63	115731	103.806 ug/l		98
46) Dibromomethane	7.574	93	87381	102.101 ug/l		97
47) Bromodichloromethane	7.818	83	179265	104.886 ug/l		98
48) Methyl methacrylate	7.690	41	158241	109.675 ug/l		99
49) 1,4-Dioxane	7.665	88	52624	2015.906 ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814 ug/l		99
52) Toluene	8.714	92	276323	102.199 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645 ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521 ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361 ug/l		98
56) Ethyl methacrylate	9.116	69	192034	115.168 ug/l		99
57) 1,3-Dichloropropane	9.305	76	192473	102.588 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696 ug/l		100
59) 2-Hexanone	9.427	43	738772	538.538 ug/l		99
60) Dibromochloromethane	9.519	129	128700	109.570 ug/l		98
61) 1,2-Dibromoethane	9.604	107	115919	106.282 ug/l		99
64) Tetrachloroethene	9.269	164	90817	94.325 ug/l		99
65) Chlorobenzene	10.073	112	296300	101.682 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243 ug/l		99
67) Ethyl Benzene	10.189	91	543568	104.152 ug/l		99
68) m/p-Xylenes	10.299	106	394241	207.694 ug/l		100
69) o-Xylene	10.640	106	195381	104.487 ug/l		99
70) Styrene	10.653	104	335333	108.654 ug/l		100
71) Bromoform	10.799	173	83632	110.714 ug/l	#	97
73) Isopropylbenzene	10.957	105	522436	100.944 ug/l		100
74) N-amyl acetate	10.842	43	275462	111.267 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	154048m	97.744 ug/l		
77) Bromobenzene	11.195	156	119561	99.983 ug/l		99
78) n-propylbenzene	11.299	91	622679	104.454 ug/l		100
79) 2-Chlorotoluene	11.360	91	376682	98.840 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704 ug/l		95
82) 4-Chlorotoluene	11.451	91	432884	101.877 ug/l		99
83) tert-Butylbenzene	11.713	119	437649	103.292 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414 ug/l		99
85) sec-Butylbenzene	11.890	105	546857	105.082 ug/l		100
86) p-Isopropyltoluene	12.006	119	453109	105.609 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749 ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047 ug/l		98
89) n-Butylbenzene	12.329	91	420694	113.075 ug/l		99
90) Hexachloroethane	12.536	117	80489	109.160 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214 ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106 ug/l		99
94) Hexachlorobutadiene	13.725	225	53636	103.326 ug/l		98
95) Naphthalene	13.774	128	499719	111.473 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

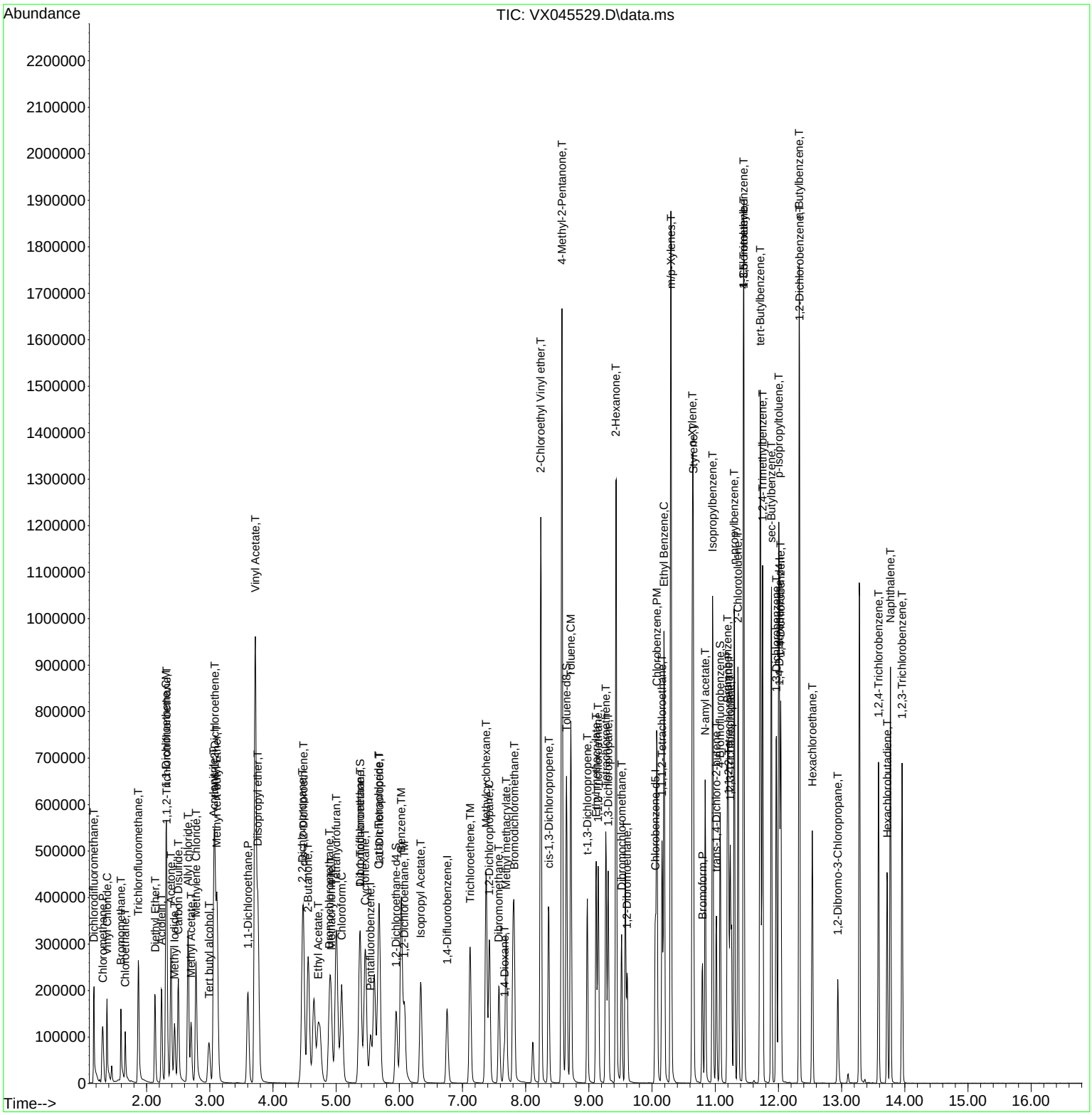
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 307.320%#			
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 304.440%#			
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l		98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l		100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l		99
44) Trichloroethene	7.117	130	170940	153.599	ug/l		95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l		98
46) Dibromomethane	7.574	93	135415	150.996	ug/l		98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l		98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l		99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l		99
52) Toluene	8.714	92	420015	148.245	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l		98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l		98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l		99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l		100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l		98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l		99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l		98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l		99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l		99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l		99
69) o-Xylene	10.640	106	285670	156.241	ug/l		100
70) Styrene	10.653	104	480722	159.299	ug/l		99
71) Bromoform	10.799	173	126115	170.743	ug/l	#	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l		100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	215694m	144.064	ug/l		
77) Bromobenzene	11.195	156	171573	151.033	ug/l		99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l		100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l		93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l		99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l		100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l		100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l		99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l		100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l		99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l		99
95) Naphthalene	13.774	128	733300	172.191	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

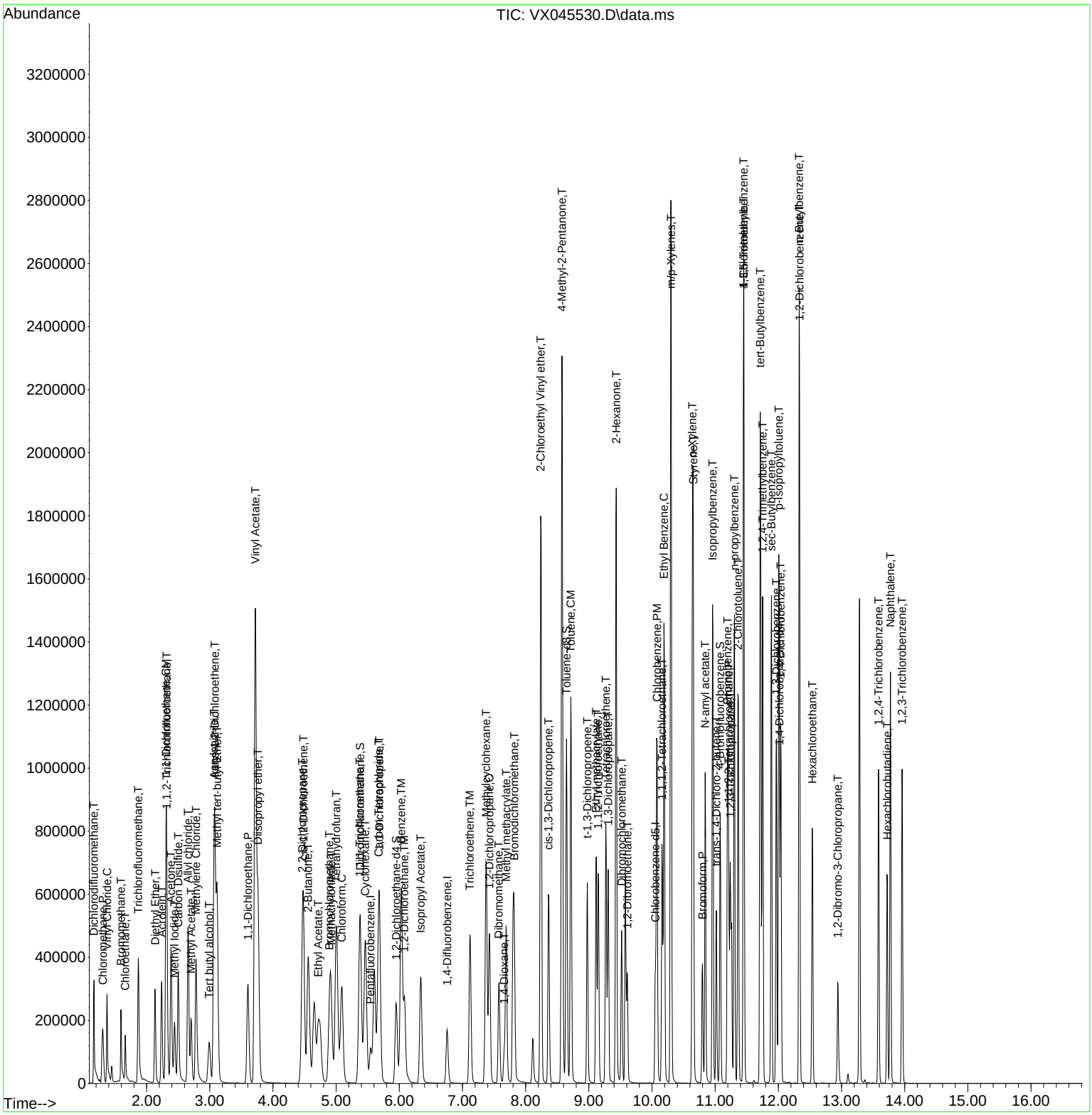
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89251	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.379	113	61107	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	217200	50.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	80376	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	76070	52.454	ug/l	97
3) Chloromethane	1.301	50	72033	48.349	ug/l	99
4) Vinyl Chloride	1.374	62	66559	48.816	ug/l	99
5) Bromomethane	1.593	94	30379	46.991	ug/l	99
6) Chloroethane	1.672	64	37317	51.586	ug/l	100
7) Trichlorofluoromethane	1.880	101	102379	50.354	ug/l	96
8) Diethyl Ether	2.130	74	33603	49.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59007	49.528	ug/l	98
10) Methyl Iodide	2.447	142	72261	48.626	ug/l	99
11) Tert butyl alcohol	2.971	59	58774	246.612	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57888	49.726	ug/l	99
13) Acrolein	2.233	56	78156	238.141	ug/l	99
14) Allyl chloride	2.660	41	111636	50.541	ug/l	99
15) Acrylonitrile	3.062	53	186837	248.351	ug/l	100
16) Acetone	2.380	43	176153	241.904	ug/l	99
17) Carbon Disulfide	2.508	76	149677	52.057	ug/l	100
18) Methyl Acetate	2.703	43	81720	48.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207487	50.950	ug/l	100
20) Methylene Chloride	2.782	84	66875	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	59229	49.800	ug/l	98
22) Diisopropyl ether	3.757	45	221449	50.895	ug/l	92
23) Vinyl Acetate	3.715	43	1005423	267.449	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122240	49.677	ug/l	99
25) 2-Butanone	4.550	43	271686	254.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82704	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71072	49.049	ug/l	98
28) Bromochloromethane	4.891	49	57557	48.403	ug/l	99
29) Tetrahydrofuran	5.001	42	172405	249.473	ug/l	100
30) Chloroform	5.086	83	125621	49.614	ug/l	98
31) Cyclohexane	5.458	56	107862	49.583	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107830	50.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83901	50.088	ug/l	99
37) Ethyl Acetate	4.708	43	105095	49.787	ug/l	98
38) Carbon Tetrachloride	5.672	117	91723	50.667	ug/l	100
39) Methylcyclohexane	7.373	83	102919	50.124	ug/l	99
40) Benzene	6.031	78	251758	49.212	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	59140	53.098	ug/l		99
42) 1,2-Dichloroethane	6.080	62	103270	48.875	ug/l		100
43) Isopropyl Acetate	6.336	43	164894	51.539	ug/l		100
44) Trichloroethene	7.123	130	57931	47.643	ug/l		92
45) 1,2-Dichloropropane	7.421	63	63210	49.521	ug/l		95
46) Dibromomethane	7.574	93	47564	48.542	ug/l		97
47) Bromodichloromethane	7.818	83	96418	49.273	ug/l		96
48) Methyl methacrylate	7.690	41	85084	51.507	ug/l		99
49) 1,4-Dioxane	7.659	88	28552	955.327	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	540822	254.994	ug/l		100
52) Toluene	8.714	92	151664	48.994	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	87744	46.783	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	99074	53.878	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	60452	49.007	ug/l		97
56) Ethyl methacrylate	9.116	69	102525	53.705	ug/l		100
57) 1,3-Dichloropropane	9.305	76	107121	49.869	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	251285	260.201	ug/l		99
59) 2-Hexanone	9.427	43	395336	251.710	ug/l		100
60) Dibromochloromethane	9.519	129	68562	50.983	ug/l		99
61) 1,2-Dibromoethane	9.604	107	63301	50.693	ug/l		100
64) Tetrachloroethene	9.269	164	50834	47.239	ug/l		99
65) Chlorobenzene	10.073	112	163518	50.207	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57096	50.495	ug/l		99
67) Ethyl Benzene	10.189	91	300747	51.558	ug/l		100
68) m/p-Xylenes	10.299	106	217943	102.728	ug/l		99
69) o-Xylene	10.640	106	107947	51.650	ug/l		100
70) Styrene	10.653	104	181524	52.624	ug/l		100
71) Bromoform	10.799	173	44489	52.694	ug/l	#	98
73) Isopropylbenzene	10.957	105	286010	52.794	ug/l		100
74) N-amyl acetate	10.842	43	140941	54.387	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92505	48.608	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	82060m	49.741	ug/l		
77) Bromobenzene	11.195	156	63244	50.525	ug/l		98
78) n-propylbenzene	11.299	91	336753	53.967	ug/l		100
79) 2-Chlorotoluene	11.360	91	203677	51.057	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	239822	53.534	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25511	52.482	ug/l		98
82) 4-Chlorotoluene	11.451	91	233159	52.422	ug/l		100
83) tert-Butylbenzene	11.713	119	236276	53.274	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	238257	52.990	ug/l		100
85) sec-Butylbenzene	11.890	105	293633	53.903	ug/l		100
86) p-Isopropyltoluene	12.006	119	244031	54.337	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	115113	50.521	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	113458	49.117	ug/l		97
89) n-Butylbenzene	12.329	91	214931	55.189	ug/l		99
90) Hexachloroethane	12.536	117	41729	54.066	ug/l		98
91) 1,2-Dichlorobenzene	12.329	146	113126	49.938	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21184	53.226	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65488	51.935	ug/l		98
94) Hexachlorobutadiene	13.725	225	27147	49.961	ug/l		99
95) Naphthalene	13.774	128	247600	52.765	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	66542	50.396	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

