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:	Q1793	**OrderDate:**	4/11/2025 1:28:00 PM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	K11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1793-01	**Storage-Blank-SOIL-REF-6**	**Water**			**04/11/25**			**04/11/25**
			VOC- Chemtech Full	8260-Low			04/16/25	
Q1793-02	**Storage-Blank-WATER-REF-5**	**Water**			**04/11/25**			**04/11/25**
			VOC- Chemtech Full	8260-Low			04/16/25	
Q1793-03	**Storage-Blank-WATER-REF-4**	**Water**			**04/11/25**			**04/11/25**
			VOC- Chemtech Full	8260-Low			04/16/25	
Q1793-04	**Storage-Blank-SAMPLE-MANAGEMENT**	**Water**			**04/11/25**			**04/11/25**
			VOC- Chemtech Full	8260-Low			04/16/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1793

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.: Q1793

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1793-01	Storage-Blank-SOIL-REF-6	1,2-Dichloroethane-d4	50	50.4	101	74	125
		Dibromofluoromethane	50	55.4	111	75	124
		Toluene-d8	50	50.8	102	86	113
		4-Bromofluorobenzene	50	50.8	102	77	121
Q1793-02	Storage-Blank-WATER-REF-5	1,2-Dichloroethane-d4	50	50.6	101	74	125
		Dibromofluoromethane	50	55.9	112	75	124
		Toluene-d8	50	50.3	101	86	113
		4-Bromofluorobenzene	50	48.9	98	77	121
Q1793-03	Storage-Blank-WATER-REF-4	1,2-Dichloroethane-d4	50	49.7	99	74	125
		Dibromofluoromethane	50	55.7	111	75	124
		Toluene-d8	50	51.5	103	86	113
		4-Bromofluorobenzene	50	51.2	102	77	121
Q1793-04	Storage-Blank-SAMPLE-MANAGEME	1,2-Dichloroethane-d4	50	50.2	100	74	125
		Dibromofluoromethane	50	55.4	111	75	124
		Toluene-d8	50	51.5	103	86	113
		4-Bromofluorobenzene	50	50.9	102	77	121
VN0416WBL01	VN0416WBL01	1,2-Dichloroethane-d4	50	49.2	98	74	125
		Dibromofluoromethane	50	55.0	110	75	124
		Toluene-d8	50	50.6	101	86	113
		4-Bromofluorobenzene	50	49.9	100	77	121
VN0416WBS01	VN0416WBS01	1,2-Dichloroethane-d4	50	50.6	101	74	125
		Dibromofluoromethane	50	50.4	101	75	124
		Toluene-d8	50	50.8	102	86	113
		4-Bromofluorobenzene	50	49.8	100	77	121
VN0416WBSD0	VN0416WBSD01	1,2-Dichloroethane-d4	50	53.5	107	74	125
		Dibromofluoromethane	50	55.7	111	75	124
		Toluene-d8	50	54.6	109	86	113
		4-Bromofluorobenzene	50	53.6	107	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1793

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VN086289.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0416WBS01	Dichlorodifluoromethane	20	18.8	ug/L	94			69	116	
	Chloromethane	20	17.2	ug/L	86			65	116	
	Vinyl chloride	20	17.8	ug/L	89			65	117	
	Ethyl Acetate	20	17.7	ug/L	89			75	115	
	Bromomethane	20	19.7	ug/L	99			58	125	
	Chloroethane	20	17.3	ug/L	86			56	128	
	Trichlorofluoromethane	20	17.9	ug/L	90			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.2	ug/L	91			80	112	
	Tert butyl alcohol	100	93.1	ug/L	93			73	124	
	1,1-Dichloroethene	20	17.1	ug/L	86			74	110	
	Acrolein	100	86.8	ug/L	87			51	143	
	Acrylonitrile	100	91.5	ug/L	92			73	113	
	Acetone	100	100	ug/L	100			60	125	
	Carbon disulfide	20	16.8	ug/L	84			64	112	
	Methyl tert-butyl Ether	20	17.5	ug/L	88			78	114	
	Methyl Acetate	20	17.3	ug/L	86			67	125	
	Methylene Chloride	20	17.1	ug/L	86			72	114	
	trans-1,2-Dichloroethene	20	17.4	ug/L	87			75	108	
	Vinyl Acetate	100	88.9	ug/L	89			76	115	
	1,1-Dichloroethane	20	17.7	ug/L	89			78	112	
	Cyclohexane	20	17.5	ug/L	88			75	110	
	2-Butanone	100	93.4	ug/L	93			65	122	
	Carbon Tetrachloride	20	17.9	ug/L	90			77	113	
	2,2-Dichloropropane	20	18.3	ug/L	92			75	116	
	cis-1,2-Dichloroethene	20	17.5	ug/L	88			77	110	
	Bromochloromethane	20	25.4	ug/L	127		*	70	124	
	Chloroform	20	17.5	ug/L	88			79	113	
	1,1,1-Trichloroethane	20	17.9	ug/L	90			80	108	
	Methylcyclohexane	20	18.1	ug/L	91			72	115	
	1,1-Dichloropropene	20	18.1	ug/L	91			79	110	
	Benzene	20	17.9	ug/L	90			82	109	
	1,2-Dichloroethane	20	17.7	ug/L	89			80	115	
	Trichloroethene	20	18.2	ug/L	91			77	113	
	1,2-Dichloropropane	20	17.8	ug/L	89			83	111	
	Dibromomethane	20	18.3	ug/L	92			82	110	
	Bromodichloromethane	20	18.1	ug/L	91			83	110	
	4-Methyl-2-Pentanone	100	89.9	ug/L	90			74	118	
	Toluene	20	18.0	ug/L	90			82	110	
	t-1,3-Dichloropropene	20	18.2	ug/L	91			79	110	
	cis-1,3-Dichloropropene	20	17.7	ug/L	89			82	110	
	1,1,2-Trichloroethane	20	17.9	ug/L	90			83	112	
	1,3-Dichloropropane	20	17.9	ug/L	90			83	111	
	2-Chloroethyl vinyl ether	100	74.2	ug/L	74		*	75	124	
	2-Hexanone	100	92.6	ug/L	93			73	117	
	Dibromochloromethane	20	18.0	ug/L	90			82	110	
	1,2-Dibromoethane	20	18.1	ug/L	91			81	110	
	Tetrachloroethene	20	18.6	ug/L	93			67	123	
	Chlorobenzene	20	17.9	ug/L	90			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1793

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VN086289.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0416WBS01	1,1,1,2-Tetrachloroethane	20	17.9	ug/L	90			84	111	
	Hexachloroethane	20	17.8	ug/L	89			80	113	
	Ethyl Benzene	20	18.0	ug/L	90			83	109	
	m/p-Xylenes	40	36.3	ug/L	91			82	110	
	o-Xylene	20	18.0	ug/L	90			83	109	
	Styrene	20	18.1	ug/L	91			80	111	
	Bromoform	20	18.1	ug/L	91			79	109	
	Isopropylbenzene	20	17.8	ug/L	89			83	112	
	1,1,2,2-Tetrachloroethane	20	17.1	ug/L	86			76	118	
	1,2,3-Trichloropropane	20	17.1	ug/L	86			75	112	
	Bromobenzene	20	17.9	ug/L	90			77	116	
	N-propylbenzene	20	18.0	ug/L	90			83	112	
	2-Chlorotoluene	20	17.8	ug/L	89			83	110	
	1,3,5-Trimethylbenzene	20	18.0	ug/L	90			85	112	
	4-Chlorotoluene	20	17.8	ug/L	89			82	110	
	tert-Butylbenzene	20	18.2	ug/L	91			83	112	
	1,2,4-Trimethylbenzene	20	17.9	ug/L	90			85	111	
	Sec-butylbenzene	20	18.2	ug/L	91			81	114	
	p-Isopropyltoluene	20	18.2	ug/L	91			78	116	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	17.9	ug/L	90			82	107	
	n-Butylbenzene	20	18.6	ug/L	93			75	115	
	1,2-Dichlorobenzene	20	17.9	ug/L	90			82	109	
	1,2-Dibromo-3-Chloropropane	20	18.7	ug/L	94			68	112	
	1,2,4-Trichlorobenzene	20	19.4	ug/L	97			75	113	
	Hexachlorobutadiene	20	19.6	ug/L	98			81	121	
	Naphthalene	20	19.0	ug/L	95			78	119	
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1793

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VN086292.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0416WBSD01	Dichlorodifluoromethane	20	20.7	ug/L	104	10		69	116	20
	Chloromethane	20	19.2	ug/L	96	11		65	116	20
	Vinyl chloride	20	19.6	ug/L	98	10		65	117	20
	Ethyl Acetate	20	19.7	ug/L	99	11		75	115	20
	Bromomethane	20	21.7	ug/L	109	10		58	125	20
	Chloroethane	20	18.9	ug/L	95	10		56	128	20
	Trichlorofluoromethane	20	19.9	ug/L	100	11		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99	8		80	112	20
	Tert butyl alcohol	100	100	ug/L	100	7		73	124	20
	1,1-Dichloroethene	20	19.3	ug/L	97	12		74	110	20
	Acrolein	100	130	ug/L	130	40	*	51	143	20
	Acrylonitrile	100	99.1	ug/L	99	7		73	113	20
	Acetone	100	110	ug/L	110	10		60	125	20
	Carbon disulfide	20	18.3	ug/L	92	9		64	112	20
	Methyl tert-butyl Ether	20	19.2	ug/L	96	9		78	114	20
	Methyl Acetate	20	18.3	ug/L	92	7		67	125	20
	Methylene Chloride	20	19.5	ug/L	98	13		72	114	20
	trans-1,2-Dichloroethene	20	19.4	ug/L	97	11		75	108	20
	Vinyl Acetate	100	95.7	ug/L	96	8		76	115	20
	1,1-Dichloroethane	20	19.2	ug/L	96	8		78	112	20
	Cyclohexane	20	19.2	ug/L	96	9		75	110	20
	2-Butanone	100	98.0	ug/L	98	5		65	122	20
	Carbon Tetrachloride	20	19.9	ug/L	100	11		77	113	20
	2,2-Dichloropropane	20	19.6	ug/L	98	6		75	116	20
	cis-1,2-Dichloroethene	20	19.2	ug/L	96	9		77	110	20
	Bromochloromethane	20	22.3	ug/L	112	13		70	124	20
	Chloroform	20	19.3	ug/L	97	10		79	113	20
	1,1,1-Trichloroethane	20	19.5	ug/L	98	9		80	108	20
	Methylcyclohexane	20	19.7	ug/L	99	8		72	115	20
	1,1-Dichloropropene	20	19.8	ug/L	99	8		79	110	20
	Benzene	20	19.8	ug/L	99	10		82	109	20
	1,2-Dichloroethane	20	19.9	ug/L	100	12		80	115	20
	Trichloroethene	20	20.0	ug/L	100	9		77	113	20
	1,2-Dichloropropane	20	19.6	ug/L	98	10		83	111	20
	Dibromomethane	20	20.3	ug/L	102	10		82	110	20
	Bromodichloromethane	20	19.8	ug/L	99	8		83	110	20
	4-Methyl-2-Pentanone	100	100	ug/L	100	11		74	118	20
	Toluene	20	19.8	ug/L	99	10		82	110	20
	t-1,3-Dichloropropene	20	19.9	ug/L	100	9		79	110	20
	cis-1,3-Dichloropropene	20	19.6	ug/L	98	10		82	110	20
	1,1,2-Trichloroethane	20	19.7	ug/L	99	10		83	112	20
	1,3-Dichloropropane	20	19.8	ug/L	99	10		83	111	20
	2-Chloroethyl vinyl ether	100	100	ug/L	100	30	*	75	124	20
	2-Hexanone	100	99.8	ug/L	100	7		73	117	20
	Dibromochloromethane	20	20.1	ug/L	101	12		82	110	20
	1,2-Dibromoethane	20	20.2	ug/L	101	10		81	110	20
	Tetrachloroethene	20	20.6	ug/L	103	10		67	123	20
	Chlorobenzene	20	19.7	ug/L	99	10		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1793

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VN086292.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0416WBSD01	1,1,1,2-Tetrachloroethane	20	19.3	ug/L	97	7		84	111	20
	Hexachloroethane	20	19.5	ug/L	98	10		80	113	20
	Ethyl Benzene	20	19.9	ug/L	100	11		83	109	20
	m/p-Xylenes	40	39.8	ug/L	100	9		82	110	20
	o-Xylene	20	19.9	ug/L	100	11		83	109	20
	Styrene	20	20.0	ug/L	100	9		80	111	20
	Bromoform	20	20.3	ug/L	102	11		79	109	20
	Isopropylbenzene	20	20.0	ug/L	100	12		83	112	20
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99	14		76	118	20
	1,2,3-Trichloropropane	20	19.2	ug/L	96	11		75	112	20
	Bromobenzene	20	20.4	ug/L	102	13		77	116	20
	N-propylbenzene	20	20.0	ug/L	100	11		83	112	20
	2-Chlorotoluene	20	20.0	ug/L	100	12		83	110	20
	1,3,5-Trimethylbenzene	20	20.0	ug/L	100	11		85	112	20
	4-Chlorotoluene	20	20.2	ug/L	101	13		82	110	20
	tert-Butylbenzene	20	19.7	ug/L	99	8		83	112	20
	1,2,4-Trimethylbenzene	20	20.0	ug/L	100	11		85	111	20
	Sec-butylbenzene	20	20.1	ug/L	101	10		81	114	20
	p-Isopropyltoluene	20	20.0	ug/L	100	9		78	116	20
	1,3-Dichlorobenzene	20	20.1	ug/L	101	12		82	108	20
	1,4-Dichlorobenzene	20	19.9	ug/L	100	11		82	107	20
	n-Butylbenzene	20	19.7	ug/L	99	6		75	115	20
	1,2-Dichlorobenzene	20	20.5	ug/L	103	13		82	109	20
	1,2-Dibromo-3-Chloropropane	20	20.7	ug/L	104	10		68	112	20
	1,2,4-Trichlorobenzene	20	20.1	ug/L	101	4		75	113	20
	Hexachlorobutadiene	20	20.7	ug/L	104	6		81	121	20
	Naphthalene	20	19.9	ug/L	100	5		78	119	20
	1,2,3-Trichlorobenzene	20	19.8	ug/L	99	4		76	114	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0416WBL01

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1793 SAS No.: Q1793 SDG NO.: Q1793

Lab File ID: VN086288.D Lab Sample ID: VN0416WBL01

Date Analyzed: 04/16/2025 Time Analyzed: 10:12

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

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0416WBS01	VN0416WBS01	VN086289.D	04/16/2025
VN0416WBSD01	VN0416WBSD01	VN086292.D	04/16/2025
Storage-Blank-WATER-REF-5	Q1793-02	VN086296.D	04/16/2025
Storage-Blank-WATER-REF-4	Q1793-03	VN086297.D	04/16/2025
Storage-Blank-SAMPLE-MANAGEMENT	Q1793-04	VN086298.D	04/16/2025
Storage-Blank-SOIL-REF-6	Q1793-01	VN086299.D	04/16/2025

COMMENTS:

Raw Data: **VN086276.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1793 SAS No.: Q1793 SDG NO.: Q1793

Lab File ID: VN086276.D BFB Injection Date: 04/15/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:47

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	50.8
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	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	67.6
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	64.6 (95.5) 1
177	5.0 - 9.0% of mass 176	4.4 (6.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086277.D	04/15/2025	11:29
VSTDICC005	VSTDICC005	VN086278.D	04/15/2025	12:21
VSTDICC010	VSTDICC010	VN086279.D	04/15/2025	12:45
VSTDICC020	VSTDICC020	VN086280.D	04/15/2025	13:09
VSTDICCC050	VSTDICCC050	VN086281.D	04/15/2025	13:51
VSTDICC100	VSTDICC100	VN086282.D	04/15/2025	14:29

Raw Data: **VN086285.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1793 SAS No.: Q1793 SDG NO.: Q1793

Lab File ID: VN086285.D BFB Injection Date: 04/16/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:38

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.5
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	69.1
175	5.0 - 9.0% of mass 174	5.1 (7.4) 1
176	95.0 - 101.0% of mass 174	67.2 (97.3) 1
177	5.0 - 9.0% of mass 176	4.2 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086286.D	04/16/2025	09:14
VN0416WBL01	VN0416WBL01	VN086288.D	04/16/2025	10:12
VN0416WBS01	VN0416WBS01	VN086289.D	04/16/2025	11:52
VN0416WBSD01	VN0416WBSD01	VN086292.D	04/16/2025	13:14
Storage-Blank-WATER-REF-5	Q1793-02	VN086296.D	04/16/2025	14:50
Storage-Blank-WATER-REF-4	Q1793-03	VN086297.D	04/16/2025	15:14
Storage-Blank-SAMPLE-MANAGEMENT	Q1793-04	VN086298.D	04/16/2025	15:39
Storage-Blank-SOIL-REF-6	Q1793-01	VN086299.D	04/16/2025	16:03

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.: Q1793 SAS No.: Q1793 SDG NO.: Q1793

Lab File ID: VN086286.D Date Analyzed: 04/16/2025

Instrument ID: MSVOA_N Time Analyzed: 09:14

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	235673	8.22	430893	9.09	383563	11.87
UPPER LIMIT	471346	8.724	861786	9.594	767126	12.365
LOWER LIMIT	117837	7.724	215447	8.594	191782	11.365
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	186387	8.22	365839	9.10	339739	11.87
Storage-Blank-WATER-REF-5	173580	8.22	337909	9.10	309496	11.87
Storage-Blank-WATER-REF-4	195076	8.22	372552	9.10	352194	11.87
Storage-Blank-SAMPLE-MANAGEMEN	182220	8.22	350929	9.10	327097	11.87
VN0416WBL01	215943	8.22	412690	9.10	374988	11.87
VN0416WBS01	282564	8.22	522491	9.09	460155	11.87
VN0416WBSD01	223172	8.22	407332	9.10	359125	11.87

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.: Q1793 SAS No.: Q1793 SDG NO.: Q1793

Lab File ID: VN086286.D Date Analyzed: 04/16/2025

Instrument ID: MSVOA_N Time Analyzed: 09:14

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

	IS4 AREA #	RT #				
12 HOUR STD	177295	13.788				
UPPER LIMIT	354590	14.288				
LOWER LIMIT	88647.5	13.288				
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	148157	13.79				
Storage-Blank-WATER-REF-5	126085	13.79				
Storage-Blank-WATER-REF-4	150714	13.79				
Storage-Blank-SAMPLE-MANAGEME	136544	13.79				
VN0416WBL01	162383	13.79				
VN0416WBS01	208645	13.79				
VN0416WBSD01	160957	13.79				

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

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:	04/11/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1793
Lab Sample ID:	Q1793-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086299.D	1		04/16/25 16:03	VN041625

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

Raw Data: **VN086299.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/11/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1793
Lab Sample ID:	Q1793-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086299.D	1		04/16/25 16:03	VN041625

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	UQ	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: **VN086299.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:	04/11/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1793
Lab Sample ID:	Q1793-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086299.D	1		04/16/25 16:03	VN041625

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	50.4		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	50.8		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	186000	8.218			
540-36-3	1,4-Difluorobenzene	366000	9.1			
3114-55-4	Chlorobenzene-d5	340000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.788			

Raw Data: **VN086299.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:	04/11/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1793
Lab Sample ID:	Q1793-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086299.D	1		04/16/25 16:03	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086299.D
Acq On : 16 Apr 2025 16:03
Operator : JC\MD
Sample : Q1793-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Apr 17 03:07:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	186387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136113	50.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.720%			
35) Dibromofluoromethane	8.165	113	94036	55.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.760%			
50) Toluene-d8	10.565	98	460983	50.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.847	95	168047	50.772	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.540%			

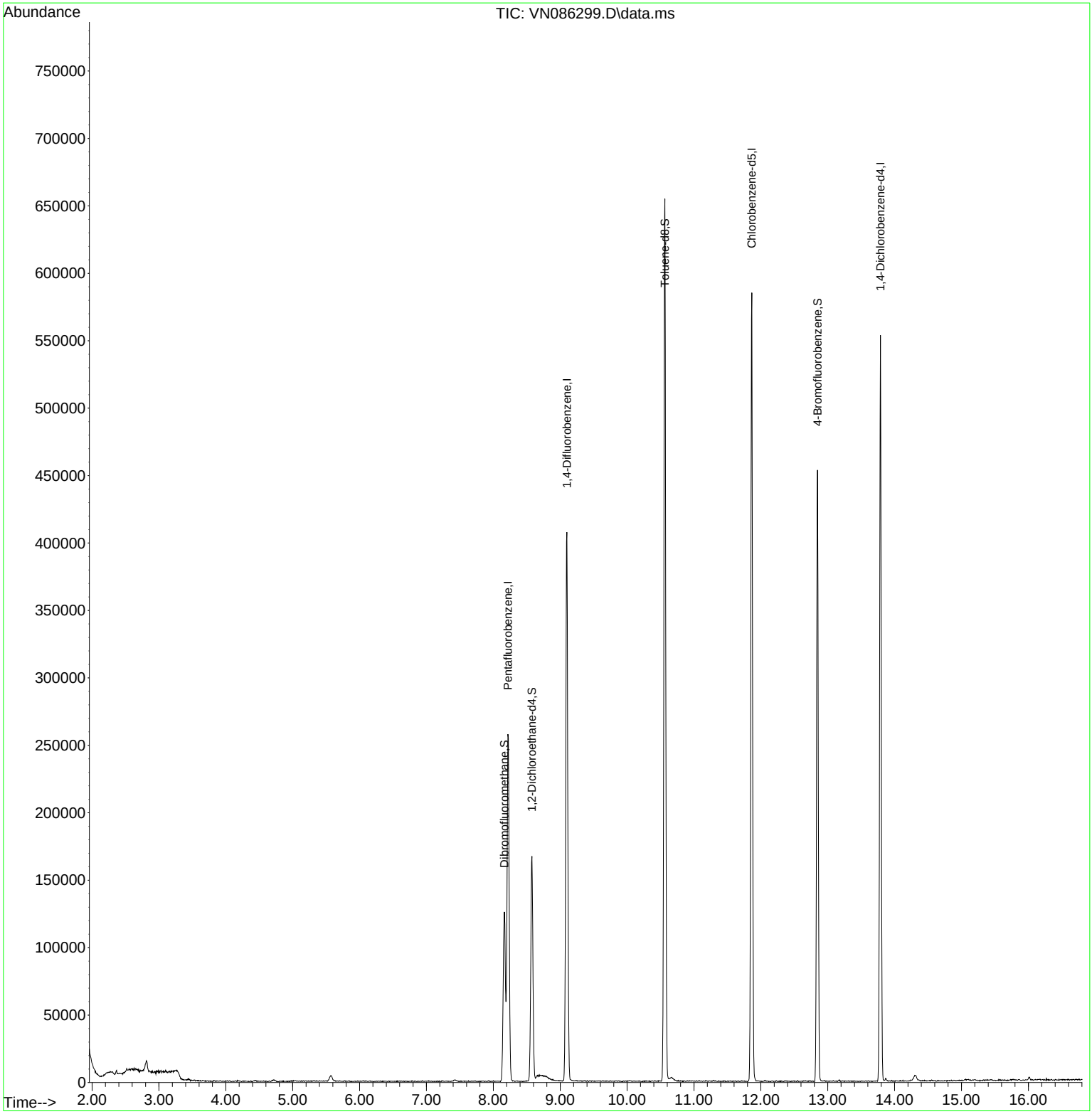
Target Compounds Qvalue

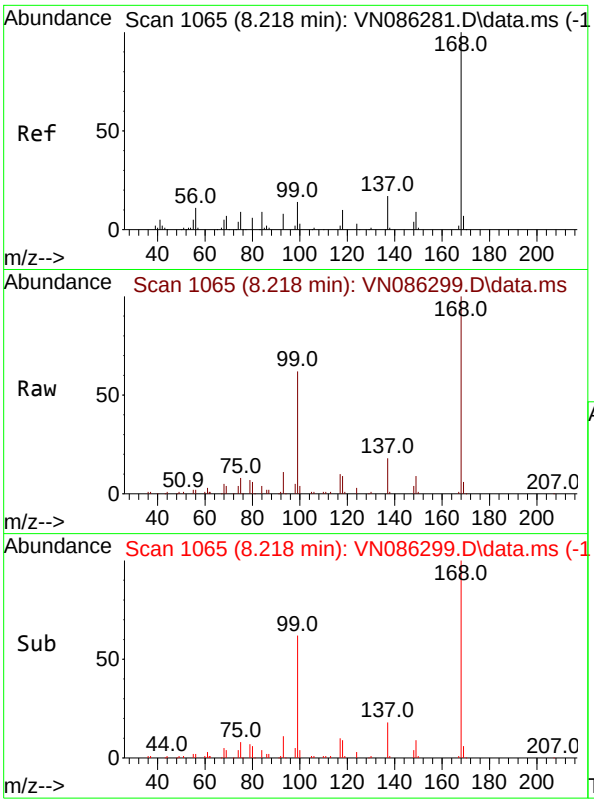
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086299.D
Acq On : 16 Apr 2025 16:03
Operator : JC\MD
Sample : Q1793-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Apr 17 03:07:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



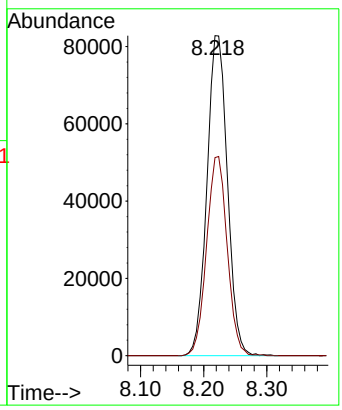


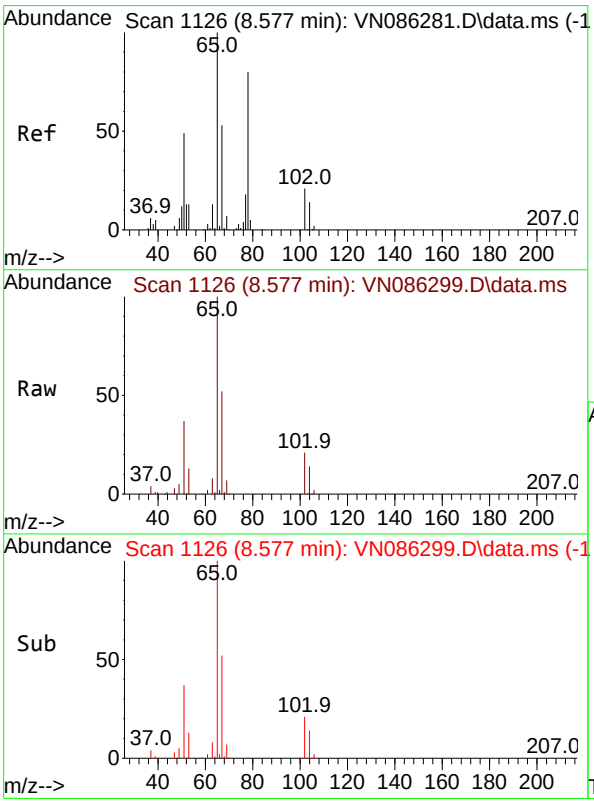
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 186387

Ion	Ratio	Lower	Upper
168	100		
99	61.9	52.5	78.7

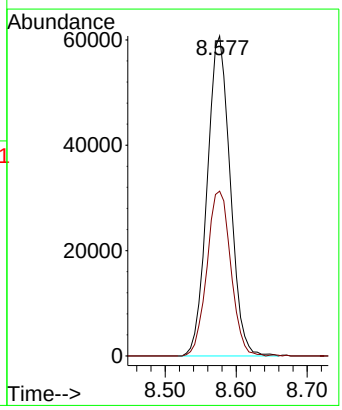


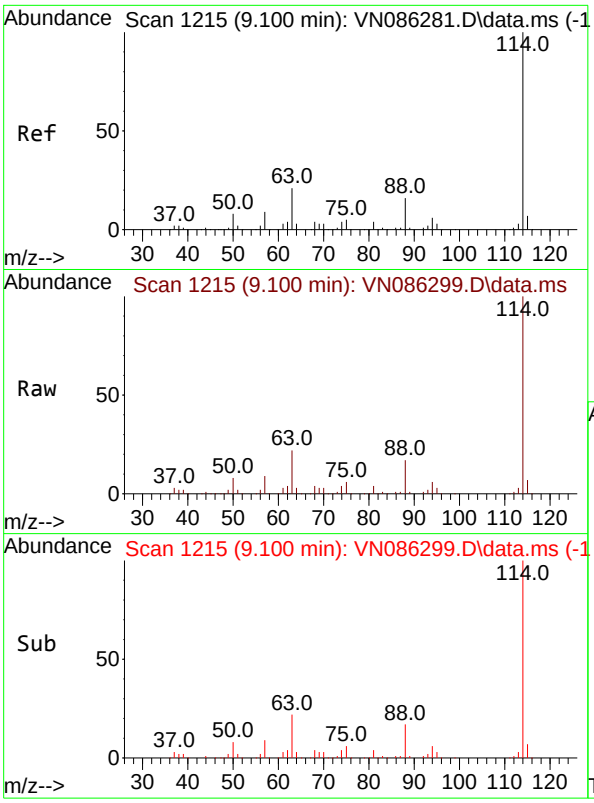


#33
1,2-Dichloroethane-d4
Concen: 50.360 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Tgt Ion: 65 Resp: 136113

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.0



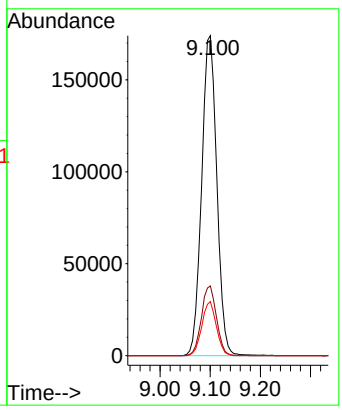


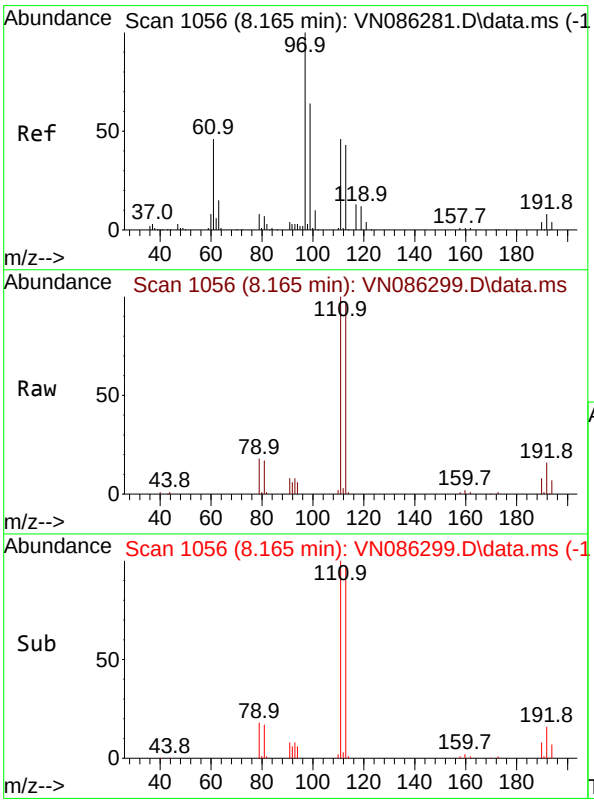
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:114 Resp: 365839

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.6
88	16.9	0.0	31.8

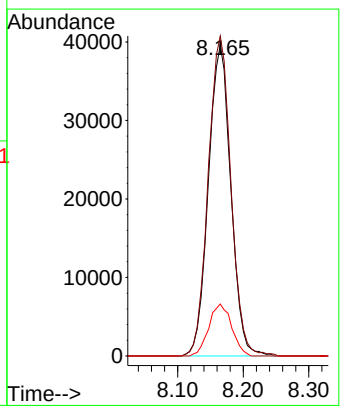


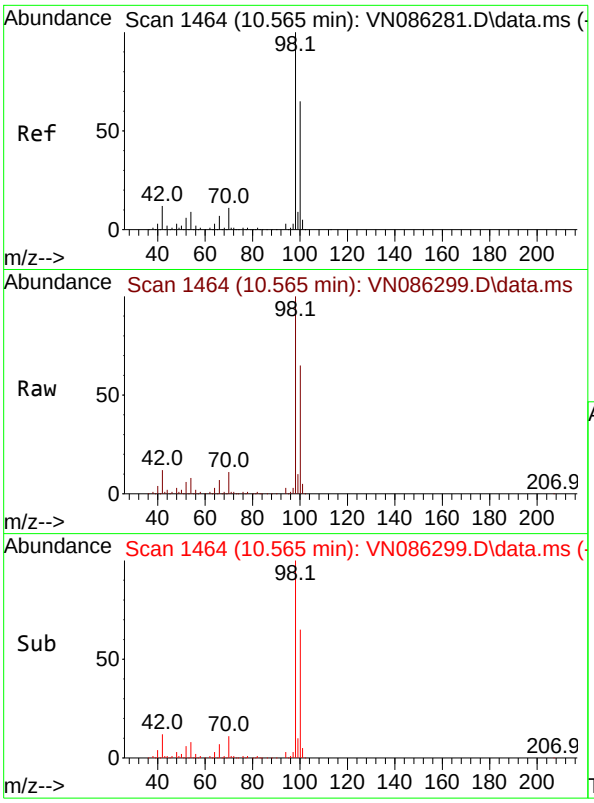


#35
Dibromofluoromethane
Concen: 55.383 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Tgt Ion:113 Resp: 94036

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.0
192	17.0	13.7	20.5



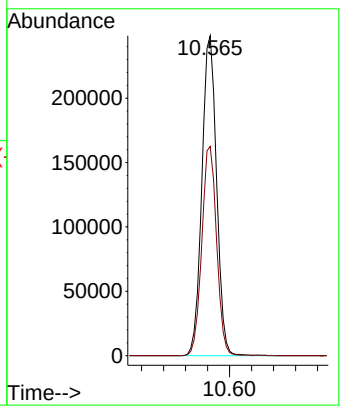


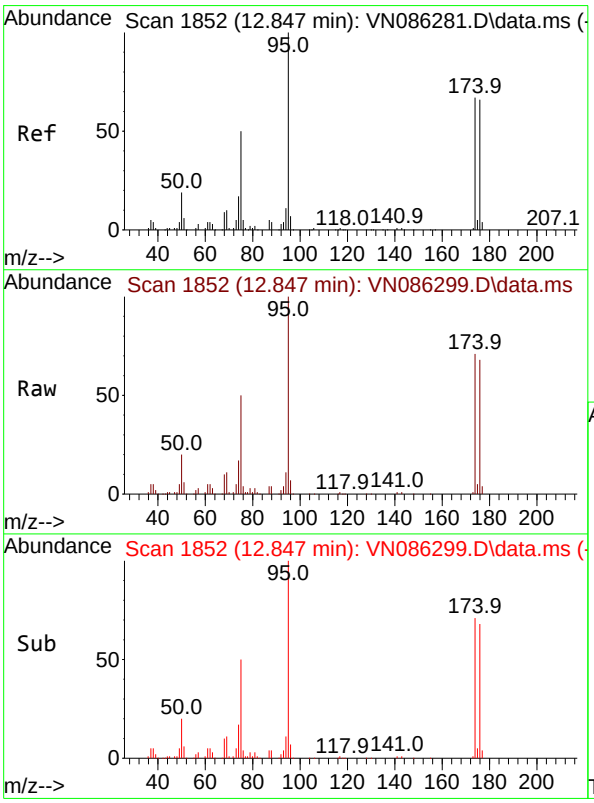
#50
Toluene-d8
Concen: 50.800 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 460983

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7

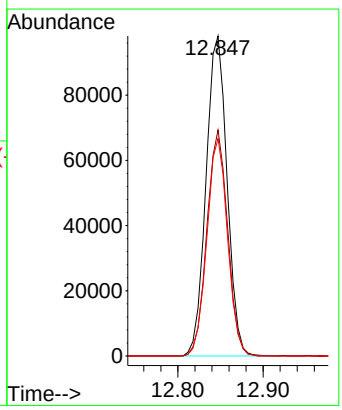


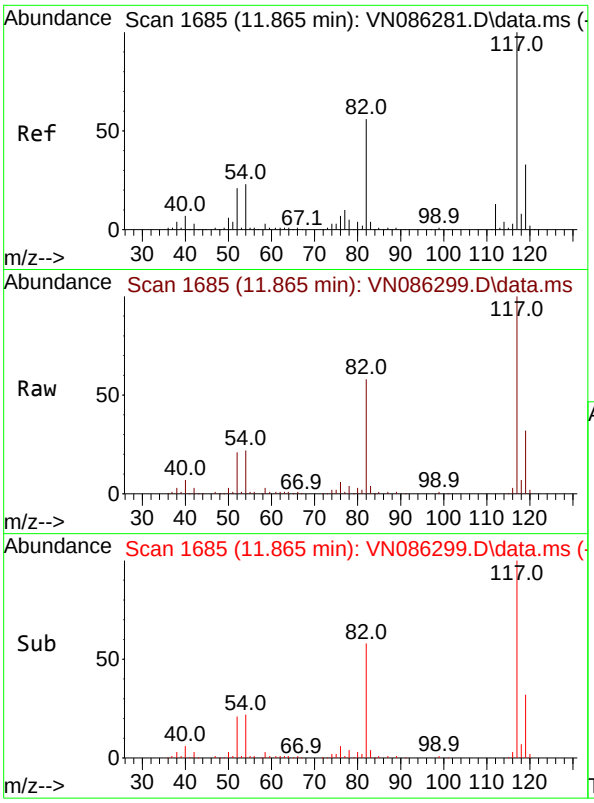


#62
4-Bromofluorobenzene
Concen: 50.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Tgt Ion: 95 Resp: 168047

Ion	Ratio	Lower	Upper
95	100		
174	69.6	0.0	133.4
176	66.8	0.0	129.2



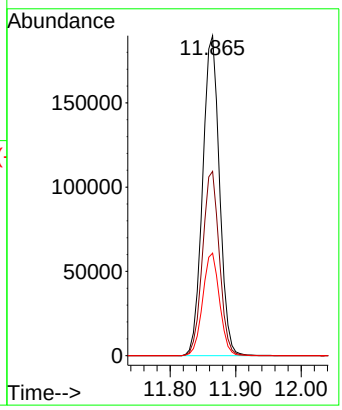


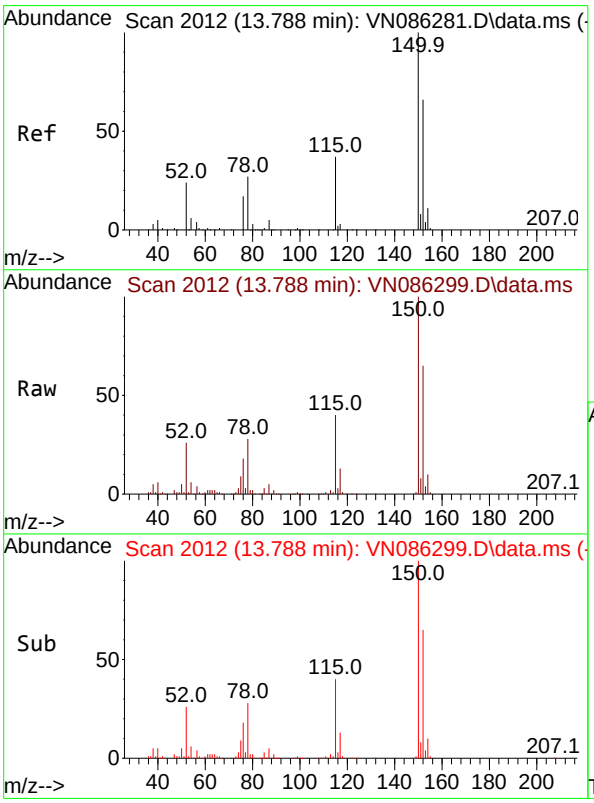
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 339739

Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.7	67.1
119	32.0	26.4	39.6

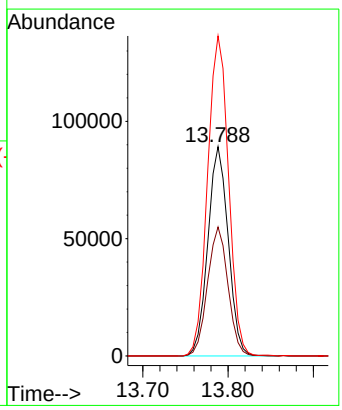




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086299.D
Acq: 16 Apr 2025 16:03

Tgt Ion:152 Resp: 148157

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.9	95.9
150	157.5	0.0	352.0



Raw Data: **VN086296.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1793
Lab Sample ID:	Q1793-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086296.D	1		04/16/25 14:50	VN041625

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

Raw Data: **VN086296.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1793
Lab Sample ID:	Q1793-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086296.D	1		04/16/25 14:50	VN041625

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	UQ	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: **VN086296.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1793
Lab Sample ID:	Q1793-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086296.D	1		04/16/25 14:50	VN041625

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	50.6		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	55.9		75 - 124	112%	SPK: 50
2037-26-5	Toluene-d8	50.3		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	8.224			
540-36-3	1,4-Difluorobenzene	338000	9.1			
3114-55-4	Chlorobenzene-d5	309000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	126000	13.788			

