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

Cover Page

Order ID : Q2618

Project ID : 166 Belmont Ave Belleville

Client : Sciacca General Contractors, LLC

Lab Sample Number	Client Sample Number
Q2618-01	WASTE
Q2618-02	VOC
Q2618-03	1
Q2618-04	2
Q2618-05	3
Q2618-06	4
Q2618-07	5
Q2618-08	6

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 7/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Sciacca General Contractors, LLC Project
Name: 166 Belmont Ave Belleville
Project # N/A
Order ID # Q2618
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82W063025S.M) for Methylene Chloride passing on Quadratic Regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.

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

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2618**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **07/24/2025**

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

LAB CHRONICLE

OrderID:	Q2618	**OrderDate:**	7/16/2025 12:13:00 PM
Client:	Sciacca General Contractors, LLC	**Project:**	166 Belmont Ave Belleville
Contact:	Rosanne Scirica	**Location:**	--Select--,O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2618-02	**VOC**	**SOIL**			**07/16/25**			**07/16/25**
			VOC-TCLVOA-10	8260D			07/16/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2618

Client: Sciacca General Contractors, LLC

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

0

Total Voc :

Total Concentration:

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2618

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2618-02	VOC	1,2-Dichloroethane-d4	50	47.6	95		63	155
		Dibromofluoromethane	50	45.7	91		70	134
		Toluene-d8	50	44.2	88		74	123
		4-Bromofluorobenzene	50	46.7	93		17	146
VW0716SBL01	VW0716SBL01	1,2-Dichloroethane-d4	50	46.8	94		63	155
		Dibromofluoromethane	50	45.2	90		70	134
		Toluene-d8	50	44.1	88		74	123
		4-Bromofluorobenzene	50	46.1	92		17	146
VW0716SBS01	VW0716SBS01	1,2-Dichloroethane-d4	50	50.1	100		63	155
		Dibromofluoromethane	50	49.8	100		70	134
		Toluene-d8	50	49.0	98		74	123
		4-Bromofluorobenzene	50	51.1	102		17	146
VW0716SBSD0	VW0716SBSD01	1,2-Dichloroethane-d4	50	52.4	105		63	155
		Dibromofluoromethane	50	49.0	98		70	134
		Toluene-d8	50	49.5	99		74	123
		4-Bromofluorobenzene	50	52.4	105		17	146

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2618 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VW031866.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0716SBS01	Dichlorodifluoromethane	20	21.8	ug/Kg	109			64	136	
	Chloromethane	20	23.5	ug/Kg	117			52	151	
	Vinyl chloride	20	23.0	ug/Kg	115			56	148	
	Bromomethane	20	21.1	ug/Kg	106			58	141	
	Chloroethane	20	21.0	ug/Kg	105			69	130	
	Trichlorofluoromethane	20	18.1	ug/Kg	91			69	134	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/Kg	99			81	123	
	1,1-Dichloroethene	20	22.0	ug/Kg	110			79	121	
	Acetone	100	100	ug/Kg	100			40	171	
	Carbon disulfide	20	20.4	ug/Kg	102			59	130	
	Methyl tert-butyl Ether	20	22.7	ug/Kg	114			77	129	
	Methyl Acetate	20	20.7	ug/Kg	104			69	149	
	Methylene Chloride	20	22.8	ug/Kg	114			72	131	
	trans-1,2-Dichloroethene	20	22.5	ug/Kg	113			80	123	
	1,1-Dichloroethane	20	22.6	ug/Kg	113			82	123	
	Cyclohexane	20	20.9	ug/Kg	104			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.2	ug/Kg	101			76	129	
	cis-1,2-Dichloroethene	20	23.6	ug/Kg	118			82	123	
	Bromochloromethane	20	21.7	ug/Kg	109			80	127	
	Chloroform	20	22.9	ug/Kg	115			82	125	
	1,1,1-Trichloroethane	20	20.9	ug/Kg	104			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	23.1	ug/Kg	116			84	121	
	1,2-Dichloroethane	20	22.2	ug/Kg	111			81	126	
	Trichloroethene	20	21.8	ug/Kg	109			83	122	
	1,2-Dichloropropane	20	22.4	ug/Kg	112			83	122	
	Bromodichloromethane	20	22.1	ug/Kg	111			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	23.2	ug/Kg	116			83	122	
	t-1,3-Dichloropropene	20	22.7	ug/Kg	114			78	124	
	cis-1,3-Dichloropropene	20	22.9	ug/Kg	115			81	122	
	1,1,2-Trichloroethane	20	22.0	ug/Kg	110			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	21.5	ug/Kg	108			79	125	
	1,2-Dibromoethane	20	21.8	ug/Kg	109			80	125	
	Tetrachloroethene	20	20.3	ug/Kg	102			83	125	
	Chlorobenzene	20	22.0	ug/Kg	110			84	122	
	Ethyl Benzene	20	22.3	ug/Kg	112			82	124	
	m/p-Xylenes	40	44.6	ug/Kg	112			83	124	
	o-Xylene	20	23.3	ug/Kg	117			83	123	
	Styrene	20	22.8	ug/Kg	114			82	124	
	Bromoform	20	19.8	ug/Kg	99			75	127	
	Isopropylbenzene	20	22.3	ug/Kg	112			82	124	
	1,1,2,2-Tetrachloroethane	20	21.5	ug/Kg	108			77	127	
	1,3-Dichlorobenzene	20	23.3	ug/Kg	117			83	122	
	1,4-Dichlorobenzene	20	22.5	ug/Kg	113			84	121	
	1,2-Dichlorobenzene	20	21.7	ug/Kg	109			83	124	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2618 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VW031866.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0716SBS01	1,2-Dibromo-3-Chloropropane	20	19.8	ug/Kg	99			66	134	
	1,2,4-Trichlorobenzene	20	20.3	ug/Kg	102			78	127	
	1,2,3-Trichlorobenzene	20	20.5	ug/Kg	103			70	137	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2618 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VW031867.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0716SBSD01	Dichlorodifluoromethane	20	20.5	ug/Kg	103	6		64	136	20
	Chloromethane	20	22.7	ug/Kg	114	3		52	151	20
	Vinyl chloride	20	22.1	ug/Kg	111	4		56	148	20
	Bromomethane	20	21.1	ug/Kg	106	0		58	141	20
	Chloroethane	20	21.9	ug/Kg	110	5		69	130	20
	Trichlorofluoromethane	20	21.1	ug/Kg	106	15		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/Kg	101	2		81	123	20
	1,1-Dichloroethene	20	21.2	ug/Kg	106	4		79	121	20
	Acetone	100	110	ug/Kg	110	10		40	171	20
	Carbon disulfide	20	20.1	ug/Kg	101	1		59	130	20
	Methyl tert-butyl Ether	20	23.6	ug/Kg	118	3		77	129	20
	Methyl Acetate	20	20.7	ug/Kg	104	0		69	149	20
	Methylene Chloride	20	21.5	ug/Kg	108	5		72	131	20
	trans-1,2-Dichloroethene	20	22.2	ug/Kg	111	2		80	123	20
	1,1-Dichloroethane	20	22.5	ug/Kg	113	0		82	123	20
	Cyclohexane	20	20.8	ug/Kg	104	0		76	122	20
	2-Butanone	100	120	ug/Kg	120	9		69	131	20
	Carbon Tetrachloride	20	19.4	ug/Kg	97	4		76	129	20
	cis-1,2-Dichloroethene	20	23.2	ug/Kg	116	2		82	123	20
	Bromochloromethane	20	22.1	ug/Kg	111	2		80	127	20
	Chloroform	20	23.1	ug/Kg	116	1		82	125	20
	1,1,1-Trichloroethane	20	21.0	ug/Kg	105	1		80	126	20
	Methylcyclohexane	20	19.9	ug/Kg	100	4		77	123	20
	Benzene	20	22.5	ug/Kg	113	3		84	121	20
	1,2-Dichloroethane	20	21.4	ug/Kg	107	4		81	126	20
	Trichloroethene	20	21.2	ug/Kg	106	3		83	122	20
	1,2-Dichloropropane	20	21.8	ug/Kg	109	3		83	122	20
	Bromodichloromethane	20	21.4	ug/Kg	107	4		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0		70	135	20
	Toluene	20	22.2	ug/Kg	111	4		83	122	20
	t-1,3-Dichloropropene	20	21.9	ug/Kg	110	4		78	124	20
	cis-1,3-Dichloropropene	20	22.1	ug/Kg	111	4		81	122	20
	1,1,2-Trichloroethane	20	21.4	ug/Kg	107	3		82	125	20
	2-Hexanone	100	110	ug/Kg	110	0		66	138	20
	Dibromochloromethane	20	20.9	ug/Kg	104	4		79	125	20
	1,2-Dibromoethane	20	22.0	ug/Kg	110	1		80	125	20
	Tetrachloroethene	20	19.6	ug/Kg	98	4		83	125	20
	Chlorobenzene	20	22.2	ug/Kg	111	1		84	122	20
	Ethyl Benzene	20	22.7	ug/Kg	114	2		82	124	20
	m/p-Xylenes	40	44.4	ug/Kg	111	1		83	124	20
	o-Xylene	20	23.0	ug/Kg	115	2		83	123	20
	Styrene	20	23.2	ug/Kg	116	2		82	124	20
	Bromoform	20	20.5	ug/Kg	103	4		75	127	20
	Isopropylbenzene	20	22.1	ug/Kg	111	1		82	124	20
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109	1		77	127	20
	1,3-Dichlorobenzene	20	22.5	ug/Kg	113	3		83	122	20
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106	6		84	121	20
	1,2-Dichlorobenzene	20	22.2	ug/Kg	111	2		83	124	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2618 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VW031867.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0716SBSD01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/Kg	101	2		66	134	20
	1,2,4-Trichlorobenzene	20	22.2	ug/Kg	111	8		78	127	20
	1,2,3-Trichlorobenzene	20	20.5	ug/Kg	103	0		70	137	20

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VW0716SBL01

Lab Name: Alliance | Contract: SCIA01

Lab Code: ACE | SDG NO.: Q2618

Lab File ID: VW031865.D | Lab Sample ID: VW0716SBL01

Date Analyzed: 07/16/2025 | Time Analyzed: 09:52

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

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0716SBS01	VW0716SBS01	VW031866.D	07/16/2025
VW0716SBSD01	VW0716SBSD01	VW031867.D	07/16/2025
VOC	Q2618-02	VW031874.D	07/16/2025

COMMENTS:

Raw Data: **VW031728.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: SCIA01
Lab Code: ACE
SDG NO.: Q2618
Lab File ID: VW031728.D
BFB Injection Date: 06/30/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:56
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	65.4
175	5.0 - 9.0% of mass 174	5.4 (8.2) 1
176	95.0 - 101.0% of mass 174	64.8 (99.2) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW031729.D	06/30/2025	09:54
VSTDICC010	VSTDICC010	VW031730.D	06/30/2025	10:15
VSTDICC020	VSTDICC020	VW031731.D	06/30/2025	10:58
VSTDICCC050	VSTDICCC050	VW031732.D	06/30/2025	11:21
VSTDICC100	VSTDICC100	VW031733.D	06/30/2025	12:34
VSTDICC150	VSTDICC150	VW031734.D	06/30/2025	12:55

Raw Data: **VW031863.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: SCIA01
Lab Code: ACE
SDG NO.: Q2618
Lab File ID: VW031863.D
BFB Injection Date: 07/16/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:53
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	61.9
175	5.0 - 9.0% of mass 174	5.2 (8.4) 1
176	95.0 - 101.0% of mass 174	61.5 (99.3) 1
177	5.0 - 9.0% of mass 176	4.1 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW031864.D	07/16/2025	09:22
VW0716SBL01	VW0716SBL01	VW031865.D	07/16/2025	09:52
VW0716SBS01	VW0716SBS01	VW031866.D	07/16/2025	10:22
VW0716SBSD01	VW0716SBSD01	VW031867.D	07/16/2025	10:44
VOC	Q2618-02	VW031874.D	07/16/2025	14:53

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG NO.: Q2618

Lab File ID: VW031864.D Date Analyzed: 07/16/2025

Instrument ID: MSVOA_W Time Analyzed: 09:22

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	223578	7.96	416969	8.85	361888	11.64
UPPER LIMIT	447156	8.459	833938	9.349	723776	12.135
LOWER LIMIT	111789	7.459	208485	8.349	180944	11.135
EPA SAMPLE NO.						
VOC	170339	7.97	346398	8.85	314446	11.63
VW0716SBL01	185902	7.97	374504	8.85	352304	11.63
VW0716SBS01	220255	7.96	408210	8.85	372511	11.64
VW0716SBSD01	214931	7.97	411558	8.86	360281	11.63

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG NO.: Q2618

Lab File ID: VW031864.D Date Analyzed: 07/16/2025

Instrument ID: MSVOA_W Time Analyzed: 09:22

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

	IS4 AREA #	RT #				
12 HOUR STD	164563	13.556				
UPPER LIMIT	329126	14.056				
LOWER LIMIT	82281.5	13.056				
EPA SAMPLE NO.						
VOC	139848	13.56				
VW0716SBL01	163773	13.56				
VW0716SBS01	173720	13.56				
VW0716SBSD01	174902	13.56				

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:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	VOC	SDG No.:	Q2618
Lab Sample ID:	Q2618-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031874.D	1	07/16/25 14:53	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.40	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.40	ug/Kg
75-01-4	Vinyl Chloride	0.85	U	0.85	5.40	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.40	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.40	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.40	ug/Kg
67-64-1	Acetone	5.10	U	5.10	26.9	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.79	U	0.79	5.40	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.40	ug/Kg
75-09-2	Methylene Chloride	3.80	U	3.80	10.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.93	U	0.93	5.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.86	U	0.86	5.40	ug/Kg
110-82-7	Cyclohexane	0.85	U	0.85	5.40	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	26.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.81	U	0.81	5.40	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.40	ug/Kg
67-66-3	Chloroform	0.90	U	0.90	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
108-87-2	Methylcyclohexane	0.98	U	0.98	5.40	ug/Kg
71-43-2	Benzene	0.85	U	0.85	5.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.85	U	0.85	5.40	ug/Kg
79-01-6	Trichloroethene	0.87	U	0.87	5.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.98	U	0.98	5.40	ug/Kg
75-27-4	Bromodichloromethane	0.84	U	0.84	5.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.90	U	3.90	26.9	ug/Kg
108-88-3	Toluene	0.84	U	0.84	5.40	ug/Kg

Raw Data: **VW031874.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	VOC	SDG No.:	Q2618
Lab Sample ID:	Q2618-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031874.D	1	07/16/25 14:53	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.70	U	0.70	5.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.67	U	0.67	5.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.99	U	0.99	5.40	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	26.9	ug/Kg
124-48-1	Dibromochloromethane	0.94	U	0.94	5.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.95	U	0.95	5.40	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.40	ug/Kg
108-90-7	Chlorobenzene	0.98	U	0.98	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.40	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.8	ug/Kg
95-47-6	o-Xylene	0.88	U	0.88	5.40	ug/Kg
100-42-5	Styrene	0.76	U	0.76	5.40	ug/Kg
75-25-2	Bromoform	0.93	U	0.93	5.40	ug/Kg
98-82-8	Isopropylbenzene	0.84	U	0.84	5.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	3.40	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.6		63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		70 - 134	91%	SPK: 50
2037-26-5	Toluene-d8	44.2		74 - 123	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.7		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	170000	7.965			
540-36-3	1,4-Difluorobenzene	346000	8.849			
3114-55-4	Chlorobenzene-d5	314000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	140000	13.556			

Raw Data: **VW031874.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	VOC	SDG No.:	Q2618
Lab Sample ID:	Q2618-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031874.D	1	07/16/25 14:53	VW071625

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_W\Data\VW071625\
Data File : VW031874.D
Acq On : 16 Jul 2025 14:53
Operator : SY/MD
Sample : Q2618-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Time: Jul 17 04:04:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