ICAL Form

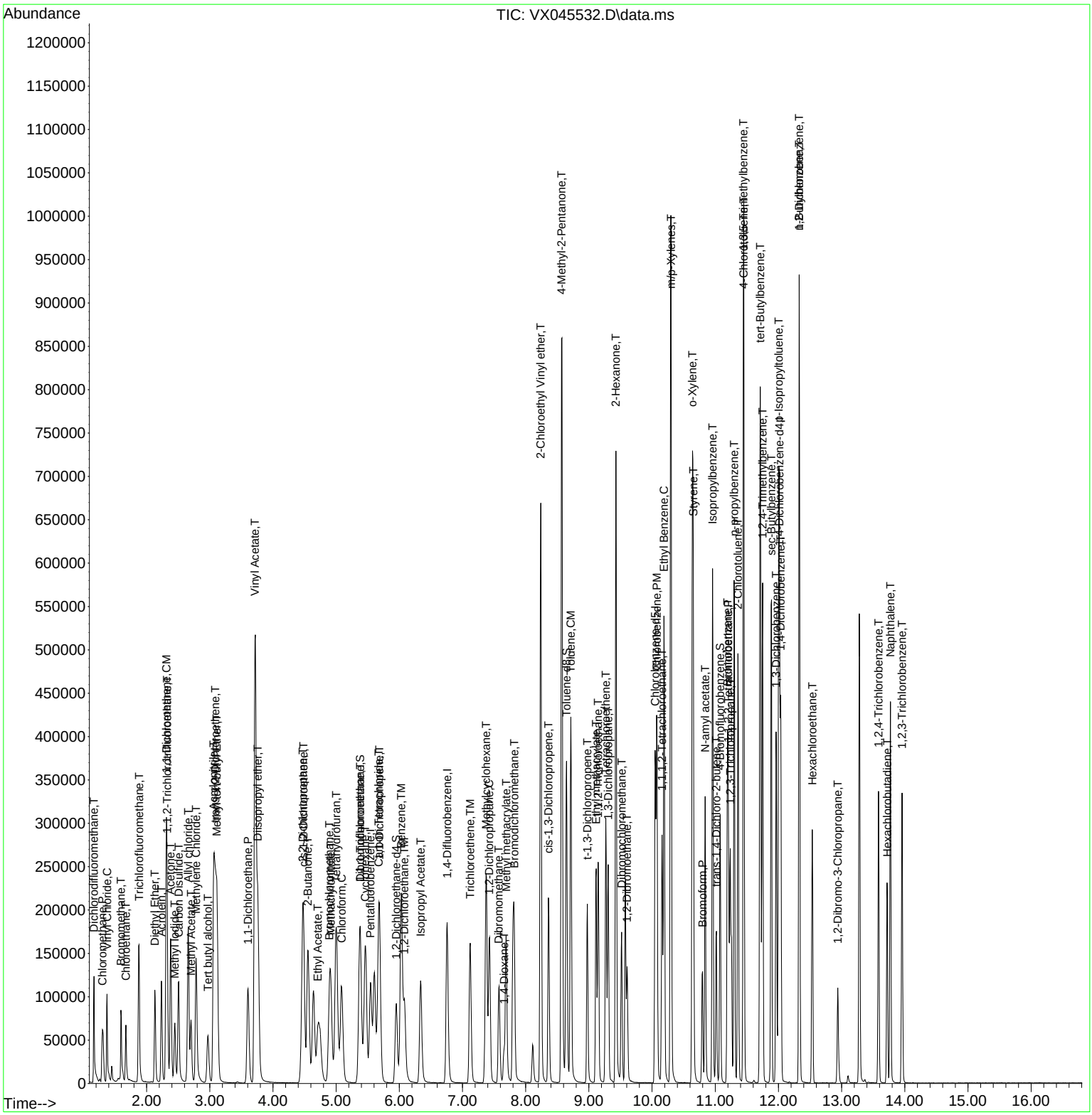
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	0.748	0.784	-4.8	97	0.00
3	P	Chloromethane	0.768	0.743	3.3	96	0.00
4	C	Vinyl Chloride	0.703	0.686	2.4#	97	0.00
5	T	Bromomethane	0.333	0.313	6.0	96	0.00
6	T	Chloroethane	0.373	0.385	-3.2	98	0.00
7	T	Trichlorofluoromethane	1.048	1.056	-0.8	99	0.00
8	T	Diethyl Ether	0.352	0.347	1.4	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.608	1.0	99	0.00
10	T	Methyl Iodide	0.766	0.745	2.7	95	0.00
11	T	Tert butyl alcohol	0.123	0.121	1.6	97	0.00
12	CM	1,1-Dichloroethene	0.600	0.597	0.5#	100	0.00
13	T	Acrolein	0.169	0.161	4.7	98	0.00
14	T	Allyl chloride	1.139	1.151	-1.1	100	0.00
15	T	Acrylonitrile	0.388	0.385	0.8	96	0.00
16	T	Acetone	0.375	0.363	3.2	98	0.00
17	T	Carbon Disulfide	1.483	1.544	-4.1	101	0.00
18	T	Methyl Acetate	0.864	0.843	2.4	100	0.00
19	T	Methyl tert-butyl Ether	2.100	2.140	-1.9	102	0.00
20	T	Methylene Chloride	0.703	0.690	1.8	99	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.611	0.3	99	0.00
22	T	Diisopropyl ether	2.243	2.284	-1.8	101	0.00
23	T	Vinyl Acetate	1.938	2.074	-7.0	101	0.00
24	P	1,1-Dichloroethane	1.269	1.261	0.6	101	0.00
25	T	2-Butanone	0.550	0.560	-1.8	97	0.00
26	T	2,2-Dichloropropane	0.820	0.853	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.733	1.9	99	0.00
28	T	Bromochloromethane	0.613	0.594	3.1	101	0.00
29	T	Tetrahydrofuran	0.356	0.356	0.0	97	0.00
30	C	Chloroform	1.306	1.295	0.8#	100	0.00
31	T	Cyclohexane	1.122	1.112	0.9	100	0.00
32	T	1,1,1-Trichloroethane	1.105	1.112	-0.6	102	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.920	-0.7	107	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.355	0.349	1.7	105	0.00
36	T	1,1-Dichloropropene	0.479	0.480	-0.2	103	0.00
37	T	Ethyl Acetate	0.604	0.601	0.5	100	0.00
38	T	Carbon Tetrachloride	0.518	0.525	-1.4	102	0.00
39	T	Methylcyclohexane	0.587	0.589	-0.3	98	0.00
40	TM	Benzene	1.463	1.440	1.6	101	0.00
41	T	Methacrylonitrile	0.318	0.338	-6.3	100	0.00
42	TM	1,2-Dichloroethane	0.604	0.591	2.2	99	0.00
43	T	Isopropyl Acetate	0.915	0.943	-3.1	100	0.00
44	TM	Trichloroethene	0.348	0.331	4.9	98	0.00
45	C	1,2-Dichloropropane	0.365	0.361	1.1#	100	0.00
46	T	Dibromomethane	0.280	0.272	2.9	97	0.00
47	T	Bromodichloromethane	0.560	0.551	1.6	100	0.00
48	T	Methyl methacrylate	0.472	0.487	-3.2	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.008	11.1	92	0.00
50	S	Toluene-d8	1.238	1.242	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.619	-2.1	97	0.00
52	CM	Toluene	0.885	0.867	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	0.467	0.502	-7.5	103	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.567	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	0.353	0.346	2.0	100	0.00
56	T	Ethyl methacrylate	0.546	0.586	-7.3	102	0.00
57	T	1,3-Dichloropropane	0.614	0.613	0.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.287	-4.0	100	0.00
59	T	2-Hexanone	0.449	0.452	-0.7	96	0.00
60	T	Dibromochloromethane	0.385	0.392	-1.8	99	0.00
61	T	1,2-Dibromoethane	0.357	0.362	-1.4	101	0.00
62	S	4-Bromofluorobenzene	0.451	0.460	-2.0	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.353	0.334	5.4	97	0.00
65	PM	Chlorobenzene	1.068	1.073	-0.5	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.375	-1.1	102	0.00
67	C	Ethyl Benzene	1.914	1.973	-3.1#	100	0.00
68	T	m/p-Xylenes	0.696	0.715	-2.7	100	0.00
69	T	o-Xylene	0.686	0.708	-3.2	100	0.00
70	T	Styrene	1.132	1.191	-5.2	99	0.00
71	P	Bromoform	0.277	0.292	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.005	4.229	-5.6	99	0.00
74	T	N-amyl acetate	1.916	2.084	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.368	2.8	97	0.00
76	T	1,2,3-Trichloropropane	1.220	1.213	0.6	97	0.00
77	T	Bromobenzene	0.925	0.935	-1.1	98	0.00
78	T	n-propylbenzene	4.613	4.979	-7.9	100	0.00
79	T	2-Chlorotoluene	2.949	3.012	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.546	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.377	-5.0	100	0.00
82	T	4-Chlorotoluene	3.288	3.447	-4.8	98	0.00
83	T	tert-Butylbenzene	3.279	3.494	-6.6	100	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.523	-6.0	98	0.00
85	T	sec-Butylbenzene	4.027	4.342	-7.8	99	0.00
86	T	p-Isopropyltoluene	3.320	3.608	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	1.684	1.702	-1.1	98	0.00
88	T	1,4-Dichlorobenzene	1.708	1.678	1.8	97	0.00
89	T	n-Butylbenzene	2.879	3.178	-10.4	99	0.00
90	T	Hexachloroethane	0.571	0.617	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	1.675	1.673	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.313	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.968	-3.9	101	0.00
94	T	Hexachlorobutadiene	0.402	0.401	0.2	98	0.00
95	T	Naphthalene	3.469	3.661	-5.5	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	0.984	-0.8	97	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.454	-4.9	97	0.00
3	P	Chloromethane	50.000	48.349	3.3	96	0.00
4	C	Vinyl Chloride	50.000	48.816	2.4#	97	0.00
5	T	Bromomethane	50.000	46.991	6.0	96	0.00
6	T	Chloroethane	50.000	51.586	-3.2	98	0.00
7	T	Trichlorofluoromethane	50.000	50.354	-0.7	99	0.00
8	T	Diethyl Ether	50.000	49.228	1.5	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.528	0.9	99	0.00
10	T	Methyl Iodide	50.000	48.626	2.7	95	0.00
11	T	Tert butyl alcohol	250.000	246.612	1.4	97	0.00
12	CM	1,1-Dichloroethene	50.000	49.726	0.5#	100	0.00
13	T	Acrolein	250.000	238.141	4.7	98	0.00
14	T	Allyl chloride	50.000	50.541	-1.1	100	0.00
15	T	Acrylonitrile	250.000	248.351	0.7	96	0.00
16	T	Acetone	250.000	241.904	3.2	98	0.00
17	T	Carbon Disulfide	50.000	52.057	-4.1	101	0.00
18	T	Methyl Acetate	50.000	48.742	2.5	100	0.00
19	T	Methyl tert-butyl Ether	50.000	50.950	-1.9	102	0.00
20	T	Methylene Chloride	50.000	49.055	1.9	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.800	0.4	99	0.00
22	T	Diisopropyl ether	50.000	50.895	-1.8	101	0.00
23	T	Vinyl Acetate	250.000	267.449	-7.0	101	0.00
24	P	1,1-Dichloroethane	50.000	49.677	0.6	101	0.00
25	T	2-Butanone	250.000	254.882	-2.0	97	0.00
26	T	2,2-Dichloropropane	50.000	52.020	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.049	1.9	99	0.00
28	T	Bromochloromethane	50.000	48.403	3.2	101	0.00
29	T	Tetrahydrofuran	250.000	249.473	0.2	97	0.00
30	C	Chloroform	50.000	49.614	0.8#	100	0.00
31	T	Cyclohexane	50.000	49.583	0.8	100	0.00
32	T	1,1,1-Trichloroethane	50.000	50.330	-0.7	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.329	-0.7	107	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	49.256	1.5	105	0.00
36	T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37	T	Ethyl Acetate	50.000	49.787	0.4	100	0.00
38	T	Carbon Tetrachloride	50.000	50.667	-1.3	102	0.00
39	T	Methylcyclohexane	50.000	50.124	-0.2	98	0.00
40	TM	Benzene	50.000	49.212	1.6	101	0.00
41	T	Methacrylonitrile	50.000	53.098	-6.2	100	0.00
42	TM	1,2-Dichloroethane	50.000	48.875	2.3	99	0.00
43	T	Isopropyl Acetate	50.000	51.539	-3.1	100	0.00
44	TM	Trichloroethene	50.000	47.643	4.7	98	0.00
45	C	1,2-Dichloropropane	50.000	49.521	1.0#	100	0.00
46	T	Dibromomethane	50.000	48.542	2.9	97	0.00
47	T	Bromodichloromethane	50.000	49.273	1.5	100	0.00
48	T	Methyl methacrylate	50.000	51.507	-3.0	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	955.327	4.5	92	0.00
50	S	Toluene-d8	50.000	50.160	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.994	-2.0	97	0.00
52	CM	Toluene	50.000	48.994	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	46.783	6.4	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.878	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	50.000	49.007	2.0	100	0.00
56	T	Ethyl methacrylate	50.000	53.705	-7.4	102	0.00
57	T	1,3-Dichloropropane	50.000	49.869	0.3	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.201	-4.1	100	0.00
59	T	2-Hexanone	250.000	251.710	-0.7	96	0.00
60	T	Dibromochloromethane	50.000	50.983	-2.0	99	0.00
61	T	1,2-Dibromoethane	50.000	50.693	-1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	50.959	-1.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	47.239	5.5	97	0.00
65	PM	Chlorobenzene	50.000	50.207	-0.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	102	0.00
67	C	Ethyl Benzene	50.000	51.558	-3.1#	100	0.00
68	T	m/p-Xylenes	100.000	102.728	-2.7	100	0.00
69	T	o-Xylene	50.000	51.650	-3.3	100	0.00
70	T	Styrene	50.000	52.624	-5.2	99	0.00
71	P	Bromoform	50.000	52.694	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	52.794	-5.6	99	0.00
74	T	N-amyl acetate	50.000	54.387	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.608	2.8	97	0.00
76	T	1,2,3-Trichloropropane	50.000	49.741	0.5	97	0.00
77	T	Bromobenzene	50.000	50.525	-1.0	98	0.00
78	T	n-propylbenzene	50.000	53.967	-7.9	100	0.00
79	T	2-Chlorotoluene	50.000	51.057	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.534	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.482	-5.0	100	0.00
82	T	4-Chlorotoluene	50.000	52.422	-4.8	98	0.00
83	T	tert-Butylbenzene	50.000	53.274	-6.5	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.990	-6.0	98	0.00
85	T	sec-Butylbenzene	50.000	53.903	-7.8	99	0.00
86	T	p-Isopropyltoluene	50.000	54.337	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	50.000	50.521	-1.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	49.117	1.8	97	0.00
89	T	n-Butylbenzene	50.000	55.189	-10.4	99	0.00
90	T	Hexachloroethane	50.000	54.066	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.938	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.226	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.935	-3.9	101	0.00
94	T	Hexachlorobutadiene	50.000	49.961	0.1	98	0.00
95	T	Naphthalene	50.000	52.765	-5.5	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.396	-0.8	97	0.00

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

Raw Data: **VX045899.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG No.: Q1837

Instrument ID: MSVOA_X Calibration Date/Time: 04/23/2025 08:56

Lab File ID: VX045899.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.764		2.14	20
Chloromethane	0.768	0.772	0.1	0.52	20
Vinyl Chloride	0.703	0.703		0	20
Ethyl Acetate	0.604	0.618		2.32	20
Bromomethane	0.333	0.328		-1.5	20
Chloroethane	0.373	0.394		5.63	20
Trichlorofluoromethane	1.048	1.146		9.35	20
1,1,2-Trichlorotrifluoroethane	0.614	0.686		11.73	20
Tert butyl alcohol	0.123	0.123		0	20
1,1-Dichloroethene	0.600	0.610		1.67	20
Acrolein	0.169	0.135		-20.12	20
Acrylonitrile	0.388	0.382		-1.55	20
Acetone	0.375	0.381		1.6	20
Carbon Disulfide	1.483	1.466		-1.15	20
Methyl tert-butyl Ether	2.100	2.229		6.14	20
Methyl Acetate	0.864	0.930		7.64	20
Methylene Chloride	0.703	0.721		2.56	20
trans-1,2-Dichloroethene	0.613	0.632		3.1	20
Vinyl Acetate	1.938	2.094		8.05	20
1,1-Dichloroethane	1.269	1.321	0.1	4.1	20
Cyclohexane	1.122	1.168		4.1	20
2-Butanone	0.550	0.544		-1.09	20
Carbon Tetrachloride	0.518	0.602		16.22	20
2,2-Dichloropropane	0.820	1.034		26.1	20
cis-1,2-Dichloroethene	0.747	0.771		3.21	20
Bromochloromethane	0.613	0.597		-2.61	20
Chloroform	1.306	1.364		4.44	20
1,1,1-Trichloroethane	1.105	1.182		6.97	20
Methylcyclohexane	0.587	0.699		19.08	20
1,1-Dichloropropene	0.479	0.530		10.65	20
Benzene	1.463	1.568		7.18	20
1,2-Dichloroethane	0.604	0.676		11.92	20
Trichloroethene	0.348	0.383		10.06	20
1,2-Dichloropropane	0.365	0.400		9.59	20
Dibromomethane	0.280	0.308		10	20
Bromodichloromethane	0.560	0.625		11.61	20
4-Methyl-2-Pentanone	0.606	0.652		7.59	20
Toluene	0.885	0.970		9.6	20

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

Raw Data: **VX045899.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG No.: Q1837