Raw Data: **VN086296.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1793
Lab Sample ID:	Q1793-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086296.D	1		04/16/25 14:50	VN041625

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: **VN086296.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086296.D
Acq On : 16 Apr 2025 14:50
Operator : JC\MD
Sample : Q1793-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Apr 17 03:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	173580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	127302	50.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.160%			
35) Dibromofluoromethane	8.165	113	87710	55.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.860%			
50) Toluene-d8	10.565	98	421196	50.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	149533	48.913	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.820%			

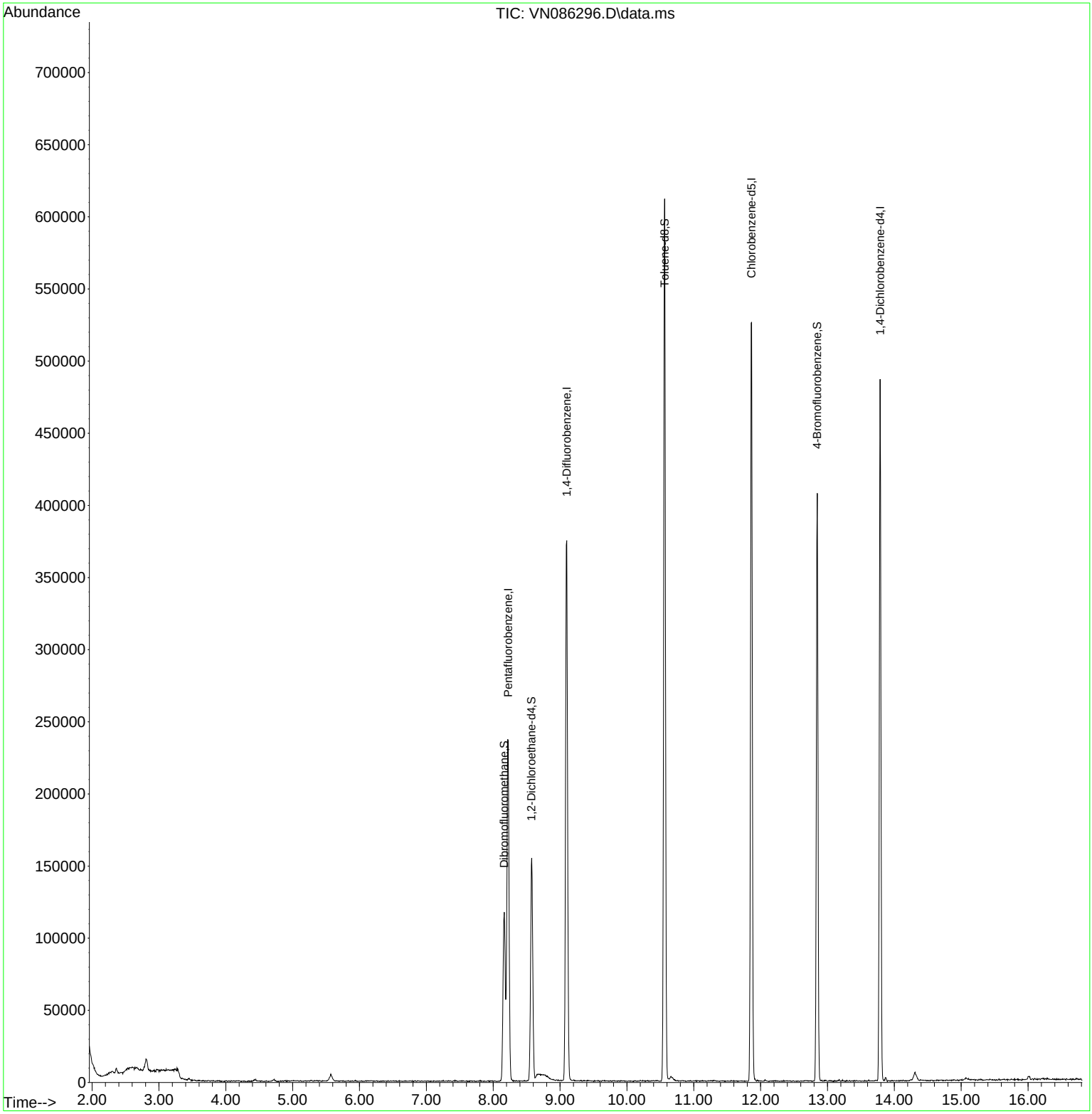
Target Compounds Qvalue

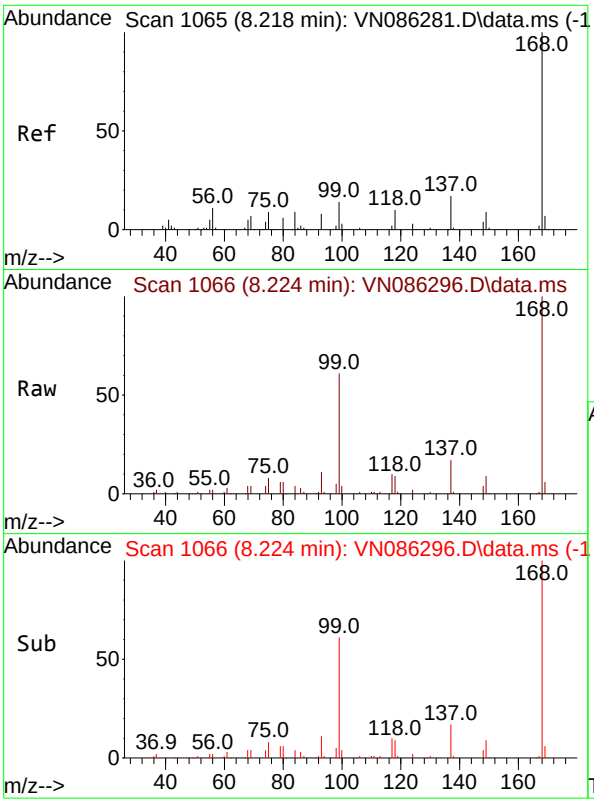
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086296.D
Acq On : 16 Apr 2025 14:50
Operator : JC\MD
Sample : Q1793-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Apr 17 03:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



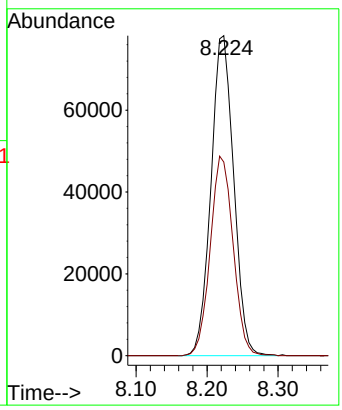


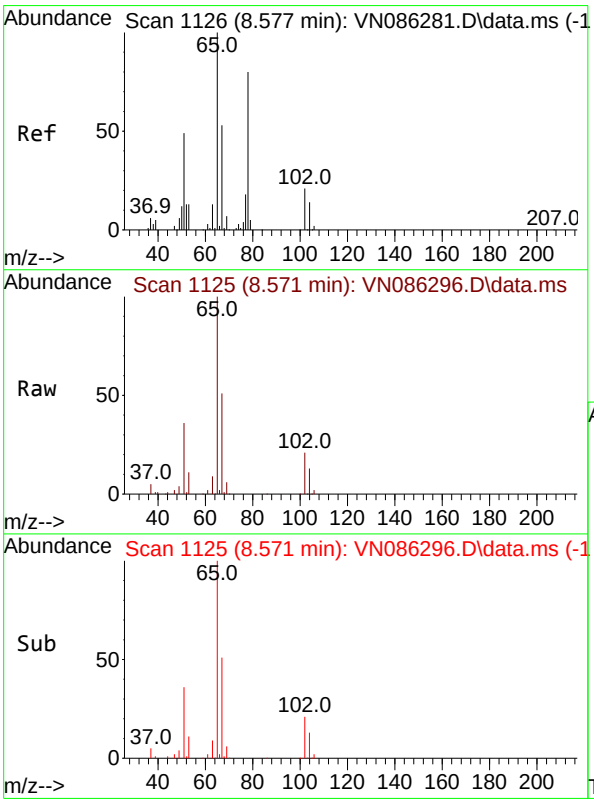
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 173580

Ion	Ratio	Lower	Upper
168	100		
99	60.5	52.5	78.7

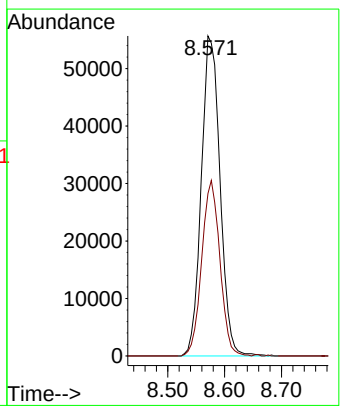


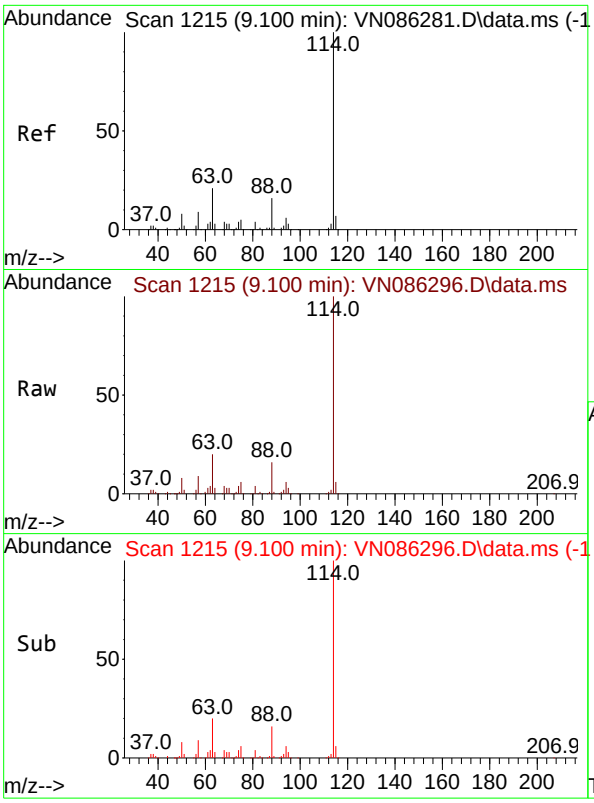


#33
1,2-Dichloroethane-d4
Concen: 50.576 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 65 Resp: 127302

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.0



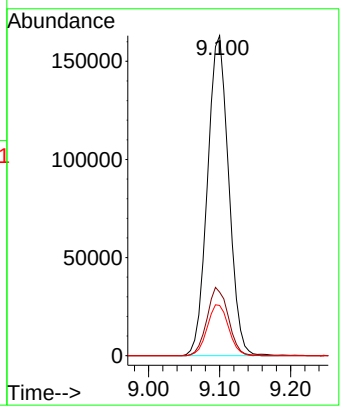


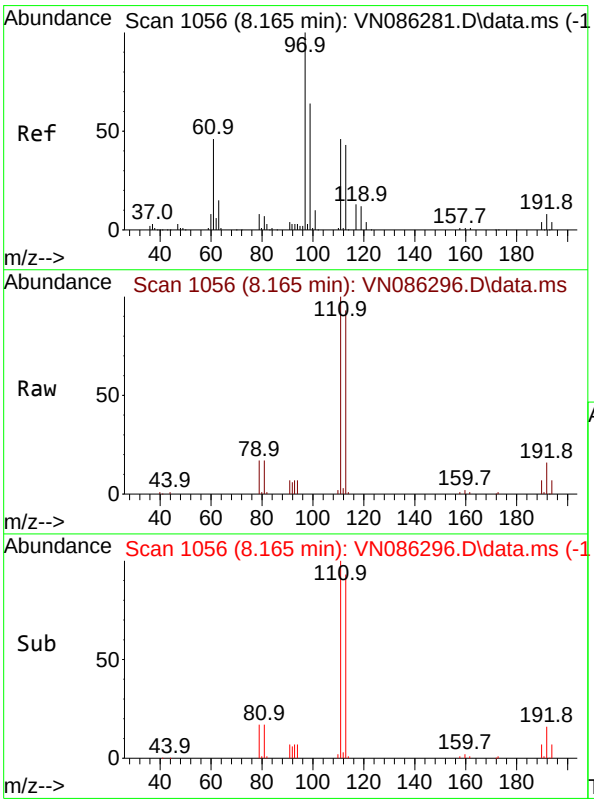
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:114 Resp: 337909

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.6
88	15.7	0.0	31.8

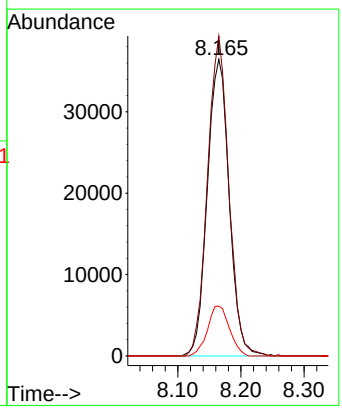


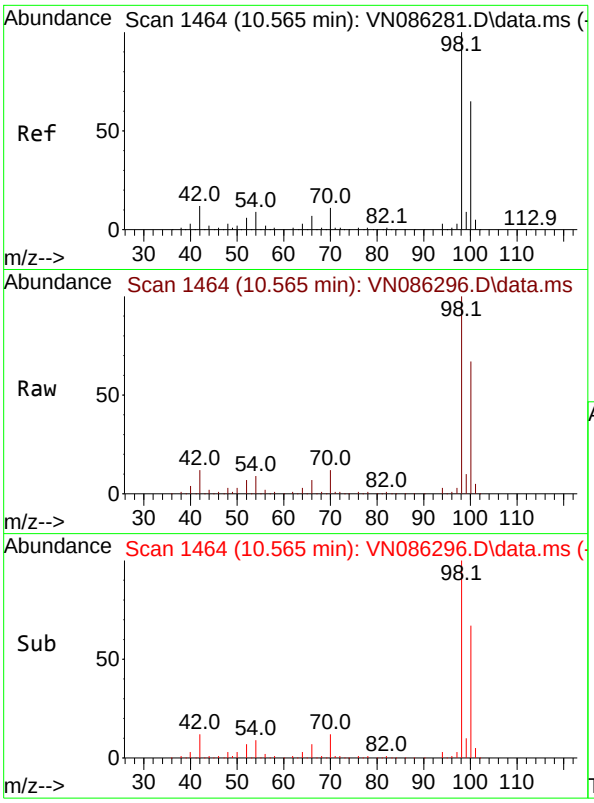


#35
Dibromofluoromethane
Concen: 55.928 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion:113 Resp: 87710

Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.4	125.0
192	16.9	13.7	20.5



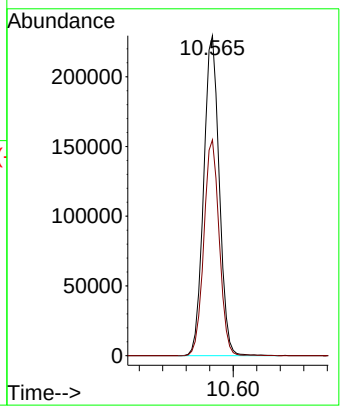


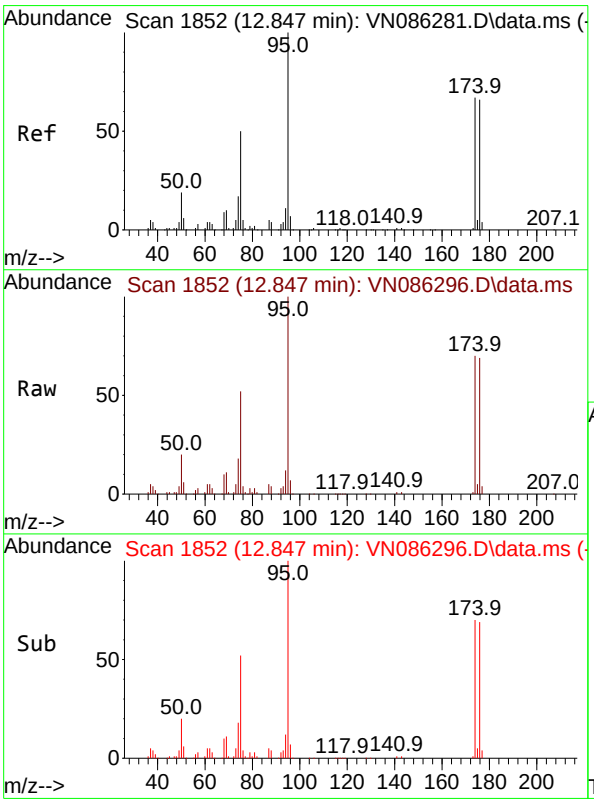
#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion: 98 Resp: 421196

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.5	78.7

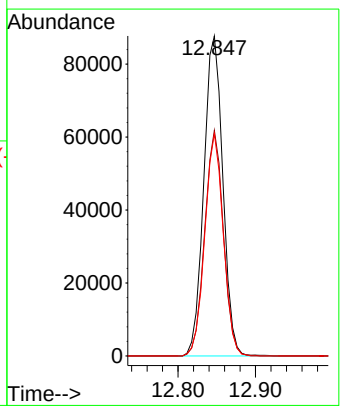


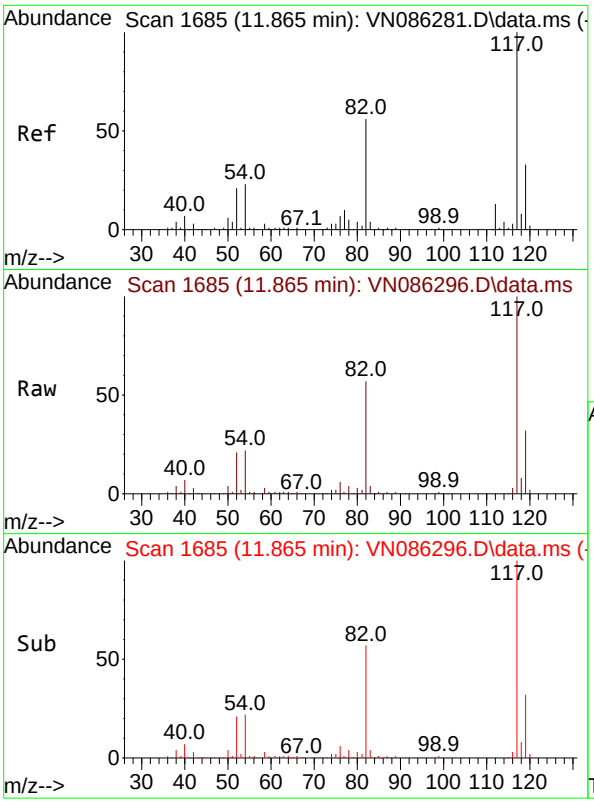


#62
4-Bromofluorobenzene
Concen: 48.913 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 95 Resp: 149533

Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	133.4
176	67.6	0.0	129.2



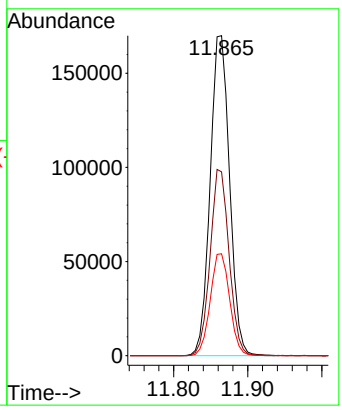


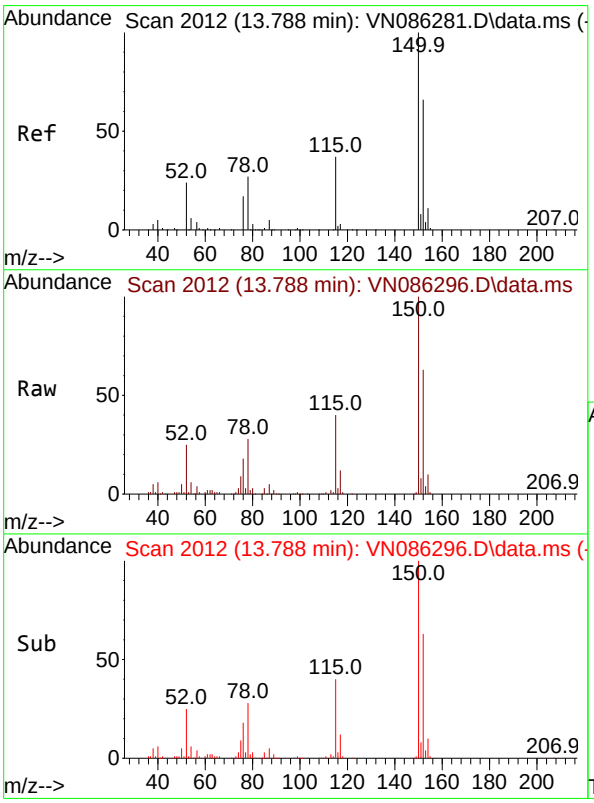
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 309496

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.7	67.1
119	31.9	26.4	39.6

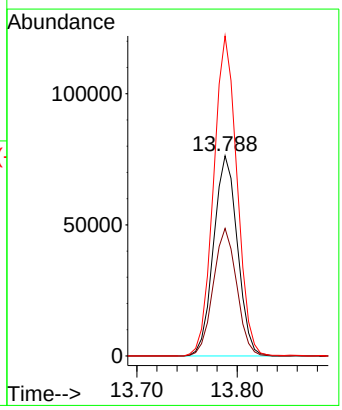




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion:152 Resp: 126085

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.9	95.9
150	157.3	0.0	352.0



Raw Data: **VN086297.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1793
Lab Sample ID:	Q1793-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086297.D	1		04/16/25 15:14	VN041625

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

Raw Data: **VN086297.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1793
Lab Sample ID:	Q1793-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086297.D	1		04/16/25 15:14	VN041625

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	UQ	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: **VN086297.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1793
Lab Sample ID:	Q1793-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086297.D	1		04/16/25 15:14	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.224			
540-36-3	1,4-Difluorobenzene	373000	9.1			
3114-55-4	Chlorobenzene-d5	352000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	151000	13.788			

Raw Data: **VN086297.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:	04/11/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1793
Lab Sample ID:	Q1793-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086297.D	1		04/16/25 15:14	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086297.D
Acq On : 16 Apr 2025 15:14
Operator : JC\MD
Sample : Q1793-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Apr 17 03:07:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	195076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	372552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140578	49.696	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.400%			
35) Dibromofluoromethane	8.165	113	96264	55.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.340%			
50) Toluene-d8	10.565	98	476146	51.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.847	95	172482	51.173	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.340%			
Target Compounds						Qvalue

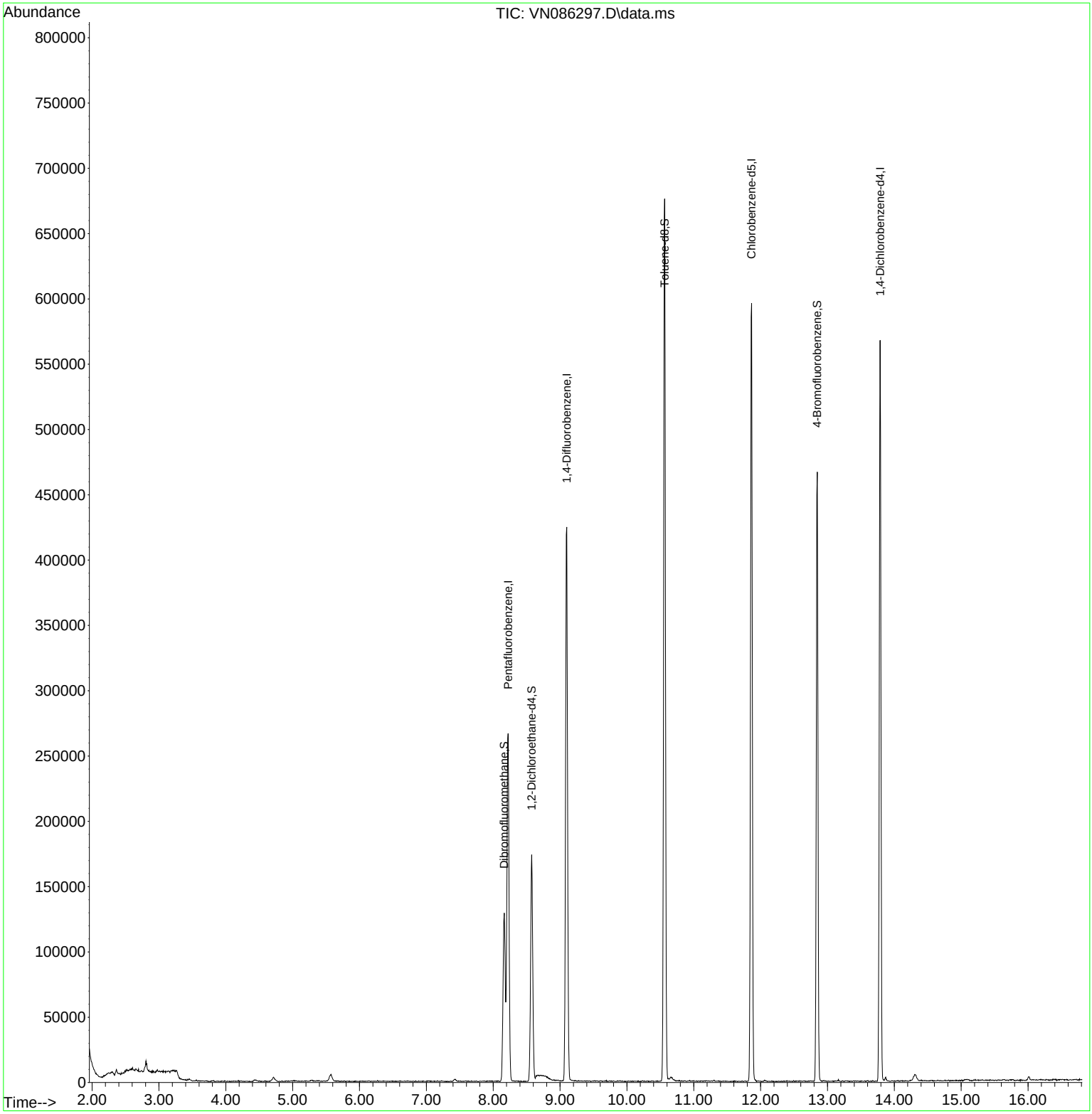
(#) = qualifier out of range (m) = manual integration (+) = signals summed

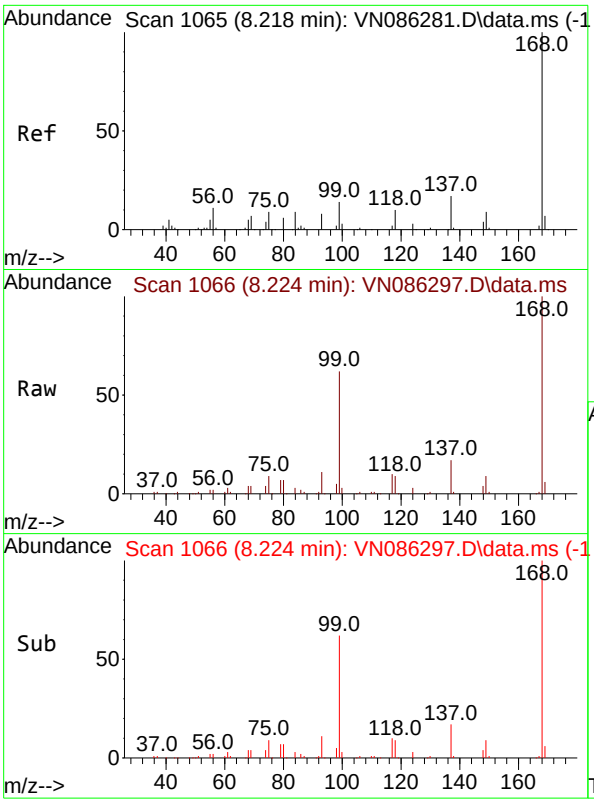
Sample Results: **VN086297.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086297.D
Acq On : 16 Apr 2025 15:14
Operator : JC\MD
Sample : Q1793-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Apr 17 03:07:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



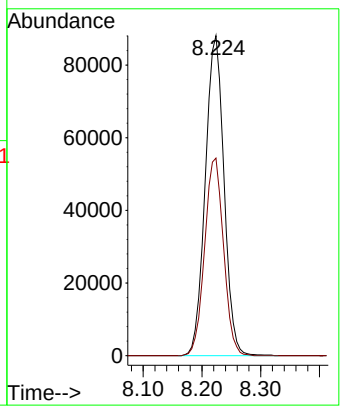


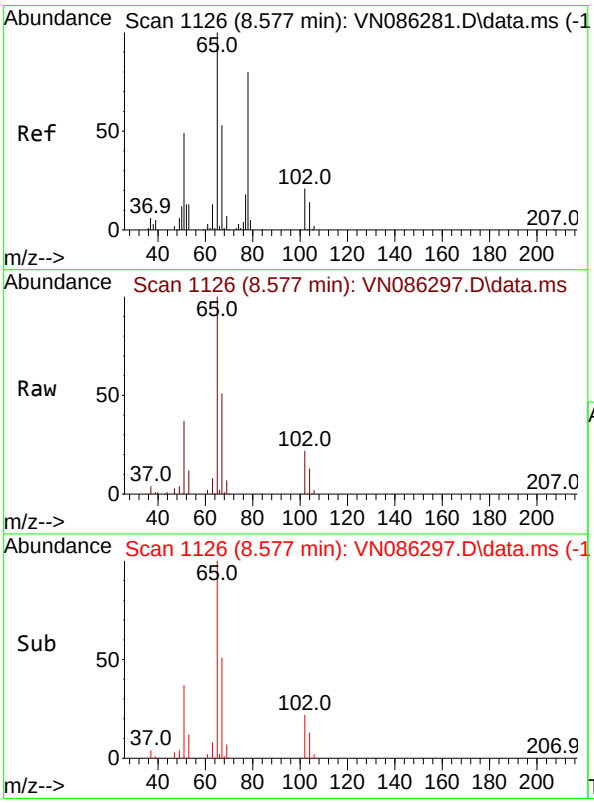
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 195076

Ion	Ratio	Lower	Upper
168	100		
99	61.8	52.5	78.7

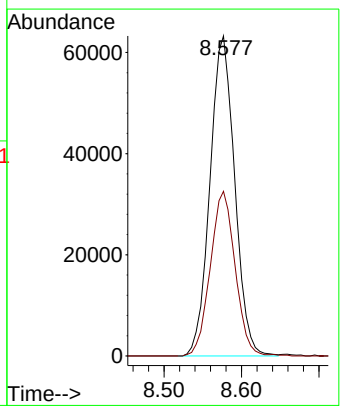


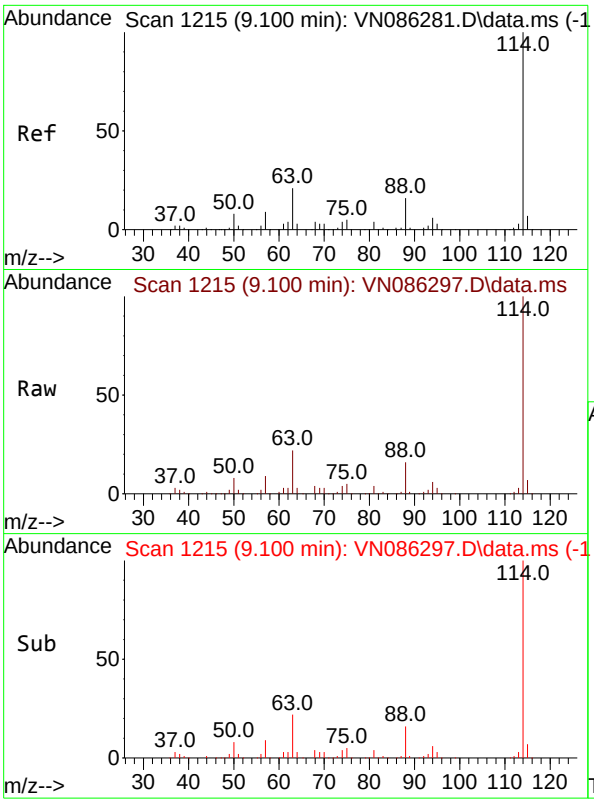


#33
1,2-Dichloroethane-d4
Concen: 49.696 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 65 Resp: 140578

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.0



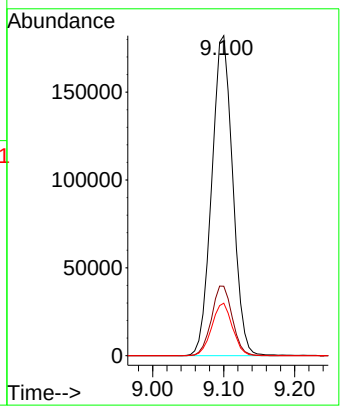


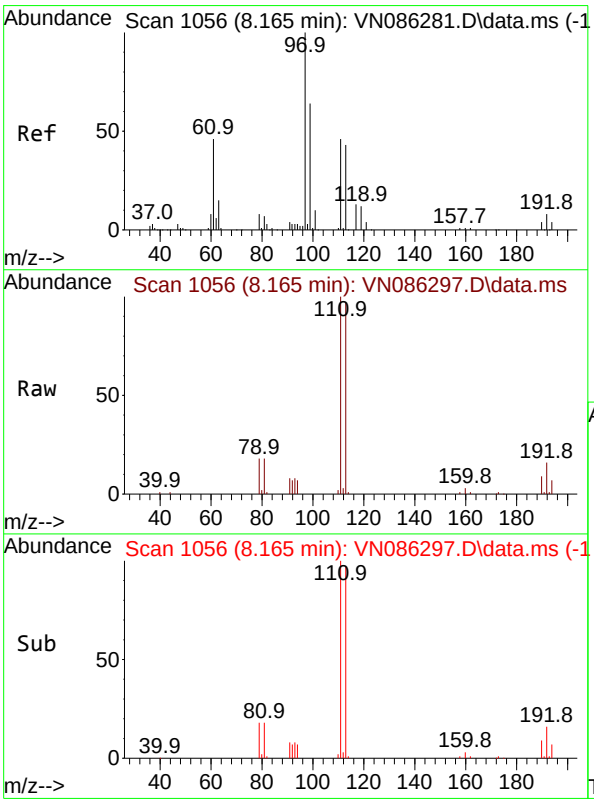
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:114 Resp: 372552

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.6
88	16.4	0.0	31.8

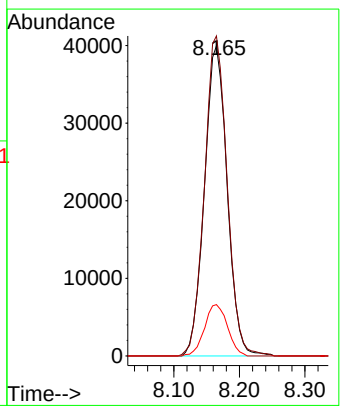


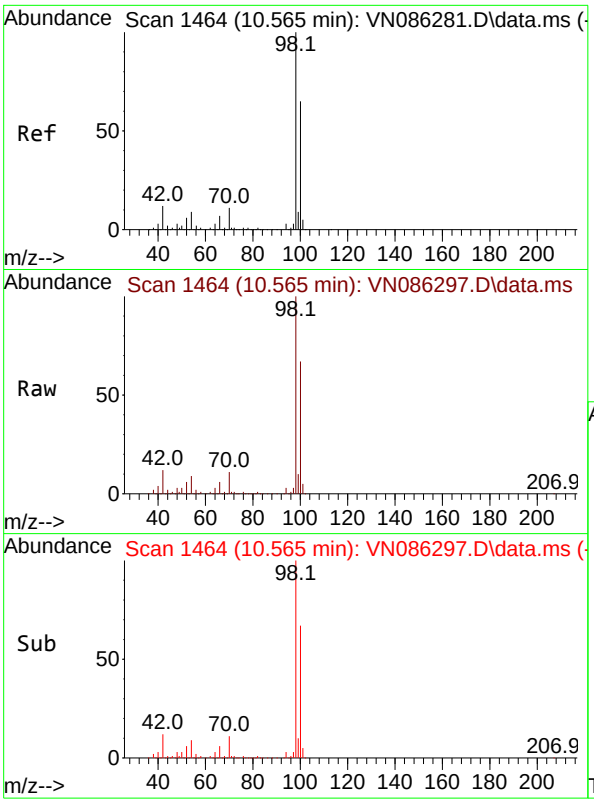


#35
Dibromofluoromethane
Concen: 55.674 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion:113 Resp: 96264

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	16.7	13.7	20.5



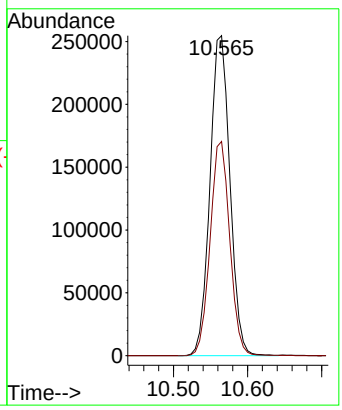


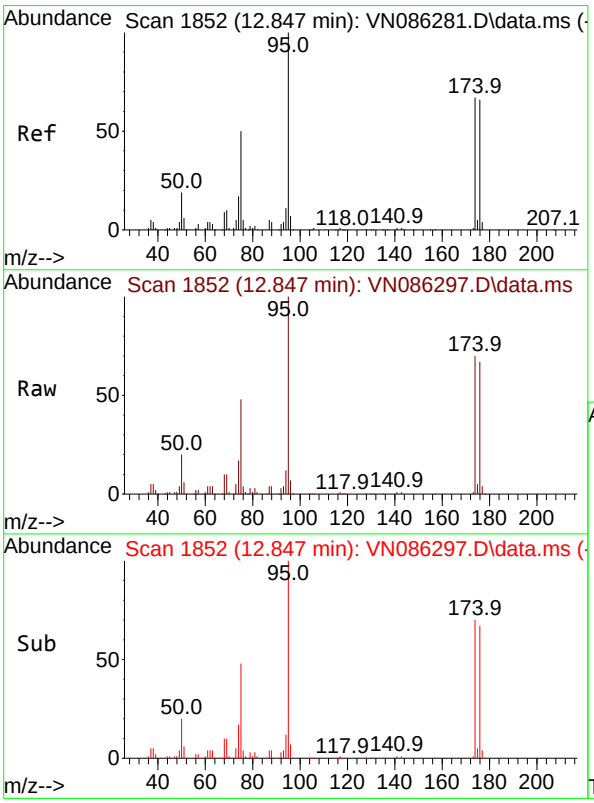
#50
Toluene-d8
Concen: 51.526 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 476146

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7

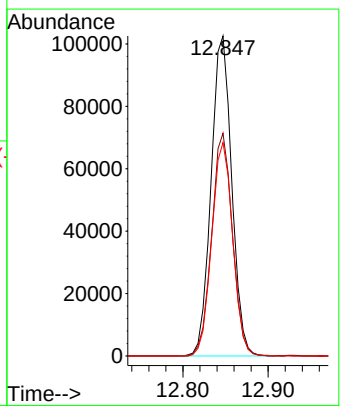


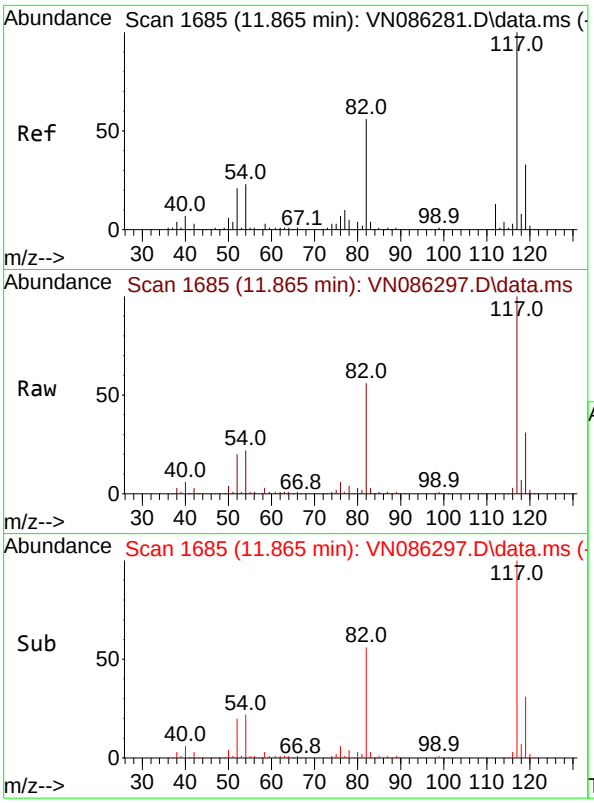


#62
4-Bromofluorobenzene
Concen: 51.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion: 95 Resp: 172482