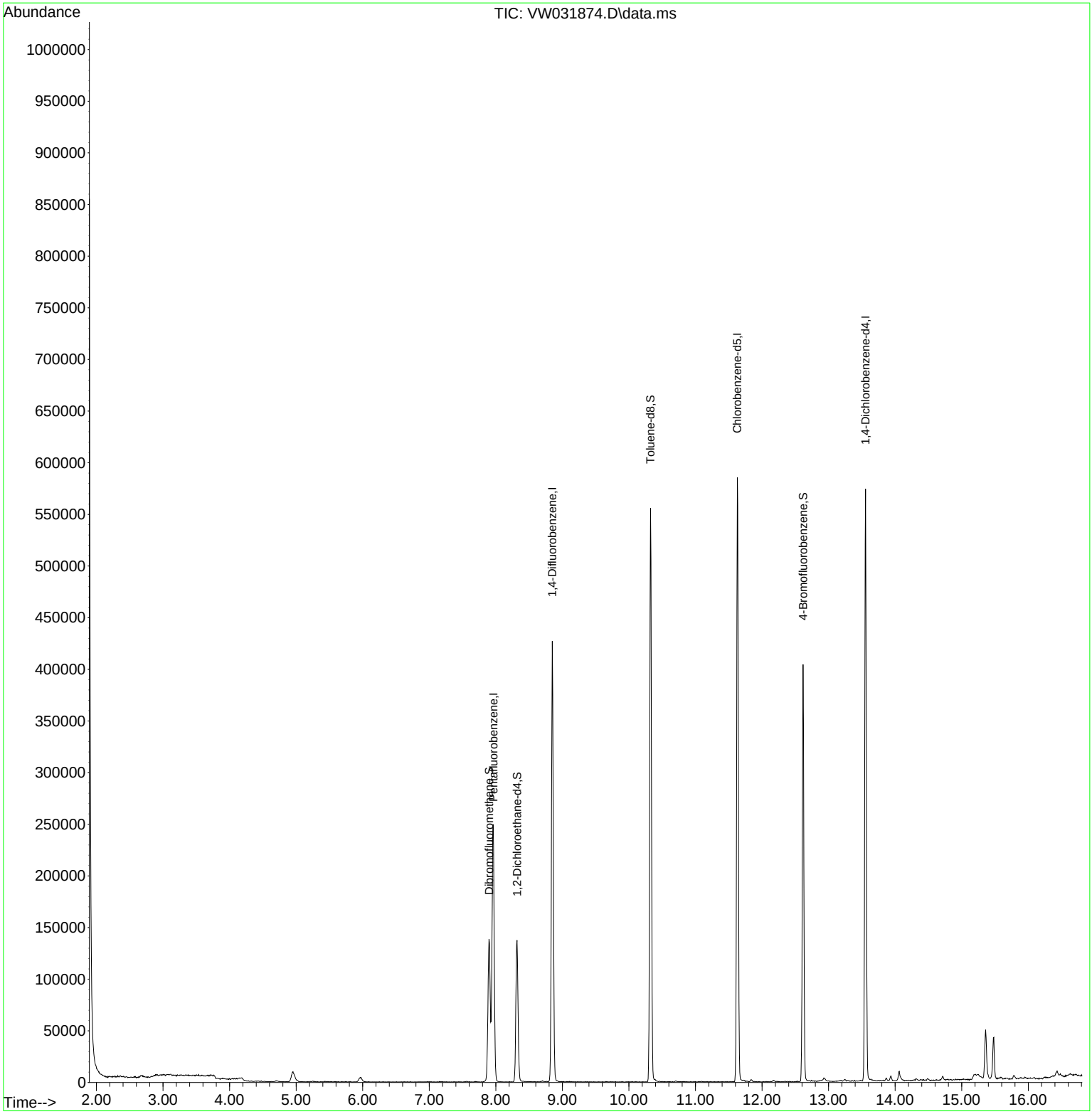
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	170339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	346398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	314446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	139848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	116395	47.614	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	95.220%		
35) Dibromofluoromethane	7.898	113	103308	45.703	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	91.400%		
50) Toluene-d8	10.325	98	371798	44.199	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	88.400%		
62) 4-Bromofluorobenzene	12.617	95	144574	46.704	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	93.400%		
Target Compounds						Qvalue

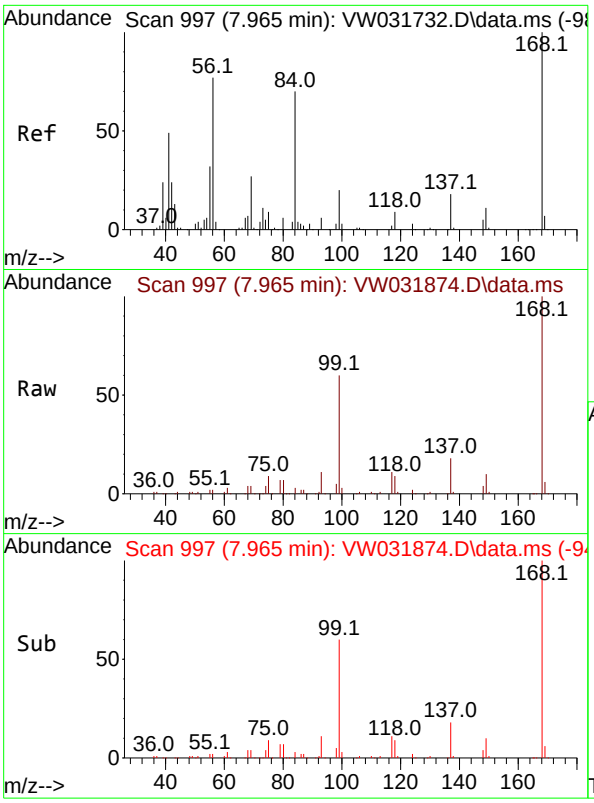
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031874.D
Acq On : 16 Jul 2025 14:53
Operator : SY/MD
Sample : Q2618-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Time: Jul 17 04:04:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



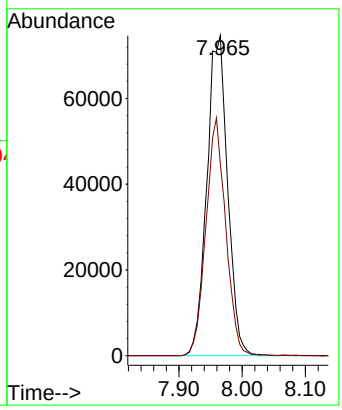


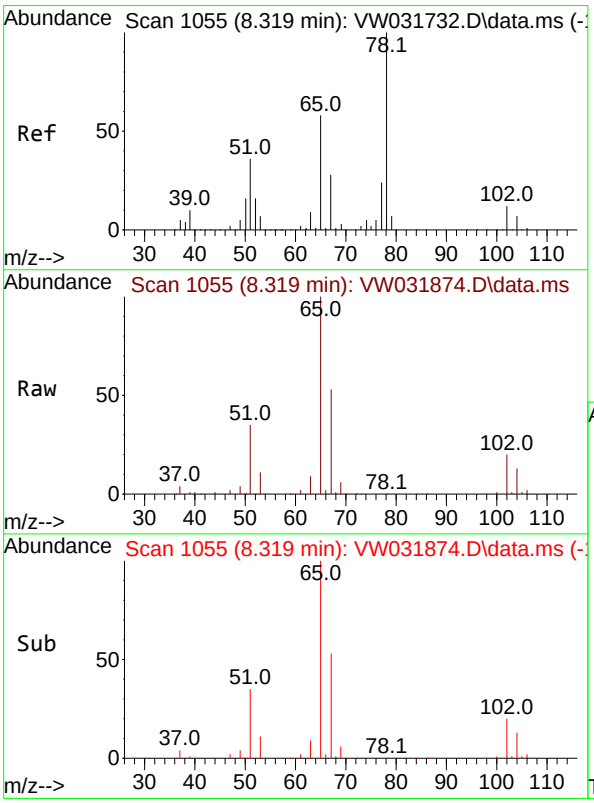
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Instrument :
MSVOA_W
ClientSampleId :
VOC

Tgt Ion:168 Resp: 170339

Ion	Ratio	Lower	Upper
168	100		
99	60.1	49.4	74.2

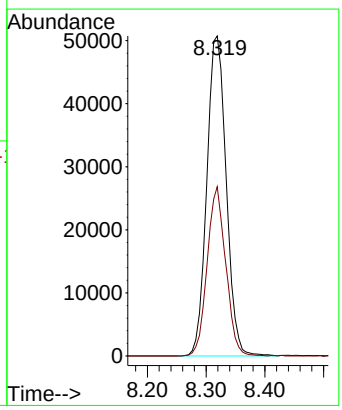


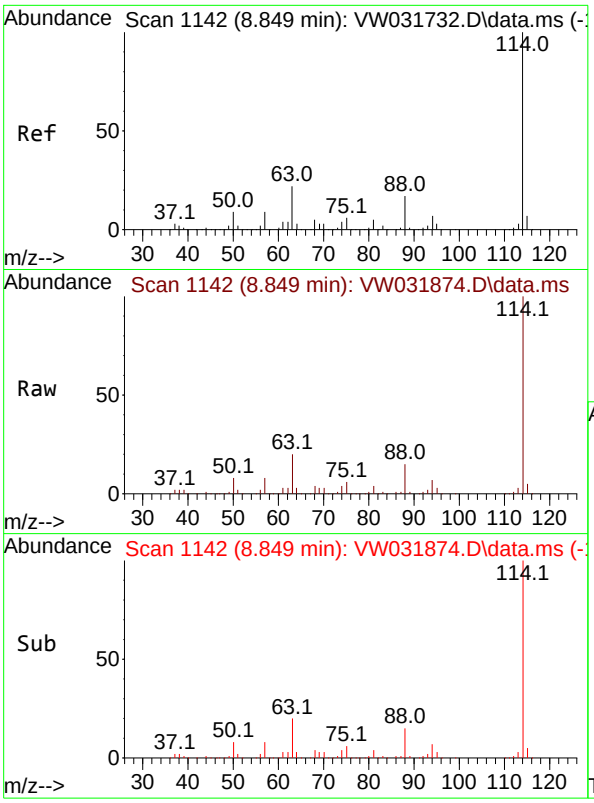


#33
1,2-Dichloroethane-d4
Concen: 47.614 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Tgt Ion: 65 Resp: 116395

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.4



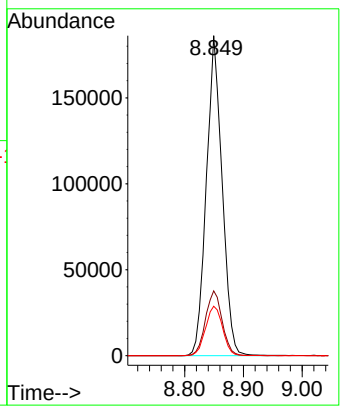


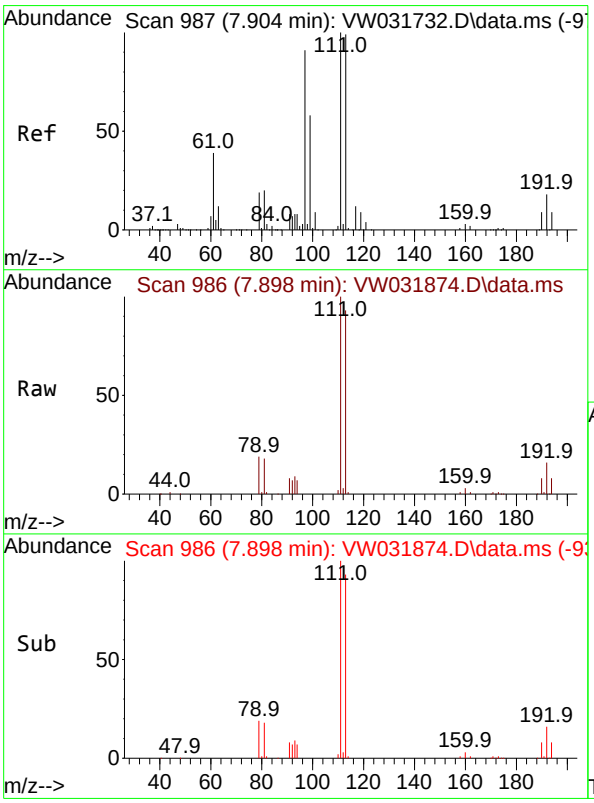
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Instrument :
MSVOA_W
ClientSampleId :
VOC

Tgt Ion:114 Resp: 346398

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.6
88	15.5	0.0	34.2

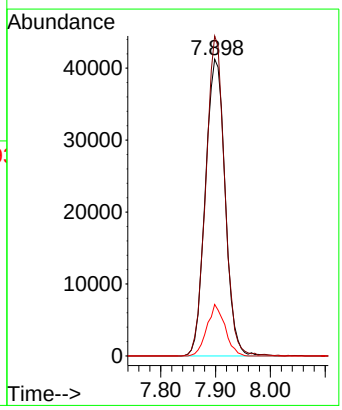


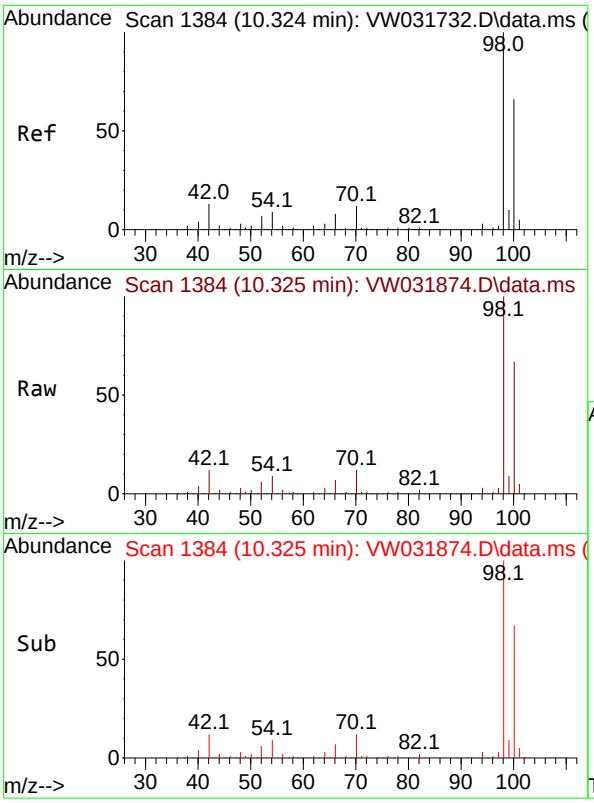


#35
Dibromofluoromethane
Concen: 45.703 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Tgt Ion:113 Resp: 103308

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	15.9	13.8	20.6



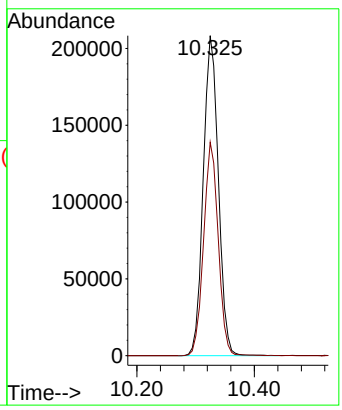


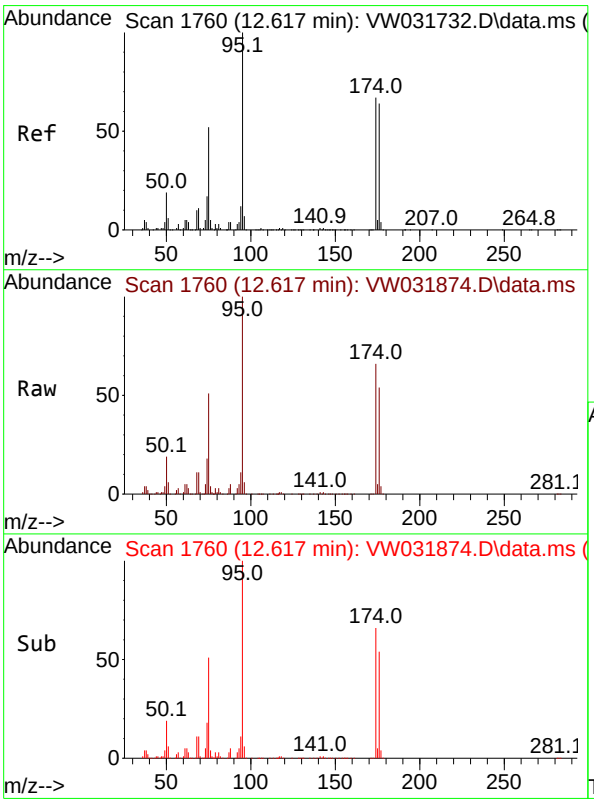
#50
Toluene-d8
Concen: 44.199 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Instrument :
MSVOA_W
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 371798

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.0	79.4

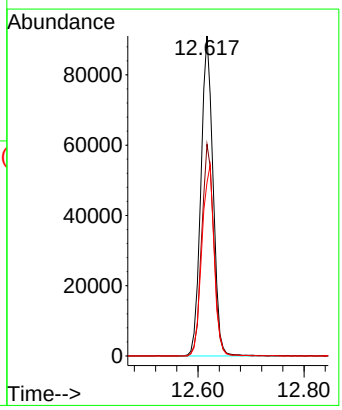


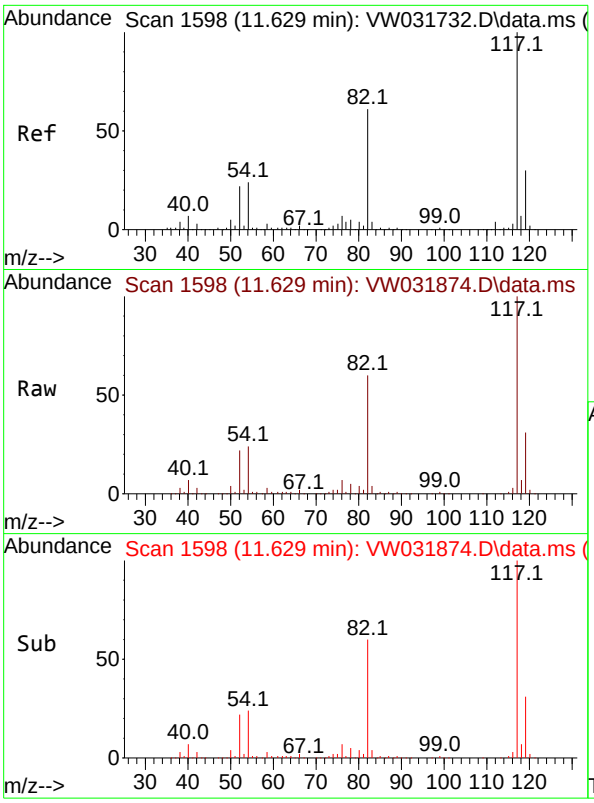


#62
4-Bromofluorobenzene
Concen: 46.704 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Tgt Ion: 95 Resp: 144574