Instrument ID: MSVOA_X Calibration Date/Time: 04/23/2025 08:56

Lab File ID: VX045899.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.467	0.578		23.77	20
cis-1,3-Dichloropropene	0.526	0.624		18.63	20
1,1,2-Trichloroethane	0.353	0.382		8.22	20
1,3-Dichloropropane	0.614	0.664		8.14	20
2-Chloroethyl Vinyl ether	0.276	0.307		11.23	20
2-Hexanone	0.449	0.475		5.79	20
Dibromochloromethane	0.385	0.444		15.32	20
1,2-Dibromoethane	0.357	0.394		10.36	20
Tetrachloroethene	0.353	0.411		16.43	20
Chlorobenzene	1.068	1.189	0.3	11.33	20
1,1,1,2-Tetrachloroethane	0.371	0.417		12.4	20
Hexachloroethane	0.571	0.663		16.11	20
Ethyl Benzene	1.914	2.194		14.63	20
m/p-Xylenes	0.696	0.797		14.51	20
o-Xylene	0.686	0.778		13.41	20
Styrene	1.132	1.324		16.96	20
Bromoform	0.277	0.320	0.1	15.52	20
Isopropylbenzene	4.005	4.353		8.69	20
1,1,2,2-Tetrachloroethane	1.407	1.359	0.3	-3.41	20
1,2,3-Trichloropropane	1.220	1.224		0.33	20
Bromobenzene	0.925	0.971		4.97	20
n-propylbenzene	4.613	5.170		12.07	20
2-Chlorotoluene	2.949	3.127		6.04	20
1,3,5-Trimethylbenzene	3.312	3.713		12.08	20
4-Chlorotoluene	3.288	3.695		12.38	20
tert-Butylbenzene	3.279	3.606		9.97	20
1,2,4-Trimethylbenzene	3.324	3.752		12.88	20
sec-Butylbenzene	4.027	4.605		14.33	20
p-Isopropyltoluene	3.320	3.837		15.57	20
1,3-Dichlorobenzene	1.684	1.819		8.02	20
1,4-Dichlorobenzene	1.708	1.812		6.09	20
n-Butylbenzene	2.879	3.506		21.78	20
1,2-Dichlorobenzene	1.675	1.806		7.82	20
1,2-Dibromo-3-Chloropropane	0.294	0.319		8.5	20
1,2,4-Trichlorobenzene	0.932	1.048		12.45	20
Hexachlorobutadiene	0.402	0.461		14.68	20
Naphthalene	3.469	3.689		6.34	20
1,2,3-Trichlorobenzene	0.976	1.068		9.43	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG No.: Q1837

Instrument ID: MSVOA_X Calibration Date/Time: 04/23/2025 08:56

Lab File ID: VX045899.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.914	0.880		-3.72	20
Dibromofluoromethane	0.355	0.364		2.54	20
Toluene-d8	1.238	1.196		-3.39	20
4-Bromofluorobenzene	0.451	0.480		6.43	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\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	95647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	161242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84126	48.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.200%			
35) Dibromofluoromethane	5.379	113	58690	51.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.641	98	192765	48.275	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.560%			
62) 4-Bromofluorobenzene	11.079	95	77324	53.163	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	73113	51.114	ug/l	98
3) Chloromethane	1.301	50	73797	50.219	ug/l	99
4) Vinyl Chloride	1.374	62	67248	50.005	ug/l	99
5) Bromomethane	1.593	94	31361	49.182	ug/l	98
6) Chloroethane	1.672	64	37676	52.804	ug/l	99
7) Trichlorofluoromethane	1.874	101	109633	54.669	ug/l	100
8) Diethyl Ether	2.130	74	34510	51.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	65622	55.843	ug/l	98
10) Methyl Iodide	2.447	142	80418	54.865	ug/l	98
11) Tert butyl alcohol	2.971	59	58610	249.330	ug/l	99
12) 1,1-Dichloroethene	2.313	96	58365	50.830	ug/l	99
13) Acrolein	2.233	56	64387	198.905	ug/l	98
14) Allyl chloride	2.654	41	116224	53.347	ug/l	98
15) Acrylonitrile	3.056	53	182529	245.986	ug/l	100
16) Acetone	2.380	43	182314	253.833	ug/l	98
17) Carbon Disulfide	2.502	76	140208	49.439	ug/l	99
18) Methyl Acetate	2.703	43	88934	53.780	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	213195	53.077	ug/l	97
20) Methylene Chloride	2.782	84	68975	51.296	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	60468	51.546	ug/l	100
22) Diisopropyl ether	3.757	45	226279	52.726	ug/l	96
23) Vinyl Acetate	3.715	43	1001616	270.128	ug/l	100
24) 1,1-Dichloroethane	3.599	63	126363	52.064	ug/l	99
25) 2-Butanone	4.550	43	260142	247.433	ug/l	100
26) 2,2-Dichloropropane	4.465	77	98883	63.058	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	73701	51.568	ug/l	98
28) Bromochloromethane	4.885	49	57093	48.678	ug/l	100
29) Tetrahydrofuran	4.995	42	163505	239.873	ug/l	99
30) Chloroform	5.086	83	130475	52.245	ug/l	96
31) Cyclohexane	5.458	56	111734	52.074	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	113019	53.482	ug/l	100
36) 1,1-Dichloropropene	5.684	75	85490	55.346	ug/l	99
37) Ethyl Acetate	4.702	43	99702	51.219	ug/l	100
38) Carbon Tetrachloride	5.666	117	97005	58.108	ug/l	98
39) Methylcyclohexane	7.373	83	112666	59.504	ug/l	99
40) Benzene	6.025	78	252897	53.608	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	57662	56.142	ug/l		98
42) 1,2-Dichloroethane	6.080	62	108962	55.922	ug/l		99
43) Isopropyl Acetate	6.330	43	161701	54.808	ug/l		100
44) Trichloroethene	7.117	130	61712	55.037	ug/l		95
45) 1,2-Dichloropropane	7.421	63	64481	54.781	ug/l		94
46) Dibromomethane	7.574	93	49675	54.977	ug/l		99
47) Bromodichloromethane	7.812	83	100788	55.855	ug/l		97
48) Methyl methacrylate	7.690	41	85035	55.823	ug/l		98
49) 1,4-Dioxane	7.653	88	27054	981.628	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	525968	268.927	ug/l		100
52) Toluene	8.714	92	156390	54.786	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	93189	53.534	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	100632	59.345	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	61669	54.214	ug/l		96
56) Ethyl methacrylate	9.110	69	101413	57.607	ug/l		99
57) 1,3-Dichloropropane	9.305	76	107114	54.076	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	247364	277.765	ug/l		100
59) 2-Hexanone	9.427	43	383073	264.494	ug/l		100
60) Dibromochloromethane	9.519	129	71543	57.691	ug/l		98
61) 1,2-Dibromoethane	9.604	107	63489	55.136	ug/l		99
64) Tetrachloroethene	9.269	164	57896	58.178	ug/l		98
65) Chlorobenzene	10.073	112	167539	55.626	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58745	56.179	ug/l		99
67) Ethyl Benzene	10.189	91	309233	57.326	ug/l		99
68) m/p-Xylenes	10.299	106	224676	114.517	ug/l		99
69) o-Xylene	10.640	106	109651	56.734	ug/l		99
70) Styrene	10.652	104	186682	58.523	ug/l		99
71) Bromoform	10.799	173	45100	57.764	ug/l	#	99
73) Isopropylbenzene	10.957	105	294115	54.345	ug/l		99
74) N-amyl acetate	10.841	43	141219	54.549	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91824	48.299	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	82701m	50.180	ug/l		
77) Bromobenzene	11.195	156	65629	52.484	ug/l		99
78) n-propylbenzene	11.299	91	349327	56.038	ug/l		99
79) 2-Chlorotoluene	11.360	91	211251	53.009	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	250835	56.049	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	26917	55.430	ug/l		99
82) 4-Chlorotoluene	11.451	91	249670	56.190	ug/l		100
83) tert-Butylbenzene	11.713	119	243641	54.990	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	253529	56.443	ug/l		99
85) sec-Butylbenzene	11.884	105	311103	57.168	ug/l		100
86) p-Isopropyltoluene	12.006	119	259221	57.778	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	122878	53.983	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	122455	53.065	ug/l		98
89) n-Butylbenzene	12.329	91	236910	60.894	ug/l		100
90) Hexachloroethane	12.536	117	44822	58.131	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	122014	53.916	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21567	54.243	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	70838	56.235	ug/l		99
94) Hexachlorobutadiene	13.725	225	31143	57.373	ug/l		99
95) Naphthalene	13.774	128	249249	53.170	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	72179	54.720	ug/l		99

Sample Results: **VX045899.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

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

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

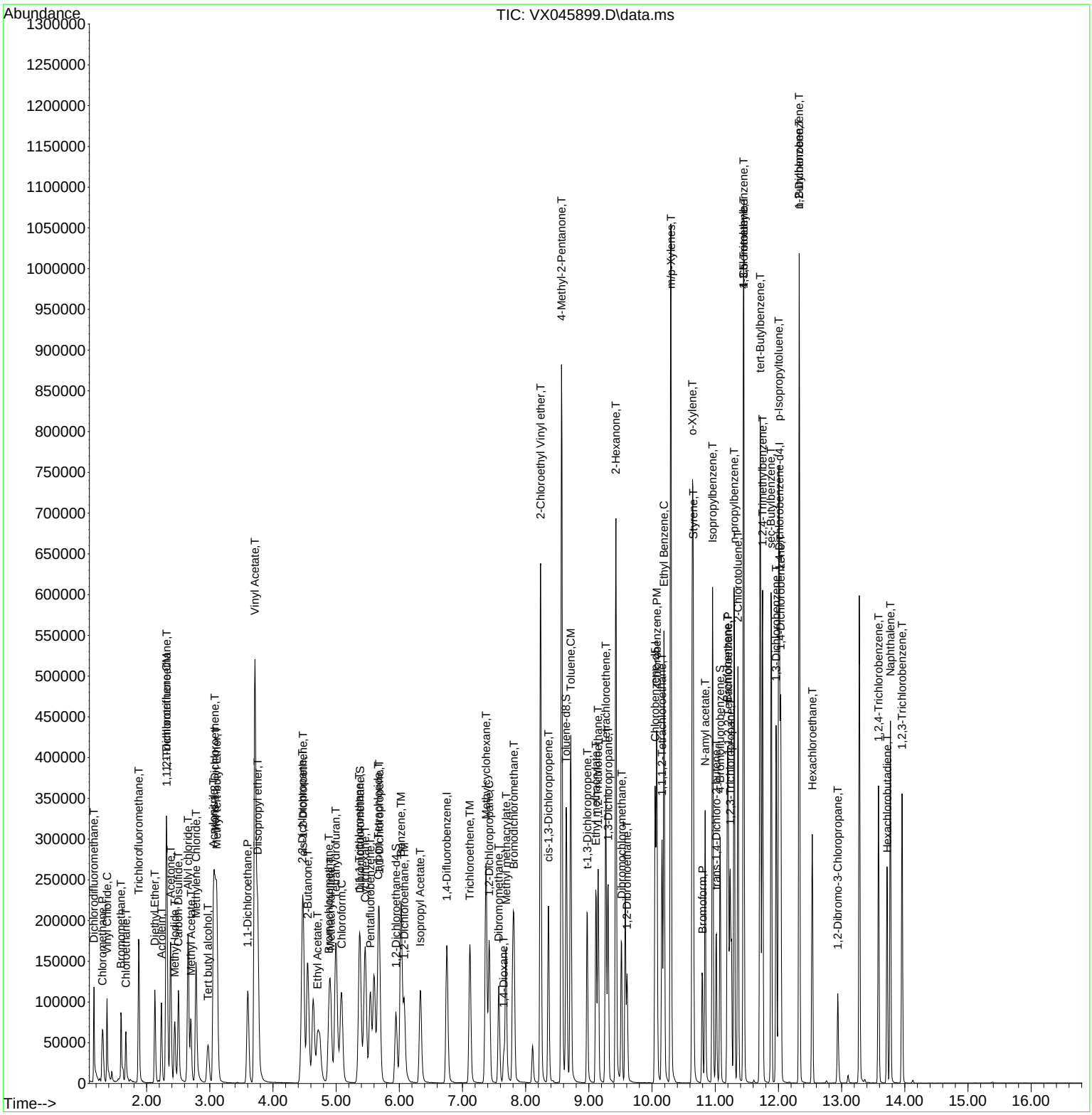
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



Evaluate Continuing Calibration Report

Sample Results: **VX045899.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	100	0.00
2	T	Dichlorodifluoromethane	0.748	0.764	-2.1	93	0.00
3	P	Chloromethane	0.768	0.772	-0.5	98	0.00
4	C	Vinyl Chloride	0.703	0.703	0.0	98	0.00
5	T	Bromomethane	0.333	0.328	1.5	99	0.00
6	T	Chloroethane	0.373	0.394	-5.6	99	0.00
7	T	Trichlorofluoromethane	1.048	1.146	-9.4	106	0.00
8	T	Diethyl Ether	0.352	0.361	-2.6	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.686	-11.7	110	0.00
10	T	Methyl Iodide	0.766	0.841	-9.8	105	0.00
11	T	Tert butyl alcohol	0.123	0.123	0.0	97	0.00
12	CM	1,1-Dichloroethene	0.600	0.610	-1.7#	101	0.00
13	T	Acrolein	0.169	0.135	20.1	80	0.00
14	T	Allyl chloride	1.139	1.215	-6.7	104	0.00
15	T	Acrylonitrile	0.388	0.382	1.5	94	0.00
16	T	Acetone	0.375	0.381	-1.6	101	0.00
17	T	Carbon Disulfide	1.483	1.466	1.1	94	0.00
18	T	Methyl Acetate	0.864	0.930	-7.6	108	0.00
19	T	Methyl tert-butyl Ether	2.100	2.229	-6.1	105	0.00
20	T	Methylene Chloride	0.703	0.721	-2.6	102	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.632	-3.1	101	0.00
22	T	Diisopropyl ether	2.243	2.366	-5.5	103	0.00
23	T	Vinyl Acetate	1.938	2.094	-8.0	100	0.00
24	P	1,1-Dichloroethane	1.269	1.321	-4.1	104	0.00
25	T	2-Butanone	0.550	0.544	1.1	93	0.00
26	T	2,2-Dichloropropane	0.820	1.034	-26.1#	122	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.771	-3.2	103	0.00
28	T	Bromochloromethane	0.613	0.597	2.6	100	-0.01
29	T	Tetrahydrofuran	0.356	0.342	3.9	92	0.00
30	C	Chloroform	1.306	1.364	-4.4#	104	0.00
31	T	Cyclohexane	1.122	1.168	-4.1	104	0.00
32	T	1,1,1-Trichloroethane	1.105	1.182	-7.0	107	-0.01
33	S	1,2-Dichloroethane-d4	0.914	0.880	3.7	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35	S	Dibromofluoromethane	0.355	0.364	-2.5	101	0.00
36	T	1,1-Dichloropropene	0.479	0.530	-10.6	105	0.00
37	T	Ethyl Acetate	0.604	0.618	-2.3	95	-0.01
38	T	Carbon Tetrachloride	0.518	0.602	-16.2	107	0.00
39	T	Methylcyclohexane	0.587	0.699	-19.1	108	0.00
40	TM	Benzene	1.463	1.568	-7.2	101	0.00
41	T	Methacrylonitrile	0.318	0.358	-12.6	98	0.00
42	TM	1,2-Dichloroethane	0.604	0.676	-11.9	104	0.00
43	T	Isopropyl Acetate	0.915	1.003	-9.6	98	0.00
44	TM	Trichloroethene	0.348	0.383	-10.1	105	0.00
45	C	1,2-Dichloropropane	0.365	0.400	-9.6#	102	0.00
46	T	Dibromomethane	0.280	0.308	-10.0	101	0.00
47	T	Bromodichloromethane	0.560	0.625	-11.6	105	0.00
48	T	Methyl methacrylate	0.472	0.527	-11.7	99	0.00

Sample Results: **VX045899.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.008	11.1	87	0.00
50	S	Toluene-d8	1.238	1.196	3.4	94	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.652	-7.6	94	0.00
52	CM	Toluene	0.885	0.970	-9.6#	102	0.00
53	T	t-1,3-Dichloropropene	0.467	0.578	-23.8	109	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.624	-18.6	105	0.00
55	T	1,1,2-Trichloroethane	0.353	0.382	-8.2	102	0.00
56	T	Ethyl methacrylate	0.546	0.629	-15.2	100	0.00
57	T	1,3-Dichloropropane	0.614	0.664	-8.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.307	-11.2	99	0.00
59	T	2-Hexanone	0.449	0.475	-5.8	93	0.00
60	T	Dibromochloromethane	0.385	0.444	-15.3	103	0.00
61	T	1,2-Dibromoethane	0.357	0.394	-10.4	101	0.00
62	S	4-Bromofluorobenzene	0.451	0.480	-6.4	101	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.353	0.411	-16.4	111	0.00
65	PM	Chlorobenzene	1.068	1.189	-11.3	103	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.417	-12.4	105	0.00
67	C	Ethyl Benzene	1.914	2.194	-14.6#	103	0.00
68	T	m/p-Xylenes	0.696	0.797	-14.5	103	0.00
69	T	o-Xylene	0.686	0.778	-13.4	102	0.00
70	T	Styrene	1.132	1.324	-17.0	102	0.00
71	P	Bromoform	0.277	0.320	-15.5	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.005	4.353	-8.7	102	0.00
74	T	N-amyl acetate	1.916	2.090	-9.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.359	3.4	96	0.00
76	T	1,2,3-Trichloropropane	1.220	1.224	-0.3	98	0.00
77	T	Bromobenzene	0.925	0.971	-5.0	102	0.00
78	T	n-propylbenzene	4.613	5.170	-12.1	104	0.00
79	T	2-Chlorotoluene	2.949	3.127	-6.0	104	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.712	-12.1	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.398	-10.9	106	0.00
82	T	4-Chlorotoluene	3.288	3.695	-12.4	105	0.00
83	T	tert-Butylbenzene	3.279	3.606	-10.0	103	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.752	-12.9	105	0.00
85	T	sec-Butylbenzene	4.027	4.604	-14.3	105	0.00
86	T	p-Isopropyltoluene	3.320	3.837	-15.6	107	0.00
87	T	1,3-Dichlorobenzene	1.684	1.819	-8.0	105	0.00
88	T	1,4-Dichlorobenzene	1.708	1.812	-6.1	105	0.00
89	T	n-Butylbenzene	2.879	3.506	-21.8	109	0.00
90	T	Hexachloroethane	0.571	0.663	-16.1	109	0.00
91	T	1,2-Dichlorobenzene	1.675	1.806	-7.8	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.319	-8.5	99	0.00
93	T	1,2,4-Trichlorobenzene	0.932	1.048	-12.4	109	0.00
94	T	Hexachlorobutadiene	0.402	0.461	-14.7	112	0.00
95	T	Naphthalene	3.469	3.689	-6.3	97	0.00