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	133.4
176	67.5	0.0	129.2



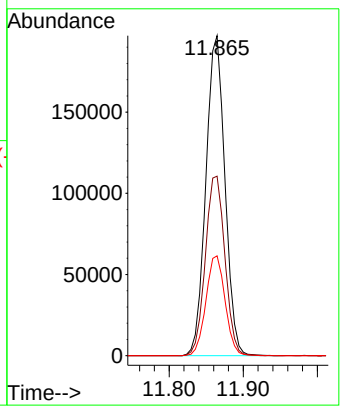


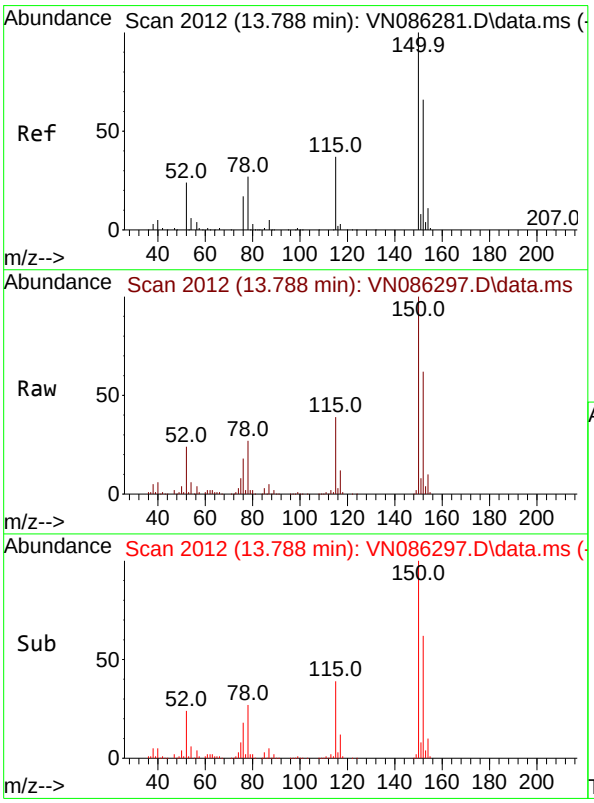
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 352194

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.7	67.1
119	31.2	26.4	39.6

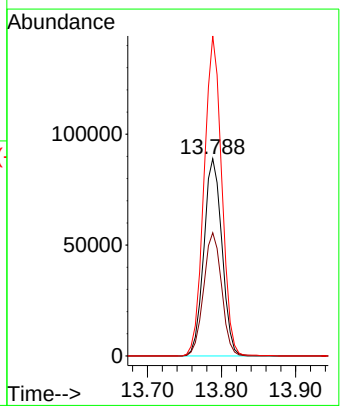




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086297.D
Acq: 16 Apr 2025 15:14

Tgt Ion:152 Resp: 150714

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.9	95.9
150	158.5	0.0	352.0



Raw Data: **VN086298.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:	04/11/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1793
Lab Sample ID:	Q1793-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086298.D	1		04/16/25 15:39	VN041625

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

Raw Data: **VN086298.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:	04/11/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1793
Lab Sample ID:	Q1793-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086298.D	1		04/16/25 15:39	VN041625

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	UQ	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: **VN086298.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:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/11/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1793
Lab Sample ID:	Q1793-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086298.D	1		04/16/25 15:39	VN041625

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	50.2		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	8.224			
540-36-3	1,4-Difluorobenzene	351000	9.1			
3114-55-4	Chlorobenzene-d5	327000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.788			

Raw Data: **VN086298.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:	04/11/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1793
Lab Sample ID:	Q1793-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086298.D	1		04/16/25 15:39	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086298.D
Acq On : 16 Apr 2025 15:39
Operator : JC\MD
Sample : Q1793-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Apr 17 03:07:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	182220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132537	50.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.159	113	90252	55.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.820%			
50) Toluene-d8	10.565	98	448640	51.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.080%			
62) 4-Bromofluorobenzene	12.847	95	161726	50.938	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.880%			

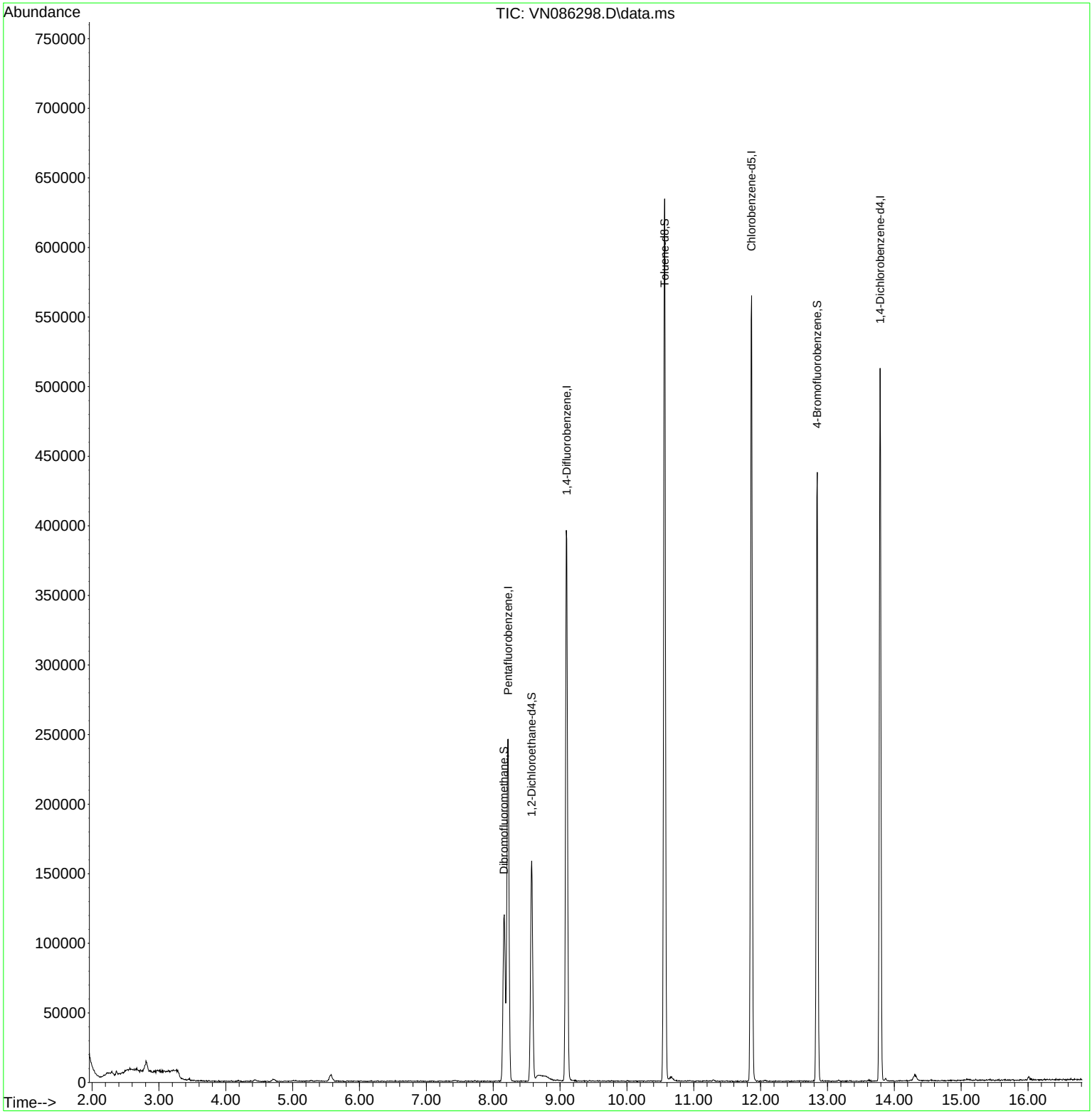
Target Compounds Qvalue

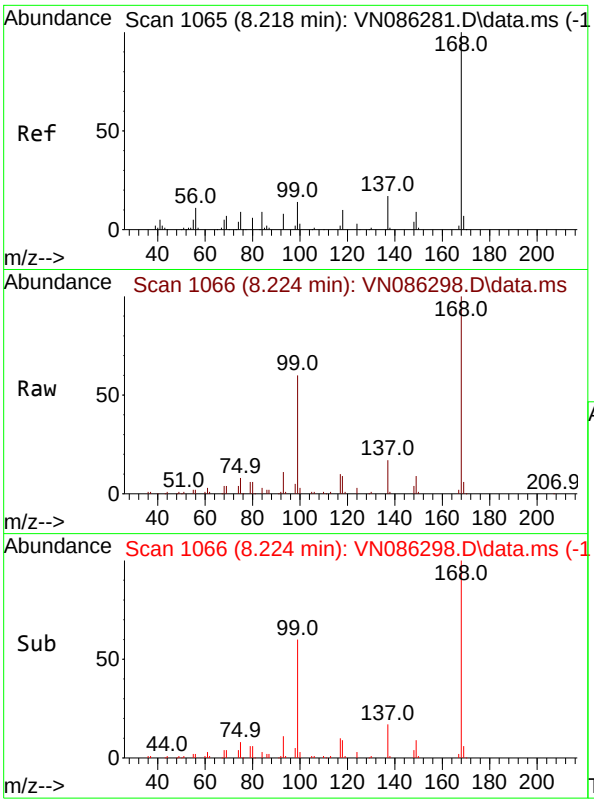
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086298.D
Acq On : 16 Apr 2025 15:39
Operator : JC\MD
Sample : Q1793-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Apr 17 03:07:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



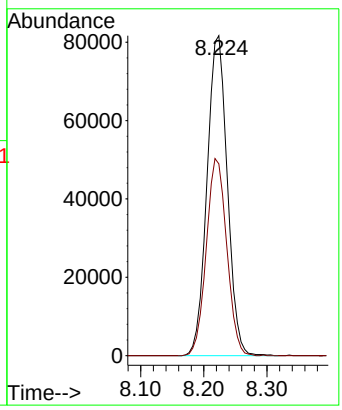


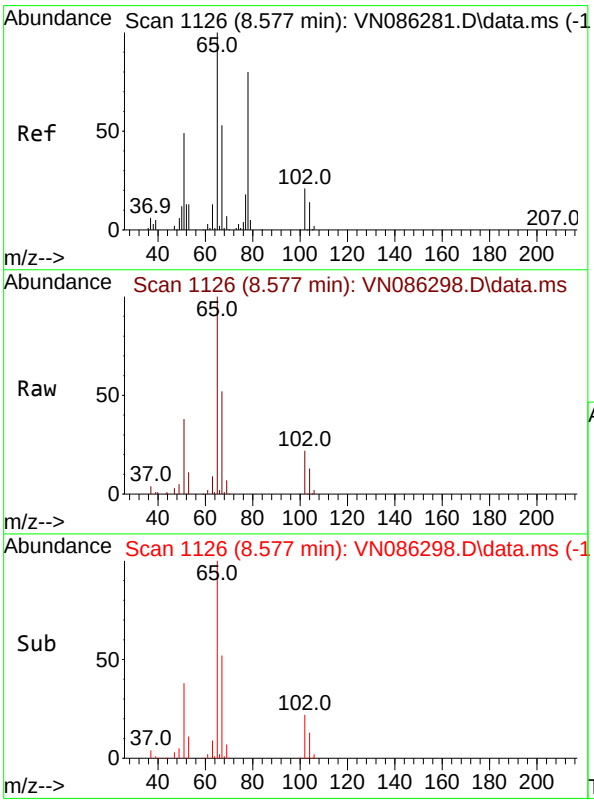
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 182220

Ion	Ratio	Lower	Upper
168	100		
99	60.0	52.5	78.7

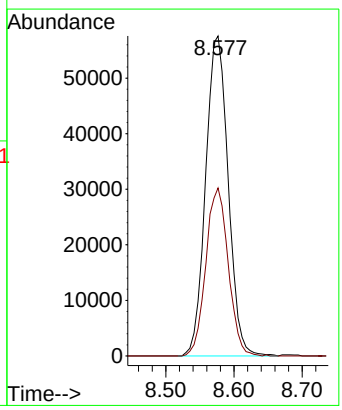


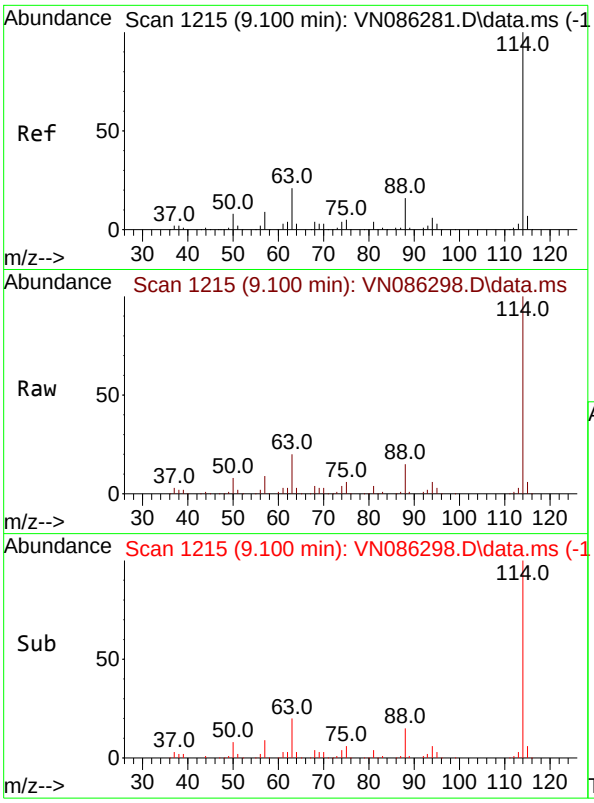


#33
1,2-Dichloroethane-d4
Concen: 50.159 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 65 Resp: 132537

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0



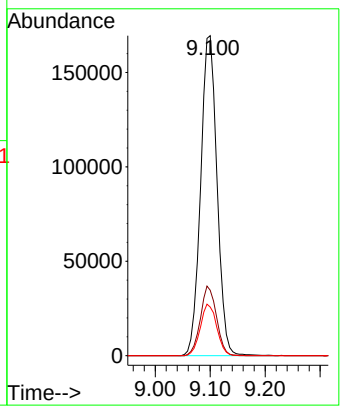


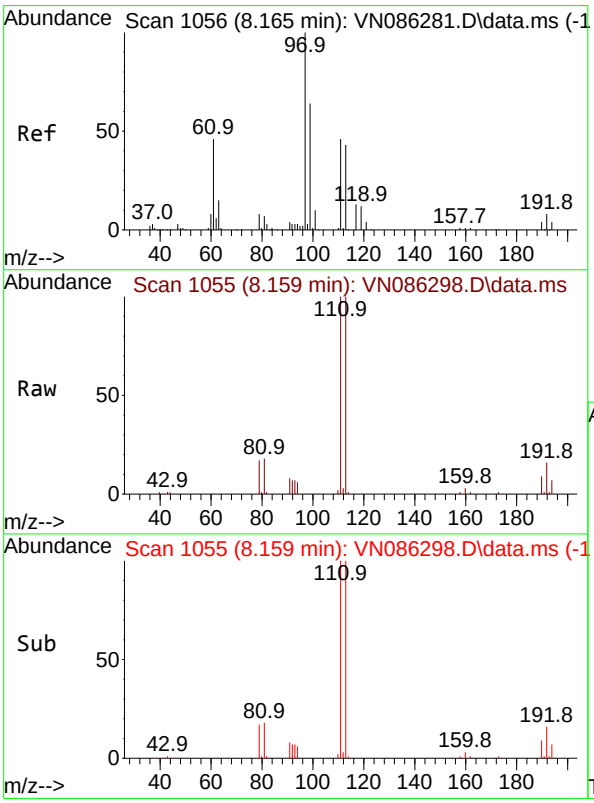
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:114 Resp: 350929

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	15.2	0.0	31.8

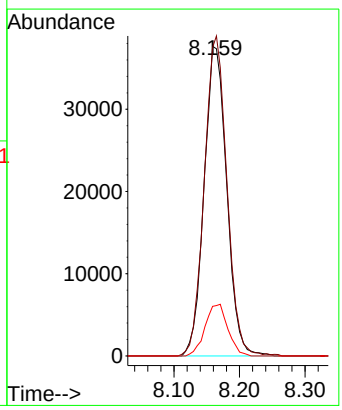


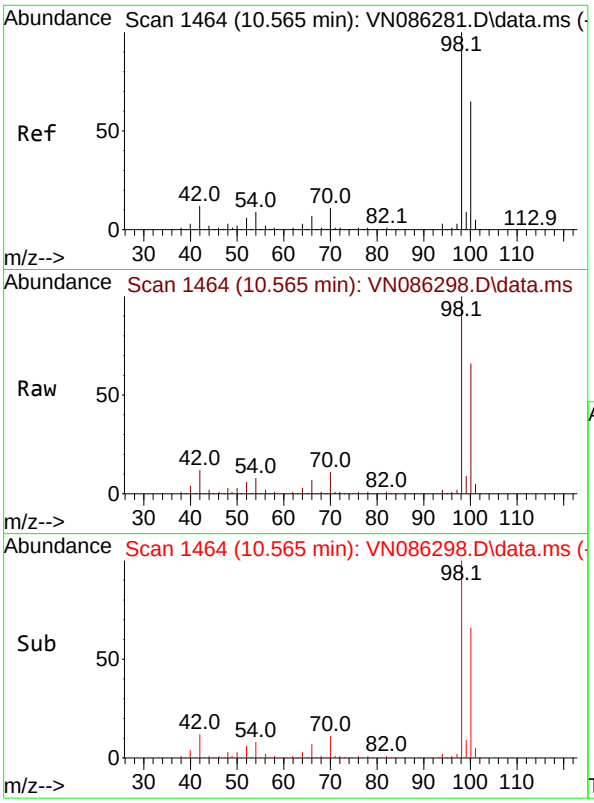


#35
Dibromofluoromethane
Concen: 55.413 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion:113 Resp: 90252

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.0
192	16.8	13.7	20.5



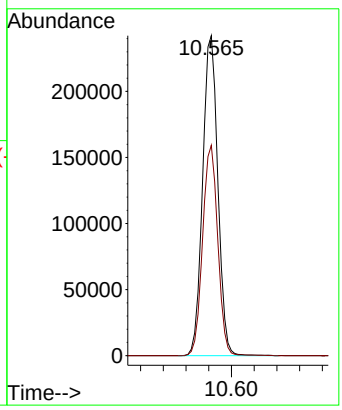


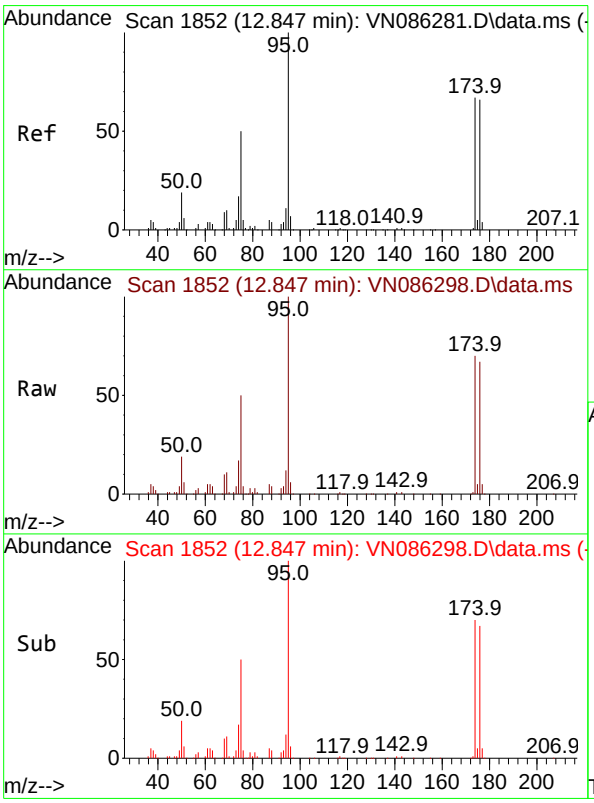
#50
Toluene-d8
Concen: 51.541 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 448640

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7

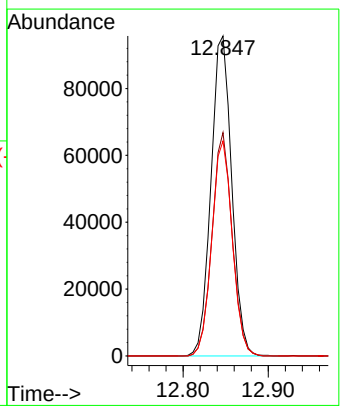


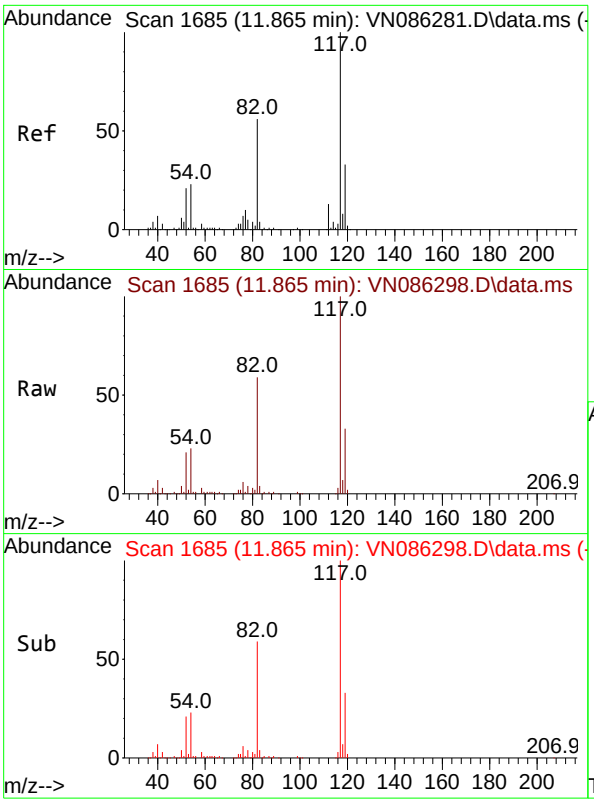


#62
4-Bromofluorobenzene
Concen: 50.938 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 95 Resp: 161726

Ion	Ratio	Lower	Upper
95	100		
174	67.7	0.0	133.4
176	66.4	0.0	129.2



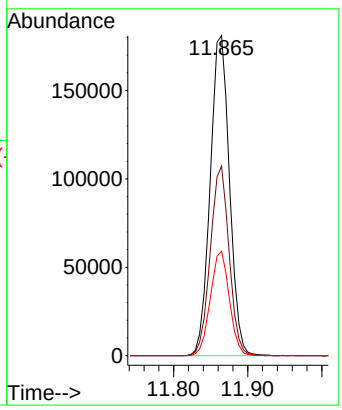


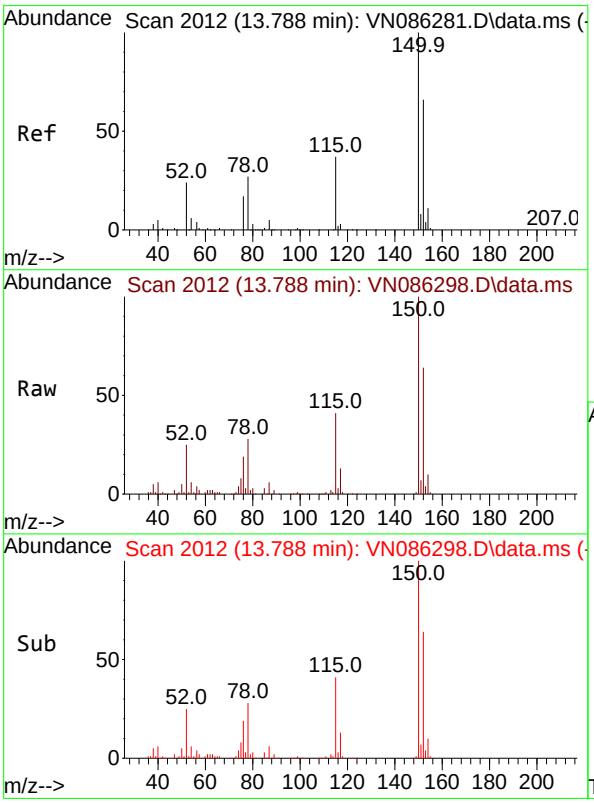
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 327097

Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.7	67.1
119	32.7	26.4	39.6

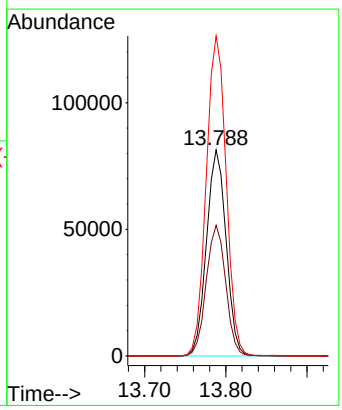




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion:152 Resp: 136544

Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.9	95.9
150	157.3	0.0	352.0



CALIBRATION SUMMARY

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.: Q1793 SAS No.: Q1793 SDG No.: Q1793

Instrument ID: MSVOA_N Calibration Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:29 14:29

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

LAB FILE ID: RRF001 = VN086277.D RRF005 = VN086278.D RRF010 = VN086279.D
RRF020 = VN086280.D RRF050 = VN086281.D RRF100 = VN086282.D

COMPOUND	RRF001	RRF005	RRF010	RRF020	RRF050	RRF100	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.606	0.561	0.582	0.624	0.591	0.593	0.593	3.6
Chloromethane	1.113	0.904	0.783	0.819	0.754	0.795	0.861	15.5
Vinyl Chloride	0.897	0.825	0.785	0.846	0.791	0.788	0.822	5.4
Ethyl Acetate	0.585	0.509	0.458	0.491	0.446	0.439	0.488	11.1
Bromomethane		0.383	0.370	0.395	0.356	0.344	0.370	5.5
Chloroethane	0.650	0.580	0.519	0.543	0.500	0.509	0.550	10.3
Trichlorofluoromethane	0.988	0.951	0.859	0.927	0.863	0.875	0.911	5.9
1,1,2-Trichlorotrifluoroethane	0.577	0.581	0.522	0.567	0.526	0.532	0.551	4.9
Tert butyl alcohol		0.145	0.135	0.142	0.124	0.115	0.132	9.4
1,1-Dichloroethene	0.660	0.622	0.553	0.588	0.551	0.557	0.588	7.6
Acrolein		0.121	0.070	0.065	0.061	0.060	0.075	34.1
Acrylonitrile	0.332	0.349	0.308	0.343	0.317	0.313	0.327	5.1
Acetone	0.423	0.284	0.252	0.283	0.251	0.247	0.290	23.2
Carbon Disulfide	2.325	1.864	1.602	1.721	1.558	1.503	1.762	17.3
Methyl tert-butyl Ether	2.478	2.266	2.013	2.199	2.010	2.014	2.163	8.8
Methyl Acetate	1.024	0.912	0.819	0.864	0.781	0.822	0.870	10
Methylene Chloride	0.782	0.707	0.616	0.670	0.619	0.629	0.670	9.7
trans-1,2-Dichloroethene	0.703	0.656	0.557	0.620	0.575	0.580	0.615	9.1
Vinyl Acetate	1.743	1.757	1.524	1.643	1.483	1.396	1.591	9.2
1,1-Dichloroethane	1.315	1.274	1.122	1.206	1.136	1.152	1.201	6.6
Cyclohexane		1.439	1.140	1.169	1.066	1.062	1.175	13.1
2-Butanone	0.504	0.473	0.420	0.466	0.425	0.420	0.451	7.7
Carbon Tetrachloride	0.470	0.471	0.409	0.449	0.423	0.426	0.441	5.9
2,2-Dichloropropane	1.174	1.154	1.024	1.084	0.983	1.032	1.075	7.1
cis-1,2-Dichloroethene	0.882	0.810	0.694	0.764	0.714	0.720	0.764	9.3
Bromochloromethane	0.545	0.608	0.436	0.465	0.495	0.506	0.509	12
Chloroform	1.318	1.233	1.122	1.196	1.105	1.104	1.180	7.3
1,1,1-Trichloroethane	1.095	1.083	0.953	1.026	0.949	0.949	1.009	6.8
Methylcyclohexane	0.611	0.579	0.513	0.549	0.524	0.531	0.551	6.8
1,1-Dichloropropene	0.509	0.488	0.426	0.466	0.443	0.448	0.463	6.7

* 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.: Q1793 SAS No.: Q1793 SDG No.: Q1793

Instrument ID: MSVOA_N Calibration Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:29 14:29

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

LAB FILE ID: RRF001 = VN086277.D RRF005 = VN086278.D RRF010 = VN086279.D
RRF020 = VN086280.D RRF050 = VN086281.D RRF100 = VN086282.D

COMPOUND	RRF001	RRF005	RRF010	RRF020	RRF050	RRF100	$\overline{RRF}$	% RSD
Benzene	1.648	1.545	1.389	1.508	1.409	1.411	1.485	6.8
1,2-Dichloroethane	0.526	0.496	0.448	0.482	0.444	0.446	0.474	7.1
Trichloroethene	0.390	0.357	0.334	0.352	0.338	0.341	0.352	5.8
1,2-Dichloropropane	0.378	0.383	0.355	0.368	0.349	0.347	0.364	4.2
Dibromomethane	0.234	0.244	0.220	0.239	0.227	0.226	0.232	3.7
Bromodichloromethane	0.531	0.530	0.477	0.510	0.475	0.477	0.500	5.4
4-Methyl-2-Pentanone	0.522	0.522	0.479	0.521	0.484	0.471	0.500	4.9
Toluene	1.003	0.963	0.865	0.941	0.892	0.895	0.927	5.6
t-1,3-Dichloropropene	0.576	0.574	0.528	0.572	0.547	0.554	0.558	3.4
cis-1,3-Dichloropropene	0.679	0.636	0.580	0.621	0.577	0.587	0.613	6.5
1,1,2-Trichloroethane	0.367	0.357	0.315	0.332	0.318	0.313	0.333	6.9
1,3-Dichloropropane	0.629	0.617	0.567	0.602	0.564	0.571	0.592	4.7
2-Chloroethyl Vinyl ether	0.294	0.354	0.242	0.275	0.287	0.294	0.291	12.5
2-Hexanone	0.394	0.387	0.355	0.383	0.355	0.349	0.371	5.3
Dibromochloromethane	0.377	0.381	0.354	0.375	0.353	0.356	0.366	3.5
1,2-Dibromoethane	0.359	0.342	0.319	0.350	0.324	0.323	0.336	4.9
Tetrachloroethene	0.419	0.399	0.358	0.390	0.371	0.370	0.385	5.8
Chlorobenzene	1.235	1.175	1.058	1.117	1.050	1.059	1.116	6.8
1,1,1,2-Tetrachloroethane	0.400	0.396	0.349	0.368	0.347	0.348	0.368	6.7
Hexachloroethane	0.617	0.586	0.530	0.557	0.518	0.538	0.558	6.7
Ethyl Benzene	2.210	2.112	1.873	2.028	1.918	1.941	2.014	6.4
m/p-Xylenes	0.809	0.795	0.705	0.757	0.727	0.734	0.754	5.4
o-Xylene	0.791	0.792	0.709	0.753	0.713	0.718	0.746	5.2
Styrene	1.306	1.288	1.156	1.245	1.218	1.246	1.243	4.3
Bromoform	0.306	0.294	0.258	0.279	0.261	0.264	0.277	7
Isopropylbenzene	4.666	4.271	3.991	4.181	3.728	3.706	4.090	8.9
1,1,2,2-Tetrachloroethane	1.347	1.294	1.181	1.212	1.035	0.985	1.176	12.1
1,2,3-Trichloropropane	1.518	1.144	1.153	1.182	1.042	1.040	1.180	14.9
Bromobenzene	0.968	0.935	0.905	0.946	0.850	0.833	0.906	6
n-propylbenzene	5.366	5.072	4.629	4.862	4.488	4.501	4.820	7.3

* 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,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1793 SAS No.: Q1793 SDG No.: Q1793

Instrument ID: MSVOA_N Calibration Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:29 14:29

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

LAB FILE ID: RRF001 = VN086277.D RRF005 = VN086278.D RRF010 = VN086279.D
RRF020 = VN086280.D RRF050 = VN086281.D RRF100 = VN086282.D

COMPOUND	RRF001	RRF005	RRF010	RRF020	RRF050	RRF100	$\overline{RRF}$	% RSD
2-Chlorotoluene	3.378	3.247	2.908	3.058	2.759	2.745	3.016	8.6
1,3,5-Trimethylbenzene	3.800	3.518	3.178	3.418	3.083	3.088	3.348	8.5
4-Chlorotoluene	3.304	3.152	2.851	3.047	2.810	2.812	2.996	6.9
tert-Butylbenzene	3.382	3.057	2.795	2.886	2.608	2.675	2.901	9.8
1,2,4-Trimethylbenzene	3.782	3.644	3.262	3.431	3.171	3.156	3.408	7.6
sec-Butylbenzene	4.451	4.309	3.897	3.991	3.763	3.729	4.023	7.3
p-Isopropyltoluene	3.603	3.487	3.174	3.290	3.158	3.185	3.316	5.6
1,3-Dichlorobenzene	1.866	1.822	1.618	1.698	1.610	1.608	1.704	6.7
1,4-Dichlorobenzene	1.942	1.815	1.615	1.713	1.614	1.597	1.716	8
n-Butylbenzene	3.209	3.013	2.746	2.921	2.838	2.910	2.939	5.4
1,2-Dichlorobenzene	1.819	1.820	1.565	1.646	1.559	1.502	1.652	8.4
1,2-Dibromo-3-Chloropropane	0.234	0.274	0.229	0.251	0.222	0.213	0.237	9.2
1,2,4-Trichlorobenzene	0.822	0.865	0.730	0.793	0.765	0.771	0.791	6
Hexachlorobutadiene	0.308	0.339	0.286	0.301	0.280	0.278	0.299	7.6
Naphthalene	3.012	2.955	2.601	2.904	2.675	2.674	2.804	6.2
1,2,3-Trichlorobenzene	0.819	0.810	0.697	0.749	0.708	0.709	0.749	7.2
1,2-Dichloroethane-d4		0.746	0.745	0.707	0.719	0.708	0.725	2.6
Dibromofluoromethane		0.267	0.255	0.230	0.215	0.194	0.232	12.8
Toluene-d8		1.247	1.281	1.185	1.251	1.237	1.240	2.8
4-Bromofluorobenzene		0.459	0.456	0.421	0.459	0.467	0.452	4

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025
Response Via : Initial Calibration

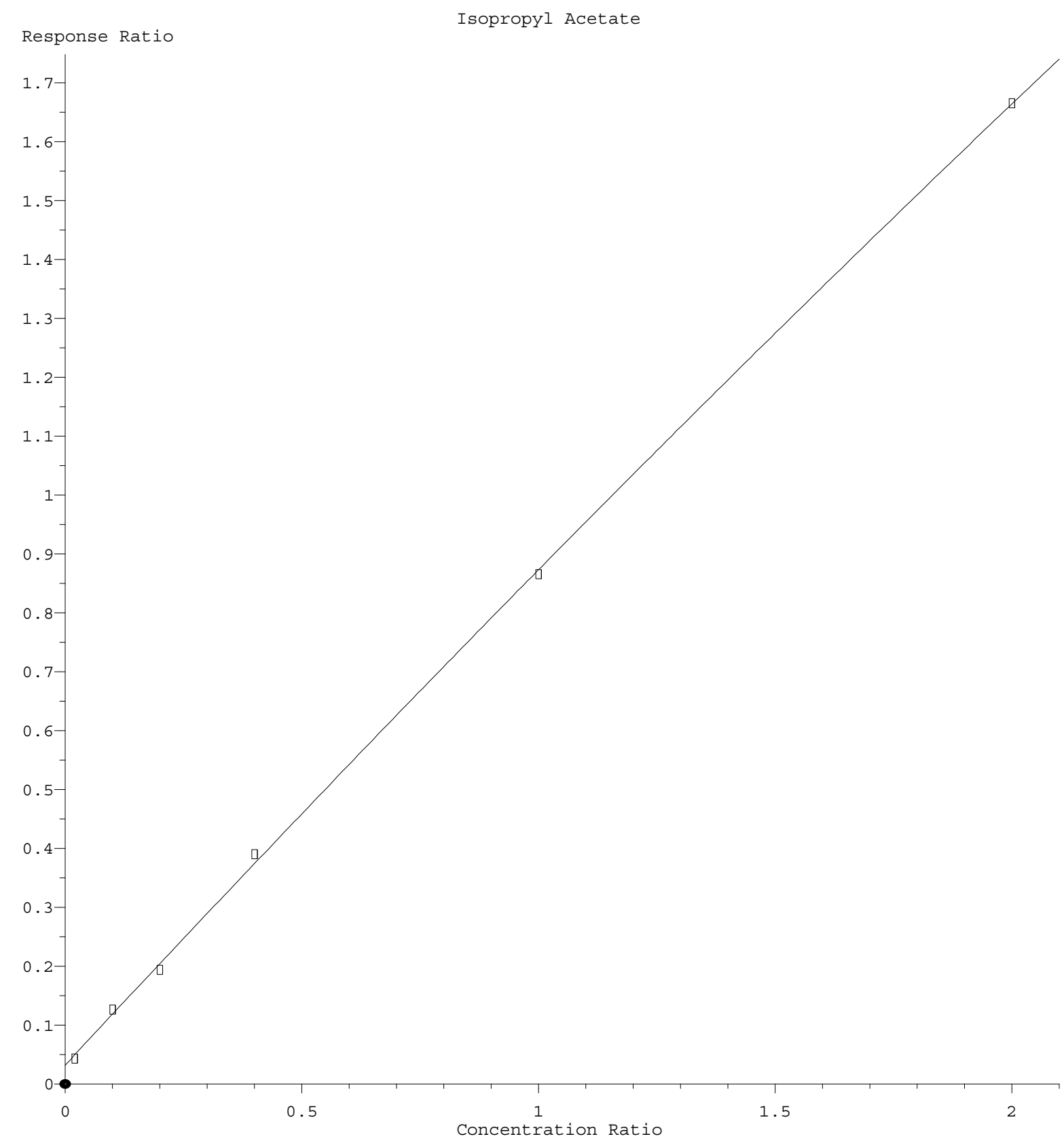
Calibration Files
1 =VN086277.D 5 =VN086278.D 10 =VN086279.D 20 =VN086280.D 50 =VN086281.D 100 =VN086282.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.606	0.561	0.582	0.624	0.591	0.593	0.593	3.56
3)	P	Chloromethane	1.113	0.904	0.783	0.819	0.754	0.795	0.861	15.46
4)	C	Vinyl Chloride	0.897	0.825	0.785	0.846	0.791	0.788	0.822	5.36#
5)	T	Bromomethane		0.383	0.370	0.395	0.356	0.344	0.370	5.53
6)	T	Chloroethane	0.650	0.580	0.519	0.543	0.500	0.509	0.550	10.31
7)	T	Trichlorofluor...	0.988	0.951	0.859	0.927	0.863	0.875	0.911	5.87
8)	T	Diethyl Ether	0.423	0.421	0.375	0.415	0.374	0.377	0.398	6.12
9)	T	1,1,2-Trichlor...	0.577	0.581	0.522	0.567	0.526	0.532	0.551	4.93
10)	T	Methyl Iodide		0.598	0.564	0.636	0.599	0.631	0.606	4.84
11)	T	Tert butyl alc...		0.145	0.135	0.142	0.124	0.115	0.132	9.44
12)	CM	1,1-Dichloroet...	0.660	0.622	0.553	0.588	0.551	0.557	0.588	7.59#
13)	T	Acrolein		0.121	0.070	0.065	0.061	0.060	0.075	34.06
14)	T	Allyl chloride	1.330	1.082	0.957	1.025	0.929	0.954	1.046	14.33
15)	T	Acrylonitrile	0.332	0.349	0.308	0.343	0.317	0.313	0.327	5.13
16)	T	Acetone	0.423	0.284	0.252	0.283	0.251	0.247	0.290	23.22
17)	T	Carbon Disulfide	2.325	1.864	1.602	1.721	1.558	1.503	1.762	17.28
18)	T	Methyl Acetate	1.024	0.912	0.819	0.864	0.781	0.822	0.870	10.04
19)	T	Methyl tert-bu...	2.478	2.266	2.013	2.199	2.010	2.014	2.163	8.76
20)	T	Methylene Chlo...	0.782	0.707	0.616	0.670	0.619	0.629	0.670	9.71
21)	T	trans-1,2-Dich...	0.703	0.656	0.557	0.620	0.575	0.580	0.615	9.11
22)	T	Diisopropyl ether	2.660	2.385	2.107	2.266	2.109	2.128	2.276	9.58
23)	T	Vinyl Acetate	1.743	1.757	1.524	1.643	1.483	1.396	1.591	9.21
24)	P	1,1-Dichloroet...	1.315	1.274	1.122	1.206	1.136	1.152	1.201	6.57
25)	T	2-Butanone	0.504	0.473	0.420	0.466	0.425	0.420	0.451	7.73
26)	T	2,2-Dichloropr...	1.174	1.154	1.024	1.084	0.983	1.032	1.075	7.07
27)	T	cis-1,2-Dichlo...	0.882	0.810	0.694	0.764	0.714	0.720	0.764	9.32
28)	T	Bromochloromet...	0.545	0.608	0.436	0.465	0.495	0.506	0.509	11.96
29)	T	Tetrahydrofuran	0.337	0.319	0.286	0.314	0.281	0.273	0.302	8.30
30)	C	Chloroform	1.318	1.233	1.122	1.196	1.105	1.104	1.180	7.29#
31)	T	Cyclohexane		1.439	1.140	1.169	1.066	1.062	1.175	13.14
32)	T	1,1,1-Trichlor...	1.095	1.083	0.953	1.026	0.949	0.949	1.009	6.79
33)	S	1,2-Dichloroet...		0.746	0.745	0.707	0.719	0.708	0.725	2.63
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.267	0.255	0.230	0.215	0.194	0.232	12.85
36)	T	1,1-Dichloropr...	0.509	0.488	0.426	0.466	0.443	0.448	0.463	6.68
37)	T	Ethyl Acetate	0.585	0.509	0.458	0.491	0.446	0.439	0.488	11.15
38)	T	Carbon Tetrach...	0.470	0.471	0.409	0.449	0.423	0.426	0.441	5.93
39)	T	Methylcyclohexane	0.611	0.579	0.513	0.549	0.524	0.531	0.551	6.83
40)	TM	Benzene	1.648	1.545	1.389	1.508	1.409	1.411	1.485	6.81
41)	T	Methacrylonitrile	0.327	0.285	0.278	0.283	0.264	0.259	0.283	8.57
42)	TM	1,2-Dichloroet...	0.526	0.496	0.448	0.482	0.444	0.446	0.474	7.09
43)	T	Isopropyl Acetate	2.155	1.263	0.969	0.975	0.866	0.833	1.177	42.71
44)	TM	Trichloroethene	0.390	0.357	0.334	0.352	0.338	0.341	0.352	5.83
45)	C	1,2-Dichloropr...	0.378	0.383	0.355	0.368	0.349	0.347	0.364	4.24#
46)	T	Dibromomethane	0.234	0.244	0.220	0.239	0.227	0.226	0.232	3.74
47)	T	Bromodichlorom...	0.531	0.530	0.477	0.510	0.475	0.477	0.500	5.39
48)	T	Methyl methacr...	0.517	0.436	0.404	0.433	0.395	0.386	0.429	11.14
49)	T	1,4-Dioxane	0.009	0.008	0.007	0.008	0.007	0.006	0.007	15.51
50)	S	Toluene-d8		1.247	1.281	1.185	1.251	1.237	1.240	2.81
51)	T	4-Methyl-2-Pen...	0.522	0.522	0.479	0.521	0.484	0.471	0.500	4.90
52)	CM	Toluene	1.003	0.963	0.865	0.941	0.892	0.895	0.927	5.60#
53)	T	t-1,3-Dichloro...	0.576	0.574	0.528	0.572	0.547	0.554	0.558	3.38
54)	T	cis-1,3-Dichlo...	0.679	0.636	0.580	0.621	0.577	0.587	0.613	6.52
55)	T	1,1,2-Trichlor...	0.367	0.357	0.315	0.332	0.318	0.313	0.333	6.91
56)	T	Ethyl methacry...	0.668	0.644	0.578	0.623	0.579	0.585	0.613	6.23