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	133.8
176	60.5	0.0	126.0



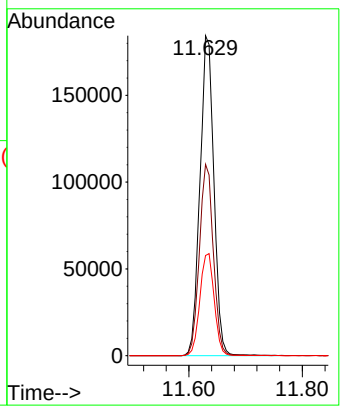


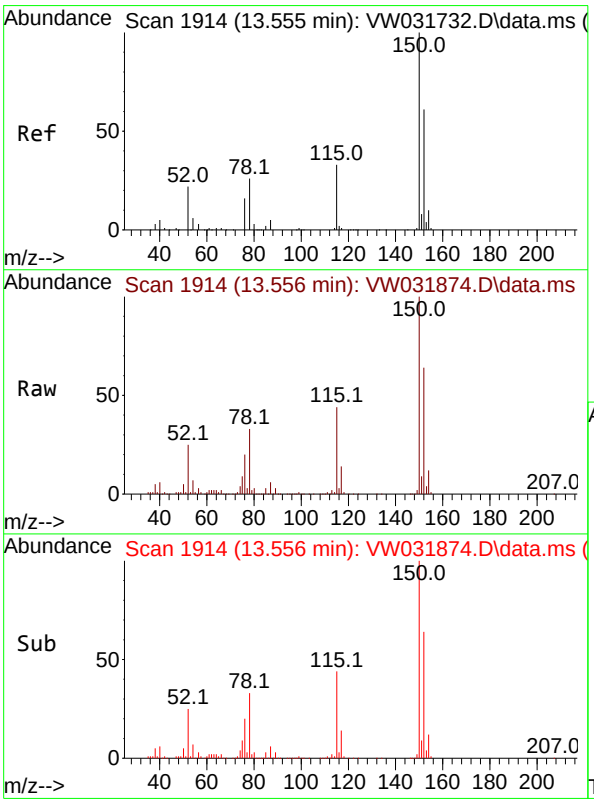
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Instrument :
MSVOA_W
ClientSampleId :
VOC

Tgt Ion:117 Resp: 314446

Ion	Ratio	Lower	Upper
117	100		
82	59.8	48.6	72.8
119	31.3	23.9	35.9

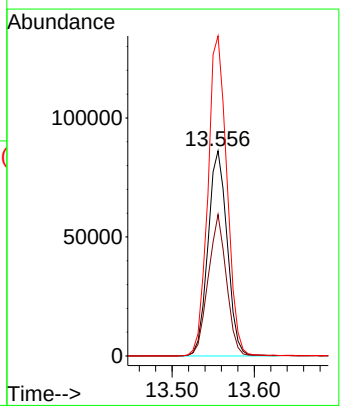




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031874.D
Acq: 16 Jul 2025 14:53

Tgt Ion:152 Resp: 139848

Ion	Ratio	Lower	Upper
152	100		
115	65.7	31.9	95.7
150	154.7	0.0	356.4



Sample Results: **VW031874.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031874.D
Acq On : 16 Jul 2025 14:53
Operator : SY/MD
Sample : Q2618-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	493	503	518	rBV2	9680	35792	3.55%	0.610%
2	5.972	659	670	680	rVB5	4482	15252	1.51%	0.260%
3	7.898	973	986	990	rBV	138113	325273	32.30%	5.539%
4	7.959	990	996	1008	rVB2	248964	576356	57.24%	9.815%
5	8.319	1042	1055	1068	rBV	137297	313063	31.09%	5.331%
6	8.849	1133	1142	1153	rBV	426475	829865	82.41%	14.132%
7	10.325	1375	1384	1394	rBV	555360	991062	98.42%	16.877%
8	11.629	1590	1598	1610	rBV	584889	1006978	100.00%	17.148%
9	12.617	1749	1760	1772	rBV2	403916	658201	65.36%	11.209%
10	13.556	1906	1914	1924	rBV	573224	923424	91.70%	15.725%
11	14.062	1990	1997	2006	rBV	8979	19098	1.90%	0.325%
12	15.360	2203	2210	2221	rVB	47092	91345	9.07%	1.556%
13	15.482	2221	2230	2236	rVB	40141	74122	7.36%	1.262%
14	16.433	2378	2386	2390	rBV9	5377	12456	1.24%	0.212%

Sum of corrected areas: 5872287

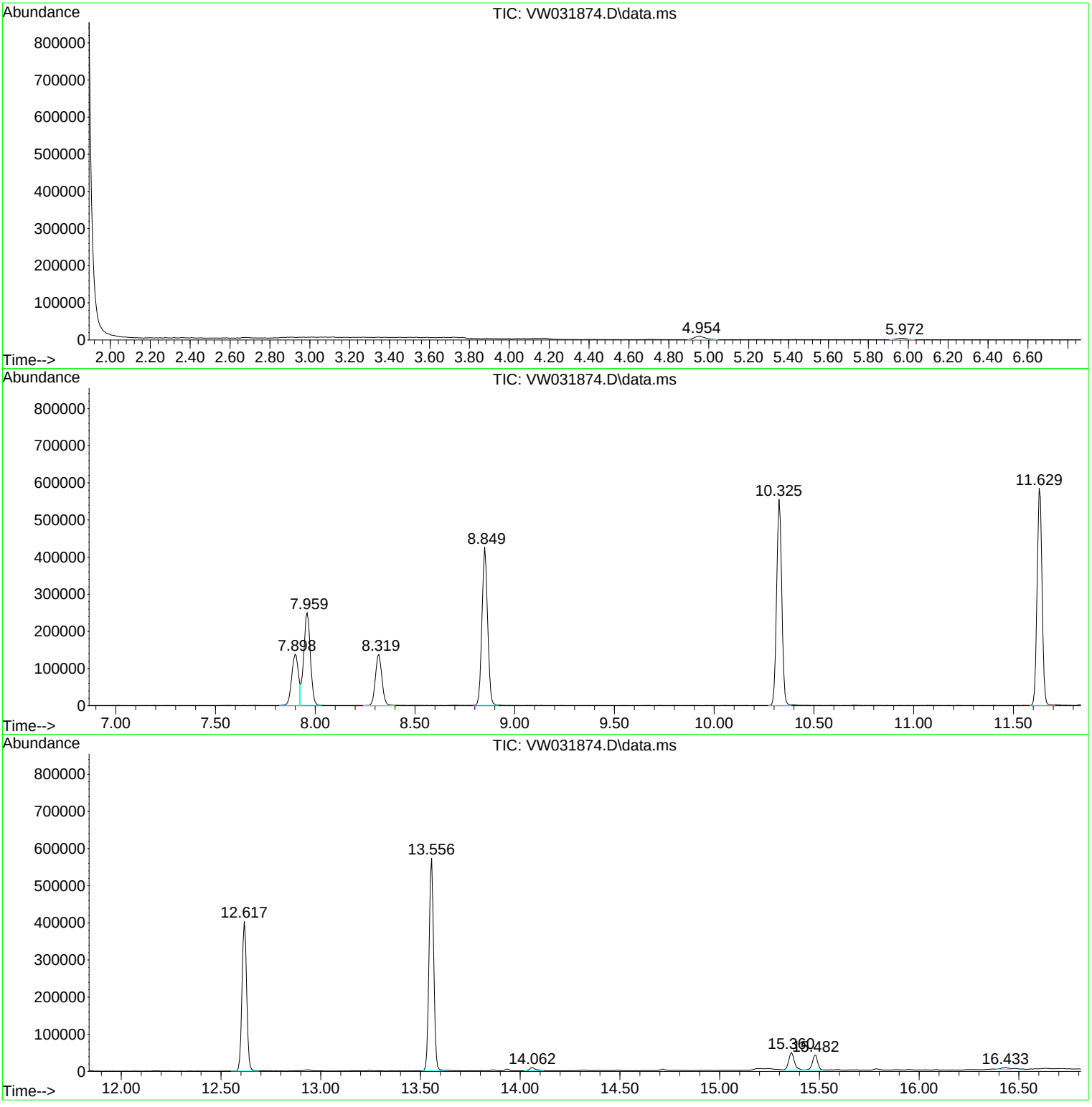
Sample Results: **VW031874.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031874.D
Acq On : 16 Jul 2025 14:53
Operator : SY/MD
Sample : Q2618-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031874.D
Acq On : 16 Jul 2025 14:53
Operator : SY/MD
Sample : Q2618-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031874.D
Acq On : 16 Jul 2025 14:53
Operator : SY/MD
Sample : Q2618-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

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: Alliance Contract: SCIA01

Lab Code: ACE SDG No.: Q2618

Instrument ID: MSVOA_W Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:54 12:55

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

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.330	0.371	0.352	0.310	0.329	0.351	0.341	6.3
Chloromethane	0.409	0.410	0.428	0.375	0.405	0.436	0.411	5.1
Vinyl Chloride	0.523	0.534	0.576	0.514	0.545	0.546	0.540	4
Bromomethane	0.429	0.431	0.443	0.396	0.412	0.418	0.421	3.9
Chloroethane	0.370	0.372	0.379	0.347	0.360	0.372	0.367	3.1
Trichlorofluoromethane	0.509	0.508	0.442	0.469	0.466	0.546	0.490	7.7
1,1,2-Trichlorotrifluoroethane	0.577	0.563	0.569	0.508	0.517	0.530	0.544	5.4
1,1-Dichloroethene	0.602	0.625	0.622	0.556	0.581	0.588	0.596	4.4
Acetone	0.238	0.191	0.171	0.163	0.157	0.144	0.177	18.8
Carbon Disulfide	1.571	1.588	1.647	1.536	1.590	1.633	1.594	2.5
Methyl tert-butyl Ether	1.007	1.018	1.038	1.033	0.982	0.988	1.011	2.3
Methyl Acetate	0.540	0.523	0.498	0.528	0.467	0.485	0.507	5.6
Methylene Chloride	1.029	0.980	0.905	0.692	0.655	0.626	0.814	21.7
trans-1,2-Dichloroethene	0.635	0.623	0.667	0.613	0.631	0.629	0.633	2.9
1,1-Dichloroethane	1.154	1.163	1.219	1.116	1.131	1.153	1.156	3.1
Cyclohexane	1.175	1.065	1.033	0.937	0.940	0.981	1.022	8.9
2-Butanone	0.224	0.224	0.221	0.249	0.231	0.237	0.231	4.6
Carbon Tetrachloride	0.477	0.498	0.498	0.461	0.468	0.485	0.481	3.2
cis-1,2-Dichloroethene	0.711	0.709	0.754	0.716	0.736	0.740	0.728	2.5
Bromochloromethane	0.531	0.501	0.535	0.504	0.500	0.489	0.510	3.7
Chloroform	1.230	1.239	1.299	1.204	1.189	1.208	1.228	3.2
1,1,1-Trichloroethane	0.933	0.983	0.971	0.925	0.907	0.959	0.946	3.1
Methylcyclohexane	0.573	0.571	0.604	0.566	0.592	0.619	0.587	3.6
Benzene	1.410	1.394	1.483	1.375	1.349	1.371	1.397	3.4
1,2-Dichloroethane	0.490	0.490	0.493	0.464	0.449	0.445	0.472	4.7
Trichloroethene	0.344	0.346	0.367	0.344	0.337	0.354	0.349	3.1
1,2-Dichloropropane	0.348	0.344	0.353	0.331	0.324	0.325	0.338	3.7
Bromodichloromethane	0.509	0.512	0.524	0.511	0.502	0.510	0.511	1.4
4-Methyl-2-Pentanone	0.285	0.301	0.295	0.313	0.289	0.287	0.295	3.5
Toluene	0.882	0.898	0.938	0.876	0.874	0.899	0.894	2.7

* 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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG No.: Q2618

Instrument ID: MSVOA_W Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:54 12:55

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

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.432	0.460	0.491	0.496	0.497	0.500	0.480	5.7
cis-1,3-Dichloropropene	0.514	0.521	0.571	0.549	0.547	0.560	0.544	4.1
1,1,2-Trichloroethane	0.299	0.282	0.299	0.285	0.275	0.273	0.286	4
2-Hexanone	0.185	0.201	0.195	0.219	0.201	0.199	0.200	5.6
Dibromochloromethane	0.329	0.332	0.353	0.352	0.336	0.345	0.341	3
1,2-Dibromoethane	0.288	0.285	0.296	0.290	0.274	0.281	0.286	2.7
Tetrachloroethene	0.331	0.321	0.324	0.314	0.329	0.344	0.327	3.2
Chlorobenzene	1.128	1.116	1.116	1.062	1.078	1.120	1.103	2.4
Ethyl Benzene	1.860	1.899	1.911	1.885	1.934	1.989	1.913	2.3
m/p-Xylenes	0.690	0.730	0.751	0.727	0.750	0.764	0.735	3.6
o-Xylene	0.636	0.654	0.685	0.682	0.705	0.723	0.681	4.7
Styrene	1.066	1.154	1.195	1.209	1.206	1.232	1.177	5.1
Bromoform	0.197	0.202	0.203	0.219	0.215	0.223	0.210	5.1
Isopropylbenzene	3.643	3.549	3.683	3.732	4.080	4.132	3.803	6.4
1,1,2,2-Tetrachloroethane	0.891	0.839	0.812	0.843	0.829	0.852	0.844	3.2
1,3-Dichlorobenzene	1.771	1.705	1.683	1.644	1.681	1.723	1.701	2.5
1,4-Dichlorobenzene	1.815	1.750	1.700	1.702	1.735	1.745	1.741	2.4
1,2-Dichlorobenzene	1.599	1.518	1.511	1.575	1.563	1.563	1.555	2.2
1,2-Dibromo-3-Chloropropane	0.169	0.159	0.153	0.166	0.167	0.174	0.165	4.6
1,2,4-Trichlorobenzene	0.965	0.899	0.929	0.933	1.000	1.028	0.959	5
1,2,3-Trichlorobenzene	0.863	0.865	0.827	0.862	0.944	0.926	0.881	5
1,2-Dichloroethane-d4	0.731	0.732	0.739	0.715	0.702	0.687	0.718	2.8
Dibromofluoromethane	0.322	0.324	0.348	0.324	0.327	0.312	0.326	3.6
Toluene-d8	1.121	1.245	1.290	1.208	1.229	1.193	1.214	4.7
4-Bromofluorobenzene	0.436	0.452	0.463	0.447	0.450	0.434	0.447	2.4

* 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_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W063025S.M
Title : SW846 8260
Last Update : Tue Jul 01 03:35:17 2025
Response Via : Initial Calibration