Sample Results: **VX045899.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	1.068	-9.4	105	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5

Sample Results: **VX045899.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	51.114	-2.2	93	0.00
3	P	Chloromethane	50.000	50.219	-0.4	98	0.00
4	C	Vinyl Chloride	50.000	50.005	-0.0#	98	0.00
5	T	Bromomethane	50.000	49.182	1.6	99	0.00
6	T	Chloroethane	50.000	52.804	-5.6	99	0.00
7	T	Trichlorofluoromethane	50.000	54.669	-9.3	106	0.00
8	T	Diethyl Ether	50.000	51.257	-2.5	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.843	-11.7	110	0.00
10	T	Methyl Iodide	50.000	54.865	-9.7	105	0.00
11	T	Tert butyl alcohol	250.000	249.330	0.3	97	0.00
12	CM	1,1-Dichloroethene	50.000	50.830	-1.7#	101	0.00
13	T	Acrolein	250.000	198.905	20.4	80	0.00
14	T	Allyl chloride	50.000	53.347	-6.7	104	0.00
15	T	Acrylonitrile	250.000	245.986	1.6	94	0.00
16	T	Acetone	250.000	253.833	-1.5	101	0.00
17	T	Carbon Disulfide	50.000	49.439	1.1	94	0.00
18	T	Methyl Acetate	50.000	53.780	-7.6	108	0.00
19	T	Methyl tert-butyl Ether	50.000	53.077	-6.2	105	0.00
20	T	Methylene Chloride	50.000	51.296	-2.6	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.546	-3.1	101	0.00
22	T	Diisopropyl ether	50.000	52.726	-5.5	103	0.00
23	T	Vinyl Acetate	250.000	270.128	-8.1	100	0.00
24	P	1,1-Dichloroethane	50.000	52.064	-4.1	104	0.00
25	T	2-Butanone	250.000	247.433	1.0	93	0.00
26	T	2,2-Dichloropropane	50.000	63.058	-26.1#	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.568	-3.1	103	0.00
28	T	Bromochloromethane	50.000	48.678	2.6	100	-0.01
29	T	Tetrahydrofuran	250.000	239.873	4.1	92	0.00
30	C	Chloroform	50.000	52.245	-4.5#	104	0.00
31	T	Cyclohexane	50.000	52.074	-4.1	104	0.00
32	T	1,1,1-Trichloroethane	50.000	53.482	-7.0	107	-0.01
33	S	1,2-Dichloroethane-d4	50.000	48.096	3.8	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	51.302	-2.6	101	0.00
36	T	1,1-Dichloropropene	50.000	55.346	-10.7	105	0.00
37	T	Ethyl Acetate	50.000	51.219	-2.4	95	-0.01
38	T	Carbon Tetrachloride	50.000	58.108	-16.2	107	0.00
39	T	Methylcyclohexane	50.000	59.504	-19.0	108	0.00
40	TM	Benzene	50.000	53.608	-7.2	101	0.00
41	T	Methacrylonitrile	50.000	56.142	-12.3	98	0.00
42	TM	1,2-Dichloroethane	50.000	55.922	-11.8	104	0.00
43	T	Isopropyl Acetate	50.000	54.808	-9.6	98	0.00
44	TM	Trichloroethene	50.000	55.037	-10.1	105	0.00
45	C	1,2-Dichloropropane	50.000	54.781	-9.6#	102	0.00
46	T	Dibromomethane	50.000	54.977	-10.0	101	0.00
47	T	Bromodichloromethane	50.000	55.855	-11.7	105	0.00
48	T	Methyl methacrylate	50.000	55.823	-11.6	99	0.00

Sample Results: **VX045899.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	981.628	1.8	87	0.00
50	S	Toluene-d8	50.000	48.275	3.5	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.927	-7.6	94	0.00
52	CM	Toluene	50.000	54.786	-9.6#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	53.534	-7.1	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.345	-18.7	105	0.00
55	T	1,1,2-Trichloroethane	50.000	54.214	-8.4	102	0.00
56	T	Ethyl methacrylate	50.000	57.607	-15.2	100	0.00
57	T	1,3-Dichloropropane	50.000	54.076	-8.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.765	-11.1	99	0.00
59	T	2-Hexanone	250.000	264.494	-5.8	93	0.00
60	T	Dibromochloromethane	50.000	57.691	-15.4	103	0.00
61	T	1,2-Dibromoethane	50.000	55.136	-10.3	101	0.00
62	S	4-Bromofluorobenzene	50.000	53.163	-6.3	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	58.178	-16.4	111	0.00
65	PM	Chlorobenzene	50.000	55.626	-11.3	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.179	-12.4	105	0.00
67	C	Ethyl Benzene	50.000	57.326	-14.7#	103	0.00
68	T	m/p-Xylenes	100.000	114.517	-14.5	103	0.00
69	T	o-Xylene	50.000	56.734	-13.5	102	0.00
70	T	Styrene	50.000	58.523	-17.0	102	0.00
71	P	Bromoform	50.000	57.764	-15.5	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	54.345	-8.7	102	0.00
74	T	N-amyl acetate	50.000	54.549	-9.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.299	3.4	96	0.00
76	T	1,2,3-Trichloropropane	50.000	50.180	-0.4	98	0.00
77	T	Bromobenzene	50.000	52.484	-5.0	102	0.00
78	T	n-propylbenzene	50.000	56.038	-12.1	104	0.00
79	T	2-Chlorotoluene	50.000	53.009	-6.0	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.049	-12.1	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.430	-10.9	106	0.00
82	T	4-Chlorotoluene	50.000	56.190	-12.4	105	0.00
83	T	tert-Butylbenzene	50.000	54.990	-10.0	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.443	-12.9	105	0.00
85	T	sec-Butylbenzene	50.000	57.168	-14.3	105	0.00
86	T	p-Isopropyltoluene	50.000	57.778	-15.6	107	0.00
87	T	1,3-Dichlorobenzene	50.000	53.983	-8.0	105	0.00
88	T	1,4-Dichlorobenzene	50.000	53.065	-6.1	105	0.00
89	T	n-Butylbenzene	50.000	60.894	-21.8	109	0.00
90	T	Hexachloroethane	50.000	58.131	-16.3	109	0.00
91	T	1,2-Dichlorobenzene	50.000	53.916	-7.8	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.243	-8.5	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.235	-12.5	109	0.00
94	T	Hexachlorobutadiene	50.000	57.373	-14.7	112	0.00
95	T	Naphthalene	50.000	53.170	-6.3	97	0.00

Sample Results: **VX045899.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.720	-9.4	105	0.00

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

QC SAMPLE DATA

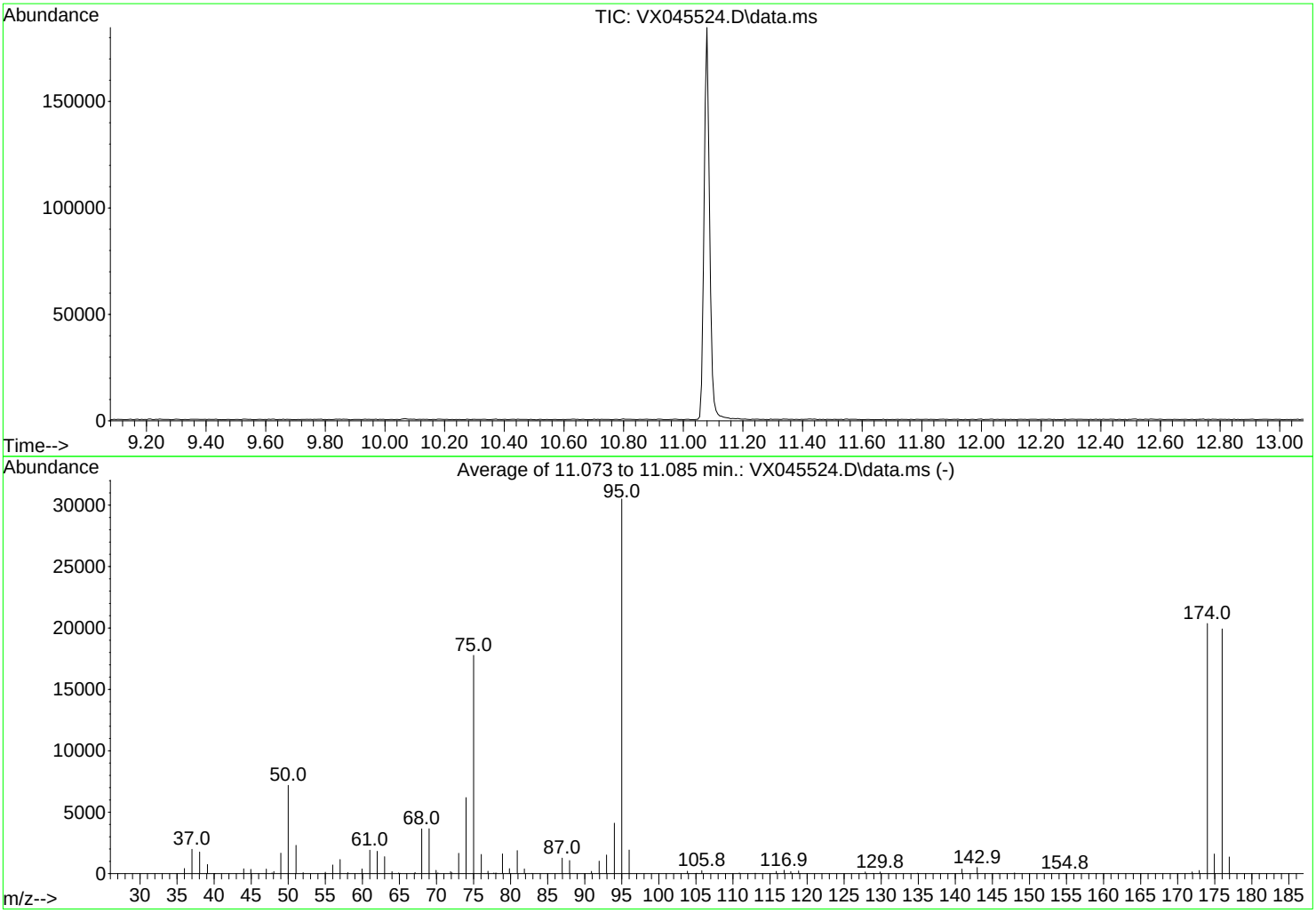
Sample Results: **VX045524.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045524.D
Acq On : 01 Apr 2025 16:15
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 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	23.6	7184	PASS
75	95	30	60	58.2	17768	PASS
95	95	100	100	100.0	30504	PASS
96	95	5	9	6.3	1916	PASS
173	174	0.00	2	1.2	253	PASS
174	95	50	100	66.8	20365	PASS
175	174	5	9	7.8	1596	PASS
176	174	95	101	97.8	19923	PASS
177	176	5	9	6.8	1352	PASS

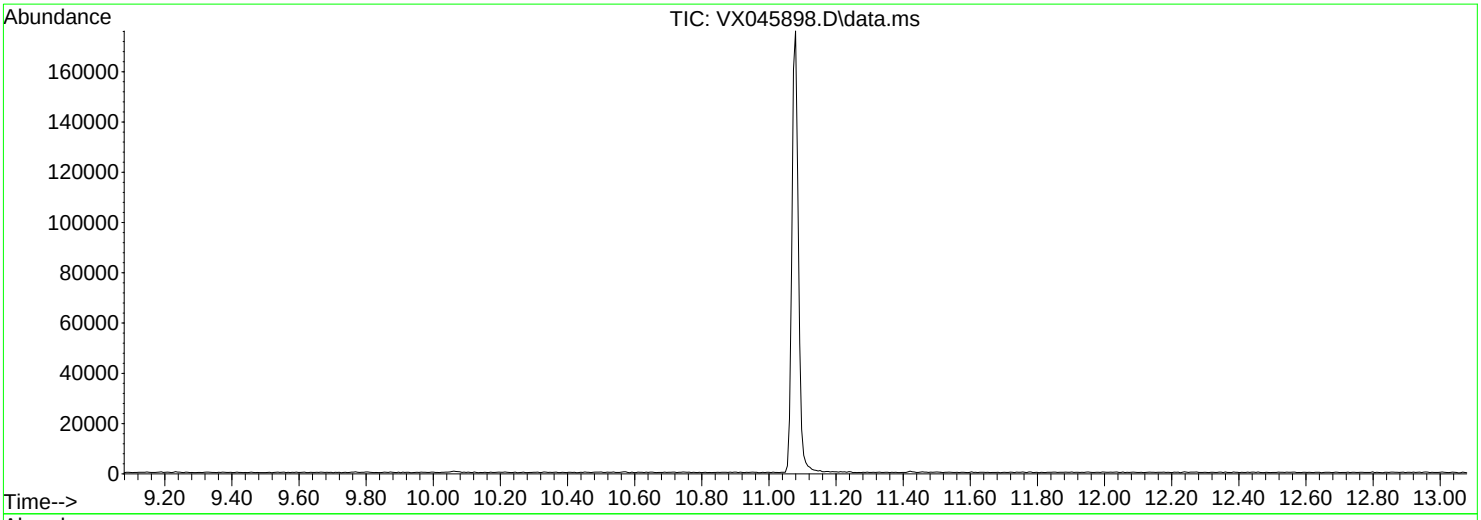
Sample Results: **VX045898.D**

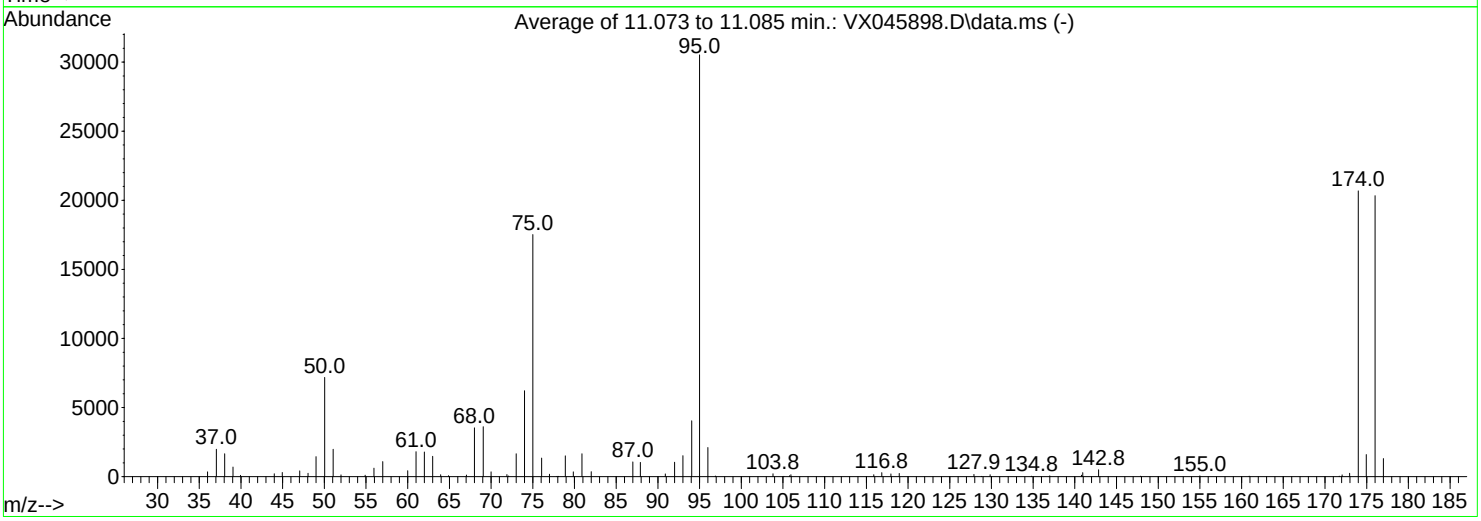
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045898.D
Acq On : 23 Apr 2025 08:29
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.5	7175	PASS
75	95	30	60	57.4	17524	PASS
95	95	100	100	100.0	30525	PASS
96	95	5	9	6.9	2111	PASS
173	174	0.00	2	1.2	248	PASS
174	95	50	100	67.7	20680	PASS
175	174	5	9	7.7	1598	PASS
176	174	95	101	98.3	20333	PASS
177	176	5	9	6.4	1306	PASS

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBL01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045901.D	1		04/23/25 09:47	VX042325

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

Raw Data: **VX045901.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBL01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045901.D	1		04/23/25 09:47	VX042325

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

Raw Data: **VX045901.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBL01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045901.D	1		04/23/25 09:47	VX042325

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	53.2		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	72700	5.544			
540-36-3	1,4-Difluorobenzene	142000	6.757			
3114-55-4	Chlorobenzene-d5	132000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	56200	12.018			

Raw Data: **VX045901.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBL01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045901.D	1		04/23/25 09:47	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045901.D
Acq On : 23 Apr 2025 09:47
Operator : JC/MD
Sample : VX0423WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBL01