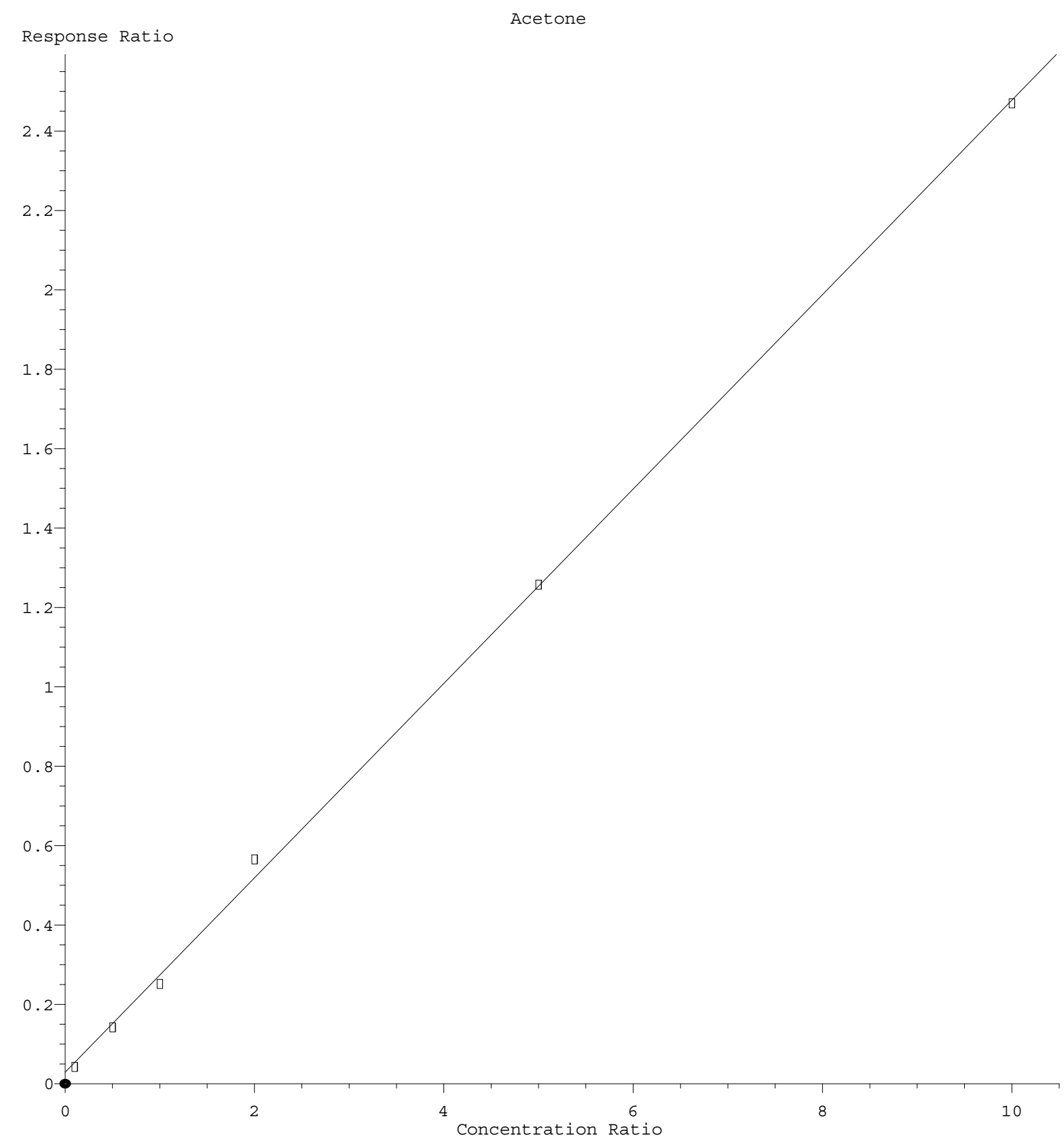
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N041525W.M

57)	T	1,3-Dichloropr...	0.629	0.617	0.567	0.602	0.564	0.571	0.592	4.75
58)	T	2-Chloroethyl ...	0.294	0.354	0.242	0.275	0.287	0.294	0.291	12.51
59)	T	2-Hexanone	0.394	0.387	0.355	0.383	0.355	0.349	0.371	5.28
60)	T	Dibromochlorom...	0.377	0.381	0.354	0.375	0.353	0.356	0.366	3.48
61)	T	1,2-Dibromoethane	0.359	0.342	0.319	0.350	0.324	0.323	0.336	4.94
62)	S	4-Bromofluorob...		0.459	0.456	0.421	0.459	0.467	0.452	4.02
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.419	0.399	0.358	0.390	0.371	0.370	0.385	5.83
65)	PM	Chlorobenzene	1.235	1.175	1.058	1.117	1.050	1.059	1.116	6.78
66)	T	1,1,1,2-Tetrac...	0.400	0.396	0.349	0.368	0.347	0.348	0.368	6.70
67)	C	Ethyl Benzene	2.210	2.112	1.873	2.028	1.918	1.941	2.014	6.39#
68)	T	m/p-Xylenes	0.809	0.795	0.705	0.757	0.727	0.734	0.754	5.38
69)	T	o-Xylene	0.791	0.792	0.709	0.753	0.713	0.718	0.746	5.16
70)	T	Styrene	1.306	1.288	1.156	1.245	1.218	1.246	1.243	4.28
71)	P	Bromoform	0.306	0.294	0.258	0.279	0.261	0.264	0.277	7.03
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.666	4.271	3.991	4.181	3.728	3.706	4.090	8.89
74)	T	N-amyl acetate	2.690	2.110	1.879	2.000	1.778	1.760	2.036	17.03
75)	P	1,1,2,2-Tetrac...	1.347	1.294	1.181	1.212	1.035	0.985	1.176	12.07
76)	T	1,2,3-Trichlor...	1.518	1.144	1.153	1.182	1.042	1.040	1.180	14.93
77)	T	Bromobenzene	0.968	0.935	0.905	0.946	0.850	0.833	0.906	5.99
78)	T	n-propylbenzene	5.366	5.072	4.629	4.862	4.488	4.501	4.820	7.26
79)	T	2-Chlorotoluene	3.378	3.247	2.908	3.058	2.759	2.745	3.016	8.61
80)	T	1,3,5-Trimethy...	3.800	3.518	3.178	3.418	3.083	3.088	3.348	8.50
81)	T	trans-1,4-Dich...		0.526	0.493	0.494	0.461	0.482	0.491	4.81
82)	T	4-Chlorotoluene	3.304	3.152	2.851	3.047	2.810	2.812	2.996	6.86
83)	T	tert-Butylbenzene	3.382	3.057	2.795	2.886	2.608	2.675	2.901	9.80
84)	T	1,2,4-Trimethy...	3.782	3.644	3.262	3.431	3.171	3.156	3.408	7.62
85)	T	sec-Butylbenzene	4.451	4.309	3.897	3.991	3.763	3.729	4.023	7.34
86)	T	p-Isopropyltol...	3.603	3.487	3.174	3.290	3.158	3.185	3.316	5.63
87)	T	1,3-Dichlorobe...	1.866	1.822	1.618	1.698	1.610	1.608	1.704	6.72
88)	T	1,4-Dichlorobe...	1.942	1.815	1.615	1.713	1.614	1.597	1.716	8.05
89)	T	n-Butylbenzene	3.209	3.013	2.746	2.921	2.838	2.910	2.939	5.43
90)	T	Hexachloroethane	0.617	0.586	0.530	0.557	0.518	0.538	0.558	6.74
91)	T	1,2-Dichlorobe...	1.819	1.820	1.565	1.646	1.559	1.502	1.652	8.35
92)	T	1,2-Dibromo-3-...	0.234	0.274	0.229	0.251	0.222	0.213	0.237	9.21
93)	T	1,2,4-Trichlor...	0.822	0.865	0.730	0.793	0.765	0.771	0.791	5.99
94)	T	Hexachlorobuta...	0.308	0.339	0.286	0.301	0.280	0.278	0.299	7.61
95)	T	Naphthalene	3.012	2.955	2.601	2.904	2.675	2.674	2.804	6.20
96)	T	1,2,3-Trichlor...	0.819	0.810	0.697	0.749	0.708	0.709	0.749	7.25

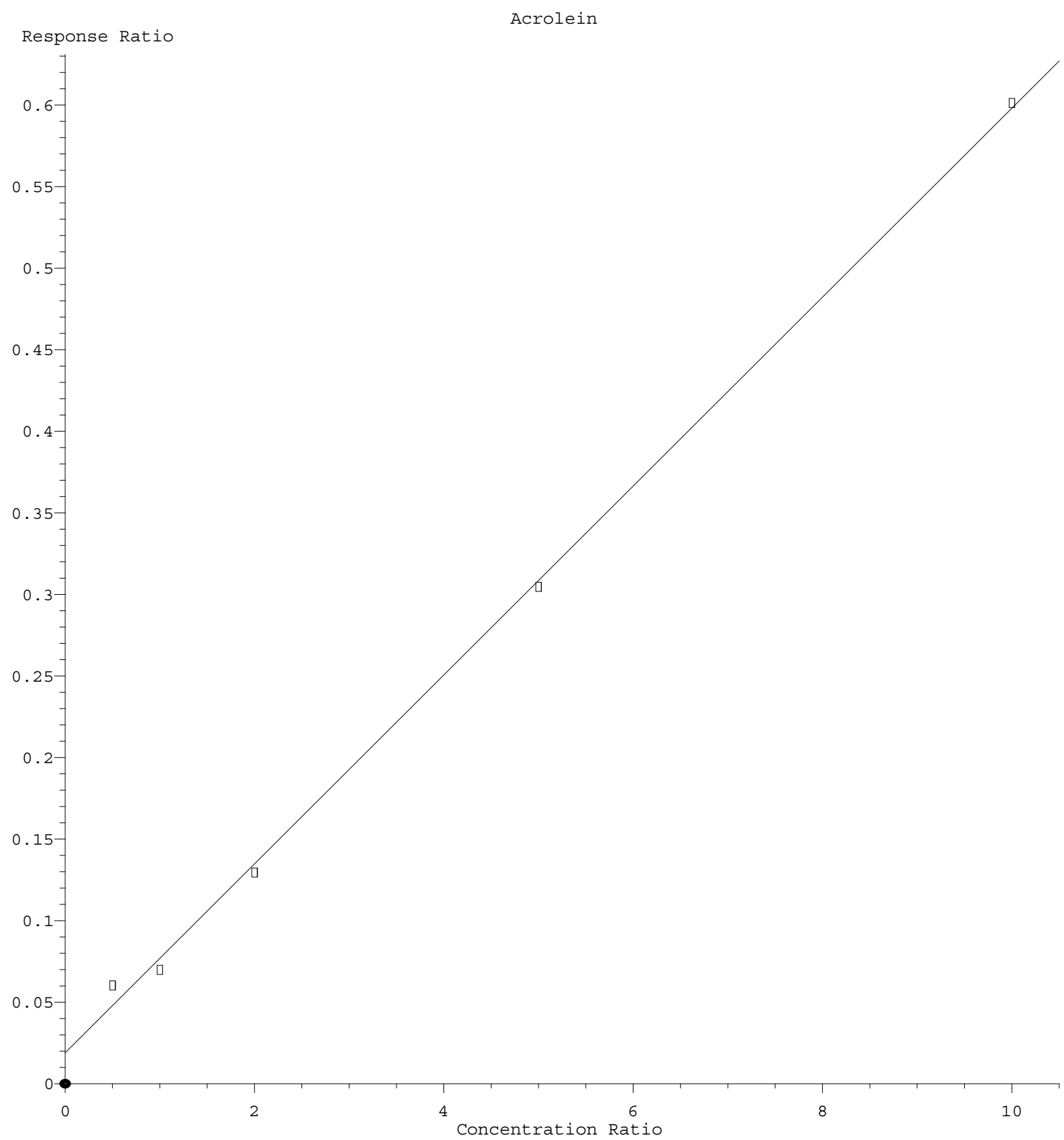
(#) = Out of Range



R = -2.483e-002 A*A + 8.654e-001 A + 3.238e-002
Coef of Det (r^2) = 0.999735 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041525W.M
Calibration Table Last Updated: Wed Apr 16 04:19:23 2025



Response = 2.450e-001 * Amt + 2.861e-002
Coef of Det (r^2) = 0.999327 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041525W.M
Calibration Table Last Updated: Wed Apr 16 04:19:23 2025



Response = 5.796e-002 * Amt + 1.861e-002
Coef of Det (r^2) = 0.998771 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041525W.M
Calibration Table Last Updated: Wed Apr 16 04:19:23 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086277.D
Acq On : 15 Apr 2025 11:29
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:54:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	218868	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	404752	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	341637	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145129	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	2.124	85	2651	1.022	ug/l		95
3) Chloromethane	2.360	50	4871	1.292	ug/l		93
4) Vinyl Chloride	2.518	62	3928	1.092	ug/l		94
6) Chloroethane	3.124	64	2846	1.182	ug/l	#	86
7) Trichlorofluoromethane	3.495	101	4327	1.086	ug/l	#	79
8) Diethyl Ether	3.965	74	1853	1.065	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.365	101	2525	1.047	ug/l	#	84
12) 1,1-Dichloroethene	4.342	96	2890	1.122	ug/l		97
14) Allyl chloride	5.018	41	5821	1.272	ug/l		94
15) Acrylonitrile	5.730	53	7256	5.069	ug/l		100
16) Acetone	4.430	43	9264m	2.774	ug/l		
17) Carbon Disulfide	4.706	76	10177	1.319	ug/l		97
18) Methyl Acetate	5.024	43	4481	1.176	ug/l		92
19) Methyl tert-butyl Ether	5.789	73	10847	1.145	ug/l	#	91
20) Methylene Chloride	5.271	84	3423	1.167	ug/l	#	94
21) trans-1,2-Dichloroethene	5.783	96	3079	1.143	ug/l	#	84
22) Diisopropyl ether	6.665	45	11644	1.169	ug/l		98
23) Vinyl Acetate	6.606	43	38143	5.479	ug/l		96
24) 1,1-Dichloroethane	6.565	63	5756	1.095	ug/l	#	85
25) 2-Butanone	7.489	43	11026	5.581	ug/l		99
26) 2,2-Dichloropropane	7.494	77	5139	1.092	ug/l		99
27) cis-1,2-Dichloroethene	7.489	96	3859	1.154	ug/l		90
28) Bromochloromethane	7.800	49	2387	1.071	ug/l	#	92
29) Tetrahydrofuran	7.841	42	7367	5.577	ug/l		93
30) Chloroform	7.959	83	5771	1.118	ug/l		98
32) 1,1,1-Trichloroethane	8.165	97	4792	1.085	ug/l	#	51
36) 1,1-Dichloropropene	8.371	75	4123	1.099	ug/l		94
37) Ethyl Acetate	7.559	43	4732	1.198	ug/l	#	91
38) Carbon Tetrachloride	8.359	117	3808	1.066	ug/l		100
39) Methylcyclohexane	9.594	83	4950	1.110	ug/l		96
40) Benzene	8.606	78	13340	1.110	ug/l		97
41) Methacrylonitrile	7.765	41	2651	1.158	ug/l	#	94
42) 1,2-Dichloroethane	8.665	62	4258	1.111	ug/l		96
43) Isopropyl Acetate	8.683	43	17444	0.619	ug/l	#	75
44) Trichloroethene	9.353	130	3157	1.108	ug/l		87
45) 1,2-Dichloropropane	9.612	63	3063	1.041	ug/l	#	86

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086277.D
Acq On : 15 Apr 2025 11:29
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:54:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) Dibromomethane	9.706	93	1891	1.009 ug/l	91
47) Bromodichloromethane	9.888	83	4302	1.062 ug/l #	97
48) Methyl methacrylate	9.683	41	4185	1.206 ug/l	94
49) 1,4-Dioxane	9.688	88	1477	25.032 ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	21143	5.227 ug/l	98
52) Toluene	10.624	92	8120	1.083 ug/l	99
53) t-1,3-Dichloropropene	10.841	75	4663	1.032 ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	5497	1.107 ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	2967	1.099 ug/l	93
56) Ethyl methacrylate	10.871	69	5409	1.090 ug/l	90
57) 1,3-Dichloropropane	11.159	76	5091	1.063 ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	11885	5.048 ug/l	97
59) 2-Hexanone	11.194	43	15945	5.315 ug/l	98
60) Dibromochloromethane	11.353	129	3054	1.031 ug/l	96
61) 1,2-Dibromoethane	11.465	107	2908	1.068 ug/l	90
64) Tetrachloroethene	11.106	164	2864	1.090 ug/l	95
65) Chlorobenzene	11.882	112	8440	1.107 ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	2734	1.087 ug/l #	62
67) Ethyl Benzene	11.959	91	15099	1.097 ug/l	96
68) m/p-Xylenes	12.071	106	11055	2.144 ug/l	98
69) o-Xylene	12.394	106	5408	1.061 ug/l	97
70) Styrene	12.406	104	8925	1.051 ug/l	96
71) Bromoform	12.576	173	2089	1.103 ug/l #	80
73) Isopropylbenzene	12.694	105	13542	1.141 ug/l	98
74) N-amyl acetate	12.494	43	7807	1.321 ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	3910	1.145 ug/l	94
76) 1,2,3-Trichloropropane	12.988	75	4407m	1.293 ug/l	
77) Bromobenzene	12.982	156	2811	1.069 ug/l	90
78) n-propylbenzene	13.029	91	15576	1.113 ug/l	98
79) 2-Chlorotoluene	13.124	91	9804	1.120 ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	11029	1.135 ug/l	99
82) 4-Chlorotoluene	13.218	91	9589	1.103 ug/l	98
83) tert-Butylbenzene	13.435	119	9817	1.166 ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	10977	1.110 ug/l	96
85) sec-Butylbenzene	13.612	105	12920	1.106 ug/l	98
86) p-Isopropyltoluene	13.729	119	10458	1.086 ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	5415	1.095 ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	5636m	1.132 ug/l	
89) n-Butylbenzene	14.053	91	9315	1.092 ug/l	99
90) Hexachloroethane	14.329	117	1792	1.107 ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	5279	1.101 ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	679	0.987 ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	2387	1.040 ug/l	93
94) Hexachlorobutadiene	15.494	225	893	1.030 ug/l	78
95) Naphthalene	15.641	128	8743	1.074 ug/l	97
96) 1,2,3-Trichlorobenzene	15.829	180	2378	1.094 ug/l	91

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

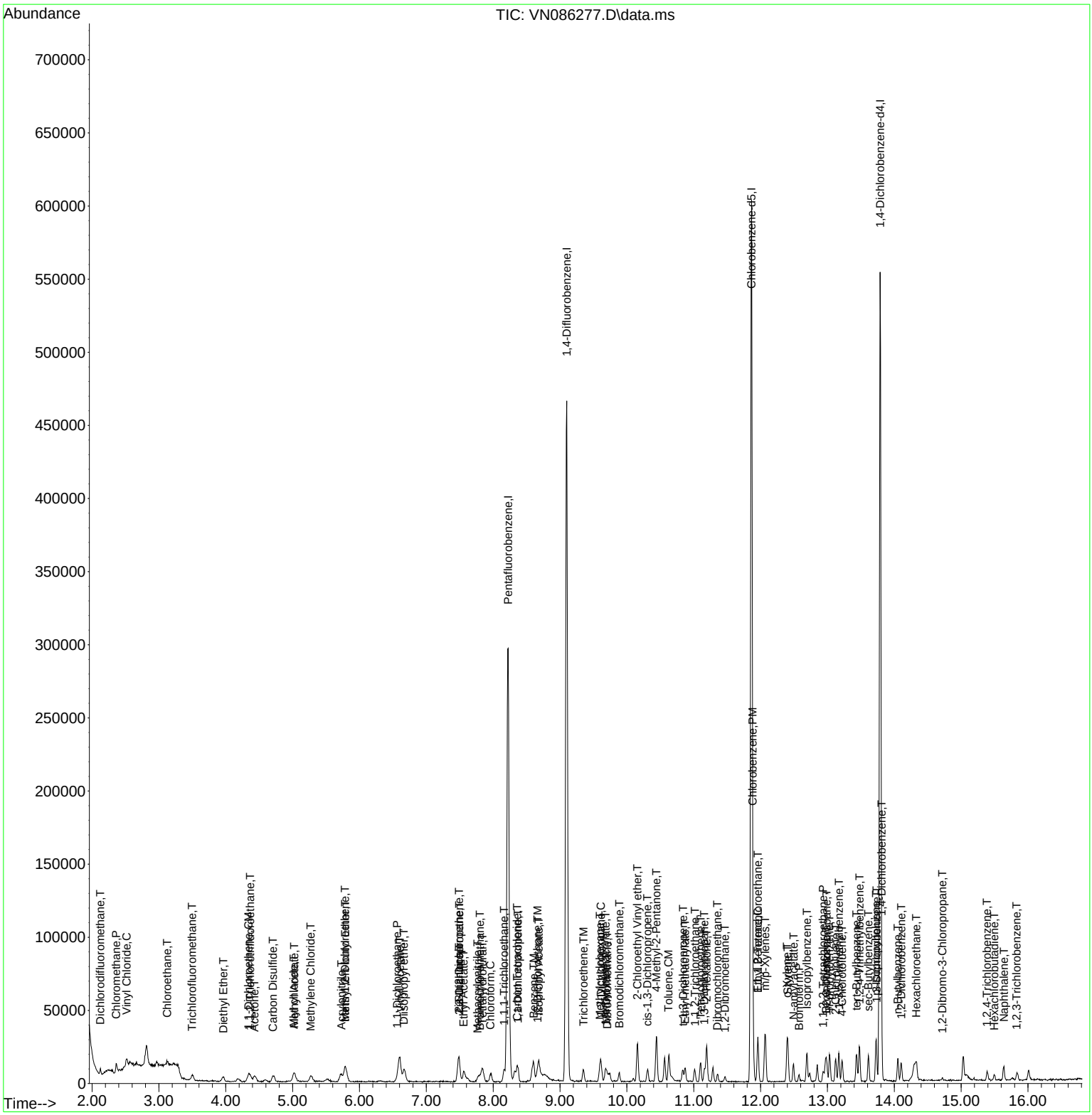
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086277.D
Acq On : 15 Apr 2025 11:29
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 16 03:54:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	234470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	436245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	375851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	17487	5.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.280%#		
35) Dibromofluoromethane	8.171	113	11660	5.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.520%#		
50) Toluene-d8	10.565	98	54403	5.028	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.060%#		
62) 4-Bromofluorobenzene	12.847	95	20034	5.076	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.160%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	13162	4.735	ug/l	95
3) Chloromethane	2.359	50	21191	5.246	ug/l	96
4) Vinyl Chloride	2.512	62	19342	5.018	ug/l	99
5) Bromomethane	2.948	94	8981	5.180	ug/l	91
6) Chloroethane	3.112	64	13592	5.268	ug/l	98
7) Trichlorofluoromethane	3.495	101	22304	5.223	ug/l	92
8) Diethyl Ether	3.959	74	9862	5.291	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	13633	5.278	ug/l	99
10) Methyl Iodide	4.589	142	14033	4.941	ug/l	94
11) Tert butyl alcohol	5.518	59	16966	27.348	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	14583	5.284	ug/l	94
13) Acrolein	4.177	56	14133	35.938	ug/l	91
14) Allyl chloride	5.018	41	25369	5.174	ug/l	98
15) Acrylonitrile	5.712	53	40960	26.709	ug/l	99
16) Acetone	4.430	43	33298	23.124	ug/l	100
17) Carbon Disulfide	4.712	76	43706	5.289	ug/l	98
18) Methyl Acetate	5.024	43	21384	5.239	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	53138	5.238	ug/l	92
20) Methylene Chloride	5.277	84	16566	5.270	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	15380	5.331	ug/l	98
22) Diisopropyl ether	6.665	45	55913	5.239	ug/l #	98
23) Vinyl Acetate	6.600	43	205955m	27.614	ug/l	
24) 1,1-Dichloroethane	6.559	63	29865	5.304	ug/l	99
25) 2-Butanone	7.483	43	55470	26.210	ug/l	100
26) 2,2-Dichloropropane	7.488	77	27048	5.365	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	18982	5.301	ug/l	97
28) Bromochloromethane	7.806	49	14246	5.967	ug/l	95
29) Tetrahydrofuran	7.841	42	37437	26.453	ug/l	99
30) Chloroform	7.965	83	28901	5.225	ug/l	98
31) Cyclohexane	8.253	56	33730	6.122	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	25387	5.365	ug/l	89
36) 1,1-Dichloropropene	8.371	75	21310	5.270	ug/l	100
37) Ethyl Acetate	7.559	43	22206	5.216	ug/l	99
38) Carbon Tetrachloride	8.359	117	20544	5.335	ug/l	92
39) Methylcyclohexane	9.594	83	25242	5.251	ug/l	99
40) Benzene	8.600	78	67406	5.202	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	12454	5.047	ug/l		95
42) 1,2-Dichloroethane	8.671	62	21638	5.237	ug/l		100
43) Isopropyl Acetate	8.682	43	55105	5.444	ug/l	#	90
44) Trichloroethene	9.353	130	15562	5.067	ug/l		95
45) 1,2-Dichloropropane	9.618	63	16719	5.272	ug/l		94
46) Dibromomethane	9.706	93	10633	5.262	ug/l		97
47) Bromodichloromethane	9.888	83	23118	5.297	ug/l		95
48) Methyl methacrylate	9.682	41	19018	5.087	ug/l		98
49) 1,4-Dioxane	9.688	88	6722	105.699	ug/l		97
51) 4-Methyl-2-Pentanone	10.441	43	113773	26.097	ug/l		100
52) Toluene	10.624	92	42032	5.199	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	25020	5.136	ug/l		99
54) cis-1,3-Dichloropropene	10.306	75	27737	5.183	ug/l		95
55) 1,1,2-Trichloroethane	11.018	97	15559	5.349	ug/l		98
56) Ethyl methacrylate	10.871	69	28102	5.256	ug/l		97
57) 1,3-Dichloropropane	11.159	76	26905	5.213	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.153	63	77113	30.387	ug/l		100
59) 2-Hexanone	11.194	43	84443	26.113	ug/l		99
60) Dibromochloromethane	11.359	129	16611	5.201	ug/l		100
61) 1,2-Dibromoethane	11.471	107	14929	5.087	ug/l		97
64) Tetrachloroethene	11.100	164	14998	5.188	ug/l		96
65) Chlorobenzene	11.888	112	44164	5.265	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	14896	5.383	ug/l		98
67) Ethyl Benzene	11.959	91	79376	5.244	ug/l		97
68) m/p-Xylenes	12.071	106	59758	10.537	ug/l		99
69) o-Xylene	12.394	106	29751	5.305	ug/l		98
70) Styrene	12.406	104	48407	5.180	ug/l		99
71) Bromoform	12.576	173	11065	5.311	ug/l	#	97
73) Isopropylbenzene	12.694	105	71658	5.221	ug/l		100
74) N-amyl acetate	12.488	43	35409	5.182	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	21720	5.503	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	19196m	4.870	ug/l		
77) Bromobenzene	12.976	156	15681	5.156	ug/l		93
78) n-propylbenzene	13.035	91	85101	5.261	ug/l		99
79) 2-Chlorotoluene	13.123	91	54490	5.384	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	59035	5.255	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	8832m	5.357	ug/l		
82) 4-Chlorotoluene	13.217	91	52887	5.260	ug/l		99
83) tert-Butylbenzene	13.435	119	51302	5.270	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	61145	5.347	ug/l		98
85) sec-Butylbenzene	13.612	105	72305	5.355	ug/l		99
86) p-Isopropyltoluene	13.723	119	58514	5.258	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	30570	5.347	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	30447	5.287	ug/l		94
89) n-Butylbenzene	14.053	91	50562	5.126	ug/l		99
90) Hexachloroethane	14.329	117	9832	5.252	ug/l		97
91) 1,2-Dichlorobenzene	14.100	146	30546	5.511	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4593	5.772	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	14506	5.465	ug/l		99
94) Hexachlorobutadiene	15.500	225	5680	5.669	ug/l		97
95) Naphthalene	15.641	128	49586	5.270	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	13599	5.412	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

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

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

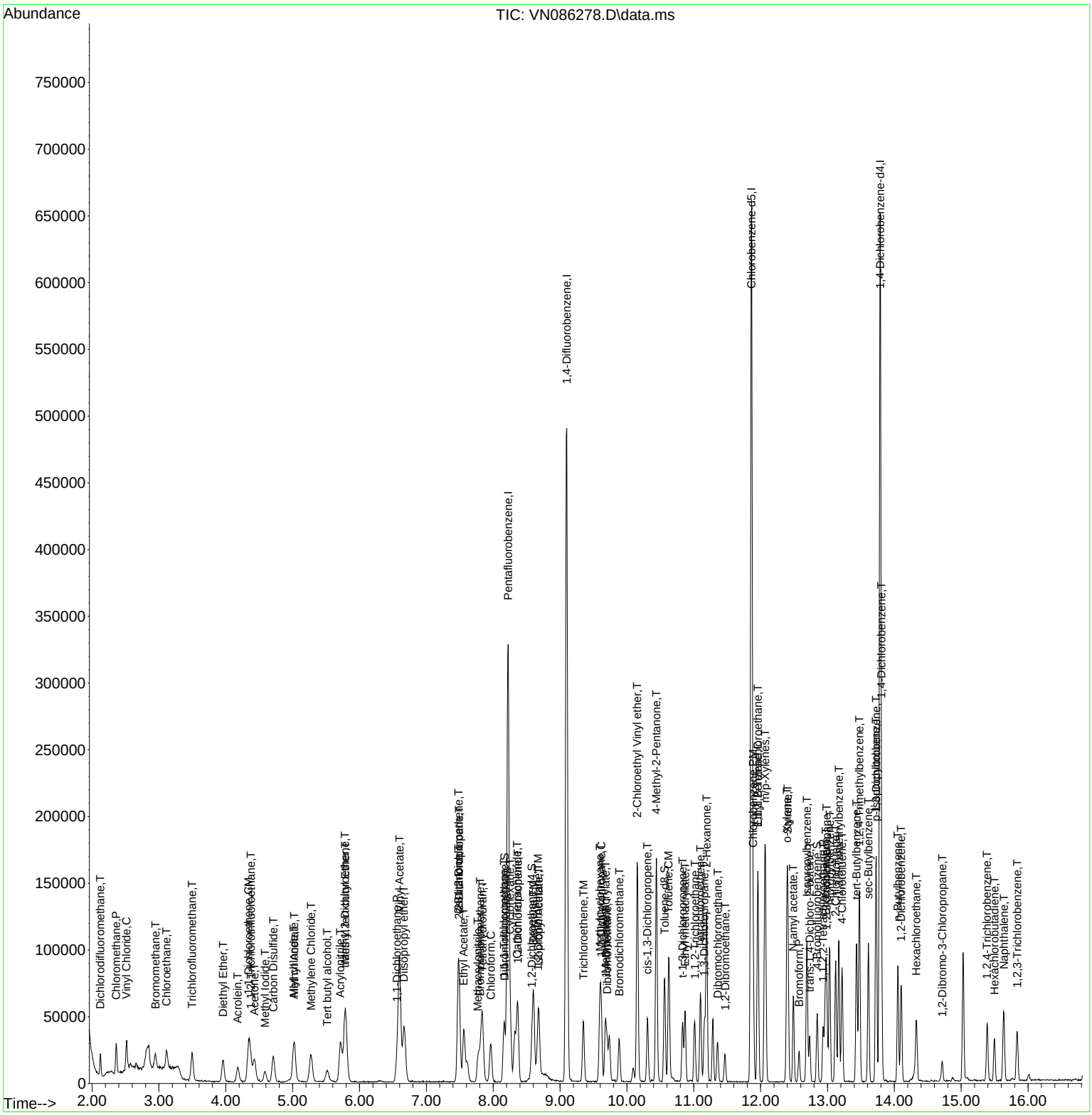
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	253576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	468933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	37770	10.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.540%#		
35) Dibromofluoromethane	8.159	113	23907	10.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.960%#		
50) Toluene-d8	10.565	98	120121	10.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.660%#		
62) 4-Bromofluorobenzene	12.847	95	42791	10.086	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	20.180%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	29521	9.821	ug/l	96
3) Chloromethane	2.359	50	39728	9.094	ug/l	94
4) Vinyl Chloride	2.518	62	39819	9.551	ug/l	99
5) Bromomethane	2.965	94	18776	10.013	ug/l	87
6) Chloroethane	3.124	64	26337	9.439	ug/l	92
7) Trichlorofluoromethane	3.506	101	43539	9.428	ug/l	99
8) Diethyl Ether	3.959	74	19000	9.425	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	26478	9.478	ug/l	99
10) Methyl Iodide	4.589	142	28586	9.308	ug/l	98
11) Tert butyl alcohol	5.506	59	34343	51.188	ug/l	99
12) 1,1-Dichloroethene	4.342	96	28022	9.389	ug/l	90
13) Acrolein	4.183	56	17703	44.165	ug/l	99
14) Allyl chloride	5.024	41	48555m	9.157	ug/l	
15) Acrylonitrile	5.718	53	78184	47.141	ug/l	97
16) Acetone	4.430	43	63789	45.485	ug/l	99
17) Carbon Disulfide	4.712	76	81234	9.090	ug/l	99
18) Methyl Acetate	5.024	43	41546	9.413	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	102069	9.304	ug/l	95
20) Methylene Chloride	5.277	84	31218	9.183	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	28271	9.060	ug/l	99
22) Diisopropyl ether	6.671	45	106867	9.259	ug/l	97
23) Vinyl Acetate	6.600	43	386388	47.903	ug/l	100
24) 1,1-Dichloroethane	6.571	63	56906	9.345	ug/l	96
25) 2-Butanone	7.477	43	106429	46.500	ug/l	98
26) 2,2-Dichloropropane	7.488	77	51934	9.525	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	35180	9.084	ug/l	99
28) Bromochloromethane	7.806	49	22094	8.557	ug/l	98
29) Tetrahydrofuran	7.835	42	72642	47.462	ug/l	100
30) Chloroform	7.965	83	56896	9.511	ug/l	95
31) Cyclohexane	8.253	56	57797	9.699	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	48313	9.441	ug/l	93
36) 1,1-Dichloropropene	8.371	75	39999	9.202	ug/l	98
37) Ethyl Acetate	7.559	43	42951	9.385	ug/l	99
38) Carbon Tetrachloride	8.359	117	38345	9.263	ug/l	99
39) Methylcyclohexane	9.594	83	48076	9.305	ug/l	98
40) Benzene	8.606	78	130256	9.352	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	26058	9.824	ug/l		98
42) 1,2-Dichloroethane	8.671	62	41980	9.452	ug/l		100
43) Isopropyl Acetate	8.682	43	90916	9.381	ug/l		95
44) Trichloroethene	9.347	130	31281	9.476	ug/l		94
45) 1,2-Dichloropropane	9.618	63	33270	9.759	ug/l		98
46) Dibromomethane	9.706	93	20677	9.519	ug/l		97
47) Bromodichloromethane	9.882	83	44773	9.543	ug/l		97
48) Methyl methacrylate	9.676	41	37900	9.430	ug/l		98
49) 1,4-Dioxane	9.688	88	13198	193.063	ug/l		99
51) 4-Methyl-2-Pentanone	10.441	43	224548	47.916	ug/l		98
52) Toluene	10.623	92	81084	9.330	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	49510	9.454	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	54411	9.459	ug/l		97
55) 1,1,2-Trichloroethane	11.012	97	29512	9.439	ug/l		93
56) Ethyl methacrylate	10.871	69	54203	9.431	ug/l		98
57) 1,3-Dichloropropane	11.159	76	53151	9.581	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	113279	41.526	ug/l		99
59) 2-Hexanone	11.194	43	166643	47.941	ug/l		100
60) Dibromochloromethane	11.353	129	33195	9.668	ug/l		98
61) 1,2-Dibromoethane	11.465	107	29886	9.473	ug/l		99
64) Tetrachloroethene	11.100	164	29467	9.321	ug/l		99
65) Chlorobenzene	11.888	112	86997	9.485	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	28657	9.471	ug/l		97
67) Ethyl Benzene	11.959	91	153929	9.300	ug/l		99
68) m/p-Xylenes	12.065	106	115926	18.692	ug/l		99
69) o-Xylene	12.394	106	58314	9.508	ug/l		99
70) Styrene	12.406	104	95045	9.301	ug/l		100
71) Bromoform	12.576	173	21240	9.323	ug/l	#	100
73) Isopropylbenzene	12.694	105	142461	9.757	ug/l		100
74) N-amyl acetate	12.488	43	67074	9.228	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	42167	10.045	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	41148m	9.813	ug/l		
77) Bromobenzene	12.976	156	32305	9.986	ug/l		99
78) n-propylbenzene	13.035	91	165250	9.605	ug/l		99
79) 2-Chlorotoluene	13.123	91	103789	9.641	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	113458	9.494	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	17595	10.033	ug/l		92
82) 4-Chlorotoluene	13.217	91	101784	9.518	ug/l		99
83) tert-Butylbenzene	13.435	119	99779	9.636	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	116448	9.573	ug/l		99
85) sec-Butylbenzene	13.612	105	139108	9.686	ug/l		99
86) p-Isopropyltoluene	13.729	119	113316	9.572	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	57753	9.497	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	57656	9.412	ug/l		98
89) n-Butylbenzene	14.053	91	98010	9.340	ug/l		99
90) Hexachloroethane	14.329	117	18922	9.503	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	55856	9.473	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8165	9.646	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	26050	9.227	ug/l		99
94) Hexachlorobutadiene	15.494	225	10205	9.575	ug/l		97
95) Naphthalene	15.635	128	92844	9.277	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	24879	9.308	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