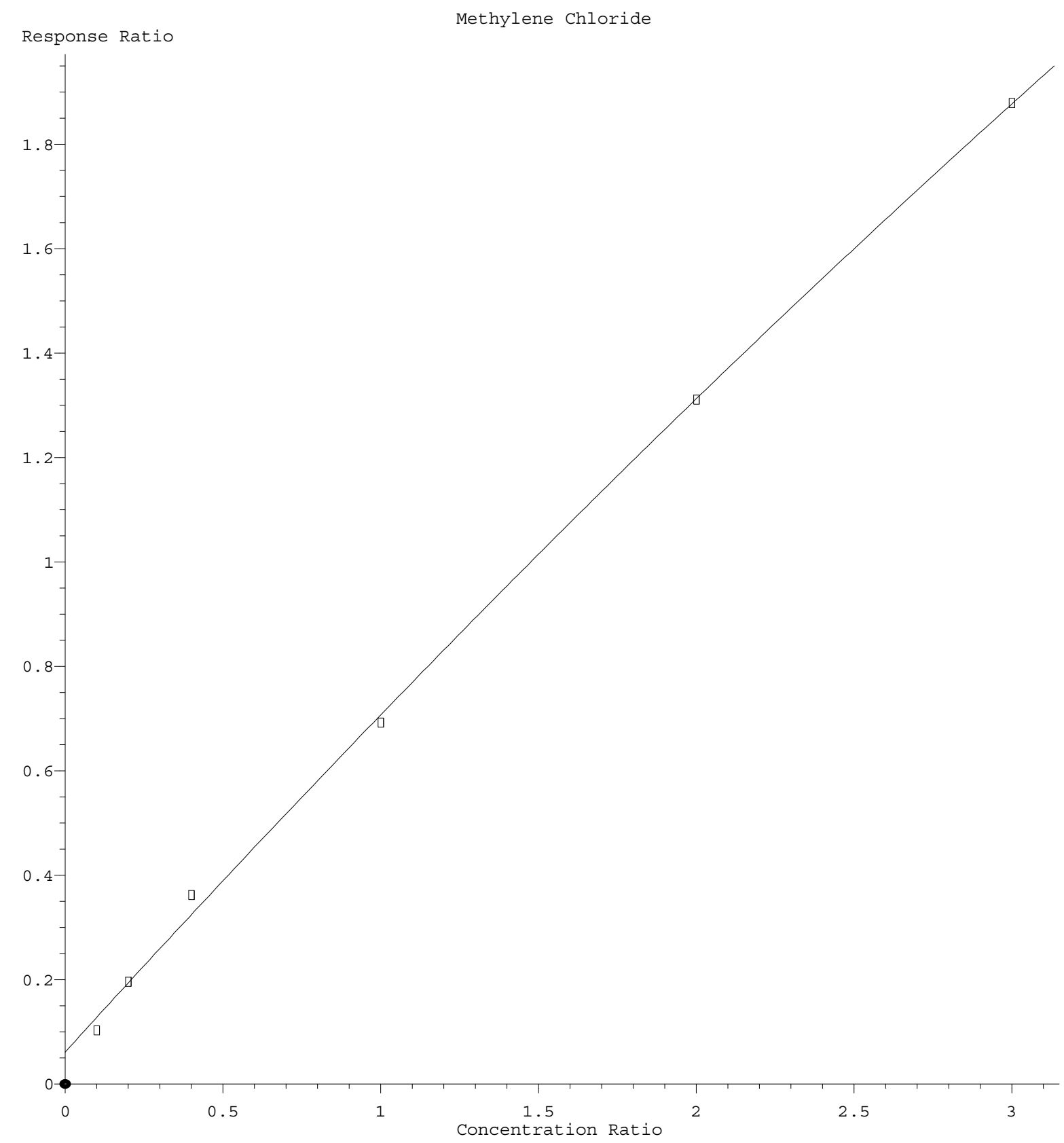
Calibration Files
5 =VW031729.D 10 =VW031730.D 20 =VW031731.D 50 =VW031732.D 100 =VW031733.D 150 =VW031734.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.330	0.371	0.352	0.310	0.329	0.351	0.341	6.35
3)	P	Chloromethane	0.409	0.410	0.428	0.375	0.405	0.436	0.411	5.13
4)	C	Vinyl Chloride	0.523	0.534	0.576	0.514	0.545	0.546	0.540	4.02#
5)	T	Bromomethane	0.429	0.431	0.443	0.396	0.412	0.418	0.421	3.94
6)	T	Chloroethane	0.370	0.372	0.379	0.347	0.360	0.372	0.367	3.11
7)	T	Trichlorofluor...	0.509	0.508	0.442	0.469	0.466	0.546	0.490	7.71
8)	T	Diethyl Ether	0.399	0.413	0.383	0.356	0.343	0.340	0.372	8.22
9)	T	1,1,2-Trichlor...	0.577	0.563	0.569	0.508	0.517	0.530	0.544	5.39
10)	T	Methyl Iodide	0.854	0.846	0.880	0.816	0.814	0.821	0.839	3.11
11)	T	Tert butyl alc...	0.043	0.046	0.042	0.047	0.043	0.045	0.044	4.04
12)	CM	1,1-Dichloroet...	0.602	0.625	0.622	0.556	0.581	0.588	0.596	4.43#
13)	T	Acrolein	0.072	0.086	0.082	0.083	0.078	0.078	0.080	6.20
14)	T	Allyl chloride	0.883	0.905	0.938	0.896	0.919	0.945	0.914	2.65
15)	T	Acrylonitrile	0.177	0.186	0.182	0.191	0.181	0.181	0.183	2.68
16)	T	Acetone	0.238	0.191	0.171	0.163	0.157	0.144	0.177	18.84
17)	T	Carbon Disulfide	1.571	1.588	1.647	1.536	1.590	1.633	1.594	2.54
18)	T	Methyl Acetate	0.540	0.523	0.498	0.528	0.467	0.485	0.507	5.57
19)	T	Methyl tert-bu...	1.007	1.018	1.038	1.033	0.982	0.988	1.011	2.27
20)	T	Methylene Chlo...	1.029	0.980	0.905	0.692	0.655	0.626	0.814	21.75
21)	T	trans-1,2-Dich...	0.635	0.623	0.667	0.613	0.631	0.629	0.633	2.92
22)	T	Diisopropyl ether	1.706	1.791	1.872	1.795	1.764	1.769	1.783	3.03
23)	T	Vinyl Acetate	1.111	1.178	1.240	1.256	1.246	1.276	1.218	5.09
24)	P	1,1-Dichloroet...	1.154	1.163	1.219	1.116	1.131	1.153	1.156	3.07
25)	T	2-Butanone	0.224	0.224	0.221	0.249	0.231	0.237	0.231	4.56
26)	T	2,2-Dichloropr...	0.693	0.683	0.698	0.657	0.643	0.672	0.674	3.18
27)	T	cis-1,2-Dichlo...	0.711	0.709	0.754	0.716	0.736	0.740	0.728	2.52
28)	T	Bromochloromet...	0.531	0.501	0.535	0.504	0.500	0.489	0.510	3.68
29)	T	Tetrahydrofuran	0.151	0.160	0.156	0.168	0.156	0.158	0.158	3.55
30)	C	Chloroform	1.230	1.239	1.299	1.204	1.189	1.208	1.228	3.17#
31)	T	Cyclohexane	1.175	1.065	1.033	0.937	0.940	0.981	1.022	8.87
32)	T	1,1,1-Trichlor...	0.933	0.983	0.971	0.925	0.907	0.959	0.946	3.09
33)	S	1,2-Dichloroet...	0.731	0.732	0.739	0.715	0.702	0.687	0.718	2.82
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.322	0.324	0.348	0.324	0.327	0.312	0.326	3.63
36)	T	1,1-Dichloropr...	0.477	0.473	0.497	0.456	0.463	0.467	0.472	3.03
37)	T	Ethyl Acetate	0.314	0.299	0.305	0.303	0.281	0.285	0.298	4.14
38)	T	Carbon Tetrach...	0.477	0.498	0.498	0.461	0.468	0.485	0.481	3.16
39)	T	Methylcyclohexane	0.573	0.571	0.604	0.566	0.592	0.619	0.587	3.59
40)	TM	Benzene	1.410	1.394	1.483	1.375	1.349	1.371	1.397	3.36
41)	T	Methacrylonitrile	0.151	0.151	0.153	0.174	0.161	0.167	0.160	6.03
42)	TM	1,2-Dichloroet...	0.490	0.490	0.493	0.464	0.449	0.445	0.472	4.69
43)	T	Isopropyl Acetate	0.480	0.509	0.516	0.535	0.514	0.527	0.513	3.71
44)	TM	Trichloroethene	0.344	0.346	0.367	0.344	0.337	0.354	0.349	3.07
45)	C	1,2-Dichloropr...	0.348	0.344	0.353	0.331	0.324	0.325	0.338	3.67#
46)	T	Dibromomethane	0.228	0.217	0.227	0.219	0.206	0.210	0.218	4.08
47)	T	Bromodichlorom...	0.509	0.512	0.524	0.511	0.502	0.510	0.511	1.39
48)	T	Methyl methacr...	0.230	0.266	0.246	0.261	0.255	0.256	0.252	5.06
49)	T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.002	0.002	0.003	7.16
50)	S	Toluene-d8	1.121	1.245	1.290	1.208	1.229	1.193	1.214	4.67
51)	T	4-Methyl-2-Pen...	0.285	0.301	0.295	0.313	0.289	0.287	0.295	3.54
52)	CM	Toluene	0.882	0.898	0.938	0.876	0.874	0.899	0.894	2.67#
53)	T	t-1,3-Dichloro...	0.432	0.460	0.491	0.496	0.497	0.500	0.480	5.74
54)	T	cis-1,3-Dichlo...	0.514	0.521	0.571	0.549	0.547	0.560	0.544	4.09
55)	T	1,1,2-Trichlor...	0.299	0.282	0.299	0.285	0.275	0.273	0.286	4.04
56)	T	Ethyl methacry...	0.355	0.366	0.381	0.410	0.402	0.410	0.387	6.08

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W063025S.M

57)	T	1,3-Dichloropr...	0.522	0.524	0.518	0.491	0.477	0.476	0.501	4.47
58)	T	2-Chloroethyl ...	0.196	0.199	0.220	0.225	0.223	0.216	0.213	5.93
59)	T	2-Hexanone	0.185	0.201	0.195	0.219	0.201	0.199	0.200	5.63
60)	T	Dibromochlorom...	0.329	0.332	0.353	0.352	0.336	0.345	0.341	3.04
61)	T	1,2-Dibromoethane	0.288	0.285	0.296	0.290	0.274	0.281	0.286	2.66
62)	S	4-Bromofluorob...	0.436	0.452	0.463	0.447	0.450	0.434	0.447	2.38
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.331	0.321	0.324	0.314	0.329	0.344	0.327	3.15
65)	PM	Chlorobenzene	1.128	1.116	1.116	1.062	1.078	1.120	1.103	2.41
66)	T	1,1,1,2-Tetrac...	0.347	0.351	0.345	0.350	0.352	0.365	0.352	2.00
67)	C	Ethyl Benzene	1.860	1.899	1.911	1.885	1.934	1.989	1.913	2.33#
68)	T	m/p-Xylenes	0.690	0.730	0.751	0.727	0.750	0.764	0.735	3.58
69)	T	o-Xylene	0.636	0.654	0.685	0.682	0.705	0.723	0.681	4.72
70)	T	Styrene	1.066	1.154	1.195	1.209	1.206	1.232	1.177	5.10
71)	P	Bromoform	0.197	0.202	0.203	0.219	0.215	0.223	0.210	5.07
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.643	3.549	3.683	3.732	4.080	4.132	3.803	6.38
74)	T	N-amyl acetate	0.934	0.970	0.953	1.067	1.096	1.132	1.025	8.11
75)	P	1,1,2,2-Tetrac...	0.891	0.839	0.812	0.843	0.829	0.852	0.844	3.16
76)	T	1,2,3-Trichlor...	0.693	0.651	0.611	0.652	0.617	0.652	0.646	4.56
77)	T	Bromobenzene	0.883	0.821	0.816	0.781	0.886	0.902	0.848	5.72
78)	T	n-propylbenzene	4.370	4.433	4.418	4.463	4.733	4.909	4.554	4.74
79)	T	2-Chlorotoluene	2.717	2.648	2.721	2.684	2.800	2.885	2.743	3.14
80)	T	1,3,5-Trimethy...	2.947	2.987	3.121	3.155	3.314	3.365	3.148	5.35
81)	T	trans-1,4-Dich...	0.245	0.272	0.249	0.291	0.299	0.309	0.277	9.55
82)	T	4-Chlorotoluene	2.935	2.802	2.837	2.822	2.901	2.978	2.879	2.43
83)	T	tert-Butylbenzene	2.532	2.560	2.642	2.613	2.838	2.995	2.697	6.73
84)	T	1,2,4-Trimethy...	3.054	3.078	3.192	3.122	3.292	3.399	3.190	4.20
85)	T	sec-Butylbenzene	3.914	3.877	3.937	3.987	4.185	4.386	4.048	4.90
86)	T	p-Isopropyltol...	3.123	3.166	3.292	3.275	3.517	3.643	3.336	6.10
87)	T	1,3-Dichlorobe...	1.771	1.705	1.683	1.644	1.681	1.723	1.701	2.55
88)	T	1,4-Dichlorobe...	1.815	1.750	1.700	1.702	1.735	1.745	1.741	2.40
89)	T	n-Butylbenzene	3.126	3.110	3.134	3.176	3.389	3.511	3.241	5.17
90)	T	Hexachloroethane	0.573	0.567	0.566	0.592	0.638	0.675	0.602	7.45
91)	T	1,2-Dichlorobe...	1.599	1.518	1.511	1.575	1.563	1.563	1.555	2.20
92)	T	1,2-Dibromo-3-...	0.169	0.159	0.153	0.166	0.167	0.174	0.165	4.55
93)	T	1,2,4-Trichlor...	0.965	0.899	0.929	0.933	1.000	1.028	0.959	5.03
94)	T	Hexachlorobuta...	0.474	0.469	0.438	0.414	0.493	0.489	0.463	6.67
95)	T	Naphthalene	2.185	2.107	2.155	2.395	2.610	2.653	2.351	10.17
96)	T	1,2,3-Trichlor...	0.863	0.865	0.827	0.862	0.944	0.926	0.881	5.04

(#) = Out of Range



R = -2.021e-002 A*A + 6.660e-001 A + 6.133e-002
Coef of Det (r^2) = 0.999086 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA W\Method\82W063025S.M
Calibration Table Last Updated: Tue Jul 01 03:35:17 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031729.D
Acq On : 30 Jun 2025 09:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:17:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.965	168	228987	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.849	114	410655	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	361730	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171294	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	16728	5.090	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 10.180%#				
35) Dibromofluoromethane	7.904	113	13228	4.936	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 9.880%#				
50) Toluene-d8	10.331	98	46017	4.615	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 9.220%#				
62) 4-Bromofluorobenzene	12.617	95	17925	4.884	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 9.760%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.046	85	7562	4.849	ug/l		100
3) Chloromethane	2.247	50	9357	4.977	ug/l		98
4) Vinyl Chloride	2.405	62	11970	4.844	ug/l		98
5) Bromomethane	2.820	94	9829	5.092	ug/l	#	78
6) Chloroethane	2.966	64	8474	5.048	ug/l	#	83
7) Trichlorofluoromethane	3.302	101	11652	5.192	ug/l		95
8) Diethyl Ether	3.722	74	9130	5.354	ug/l		84
9) 1,1,2-Trichlorotrifluo...	4.094	101	13215	5.305	ug/l		98
10) Methyl Iodide	4.314	142	19559	5.093	ug/l		98
11) Tert butyl alcohol	5.222	59	4942m	24.274	ug/l		
12) 1,1-Dichloroethene	4.082	96	13793	5.055	ug/l		93
13) Acrolein	3.936	56	8223	22.472	ug/l	#	82
14) Allyl chloride	4.704	41	20213	4.828	ug/l		98
15) Acrylonitrile	5.405	53	20292	24.197	ug/l		97
16) Acetone	4.161	43	27204m	33.285	ug/l		
17) Carbon Disulfide	4.417	76	35984	4.928	ug/l	#	95
18) Methyl Acetate	4.710	43	12364	5.326	ug/l		99
19) Methyl tert-butyl Ether	5.466	73	23058	4.979	ug/l		94
20) Methylene Chloride	4.948	84	23553	3.124	ug/l		96
21) trans-1,2-Dichloroethene	5.466	96	14541	5.015	ug/l		98
22) Diisopropyl ether	6.344	45	39057	4.784	ug/l	#	90
23) Vinyl Acetate	6.283	43	127146	22.799	ug/l		100
24) 1,1-Dichloroethane	6.252	63	26423	4.992	ug/l		98
25) 2-Butanone	7.197	43	25644	24.268	ug/l		96
26) 2,2-Dichloropropane	7.191	77	15875	5.140	ug/l		97
27) cis-1,2-Dichloroethene	7.191	96	16273	4.883	ug/l		99
28) Bromochloromethane	7.526	49	12169	5.210	ug/l	#	12
29) Tetrahydrofuran	7.557	42	17271	23.866	ug/l		99
30) Chloroform	7.691	83	28162	5.007	ug/l		97
31) Cyclohexane	7.965	56	26905	5.750	ug/l	#	82
32) 1,1,1-Trichloroethane	7.886	97	21367	4.929	ug/l		96
36) 1,1-Dichloropropene	8.093	75	19574	5.048	ug/l		98
37) Ethyl Acetate	7.276	43	12878m	5.265	ug/l		
38) Carbon Tetrachloride	8.081	117	19576	4.954	ug/l		97
39) Methylcyclohexane	9.343	83	23529	4.877	ug/l		94
40) Benzene	8.337	78	57889	5.046	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031729.D
Acq On : 30 Jun 2025 09:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:17:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	6190	4.724	ug/l	#	90
42) 1,2-Dichloroethane	8.416	62	20133	5.194	ug/l		99
43) Isopropyl Acetate	8.441	43	19704	4.673	ug/l		97
44) Trichloroethene	9.105	130	14112	4.928	ug/l		98
45) 1,2-Dichloropropane	9.374	63	14286	5.152	ug/l		95
46) Dibromomethane	9.465	93	9383	5.242	ug/l		98
47) Bromodichloromethane	9.654	83	20888	4.976	ug/l		98
48) Methyl methacrylate	9.441	41	9461	4.563	ug/l		98
49) 1,4-Dioxane	9.471	88	2322m	121.843	ug/l		
51) 4-Methyl-2-Pentanone	10.215	43	58525	24.143	ug/l		100
52) Toluene	10.392	92	36200	4.928	ug/l		96
53) t-1,3-Dichloropropene	10.611	75	17756	4.508	ug/l		95
54) cis-1,3-Dichloropropene	10.075	75	21091	4.724	ug/l		93
55) 1,1,2-Trichloroethane	10.788	97	12285	5.239	ug/l		95
56) Ethyl methacrylate	10.648	69	14584	4.584	ug/l		97
57) 1,3-Dichloropropane	10.934	76	21432	5.206	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	40271	22.989	ug/l		99
59) 2-Hexanone	10.971	43	37987	23.125	ug/l		96
60) Dibromochloromethane	11.129	129	13506	4.817	ug/l		98
61) 1,2-Dibromoethane	11.239	107	11844	5.046	ug/l		99
64) Tetrachloroethene	10.867	164	11991	5.068	ug/l		95
65) Chlorobenzene	11.654	112	40816	5.114	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.733	131	12551	4.935	ug/l		96
67) Ethyl Benzene	11.733	91	67293	4.862	ug/l		99
68) m/p-Xylenes	11.837	106	49892	9.378	ug/l		97
69) o-Xylene	12.166	106	22994	4.668	ug/l		98
70) Styrene	12.178	104	38573	4.530	ug/l		96
71) Bromoform	12.349	173	7112	4.688	ug/l	#	96
73) Isopropylbenzene	12.465	105	62409	4.790	ug/l		98
74) N-amyl acetate	12.269	43	15998	4.555	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.715	83	15264	5.277	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	11866m	5.361	ug/l		
77) Bromobenzene	12.745	156	15131	5.207	ug/l		89
78) n-propylbenzene	12.800	91	74850	4.797	ug/l		99
79) 2-Chlorotoluene	12.891	91	46542	4.954	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	50477	4.680	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	4189	4.408	ug/l	#	81
82) 4-Chlorotoluene	12.989	91	50283	5.098	ug/l		100
83) tert-Butylbenzene	13.202	119	43370	4.694	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	52319	4.788	ug/l		97
85) sec-Butylbenzene	13.379	105	67046	4.835	ug/l		99
86) p-Isopropyltoluene	13.489	119	53492	4.681	ug/l		98
87) 1,3-Dichlorobenzene	13.501	146	30342	5.206	ug/l		100
88) 1,4-Dichlorobenzene	13.574	146	31083	5.211	ug/l		92
89) n-Butylbenzene	13.818	91	53555	4.823	ug/l		97
90) Hexachloroethane	14.086	117	9816	4.761	ug/l		95
91) 1,2-Dichlorobenzene	13.867	146	27395	5.143	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	2902	5.138	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	16524	5.030	ug/l		97
94) Hexachlorobutadiene	15.226	225	8122	5.120	ug/l		88
95) Naphthalene	15.360	128	37422	4.647	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	14775	4.895	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031729.D
Acq On : 30 Jun 2025 09:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:17:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 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