Quant Time: Apr 24 02:13:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

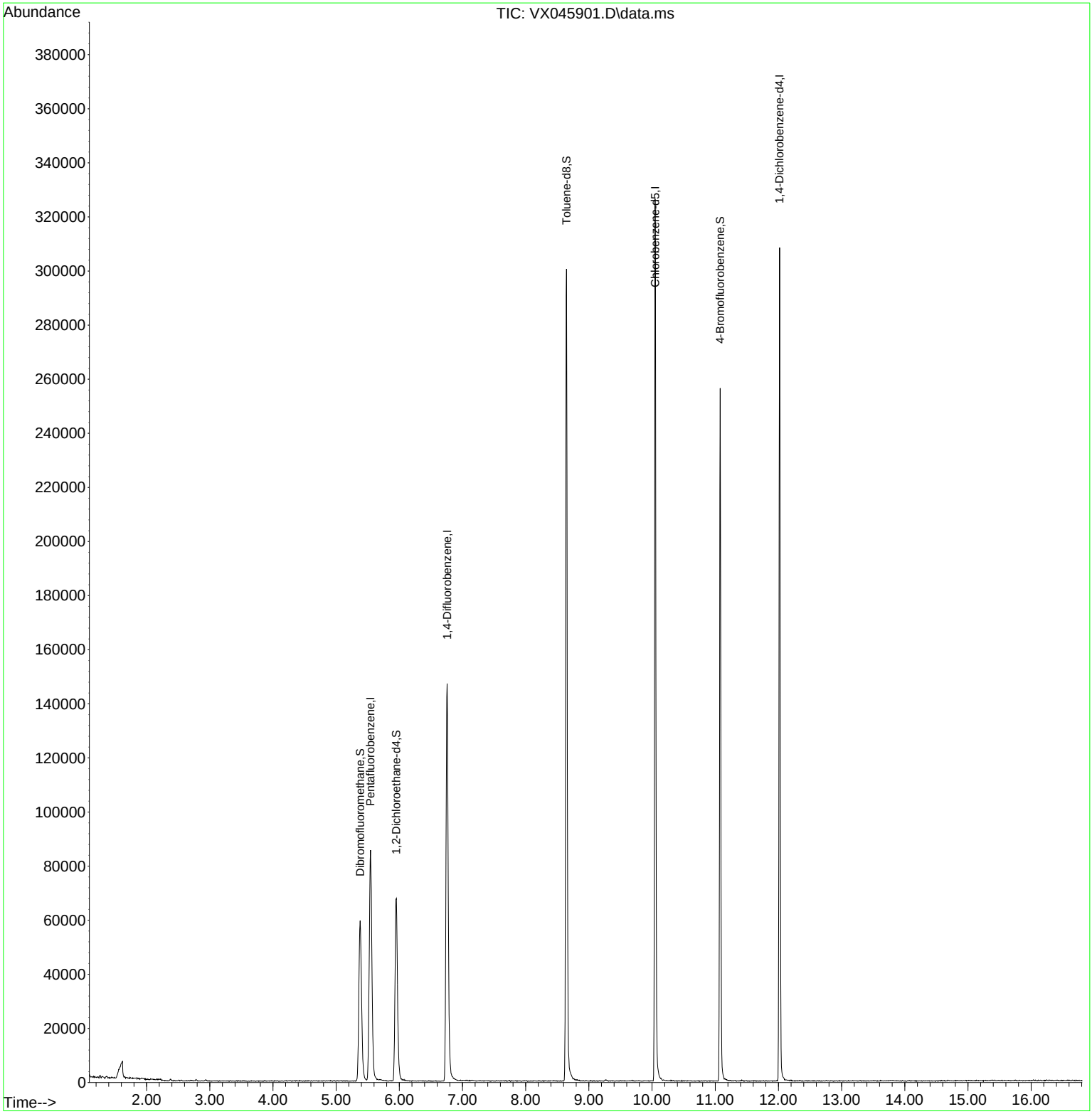
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	72740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70782	53.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	5.379	113	51712	51.451	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	8.647	98	176682	50.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.720%			
62) 4-Bromofluorobenzene	11.079	95	66479	52.026	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.060%			
Target Compounds						Qvalue

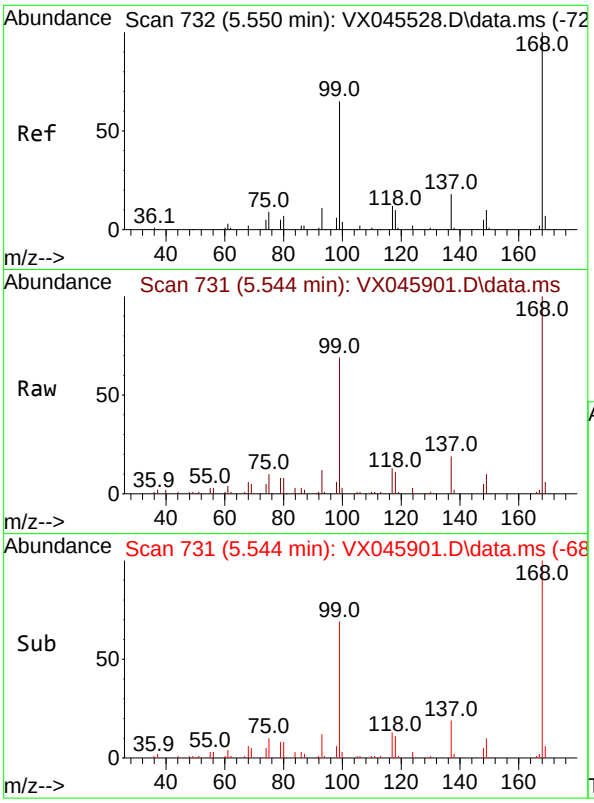
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045901.D
Acq On : 23 Apr 2025 09:47
Operator : JC/MD
Sample : VX0423WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBL01

Quant Time: Apr 24 02:13:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



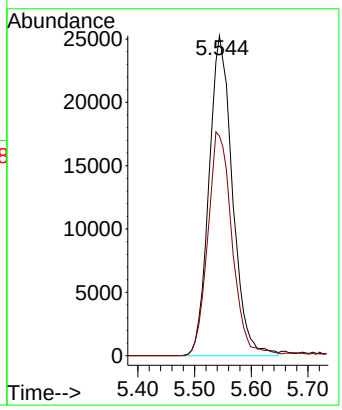


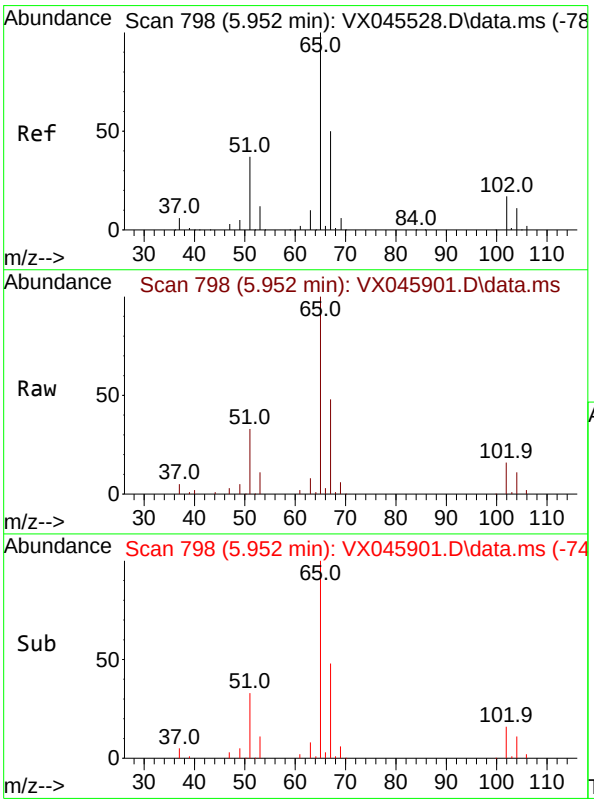
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBL01

Tgt Ion:168 Resp: 72740

Ion	Ratio	Lower	Upper
168	100		
99	68.6	52.3	78.5

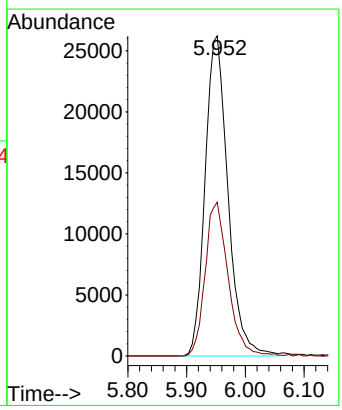


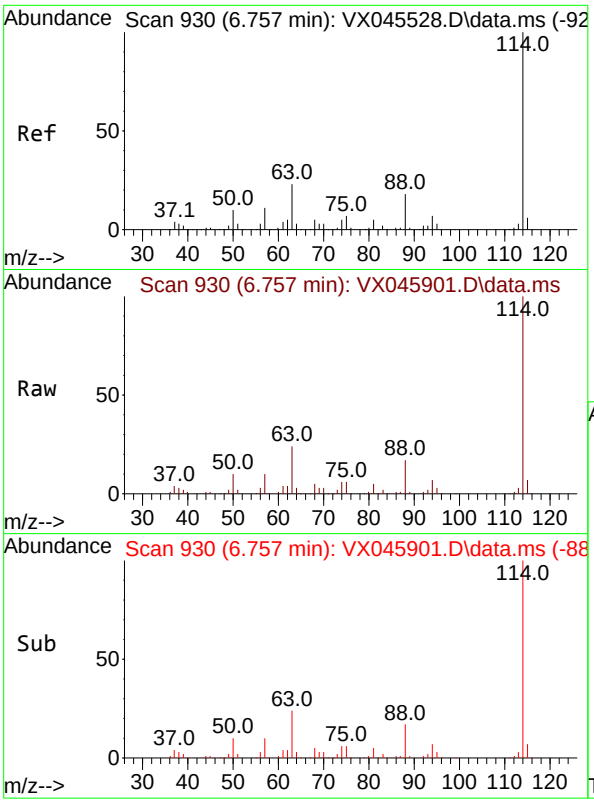


#33
1,2-Dichloroethane-d4
Concen: 53.211 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Tgt Ion: 65 Resp: 70782

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	99.0



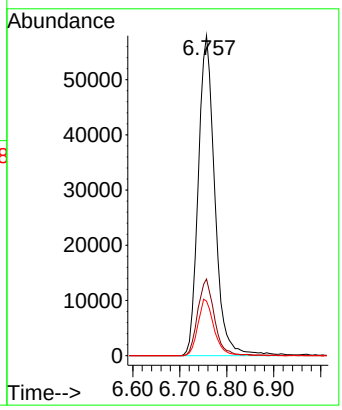


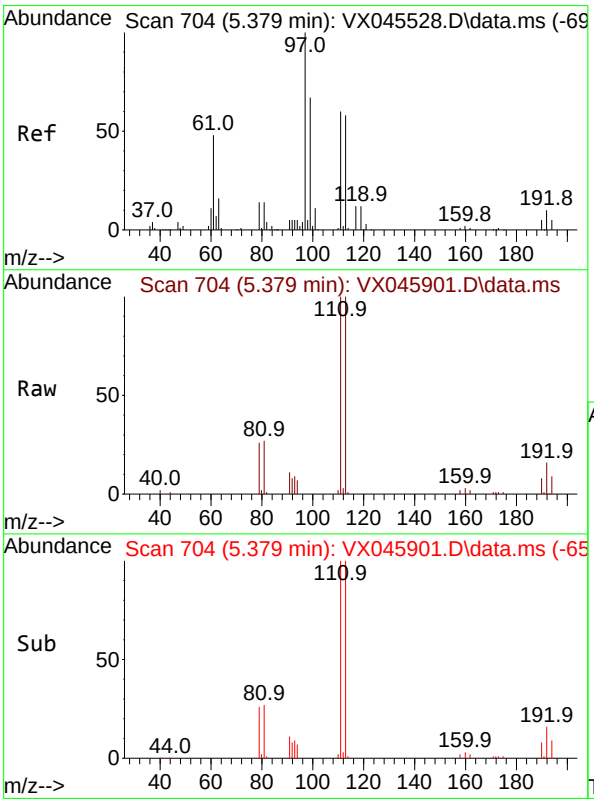
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBL01

Tgt Ion:114 Resp: 141658

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	46.8
88	17.0	0.0	35.4

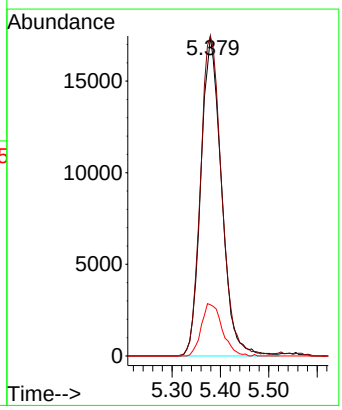


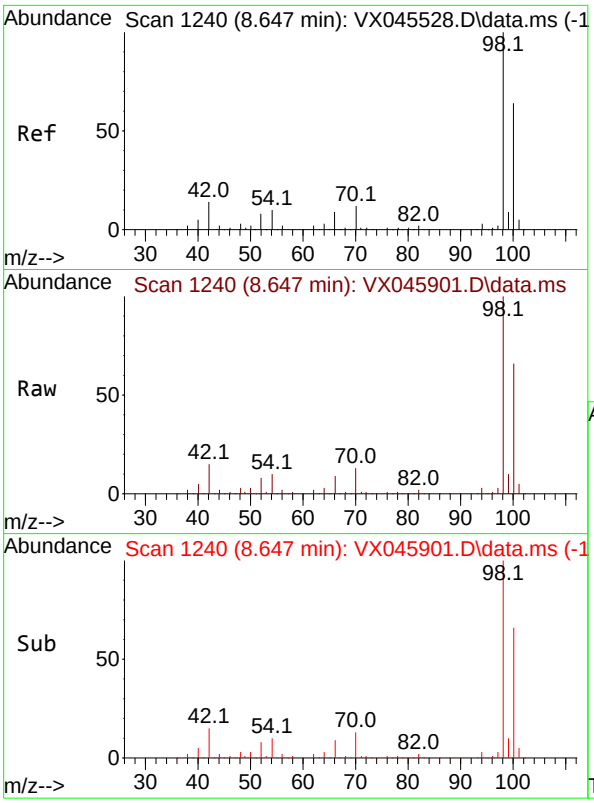


#35
Dibromofluoromethane
Concen: 51.451 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Tgt Ion:113 Resp: 51712

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	16.5	13.8	20.6



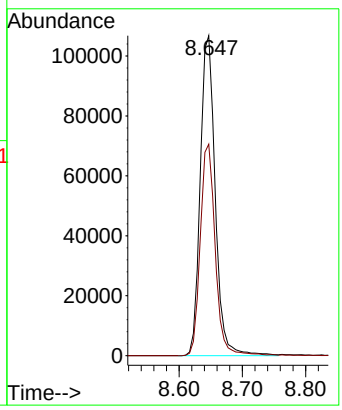


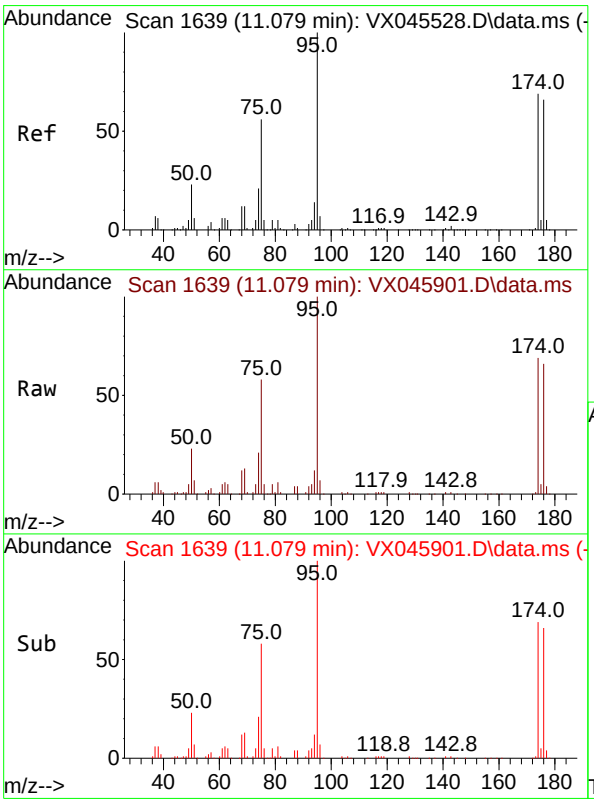
#50
Toluene-d8
Concen: 50.364 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBL01

Tgt Ion: 98 Resp: 176682

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.4

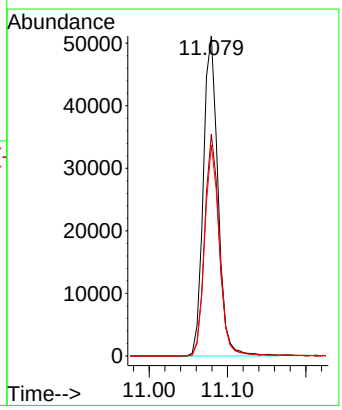


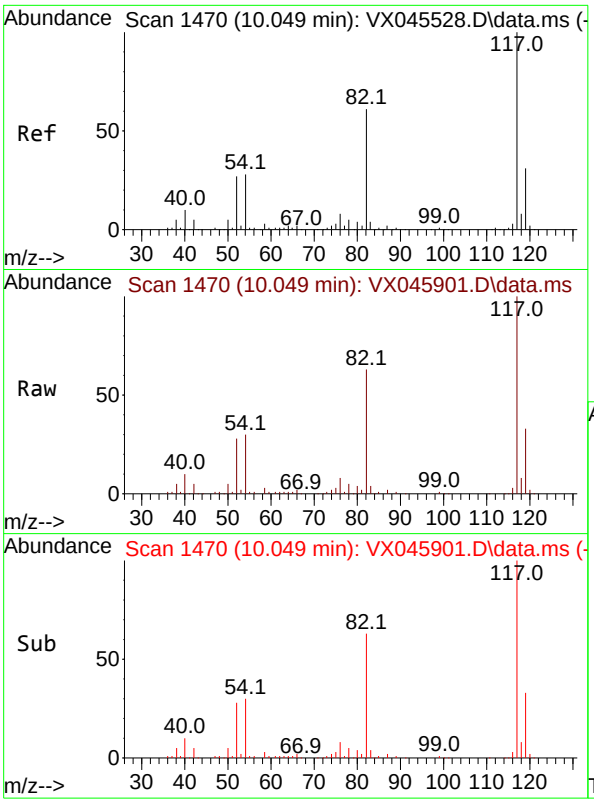


#62
4-Bromofluorobenzene
Concen: 52.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Tgt Ion: 95 Resp: 66479