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

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

ICAL Form

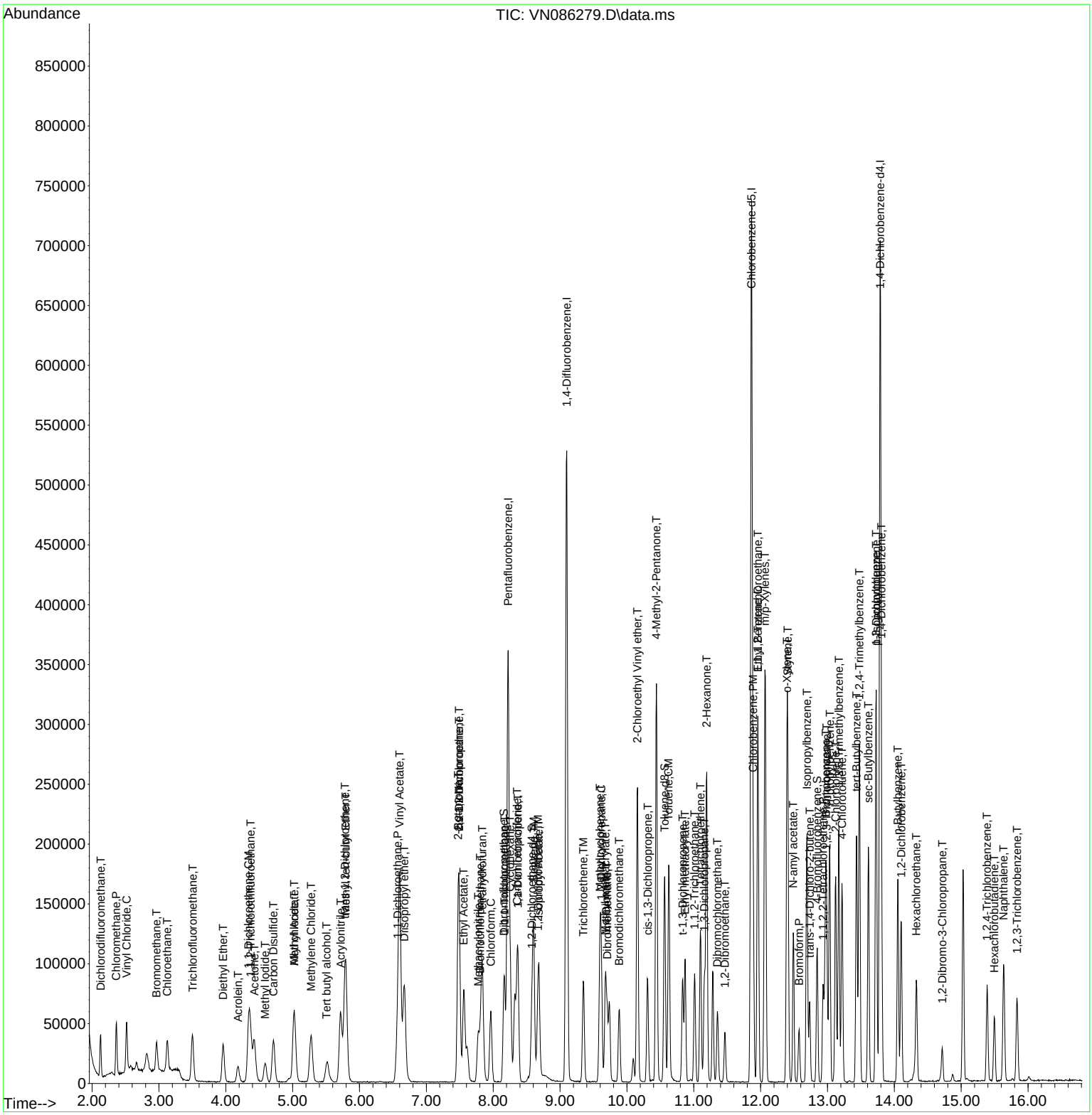
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	217195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	404366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	61458	19.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.020%#		
35) Dibromofluoromethane	8.165	113	37195	19.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.640%#		
50) Toluene-d8	10.565	98	191691	19.112	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.220%#		
62) 4-Bromofluorobenzene	12.847	95	68030	18.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	37.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	54177	21.042	ug/l	99
3) Chloromethane	2.359	50	71193	19.026	ug/l	98
4) Vinyl Chloride	2.518	62	73472	20.576	ug/l	99
5) Bromomethane	2.959	94	34343	21.382	ug/l	98
6) Chloroethane	3.124	64	47157	19.732	ug/l	99
7) Trichlorofluoromethane	3.501	101	80568	20.369	ug/l	98
8) Diethyl Ether	3.959	74	36034	20.868	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	49252	20.584	ug/l	99
10) Methyl Iodide	4.589	142	55289	21.017	ug/l	99
11) Tert butyl alcohol	5.512	59	61718	107.400	ug/l	97
12) 1,1-Dichloroethene	4.348	96	51127	20.000	ug/l	98
13) Acrolein	4.183	56	28121	95.627	ug/l	99
14) Allyl chloride	5.024	41	89076	19.612	ug/l	99
15) Acrylonitrile	5.712	53	148850	104.781	ug/l	100
16) Acetone	4.424	43	122726	109.479	ug/l	98
17) Carbon Disulfide	4.712	76	149518	19.534	ug/l	100
18) Methyl Acetate	5.024	43	75070	19.857	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	191056	20.332	ug/l	97
20) Methylene Chloride	5.277	84	58230	19.999	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	53894	20.165	ug/l	99
22) Diisopropyl ether	6.671	45	196831	19.911	ug/l	98
23) Vinyl Acetate	6.600	43	713534m	103.278	ug/l	
24) 1,1-Dichloroethane	6.565	63	104777	20.087	ug/l	99
25) 2-Butanone	7.477	43	202298	103.191	ug/l	99
26) 2,2-Dichloropropane	7.489	77	94147	20.159	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	66347	20.001	ug/l	99
28) Bromochloromethane	7.812	49	40391	18.263	ug/l	100
29) Tetrahydrofuran	7.836	42	136348	104.008	ug/l	99
30) Chloroform	7.965	83	103881	20.274	ug/l	100
31) Cyclohexane	8.253	56	101546	19.895	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	89173	20.344	ug/l	97
36) 1,1-Dichloropropene	8.365	75	75426	20.122	ug/l	99
37) Ethyl Acetate	7.553	43	79383	20.115	ug/l	99
38) Carbon Tetrachloride	8.359	117	72704	20.367	ug/l	99
39) Methylcyclohexane	9.594	83	88728	19.915	ug/l	98
40) Benzene	8.600	78	243918	20.310	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	45760	20.007	ug/l		100
42) 1,2-Dichloroethane	8.665	62	77932	20.348	ug/l		100
43) Isopropyl Acetate	8.683	43	157753	20.921	ug/l		99
44) Trichloroethene	9.353	130	56926	19.998	ug/l		99
45) 1,2-Dichloropropane	9.618	63	59599	20.273	ug/l		98
46) Dibromomethane	9.706	93	38601	20.608	ug/l		98
47) Bromodichloromethane	9.888	83	82517	20.397	ug/l		98
48) Methyl methacrylate	9.677	41	69986	20.195	ug/l		99
49) 1,4-Dioxane	9.694	88	24362	413.277	ug/l		98
51) 4-Methyl-2-Pentanone	10.441	43	421471	104.297	ug/l		100
52) Toluene	10.630	92	152248	20.317	ug/l		99
53) t-1,3-Dichloropropene	10.830	75	92441	20.470	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	100415	20.245	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	53630	19.891	ug/l		97
56) Ethyl methacrylate	10.871	69	100712	20.321	ug/l		99
57) 1,3-Dichloropropane	11.159	76	97363	20.353	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	222766	94.702	ug/l		100
59) 2-Hexanone	11.194	43	309954	103.408	ug/l		100
60) Dibromochloromethane	11.359	129	60596	20.467	ug/l		100
61) 1,2-Dibromoethane	11.465	107	56679	20.834	ug/l		99
64) Tetrachloroethene	11.100	164	55481	20.282	ug/l		97
65) Chlorobenzene	11.888	112	158917	20.024	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	52389	20.010	ug/l		98
67) Ethyl Benzene	11.959	91	288483	20.144	ug/l		99
68) m/p-Xylenes	12.071	106	215301	40.122	ug/l		99
69) o-Xylene	12.394	106	107161	20.193	ug/l		99
70) Styrene	12.406	104	177099	20.029	ug/l		99
71) Bromoform	12.576	173	39697	20.138	ug/l	#	98
73) Isopropylbenzene	12.694	105	264607	20.443	ug/l		99
74) N-amyl acetate	12.488	43	126575	19.643	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	76740	20.620	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	74829m	20.130	ug/l		
77) Bromobenzene	12.976	156	59889	20.882	ug/l		99
78) n-propylbenzene	13.029	91	307737	20.176	ug/l		100
79) 2-Chlorotoluene	13.124	91	193569	20.281	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	216364	20.423	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	31256m	20.104	ug/l		
82) 4-Chlorotoluene	13.218	91	192849	20.341	ug/l		99
83) tert-Butylbenzene	13.435	119	182683	19.901	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	217135	20.135	ug/l		100
85) sec-Butylbenzene	13.612	105	252593	19.838	ug/l		99
86) p-Isopropyltoluene	13.723	119	208256	19.844	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	107491	19.938	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	108412	19.964	ug/l		99
89) n-Butylbenzene	14.053	91	184852	19.871	ug/l		99
90) Hexachloroethane	14.329	117	35250	19.968	ug/l		95
91) 1,2-Dichlorobenzene	14.100	146	104185	19.932	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15863	21.139	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	50179	20.048	ug/l		99
94) Hexachlorobutadiene	15.494	225	19024	20.135	ug/l		99
95) Naphthalene	15.635	128	183816	20.717	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	47425	20.013	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

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

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

ICAL Form

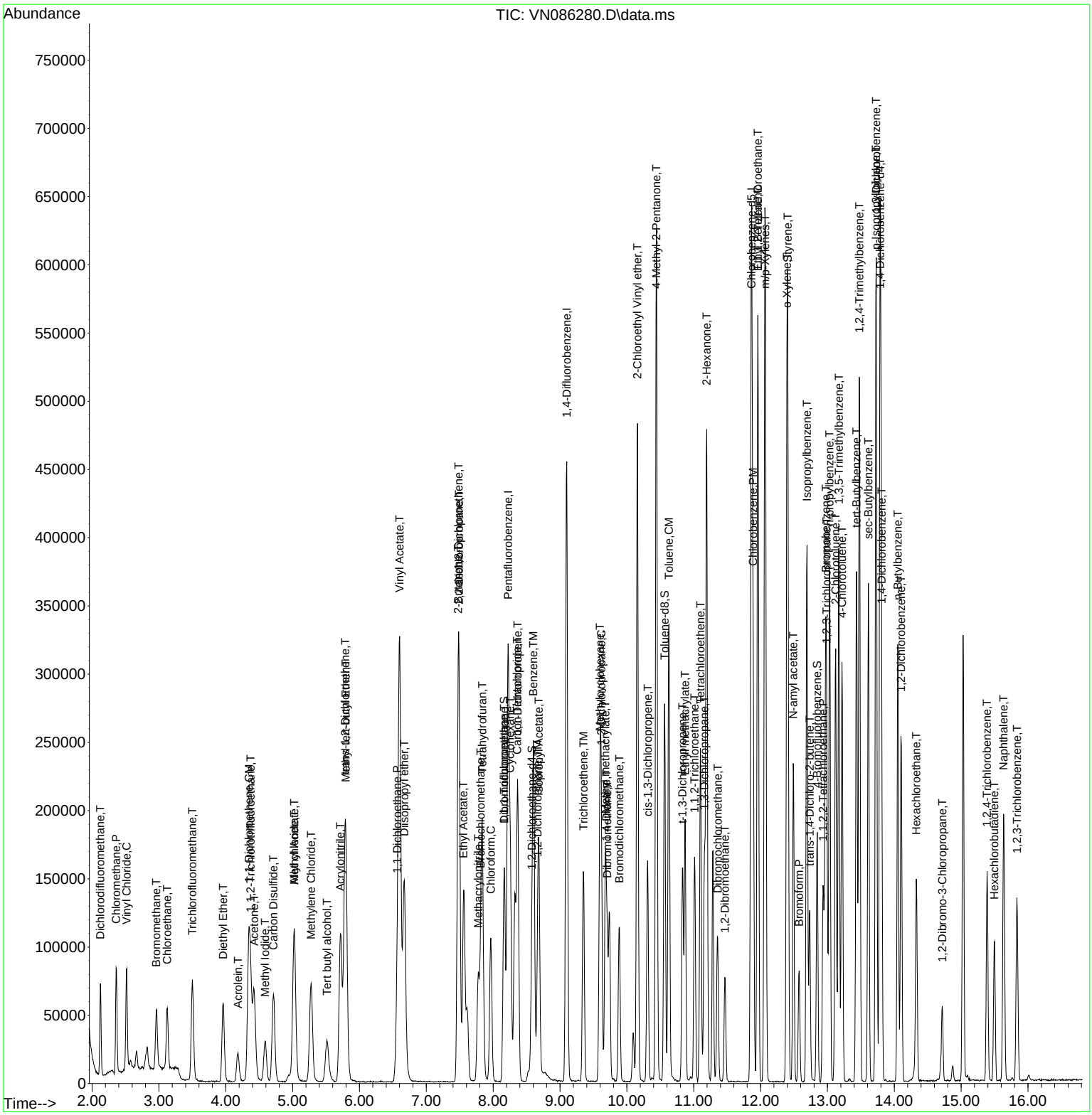
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	223468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	413969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160758	49.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.220%			
35) Dibromofluoromethane	8.165	113	88836	46.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.480%			
50) Toluene-d8	10.565	98	517785	50.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.847	95	190049	50.744	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	132017	49.836	ug/l	100
3) Chloromethane	2.359	50	168565	43.783	ug/l	100
4) Vinyl Chloride	2.518	62	176686	48.092	ug/l	100
5) Bromomethane	2.953	94	79546	48.135	ug/l	100
6) Chloroethane	3.118	64	111725	45.437	ug/l	100
7) Trichlorofluoromethane	3.501	101	192876	47.395	ug/l	100
8) Diethyl Ether	3.959	74	83664	47.092	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	117478	47.719	ug/l	100
10) Methyl Iodide	4.589	142	133779	49.427	ug/l	100
11) Tert butyl alcohol	5.512	59	138743	234.659	ug/l	100
12) 1,1-Dichloroethene	4.342	96	123106	46.805	ug/l	100
13) Acrolein	4.177	56	68075	246.717	ug/l	100
14) Allyl chloride	5.024	41	207525	44.409	ug/l	100
15) Acrylonitrile	5.712	53	354632	242.632	ug/l	100
16) Acetone	4.424	43	280935	250.761	ug/l	100
17) Carbon Disulfide	4.712	76	348133	44.205	ug/l	100
18) Methyl Acetate	5.018	43	174600	44.886	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	449127	46.453	ug/l	100
20) Methylene Chloride	5.271	84	138293	46.163	ug/l	100
21) trans-1,2-Dichloroethene	5.789	96	128404	46.696	ug/l	100
22) Diisopropyl ether	6.665	45	471385	46.345	ug/l	100
23) Vinyl Acetate	6.600	43	1657348	233.153	ug/l	100
24) 1,1-Dichloroethane	6.565	63	253896	47.310	ug/l	100
25) 2-Butanone	7.477	43	475281	235.633	ug/l	100
26) 2,2-Dichloropropane	7.483	77	219735	45.729	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	159460	46.722	ug/l	100
28) Bromochloromethane	7.806	49	110726	48.660	ug/l	100
29) Tetrahydrofuran	7.836	42	313920	232.739	ug/l	100
30) Chloroform	7.965	83	246843	46.823	ug/l	100
31) Cyclohexane	8.253	56	238117	45.343	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	212021	47.013	ug/l	100
36) 1,1-Dichloropropene	8.365	75	183246	47.752	ug/l	100
37) Ethyl Acetate	7.553	43	184834	45.750	ug/l	100
38) Carbon Tetrachloride	8.359	117	175094	47.912	ug/l	100
39) Methylcyclohexane	9.594	83	216725	47.515	ug/l	100
40) Benzene	8.600	78	583316	47.443	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.771	41	109214	46.643 ug/l		100
42) 1,2-Dichloroethane	8.665	62	183854	46.892 ug/l		100
43) Isopropyl Acetate	8.683	43	358327	49.550 ug/l		100
44) Trichloroethene	9.347	130	139993	48.039 ug/l		100
45) 1,2-Dichloropropane	9.618	63	144496	48.011 ug/l		100
46) Dibromomethane	9.706	93	93965	49.002 ug/l		100
47) Bromodichloromethane	9.882	83	196793	47.516 ug/l		100
48) Methyl methacrylate	9.677	41	163719	46.146 ug/l		100
49) 1,4-Dioxane	9.694	88	53851	892.337 ug/l		100
51) 4-Methyl-2-Pentanone	10.441	43	1000994	241.959 ug/l		100
52) Toluene	10.629	92	369349	48.144 ug/l		100
53) t-1,3-Dichloropropene	10.829	75	226518	48.996 ug/l		100
54) cis-1,3-Dichloropropene	10.306	75	238764	47.021 ug/l		100
55) 1,1,2-Trichloroethane	11.012	97	131721	47.721 ug/l		100
56) Ethyl methacrylate	10.871	69	239654	47.235 ug/l		100
57) 1,3-Dichloropropane	11.159	76	233548	47.689 ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	594475	246.859 ug/l		100
59) 2-Hexanone	11.194	43	734660	239.414 ug/l		100
60) Dibromochloromethane	11.359	129	146318	48.274 ug/l		100
61) 1,2-Dibromoethane	11.465	107	134281	48.213 ug/l		100
64) Tetrachloroethene	11.100	164	136116	48.177 ug/l		100
65) Chlorobenzene	11.888	112	385849	47.072 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	127627	47.197 ug/l		100
67) Ethyl Benzene	11.959	91	704474	47.627 ug/l		100
68) m/p-Xylenes	12.065	106	533742	96.302 ug/l		100
69) o-Xylene	12.394	106	261904	47.783 ug/l		100
70) Styrene	12.406	104	447486	48.998 ug/l		100
71) Bromoform	12.576	173	95822	47.065 ug/l	#	100
73) Isopropylbenzene	12.694	105	647490	45.568 ug/l		100
74) N-amyl acetate	12.488	43	308916	43.670 ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.935	83	179865	44.025 ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	181010m	44.357 ug/l		
77) Bromobenzene	12.976	156	147720	46.919 ug/l		100
78) n-propylbenzene	13.035	91	779530	46.556 ug/l		100
79) 2-Chlorotoluene	13.123	91	479235	45.740 ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	535465	46.042 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	80078m	46.919 ug/l		
82) 4-Chlorotoluene	13.218	91	488049	46.893 ug/l		100
83) tert-Butylbenzene	13.435	119	452999	44.954 ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	550727	46.521 ug/l		100
85) sec-Butylbenzene	13.612	105	653679	46.767 ug/l		100
86) p-Isopropyltoluene	13.723	119	548528	47.611 ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	279645	47.249 ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	280378	47.032 ug/l		100
89) n-Butylbenzene	14.053	91	492941	48.271 ug/l		100
90) Hexachloroethane	14.329	117	90009	46.447 ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	270731	47.181 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38625	46.887 ug/l		100
93) 1,2,4-Trichlorobenzene	15.388	180	132919	48.375 ug/l		100
94) Hexachlorobutadiene	15.500	225	48694	46.947 ug/l		100
95) Naphthalene	15.635	128	464685	47.708 ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	122910	47.249 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

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

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

ICAL Form

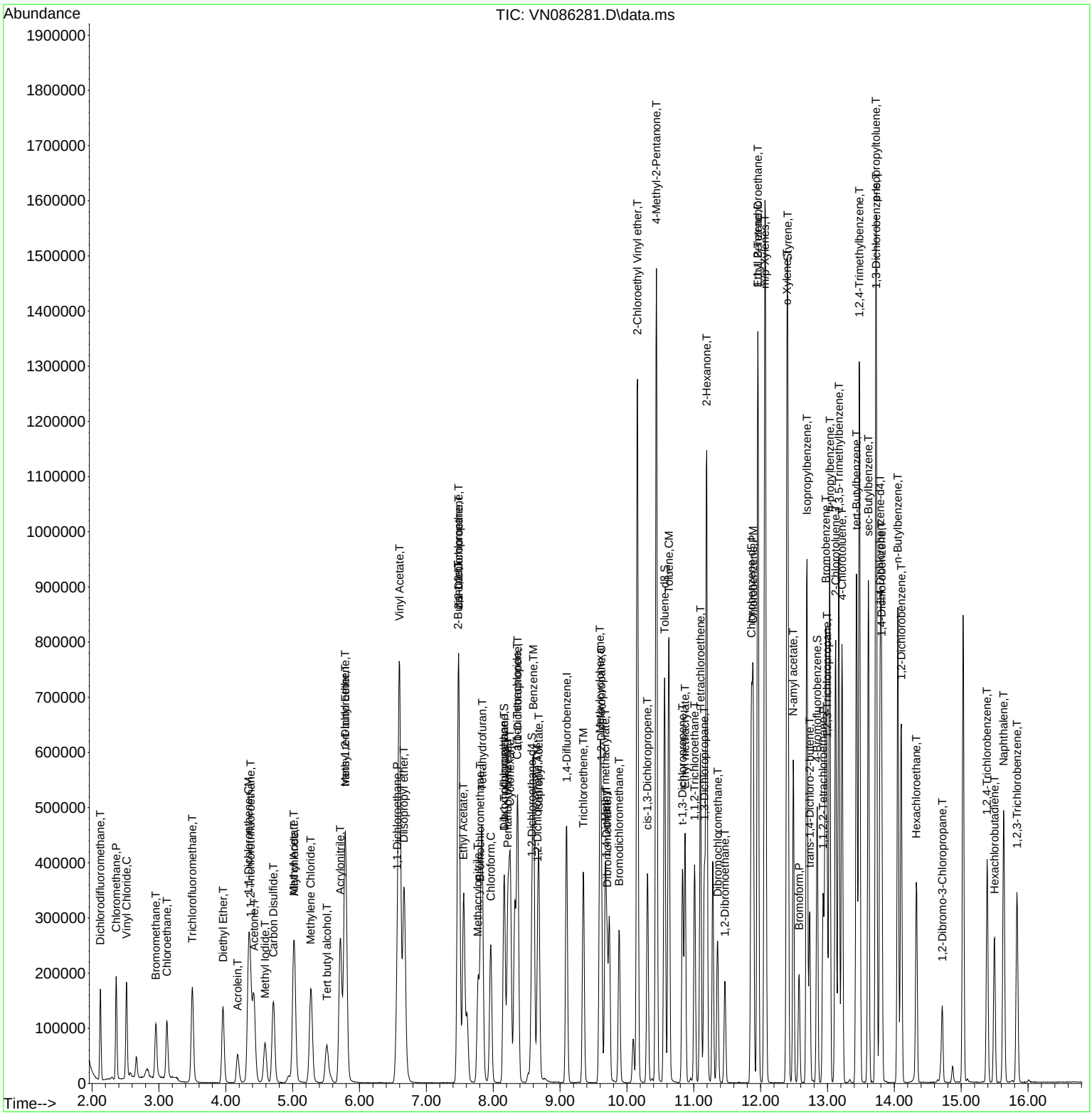
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	228089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	422902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	322920	97.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 195.260%#			
35) Dibromofluoromethane	8.165	113	163696	83.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 166.800%#			
50) Toluene-d8	10.565	98	1046538	99.767	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.540%#			
62) 4-Bromofluorobenzene	12.847	95	394671	103.153	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 206.300%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	270450	100.025	ug/l	100
3) Chloromethane	2.359	50	362586	92.270	ug/l	99
4) Vinyl Chloride	2.512	62	359654	95.910	ug/l	99
5) Bromomethane	2.930	94	157044	93.105	ug/l	99
6) Chloroethane	3.106	64	232218	92.528	ug/l	98
7) Trichlorofluoromethane	3.494	101	398967	96.050	ug/l	97
8) Diethyl Ether	3.959	74	172130	94.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	242697	96.585	ug/l	99
10) Methyl Iodide	4.583	142	287740	104.156	ug/l	99
11) Tert butyl alcohol	5.518	59	262412	434.831	ug/l	99
12) 1,1-Dichloroethene	4.336	96	254035	94.627	ug/l	97
13) Acrolein	4.171	56	137131	502.553	ug/l	97
14) Allyl chloride	5.018	41	435112	91.225	ug/l	98
15) Acrylonitrile	5.712	53	713644	478.368	ug/l	99
16) Acetone	4.424	43	563323	498.290	ug/l	99
17) Carbon Disulfide	4.712	76	685619	85.294	ug/l	99
18) Methyl Acetate	5.018	43	374831	94.410	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	918634	93.089	ug/l	99
20) Methylene Chloride	5.271	84	286733	93.774	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	264504	94.241	ug/l	100
22) Diisopropyl ether	6.665	45	970652	93.497	ug/l	99
23) Vinyl Acetate	6.600	43	3184505	438.915	ug/l	99
24) 1,1-Dichloroethane	6.565	63	525385	95.914	ug/l	100
25) 2-Butanone	7.477	43	958217	465.437	ug/l	99
26) 2,2-Dichloropropane	7.488	77	470852	96.005	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	328329	94.252	ug/l	100
28) Bromochloromethane	7.812	49	230762	99.357	ug/l	99
29) Tetrahydrofuran	7.835	42	623822	453.130	ug/l	100
30) Chloroform	7.959	83	503712	93.611	ug/l	100
31) Cyclohexane	8.253	56	484648	90.418	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	432964	94.058	ug/l	97
36) 1,1-Dichloropropene	8.365	75	378663	96.591	ug/l	100
37) Ethyl Acetate	7.553	43	371298	89.962	ug/l	100
38) Carbon Tetrachloride	8.359	117	360081	96.450	ug/l	99
39) Methylcyclohexane	9.600	83	448842	96.325	ug/l	98
40) Benzene	8.600	78	1193479	95.020	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	219337	91.695	ug/l		100
42) 1,2-Dichloroethane	8.665	62	377081	94.143	ug/l		99
43) Isopropyl Acetate	8.682	43	704184	100.085	ug/l		100
44) Trichloroethene	9.347	130	288832	97.020	ug/l		98
45) 1,2-Dichloropropane	9.618	63	293625	95.501	ug/l		99
46) Dibromomethane	9.706	93	191324	97.667	ug/l		100
47) Bromodichloromethane	9.882	83	403514	95.372	ug/l		97
48) Methyl methacrylate	9.676	41	326384	90.052	ug/l		98
49) 1,4-Dioxane	9.688	88	98711	1601.137	ug/l		98
51) 4-Methyl-2-Pentanone	10.441	43	1989761	470.803	ug/l		99
52) Toluene	10.629	92	757019	96.592	ug/l		100
53) t-1,3-Dichloropropene	10.829	75	468739	99.248	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	496721	95.755	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	264481	93.795	ug/l		97
56) Ethyl methacrylate	10.870	69	494791	95.461	ug/l		100
57) 1,3-Dichloropropane	11.159	76	482562	96.455	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	1242387	505.011	ug/l		99
59) 2-Hexanone	11.194	43	1476474	470.996	ug/l		100
60) Dibromochloromethane	11.359	129	301498	97.371	ug/l		100
61) 1,2-Dibromoethane	11.465	107	273587	96.156	ug/l		100
64) Tetrachloroethene	11.100	164	281669	96.294	ug/l		97
65) Chlorobenzene	11.888	112	805194	94.881	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	264532	94.488	ug/l		100
67) Ethyl Benzene	11.959	91	1476238	96.398	ug/l		100
68) m/p-Xylenes	12.070	106	1117098	194.681	ug/l		98
69) o-Xylene	12.394	106	546019	96.221	ug/l		99
70) Styrene	12.406	104	947293	100.188	ug/l		100
71) Bromoform	12.576	173	201110	95.410	ug/l	#	99
73) Isopropylbenzene	12.694	105	1351009	90.597	ug/l		100
74) N-amyl acetate	12.488	43	641647	86.431	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	359278	83.793	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	379247m	88.555	ug/l		
77) Bromobenzene	12.976	156	303696	91.913	ug/l		98
78) n-propylbenzene	13.035	91	1640989	93.386	ug/l		99
79) 2-Chlorotoluene	13.123	91	1000943	91.031	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	1125981	92.254	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	175887m	98.197	ug/l		
82) 4-Chlorotoluene	13.217	91	1025113	93.852	ug/l		99
83) tert-Butylbenzene	13.435	119	975268	92.219	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	1150791	92.628	ug/l		100
85) sec-Butylbenzene	13.611	105	1359583	92.684	ug/l		99
86) p-Isopropyltoluene	13.723	119	1161224	96.040	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	586366	94.402	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	582329	93.077	ug/l		100
89) n-Butylbenzene	14.053	91	1061099	99.009	ug/l		99
90) Hexachloroethane	14.329	117	196292	96.516	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	547527	90.920	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	77795	89.984	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	281040	97.461	ug/l		100
94) Hexachlorobutadiene	15.500	225	101506	93.251	ug/l		99
95) Naphthalene	15.635	128	975079	95.390	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	258567	94.712	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

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

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

ICAL Form

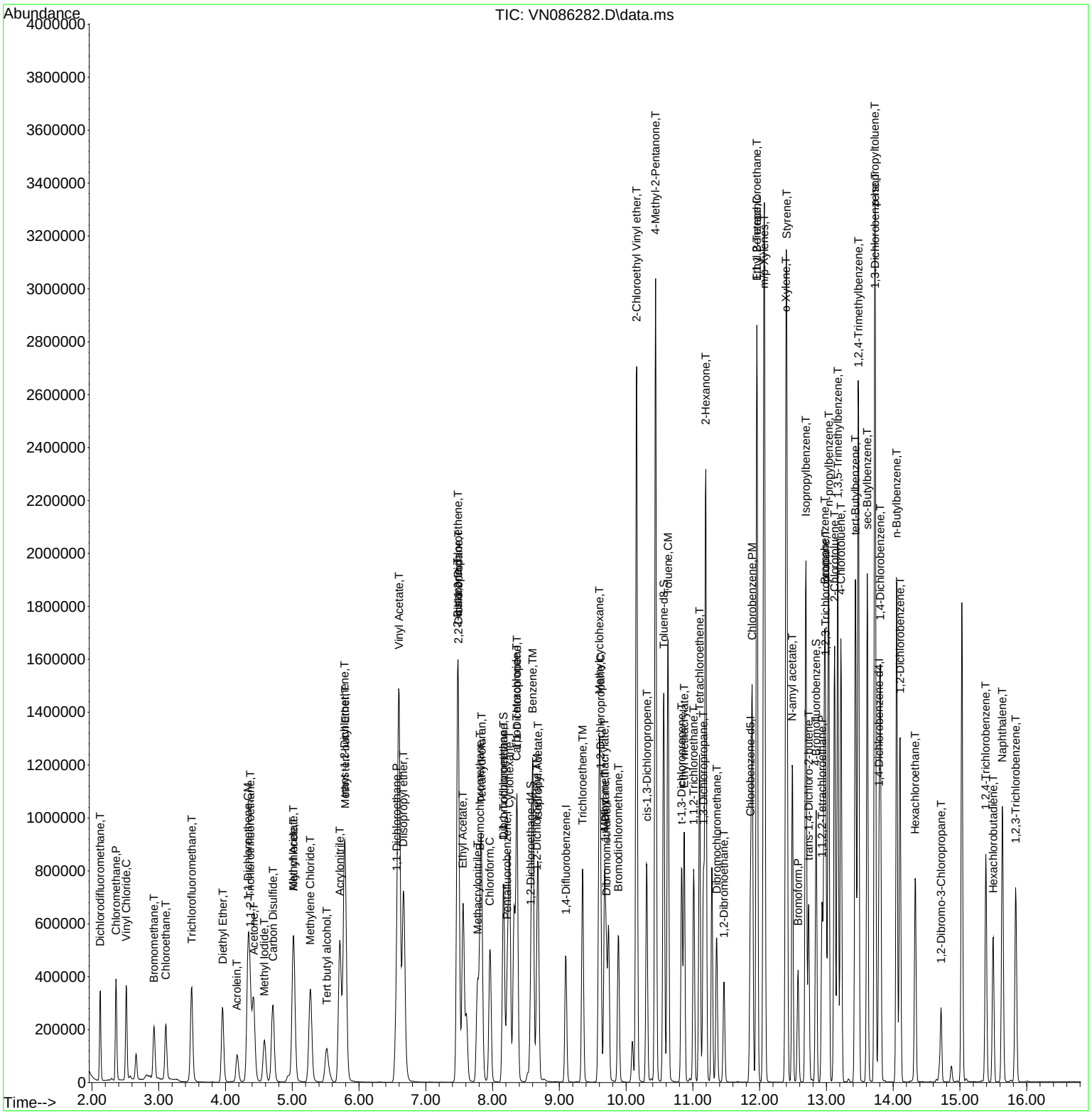
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	232806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	435528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	384601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169181	50.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.165	113	96752	47.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	10.565	98	542858	50.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	196820	49.950	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	138594	50.220	ug/l	100
3) Chloromethane	2.359	50	185786	46.321	ug/l	99
4) Vinyl Chloride	2.518	62	183873	48.040	ug/l	98
5) Bromomethane	2.953	94	88943	51.662	ug/l	98
6) Chloroethane	3.118	64	119261	46.557	ug/l	99
7) Trichlorofluoromethane	3.500	101	203630	48.030	ug/l	96
8) Diethyl Ether	3.959	74	88034	47.564	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	124024	48.357	ug/l	99
10) Methyl Iodide	4.589	142	148899	52.806	ug/l	98
11) Tert butyl alcohol	5.512	59	143880	233.586	ug/l	99
12) 1,1-Dichloroethene	4.336	96	129546	47.278	ug/l	98
13) Acrolein	4.177	56	72276	251.743	ug/l	99
14) Allyl chloride	5.024	41	220559	45.280	ug/l	99
15) Acrylonitrile	5.712	53	372009	244.312	ug/l	99
16) Acetone	4.424	43	297097	254.646	ug/l	100
17) Carbon Disulfide	4.712	76	360863	43.983	ug/l	99
18) Methyl Acetate	5.018	43	184731	45.586	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	474584	47.117	ug/l	99
20) Methylene Chloride	5.271	84	145872	46.740	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	134526	46.960	ug/l	99
22) Diisopropyl ether	6.665	45	491946	46.426	ug/l	98
23) Vinyl Acetate	6.600	43	1738360	234.680	ug/l	100
24) 1,1-Dichloroethane	6.565	63	264324	47.277	ug/l	99
25) 2-Butanone	7.477	43	501652	238.732	ug/l	98
26) 2,2-Dichloropropane	7.488	77	233882	46.721	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	167485	47.105	ug/l	98
28) Bromochloromethane	7.812	49	113893	48.044	ug/l	100
29) Tetrahydrofuran	7.835	42	326414	232.296	ug/l	100
30) Chloroform	7.959	83	258393	47.047	ug/l	99
31) Cyclohexane	8.253	56	247077	45.162	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	222630	47.385	ug/l	97
36) 1,1-Dichloropropene	8.371	75	191295	47.382	ug/l	100
37) Ethyl Acetate	7.553	43	195455	45.984	ug/l	100
38) Carbon Tetrachloride	8.359	117	182531	47.475	ug/l	98
39) Methylcyclohexane	9.594	83	220275	45.902	ug/l	97
40) Benzene	8.600	78	610128	47.168	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	113052	45.892	ug/l		98
42) 1,2-Dichloroethane	8.665	62	195922	47.496	ug/l		100
43) Isopropyl Acetate	8.682	43	370579	48.649	ug/l		100
44) Trichloroethene	9.347	130	145334	47.403	ug/l		99
45) 1,2-Dichloropropane	9.618	63	149775	47.302	ug/l		98
46) Dibromomethane	9.706	93	98395	48.772	ug/l		100
47) Bromodichloromethane	9.882	83	207763	47.682	ug/l		99
48) Methyl methacrylate	9.676	41	170007	45.546	ug/l		98
49) 1,4-Dioxane	9.688	88	59040	929.893	ug/l		99
51) 4-Methyl-2-Pentanone	10.441	43	1036849	238.220	ug/l		99
52) Toluene	10.629	92	383010	47.453	ug/l		100
53) t-1,3-Dichloropropene	10.829	75	235221	48.360	ug/l		100
54) cis-1,3-Dichloropropene	10.306	75	250676	46.923	ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	136227	46.911	ug/l		97
56) Ethyl methacrylate	10.871	69	253092	47.414	ug/l		99
57) 1,3-Dichloropropane	11.159	76	246129	47.770	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	612932	241.924	ug/l		99
59) 2-Hexanone	11.188	43	759846	235.364	ug/l		99
60) Dibromochloromethane	11.353	129	152321	47.767	ug/l		99
61) 1,2-Dibromoethane	11.465	107	139994	47.777	ug/l		100
64) Tetrachloroethene	11.100	164	140342	47.439	ug/l		99
65) Chlorobenzene	11.888	112	401122	46.735	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	133755	47.238	ug/l		99
67) Ethyl Benzene	11.959	91	730984	47.196	ug/l		100
68) m/p-Xylenes	12.070	106	551289	94.994	ug/l		100
69) o-Xylene	12.394	106	269992	47.043	ug/l		100
70) Styrene	12.406	104	460331	48.138	ug/l		100
71) Bromoform	12.576	173	101548	47.634	ug/l	#	98
73) Isopropylbenzene	12.694	105	667602	46.930	ug/l		100
74) N-amyl acetate	12.488	43	320394	45.241	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	186111	45.501	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	187464m	45.680	ug/l		
77) Bromobenzene	12.976	156	150856	47.860	ug/l		98
78) n-propylbenzene	13.029	91	794892	47.420	ug/l		99
79) 2-Chlorotoluene	13.123	91	493124	47.012	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	550039	47.241	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	84822m	49.639	ug/l		
82) 4-Chlorotoluene	13.217	91	495478	47.552	ug/l		99
83) tert-Butylbenzene	13.435	119	461626	45.757	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	561084	47.342	ug/l		100
85) sec-Butylbenzene	13.612	105	650246	46.468	ug/l		99
86) p-Isopropyltoluene	13.729	119	546663	47.395	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	278387	46.983	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	282403	47.319	ug/l		99
89) n-Butylbenzene	14.053	91	482335	47.178	ug/l		100
90) Hexachloroethane	14.329	117	92416	47.634	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	273135	47.545	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39601	48.017	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	131639	47.854	ug/l		100
94) Hexachlorobutadiene	15.500	225	48079	46.301	ug/l		100
95) Naphthalene	15.635	128	472042	48.408	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	123220	47.314	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