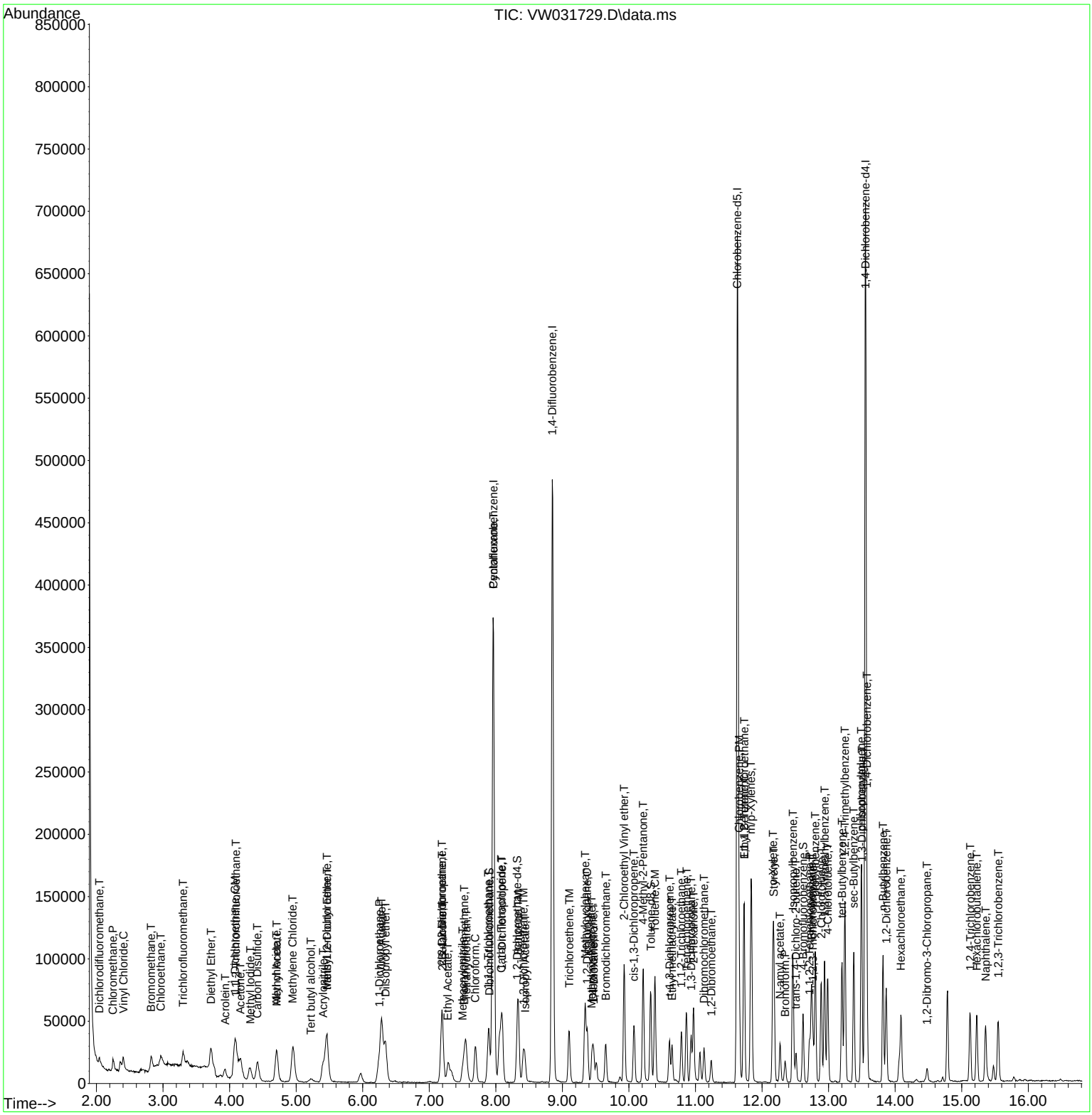
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031729.D
Acq On : 30 Jun 2025 09:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 01 02:17:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031730.D
Acq On : 30 Jun 2025 10:15
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:18:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	216272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	387016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	345396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	31661	10.201	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	20.400%#		
35) Dibromofluoromethane	7.898	113	25109	9.942	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	19.880%#		
50) Toluene-d8	10.325	98	96344	10.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	20.500%#		
62) 4-Bromofluorobenzene	12.617	95	34948	10.105	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	20.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	16044	10.893	ug/l	94
3) Chloromethane	2.253	50	17744	9.993	ug/l	99
4) Vinyl Chloride	2.405	62	23112	9.902	ug/l	95
5) Bromomethane	2.820	94	18643	10.226	ug/l	94
6) Chloroethane	2.966	64	16074	10.139	ug/l	91
7) Trichlorofluoromethane	3.308	101	21990	10.374	ug/l	94
8) Diethyl Ether	3.722	74	17881	11.102	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.100	101	24340	10.346	ug/l	99
10) Methyl Iodide	4.313	142	36597	10.090	ug/l	99
11) Tert butyl alcohol	5.234	59	10031m	52.167	ug/l	
12) 1,1-Dichloroethene	4.076	96	27046	10.495	ug/l	95
13) Acrolein	3.929	56	18553	53.683	ug/l	100
14) Allyl chloride	4.704	41	39145	9.900	ug/l	100
15) Acrylonitrile	5.405	53	40289	50.867	ug/l	99
16) Acetone	4.161	43	41372	53.597	ug/l	97
17) Carbon Disulfide	4.417	76	68668	9.958	ug/l	98
18) Methyl Acetate	4.710	43	22628	10.321	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	44040	10.069	ug/l	95
20) Methylene Chloride	4.960	84	42368	10.166	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	26955	9.844	ug/l	87
22) Diisopropyl ether	6.344	45	77462	10.045	ug/l	95
23) Vinyl Acetate	6.283	43	254825	48.380	ug/l	98
24) 1,1-Dichloroethane	6.240	63	50299	10.061	ug/l	99
25) 2-Butanone	7.197	43	48340	48.435	ug/l	97
26) 2,2-Dichloropropane	7.185	77	29549	10.130	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	30687	9.749	ug/l	99
28) Bromochloromethane	7.532	49	21655	9.815	ug/l	98
29) Tetrahydrofuran	7.557	42	34596	50.617	ug/l	98
30) Chloroform	7.691	83	53600	10.090	ug/l	99
31) Cyclohexane	7.971	56	46081	10.427	ug/l #	89
32) 1,1,1-Trichloroethane	7.886	97	42532	10.389	ug/l	98
36) 1,1-Dichloropropene	8.099	75	36621	10.021	ug/l	99
37) Ethyl Acetate	7.282	43	23126	10.032	ug/l	99
38) Carbon Tetrachloride	8.081	117	38531	10.347	ug/l	99
39) Methylcyclohexane	9.343	83	44170	9.715	ug/l	97
40) Benzene	8.337	78	107869	9.977	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031730.D
Acq On : 30 Jun 2025 10:15
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:18:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	11713	9.485	ug/l		87
42) 1,2-Dichloroethane	8.416	62	37957	10.390	ug/l		99
43) Isopropyl Acetate	8.441	43	39393	9.913	ug/l		99
44) Trichloroethene	9.099	130	26788	9.927	ug/l		98
45) 1,2-Dichloropropane	9.380	63	26605	10.181	ug/l		97
46) Dibromomethane	9.471	93	16818	9.969	ug/l		96
47) Bromodichloromethane	9.654	83	39595	10.009	ug/l		98
48) Methyl methacrylate	9.447	41	20612	10.549	ug/l		96
49) 1,4-Dioxane	9.465	88	4204m	234.072	ug/l		
51) 4-Methyl-2-Pentanone	10.215	43	116628	51.050	ug/l		99
52) Toluene	10.392	92	69506	10.041	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	35578	9.585	ug/l		97
54) cis-1,3-Dichloropropene	10.081	75	40343	9.588	ug/l		94
55) 1,1,2-Trichloroethane	10.788	97	21816	9.872	ug/l	#	88
56) Ethyl methacrylate	10.648	69	28317	9.445	ug/l		99
57) 1,3-Dichloropropane	10.934	76	40528	10.446	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	76896	46.578	ug/l		98
59) 2-Hexanone	10.971	43	77810	50.260	ug/l		97
60) Dibromochloromethane	11.129	129	25734	9.738	ug/l		96
61) 1,2-Dibromoethane	11.233	107	22082	9.981	ug/l		100
64) Tetrachloroethene	10.861	164	22144	9.801	ug/l		90
65) Chlorobenzene	11.654	112	77068	10.113	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.727	131	24224	9.975	ug/l		98
67) Ethyl Benzene	11.733	91	131184	9.927	ug/l		98
68) m/p-Xylenes	11.836	106	100863	19.856	ug/l		98
69) o-Xylene	12.166	106	45204	9.611	ug/l		97
70) Styrene	12.184	104	79722	9.805	ug/l		98
71) Bromoform	12.355	173	13967	9.641	ug/l	#	99
73) Isopropylbenzene	12.464	105	120857	9.331	ug/l		100
74) N-amyl acetate	12.275	43	33049	9.467	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	28567	9.935	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	22177m	10.079	ug/l		
77) Bromobenzene	12.745	156	27969	9.682	ug/l		91
78) n-propylbenzene	12.800	91	150962	9.734	ug/l		98
79) 2-Chlorotoluene	12.885	91	90162	9.654	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	101724	9.489	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	9266	9.808	ug/l		92
82) 4-Chlorotoluene	12.989	91	95411	9.731	ug/l		99
83) tert-Butylbenzene	13.202	119	87194	9.495	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	104832	9.651	ug/l		100
85) sec-Butylbenzene	13.379	105	132016	9.578	ug/l		99
86) p-Isopropyltoluene	13.495	119	107805	9.490	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	58049	10.021	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	59597	10.051	ug/l		94
89) n-Butylbenzene	13.818	91	105923	9.597	ug/l		99
90) Hexachloroethane	14.086	117	19306	9.420	ug/l		93
91) 1,2-Dichlorobenzene	13.867	146	51680	9.761	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	5409	9.634	ug/l		97
93) 1,2,4-Trichlorobenzene	15.129	180	30599	9.371	ug/l		98
94) Hexachlorobutadiene	15.226	225	15982	10.136	ug/l		91
95) Naphthalene	15.360	128	71758	8.964	ug/l		98
96) 1,2,3-Trichlorobenzene	15.543	180	29473	9.823	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031730.D
Acq On : 30 Jun 2025 10:15
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:18:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 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

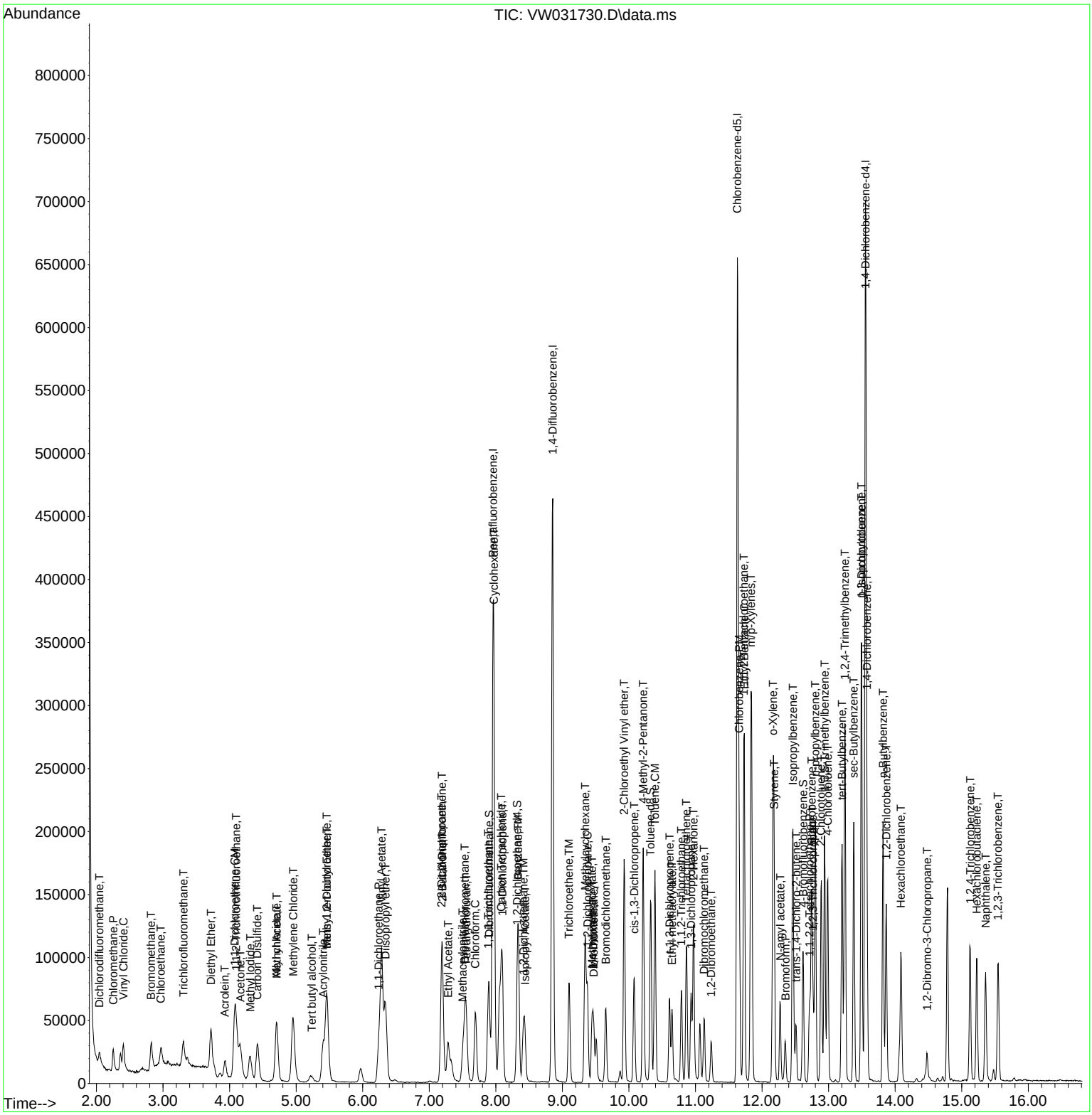
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031730.D
Acq On : 30 Jun 2025 10:15
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 01 02:18:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031731.D
Acq On : 30 Jun 2025 10:58
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:19:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	206362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	368808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	347024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	169543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	61033	20.609	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	41.220%#		
35) Dibromofluoromethane	7.898	113	51372	21.346	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	42.700%#		
50) Toluene-d8	10.324	98	190235	21.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	42.480%#		
62) 4-Bromofluorobenzene	12.617	95	68269	20.714	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	41.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	29096	20.703	ug/l	99
3) Chloromethane	2.253	50	35297	20.832	ug/l	99
4) Vinyl Chloride	2.405	62	47534	21.344	ug/l	95
5) Bromomethane	2.820	94	36582	21.030	ug/l	98
6) Chloroethane	2.966	64	31253	20.660	ug/l	93
7) Trichlorofluoromethane	3.301	101	36478	18.036	ug/l	95
8) Diethyl Ether	3.716	74	31642	20.589	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	46970	20.923	ug/l	98
10) Methyl Iodide	4.301	142	72612	20.981	ug/l	98
11) Tert butyl alcohol	5.209	59	17455	95.135	ug/l #	88
12) 1,1-Dichloroethene	4.069	96	51343	20.880	ug/l	94
13) Acrolein	3.923	56	33931	102.894	ug/l	95
14) Allyl chloride	4.697	41	77423	20.522	ug/l	99
15) Acrylonitrile	5.398	53	75131	99.411	ug/l	99
16) Acetone	4.149	43	70616	95.875	ug/l	97
17) Carbon Disulfide	4.411	76	135917	20.656	ug/l	98
18) Methyl Acetate	4.703	43	41106	19.649	ug/l	99
19) Methyl tert-butyl Ether	5.459	73	85702	20.535	ug/l	97
20) Methylene Chloride	4.947	84	74694	22.889	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	55073	21.078	ug/l	95
22) Diisopropyl ether	6.337	45	154496	20.997	ug/l	97
23) Vinyl Acetate	6.276	43	511743	101.822	ug/l	99
24) 1,1-Dichloroethane	6.234	63	100608	21.090	ug/l	100
25) 2-Butanone	7.191	43	91095	95.657	ug/l	97
26) 2,2-Dichloropropane	7.179	77	57600	20.695	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	62244	20.725	ug/l	99
28) Bromochloromethane	7.526	49	44182	20.988	ug/l	100
29) Tetrahydrofuran	7.550	42	64497	98.896	ug/l	99
30) Chloroform	7.691	83	107197	21.148	ug/l	98
31) Cyclohexane	7.965	56	85236	20.213	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	80117	20.509	ug/l	98
36) 1,1-Dichloropropene	8.093	75	73346	21.061	ug/l	100
37) Ethyl Acetate	7.270	43	45062	20.512	ug/l	98
38) Carbon Tetrachloride	8.081	117	73482	20.706	ug/l	97
39) Methylcyclohexane	9.343	83	89081	20.560	ug/l	98
40) Benzene	8.331	78	218756	21.231	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031731.D
Acq On : 30 Jun 2025 10:58
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:19:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.489	41	22541	19.154	ug/l		91
42) 1,2-Dichloroethane	8.410	62	72797	20.910	ug/l		100
43) Isopropyl Acetate	8.434	43	76119	20.101	ug/l		100
44) Trichloroethene	9.099	130	54194	21.074	ug/l		100
45) 1,2-Dichloropropane	9.373	63	52141	20.939	ug/l		100
46) Dibromomethane	9.465	93	33467	20.817	ug/l		98
47) Bromodichloromethane	9.648	83	77246	20.490	ug/l		96
48) Methyl methacrylate	9.440	41	36279	19.484	ug/l		98
49) 1,4-Dioxane	9.465	88	7013m	409.751	ug/l		
51) 4-Methyl-2-Pentanone	10.209	43	217881	100.078	ug/l		99
52) Toluene	10.391	92	138387	20.978	ug/l		98
53) t-1,3-Dichloropropene	10.605	75	72498	20.496	ug/l		99
54) cis-1,3-Dichloropropene	10.074	75	84285	21.019	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	44134	20.957	ug/l		98
56) Ethyl methacrylate	10.647	69	56229	19.681	ug/l		99
57) 1,3-Dichloropropane	10.928	76	76367	20.654	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	162561	103.330	ug/l		98
59) 2-Hexanone	10.964	43	143482	97.256	ug/l		99
60) Dibromochloromethane	11.129	129	52126	20.699	ug/l		98
61) 1,2-Dibromoethane	11.233	107	43701	20.729	ug/l		99
64) Tetrachloroethene	10.861	164	44967	19.810	ug/l		94
65) Chlorobenzene	11.653	112	154847	20.224	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	47923	19.641	ug/l		98
67) Ethyl Benzene	11.727	91	265199	19.975	ug/l		96
68) m/p-Xylenes	11.836	106	208380	40.829	ug/l		97
69) o-Xylene	12.165	106	95105	20.126	ug/l		99
70) Styrene	12.178	104	165896	20.307	ug/l		100
71) Bromoform	12.348	173	28135	19.330	ug/l	#	100
73) Isopropylbenzene	12.464	105	249772	19.368	ug/l		99
74) N-amyl acetate	12.269	43	64599	18.584	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	55059	19.230	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	41432m	18.910	ug/l		
77) Bromobenzene	12.745	156	55325	19.235	ug/l		92
78) n-propylbenzene	12.800	91	299620	19.402	ug/l		98
79) 2-Chlorotoluene	12.885	91	184544	19.845	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	211664	19.828	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	16911	17.978	ug/l		92
82) 4-Chlorotoluene	12.982	91	192402	19.707	ug/l		99
83) tert-Butylbenzene	13.202	119	179144	19.591	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	216491	20.016	ug/l		98
85) sec-Butylbenzene	13.379	105	266984	19.452	ug/l		100
86) p-Isopropyltoluene	13.495	119	223225	19.735	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	114120	19.784	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	115307	19.530	ug/l		95
89) n-Butylbenzene	13.818	91	212509	19.336	ug/l		98
90) Hexachloroethane	14.086	117	38406	18.820	ug/l		98
91) 1,2-Dichlorobenzene	13.866	146	102449	19.432	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10404	18.610	ug/l		95
93) 1,2,4-Trichlorobenzene	15.128	180	63033	19.386	ug/l		94
94) Hexachlorobutadiene	15.226	225	29695	18.913	ug/l		94
95) Naphthalene	15.354	128	146159	18.335	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	56085	18.772	ug/l		93