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	135.8
176	66.4	0.0	131.4



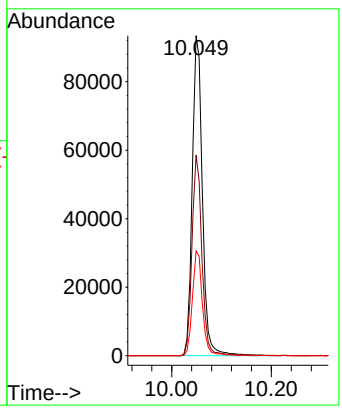


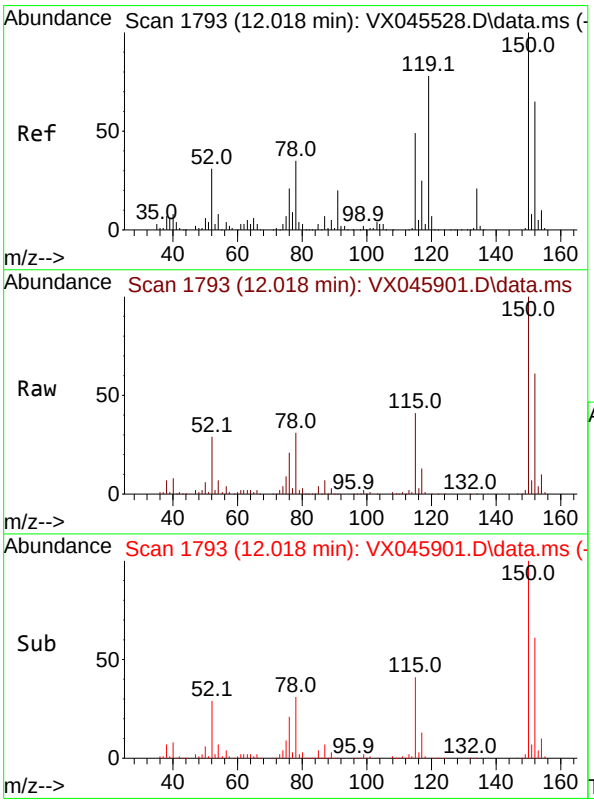
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBL01

Tgt Ion:117 Resp: 131943

Ion	Ratio	Lower	Upper
117	100		
82	62.6	49.2	73.8
119	32.7	25.1	37.7

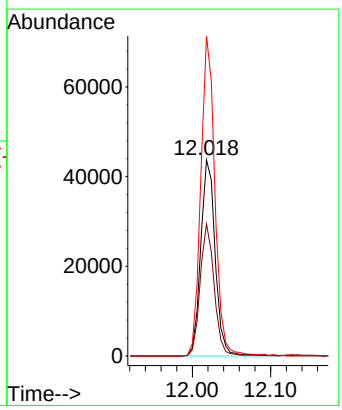




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045901.D
Acq: 23 Apr 2025 09:47

Tgt Ion:152 Resp: 56196

Ion	Ratio	Lower	Upper
152	100		
115	65.4	46.9	140.7
150	158.9	0.0	349.4



Raw Data: **VX045902.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBS01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045902.D	1		04/23/25 11:05	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.4		0.22	1.00	ug/L
74-87-3	Chloromethane	17.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.7		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	19.0		0.31	1.00	ug/L
74-83-9	Bromomethane	17.4		1.40	5.00	ug/L
75-00-3	Chloroethane	19.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	93.3		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
107-02-8	Acrolein	100		7.10	25.0	ug/L
107-13-1	Acrylonitrile	92.3		0.83	5.00	ug/L
67-64-1	Acetone	98.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.9		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.2		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	96.8		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.3		1.50	5.00	ug/L
78-93-3	2-Butanone	95.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.2		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	23.6		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.5		0.22	1.00	ug/L
67-66-3	Chloroform	20.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.2		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	20.6		0.15	1.00	ug/L

Raw Data: **VX045902.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBS01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045902.D	1		04/23/25 11:05	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.6		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.6		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	20.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.3		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	21.4		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	100		0.30	5.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	21.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	21.5		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	21.5		0.19	1.00	ug/L
67-72-1	Hexachloroethane	20.8		0.32	0	ug/L
100-41-4	Ethyl Benzene	21.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	42.4		0.24	2.00	ug/L
95-47-6	o-Xylene	21.5		0.12	1.00	ug/L
100-42-5	Styrene	21.5		0.15	1.00	ug/L
75-25-2	Bromoform	20.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.5		0.35	1.00	ug/L
108-86-1	Bromobenzene	20.2		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.7		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	20.5		0.14	1.00	ug/L

Raw Data: **VX045902.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBS01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045902.D	1		04/23/25 11:05	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.9		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	20.8		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	20.8		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	21.1		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	21.8		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	21.5		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	21.8		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.0		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	22.3		0.30	1.00	ug/L
91-20-3	Naphthalene	20.5		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	21.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	53.9		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.8		77 - 121	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	96600	5.537			
540-36-3	1,4-Difluorobenzene	166000	6.75			
3114-55-4	Chlorobenzene-d5	145000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	70200	12.018			

Raw Data: **VX045902.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBS01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045902.D	1		04/23/25 11:05	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045902.D
Acq On : 23 Apr 2025 11:05
Operator : JC/MD
Sample : VX0423WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 02:13:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	96629	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.750	114	166044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95490	54.038	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.080%			
35) Dibromofluoromethane	5.373	113	64999	55.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.340%			
50) Toluene-d8	8.646	98	221631	53.899	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.800%			
62) 4-Bromofluorobenzene	11.079	95	86606	57.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26552	18.374	ug/l	98
3) Chloromethane	1.300	50	25913	17.455	ug/l	99
4) Vinyl Chloride	1.373	62	24005	17.668	ug/l	99
5) Bromomethane	1.593	94	11212	17.405	ug/l	93
6) Chloroethane	1.666	64	13661	18.952	ug/l	98
7) Trichlorofluoromethane	1.873	101	39911	19.700	ug/l	99
8) Diethyl Ether	2.129	74	13050	19.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	24837	20.921	ug/l	96
10) Methyl Iodide	2.440	142	27426	18.521	ug/l	97
11) Tert butyl alcohol	2.971	59	22157	93.299	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21401	18.449	ug/l	99
13) Acrolein	2.233	56	33314	101.868	ug/l	99
14) Allyl chloride	2.654	41	42569	19.341	ug/l	99
15) Acrylonitrile	3.062	53	69164	92.262	ug/l	99
16) Acetone	2.379	43	71206	98.132	ug/l	99
17) Carbon Disulfide	2.501	76	41359	14.436	ug/l	99
18) Methyl Acetate	2.702	43	39868	23.864	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	81625	20.115	ug/l	100
20) Methylene Chloride	2.782	84	26268	19.337	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	21511	18.151	ug/l	92
22) Diisopropyl ether	3.757	45	87958	20.287	ug/l	92
23) Vinyl Acetate	3.714	43	362441	96.754	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47724	19.463	ug/l	98
25) 2-Butanone	4.550	43	101053	95.139	ug/l	98
26) 2,2-Dichloropropane	4.464	77	37347	23.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27728	19.204	ug/l	95
28) Bromochloromethane	4.891	49	27852	23.505	ug/l	100
29) Tetrahydrofuran	5.007	42	62058	90.118	ug/l	98
30) Chloroform	5.086	83	51288	20.328	ug/l	97
31) Cyclohexane	5.458	56	39613	18.274	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	42688	19.995	ug/l	99
36) 1,1-Dichloropropene	5.684	75	32827	20.637	ug/l	96
37) Ethyl Acetate	4.708	43	38045	18.979	ug/l	100
38) Carbon Tetrachloride	5.671	117	36514	21.240	ug/l	94
39) Methylcyclohexane	7.372	83	39378	20.196	ug/l	97
40) Benzene	6.031	78	95958	19.753	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045902.D
Acq On : 23 Apr 2025 11:05
Operator : JC/MD
Sample : VX0423WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 02:13:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	21785	20.597	ug/l		99
42) 1,2-Dichloroethane	6.080	62	42658	21.260	ug/l		100
43) Isopropyl Acetate	6.336	43	62861	20.690	ug/l		99
44) Trichloroethene	7.116	130	23438	20.298	ug/l		92
45) 1,2-Dichloropropane	7.427	63	24944	20.579	ug/l		98
46) Dibromomethane	7.574	93	19186	20.620	ug/l		97
47) Bromodichloromethane	7.817	83	39600	21.311	ug/l		99
48) Methyl methacrylate	7.689	41	32405	20.658	ug/l		99
49) 1,4-Dioxane	7.659	88	10850	382.296	ug/l		97
51) 4-Methyl-2-Pentanone	8.567	43	205978	102.271	ug/l		100
52) Toluene	8.714	92	59223	20.147	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	32751	19.778	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	37606	21.536	ug/l		97
55) 1,1,2-Trichloroethane	9.146	97	24940	21.291	ug/l		96
56) Ethyl methacrylate	9.116	69	38369	21.165	ug/l		98
57) 1,3-Dichloropropane	9.305	76	43599	21.374	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	92045	100.368	ug/l		99
59) 2-Hexanone	9.427	43	151625	101.662	ug/l		100
60) Dibromochloromethane	9.518	129	27251	21.339	ug/l		98
61) 1,2-Dibromoethane	9.604	107	25213	21.263	ug/l		98
64) Tetrachloroethene	9.268	164	22176	21.617	ug/l		97
65) Chlorobenzene	10.073	112	66689	21.479	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	23159	21.484	ug/l		98
67) Ethyl Benzene	10.189	91	117070	21.053	ug/l		98
68) m/p-Xylenes	10.299	106	85798	42.422	ug/l		98
69) o-Xylene	10.640	106	42812	21.488	ug/l		99
70) Styrene	10.652	104	70683	21.495	ug/l		97
71) Bromoform	10.799	173	16496	20.495	ug/l	#	96
73) Isopropylbenzene	10.957	105	115620	20.548	ug/l		99
74) N-amyl acetate	10.841	43	54577	20.277	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38309	19.381	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	33397m	19.491	ug/l		
77) Bromobenzene	11.195	156	26238	20.181	ug/l		100
78) n-propylbenzene	11.298	91	134399	20.737	ug/l		100
79) 2-Chlorotoluene	11.359	91	84762	20.457	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	97132	20.875	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9103	18.030	ug/l		95
82) 4-Chlorotoluene	11.451	91	96004	20.782	ug/l		99
83) tert-Butylbenzene	11.713	119	96025	20.845	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	98327	21.055	ug/l		99
85) sec-Butylbenzene	11.884	105	123285	21.790	ug/l		99
86) p-Isopropyltoluene	12.006	119	100477	21.540	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	49292	20.828	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	48495	20.213	ug/l		96
89) n-Butylbenzene	12.329	91	88084	21.776	ug/l		99
90) Hexachloroethane	12.536	117	16684	20.812	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	49932	21.222	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	8386	20.286	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	27523	21.015	ug/l		99
94) Hexachlorobutadiene	13.725	225	12562	22.259	ug/l		99
95) Naphthalene	13.774	128	99934	20.504	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	28798	20.999	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045902.D
Acq On : 23 Apr 2025 11:05
Operator : JC/MD
Sample : VX0423WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:13:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

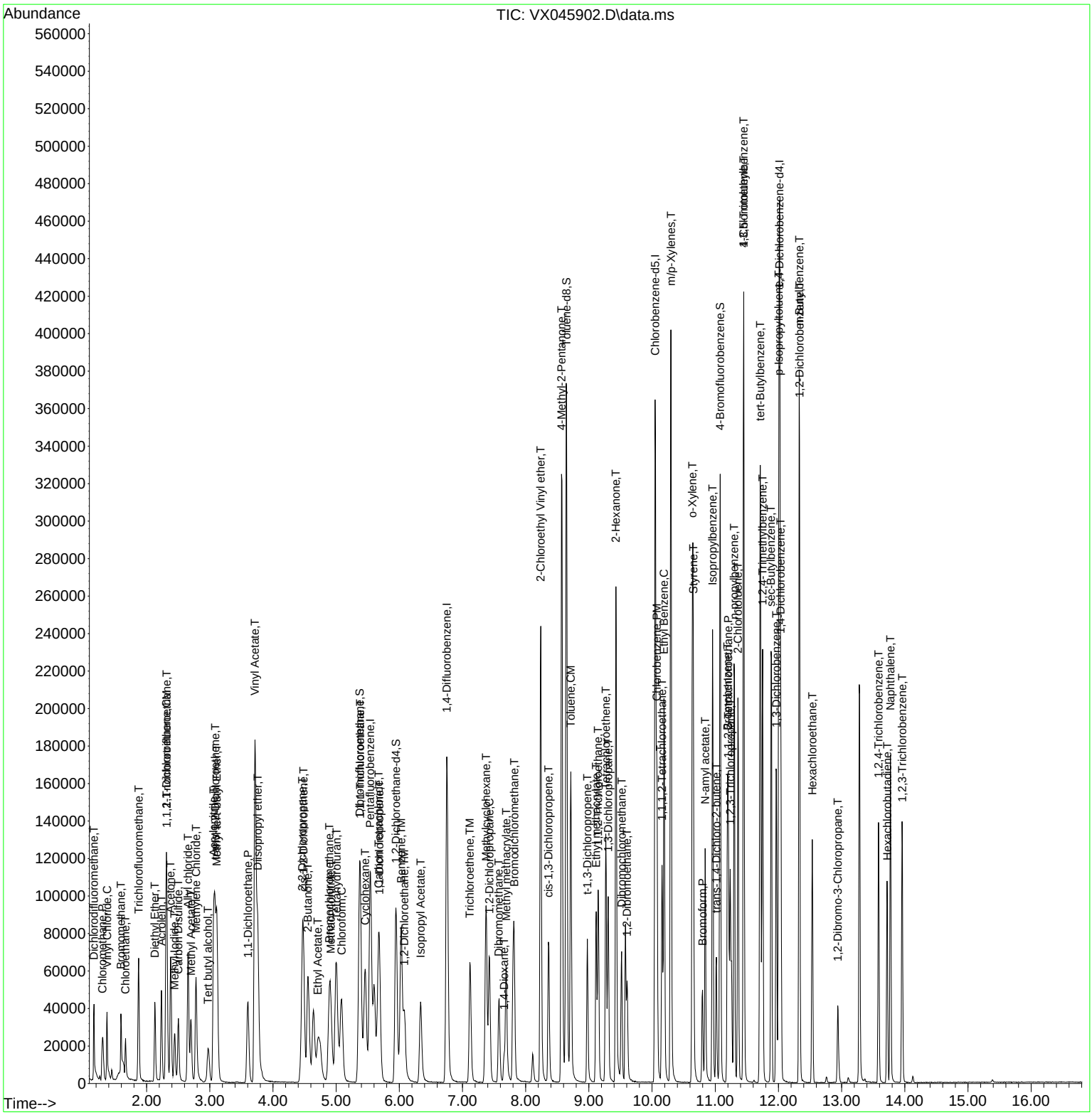
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045902.D
Acq On : 23 Apr 2025 11:05
Operator : JC/MD
Sample : VX0423WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 02:13:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



Raw Data: **VX045909.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBSD01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045909.D	1		04/23/25 13:50	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.4		0.22	1.00	ug/L
74-87-3	Chloromethane	17.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.8		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	18.7		0.31	1.00	ug/L
74-83-9	Bromomethane	18.0		1.40	5.00	ug/L
75-00-3	Chloroethane	19.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.3		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	100		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
107-02-8	Acrolein	130		7.10	25.0	ug/L
107-13-1	Acrylonitrile	99.5		0.83	5.00	ug/L
67-64-1	Acetone	99.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	26.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	98.1		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.3		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	21.8		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.4		0.22	1.00	ug/L
67-66-3	Chloroform	21.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.9		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	19.6		0.15	1.00	ug/L

Raw Data: **VX045909.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBSD01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045909.D	1		04/23/25 13:50	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.4		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.0		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	20.3		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.6		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	89.2		0.30	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.8		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.7		0.19	1.00	ug/L
67-72-1	Hexachloroethane	20.1		0.32	0	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.2		0.24	2.00	ug/L
95-47-6	o-Xylene	20.8		0.12	1.00	ug/L
100-42-5	Styrene	20.5		0.15	1.00	ug/L
75-25-2	Bromoform	19.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.1		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.9		0.35	1.00	ug/L
108-86-1	Bromobenzene	20.3		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.2		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	20.0		0.14	1.00	ug/L

Raw Data: **VX045909.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBSD01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045909.D	1		04/23/25 13:50	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.5		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	20.0		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	20.4		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.3		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	21.0		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.4		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.1		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.6		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	21.6		0.30	1.00	ug/L
91-20-3	Naphthalene	19.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		75 - 124	106%	SPK: 50
2037-26-5	Toluene-d8	50.3		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85500	5.543			
540-36-3	1,4-Difluorobenzene	151000	6.757			
3114-55-4	Chlorobenzene-d5	133000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	61500	12.018			