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

ICAL Form

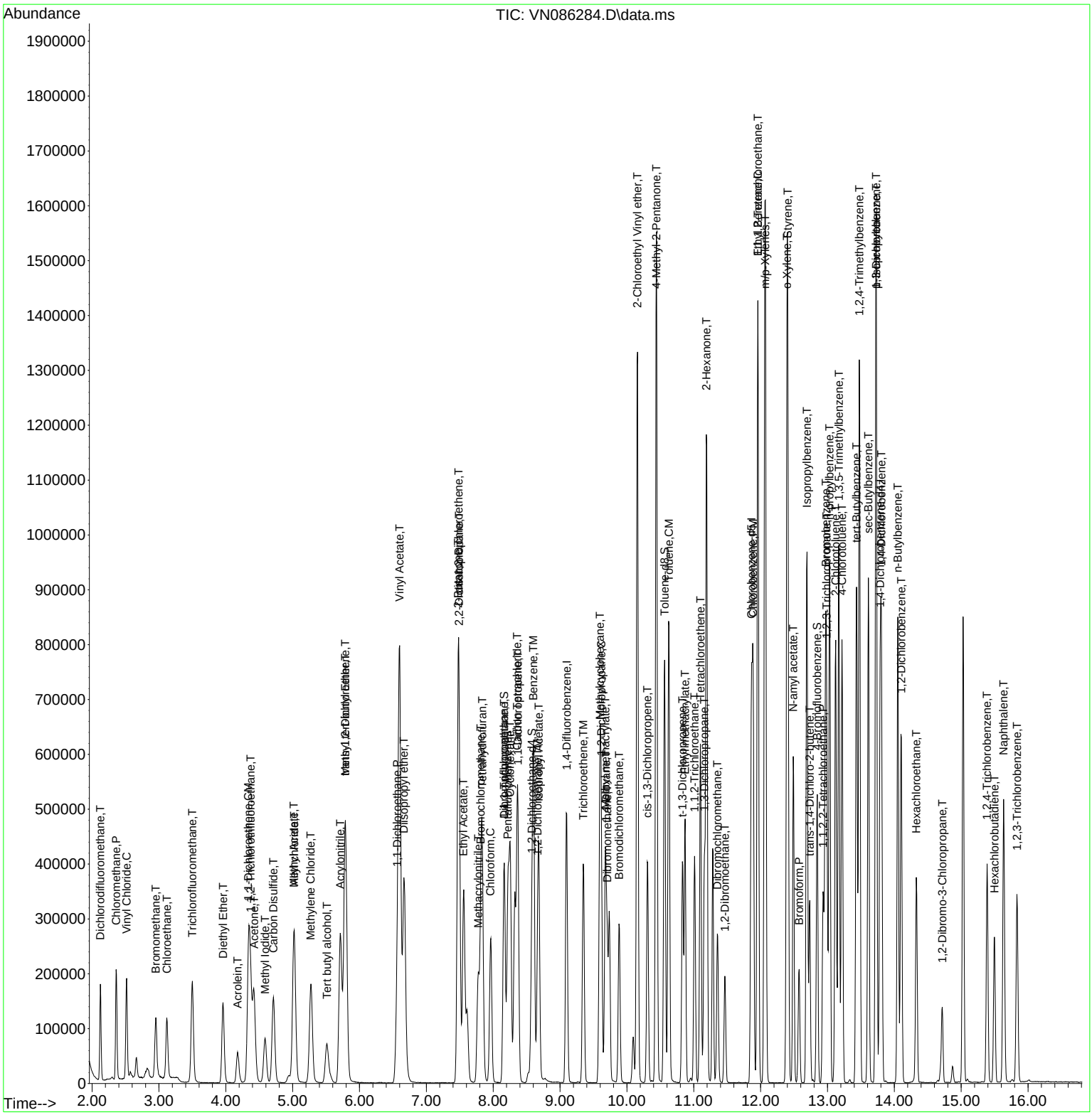
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	104	0.00
2	T	Dichlorodifluoromethane	0.593	0.595	-0.3	105	0.00
3	P	Chloromethane	0.861	0.798	7.3	110	0.00
4	C	Vinyl Chloride	0.822	0.790	3.9#	104	0.00
5	T	Bromomethane	0.370	0.382	-3.2	112	0.00
6	T	Chloroethane	0.550	0.512	6.9	107	0.00
7	T	Trichlorofluoromethane	0.911	0.875	4.0	106	0.00
8	T	Diethyl Ether	0.398	0.378	5.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.551	0.533	3.3	106	0.00
10	T	Methyl Iodide	0.606	0.640	-5.6	111	0.00
11	T	Tert butyl alcohol	0.132	0.124	6.1	104	0.00
12	CM	1,1-Dichloroethene	0.588	0.556	5.4#	105	0.00
13	T	Acrolein	0.075	0.062	17.3	106	0.00
14	T	Allyl chloride	1.046	0.947	9.5	106	0.00
15	T	Acrylonitrile	0.327	0.320	2.1	105	0.00
16	T	Acetone	0.290	0.255	12.1	106	0.00
17	T	Carbon Disulfide	1.762	1.550	12.0	104	0.00
18	T	Methyl Acetate	0.870	0.793	8.9	106	0.00
19	T	Methyl tert-butyl Ether	2.163	2.039	5.7	106	0.00
20	T	Methylene Chloride	0.670	0.627	6.4	105	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.578	6.0	105	0.00
22	T	Diisopropyl ether	2.276	2.113	7.2	104	0.00
23	T	Vinyl Acetate	1.591	1.493	6.2	105	0.00
24	P	1,1-Dichloroethane	1.201	1.135	5.5	104	0.00
25	T	2-Butanone	0.451	0.431	4.4	106	0.00
26	T	2,2-Dichloropropane	1.075	1.005	6.5	106	0.00
27	T	cis-1,2-Dichloroethene	0.764	0.719	5.9	105	0.00
28	T	Bromochloromethane	0.509	0.489	3.9	103	0.00
29	T	Tetrahydrofuran	0.302	0.280	7.3	104	0.00
30	C	Chloroform	1.180	1.110	5.9#	105	0.00
31	T	Cyclohexane	1.175	1.061	9.7	104	0.00
32	T	1,1,1-Trichloroethane	1.009	0.956	5.3	105	0.00
33	S	1,2-Dichloroethane-d4	0.725	0.727	-0.3	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.232	0.222	4.3	109	0.00
36	T	1,1-Dichloropropene	0.463	0.439	5.2	104	0.00
37	T	Ethyl Acetate	0.488	0.449	8.0	106	0.00
38	T	Carbon Tetrachloride	0.441	0.419	5.0	104	0.00
39	T	Methylcyclohexane	0.551	0.506	8.2	102	0.00
40	TM	Benzene	1.485	1.401	5.7	105	0.00
41	T	Methacrylonitrile	0.283	0.260	8.1	104	0.00
42	TM	1,2-Dichloroethane	0.474	0.450	5.1	107	0.00
43	T	Isopropyl Acetate	1.177	0.851	27.7#	103	0.00
44	TM	Trichloroethene	0.352	0.334	5.1	104	0.00
45	C	1,2-Dichloropropane	0.364	0.344	5.5#	104	0.00
46	T	Dibromomethane	0.232	0.226	2.6	105	0.00
47	T	Bromodichloromethane	0.500	0.477	4.6	106	0.00
48	T	Methyl methacrylate	0.429	0.390	9.1	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	0.007	0.007	0.0	110	0.00
50	S	Toluene-d8	1.240	1.246	-0.5	105	0.00
51	T	4-Methyl-2-Pentanone	0.500	0.476	4.8	104	0.00
52	CM	Toluene	0.927	0.879	5.2#	104	0.00
53	T	t-1,3-Dichloropropene	0.558	0.540	3.2	104	0.00
54	T	cis-1,3-Dichloropropene	0.613	0.576	6.0	105	0.00
55	T	1,1,2-Trichloroethane	0.333	0.313	6.0	103	0.00
56	T	Ethyl methacrylate	0.613	0.581	5.2	106	0.00
57	T	1,3-Dichloropropane	0.592	0.565	4.6	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.291	0.281	3.4	103	0.00
59	T	2-Hexanone	0.371	0.349	5.9	103	0.00
60	T	Dibromochloromethane	0.366	0.350	4.4	104	0.00
61	T	1,2-Dibromoethane	0.336	0.321	4.5	104	0.00
62	S	4-Bromofluorobenzene	0.452	0.452	0.0	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.385	0.365	5.2	103	0.00
65	PM	Chlorobenzene	1.116	1.043	6.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.368	0.348	5.4	105	0.00
67	C	Ethyl Benzene	2.014	1.901	5.6#	104	0.00
68	T	m/p-Xylenes	0.754	0.717	4.9	103	0.00
69	T	o-Xylene	0.746	0.702	5.9	103	0.00
70	T	Styrene	1.243	1.197	3.7	103	0.00
71	P	Bromoform	0.277	0.264	4.7	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	4.090	3.839	6.1	103	0.00
74	T	N-amyl acetate	2.036	1.842	9.5	104	0.00
75	P	1,1,2,2-Tetrachloroethane	1.176	1.070	9.0	103	0.00
76	T	1,2,3-Trichloropropane	1.180	1.078	8.6	104	0.00
77	T	Bromobenzene	0.906	0.867	4.3	102	0.00
78	T	n-propylbenzene	4.820	4.571	5.2	102	0.00
79	T	2-Chlorotoluene	3.016	2.836	6.0	103	0.00
80	T	1,3,5-Trimethylbenzene	3.348	3.163	5.5	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.491	0.488	0.6	106	0.00
82	T	4-Chlorotoluene	2.996	2.849	4.9	102	0.00
83	T	tert-Butylbenzene	2.901	2.655	8.5	102	0.00
84	T	1,2,4-Trimethylbenzene	3.408	3.226	5.3	102	0.00
85	T	sec-Butylbenzene	4.023	3.739	7.1	99	0.00
86	T	p-Isopropyltoluene	3.316	3.144	5.2	100	0.00
87	T	1,3-Dichlorobenzene	1.704	1.601	6.0	100	0.00
88	T	1,4-Dichlorobenzene	1.716	1.624	5.4	101	0.00
89	T	n-Butylbenzene	2.939	2.774	5.6	98	0.00
90	T	Hexachloroethane	0.558	0.531	4.8	103	0.00
91	T	1,2-Dichlorobenzene	1.652	1.571	4.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.237	0.228	3.8	103	0.00
93	T	1,2,4-Trichlorobenzene	0.791	0.757	4.3	99	0.00
94	T	Hexachlorobutadiene	0.299	0.276	7.7	99	0.00
95	T	Naphthalene	2.804	2.714	3.2	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	0.749	0.709	5.3	100	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	50.220	-0.4	105	0.00
3	P	Chloromethane	50.000	46.321	7.4	110	0.00
4	C	Vinyl Chloride	50.000	48.040	3.9#	104	0.00
5	T	Bromomethane	50.000	51.662	-3.3	112	0.00
6	T	Chloroethane	50.000	46.557	6.9	107	0.00
7	T	Trichlorofluoromethane	50.000	48.030	3.9	106	0.00
8	T	Diethyl Ether	50.000	47.564	4.9	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.357	3.3	106	0.00
10	T	Methyl Iodide	50.000	52.806	-5.6	111	0.00
11	T	Tert butyl alcohol	250.000	233.586	6.6	104	0.00
12	CM	1,1-Dichloroethene	50.000	47.278	5.4#	105	0.00
13	T	Acrolein	250.000	251.743	-0.7	106	0.00
14	T	Allyl chloride	50.000	45.280	9.4	106	0.00
15	T	Acrylonitrile	250.000	244.312	2.3	105	0.00
16	T	Acetone	250.000	254.646	-1.9	106	0.00
17	T	Carbon Disulfide	50.000	43.983	12.0	104	0.00
18	T	Methyl Acetate	50.000	45.586	8.8	106	0.00
19	T	Methyl tert-butyl Ether	50.000	47.117	5.8	106	0.00
20	T	Methylene Chloride	50.000	46.740	6.5	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.960	6.1	105	0.00
22	T	Diisopropyl ether	50.000	46.426	7.1	104	0.00
23	T	Vinyl Acetate	250.000	234.680	6.1	105	0.00
24	P	1,1-Dichloroethane	50.000	47.277	5.4	104	0.00
25	T	2-Butanone	250.000	238.732	4.5	106	0.00
26	T	2,2-Dichloropropane	50.000	46.721	6.6	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.105	5.8	105	0.00
28	T	Bromochloromethane	50.000	48.044	3.9	103	0.00
29	T	Tetrahydrofuran	250.000	232.296	7.1	104	0.00
30	C	Chloroform	50.000	47.047	5.9#	105	0.00
31	T	Cyclohexane	50.000	45.162	9.7	104	0.00
32	T	1,1,1-Trichloroethane	50.000	47.385	5.2	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.114	-0.2	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	47.865	4.3	109	0.00
36	T	1,1-Dichloropropene	50.000	47.382	5.2	104	0.00
37	T	Ethyl Acetate	50.000	45.984	8.0	106	0.00
38	T	Carbon Tetrachloride	50.000	47.475	5.0	104	0.00
39	T	Methylcyclohexane	50.000	45.902	8.2	102	0.00
40	TM	Benzene	50.000	47.168	5.7	105	0.00
41	T	Methacrylonitrile	50.000	45.892	8.2	104	0.00
42	TM	1,2-Dichloroethane	50.000	47.496	5.0	107	0.00
43	T	Isopropyl Acetate	50.000	48.649	2.7	103	0.00
44	TM	Trichloroethene	50.000	47.403	5.2	104	0.00
45	C	1,2-Dichloropropane	50.000	47.302	5.4#	104	0.00
46	T	Dibromomethane	50.000	48.772	2.5	105	0.00
47	T	Bromodichloromethane	50.000	47.682	4.6	106	0.00
48	T	Methyl methacrylate	50.000	45.546	8.9	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	929.893	7.0	110	0.00
50	S	Toluene-d8	50.000	50.251	-0.5	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.220	4.7	104	0.00
52	CM	Toluene	50.000	47.453	5.1#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	48.360	3.3	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.923	6.2	105	0.00
55	T	1,1,2-Trichloroethane	50.000	46.911	6.2	103	0.00
56	T	Ethyl methacrylate	50.000	47.414	5.2	106	0.00
57	T	1,3-Dichloropropane	50.000	47.770	4.5	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.924	3.2	103	0.00
59	T	2-Hexanone	250.000	235.364	5.9	103	0.00
60	T	Dibromochloromethane	50.000	47.767	4.5	104	0.00
61	T	1,2-Dibromoethane	50.000	47.777	4.4	104	0.00
62	S	4-Bromofluorobenzene	50.000	49.950	0.1	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	47.439	5.1	103	0.00
65	PM	Chlorobenzene	50.000	46.735	6.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.238	5.5	105	0.00
67	C	Ethyl Benzene	50.000	47.196	5.6#	104	0.00
68	T	m/p-Xylenes	100.000	94.994	5.0	103	0.00
69	T	o-Xylene	50.000	47.043	5.9	103	0.00
70	T	Styrene	50.000	48.138	3.7	103	0.00
71	P	Bromoform	50.000	47.634	4.7	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	46.930	6.1	103	0.00
74	T	N-amyl acetate	50.000	45.241	9.5	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.501	9.0	103	0.00
76	T	1,2,3-Trichloropropane	50.000	45.680	8.6	104	0.00
77	T	Bromobenzene	50.000	47.860	4.3	102	0.00
78	T	n-propylbenzene	50.000	47.420	5.2	102	0.00
79	T	2-Chlorotoluene	50.000	47.012	6.0	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.241	5.5	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.639	0.7	106	0.00
82	T	4-Chlorotoluene	50.000	47.552	4.9	102	0.00
83	T	tert-Butylbenzene	50.000	45.757	8.5	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.342	5.3	102	0.00
85	T	sec-Butylbenzene	50.000	46.468	7.1	99	0.00
86	T	p-Isopropyltoluene	50.000	47.395	5.2	100	0.00
87	T	1,3-Dichlorobenzene	50.000	46.983	6.0	100	0.00
88	T	1,4-Dichlorobenzene	50.000	47.319	5.4	101	0.00
89	T	n-Butylbenzene	50.000	47.178	5.6	98	0.00
90	T	Hexachloroethane	50.000	47.634	4.7	103	0.00
91	T	1,2-Dichlorobenzene	50.000	47.545	4.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.017	4.0	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.854	4.3	99	0.00
94	T	Hexachlorobutadiene	50.000	46.301	7.4	99	0.00
95	T	Naphthalene	50.000	48.408	3.2	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.314	5.4	100	0.00

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

Raw Data: **VN086286.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.: Q1793 SAS No.: Q1793 SDG No.: Q1793

Instrument ID: MSVOA_N Calibration Date/Time: 04/16/2025 09:14

Lab File ID: VN086286.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.593	0.593		0	20
Chloromethane	0.861	0.798	0.1	-7.32	20
Vinyl Chloride	0.822	0.791		-3.77	20
Ethyl Acetate	0.488	0.450		-7.79	20
Bromomethane	0.370	0.377		1.89	20
Chloroethane	0.550	0.507		-7.82	20
Trichlorofluoromethane	0.911	0.878		-3.62	20
1,1,2-Trichlorotrifluoroethane	0.551	0.537		-2.54	20
Tert butyl alcohol	0.132	0.127		-3.79	20
1,1-Dichloroethene	0.588	0.555		-5.61	20
Acrolein	0.075	0.065		-13.33	20
Acrylonitrile	0.327	0.315		-3.67	20
Acetone	0.290	0.254		-12.41	20
Carbon Disulfide	1.762	1.548		-12.15	20
Methyl tert-butyl Ether	2.163	2.003		-7.4	20
Methyl Acetate	0.870	0.791		-9.08	20
Methylene Chloride	0.670	0.625		-6.72	20
trans-1,2-Dichloroethene	0.615	0.577		-6.18	20
Vinyl Acetate	1.591	1.482		-6.85	20
1,1-Dichloroethane	1.201	1.141	0.1	-5	20
Cyclohexane	1.175	1.068		-9.11	20
2-Butanone	0.451	0.427		-5.32	20
Carbon Tetrachloride	0.441	0.430		-2.49	20
2,2-Dichloropropane	1.075	1.033		-3.91	20
cis-1,2-Dichloroethene	0.764	0.706		-7.59	20
Bromochloromethane	0.509	0.487		-4.32	20
Chloroform	1.180	1.101		-6.7	20
1,1,1-Trichloroethane	1.009	0.948		-6.05	20
Methylcyclohexane	0.551	0.536		-2.72	20
1,1-Dichloropropene	0.463	0.449		-3.02	20
Benzene	1.485	1.423		-4.18	20
1,2-Dichloroethane	0.474	0.454		-4.22	20
Trichloroethene	0.352	0.351		-0.28	20
1,2-Dichloropropane	0.364	0.350		-3.85	20
Dibromomethane	0.232	0.227		-2.15	20
Bromodichloromethane	0.500	0.486		-2.8	20
4-Methyl-2-Pentanone	0.500	0.480		-4	20
Toluene	0.927	0.895		-3.45	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: **VN086286.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.: Q1793 SAS No.: Q1793 SDG No.: Q1793

Instrument ID: MSVOA_N Calibration Date/Time: 04/16/2025 09:14

Lab File ID: VN086286.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.558	0.554		-0.72	20
cis-1,3-Dichloropropene	0.613	0.590		-3.75	20
1,1,2-Trichloroethane	0.333	0.318		-4.51	20
1,3-Dichloropropane	0.592	0.572		-3.38	20
2-Chloroethyl Vinyl ether	0.291	0.285		-2.06	20
2-Hexanone	0.371	0.358		-3.5	20
Dibromochloromethane	0.366	0.357		-2.46	20
1,2-Dibromoethane	0.336	0.324		-3.57	20
Tetrachloroethene	0.385	0.380		-1.3	20
Chlorobenzene	1.116	1.063	0.3	-4.75	20
1,1,1,2-Tetrachloroethane	0.368	0.355		-3.53	20
Hexachloroethane	0.558	0.526		-5.74	20
Ethyl Benzene	2.014	1.936		-3.87	20
m/p-Xylenes	0.754	0.733		-2.79	20
o-Xylene	0.746	0.712		-4.56	20
Styrene	1.243	1.220		-1.85	20
Bromoform	0.277	0.267	0.1	-3.61	20
Isopropylbenzene	4.090	3.825		-6.48	20
1,1,2,2-Tetrachloroethane	1.176	1.032	0.3	-12.24	20
1,2,3-Trichloropropane	1.180	1.063		-9.91	20
Bromobenzene	0.906	0.862		-4.86	20
n-propylbenzene	4.820	4.590		-4.77	20
2-Chlorotoluene	3.016	2.826		-6.3	20
1,3,5-Trimethylbenzene	3.348	3.159		-5.64	20
4-Chlorotoluene	2.996	2.858		-4.61	20
tert-Butylbenzene	2.901	2.638		-9.07	20
1,2,4-Trimethylbenzene	3.408	3.236		-5.05	20
sec-Butylbenzene	4.023	3.831		-4.77	20
p-Isopropyltoluene	3.316	3.224		-2.77	20
1,3-Dichlorobenzene	1.704	1.646		-3.4	20
1,4-Dichlorobenzene	1.716	1.647		-4.02	20
n-Butylbenzene	2.939	2.894		-1.53	20
1,2-Dichlorobenzene	1.652	1.575		-4.66	20
1,2-Dibromo-3-Chloropropane	0.237	0.229		-3.38	20
1,2,4-Trichlorobenzene	0.791	0.788		-0.38	20
Hexachlorobutadiene	0.299	0.294		-1.67	20
Naphthalene	2.804	2.710		-3.35	20
1,2,3-Trichlorobenzene	0.749	0.719		-4.01	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1793 SAS No.: Q1793 SDG No.: Q1793

Instrument ID: MSVOA_N Calibration Date/Time: 04/16/2025 09:14

Lab File ID: VN086286.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.725	0.697		-3.86	20
Dibromofluoromethane	0.232	0.214		-7.76	20
Toluene-d8	1.240	1.219		-1.69	20
4-Bromofluorobenzene	0.452	0.447		-1.11	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	235673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	430893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164281	48.071	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.140%			
35) Dibromofluoromethane	8.165	113	92402	46.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.400%			
50) Toluene-d8	10.565	98	525438	49.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.847	95	192478	49.374	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	139730	50.015	ug/l	99
3) Chloromethane	2.359	50	187952	46.291	ug/l	99
4) Vinyl Chloride	2.512	62	186531	48.142	ug/l	99
5) Bromomethane	2.953	94	88918	51.019	ug/l	96
6) Chloroethane	3.118	64	119531	46.095	ug/l	99
7) Trichlorofluoromethane	3.500	101	206871	48.201	ug/l	97
8) Diethyl Ether	3.959	74	88542	47.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	126479	48.715	ug/l	99
10) Methyl Iodide	4.583	142	152531	53.436	ug/l	99
11) Tert butyl alcohol	5.512	59	150071	240.673	ug/l	100
12) 1,1-Dichloroethene	4.342	96	130797	47.154	ug/l	94
13) Acrolein	4.177	56	76094	262.459	ug/l	96
14) Allyl chloride	5.018	41	225300	45.690	ug/l	99
15) Acrylonitrile	5.712	53	371338	240.904	ug/l	100
16) Acetone	4.418	43	299320	253.403	ug/l	100
17) Carbon Disulfide	4.712	76	364873	43.931	ug/l	99
18) Methyl Acetate	5.018	43	186352	45.427	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	472153	46.306	ug/l	100
20) Methylene Chloride	5.277	84	147320	46.630	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	135959	46.882	ug/l	100
22) Diisopropyl ether	6.665	45	498190	46.443	ug/l	99
23) Vinyl Acetate	6.600	43	1746712	232.938	ug/l	98
24) 1,1-Dichloroethane	6.571	63	268843	47.500	ug/l	99
25) 2-Butanone	7.477	43	503322	236.612	ug/l	98
26) 2,2-Dichloropropane	7.488	77	243488	48.048	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	166409	46.233	ug/l	100
28) Bromochloromethane	7.812	49	114783	47.831	ug/l	100
29) Tetrahydrofuran	7.835	42	330147	232.094	ug/l	99
30) Chloroform	7.959	83	259399	46.656	ug/l	98
31) Cyclohexane	8.253	56	251642	45.437	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	223386	46.967	ug/l	99
36) 1,1-Dichloropropene	8.371	75	193287	48.390	ug/l	100
37) Ethyl Acetate	7.553	43	193953	46.122	ug/l	98
38) Carbon Tetrachloride	8.359	117	185182	48.682	ug/l	98
39) Methylcyclohexane	9.600	83	230804	48.614	ug/l	99
40) Benzene	8.600	78	613264	47.920	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	114048	46.794	ug/l		100
42) 1,2-Dichloroethane	8.665	62	195800	47.977	ug/l		100
43) Isopropyl Acetate	8.682	43	362008	47.992	ug/l		98
44) Trichloroethene	9.347	130	151444	49.927	ug/l		100
45) 1,2-Dichloropropane	9.618	63	150667	48.096	ug/l		98
46) Dibromomethane	9.706	93	97743	48.970	ug/l		99
47) Bromodichloromethane	9.882	83	209384	48.571	ug/l		100
48) Methyl methacrylate	9.676	41	170133	46.070	ug/l		99
49) 1,4-Dioxane	9.688	88	59527	947.648	ug/l		98
51) 4-Methyl-2-Pentanone	10.441	43	1033728	240.057	ug/l		99
52) Toluene	10.623	92	385532	48.280	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	238507	49.563	ug/l		100
54) cis-1,3-Dichloropropene	10.306	75	254333	48.119	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	137156	47.739	ug/l		96
56) Ethyl methacrylate	10.871	69	254512	48.193	ug/l		99
57) 1,3-Dichloropropane	11.159	76	246324	48.323	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.153	63	614176	245.023	ug/l		100
59) 2-Hexanone	11.194	43	771609	241.579	ug/l		100
60) Dibromochloromethane	11.353	129	153985	48.808	ug/l		99
61) 1,2-Dibromoethane	11.465	107	139475	48.111	ug/l		99
64) Tetrachloroethene	11.100	164	145847	49.433	ug/l		98
65) Chlorobenzene	11.888	112	407897	47.653	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	136092	48.194	ug/l		99
67) Ethyl Benzene	11.959	91	742623	48.077	ug/l		99
68) m/p-Xylenes	12.065	106	562291	97.152	ug/l		99
69) o-Xylene	12.394	106	272968	47.691	ug/l		99
70) Styrene	12.406	104	467765	49.048	ug/l		100
71) Bromoform	12.576	173	102569	48.243	ug/l	#	99
73) Isopropylbenzene	12.694	105	678138	46.758	ug/l		100
74) N-amyl acetate	12.488	43	317872	44.026	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	182886	43.857	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	188539m	45.063	ug/l		
77) Bromobenzene	12.976	156	152840	47.562	ug/l		99
78) n-propylbenzene	13.029	91	813823	47.620	ug/l		100
79) 2-Chlorotoluene	13.123	91	500975	46.847	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	560090	47.184	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	92189	52.918	ug/l		93
82) 4-Chlorotoluene	13.217	91	506641	47.693	ug/l		99
83) tert-Butylbenzene	13.435	119	467771	45.479	ug/l		98
84) 1,2,4-Trimethylbenzene	13.476	105	573671	47.478	ug/l		100
85) sec-Butylbenzene	13.611	105	679238	47.611	ug/l		100
86) p-Isopropyltoluene	13.729	119	571595	48.608	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	291794	48.303	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	291992	47.989	ug/l		99
89) n-Butylbenzene	14.053	91	513021	49.219	ug/l		99
90) Hexachloroethane	14.329	117	93202	47.120	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	279296	47.687	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40668	48.367	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	139704	49.814	ug/l		99
94) Hexachlorobutadiene	15.500	225	52193	49.301	ug/l		99
95) Naphthalene	15.635	128	480514	48.334	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	127501	48.020	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

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

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

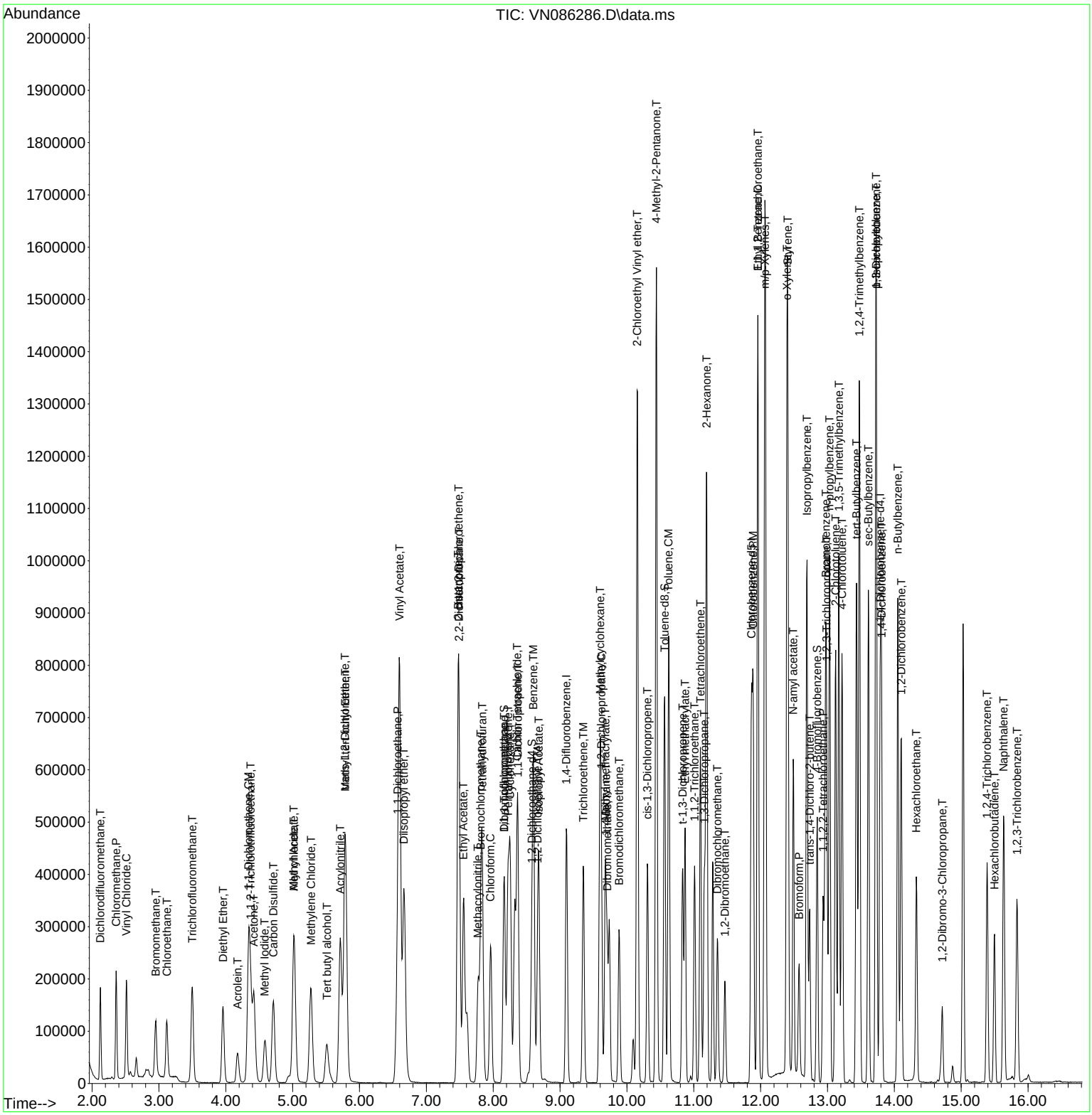
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



Sample Results: **VN086286.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.593	0.593	0.0	106	0.00
3	P	Chloromethane	0.861	0.798	7.3	112	0.00
4	C	Vinyl Chloride	0.822	0.791	3.8#	106	0.00
5	T	Bromomethane	0.370	0.377	-1.9	112	0.00
6	T	Chloroethane	0.550	0.507	7.8	107	0.00
7	T	Trichlorofluoromethane	0.911	0.878	3.6	107	0.00
8	T	Diethyl Ether	0.398	0.376	5.5	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.551	0.537	2.5	108	0.00
10	T	Methyl Iodide	0.606	0.647	-6.8	114	0.00
11	T	Tert butyl alcohol	0.132	0.127	3.8	108	0.00
12	CM	1,1-Dichloroethene	0.588	0.555	5.6#	106	0.00
13	T	Acrolein	0.075	0.065	13.3	112	0.00
14	T	Allyl chloride	1.046	0.956	8.6	109	0.00
15	T	Acrylonitrile	0.327	0.315	3.7	105	0.00
16	T	Acetone	0.290	0.254	12.4	107	0.00
17	T	Carbon Disulfide	1.762	1.548	12.1	105	0.00
18	T	Methyl Acetate	0.870	0.791	9.1	107	0.00
19	T	Methyl tert-butyl Ether	2.163	2.003	7.4	105	0.00
20	T	Methylene Chloride	0.670	0.625	6.7	107	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.577	6.2	106	0.00
22	T	Diisopropyl ether	2.276	2.114	7.1	106	0.00
23	T	Vinyl Acetate	1.591	1.482	6.9	105	0.00
24	P	1,1-Dichloroethane	1.201	1.141	5.0	106	0.00
25	T	2-Butanone	0.451	0.427	5.3	106	0.00
26	T	2,2-Dichloropropane	1.075	1.033	3.9	111	0.00
27	T	cis-1,2-Dichloroethene	0.764	0.706	7.6	104	0.00
28	T	Bromochloromethane	0.509	0.487	4.3	104	0.00
29	T	Tetrahydrofuran	0.302	0.280	7.3	105	0.00
30	C	Chloroform	1.180	1.101	6.7#	105	0.00
31	T	Cyclohexane	1.175	1.068	9.1	106	0.00
32	T	1,1,1-Trichloroethane	1.009	0.948	6.0	105	0.00
33	S	1,2-Dichloroethane-d4	0.725	0.697	3.9	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.232	0.214	7.8	104	0.00
36	T	1,1-Dichloropropene	0.463	0.449	3.0	105	0.00
37	T	Ethyl Acetate	0.488	0.450	7.8	105	0.00
38	T	Carbon Tetrachloride	0.441	0.430	2.5	106	0.00
39	T	Methylcyclohexane	0.551	0.536	2.7	106	0.00
40	TM	Benzene	1.485	1.423	4.2	105	0.00
41	T	Methacrylonitrile	0.283	0.265	6.4	104	0.00
42	TM	1,2-Dichloroethane	0.474	0.454	4.2	106	0.00
43	T	Isopropyl Acetate	1.177	0.840	28.6#	101	0.00
44	TM	Trichloroethene	0.352	0.351	0.3	108	0.00
45	C	1,2-Dichloropropane	0.364	0.350	3.8#	104	0.00
46	T	Dibromomethane	0.232	0.227	2.2	104	0.00
47	T	Bromodichloromethane	0.500	0.486	2.8	106	0.00
48	T	Methyl methacrylate	0.429	0.395	7.9	104	0.00

Sample Results: **VN086286.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	0.007	0.007	0.0	111	0.00
50	S	Toluene-d8	1.240	1.219	1.7	101	0.00
51	T	4-Methyl-2-Pentanone	0.500	0.480	4.0	103	0.00
52	CM	Toluene	0.927	0.895	3.5#	104	0.00
53	T	t-1,3-Dichloropropene	0.558	0.554	0.7	105	0.00
54	T	cis-1,3-Dichloropropene	0.613	0.590	3.8	107	0.00
55	T	1,1,2-Trichloroethane	0.333	0.318	4.5	104	0.00
56	T	Ethyl methacrylate	0.613	0.591	3.6	106	0.00
57	T	1,3-Dichloropropane	0.592	0.572	3.4	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.291	0.285	2.1	103	0.00
59	T	2-Hexanone	0.371	0.358	3.5	105	0.00
60	T	Dibromochloromethane	0.366	0.357	2.5	105	0.00
61	T	1,2-Dibromoethane	0.336	0.324	3.6	104	0.00
62	S	4-Bromofluorobenzene	0.452	0.447	1.1	101	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.385	0.380	1.3	107	0.00
65	PM	Chlorobenzene	1.116	1.063	4.7	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.368	0.355	3.5	107	0.00
67	C	Ethyl Benzene	2.014	1.936	3.9#	105	0.00
68	T	m/p-Xylenes	0.754	0.733	2.8	105	0.00
69	T	o-Xylene	0.746	0.712	4.6	104	0.00
70	T	Styrene	1.243	1.220	1.9	105	0.00
71	P	Bromoform	0.277	0.267	3.6	107	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	4.090	3.825	6.5	105	0.00
74	T	N-amyl acetate	2.036	1.793	11.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	1.176	1.032	12.2	102	0.00
76	T	1,2,3-Trichloropropane	1.180	1.063	9.9	104	0.00
77	T	Bromobenzene	0.906	0.862	4.9	103	0.00
78	T	n-propylbenzene	4.820	4.590	4.8	104	0.00
79	T	2-Chlorotoluene	3.016	2.826	6.3	105	0.00
80	T	1,3,5-Trimethylbenzene	3.348	3.159	5.6	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.491	0.520	-5.9	115	0.00
82	T	4-Chlorotoluene	2.996	2.858	4.6	104	0.00
83	T	tert-Butylbenzene	2.901	2.638	9.1	103	0.00
84	T	1,2,4-Trimethylbenzene	3.408	3.236	5.0	104	0.00
85	T	sec-Butylbenzene	4.023	3.831	4.8	104	0.00
86	T	p-Isopropyltoluene	3.316	3.224	2.8	104	0.00
87	T	1,3-Dichlorobenzene	1.704	1.646	3.4	104	0.00
88	T	1,4-Dichlorobenzene	1.716	1.647	4.0	104	0.00
89	T	n-Butylbenzene	2.939	2.894	1.5	104	0.00
90	T	Hexachloroethane	0.558	0.526	5.7	104	0.00
91	T	1,2-Dichlorobenzene	1.652	1.575	4.7	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.237	0.229	3.4	105	0.00
93	T	1,2,4-Trichlorobenzene	0.791	0.788	0.4	105	0.00
94	T	Hexachlorobutadiene	0.299	0.294	1.7	107	0.00
95	T	Naphthalene	2.804	2.710	3.4	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	0.749	0.719	4.0	104	0.00

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

Sample Results: **VN086286.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	50.000	50.015	-0.0	106	0.00
3	P	Chloromethane	50.000	46.291	7.4	112	0.00
4	C	Vinyl Chloride	50.000	48.142	3.7#	106	0.00
5	T	Bromomethane	50.000	51.019	-2.0	112	0.00
6	T	Chloroethane	50.000	46.095	7.8	107	0.00
7	T	Trichlorofluoromethane	50.000	48.201	3.6	107	0.00
8	T	Diethyl Ether	50.000	47.257	5.5	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.715	2.6	108	0.00
10	T	Methyl Iodide	50.000	53.436	-6.9	114	0.00
11	T	Tert butyl alcohol	250.000	240.673	3.7	108	0.00
12	CM	1,1-Dichloroethene	50.000	47.154	5.7#	106	0.00
13	T	Acrolein	250.000	262.459	-5.0	112	0.00
14	T	Allyl chloride	50.000	45.690	8.6	109	0.00
15	T	Acrylonitrile	250.000	240.904	3.6	105	0.00
16	T	Acetone	250.000	253.403	-1.4	107	0.00
17	T	Carbon Disulfide	50.000	43.931	12.1	105	0.00
18	T	Methyl Acetate	50.000	45.427	9.1	107	0.00
19	T	Methyl tert-butyl Ether	50.000	46.306	7.4	105	0.00
20	T	Methylene Chloride	50.000	46.630	6.7	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.882	6.2	106	0.00
22	T	Diisopropyl ether	50.000	46.443	7.1	106	0.00
23	T	Vinyl Acetate	250.000	232.938	6.8	105	0.00
24	P	1,1-Dichloroethane	50.000	47.500	5.0	106	0.00
25	T	2-Butanone	250.000	236.612	5.4	106	0.00
26	T	2,2-Dichloropropane	50.000	48.048	3.9	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.233	7.5	104	0.00
28	T	Bromochloromethane	50.000	47.831	4.3	104	0.00
29	T	Tetrahydrofuran	250.000	232.094	7.2	105	0.00
30	C	Chloroform	50.000	46.656	6.7#	105	0.00
31	T	Cyclohexane	50.000	45.437	9.1	106	0.00
32	T	1,1,1-Trichloroethane	50.000	46.967	6.1	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.071	3.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	46.205	7.6	104	0.00
36	T	1,1-Dichloropropene	50.000	48.390	3.2	105	0.00
37	T	Ethyl Acetate	50.000	46.122	7.8	105	0.00
38	T	Carbon Tetrachloride	50.000	48.682	2.6	106	0.00
39	T	Methylcyclohexane	50.000	48.614	2.8	106	0.00
40	TM	Benzene	50.000	47.920	4.2	105	0.00
41	T	Methacrylonitrile	50.000	46.794	6.4	104	0.00
42	TM	1,2-Dichloroethane	50.000	47.977	4.0	106	0.00
43	T	Isopropyl Acetate	50.000	47.992	4.0	101	0.00
44	TM	Trichloroethene	50.000	49.927	0.1	108	0.00
45	C	1,2-Dichloropropane	50.000	48.096	3.8#	104	0.00
46	T	Dibromomethane	50.000	48.970	2.1	104	0.00
47	T	Bromodichloromethane	50.000	48.571	2.9	106	0.00
48	T	Methyl methacrylate	50.000	46.070	7.9	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	947.648	5.2	111	0.00
50	S	Toluene-d8	50.000	49.161	1.7	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.057	4.0	103	0.00
52	CM	Toluene	50.000	48.280	3.4#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	49.563	0.9	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.119	3.8	107	0.00
55	T	1,1,2-Trichloroethane	50.000	47.739	4.5	104	0.00
56	T	Ethyl methacrylate	50.000	48.193	3.6	106	0.00
57	T	1,3-Dichloropropane	50.000	48.323	3.4	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.023	2.0	103	0.00
59	T	2-Hexanone	250.000	241.579	3.4	105	0.00
60	T	Dibromochloromethane	50.000	48.808	2.4	105	0.00
61	T	1,2-Dibromoethane	50.000	48.111	3.8	104	0.00
62	S	4-Bromofluorobenzene	50.000	49.374	1.3	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	49.433	1.1	107	0.00
65	PM	Chlorobenzene	50.000	47.653	4.7	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.194	3.6	107	0.00
67	C	Ethyl Benzene	50.000	48.077	3.8#	105	0.00
68	T	m/p-Xylenes	100.000	97.152	2.8	105	0.00
69	T	o-Xylene	50.000	47.691	4.6	104	0.00
70	T	Styrene	50.000	49.048	1.9	105	0.00
71	P	Bromoform	50.000	48.243	3.5	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	46.758	6.5	105	0.00
74	T	N-amyl acetate	50.000	44.026	11.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	43.857	12.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	45.063	9.9	104	0.00
77	T	Bromobenzene	50.000	47.562	4.9	103	0.00
78	T	n-propylbenzene	50.000	47.620	4.8	104	0.00
79	T	2-Chlorotoluene	50.000	46.847	6.3	105	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.184	5.6	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.918	-5.8	115	0.00
82	T	4-Chlorotoluene	50.000	47.693	4.6	104	0.00
83	T	tert-Butylbenzene	50.000	45.479	9.0	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.478	5.0	104	0.00
85	T	sec-Butylbenzene	50.000	47.611	4.8	104	0.00
86	T	p-Isopropyltoluene	50.000	48.608	2.8	104	0.00
87	T	1,3-Dichlorobenzene	50.000	48.303	3.4	104	0.00
88	T	1,4-Dichlorobenzene	50.000	47.989	4.0	104	0.00
89	T	n-Butylbenzene	50.000	49.219	1.6	104	0.00
90	T	Hexachloroethane	50.000	47.120	5.8	104	0.00
91	T	1,2-Dichlorobenzene	50.000	47.687	4.6	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.367	3.3	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.814	0.4	105	0.00
94	T	Hexachlorobutadiene	50.000	49.301	1.4	107	0.00
95	T	Naphthalene	50.000	48.334	3.3	103	0.00

Sample Results: **VN086286.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086286.D
Acq On : 16 Apr 2025 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 03:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.020	4.0	104	0.00