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031731.D
Acq On : 30 Jun 2025 10:58
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:19:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

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

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

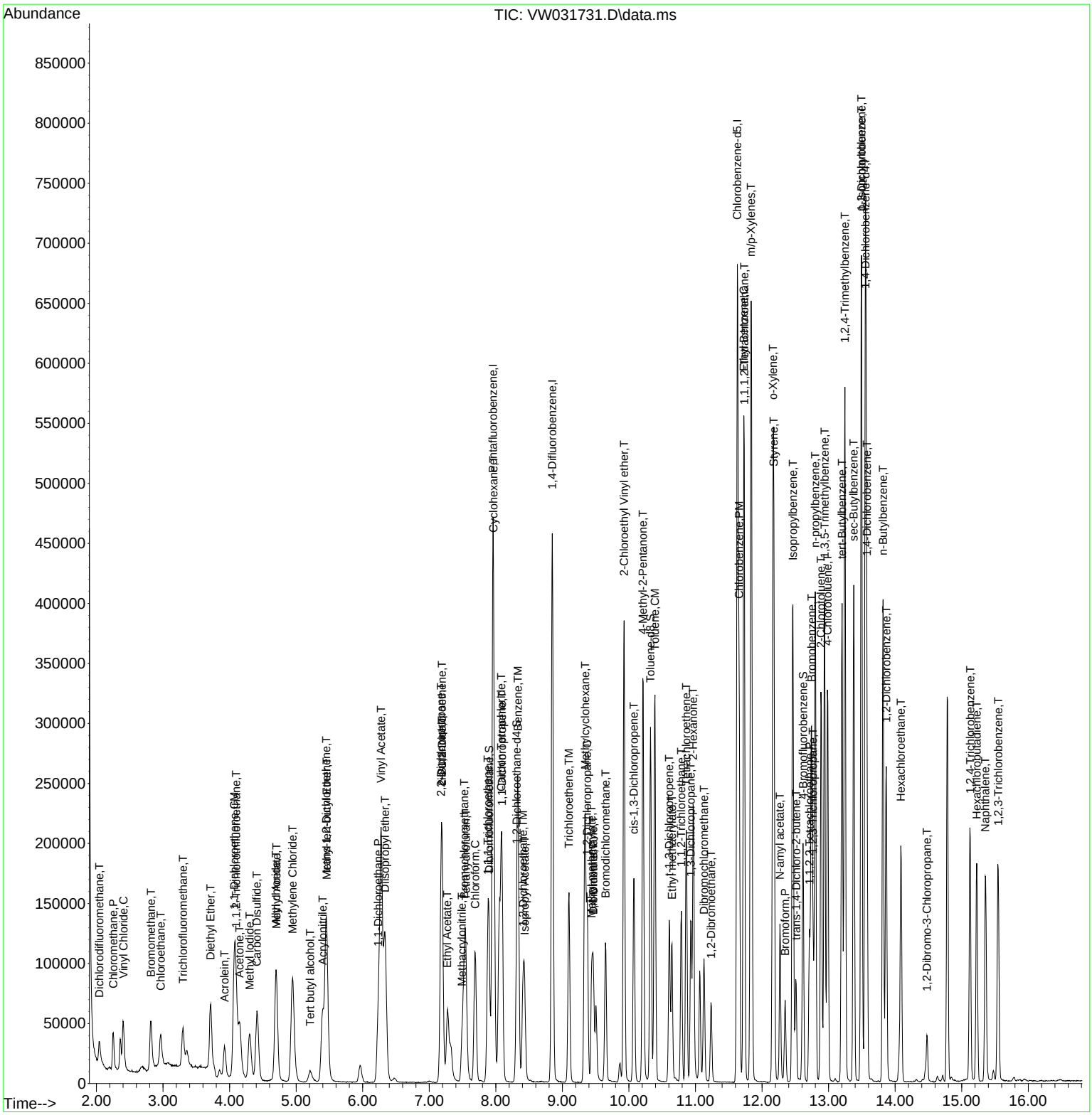
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031731.D
Acq On : 30 Jun 2025 10:58
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 01 02:19:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031732.D
Acq On : 30 Jun 2025 11:21
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	224452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	404902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	363615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	174347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	160456	49.813	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	99.620%		
35) Dibromofluoromethane	7.904	113	131109	49.622	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	99.240%		
50) Toluene-d8	10.324	98	489286	49.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.617	95	180870	49.986	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	99.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	69611	45.539	ug/l	100
3) Chloromethane	2.253	50	84254	45.719	ug/l	100
4) Vinyl Chloride	2.405	62	115341	47.617	ug/l	100
5) Bromomethane	2.826	94	88903	46.990	ug/l	100
6) Chloroethane	2.972	64	77830	47.303	ug/l	100
7) Trichlorofluoromethane	3.307	101	105244	47.842	ug/l	100
8) Diethyl Ether	3.722	74	79864	47.778	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	114080	46.722	ug/l	100
10) Methyl Iodide	4.313	142	183075	48.636	ug/l	100
11) Tert butyl alcohol	5.216	59	52409	262.624	ug/l	100
12) 1,1-Dichloroethene	4.075	96	124737	46.640	ug/l	100
13) Acrolein	3.929	56	93443	260.524	ug/l	100
14) Allyl chloride	4.703	41	201014	48.986	ug/l	100
15) Acrylonitrile	5.398	53	214572	261.033	ug/l	100
16) Acetone	4.155	43	182890	228.296	ug/l	100
17) Carbon Disulfide	4.423	76	344867	48.188	ug/l	100
18) Methyl Acetate	4.710	43	118590	52.118	ug/l	100
19) Methyl tert-butyl Ether	5.459	73	231884	51.082	ug/l	100
20) Methylene Chloride	4.953	84	155350	48.806	ug/l	100
21) trans-1,2-Dichloroethene	5.459	96	137493	48.382	ug/l	100
22) Diisopropyl ether	6.343	45	402830	50.335	ug/l	100
23) Vinyl Acetate	6.282	43	1409763	257.896	ug/l	100
24) 1,1-Dichloroethane	6.246	63	250386	48.257	ug/l	100
25) 2-Butanone	7.191	43	279081	269.438	ug/l	100
26) 2,2-Dichloropropane	7.191	77	147400	48.691	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	160684	49.190	ug/l	100
28) Bromochloromethane	7.532	49	113190	49.435	ug/l	100
29) Tetrahydrofuran	7.550	42	188178	265.287	ug/l	100
30) Chloroform	7.691	83	270281	49.023	ug/l	100
31) Cyclohexane	7.971	56	210337	45.861	ug/l	100
32) 1,1,1-Trichloroethane	7.892	97	207721	48.890	ug/l	100
36) 1,1-Dichloropropene	8.093	75	184651	48.296	ug/l	100
37) Ethyl Acetate	7.276	43	122534	50.805	ug/l	100
38) Carbon Tetrachloride	8.081	117	186814	47.949	ug/l	100
39) Methylcyclohexane	9.343	83	229164	48.175	ug/l	100
40) Benzene	8.337	78	556688	49.213	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031732.D
Acq On : 30 Jun 2025 11:21
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	70587	54.633	ug/l		100
42) 1,2-Dichloroethane	8.410	62	187709	49.111	ug/l		100
43) Isopropyl Acetate	8.434	43	216777	52.141	ug/l		100
44) Trichloroethene	9.099	130	139117	49.275	ug/l		100
45) 1,2-Dichloropropane	9.373	63	134070	49.040	ug/l		100
46) Dibromomethane	9.471	93	88721	50.266	ug/l		100
47) Bromodichloromethane	9.648	83	207001	50.013	ug/l		100
48) Methyl methacrylate	9.440	41	105740	51.725	ug/l		100
49) 1,4-Dioxane	9.465	88	20673	1100.195	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.215	43	633101	264.876	ug/l		100
52) Toluene	10.391	92	354627	48.965	ug/l		100
53) t-1,3-Dichloropropene	10.611	75	201014	51.763	ug/l		100
54) cis-1,3-Dichloropropene	10.074	75	222288	50.493	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	115580	49.991	ug/l		100
56) Ethyl methacrylate	10.647	69	166152	52.971	ug/l		100
57) 1,3-Dichloropropane	10.934	76	198954	49.013	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	454721	263.272	ug/l		100
59) 2-Hexanone	10.971	43	444148	274.219	ug/l		100
60) Dibromochloromethane	11.129	129	142721	51.621	ug/l		100
61) 1,2-Dibromoethane	11.239	107	117287	50.674	ug/l		100
64) Tetrachloroethene	10.867	164	113995	47.928	ug/l		100
65) Chlorobenzene	11.659	112	386218	48.141	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	127147	49.734	ug/l		100
67) Ethyl Benzene	11.733	91	685367	49.266	ug/l		100
68) m/p-Xylenes	11.836	106	528971	98.914	ug/l		100
69) o-Xylene	12.165	106	247840	50.054	ug/l		100
70) Styrene	12.178	104	439641	51.360	ug/l		100
71) Bromoform	12.348	173	79452	52.095	ug/l		100
73) Isopropylbenzene	12.464	105	650607	49.059	ug/l		100
74) N-amyl acetate	12.269	43	185960	52.024	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	147025	49.936	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	113761m	50.492	ug/l		
77) Bromobenzene	12.745	156	136242	46.062	ug/l		100
78) n-propylbenzene	12.800	91	778125	48.998	ug/l		100
79) 2-Chlorotoluene	12.891	91	468001	48.939	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	549993	50.102	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	50770	52.485	ug/l		100
82) 4-Chlorotoluene	12.989	91	492034	49.008	ug/l		100
83) tert-Butylbenzene	13.202	119	455621	48.454	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	544366	48.943	ug/l		100
85) sec-Butylbenzene	13.379	105	695122	49.251	ug/l		100
86) p-Isopropyltoluene	13.495	119	570989	49.088	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	286670	48.328	ug/l		100
88) 1,4-Dichlorobenzene	13.574	146	296666	48.863	ug/l		100
89) n-Butylbenzene	13.818	91	553799	49.002	ug/l		100
90) Hexachloroethane	14.086	117	103194	49.175	ug/l		100
91) 1,2-Dichlorobenzene	13.866	146	274605	50.650	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.482	75	29018	50.476	ug/l		100
93) 1,2,4-Trichlorobenzene	15.128	180	162674	48.652	ug/l		100
94) Hexachlorobutadiene	15.226	225	72238	44.742	ug/l		100
95) Naphthalene	15.354	128	417556	50.938	ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	150212	48.893	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031732.D
Acq On : 30 Jun 2025 11:21
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 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