Raw Data: **VX045909.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0423WBSD01	SDG No.:	Q1837
Lab Sample ID:	VX0423WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045909.D	1		04/23/25 13:50	VX042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045909.D
Acq On : 23 Apr 2025 13:50
Operator : JC/MD
Sample : VX0423WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 24 02:15:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	85453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81919	52.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	5.379	113	56661	52.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	8.646	98	187968	50.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	72095	52.987	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23510	18.397	ug/l	99
3) Chloromethane	1.306	50	22275	16.966	ug/l	99
4) Vinyl Chloride	1.373	62	21427	17.834	ug/l	96
5) Bromomethane	1.593	94	10269	18.026	ug/l	96
6) Chloroethane	1.672	64	12614	19.788	ug/l	96
7) Trichlorofluoromethane	1.873	101	35552	19.843	ug/l	99
8) Diethyl Ether	2.129	74	11863	19.722	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	21361	20.346	ug/l	98
10) Methyl Iodide	2.446	142	24845	18.973	ug/l	96
11) Tert butyl alcohol	2.965	59	21914	104.344	ug/l	98
12) 1,1-Dichloroethene	2.312	96	19277	18.791	ug/l	98
13) Acrolein	2.233	56	38041	131.535	ug/l	100
14) Allyl chloride	2.660	41	37725	19.381	ug/l	99
15) Acrylonitrile	3.062	53	65932	99.453	ug/l	98
16) Acetone	2.379	43	63982	99.708	ug/l	99
17) Carbon Disulfide	2.501	76	35584	14.044	ug/l	97
18) Methyl Acetate	2.702	43	38429	26.011	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	74308	20.706	ug/l	99
20) Methylene Chloride	2.788	84	23000	19.145	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19288	18.404	ug/l	96
22) Diisopropyl ether	3.757	45	79641	20.771	ug/l #	87
23) Vinyl Acetate	3.721	43	325089	98.133	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43068	19.862	ug/l	100
25) 2-Butanone	4.556	43	95524	101.696	ug/l	98
26) 2,2-Dichloropropane	4.470	77	30553	21.808	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	24908	19.507	ug/l	98
28) Bromochloromethane	4.891	49	24571	23.449	ug/l	99
29) Tetrahydrofuran	5.001	42	61509	101.003	ug/l	98
30) Chloroform	5.092	83	46878	21.010	ug/l	97
31) Cyclohexane	5.458	56	35032	18.275	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	39105	20.713	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28272	19.566	ug/l	99
37) Ethyl Acetate	4.714	43	34074	18.712	ug/l	98
38) Carbon Tetrachloride	5.665	117	32640	20.901	ug/l	94
39) Methylcyclohexane	7.378	83	33546	18.939	ug/l	99
40) Benzene	6.037	78	87867	19.910	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045909.D
Acq On : 23 Apr 2025 13:50
Operator : JC/MD
Sample : VX0423WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 24 02:15:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	20549	21.387	ug/l		99
42) 1,2-Dichloroethane	6.080	62	38325	21.026	ug/l		99
43) Isopropyl Acetate	6.336	43	56023	20.299	ug/l		99
44) Trichloroethene	7.122	130	20735	19.768	ug/l		94
45) 1,2-Dichloropropane	7.427	63	22965	20.856	ug/l		95
46) Dibromomethane	7.580	93	17254	20.413	ug/l		98
47) Bromodichloromethane	7.817	83	34946	20.702	ug/l		97
48) Methyl methacrylate	7.695	41	29121	20.436	ug/l		99
49) 1,4-Dioxane	7.665	88	11832	458.924	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	195071	106.619	ug/l		99
52) Toluene	8.714	92	52863	19.796	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	28413	18.991	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	32252	20.332	ug/l		96
55) 1,1,2-Trichloroethane	9.146	97	21615	20.313	ug/l		95
56) Ethyl methacrylate	9.116	69	34760	21.107	ug/l		99
57) 1,3-Dichloropropane	9.305	76	38236	20.635	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	74324	89.215	ug/l		98
59) 2-Hexanone	9.427	43	143481	105.900	ug/l		98
60) Dibromochloromethane	9.518	129	24122	20.793	ug/l		99
61) 1,2-Dibromoethane	9.610	107	22215	20.623	ug/l		98
64) Tetrachloroethene	9.268	164	19153	20.472	ug/l		97
65) Chlorobenzene	10.079	112	58873	20.792	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	20315	20.665	ug/l		99
67) Ethyl Benzene	10.189	91	104229	20.553	ug/l		98
68) m/p-Xylenes	10.299	106	75996	41.202	ug/l		99
69) o-Xylene	10.640	106	37710	20.754	ug/l		100
70) Styrene	10.652	104	61600	20.541	ug/l		98
71) Bromoform	10.799	173	14540	19.809	ug/l	#	99
73) Isopropylbenzene	10.957	105	99859	20.258	ug/l		100
74) N-amyl acetate	10.841	43	47017	19.940	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34729	20.056	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	29837m	19.877	ug/l		
77) Bromobenzene	11.195	156	23085	20.269	ug/l		99
78) n-propylbenzene	11.298	91	114462	20.160	ug/l		99
79) 2-Chlorotoluene	11.359	91	72485	19.970	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	83395	20.460	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	7862	17.776	ug/l		95
82) 4-Chlorotoluene	11.451	91	80962	20.006	ug/l		100
83) tert-Butylbenzene	11.713	119	82251	20.382	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	83120	20.317	ug/l		100
85) sec-Butylbenzene	11.890	105	103988	20.980	ug/l		99
86) p-Isopropyltoluene	12.006	119	83465	20.426	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	41258	19.901	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	41008	19.511	ug/l		97
89) n-Butylbenzene	12.329	91	71112	20.068	ug/l		99
90) Hexachloroethane	12.536	117	14132	20.123	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	42403	20.572	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7719	21.315	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	22432	19.552	ug/l		99
94) Hexachlorobutadiene	13.719	225	10674	21.590	ug/l		95
95) Naphthalene	13.774	128	84459	19.781	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	24506	20.398	ug/l		98

Sample Results: **VX045909.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045909.D
Acq On : 23 Apr 2025 13:50
Operator : JC/MD
Sample : VX0423WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:15:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

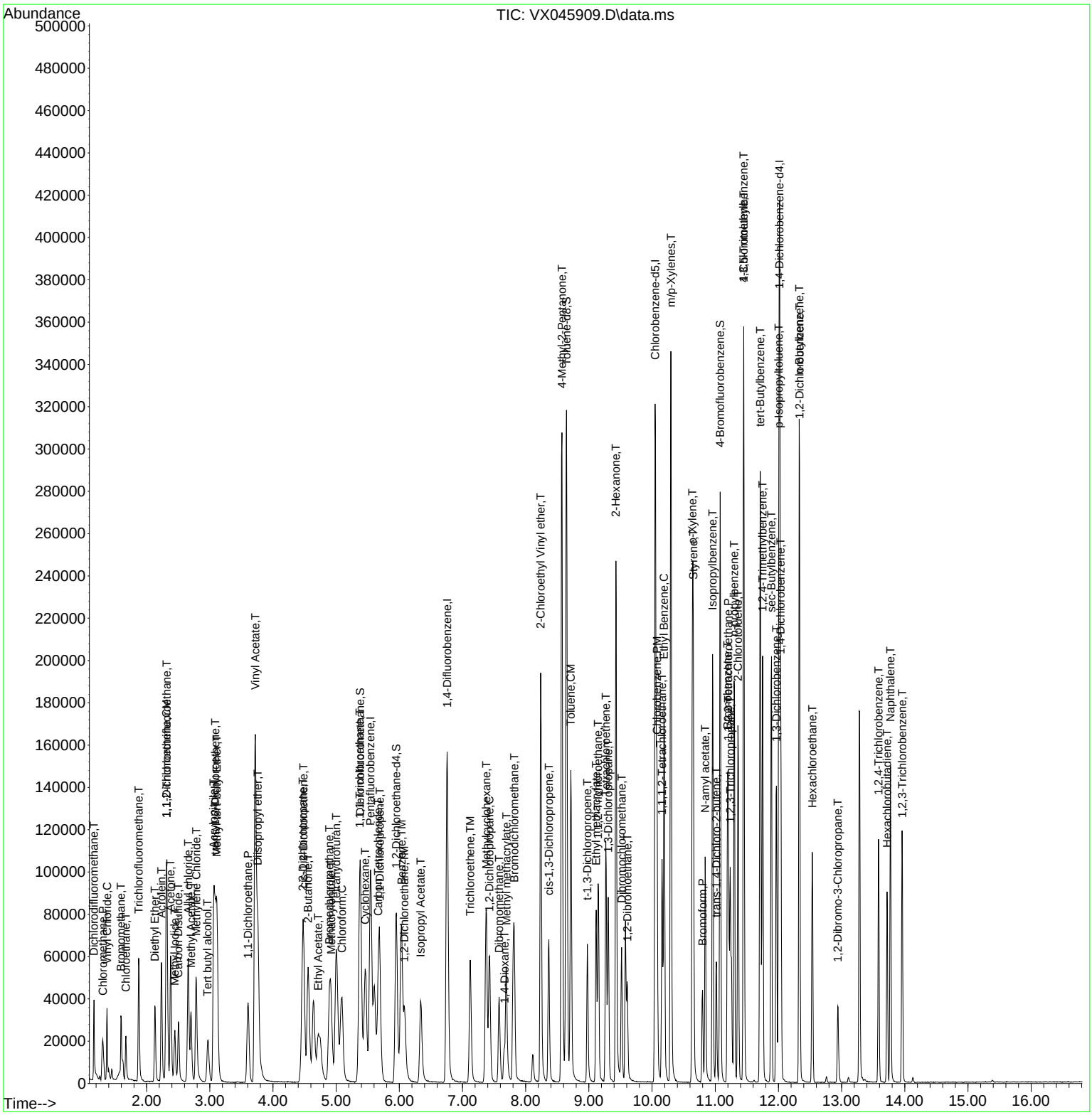
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045909.D
Acq On : 23 Apr 2025 13:50
Operator : JC/MD
Sample : VX0423WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 24 02:15:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



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

Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	vx042325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045899.D	1,2,3-Trichloropropane	JOHN	4/24/2025 9:33:21 AM	MMDadoda	4/25/2025 12:52:22 AM	Peak Integrated by Software
VX0423WBS01	VX045902.D	1,2,3-Trichloropropane	JOHN	4/24/2025 9:33:26 AM	MMDadoda	4/25/2025 12:52:23 AM	Peak Integrated by Software
VX0423WBSD01	VX045909.D	1,2,3-Trichloropropane	JOHN	4/24/2025 9:33:36 AM	MMDadoda	4/25/2025 12:52:26 AM	Peak Integrated by Software
VSTDCCC050	VX045912.D	1,2,3-Trichloropropane	JOHN	4/24/2025 9:33:41 AM	MMDadoda	4/25/2025 12:52:28 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX042325

Review By	John Carlone	Review On	4/24/2025 9:34:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/25/2025 12:52:38 AM		
SubDirectory	VX042325	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133729
Initial Calibration Stds	
CCC	VP133730,VP133731
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045898.D	23 Apr 2025 08:29	JC/MD	Ok
2	VSTDCCC050	VX045899.D	23 Apr 2025 08:56	JC/MD	Ok,M
3	VX0423MBL01	VX045900.D	23 Apr 2025 09:24	JC/MD	Ok
4	VX0423WBL01	VX045901.D	23 Apr 2025 09:47	JC/MD	Ok
5	VX0423WBS01	VX045902.D	23 Apr 2025 11:05	JC/MD	Ok,M
6	VX0423WBS02	VX045903.D	23 Apr 2025 11:32	JC/MD	Not Ok
7	IBLK	VX045904.D	23 Apr 2025 11:55	JC/MD	Ok
8	Q1837-01	VX045905.D	23 Apr 2025 12:18	JC/MD	Ok
9	Q1837-02	VX045906.D	23 Apr 2025 12:41	JC/MD	Ok
10	Q1837-03	VX045907.D	23 Apr 2025 13:04	JC/MD	Ok
11	Q1837-04	VX045908.D	23 Apr 2025 13:27	JC/MD	Ok
12	VX0423WBSD01	VX045909.D	23 Apr 2025 13:50	JC/MD	Ok,M
13	IBLK	VX045910.D	23 Apr 2025 15:20	JC/MD	Ok
14	IBLK	VX045911.D	23 Apr 2025 16:29	JC/MD	Ok
15	VSTDCCC050	VX045912.D	23 Apr 2025 16:52	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER-	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER-	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX042325

Review By	John Carlone	Review On	4/24/2025 9:34:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/25/2025 12:52:38 AM		
SubDirectory	VX042325	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133729
Initial Calibration Stds	
CCC	VP133730,VP133731
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045898.D	23 Apr 2025 08:29		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045899.D	23 Apr 2025 08:56	pH#Lot#V12668	JC/MD	Ok,M
3	VX0423MBL01	VX0423MBL01	VX045900.D	23 Apr 2025 09:24		JC/MD	Ok
4	VX0423WBL01	VX0423WBL01	VX045901.D	23 Apr 2025 09:47		JC/MD	Ok
5	VX0423WBS01	VX0423WBS01	VX045902.D	23 Apr 2025 11:05		JC/MD	Ok,M
6	VX0423WBS02	VX0423WBS02	VX045903.D	23 Apr 2025 11:32	Surrogate Fail	JC/MD	Not Ok
7	IBLK	IBLK	VX045904.D	23 Apr 2025 11:55		JC/MD	Ok
8	Q1837-01	STORAGE-BLANK-SO	VX045905.D	23 Apr 2025 12:18	vial A pH<2	JC/MD	Ok
9	Q1837-02	STORAGE-BLANK-WA	VX045906.D	23 Apr 2025 12:41	vial A pH<2	JC/MD	Ok
10	Q1837-03	STORAGE-BLANK-WA	VX045907.D	23 Apr 2025 13:04	vial A pH<2	JC/MD	Ok
11	Q1837-04	STORAGE-BLANK-SA	VX045908.D	23 Apr 2025 13:27	vial A pH<2	JC/MD	Ok
12	VX0423WBSD01	VX0423WBSD01	VX045909.D	23 Apr 2025 13:50		JC/MD	Ok,M
13	IBLK	IBLK	VX045910.D	23 Apr 2025 15:20		JC/MD	Ok
14	IBLK	IBLK	VX045911.D	23 Apr 2025 16:29		JC/MD	Ok
15	VSTDCCC050	VSTDCCC050EC	VX045912.D	23 Apr 2025 16:52		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135479

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
Q1832-01	PL-714-COMP-01	1	1.14	10.54	11.68	8.96	74.2	
Q1832-02	PL-714-VOC-01	2	1.15	10.97	12.12	10.02	80.9	
Q1832-03	PL-714-01	3	1.18	9.09	10.27	8.53	80.9	
Q1832-04	PL-714-02	4	1.18	10.09	11.27	8.99	77.4	
Q1832-05	PL-714-03	5	1.16	9.87	11.03	8.75	76.9	
Q1832-07	PL-714-COMP-02	6	1.14	10.41	11.55	8.62	71.9	
Q1832-08	PL-714-VOC-02	7	1.18	11.49	12.67	10.23	78.8	
Q1832-09	PL-714-04	8	1.13	10.63	11.76	9.86	82.1	
Q1832-10	PL-714-05	9	1.18	9.84	11.02	8.66	76.0	
Q1832-11	PL-714-06	10	1.18	10.84	12.02	9.63	78.0	
Q1832-13	PL-714-COMP-03	11	1.11	9.89	11.00	9.11	80.9	
Q1832-14	PL-714-VOC-03	12	1.15	11.09	12.24	10.2	81.6	
Q1832-15	PL-714-07	13	1.18	10.06	11.24	9.2	79.7	
Q1832-16	PL-714-08	14	1.18	10.20	11.38	9.36	80.2	
Q1832-17	PL-714-09	15	1.18	10.40	11.58	9.24	77.5	
Q1832-19	PL-714-COMP-04	16	1.18	10.48	11.66	9.65	80.8	
Q1832-20	PL-714-VOC-04	17	1.13	10.65	11.78	9.28	76.5	
Q1832-21	PL-714-10	18	1.19	9.80	10.99	9.00	79.7	
Q1832-22	PL-714-11	19	1.18	10.35	11.53	9.03	75.8	
Q1832-23	PL-714-12	20	1.19	11.05	12.24	10.37	83.1	
Q1832-25	PL-714-COMP-05	21	1.18	10.17	11.35	9.28	79.6	
Q1832-26	PL-714-VOC-05	22	1.18	10.15	11.33	9.09	77.9	
Q1832-27	PL-714-13	23	1.19	9.97	11.16	8.99	78.2	
Q1832-28	PL-714-14	24	1.18	9.62	10.8	8.74	78.6	
Q1832-29	PL-714-15	25	1.18	10.14	11.32	9.13	78.4	
Q1832-31	PL-714-COMP-6	26	1.14	11.41	12.55	11.02	86.6	
Q1832-32	PL-714-VOC-6	27	1.14	12.66	13.8	11.94	85.3	
Q1832-33	PL-714-16	28	1.18	9.22	10.4	8.49	79.3	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135479