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

QC SAMPLE DATA

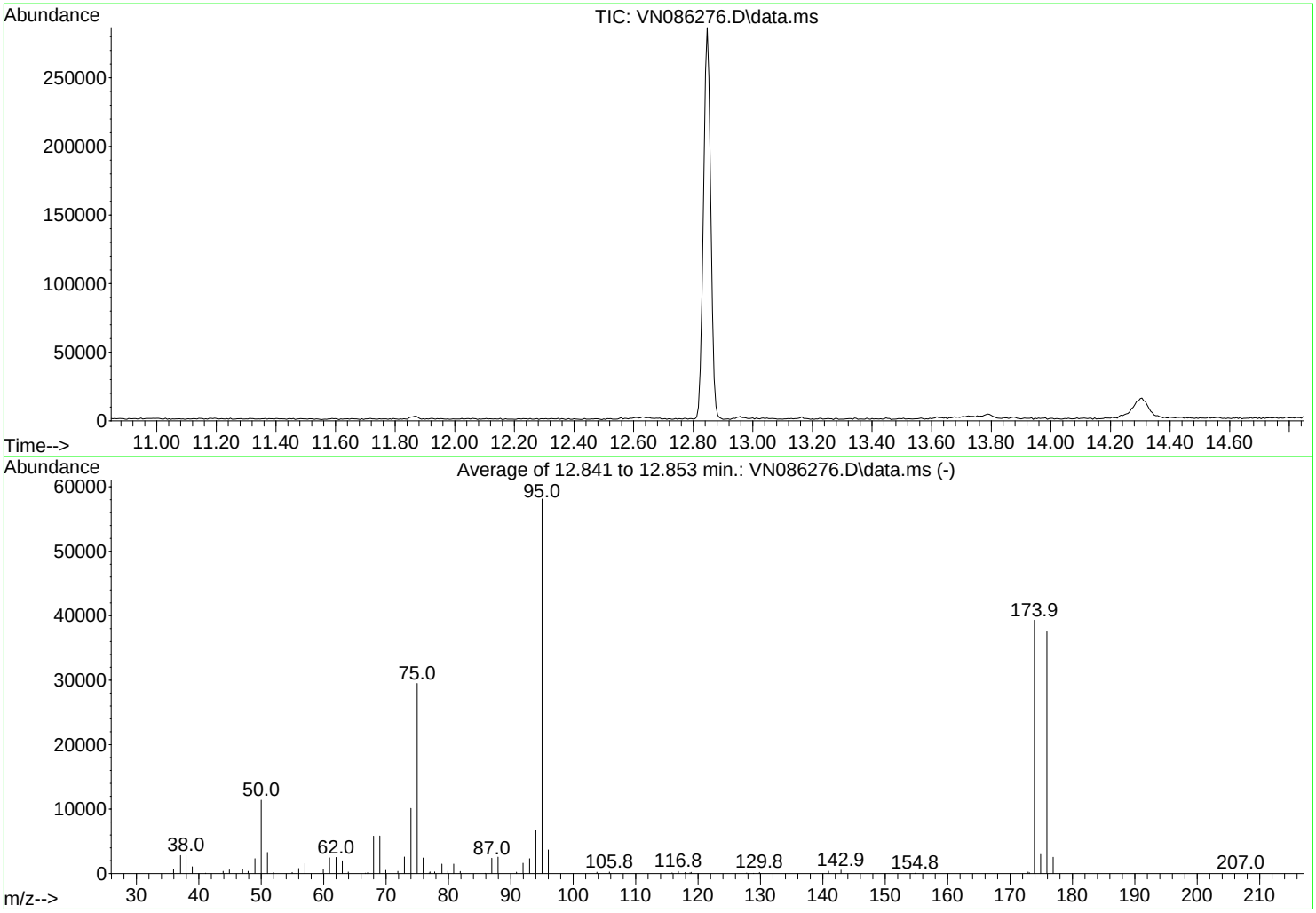
Sample Results: **VN086276.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086276.D
Acq On : 15 Apr 2025 10:47
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.6	11398	PASS
75	95	30	60	50.8	29499	PASS
95	95	100	100	100.0	58112	PASS
96	95	5	9	6.3	3682	PASS
173	174	0.00	2	0.6	240	PASS
174	95	50	100	67.6	39296	PASS
175	174	5	9	7.6	2977	PASS
176	174	95	101	95.5	37528	PASS
177	176	5	9	6.7	2533	PASS

Average of 12.841 to 12.853 min.: VN086276.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	635	51.00	3286	67.05	140	77.80	27
37.05	2796	51.95	128	68.00	5813	78.95	147
37.95	2853	54.95	179	69.00	5847	79.90	39
38.95	1053	56.00	804	69.95	514	80.85	148
41.10	67	57.00	1592	71.90	363	81.90	335
43.90	345	59.95	619	72.95	2581	85.90	51
44.90	579	60.95	2450	74.00	10128	86.95	2372
47.00	701	62.00	2513	75.00	29499	87.95	2557
47.90	354	63.00	1986	75.95	2430	90.90	233
49.00	2323	63.95	246	76.90	99	91.95	1612
50.00	11398	66.70	59	77.05	268	93.00	2327

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN086276.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.00	6693	128.90	53	207.00	112		
95.00	58112	129.85	189				
96.00	3682	140.90	380				
103.80	224	142.90	552				
105.80	239	154.80	75				
115.85	118	172.90	240				
116.85	326	173.10	131				
117.90	152	173.90	39296				
118.70	112	174.90	2977				
118.90	196	175.90	37528				
127.80	80	176.90	2533				

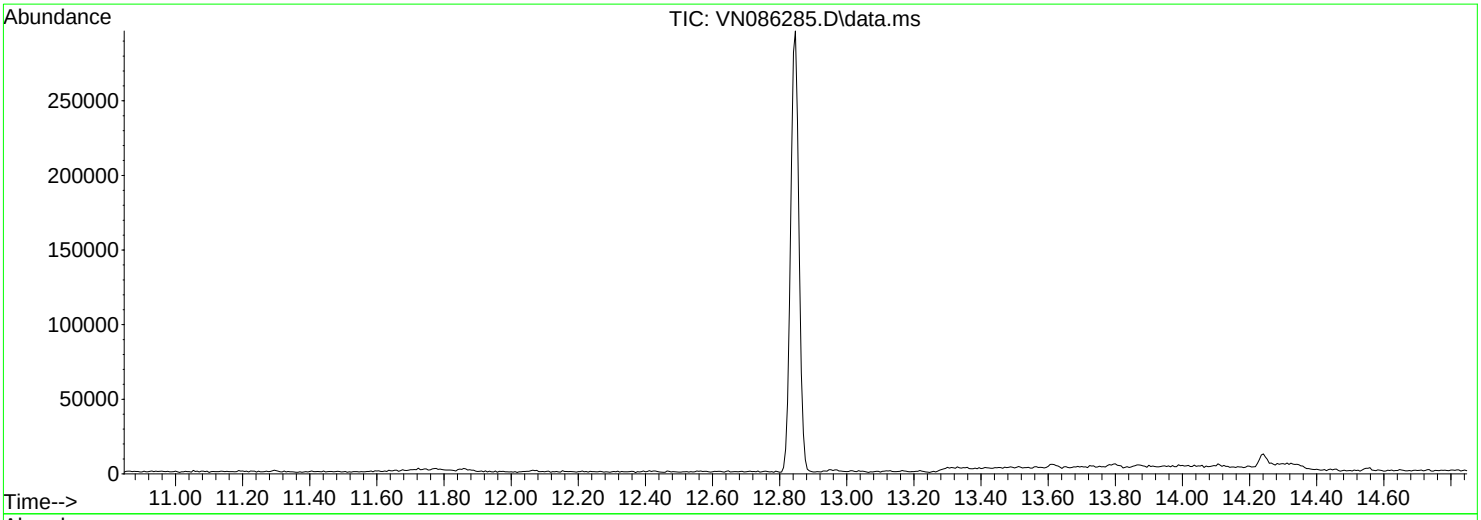
Sample Results: **VN086285.D**

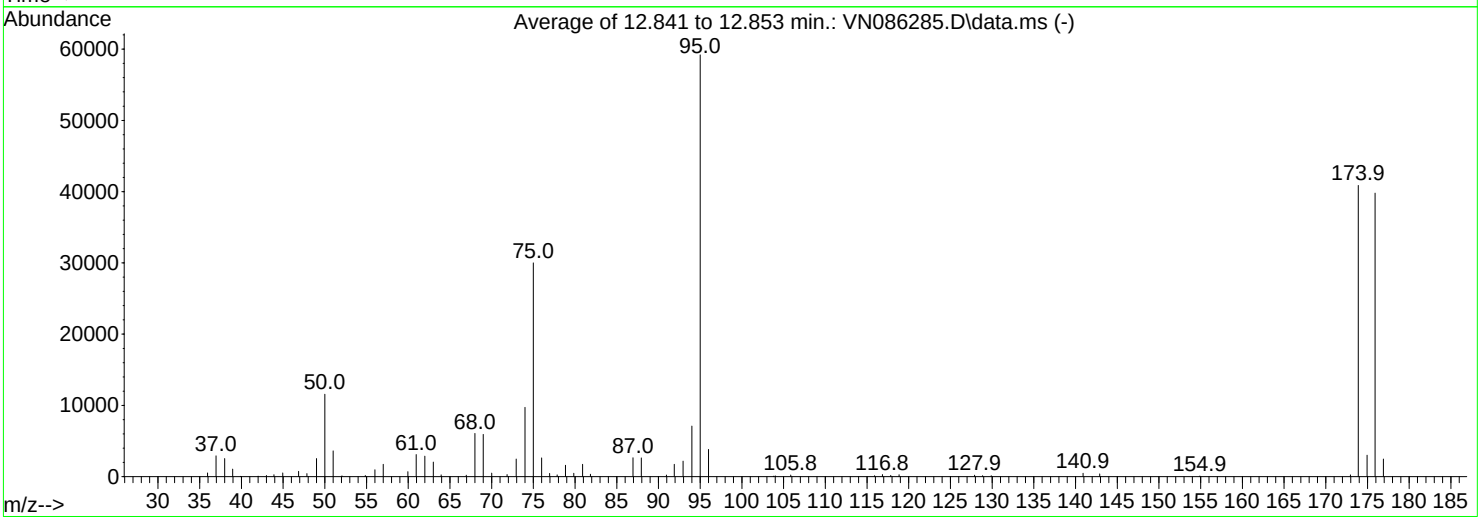
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086285.D
Acq On : 16 Apr 2025 08:38
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1842

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	11559	PASS
75	95	30	60	50.7	30005	PASS
95	95	100	100	100.0	59203	PASS
96	95	5	9	6.5	3819	PASS
173	174	0.00	2	0.6	241	PASS
174	95	50	100	69.1	40880	PASS
175	174	5	9	7.4	3011	PASS
176	174	95	101	97.3	39787	PASS
177	176	5	9	6.2	2465	PASS

Average of 12.841 to 12.853 min.: VN086285.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	525	49.00	2548	63.95	244	77.85	24
36.95	2913	50.00	11559	66.95	198	78.85	159
38.00	2541	51.00	3615	68.00	6055	79.85	46
38.95	1065	52.05	115	69.00	5936	80.90	173
39.90	41	54.85	151	70.00	495	81.85	336
42.00	61	56.00	963	71.85	288	86.95	2654
43.00	153	57.00	1730	72.95	2481	87.95	2625
43.90	274	59.95	690	74.00	9726	90.95	232
44.95	516	60.95	3100	75.00	30005	91.90	1720
46.85	741	62.00	2878	76.00	2633	92.95	2175
47.85	420	63.00	2054	76.95	454	94.00	7091

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN086285.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	59203	129.90	136				
96.00	3819	140.90	482				
103.80	73	142.90	387				
104.00	124	154.90	82				
105.85	219	172.95	241				
115.90	128	173.90	40880				
116.85	302	174.95	3011				
117.85	183	175.90	39787				
118.85	271	176.90	2465				
127.90	204						
128.85	127						

Raw Data: **VN086288.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:	VN0416WBL01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086288.D	1		04/16/25 10:12	VN041625

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: **VN086288.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:	VN0416WBL01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086288.D	1		04/16/25 10:12	VN041625

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: **VN086288.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:	VN0416WBL01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086288.D	1		04/16/25 10:12	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.2		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	55.0		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	50.6		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	216000	8.224			
540-36-3	1,4-Difluorobenzene	413000	9.1			
3114-55-4	Chlorobenzene-d5	375000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	162000	13.788			

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:	VN0416WBL01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086288.D	1		04/16/25 10:12	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086288.D
Acq On : 16 Apr 2025 10:12
Operator : JC\MD
Sample : VN0416WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

Quant Time: Apr 17 05:35:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	215943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153932	49.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.320%			
35) Dibromofluoromethane	8.165	113	105409	55.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.060%			
50) Toluene-d8	10.565	98	518345	50.637	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.847	95	186209	49.873	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.740%			

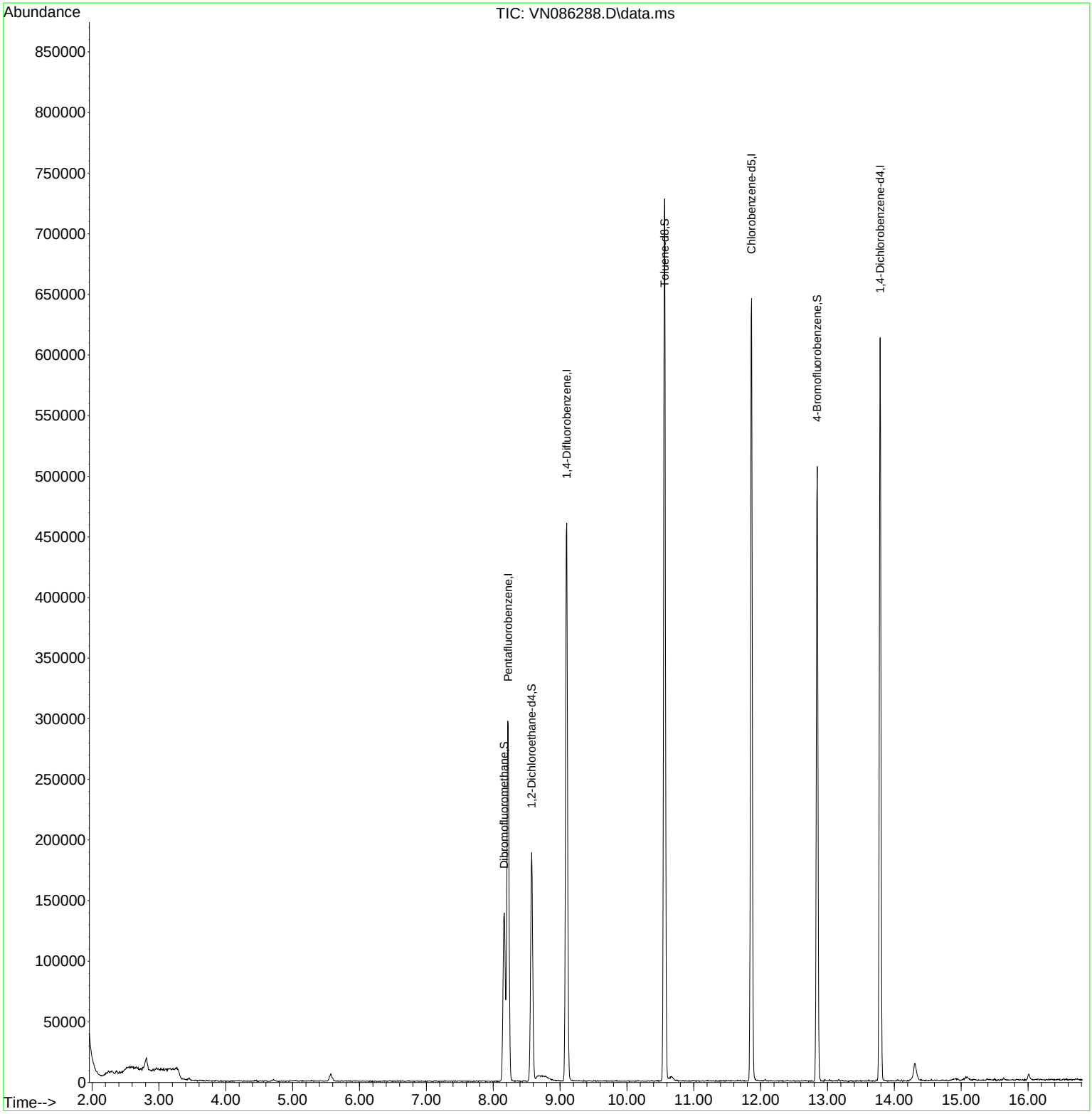
Target Compounds Qvalue

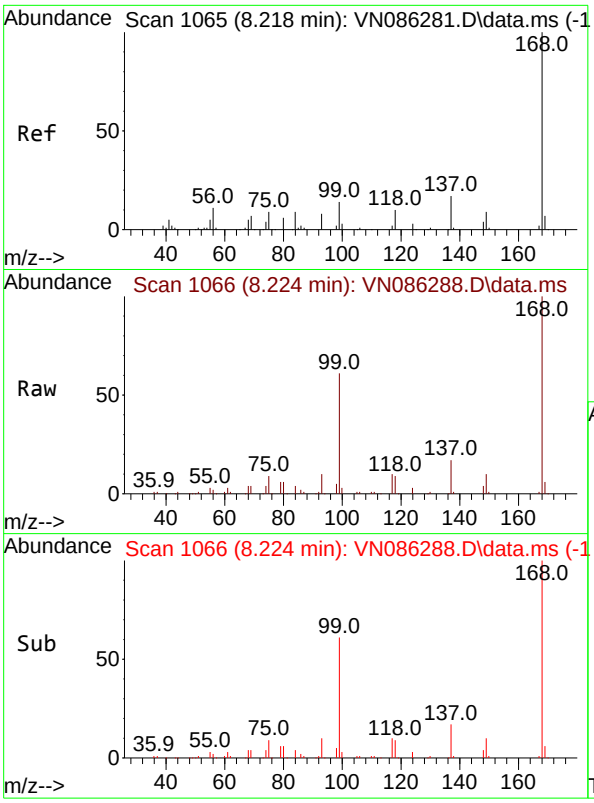
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086288.D
Acq On : 16 Apr 2025 10:12
Operator : JC\MD
Sample : VN0416WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

Quant Time: Apr 17 05:35:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



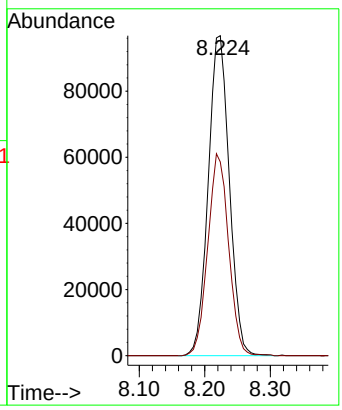


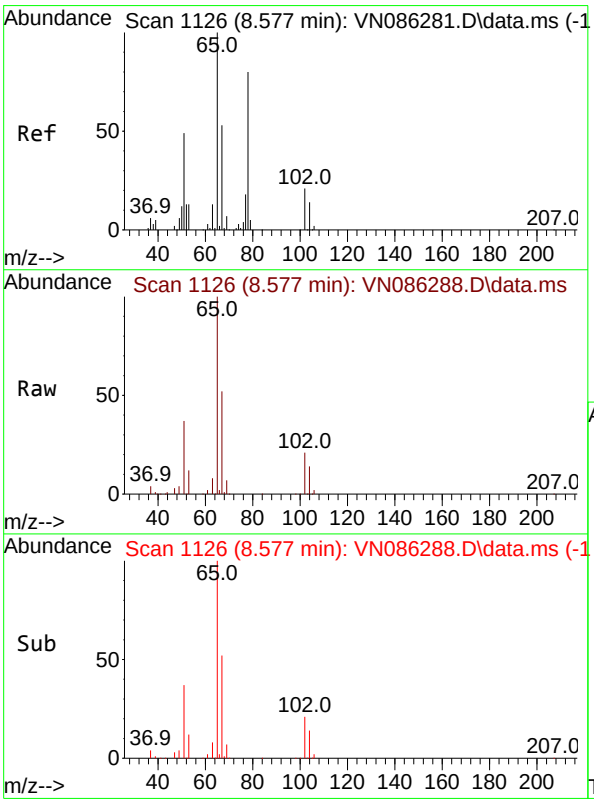
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

Tgt Ion:168 Resp: 215943

Ion	Ratio	Lower	Upper
168	100		
99	60.5	52.5	78.7

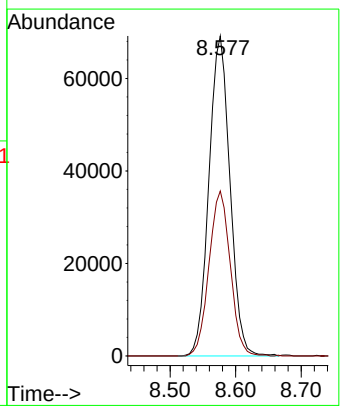


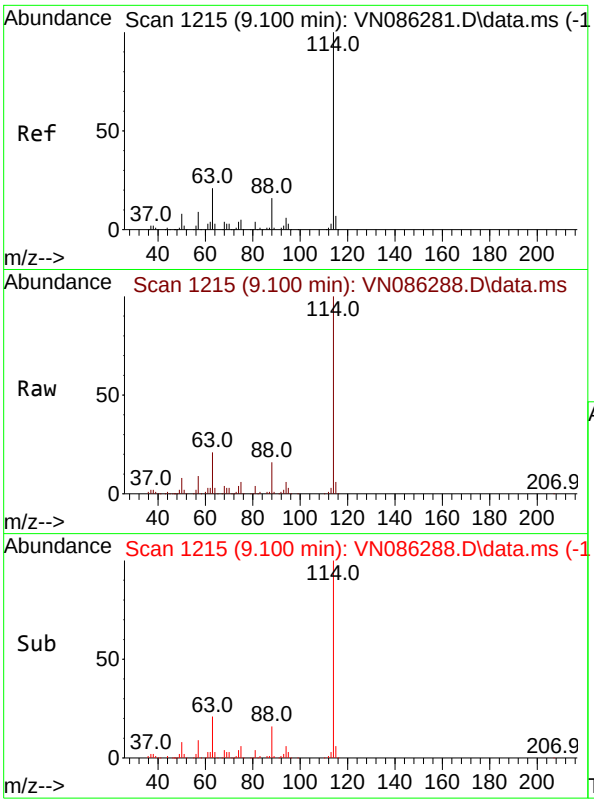


#33
1,2-Dichloroethane-d4
Concen: 49.158 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Tgt Ion: 65 Resp: 153932

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0



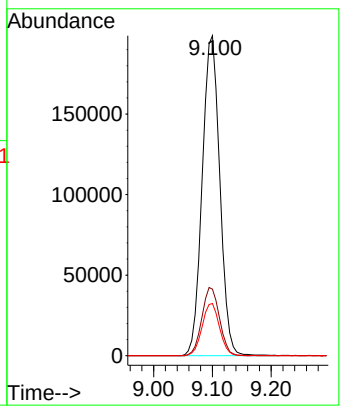


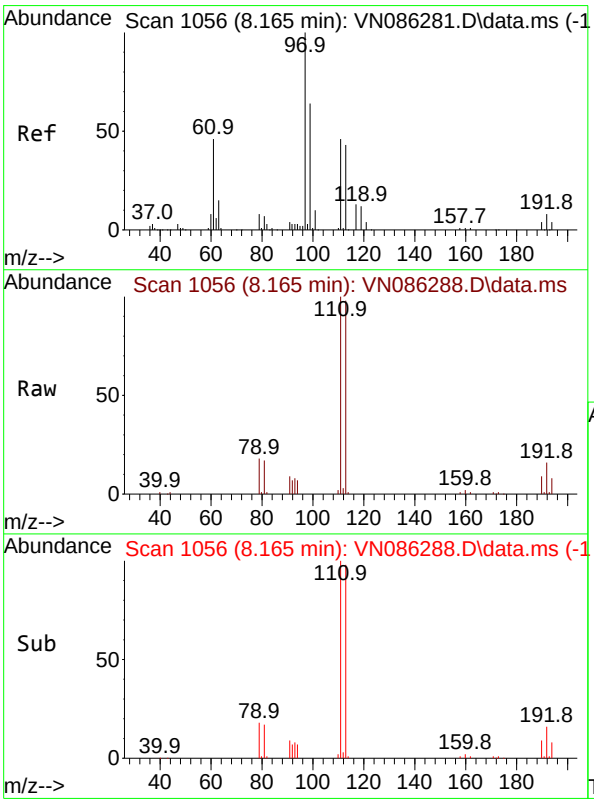
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

Tgt Ion:114 Resp: 412690

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	16.3	0.0	31.8

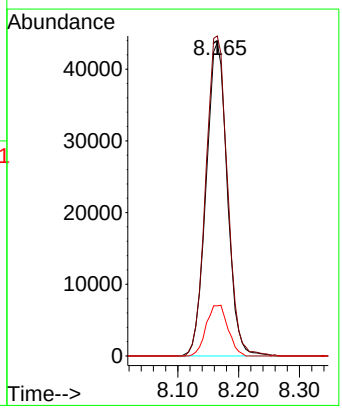


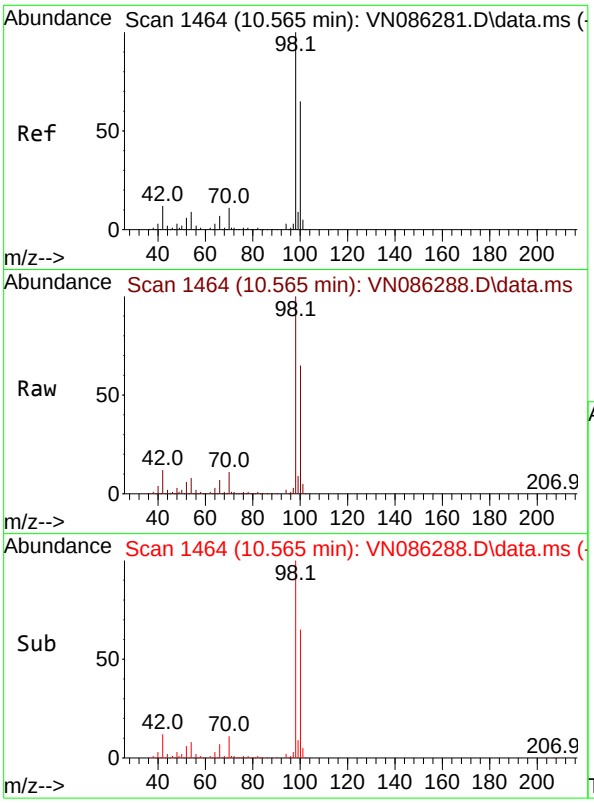


#35
Dibromofluoromethane
Concen: 55.034 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Tgt Ion:113 Resp: 105409

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.0
192	16.7	13.7	20.5



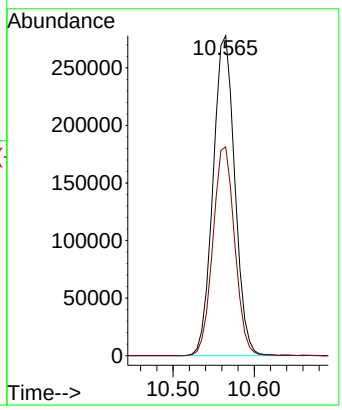


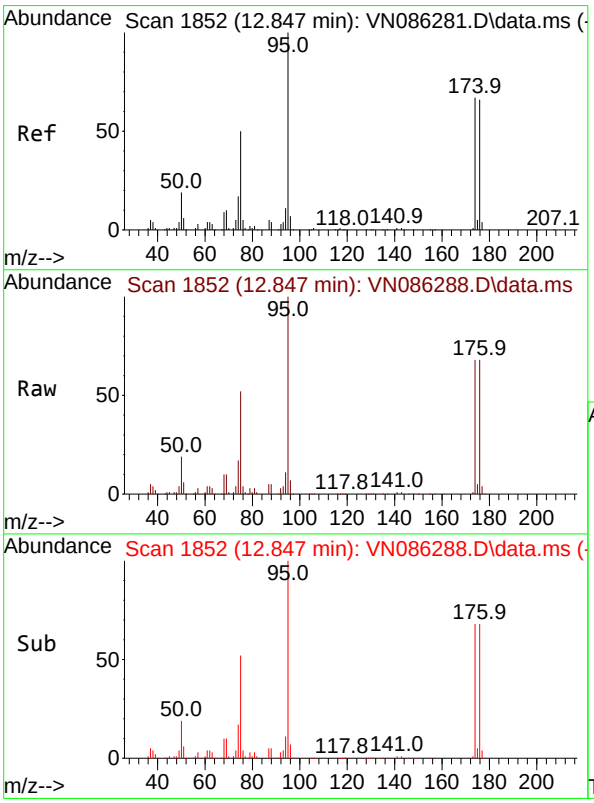
#50
Toluene-d8
Concen: 50.637 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

Tgt Ion: 98 Resp: 518345

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7

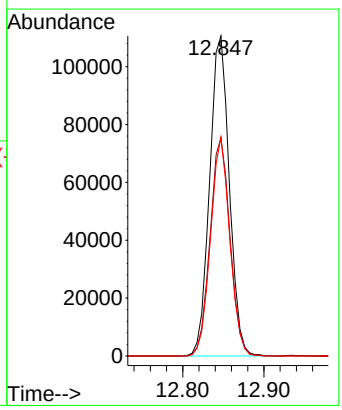


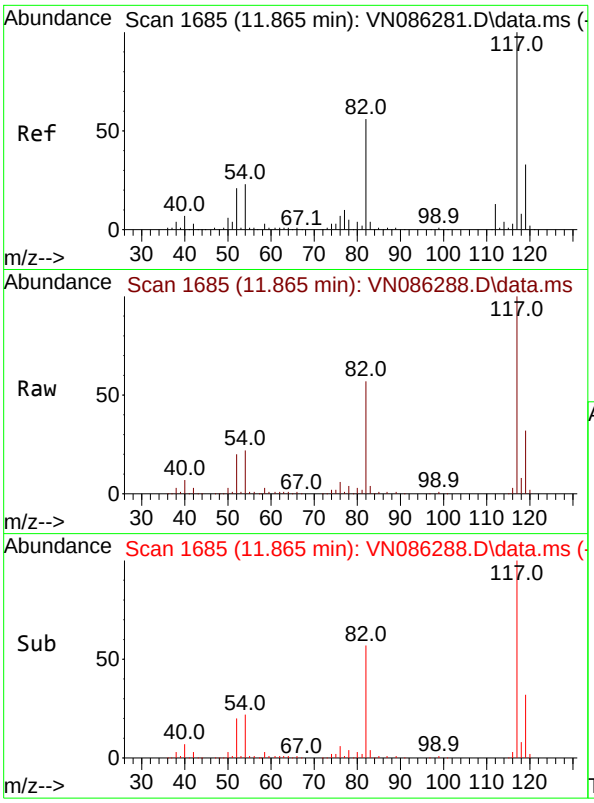


#62
4-Bromofluorobenzene
Concen: 49.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Tgt Ion: 95 Resp: 186209

Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	133.4
176	66.4	0.0	129.2



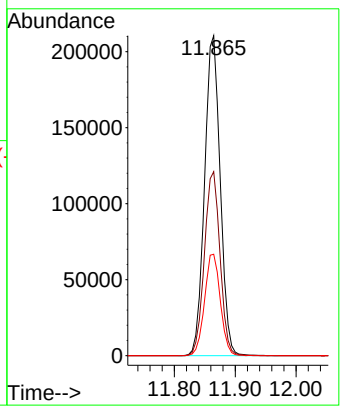


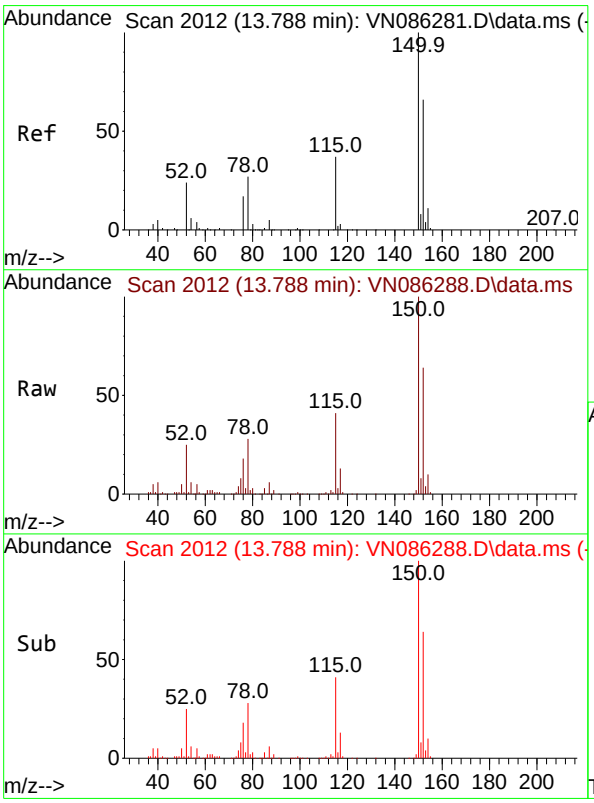
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

Tgt Ion:117 Resp: 374988

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.7	67.1
119	31.7	26.4	39.6

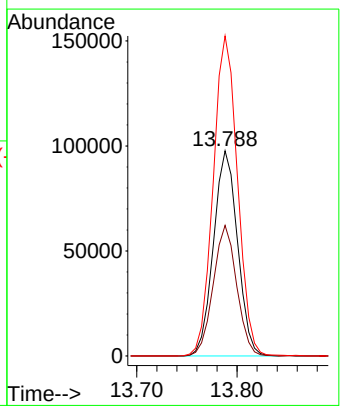




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Tgt Ion:152 Resp: 162383

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.9	95.9
150	158.0	0.0	352.0



Raw Data: **VN086289.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:	VN0416WBS01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086289.D	1		04/16/25 11:52	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.8		0.22	1.00	ug/L
74-87-3	Chloromethane	17.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.8		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	17.7		0.31	1.00	ug/L
74-83-9	Bromomethane	19.7		1.40	5.00	ug/L
75-00-3	Chloroethane	17.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.2		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	93.1		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.1		0.23	1.00	ug/L
107-02-8	Acrolein	86.8		7.10	25.0	ug/L
107-13-1	Acrylonitrile	91.5		0.83	5.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.8		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.4		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	88.9		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	17.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.5		1.50	5.00	ug/L
78-93-3	2-Butanone	93.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	18.3		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	25.4		0.22	1.00	ug/L
67-66-3	Chloroform	17.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.1		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.1		0.15	1.00	ug/L

Raw Data: **VN086289.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:	VN0416WBS01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086289.D	1		04/16/25 11:52	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	17.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.8		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.3		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	18.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	89.9		0.68	5.00	ug/L
108-88-3	Toluene	18.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.9		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	17.9		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	74.2		0.30	5.00	ug/L
591-78-6	2-Hexanone	92.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.9		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	17.9		0.19	1.00	ug/L
67-72-1	Hexachloroethane	17.8		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.3		0.24	2.00	ug/L
95-47-6	o-Xylene	18.0		0.12	1.00	ug/L
100-42-5	Styrene	18.1		0.15	1.00	ug/L
75-25-2	Bromoform	18.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.1		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	17.1		0.35	1.00	ug/L
108-86-1	Bromobenzene	17.9		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.0		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	17.8		0.14	1.00	ug/L

Raw Data: **VN086289.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:	VN0416WBS01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086289.D	1		04/16/25 11:52	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.0		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	17.8		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	18.2		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	17.9		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	18.2		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.2		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	18.6		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.4		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	19.6		0.30	1.00	ug/L
91-20-3	Naphthalene	19.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	50.8		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	283000	8.218			
540-36-3	1,4-Difluorobenzene	522000	9.094			
3114-55-4	Chlorobenzene-d5	460000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	209000	13.788			

Raw Data: **VN086289.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:	VN0416WBS01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086289.D	1		04/16/25 11:52	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086289.D
Acq On : 16 Apr 2025 11:52
Operator : JC\MD
Sample : VN0416WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 03:05:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	282564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	522491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	207315	50.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	8.165	113	122233	50.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	10.565	98	658487	50.809	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.847	95	235301	49.777	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	62834	18.759	ug/l	98
3) Chloromethane	2.359	50	83619	17.177	ug/l	99
4) Vinyl Chloride	2.512	62	82618	17.784	ug/l	99
5) Bromomethane	2.959	94	41141	19.688	ug/l	99
6) Chloroethane	3.118	64	53710	17.275	ug/l	99
7) Trichlorofluoromethane	3.501	101	91973	17.873	ug/l	96
8) Diethyl Ether	3.959	74	40364	17.968	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	56567	18.172	ug/l	99
10) Methyl Iodide	4.583	142	66719	19.495	ug/l	100
11) Tert butyl alcohol	5.512	59	69597	93.093	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56875	17.101	ug/l	90
13) Acrolein	4.183	56	33709	86.849	ug/l	98
14) Allyl chloride	5.024	41	108413	18.337	ug/l	93
15) Acrylonitrile	5.712	53	169017	91.453	ug/l	100
16) Acetone	4.424	43	149040	101.823	ug/l	99
17) Carbon Disulfide	4.712	76	167280	16.798	ug/l	97
18) Methyl Acetate	5.018	43	85073	17.297	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	213988	17.504	ug/l	99
20) Methylene Chloride	5.277	84	64725	17.087	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	60388	17.368	ug/l	98
22) Diisopropyl ether	6.665	45	221304	17.207	ug/l	99
23) Vinyl Acetate	6.600	43	799295	88.904	ug/l	100
24) 1,1-Dichloroethane	6.565	63	120270	17.724	ug/l	99
25) 2-Butanone	7.477	43	238212	93.400	ug/l	99
26) 2,2-Dichloropropane	7.489	77	111024	18.273	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	75460	17.486	ug/l	98
28) Bromochloromethane	7.812	49	72980	25.364	ug/l	99
29) Tetrahydrofuran	7.836	42	150252	88.099	ug/l	99
30) Chloroform	7.965	83	116681	17.504	ug/l	100
31) Cyclohexane	8.253	56	116431	17.534	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	101815	17.854	ug/l	99
36) 1,1-Dichloropropene	8.371	75	87429	18.051	ug/l	99
37) Ethyl Acetate	7.553	43	90455	17.739	ug/l	98
38) Carbon Tetrachloride	8.359	117	82737	17.938	ug/l	100
39) Methylcyclohexane	9.600	83	104143	18.090	ug/l	99
40) Benzene	8.600	78	278025	17.916	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086289.D
Acq On : 16 Apr 2025 11:52
Operator : JC\MD
Sample : VN0416WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 03:05:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	51131	17.301	ug/l		97
42) 1,2-Dichloroethane	8.665	62	87802	17.743	ug/l		100
43) Isopropyl Acetate	8.683	43	172068	17.329	ug/l		99
44) Trichloroethene	9.347	130	66974	18.209	ug/l		98
45) 1,2-Dichloropropane	9.618	63	67554	17.784	ug/l		98
46) Dibromomethane	9.706	93	44348	18.324	ug/l		99
47) Bromodichloromethane	9.883	83	94506	18.079	ug/l		97
48) Methyl methacrylate	9.677	41	76692	17.127	ug/l		97
49) 1,4-Dioxane	9.694	88	27492	360.936	ug/l		99
51) 4-Methyl-2-Pentanone	10.441	43	469595	89.934	ug/l		99
52) Toluene	10.624	92	174573	18.029	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	105914	18.151	ug/l		99
54) cis-1,3-Dichloropropene	10.306	75	113584	17.722	ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	62343	17.895	ug/l		99
56) Ethyl methacrylate	10.871	69	113753	17.763	ug/l		99
57) 1,3-Dichloropropane	11.159	76	110884	17.939	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	225469	74.181	ug/l		100
59) 2-Hexanone	11.194	43	358683	92.611	ug/l		100
60) Dibromochloromethane	11.353	129	69031	18.045	ug/l		100
61) 1,2-Dibromoethane	11.465	107	63744	18.134	ug/l		99
64) Tetrachloroethene	11.100	164	65974	18.639	ug/l		98
65) Chlorobenzene	11.888	112	184055	17.923	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	60477	17.852	ug/l		99
67) Ethyl Benzene	11.959	91	332795	17.959	ug/l		99
68) m/p-Xylenes	12.065	106	252292	36.335	ug/l		97
69) o-Xylene	12.394	106	123540	17.991	ug/l		98
70) Styrene	12.412	104	207507	18.137	ug/l		99
71) Bromoform	12.576	173	46081	18.067	ug/l	#	98
73) Isopropylbenzene	12.694	105	304303	17.829	ug/l		99
74) N-amyl acetate	12.488	43	139157	16.378	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.935	83	83847	17.086	ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	84064m	17.073	ug/l		
77) Bromobenzene	12.976	156	67868	17.946	ug/l		99
78) n-propylbenzene	13.035	91	362369	18.018	ug/l		99
79) 2-Chlorotoluene	13.123	91	223889	17.790	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	251187	17.981	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	39861	19.443	ug/l		94
82) 4-Chlorotoluene	13.218	91	222909	17.831	ug/l		99
83) tert-Butylbenzene	13.435	119	220122	18.186	ug/l		97
84) 1,2,4-Trimethylbenzene	13.476	105	254651	17.909	ug/l		99
85) sec-Butylbenzene	13.612	105	304877	18.159	ug/l		100
86) p-Isopropyltoluene	13.723	119	251538	18.177	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	127951	17.998	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	128408	17.933	ug/l		100
89) n-Butylbenzene	14.053	91	227898	18.579	ug/l		100
90) Hexachloroethane	14.329	117	41324	17.753	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	123552	17.926	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18530	18.727	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	63878	19.355	ug/l		99
94) Hexachlorobutadiene	15.500	225	24374	19.564	ug/l		98
95) Naphthalene	15.635	128	222770	19.041	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	59442	19.024	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086289.D
Acq On : 16 Apr 2025 11:52
Operator : JC\MD
Sample : VN0416WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 03:05:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