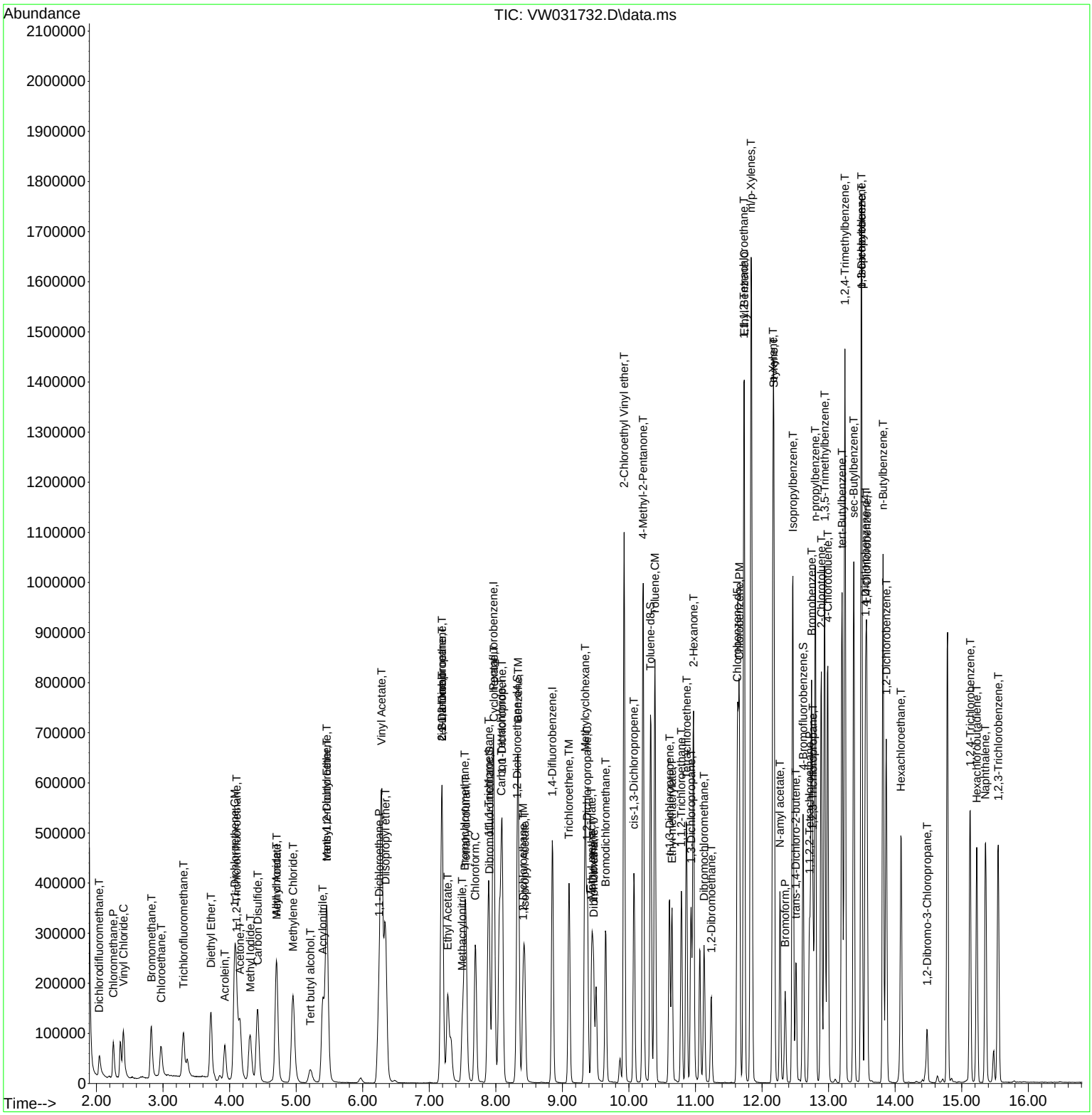
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031732.D
Acq On : 30 Jun 2025 11:21
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 01 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031733.D
Acq On : 30 Jun 2025 12:34
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:20:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	224702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	406265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	358957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	315303	97.777	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 195.560%#			
35) Dibromofluoromethane	7.898	113	265418	100.118	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 200.240%#			
50) Toluene-d8	10.325	98	998288	101.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 202.380%#			
62) 4-Bromofluorobenzene	12.617	95	365527	100.680	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 201.360%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	147738	96.542	ug/l	98
3) Chloromethane	2.253	50	182080	98.692	ug/l	99
4) Vinyl Chloride	2.405	62	244761	100.935	ug/l	97
5) Bromomethane	2.814	94	184987	97.666	ug/l	99
6) Chloroethane	2.966	64	161756	98.201	ug/l	99
7) Trichlorofluoromethane	3.296	101	209568	95.160	ug/l	99
8) Diethyl Ether	3.716	74	154043	92.052	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	232215	94.998	ug/l	99
10) Methyl Iodide	4.301	142	365954	97.112	ug/l	100
11) Tert butyl alcohol	5.210	59	97696	489.014	ug/l	96
12) 1,1-Dichloroethene	4.070	96	261103	97.519	ug/l	97
13) Acrolein	3.923	56	175125	487.715	ug/l	97
14) Allyl chloride	4.698	41	412947	100.521	ug/l	99
15) Acrylonitrile	5.393	53	405986	493.345	ug/l	99
16) Acetone	4.155	43	352601	439.652	ug/l	100
17) Carbon Disulfide	4.411	76	714624	99.742	ug/l	99
18) Methyl Acetate	4.698	43	209762	92.083	ug/l	99
19) Methyl tert-butyl Ether	5.454	73	441477	97.146	ug/l	99
20) Methylene Chloride	4.942	84	294557	99.868	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	283611	99.689	ug/l	96
22) Diisopropyl ether	6.338	45	792929	98.968	ug/l	98
23) Vinyl Acetate	6.277	43	2799136	511.492	ug/l	100
24) 1,1-Dichloroethane	6.240	63	508118	97.821	ug/l	99
25) 2-Butanone	7.185	43	519074	500.581	ug/l	98
26) 2,2-Dichloropropane	7.179	77	288897	95.325	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	330910	101.187	ug/l	98
28) Bromochloromethane	7.526	49	224498	97.940	ug/l	98
29) Tetrahydrofuran	7.545	42	349502	492.168	ug/l	100
30) Chloroform	7.691	83	534507	96.841	ug/l	99
31) Cyclohexane	7.965	56	422261	91.965	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	407612	95.829	ug/l	99
36) 1,1-Dichloropropene	8.093	75	375878	97.982	ug/l	99
37) Ethyl Acetate	7.270	43	228624	94.474	ug/l	100
38) Carbon Tetrachloride	8.081	117	380387	97.306	ug/l	96
39) Methylcyclohexane	9.337	83	481270	100.834	ug/l	99
40) Benzene	8.331	78	1096371	96.598	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031733.D
Acq On : 30 Jun 2025 12:34
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:20:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	131200	101.206	ug/l		98
42) 1,2-Dichloroethane	8.404	62	364585	95.068	ug/l		99
43) Isopropyl Acetate	8.429	43	417317	100.040	ug/l		99
44) Trichloroethene	9.099	130	273865	96.676	ug/l		96
45) 1,2-Dichloropropane	9.374	63	263216	95.956	ug/l		99
46) Dibromomethane	9.465	93	167767	94.732	ug/l		98
47) Bromodichloromethane	9.648	83	407715	98.177	ug/l		99
48) Methyl methacrylate	9.441	41	207070	100.953	ug/l		98
49) 1,4-Dioxane	9.459	88	39485	2094.300	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.209	43	1174822	489.871	ug/l		99
52) Toluene	10.386	92	710254	97.739	ug/l		98
53) t-1,3-Dichloropropene	10.605	75	404225	103.743	ug/l		98
54) cis-1,3-Dichloropropene	10.075	75	444410	100.610	ug/l		95
55) 1,1,2-Trichloroethane	10.788	97	223115	96.178	ug/l		97
56) Ethyl methacrylate	10.642	69	326655	103.792	ug/l		98
57) 1,3-Dichloropropane	10.928	76	387413	95.120	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.922	63	907630	523.732	ug/l		99
59) 2-Hexanone	10.965	43	817133	502.809	ug/l		99
60) Dibromochloromethane	11.129	129	273293	98.517	ug/l		97
61) 1,2-Dibromoethane	11.233	107	222768	95.925	ug/l		99
64) Tetrachloroethene	10.861	164	236432	100.695	ug/l		94
65) Chlorobenzene	11.654	112	773712	97.693	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.727	131	252455	100.030	ug/l		98
67) Ethyl Benzene	11.727	91	1388600	101.112	ug/l		100
68) m/p-Xylenes	11.837	106	1077324	204.066	ug/l		98
69) o-Xylene	12.160	106	506083	103.535	ug/l		97
70) Styrene	12.178	104	865542	102.427	ug/l		99
71) Bromoform	12.349	173	154434	102.574	ug/l	#	97
73) Isopropylbenzene	12.459	105	1355736	107.286	ug/l		100
74) N-amyl acetate	12.270	43	363996	106.869	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	275439	98.180	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	205119m	95.544	ug/l		
77) Bromobenzene	12.739	156	294310	104.424	ug/l		86
78) n-propylbenzene	12.800	91	1572731	103.933	ug/l		99
79) 2-Chlorotoluene	12.885	91	930210	102.084	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	1101203	105.277	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	99233	107.660	ug/l		98
82) 4-Chlorotoluene	12.983	91	963920	100.758	ug/l		100
83) tert-Butylbenzene	13.202	119	942890	105.234	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	1093757	103.202	ug/l		100
85) sec-Butylbenzene	13.379	105	1390528	103.396	ug/l		100
86) p-Isopropyltoluene	13.495	119	1168552	105.431	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	558538	98.818	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	576612	99.669	ug/l		97
89) n-Butylbenzene	13.818	91	1126053	104.566	ug/l		99
90) Hexachloroethane	14.092	117	211871	105.958	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	519347	100.530	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	55462	101.247	ug/l		97
93) 1,2,4-Trichlorobenzene	15.129	180	332108	104.240	ug/l		100
94) Hexachlorobutadiene	15.226	225	163909	106.542	ug/l		89
95) Naphthalene	15.360	128	867343	111.042	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	313738	107.170	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031733.D
Acq On : 30 Jun 2025 12:34
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:20:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 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

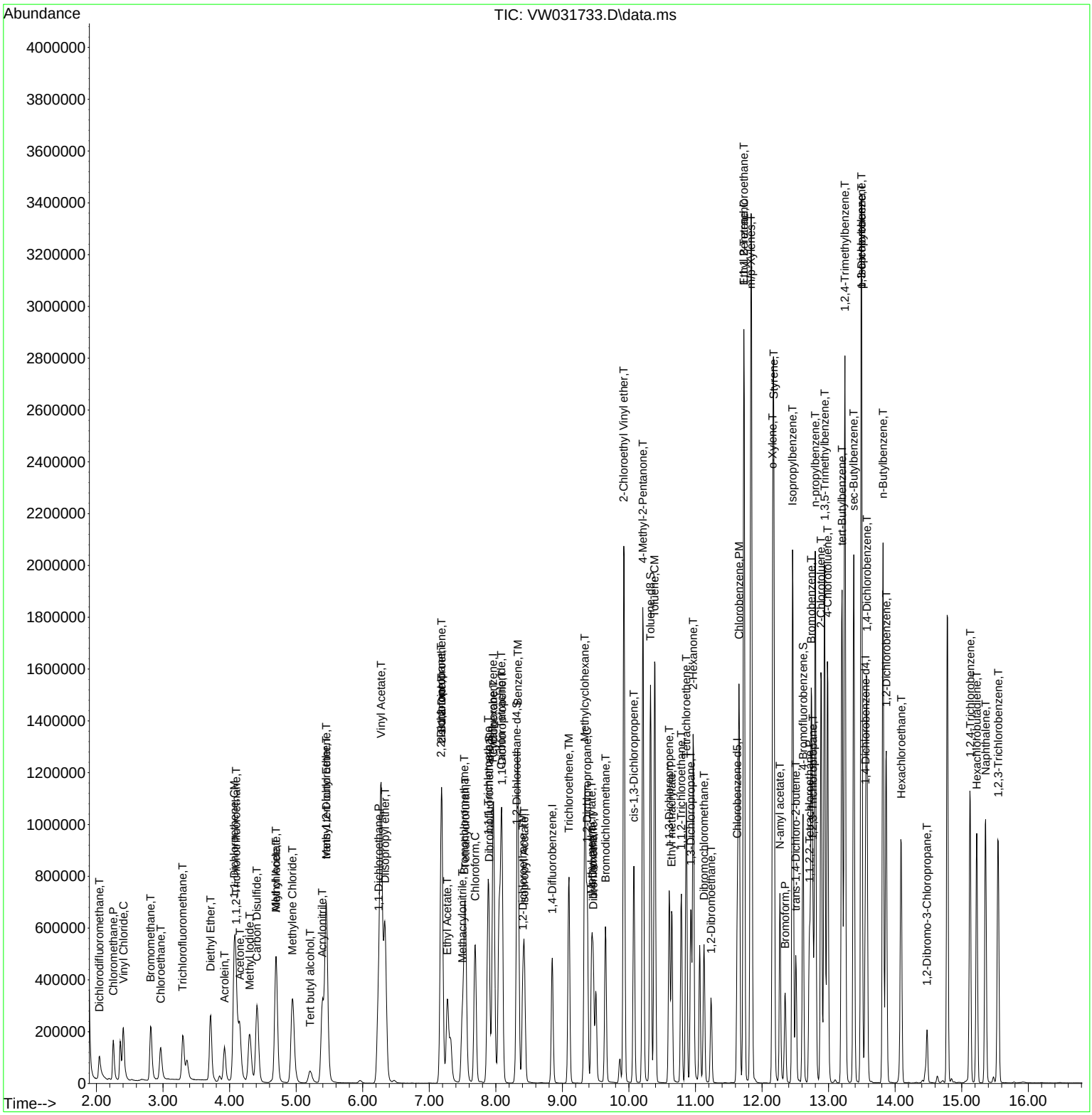
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031733.D
Acq On : 30 Jun 2025 12:34
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 01 02:20:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031734.D
Acq On : 30 Jun 2025 12:55
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	218767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	399414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	342661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	450859	143.606	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 287.220%#			
35) Dibromofluoromethane	7.898	113	374365	143.636	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 287.280%#			
50) Toluene-d8	10.325	98	1429859	147.419	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 294.840%#			
62) 4-Bromofluorobenzene	12.617	95	519559	145.561	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 291.120%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	230089	154.434	ug/l	100
3) Chloromethane	2.259	50	286265	159.372	ug/l	100
4) Vinyl Chloride	2.405	62	358412	151.812	ug/l	97
5) Bromomethane	2.814	94	274101	148.641	ug/l	97
6) Chloroethane	2.966	64	244261	152.312	ug/l	99
7) Trichlorofluoromethane	3.301	101	358255	167.089	ug/l	96
8) Diethyl Ether	3.716	74	223268	137.038	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	347651	146.081	ug/l	98
10) Methyl Iodide	4.301	142	539018	146.918	ug/l	100
11) Tert butyl alcohol	5.222	59	146727	754.362	ug/l	97
12) 1,1-Dichloroethene	4.070	96	386108	148.119	ug/l	95
13) Acrolein	3.929	56	257205	735.736	ug/l	96
14) Allyl chloride	4.704	41	619915	154.996	ug/l	98
15) Acrylonitrile	5.399	53	594796	742.391	ug/l	99
16) Acetone	4.155	43	473412	606.303	ug/l	99
17) Carbon Disulfide	4.417	76	1071989	153.680	ug/l	98
18) Methyl Acetate	4.704	43	318399	143.565	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	648742	146.627	ug/l	98
20) Methylene Chloride	4.954	84	411070	150.156	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	412998	149.107	ug/l	97
22) Diisopropyl ether	6.337	45	1161324	148.881	ug/l	98
23) Vinyl Acetate	6.283	43	4186413	785.745	ug/l	100
24) 1,1-Dichloroethane	6.246	63	756841	149.658	ug/l	99
25) 2-Butanone	7.191	43	776184	768.838	ug/l	98
26) 2,2-Dichloropropane	7.191	77	441320	149.570	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	485495	152.485	ug/l	99
28) Bromochloromethane	7.532	49	321043	143.858	ug/l	97
29) Tetrahydrofuran	7.551	42	517793	748.936	ug/l	99
30) Chloroform	7.691	83	792676	147.511	ug/l	97
31) Cyclohexane	7.971	56	643550	143.962	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	629664	152.050	ug/l	99
36) 1,1-Dichloropropene	8.093	75	559803	148.429	ug/l	99
37) Ethyl Acetate	7.270	43	341691	143.618	ug/l	100
38) Carbon Tetrachloride	8.087	117	580610	151.072	ug/l	97
39) Methylcyclohexane	9.343	83	741380	157.996	ug/l	99
40) Benzene	8.337	78	1642494	147.198	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031734.D
Acq On : 30 Jun 2025 12:55
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	199650	156.650	ug/l		99
42) 1,2-Dichloroethane	8.410	62	533792	141.578	ug/l		99
43) Isopropyl Acetate	8.435	43	631057	153.874	ug/l		100
44) Trichloroethene	9.099	130	424322	152.358	ug/l		99
45) 1,2-Dichloropropane	9.373	63	390006	144.616	ug/l		98
46) Dibromomethane	9.465	93	251060	144.196	ug/l		99
47) Bromodichloromethane	9.648	83	610837	149.611	ug/l		99
48) Methyl methacrylate	9.441	41	306797	152.139	ug/l		99
49) 1,4-Dioxane	9.459	88	57850	3121.017	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.215	43	1721097	729.963	ug/l		99
52) Toluene	10.392	92	1076709	150.709	ug/l		95
53) t-1,3-Dichloropropene	10.605	75	598943	156.353	ug/l		98
54) cis-1,3-Dichloropropene	10.075	75	670647	154.433	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	326894	143.331	ug/l		97
56) Ethyl methacrylate	10.648	69	490690	158.587	ug/l		99
57) 1,3-Dichloropropane	10.934	76	570666	142.516	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	1297023	761.261	ug/l		100
59) 2-Hexanone	10.971	43	1192007	746.062	ug/l		99
60) Dibromochloromethane	11.129	129	413333	151.554	ug/l		98
61) 1,2-Dibromoethane	11.233	107	336847	147.535	ug/l		98
64) Tetrachloroethene	10.867	164	353130	157.549	ug/l		92
65) Chlorobenzene	11.660	112	1150958	152.237	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.727	131	375280	155.768	ug/l		99
67) Ethyl Benzene	11.733	91	2044338	155.940	ug/l		94
68) m/p-Xylenes	11.836	106	1571204	311.770	ug/l		98
69) o-Xylene	12.166	106	743731	159.389	ug/l		99
70) Styrene	12.178	104	1266593	157.015	ug/l		99
71) Bromoform	12.349	173	229439	159.639	ug/l	#	98
73) Isopropylbenzene	12.464	105	1956819	162.971	ug/l		99
74) N-amyl acetate	12.269	43	535843	165.571	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	403490	151.363	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	308804m	151.382	ug/l		
77) Bromobenzene	12.745	156	427085	159.479	ug/l		88
78) n-propylbenzene	12.800	91	2324539	161.670	ug/l		100
79) 2-Chlorotoluene	12.891	91	1366267	157.800	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	1593533	160.332	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	146143	166.866	ug/l		98
82) 4-Chlorotoluene	12.989	91	1410360	155.153	ug/l		98
83) tert-Butylbenzene	13.202	119	1418313	166.594	ug/l		96
84) 1,2,4-Trimethylbenzene	13.251	105	1609766	159.853	ug/l		99
85) sec-Butylbenzene	13.379	105	2077110	162.545	ug/l		99
86) p-Isopropyltoluene	13.495	119	1725089	163.804	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	815863	151.913	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	826448	150.344	ug/l		96
89) n-Butylbenzene	13.818	91	1662481	162.473	ug/l		99
90) Hexachloroethane	14.092	117	319664	168.248	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	740320	150.818	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	82484	158.471	ug/l		96
93) 1,2,4-Trichlorobenzene	15.129	180	486869	160.827	ug/l		97
94) Hexachlorobutadiene	15.226	225	231652	158.470	ug/l		93
95) Naphthalene	15.360	128	1256199	169.258	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	438342	157.584	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031734.D
Acq On : 30 Jun 2025 12:55
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 02:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 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