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
Q1832-34	PL-714-17	29	1.17	9.92	11.09	9.21	81.0	
Q1832-35	PL-714-18	30	1.14	11.07	12.21	10.00	80.0	
Q1832-37	PL-714-COMP-07	31	1.18	10.43	11.61	9.85	83.1	
Q1832-38	PL-714-VOC-07	32	1.15	12.12	13.27	10.88	80.3	
Q1832-39	PL-714-19	33	1.19	9.57	10.76	9.37	85.5	
Q1832-40	PL-714-20	34	1.19	10.45	11.64	10.04	84.7	
Q1832-41	PL-714-21	35	1.19	10.66	11.85	9.81	80.9	
Q1837-05	SVOC-GPC-BLANK	36	1.00	1.00	2.00	2.00	100.0	
Q1837-06	PEST-GPC-BLANK	37	1.00	1.00	2.00	2.00	100.0	
Q1837-07	PEST-GPC-BLANK-SPIKE	38	1.00	1.00	2.00	2.00	100.0	
Q1837-08	PCB-GPC-BLANK	39	1.00	1.00	2.00	2.00	100.0	
Q1837-09	PCB-GPC-BLANK-SPIKE	40	1.00	1.00	2.00	2.00	100.0	
Q1837-10	SVOC-GPC2-BLANK	41	1.00	1.00	2.00	2.00	100.0	
Q1837-11	PEST-GPC2-BLANK	42	1.00	1.00	2.00	2.00	100.0	
Q1837-12	PEST-GPC2-BLANK-SPIKE	43	1.00	1.00	2.00	2.00	100.0	
Q1837-13	PCB-GPC2-BLANK	44	1.00	1.00	2.00	2.00	100.0	
Q1837-14	PCB-GCP2-BLANK-SPIKE	45	1.00	1.00	2.00	2.00	100.0	
Q1838-01	AT054P-SD38-041625-00	46	1.15	10.30	11.45	7.85	65.0	
Q1838-02	AT054P-SD39-041625-00	47	1.19	10.38	11.57	7.79	63.6	
Q1838-03	AT050P-SD06-041625-00	48	1.13	11.00	12.13	7.96	62.1	
Q1838-04	AT057P-SD06-041625-00	49	1.19	10.62	11.81	7.82	62.4	
Q1838-05	AT057P-SD05-041625-00	50	1.18	11.35	12.53	8.17	61.6	
Q1838-06	AT050P-SD33-041625-00	51	1.17	10.83	12.00	9.66	78.4	
Q1838-07	AT050P-SD32-041625-00	52	1.19	10.33	11.52	6.18	48.3	
Q1839-01	AT016P-SD03-041625-00	53	1.14	10.59	11.73	9.53	79.2	
Q1839-02	AT016P-SD09-041625-00	54	1.17	11.46	12.63	9.39	71.7	
Q1839-03	AT016P-SD12-041625-00	55	1.13	9.85	10.98	9.22	82.1	
Q1839-04	AT016P-SD11-041625-00	56	1.13	9.93	11.06	8.35	72.7	

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135479

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
Q1839-05	AT016P-SD10-041625-00	57	1.18	10.88	12.06	8.91	71.0	
Q1839-06	AT091P-SD06-041625-00	58	1.15	10.31	11.46	8.32	69.5	
Q1839-07	AT016P-SD07-041625-00	59	1.17	10.39	11.56	9.42	79.4	
Q1839-08	AT016P-SD08-041625-00	60	1.12	10.64	11.76	8.45	68.9	
Q1839-09	AT014P-SD16-041625-00	61	1.15	10.32	11.47	8.96	75.7	
Q1839-10	AT014P-SD17-041625-00	62	1.19	10.10	11.29	9.39	81.2	
Q1839-11	AT014P-SD18-041625-00	63	1.17	10.48	11.65	10.74	91.3	
Q1839-12	AT014P-SD19-041625-00	64	1.15	10.14	11.29	10.96	96.7	
Q1839-13	AT014P-SD21-041625-00	65	1.19	10.58	11.77	9.82	81.6	
Q1839-14	AT014P-SD20-041625-00	66	1.13	9.63	10.76	8.18	73.2	
Q1839-15	AT014P-SD15-041625-00	67	1.12	10.07	11.19	9.72	85.4	
Q1839-16	AT014P-SD22-041625-00	68	1.18	10.23	11.41	8.96	76.1	
Q1839-17	AT014P-SD23-041625-00	69	1.14	10.29	11.43	8.24	69.0	
Q1840-01	OK-04-04182025	70	1.19	10.31	11.5	10.55	90.8	
Q1840-02	OK-04-04182025-E2	71	1.19	10.07	11.26	10.47	92.2	
Q1841-01	VNJ-231	72	1.15	10.14	11.29	10.1	88.3	
Q1841-02	VNJ-231	73	1.17	10.14	11.31	10.15	88.6	
Q1842-01	PL-714-COMP-08	74	1.19	10.11	11.3	9.2	79.2	
Q1842-02	PL-714-VOC-08	75	1.14	10.29	11.43	9.37	80.0	
Q1842-03	PL-714-22	76	1.18	9.99	11.17	8.78	76.1	
Q1842-04	PL-714-23	77	1.18	9.76	10.94	8.76	77.7	
Q1842-05	PL-714-24	78	1.19	10.19	11.38	9.28	79.4	
Q1842-07	PL-714-COMP-09	79	1.17	10.73	11.9	9.84	80.8	
Q1842-08	PL-714-VOC-09	80	1.14	11.11	12.25	9.95	79.3	
Q1842-09	PL-714-25	81	1.19	9.85	11.04	9.14	80.7	
Q1842-10	PL-714-26	82	1.19	10.12	11.31	9.48	81.9	
Q1842-11	PL-714-27	83	1.18	10.00	11.18	8.61	74.3	
Q1842-13	PL-714-COMP-10	84	1.13	10.75	11.88	9.87	81.3	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135479

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
Q1842-14	PL-714-VOC-10	85	1.17	11.91	13.08	10.55	78.8	
Q1842-15	PL-714-28	86	1.12	9.67	10.79	8.92	80.7	
Q1842-16	PL-714-29	87	1.17	10.71	11.88	9.47	77.5	
Q1842-17	PL-714-30	88	1.14	10.44	11.58	9.35	78.6	
Q1842-18	PL-714-COMP-10	89	1.17	10.33	11.5	9.25	78.2	
Q1842-19	PL-714-COMP-11	90	1.11	11.66	12.77	10.42	79.8	
Q1842-20	PL-714-VOC-11	91	1.19	9.96	11.15	8.65	74.9	
Q1842-21	PL-714-31	92	1.16	10.80	11.96	9.61	78.2	
Q1842-22	PL-714-32	93	1.18	10.11	11.29	9.24	79.7	
Q1842-23	PL-714-33	94	1.15	10.10	11.25	8.98	77.5	
Q1842-25	PL-714-COMP-12	95	1.14	10.04	11.18	9.52	83.5	
Q1842-26	PL-714-VOC-12	96	1.16	10.39	11.55	9.64	81.6	
Q1842-27	PL-714-34	97	1.18	10.04	11.22	9.95	87.4	
Q1842-28	PL-714-35	98	1.13	10.72	11.85	9.92	82.0	
Q1842-29	PL-714-36	99	1.18	10.01	11.19	9.36	81.7	
Q1842-31	PL-714-COMP-13	100	1.12	10.56	11.68	10.13	85.3	
Q1842-32	PL-714-VOC-13	101	1.12	12.71	13.83	12.36	88.4	
Q1842-33	PL-714-37	102	1.19	10.17	11.36	10.18	88.4	
Q1842-34	PL-714-38	103	1.13	10.00	11.13	9.24	81.1	
Q1842-35	PL-714-39	104	1.14	10.53	11.67	9.39	78.3	
Q1842-37	PL-714-COMP-14	105	1.13	10.66	11.79	10.36	86.6	
Q1842-38	PL-714-VOC-14	106	1.13	11.37	12.5	10.84	85.4	
Q1842-39	PL-714-40	107	1.16	10.54	11.7	9.98	83.7	
Q1842-40	PL-714-41	108	1.13	11.09	12.22	10.49	84.4	
Q1842-41	PL-714-42	109	1.17	10.89	12.06	10.26	83.5	

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

WORKLIST(Hardcopy Internal Chain)

JD 135479

WorkList Name : %1-041825 **WorkList ID :** 189012 **Department :** Wet-Chemistry **Date :** 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1837-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1838-01	AT054P-SD38-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-02	AT054P-SD39-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-03	AT050P-SD06-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-04	AT057P-SD06-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-05	AT057P-SD05-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-06	AT050P-SD33-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-07	AT050P-SD32-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1839-01	AT016P-SD03-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1839-02	AT016P-SD09-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-03	AT016P-SD12-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-04	AT016P-SD11-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-05	AT016P-SD10-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-06	AT091P-SD06-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-07	AT016P-SD07-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-08	AT016P-SD08-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-09	AT014P-SD16-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-10	AT014P-SD17-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-11	AT014P-SD18-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO

Date/Time 04-18-25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 04-18-25 17:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

SB135479

WorkList Name : %1-041825 **WorkList ID :** 189012 **Department :** Wet-Chemistry **Date :** 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1839-12	AT014P-SD19-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-13	AT014P-SD21-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-14	AT014P-SD20-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-15	AT014P-SD15-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-16	AT014P-SD22-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-17	AT014P-SD23-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1840-01	OK-04-04182025	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1840-02	OK-04-04182025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	04/18/2025	Chemtech -SO
Q1841-01	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	04/18/2025	Chemtech -SO
Q1841-02	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/18/2025	Chemtech -SO
Q1842-01	PL-714-COMP-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/18/2025	Chemtech -SO
Q1842-02	PL-714-VOC-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-03	PL-714-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-04	PL-714-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-05	PL-714-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-07	PL-714-COMP-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-08	PL-714-VOC-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-09	PL-714-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-10	PL-714-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-11	PL-714-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-13	PL-714-COMP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO

Date/Time 04.18.25 15:00

Raw Sample Received by: SB WC

Raw Sample Relinquished by: SB WC

Date/Time 04-18-25 17:10

Raw Sample Received by: SB WC

Raw Sample Relinquished by: SB WC

WORKLIST(Hardcopy Internal Chain)

135479

WorkList Name : %1-041825 **WorkList ID :** 189012 **Department :** Wet-Chemistry **Date :** 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1832-01	PL-714-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-02	PL-714-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-03	PL-714-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-04	PL-714-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-05	PL-714-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-07	PL-714-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-08	PL-714-VOC-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-09	PL-714-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-10	PL-714-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-11	PL-714-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-13	PL-714-COMP-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-14	PL-714-VOC-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-15	PL-714-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-16	PL-714-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-17	PL-714-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-19	PL-714-COMP-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-20	PL-714-VOC-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-21	PL-714-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-22	PL-714-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-23	PL-714-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-25	PL-714-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO

Date/Time 04-18-25 151.00

Raw Sample Received by: SP WC

Raw Sample Relinquished by: [signature]

Date/Time 04-18-25 17:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: SP WC

WORKLIST(Hardcopy Internal Chain)

JB 135479

WorkList Name : %1-041825 **WorkList ID :** 189012 **Department :** Wet-Chemistry **Date :** 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1832-26	PL-714-VOC-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-27	PL-714-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-28	PL-714-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-29	PL-714-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-31	PL-714-COMP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-32	PL-714-VOC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-33	PL-714-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-34	PL-714-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-35	PL-714-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-37	PL-714-COMP-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-38	PL-714-VOC-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-39	PL-714-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-40	PL-714-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-41	PL-714-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1837-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1837-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO

Date/Time 04.18.25 1510

Raw Sample Received by: SB WC

Raw Sample Relinquished by: [signature]

Date/Time 04.18.25 17:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

R135479

WorkList Name : %1-041825 **WorkList ID :** 189012 **Department :** Wet-Chemistry **Date :** 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1842-14	PL-714-VOC-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-15	PL-714-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-16	PL-714-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-17	PL-714-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-18	PL-714-COMP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-19	PL-714-COMP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-20	PL-714-VOC-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-21	PL-714-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-22	PL-714-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-23	PL-714-33	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-25	PL-714-COMP-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-26	PL-714-VOC-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-27	PL-714-34	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-28	PL-714-35	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-29	PL-714-36	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-31	PL-714-COMP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-32	PL-714-VOC-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-33	PL-714-37	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-34	PL-714-38	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-35	PL-714-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-37	PL-714-COMP-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO

Date/Time 04-18-25 7510 0

Raw Sample Received by: (COC)

Raw Sample Relinquished by:

Date/Time 04-18-25 17:10

Raw Sample Received by:

Raw Sample Relinquished by: (COC)

WORKLIST(Hardcopy Internal Chain)

1354 79

WorkList Name : %1-041825 **WorkList ID :** 189012 **Department :** Wet-Chemistry **Date :** 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1842-38	PL-714-VOC-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-39	PL-714-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-40	PL-714-41	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-41	PL-714-42	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO

Date/Time 04.18.25 1510

Raw Sample Received by: WOC

Raw Sample Relinquished by: SM

Date/Time 04.18.25 17:10

Raw Sample Received by: SM

Raw Sample Relinquished by: WOC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 04/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135506

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
Q1837-15	FLORISIL CHECK	1	1.00	1.00	2.00	2.00	100.0	
Q1845-01	GAS-PIPE-1	2	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1846-01	JEI294J-1-1	12	1.00	1.00	2.00	2.00	100.0	pilc
Q1846-02	JEI294J-1-2	13	1.00	1.00	2.00	2.00	100.0	pilc
Q1847-01	MOO-25-0121	14	1.18	10.13	11.31	10.13	88.4	
Q1847-02	MOO-25-0122	15	1.15	9.96	11.11	10.58	94.7	
Q1847-03	PAD-24125	16	1.18	10.49	11.67	11.22	95.7	
Q1848-01	RBR200027	17	1.13	10.13	11.26	10.14	88.9	
Q1848-02	RBR200027-E2	18	1.15	10.37	11.52	9.94	84.8	
Q1848-03	ETGI-275	19	1.18	10.98	12.16	10.61	85.9	
Q1848-04	ETGI-275-E2	20	1.17	9.95	11.12	9.8	86.7	
Q1848-05	ETGI-342	21	1.14	10.56	11.7	10.38	87.5	
Q1848-06	ETGI-342-E2	22	1.16	10.33	11.49	10.15	87.0	
Q1850-01	CONCRETE-PILE-N-C-LOT	3	1.00	1.00	2.00	2.00	100.0	CONCRETE- PILE
Q1850-02	CONCRETE-PILE-N-C-LOT	4	1.00	1.00	2.00	2.00	100.0	CONCRETE- PILE
Q1851-01	DP5	5	1.14	9.88	11.02	10.7	96.8	
Q1851-02	DP6	6	1.14	9.88	11.02	10.72	97.0	
Q1851-03	DP7	7	1.15	9.82	10.97	10.82	98.5	
Q1851-04	DP8	8	1.13	10.84	11.97	11.14	92.3	
Q1851-05	GP5	9	1.14	10.60	11.74	11.47	97.5	
Q1851-06	GP6	10	1.13	11.10	12.23	11.00	88.9	
Q1851-07	GP7	11	1.18	10.44	11.62	10.91	93.2	

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

WORKLIST(Hardcopy Internal Chain)

VB 135506

WorkList Name : %1-042125 **WorkList ID :** 189042 **Department :** Wet-Chemistry **Date :** 04-21-2025 08:36:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1837-15	FLORISIL CHECK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1845-01	GAS-PIPE-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1846-01	JEI294J-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1846-02	JEI294J-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1847-01	MOO-25-0121	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1847-02	MOO-25-0122	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1847-03	PAD-24125	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1848-01	RBR200027	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-02	RBR200027-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-03	ETGI-275	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-04	ETGI-275-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-05	ETGI-342	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-06	ETGI-342-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1850-01	CONCRETE-PILE-N-C-LOT	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1850-02	CONCRETE-PILE-N-C-LOT	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1851-01	DP5	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-02	DP6	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-03	DP7	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-04	DP8	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-05	GP5	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-06	GP6	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO

Date/Time 04/21/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 04/21/25 17:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

MB1355506

WorkList Name : %1-042125 **WorkList ID :** 189042 **Department :** Wet-Chemistry **Date :** 04-21-2025 08:36:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1851-07	GP7	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO

Date/Time 04/21/25 15:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Date/Time 04/21/25 17:10
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q1837

COC Number:

CLIENT INFORMATION

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

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX:_____10_____ DAYS*
HARD COPY:_____10_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ❑ RESULTS ONLY (L1)
- ❑ RESULTS + QC (L2)
- ❑ NJ REDUCED (L3)
- ❑ NJ FULL (L4)
- ❑ US EPA CLP (L4)
- ❑ NYS ASP "A" (L2)
- ❑ NYS ASP "B" (L4)
- ❑ Other_____
- ❑ EDD Format_____

ANALYSIS

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

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	A/E								
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X								
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X								
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X								
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X								
5.	SVOC-GPC-BLANK	SO		X			1		X							
6.	PEST-GPC-BLANK	SO		X			1			X						
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X						
8.	PCB-GPC-BLANK	SO		X			1				X					
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X					
10.	SVOC-GPC2-BLANK	SO		X			1		X							

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. JC	4/18/25	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

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

Alliance TECHNICAL GROUP

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

Alliance Project Number: Q1837

COC Number:

CLIENT INFORMATION

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

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX:_____10_____ DAYS*
HARD COPY:_____10_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	A/E 1	2	3	4	5	6	7	8	9	COMMENTS
1.	PEST-GPC2-BLANK	SO		X			1			X							
2.	PEST-GPC2-BLANK-SPIKE	SO		X			1			X							
3.	PCB-GPC2-BLANK	SO		X			1				X						
4.	PCB-GPC2-BLANK-SPIKE	SO		X			1				X						
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES

COMMENTS

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	4/18/25	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

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

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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 : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148