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

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

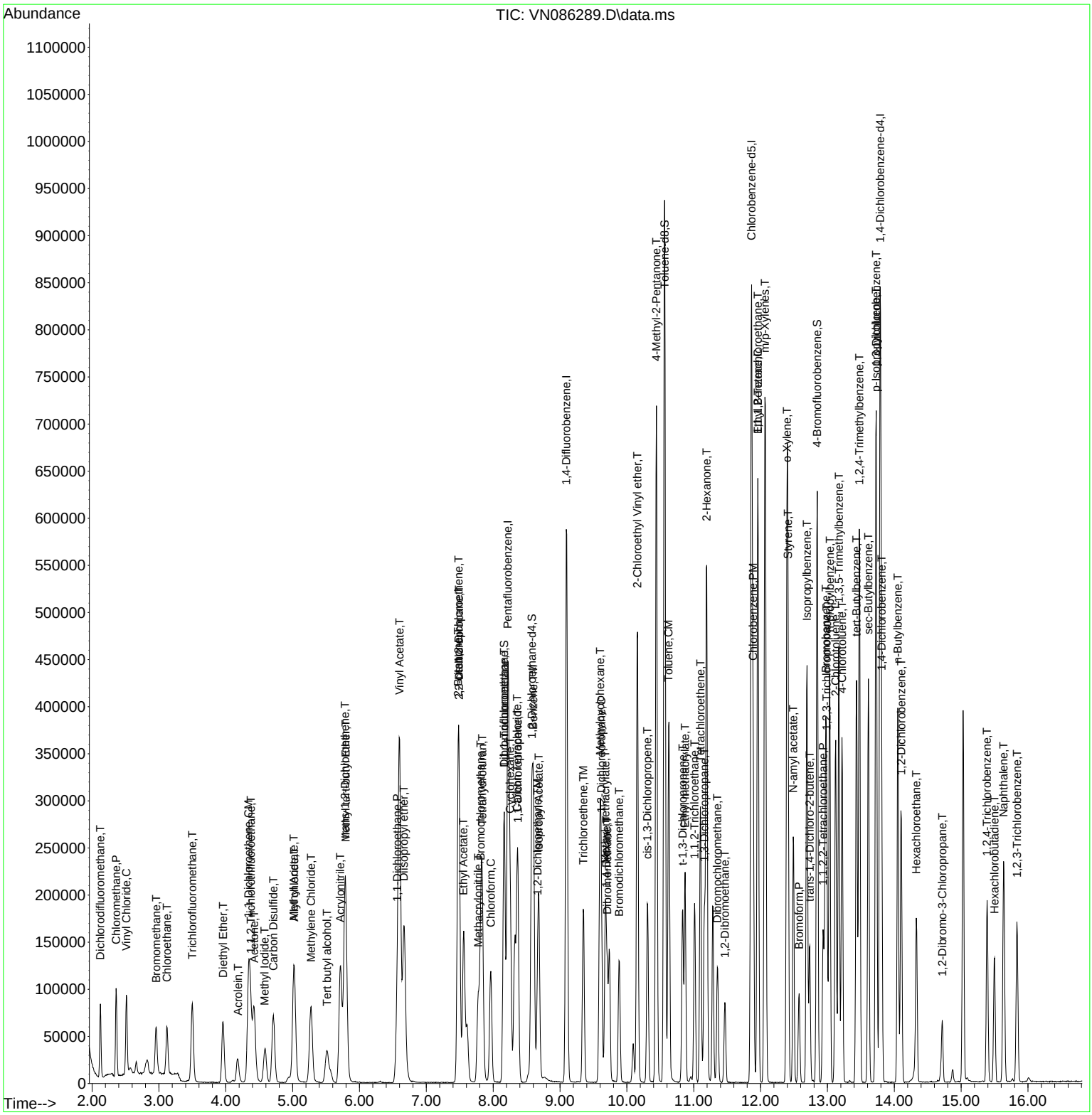
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086289.D
Acq On : 16 Apr 2025 11:52
Operator : JC\MD
Sample : VN0416WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 03:05:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



Raw Data: **VN086292.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:	VN0416WBSD01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086292.D	1		04/16/25 13:14	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.6		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	19.7		0.31	1.00	ug/L
74-83-9	Bromomethane	21.7		1.40	5.00	ug/L
75-00-3	Chloroethane	18.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		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	19.3		0.23	1.00	ug/L
107-02-8	Acrolein	130		7.10	25.0	ug/L
107-13-1	Acrylonitrile	99.1		0.83	5.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	95.7		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.2		1.50	5.00	ug/L
78-93-3	2-Butanone	98.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.6		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	22.3		0.22	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.7		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	19.8		0.15	1.00	ug/L

Raw Data: **VN086292.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:	VN0416WBSD01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086292.D	1		04/16/25 13:14	VN041625

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	19.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.3		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.7		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	19.8		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	99.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.7		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.3		0.19	1.00	ug/L
67-72-1	Hexachloroethane	19.5		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.8		0.24	2.00	ug/L
95-47-6	o-Xylene	19.9		0.12	1.00	ug/L
100-42-5	Styrene	20.0		0.15	1.00	ug/L
75-25-2	Bromoform	20.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.0		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.8		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.2		0.35	1.00	ug/L
108-86-1	Bromobenzene	20.4		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.0		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	20.0		0.14	1.00	ug/L

Raw Data: **VN086292.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:	VN0416WBSD01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086292.D	1		04/16/25 13:14	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.0		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	20.2		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.7		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.0		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.1		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.0		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	19.7		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.1		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.7		0.30	1.00	ug/L
91-20-3	Naphthalene	19.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	54.6		86 - 113	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	8.224			
540-36-3	1,4-Difluorobenzene	407000	9.1			
3114-55-4	Chlorobenzene-d5	359000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	161000	13.788			

Raw Data: **VN086292.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:	VN0416WBSD01	SDG No.:	Q1793
Lab Sample ID:	VN0416WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086292.D	1		04/16/25 13:14	VN041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086292.D
Acq On : 16 Apr 2025 13:14
Operator : JC\MD
Sample : VN0416WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 17 03:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	223172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	407332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173008	53.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	8.165	113	105236	55.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.340%			
50) Toluene-d8	10.565	98	551979	54.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.847	95	197374	53.558	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	54889	20.748	ug/l	98
3) Chloromethane	2.359	50	73640	19.153	ug/l	99
4) Vinyl Chloride	2.512	62	72012	19.627	ug/l	99
5) Bromomethane	2.959	94	35852	21.723	ug/l	99
6) Chloroethane	3.124	64	46393	18.893	ug/l	99
7) Trichlorofluoromethane	3.501	101	80825	19.887	ug/l	95
8) Diethyl Ether	3.959	74	34233	19.294	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	48530	19.739	ug/l	98
10) Methyl Iodide	4.589	142	59815	22.129	ug/l	98
11) Tert butyl alcohol	5.506	59	61056	103.402	ug/l	99
12) 1,1-Dichloroethene	4.342	96	50790	19.336	ug/l	97
13) Acrolein	4.177	56	37096	127.326	ug/l	97
14) Allyl chloride	5.024	41	85613	18.335	ug/l	98
15) Acrylonitrile	5.718	53	144663	99.107	ug/l	99
16) Acetone	4.424	43	122285	106.004	ug/l	98
17) Carbon Disulfide	4.712	76	143642	18.263	ug/l	100
18) Methyl Acetate	5.024	43	71275	18.348	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	185776	19.240	ug/l	98
20) Methylene Chloride	5.277	84	58313	19.491	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	53284	19.403	ug/l	94
22) Diisopropyl ether	6.671	45	190187	18.723	ug/l	98
23) Vinyl Acetate	6.600	43	679753	95.728	ug/l	99
24) 1,1-Dichloroethane	6.571	63	102692	19.160	ug/l	99
25) 2-Butanone	7.477	43	197426	98.009	ug/l	99
26) 2,2-Dichloropropane	7.488	77	94224	19.635	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	65425	19.195	ug/l	99
28) Bromochloromethane	7.812	49	50709	22.314	ug/l	97
29) Tetrahydrofuran	7.835	42	128288	95.239	ug/l	99
30) Chloroform	7.965	83	101723	19.321	ug/l	99
31) Cyclohexane	8.253	56	100612	19.184	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	88042	19.548	ug/l	97
36) 1,1-Dichloropropene	8.371	75	74728	19.791	ug/l	100
37) Ethyl Acetate	7.559	43	78235	19.680	ug/l	98
38) Carbon Tetrachloride	8.359	117	71510	19.887	ug/l	99
39) Methylcyclohexane	9.600	83	88385	19.693	ug/l	98
40) Benzene	8.606	78	239253	19.776	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086292.D
Acq On : 16 Apr 2025 13:14
Operator : JC\MD
Sample : VN0416WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 17 03:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	46759	20.295	ug/l		98
42) 1,2-Dichloroethane	8.665	62	76607	19.857	ug/l		100
43) Isopropyl Acetate	8.682	43	152965	20.057	ug/l		98
44) Trichloroethene	9.347	130	57388	20.014	ug/l		96
45) 1,2-Dichloropropane	9.618	63	58148	19.636	ug/l		99
46) Dibromomethane	9.706	93	38369	20.335	ug/l		99
47) Bromodichloromethane	9.882	83	80669	19.795	ug/l		96
48) Methyl methacrylate	9.677	41	65898	18.877	ug/l		98
49) 1,4-Dioxane	9.694	88	24101	405.872	ug/l		99
51) 4-Methyl-2-Pentanone	10.441	43	407802	100.180	ug/l		99
52) Toluene	10.629	92	149726	19.835	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	90396	19.871	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	97983	19.610	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	53405	19.663	ug/l		95
56) Ethyl methacrylate	10.871	69	97183	19.466	ug/l		99
57) 1,3-Dichloropropane	11.159	76	95407	19.799	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	238231	100.539	ug/l		100
59) 2-Hexanone	11.188	43	301404	99.823	ug/l		99
60) Dibromochloromethane	11.353	129	59988	20.114	ug/l		100
61) 1,2-Dibromoethane	11.465	107	55491	20.249	ug/l		99
64) Tetrachloroethene	11.100	164	56794	20.560	ug/l		95
65) Chlorobenzene	11.888	112	158263	19.747	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	50996	19.288	ug/l		96
67) Ethyl Benzene	11.959	91	287125	19.853	ug/l		100
68) m/p-Xylenes	12.065	106	215908	39.843	ug/l		99
69) o-Xylene	12.394	106	106641	19.899	ug/l		100
70) Styrene	12.406	104	178378	19.977	ug/l		100
71) Bromoform	12.576	173	40361	20.276	ug/l	#	97
73) Isopropylbenzene	12.694	105	262970	19.972	ug/l		100
74) N-amyl acetate	12.488	43	120719	18.417	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	74922	19.790	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	72842m	19.177	ug/l		
77) Bromobenzene	12.976	156	59625	20.438	ug/l		99
78) n-propylbenzene	13.029	91	310295	19.999	ug/l		100
79) 2-Chlorotoluene	13.123	91	193887	19.971	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	215520	19.999	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.729	75	35468	22.426	ug/l		92
82) 4-Chlorotoluene	13.217	91	194326	20.150	ug/l		99
83) tert-Butylbenzene	13.435	119	184001	19.705	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	219543	20.014	ug/l		99
85) sec-Butylbenzene	13.612	105	259844	20.062	ug/l		99
86) p-Isopropyltoluene	13.723	119	213950	20.041	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	110278	20.108	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	109730	19.865	ug/l		99
89) n-Butylbenzene	14.053	91	186077	19.664	ug/l		99
90) Hexachloroethane	14.329	117	34980	19.480	ug/l		98
91) 1,2-Dichlorobenzene	14.100	146	108953	20.491	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15775	20.666	ug/l		96
93) 1,2,4-Trichlorobenzene	15.388	180	51282	20.142	ug/l		100
94) Hexachlorobutadiene	15.494	225	19936	20.743	ug/l		98
95) Naphthalene	15.635	128	179516	19.890	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	47677	19.779	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086292.D
Acq On : 16 Apr 2025 13:14
Operator : JC\MD
Sample : VN0416WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 17 03:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086292.D
Acq On : 16 Apr 2025 13:14
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
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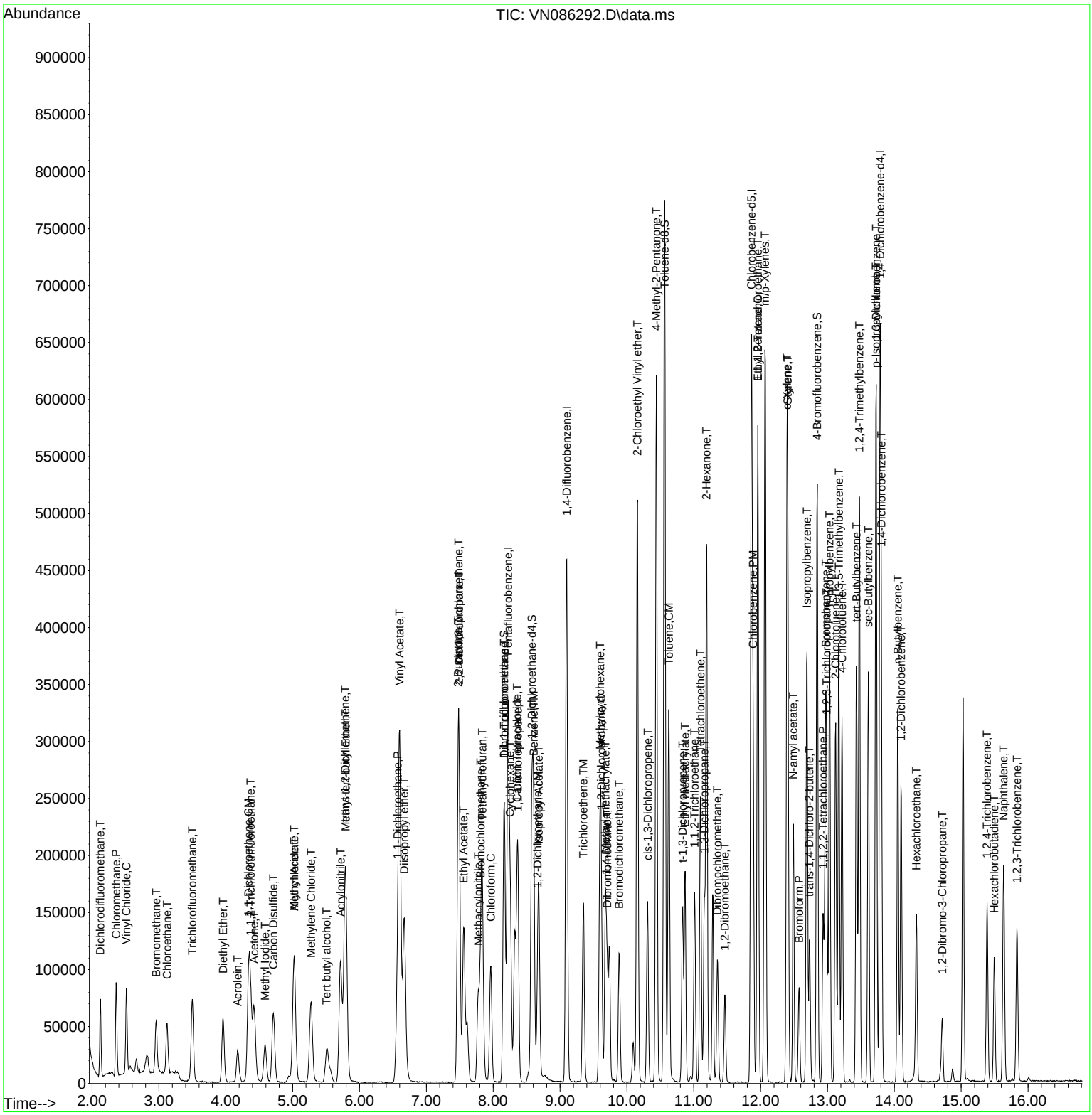
Quant Time: Apr 17 03:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



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

Manual Integration Report

Sequence:	VN041525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086277.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:06:57 AM	SAM	4/16/2025 3:43:50 PM	Peak Integrated by Software
VSTDICC001	VN086277.D	1,4-Dichlorobenzene	JOHN	4/16/2025 9:06:57 AM	SAM	4/16/2025 3:43:50 PM	Peak Integrated by Software
VSTDICC001	VN086277.D	Acetone	JOHN	4/16/2025 9:06:57 AM	SAM	4/16/2025 3:43:50 PM	Peak Integrated by Software
VSTDICC005	VN086278.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:03 AM	SAM	4/16/2025 3:44:01 PM	Peak Integrated by Software
VSTDICC005	VN086278.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:03 AM	SAM	4/16/2025 3:44:01 PM	Peak Integrated by Software
VSTDICC005	VN086278.D	Vinyl Acetate	JOHN	4/16/2025 9:07:03 AM	SAM	4/16/2025 3:44:01 PM	Peak Integrated by Software
VSTDICC010	VN086279.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:07 AM	SAM	4/16/2025 3:44:03 PM	Peak Integrated by Software
VSTDICC010	VN086279.D	Allyl chloride	JOHN	4/16/2025 9:07:07 AM	SAM	4/16/2025 3:44:03 PM	Peak Integrated by Software
VSTDICC020	VN086280.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:11 AM	SAM	4/16/2025 3:44:07 PM	Peak Integrated by Software
VSTDICC020	VN086280.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:11 AM	SAM	4/16/2025 3:44:07 PM	Peak Integrated by Software
VSTDICC020	VN086280.D	Vinyl Acetate	JOHN	4/16/2025 9:07:11 AM	SAM	4/16/2025 3:44:07 PM	Peak Integrated by Software
VSTDICCC050	VN086281.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:15 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software
VSTDICCC050	VN086281.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:15 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN041525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN086282.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:19 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software
VSTDICC100	VN086282.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:19 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software
VSTDICV050	VN086284.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:24 AM	SAM	4/16/2025 3:44:13 PM	Peak Integrated by Software
VSTDICV050	VN086284.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:24 AM	SAM	4/16/2025 3:44:13 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN041625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086286.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:04:20 AM	MMDadoda	4/17/2025 1:41:47 PM	Peak Integrated by Software
VN0416WBS01	VN086289.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:04:25 AM	MMDadoda	4/17/2025 1:41:48 PM	Peak Integrated by Software
VN0416WBSD01	VN086292.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:04:34 AM	MMDadoda	4/17/2025 1:41:55 PM	Peak Integrated by Software
VSTDCCC050	VN086311.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:05:10 AM	MMDadoda	4/17/2025 1:42:00 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041525

Review By	John Carlone	Review On	4/16/2025 9:07:40 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	4/16/2025 3:44:21 PM				
SubDirectory	VN041525	HP Acquire Method	MSVOA_N		HP Processing Method	82N041525W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP133665
Initial Calibration Stds	VP133667,VP133668,VP133669,VP133670,VP133671,VP133672
CCC	
Internal Standard/PEM	VP131746
ICV/I.BLK	VP133673
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086276.D	15 Apr 2025 10:47	JC\MD	Ok
2	VSTDICC001	VN086277.D	15 Apr 2025 11:29	JC\MD	Ok,M
3	VSTDICC005	VN086278.D	15 Apr 2025 12:21	JC\MD	Ok,M
4	VSTDICC010	VN086279.D	15 Apr 2025 12:45	JC\MD	Ok,M
5	VSTDICC020	VN086280.D	15 Apr 2025 13:09	JC\MD	Ok,M
6	VSTDICCC050	VN086281.D	15 Apr 2025 13:51	JC\MD	Ok,M
7	VSTDICC100	VN086282.D	15 Apr 2025 14:29	JC\MD	Ok,M
8	VIBLK	VN086283.D	15 Apr 2025 15:06	JC\MD	Ok
9	VSTDICV050	VN086284.D	15 Apr 2025 15:30	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041625

Review By	John Carlone	Review On	4/17/2025 9:07:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/17/2025 1:42:06 PM		
SubDirectory	VN041625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133674
Initial Calibration Stds	
CCC	VP133675,VP133676
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086285.D	16 Apr 2025 08:38	JC\MD	Ok
2	VSTDCCC050	VN086286.D	16 Apr 2025 09:14	JC\MD	Ok,M
3	VN0416MBL01	VN086287.D	16 Apr 2025 09:48	JC\MD	Ok
4	VN0416WBL01	VN086288.D	16 Apr 2025 10:12	JC\MD	Ok
5	VN0416WBS01	VN086289.D	16 Apr 2025 11:52	JC\MD	Ok,M
6	VN0416WBS02	VN086290.D	16 Apr 2025 12:26	JC\MD	Not Ok
7	IBLK	VN086291.D	16 Apr 2025 12:50	JC\MD	Ok
8	VN0416WBSD01	VN086292.D	16 Apr 2025 13:14	JC\MD	Ok,M
9	Q1812-02	VN086293.D	16 Apr 2025 13:38	JC\MD	Ok
10	Q1812-03	VN086294.D	16 Apr 2025 14:02	JC\MD	Ok
11	Q1812-01	VN086295.D	16 Apr 2025 14:26	JC\MD	Ok
12	Q1793-02	VN086296.D	16 Apr 2025 14:50	JC\MD	Ok
13	Q1793-03	VN086297.D	16 Apr 2025 15:14	JC\MD	Ok
14	Q1793-04	VN086298.D	16 Apr 2025 15:39	JC\MD	Ok
15	Q1793-01	VN086299.D	16 Apr 2025 16:03	JC\MD	Ok
16	Q1760-07MEDL	VN086300.D	16 Apr 2025 16:27	JC\MD	Ok
17	IBLK	VN086301.D	16 Apr 2025 16:51	JC\MD	Ok
18	Q1760-07ME	VN086302.D	16 Apr 2025 17:15	JC\MD	Dilution
19	IBLK	VN086303.D	16 Apr 2025 17:39	JC\MD	Ok
20	VN0416MBS01	VN086304.D	16 Apr 2025 18:03	JC\MD	Ok,M
21	Q1791-14	VN086305.D	16 Apr 2025 18:27	JC\MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041625

Review By	John Carlone	Review On	4/17/2025 9:07:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/17/2025 1:42:06 PM		
SubDirectory	VN041625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133674
Initial Calibration Stds	
CCC	VP133675,VP133676
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1791-09	VN086306.D	16 Apr 2025 18:51	JC\MD	Ok
23	Q1791-10	VN086307.D	16 Apr 2025 19:16	JC\MD	Ok
24	Q1791-11	VN086308.D	16 Apr 2025 19:40	JC\MD	Ok
25	Q1791-13	VN086309.D	16 Apr 2025 20:04	JC\MD	Ok
26	Q1791-12	VN086310.D	16 Apr 2025 20:28	JC\MD	Ok
27	VSTDCCC050	VN086311.D	16 Apr 2025 20:52	JC\MD	Not Ok

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041525

Review By	John Carlone	Review On	4/16/2025 9:07:40 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	4/16/2025 3:44:21 PM		
SubDirectory	VN041525	HP Acquire Method	MSVOA_N	HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133665
Initial Calibration Stds	VP133667,VP133668,VP133669,VP133670,VP133671,VP133672
CCC	
Internal Standard/PEM	VP131746
ICV/I.BLK	VP133673
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086276.D	15 Apr 2025 10:47		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086277.D	15 Apr 2025 11:29		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086278.D	15 Apr 2025 12:21	Comp.#13,16 is on Linear Regression	JC\MD	Ok,M
4	VSTDICC010	VSTDICC010	VN086279.D	15 Apr 2025 12:45	Comp.#43 is on Quadratic Regression	JC\MD	Ok,M
5	VSTDICC020	VSTDICC020	VN086280.D	15 Apr 2025 13:09		JC\MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VN086281.D	15 Apr 2025 13:51		JC\MD	Ok,M
7	VSTDICC100	VSTDICC100	VN086282.D	15 Apr 2025 14:29		JC\MD	Ok,M
8	VIBLK	VIBLK	VN086283.D	15 Apr 2025 15:06		JC\MD	Ok
9	VSTDICV050	ICVVN041525	VN086284.D	15 Apr 2025 15:30		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041625

Review By	John Carlone	Review On	4/17/2025 9:07:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/17/2025 1:42:06 PM		
SubDirectory	VN041625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133674
Initial Calibration Stds	
CCC	VP133675,VP133676
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	VN086285.D	16 Apr 2025 08:38		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086286.D	16 Apr 2025 09:14	pH#Lot#V12668	JC\MD	Ok,M
3	VN0416MBL01	VN0416MBL01	VN086287.D	16 Apr 2025 09:48		JC\MD	Ok
4	VN0416WBL01	VN0416WBL01	VN086288.D	16 Apr 2025 10:12		JC\MD	Ok
5	VN0416WBS01	VN0416WBS01	VN086289.D	16 Apr 2025 11:52		JC\MD	Ok,M
6	VN0416WBS02	VN0416WBS02	VN086290.D	16 Apr 2025 12:26	Surrogate Fail	JC\MD	Not Ok
7	IBLK	IBLK	VN086291.D	16 Apr 2025 12:50		JC\MD	Ok
8	VN0416WBSD01	VN0416WBSD01	VN086292.D	16 Apr 2025 13:14		JC\MD	Ok,M
9	Q1812-02	RINSE-EB-TANK-0415	VN086293.D	16 Apr 2025 13:38	vial A pH<2	JC\MD	Ok
10	Q1812-03	RINSE-EB-PUMP-0415	VN086294.D	16 Apr 2025 14:02	vial A pH<2	JC\MD	Ok
11	Q1812-01	TB01-041525	VN086295.D	16 Apr 2025 14:26	vial A pH<2 TB	JC\MD	Ok
12	Q1793-02	Storage-Blank-WATER-	VN086296.D	16 Apr 2025 14:50	vial A pH<2	JC\MD	Ok
13	Q1793-03	Storage-Blank-WATER-	VN086297.D	16 Apr 2025 15:14	vial A pH<2	JC\MD	Ok
14	Q1793-04	Storage-Blank-SAMPLE	VN086298.D	16 Apr 2025 15:39	vial A pH<2	JC\MD	Ok
15	Q1793-01	Storage-Blank-SOIL-RE	VN086299.D	16 Apr 2025 16:03	vial A pH<2	JC\MD	Ok
16	Q1760-07MEDL	TP-15-VOCMEDL	VN086300.D	16 Apr 2025 16:27		JC\MD	Ok
17	IBLK	IBLK	VN086301.D	16 Apr 2025 16:51		JC\MD	Ok
18	Q1760-07ME	TP-15-VOCME	VN086302.D	16 Apr 2025 17:15	Need 10X	JC\MD	Dilution

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041625

Review By	John Carlone	Review On	4/17/2025 9:07:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/17/2025 1:42:06 PM		
SubDirectory	VN041625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133674
Initial Calibration Stds	
CCC	VP133675,VP133676
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	IBLK	IBLK	VN086303.D	16 Apr 2025 17:39		JC\MD	Ok
20	VN0416MBS01	VN0416MBS01	VN086304.D	16 Apr 2025 18:03		JC\MD	Ok,M
21	Q1791-14	VB16164	VN086305.D	16 Apr 2025 18:27	vial A pH<2	JC\MD	Ok
22	Q1791-09	VB16193	VN086306.D	16 Apr 2025 18:51	vial A pH<2	JC\MD	Ok
23	Q1791-10	280722	VN086307.D	16 Apr 2025 19:16	vial A pH<2	JC\MD	Ok
24	Q1791-11	280791	VN086308.D	16 Apr 2025 19:40	vial A pH<2	JC\MD	Ok
25	Q1791-13	279312	VN086309.D	16 Apr 2025 20:04	vial A pH<2	JC\MD	Ok
26	Q1791-12	V1207	VN086310.D	16 Apr 2025 20:28	vial A pH<2	JC\MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VN086311.D	16 Apr 2025 20:52	Out of Tune	JC\MD	Not Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135394

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
Q1775-01	SS050P-SD43-040725-00	1	1.15	10.35	11.5	6.12	48.0	
Q1775-02	SS050P-SD42-040725-00	2	1.15	10.18	11.33	7.22	59.6	
Q1775-03	SS050P-SD41-040725-00	3	1.15	10.12	11.27	6.88	56.6	
Q1775-04	SS050P-SD40-040725-00	4	1.16	11.92	13.08	7.03	49.2	
Q1775-05	SS050P-SD39-040725-00	5	1.15	10.21	11.36	7.69	64.1	
Q1775-06	SS050P-SD38-040725-00	6	1.16	11.21	12.37	9.22	71.9	
Q1775-07	SS050P-SD37-040725-00	7	1.18	10.39	11.57	9.76	82.6	
Q1775-08	SS050P-SD36-040725-00	8	1.17	10.91	12.08	10.12	82.0	
Q1775-09	SS050P-SD35-040725-00	9	1.13	10.62	11.75	8.47	69.1	
Q1775-10	SS050P-SD34-040725-00	10	1.13	10.92	12.05	7.16	55.2	
Q1775-11	SS050P-SD33-040725-00	11	1.15	11.04	12.19	7.26	55.3	
Q1775-12	SS050P-SD27-040725-00	12	1.16	10.05	11.21	7.65	64.6	
Q1775-13	SS050P-SD28-040725-00	13	1.13	10.98	12.11	10.09	81.6	
Q1775-14	SS050P-SD30-040725-00	14	1.14	10.00	11.14	9.25	81.1	
Q1775-15	SS050P-SD31-040725-00	15	1.16	10.21	11.37	9.24	79.1	
Q1777-01	AT054P-SD41-040825-00	43	1.14	10.53	11.67	7.93	64.5	
Q1777-02	AT054P-SD40-040825-00	44	1.17	11.23	12.4	3.39	19.8	
Q1777-03	AT054P-SD39-040825-00	45	1.19	10.50	11.69	6.4	49.6	
Q1777-04	AT054P-SD38-040825-00	46	1.14	10.26	11.4	7.27	59.7	
Q1777-05	AT054P-SD42-040825-00	47	1.14	10.53	11.67	4.8	34.8	
Q1777-06	SS050P-SD20-040825-00	48	1.19	10.09	11.28	8.92	76.6	
Q1777-07	SS050P-SD26-040825-00	49	1.15	10.08	11.23	6.87	56.7	
Q1777-08	SS050P-SD08-040825-00	50	1.16	10.29	11.45	9.34	79.5	
Q1777-09	SS050P-SD07-040825-00	51	1.16	10.23	11.39	9.57	82.2	
Q1777-10	SS050P-SD06-040825-00	52	1.19	10.57	11.76	10.13	84.6	
Q1777-11	SS057P-SD06-040825-00	53	1.16	12.65	13.81	7.38	49.2	
Q1777-12	SS057P-SD05-040825-00	54	1.14	11.16	12.3	9.00	70.4	
Q1778-01	AT016P-SD03-040825-00	67	1.17	10.53	11.7	9.93	83.2	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135394

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
Q1778-02	AT016P-SD09-040825-00	68	1.18	10.15	11.33	8.93	76.4	
Q1778-03	AT016P-SD10-040825-00	69	1.14	10.73	11.87	4.34	29.8	
Q1778-04	SS091P-SD06-040825-00	70	1.14	10.78	11.92	9.59	78.4	
Q1778-05	AT016P-SD07-040825-00	71	1.15	10.99	12.14	10.09	81.3	
Q1778-06	AT016P-SD08-040825-00	72	1.19	10.03	11.22	8.28	70.7	
Q1778-07	AT014P-SD16-040825-00	73	1.17	11.51	12.68	10.38	80.0	
Q1778-08	AT014P-SD17-040825-00	74	1.17	10.41	11.58	9.62	81.2	
Q1778-09	AT014P-SD18-040825-00	75	1.13	10.45	11.58	10.69	91.5	
Q1778-10	AT014P-SD19-040825-00	76	1.17	10.83	12.00	11.58	96.1	
Q1778-11	AT014P-SD21-040825-00	77	1.16	10.98	12.14	7.93	61.7	
Q1778-12	AT014P-SD20-040825-00	78	1.14	10.19	11.33	8.68	74.0	
Q1778-13	AT014P-SD15-040825-00	79	1.14	11.76	12.9	11.79	90.6	
Q1778-14	AT014P-SD22-040825-00	80	1.16	10.07	11.23	8.83	76.2	
Q1778-15	AT014P-SD23-040825-00	81	1.18	10.52	11.7	8.26	67.3	
Q1778-16	AT016P-SD12-040825-00	82	1.16	11.23	12.39	10.1	79.6	
Q1778-17	AT016P-SD11-040925-00	83	1.16	11.83	12.99	3.24	17.6	
Q1783-01	SU-03-41125	22	1.15	10.03	11.18	10.16	89.8	
Q1783-02	SU-03-41125-E2	23	1.18	10.22	11.4	10.36	89.8	
Q1784-01	OR-01-41125	24	1.19	10.07	11.26	10.5	92.5	
Q1784-02	OR-01-41125	25	1.18	10.39	11.57	10.72	91.8	
Q1785-01	HR-02-041125	26	1.19	10.43	11.62	10.92	93.3	
Q1785-02	HR-02-041125-E2	27	1.19	10.16	11.35	10.69	93.5	
Q1785-03	HR-03-041125	28	1.18	10.27	11.45	10.91	94.7	
Q1785-04	HR-03-041125-E2	29	1.18	10.51	11.69	11.11	94.5	
Q1786-01	41 MORRIS AVE-NEWARK	30	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1787-01	TP-5C	31	1.14	10.46	11.6	11.01	94.4	
Q1787-02	TP-5C-EPH	32	1.14	9.88	11.02	10.46	94.3	
Q1787-03	TP-5C-VOC	33	1.19	10.50	11.69	10.97	93.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135394

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
Q1787-05	TP-2C	34	1.15	10.83	11.98	10.48	86.1	
Q1787-06	TP-2C-EPH	35	1.13	10.64	11.77	10.19	85.2	
Q1787-07	TP-2C-VOC	36	1.17	10.10	11.27	9.69	84.4	
Q1787-09	TP-1	37	1.18	10.51	11.69	9.96	83.5	
Q1787-10	TP-1-EPH	38	1.15	10.89	12.04	10.39	84.8	
Q1787-11	TP-1-VOC	39	1.19	10.39	11.58	9.94	84.2	
Q1788-01	WC-1	40	1.19	10.23	11.42	9.84	84.6	
Q1788-02	WC-1-EPH	41	1.18	10.59	11.77	10.06	83.9	
Q1788-03	WC-1-VOC	42	1.18	10.07	11.25	10.21	89.7	
Q1790-01	S-872-GI-SO-20.0-20.5-041025	16	1.13	7.66	8.79	6.96	76.1	
Q1790-02	Q1790-01MS	17	1.13	7.66	8.79	6.96	76.1	
Q1790-03	Q1790-01MSD	18	1.13	7.66	8.79	6.96	76.1	
Q1790-04	S-871-GI-SO-23.0-23.5-041025	19	1.14	6.87	8.01	6.38	76.3	
Q1790-05	S-871-GI-SO-23.0-23.5-041025-FD	20	1.12	6.87	7.99	6.36	76.3	
Q1790-06	S-870-GI-SO-22.0-22.5-041025	21	1.13	5.95	7.08	5.28	69.7	
Q1791-07	290502	84	1.13	11.29	12.42	4.74	32.0	sludge sample
Q1792-01	TR-05-041125	55	1.19	10.51	11.7	10.64	89.9	
Q1792-02	TR-05-041125-E2	56	1.14	10.12	11.26	10.23	89.8	
Q1793-05	SVOC-GPC-BLANK	57	1.00	1.00	2.00	2.00	100.0	
Q1793-06	PEST-GPC-BLANK	58	1.00	1.00	2.00	2.00	100.0	
Q1793-07	PEST-GPC-BLANK-SPIKE	59	1.00	1.00	2.00	2.00	100.0	
Q1793-08	PCB-GPC-BLANK	60	1.00	1.00	2.00	2.00	100.0	
Q1793-09	PCB-GPC-BLANK-SPIKE	61	1.00	1.00	2.00	2.00	100.0	
Q1793-10	SVOC-GPC2-BLANK	62	1.00	1.00	2.00	2.00	100.0	
Q1793-11	PEST-GPC2-BLANK	63	1.00	1.00	2.00	2.00	100.0	
Q1793-12	PEST-GPC2-BLANK-SPIKE	64	1.00	1.00	2.00	2.00	100.0	
Q1793-13	PCB-GPC2-BLANK	65	1.00	1.00	2.00	2.00	100.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135394

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
Q1793-14	PCB-GPC2-BLANK-SPIKE	66	1.00	1.00	2.00	2.00	100.0	
Q1794-01	40325-C-G-COMP	85	1.12	10.03	11.15	8.63	74.9	
Q1795-01	40425	86	1.13	11.77	12.9	10.6	80.5	
Q1796-01	SEAL-POT(PIPE)-40325	87	1.00	1.00	2.00	2.00	100.0	wipe sample

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

WORKLIST(Hardcopy Internal Chain)

LB135394

WorkList Name : %1-041125 **WorkList ID :** 188871 **Department :** Wet-Chemistry **Date :** 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1775-01	SS050P-SD43-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-02	SS050P-SD42-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-03	SS050P-SD41-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-04	SS050P-SD40-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-05	SS050P-SD39-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-06	SS050P-SD38-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-07	SS050P-SD37-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-08	SS050P-SD36-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-09	SS050P-SD35-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-10	SS050P-SD34-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-11	SS050P-SD33-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-12	SS050P-SD27-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-13	SS050P-SD28-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-14	SS050P-SD30-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-15	SS050P-SD31-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1777-01	AT054P-SD41-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1777-02	AT054P-SD40-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-03	AT054P-SD39-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-04	AT054P-SD38-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-05	AT054P-SD42-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-06	SS050P-SD20-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO

Date/Time 04-11-25 15:00

Raw Sample Received by: TB (wet)

Raw Sample Relinquished by: SM

Date/Time 04-11-25 17:35

Raw Sample Received by: SM

Raw Sample Relinquished by: TB (wet)

WORKLIST(Hardcopy Internal Chain)

UB 133594 UB135394

WorkList Name : %1-041125 **WorkList ID :** 188871 **Department :** Wet-Chemistry **Date :** 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1777-07	SS050P-SD26-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-08	SS050P-SD08-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-09	SS050P-SD07-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-10	SS050P-SD06-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-11	SS057P-SD06-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-12	SS057P-SD05-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-01	AT016P-SD03-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-02	AT016P-SD09-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-03	AT016P-SD10-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-04	SS091P-SD06-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-05	AT016P-SD07-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-06	AT016P-SD08-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-07	AT014P-SD16-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-08	AT014P-SD17-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-09	AT014P-SD18-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-10	AT014P-SD19-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-11	AT014P-SD21-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-12	AT014P-SD20-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-13	AT014P-SD15-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-14	AT014P-SD22-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-15	AT014P-SD23-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO

Date/Time 04-11-25 15:00

Raw Sample Received by: JR WSC

Raw Sample Relinquished by: SM

Date/Time 04-11-25 17:35

Raw Sample Received by: SM

Raw Sample Relinquished by: WSC

WORKLIST(Hardcopy Internal Chain)

VB135394 ~~VB135394~~

WorkList Name : %1-041125 **WorkList ID :** 188871 **Department :** Wet-Chemistry **Date :** 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1778-16	AT016P-SD12-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-17	AT016P-SD11-040925-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/09/2025	Chemtech -SO
Q1783-01	SU-03-41125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1783-02	SU-03-41125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1784-01	OR-01-41125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1784-02	OR-01-41125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-01	HR-02-041125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-02	HR-02-041125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-03	HR-03-041125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-04	HR-03-041125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1786-01	41 MORRIS AVE-NEWARK	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1787-01	TP-5C	Solid	Percent Solids	Cool 4 deg C	PSEG03	K11	04/11/2025	Chemtech -SO
Q1787-02	TP-5C-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-03	TP-5C-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-05	TP-2C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-06	TP-2C-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-07	TP-2C-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-09	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-10	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-11	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1788-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO

Date/Time 04-11-25 15:00

Raw Sample Received by: JR Wes

Raw Sample Relinquished by: SM

Date/Time 04-11-25 17:35

Raw Sample Received by: SM

Raw Sample Relinquished by: JR Wes

WORKLIST(Hardcopy Internal Chain)

~~VB 135394~~
TO VB135394

WorkList Name : %1-041125 **WorkList ID :** 188871 **Department :** Wet-Chemistry **Date :** 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1788-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO
Q1788-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO
Q1790-01	S-872-GI-SO-20.0-20.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-02	Q1790-01MS	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-03	Q1790-01MSD	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-04	S-871-GI-SO-23.0-23.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-05	S-871-GI-SO-23.0-23.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-06	S-870-GI-SO-22.0-22.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1791-07	290502	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1792-01	TR-05-041125	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO
Q1792-02	TR-05-041125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/11/2025	Chemtech -SO
Q1793-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/11/2025	Chemtech -SO
Q1793-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO

Date/Time 04.11.25 15:00

Raw Sample Received by: JB WC

Raw Sample Relinquished by: AW SM

Date/Time 04.11.25 17:35

Raw Sample Received by: AW SM

Raw Sample Relinquished by: JB WC

WORKLIST(Hardcopy Internal Chain)

~~AB 135394~~
SB AB 135394

WorkList Name : %1-041125 **WorkList ID :** 188871 **Department :** Wet-Chemistry **Date :** 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1794-01	40325-C-G-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/11/2025	Chemtech -SO
Q1795-01	40425	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/11/2025	Chemtech -SO
Q1796-01	SEAL-POT(PIPE)-40325	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO

Date/Time 04.11.25 1310

Raw Sample Received by: SB (WC)

Raw Sample Relinquished by: JH

Date/Time 04-11-25 1735

Raw Sample Received by: JH

Raw Sample Relinquished by: SB WC

SHIPPING DOCUMENTS

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