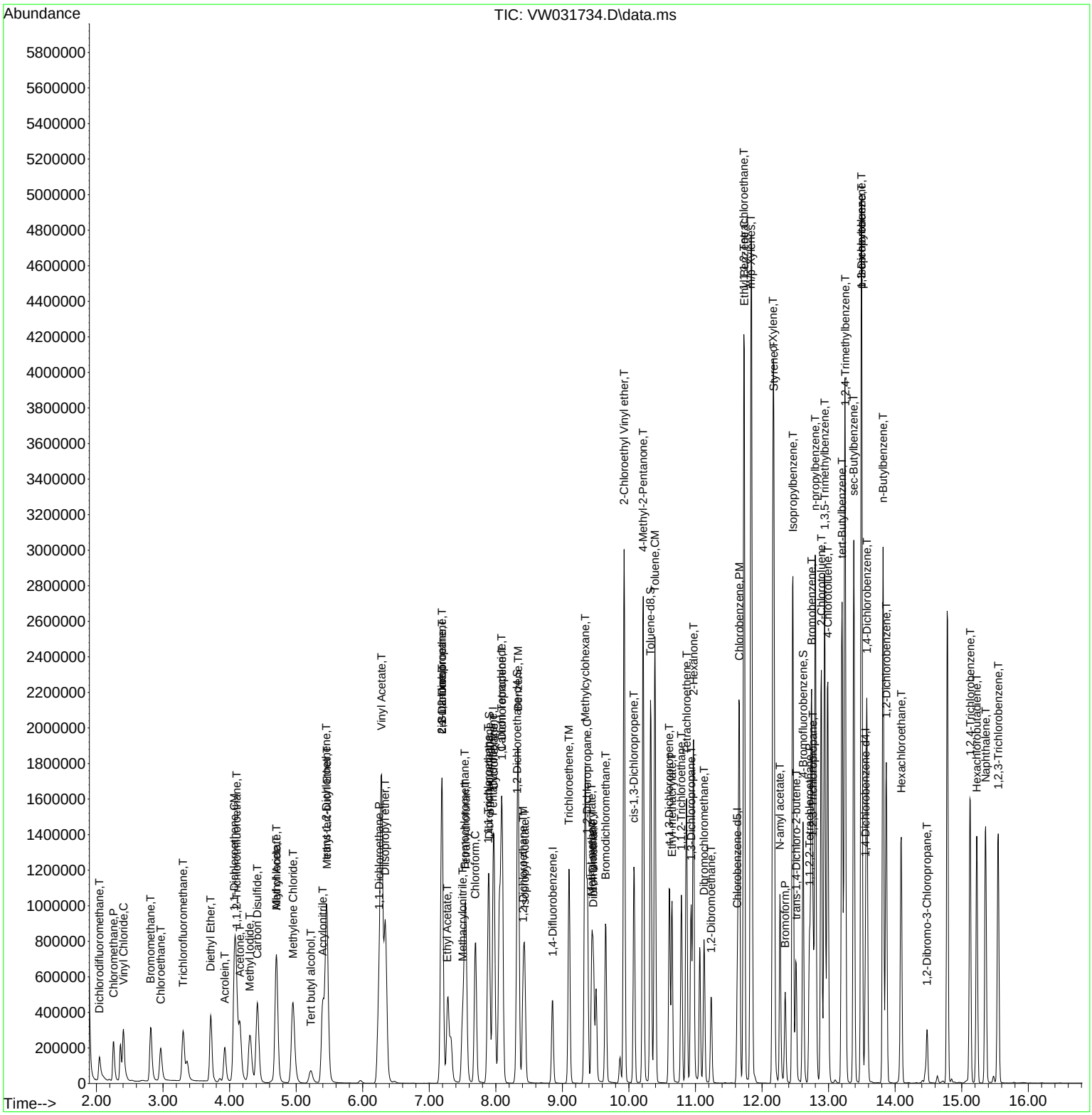
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031734.D
Acq On : 30 Jun 2025 12:55
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 01 02:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	228661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	405093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	163826	49.923	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 99.840%			
35) Dibromofluoromethane	7.898	113	129810	49.107	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 98.220%			
50) Toluene-d8	10.324	98	497288	50.552	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.617	95	189206	52.265	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	79725	51.196	ug/l	99
3) Chloromethane	2.253	50	96206	51.243	ug/l	98
4) Vinyl Chloride	2.405	62	129034	52.290	ug/l	98
5) Bromomethane	2.820	94	94589	49.075	ug/l	100
6) Chloroethane	2.966	64	85126	50.785	ug/l	98
7) Trichlorofluoromethane	3.301	101	102813	45.877	ug/l	99
8) Diethyl Ether	3.716	74	85549	50.236	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	127184	51.130	ug/l	99
10) Methyl Iodide	4.307	142	196219	51.168	ug/l	99
11) Tert butyl alcohol	5.216	59	55596	273.466	ug/l	98
12) 1,1-Dichloroethene	4.069	96	139112	51.057	ug/l	95
13) Acrolein	3.923	56	87032	238.183	ug/l	97
14) Allyl chloride	4.697	41	223623	53.493	ug/l	99
15) Acrylonitrile	5.392	53	220336	263.111	ug/l	99
16) Acetone	4.155	43	207587	255.933	ug/l	99
17) Carbon Disulfide	4.417	76	372415	51.079	ug/l	99
18) Methyl Acetate	4.704	43	110627	47.723	ug/l	99
19) Methyl tert-butyl Ether	5.453	73	249430	53.936	ug/l	99
20) Methylene Chloride	4.947	84	165907	51.478	ug/l	99
21) trans-1,2-Dichloroethene	5.453	96	150128	51.856	ug/l	96
22) Diisopropyl ether	6.331	45	435531	53.419	ug/l	95
23) Vinyl Acetate	6.276	43	1558241	279.810	ug/l	98
24) 1,1-Dichloroethane	6.240	63	275659	52.150	ug/l	98
25) 2-Butanone	7.191	43	295677	280.206	ug/l	96
26) 2,2-Dichloropropane	7.179	77	158098	51.263	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	175371	52.697	ug/l	100
28) Bromochloromethane	7.526	49	118204	50.675	ug/l	99
29) Tetrahydrofuran	7.544	42	197209	272.901	ug/l	99
30) Chloroform	7.691	83	291107	51.829	ug/l	99
31) Cyclohexane	7.965	56	235145	50.326	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	226937	52.429	ug/l	99
36) 1,1-Dichloropropene	8.093	75	207537	54.256	ug/l	99
37) Ethyl Acetate	7.264	43	135668	56.224	ug/l	99
38) Carbon Tetrachloride	8.081	117	211131	54.165	ug/l	99
39) Methylcyclohexane	9.337	83	261262	54.897	ug/l	99
40) Benzene	8.331	78	600684	53.078	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	76710	59.345	ug/l		97
42) 1,2-Dichloroethane	8.410	62	201420	52.674	ug/l		99
43) Isopropyl Acetate	8.435	43	234518	56.382	ug/l		99
44) Trichloroethene	9.099	130	147985	52.391	ug/l		99
45) 1,2-Dichloropropane	9.373	63	142562	52.122	ug/l		95
46) Dibromomethane	9.465	93	92714	52.504	ug/l		98
47) Bromodichloromethane	9.648	83	222794	53.804	ug/l		99
48) Methyl methacrylate	9.440	41	119156	58.260	ug/l		94
49) 1,4-Dioxane	9.465	88	21984	1062.966	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.209	43	667473	279.124	ug/l		100
52) Toluene	10.392	92	394923	54.503	ug/l		96
53) t-1,3-Dichloropropene	10.605	75	217762	56.049	ug/l		96
54) cis-1,3-Dichloropropene	10.074	75	242935	55.157	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	124548	53.844	ug/l		98
56) Ethyl methacrylate	10.648	69	182604	58.189	ug/l		98
57) 1,3-Dichloropropane	10.934	76	211062	51.971	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.922	63	486398	281.479	ug/l		97
59) 2-Hexanone	10.971	43	458136	282.722	ug/l		100
60) Dibromochloromethane	11.129	129	149294	53.973	ug/l		98
61) 1,2-Dibromoethane	11.233	107	123748	53.440	ug/l		96
64) Tetrachloroethene	10.861	164	120824	52.421	ug/l		95
65) Chlorobenzene	11.653	112	423257	54.443	ug/l		92
66) 1,1,1,2-Tetrachloroethane	11.727	131	141650	57.176	ug/l		94
67) Ethyl Benzene	11.727	91	757105	56.161	ug/l		99
68) m/p-Xylenes	11.836	106	590281	113.903	ug/l		98
69) o-Xylene	12.166	106	274498	57.208	ug/l		98
70) Styrene	12.178	104	469288	56.574	ug/l		99
71) Bromoform	12.348	173	86209	58.331	ug/l		99
73) Isopropylbenzene	12.458	105	715943	54.594	ug/l		99
74) N-amyl acetate	12.269	43	207540	58.715	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	157354	54.047	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	118399m	53.142	ug/l		
77) Bromobenzene	12.745	156	164306	56.175	ug/l		85
78) n-propylbenzene	12.800	91	868816	55.325	ug/l		100
79) 2-Chlorotoluene	12.891	91	515508	54.514	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	610714	56.260	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	54787	57.276	ug/l		97
82) 4-Chlorotoluene	12.983	91	528072	53.189	ug/l		99
83) tert-Butylbenzene	13.202	119	502105	53.999	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	602889	54.815	ug/l		99
85) sec-Butylbenzene	13.379	105	773900	55.450	ug/l		100
86) p-Isopropyltoluene	13.495	119	639419	55.591	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	321218	54.762	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	316827	52.771	ug/l		97
89) n-Butylbenzene	13.818	91	630792	56.443	ug/l		100
90) Hexachloroethane	14.086	117	116309	56.049	ug/l		99
91) 1,2-Dichlorobenzene	13.866	146	290975	54.274	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30797	54.174	ug/l		99
93) 1,2,4-Trichlorobenzene	15.122	180	190916	57.742	ug/l		97
94) Hexachlorobutadiene	15.226	225	92237	57.772	ug/l		91
95) Naphthalene	15.354	128	461350	56.915	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	174283	57.366	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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

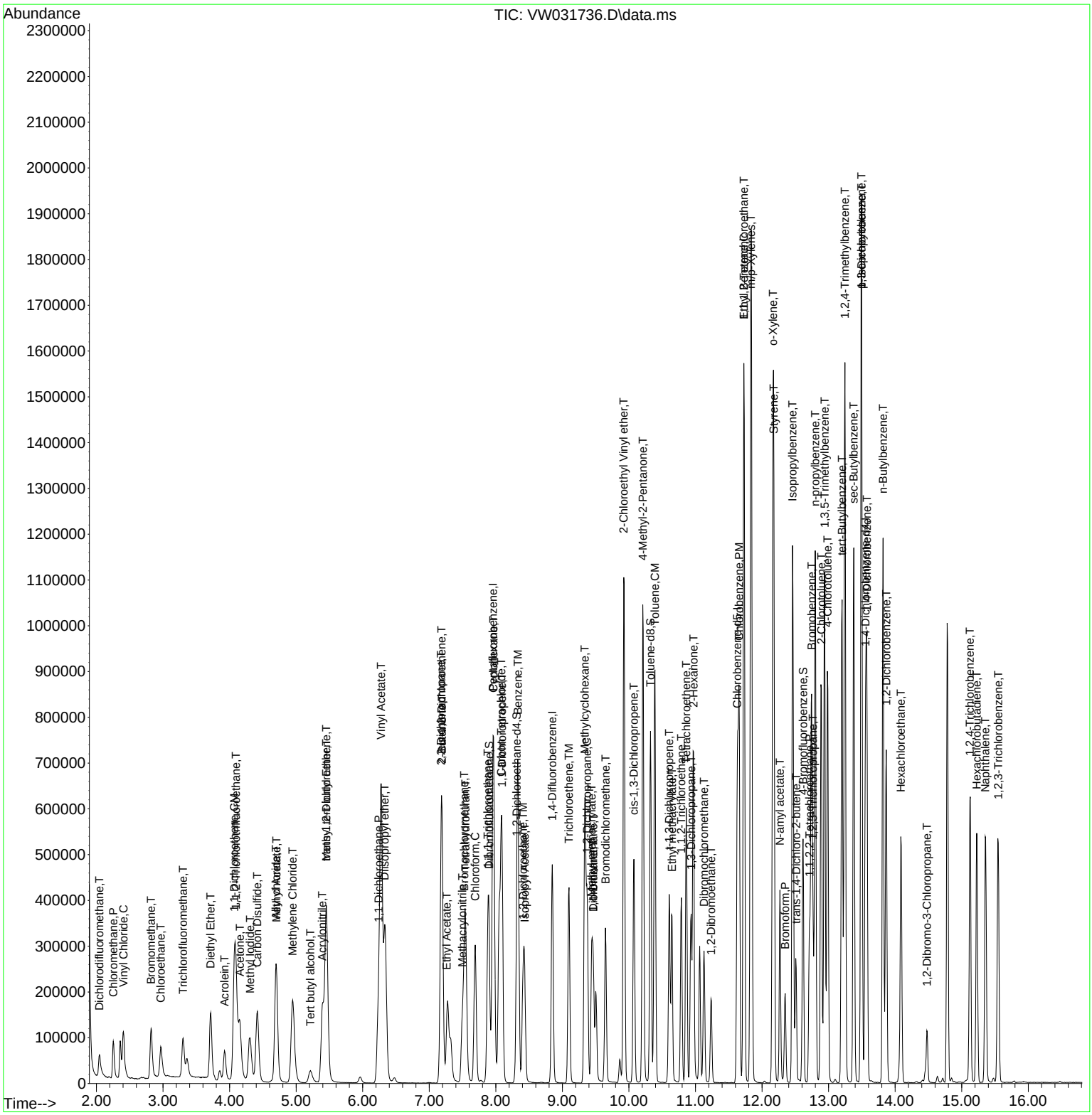
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	102	0.00
2	T	Dichlorodifluoromethane	0.341	0.349	-2.3	115	0.00
3	P	Chloromethane	0.411	0.421	-2.4	114	0.00
4	C	Vinyl Chloride	0.540	0.564	-4.4#	112	0.00
5	T	Bromomethane	0.421	0.414	1.7	106	0.00
6	T	Chloroethane	0.367	0.372	-1.4	109	0.00
7	T	Trichlorofluoromethane	0.490	0.450	8.2	98	0.00
8	T	Diethyl Ether	0.372	0.374	-0.5	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.544	0.556	-2.2	111	-0.01
10	T	Methyl Iodide	0.839	0.858	-2.3	107	0.00
11	T	Tert butyl alcohol	0.044	0.049	-11.4	106	0.00
12	CM	1,1-Dichloroethene	0.596	0.608	-2.0#	112	0.00
13	T	Acrolein	0.080	0.076	5.0	93	0.00
14	T	Allyl chloride	0.914	0.978	-7.0	111	0.00
15	T	Acrylonitrile	0.183	0.193	-5.5	103	0.00
16	T	Acetone	0.177	0.182	-2.8	114	0.00
17	T	Carbon Disulfide	1.594	1.629	-2.2	108	0.00
18	T	Methyl Acetate	0.507	0.484	4.5	93	0.00
19	T	Methyl tert-butyl Ether	1.011	1.091	-7.9	108	0.00
20	T	Methylene Chloride	0.814	0.726	10.8	107	0.00
21	T	trans-1,2-Dichloroethene	0.633	0.657	-3.8	109	0.00
22	T	Diisopropyl ether	1.783	1.905	-6.8	108	-0.01
23	T	Vinyl Acetate	1.218	1.363	-11.9	111	0.00
24	P	1,1-Dichloroethane	1.156	1.206	-4.3	110	0.00
25	T	2-Butanone	0.231	0.259	-12.1	106	0.00
26	T	2,2-Dichloropropane	0.674	0.691	-2.5	107	-0.01
27	T	cis-1,2-Dichloroethene	0.728	0.767	-5.4	109	0.00
28	T	Bromochloromethane	0.510	0.517	-1.4	104	0.00
29	T	Tetrahydrofuran	0.158	0.172	-8.9	105	0.00
30	C	Chloroform	1.228	1.273	-3.7#	108	0.00
31	T	Cyclohexane	1.022	1.028	-0.6	112	0.00
32	T	1,1,1-Trichloroethane	0.946	0.992	-4.9	109	-0.01
33	S	1,2-Dichloroethane-d4	0.718	0.716	0.3	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.326	0.320	1.8	99	0.00
36	T	1,1-Dichloropropene	0.472	0.512	-8.5	112	0.00
37	T	Ethyl Acetate	0.298	0.335	-12.4	111	-0.01
38	T	Carbon Tetrachloride	0.481	0.521	-8.3	113	0.00
39	T	Methylcyclohexane	0.587	0.645	-9.9	114	0.00
40	TM	Benzene	1.397	1.483	-6.2	108	0.00
41	T	Methacrylonitrile	0.160	0.189	-18.1	109	0.00
42	TM	1,2-Dichloroethane	0.472	0.497	-5.3	107	0.00
43	T	Isopropyl Acetate	0.513	0.579	-12.9	108	0.00
44	TM	Trichloroethene	0.349	0.365	-4.6	106	0.00
45	C	1,2-Dichloropropane	0.338	0.352	-4.1#	106	0.00
46	T	Dibromomethane	0.218	0.229	-5.0	105	0.00
47	T	Bromodichloromethane	0.511	0.550	-7.6	108	0.00
48	T	Methyl methacrylate	0.252	0.294	-16.7	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	0.003	0.003	0.0	106	0.00
50	S	Toluene-d8	1.214	1.228	-1.2	102	0.00
51	T	4-Methyl-2-Pentanone	0.295	0.330	-11.9	105	0.00
52	CM	Toluene	0.894	0.975	-9.1#	111	0.00
53	T	t-1,3-Dichloropropene	0.480	0.538	-12.1	108	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.600	-10.3	109	0.00
55	T	1,1,2-Trichloroethane	0.286	0.307	-7.3	108	0.00
56	T	Ethyl methacrylate	0.387	0.451	-16.5	110	0.00
57	T	1,3-Dichloropropane	0.501	0.521	-4.0	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.213	0.240	-12.7	107	0.00
59	T	2-Hexanone	0.200	0.226	-13.0	103	0.00
60	T	Dibromochloromethane	0.341	0.369	-8.2	105	0.00
61	T	1,2-Dibromoethane	0.286	0.305	-6.6	106	0.00
62	S	4-Bromofluorobenzene	0.447	0.467	-4.5	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.327	0.343	-4.9	106	0.00
65	PM	Chlorobenzene	1.103	1.201	-8.9	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.402	-14.2	111	0.00
67	C	Ethyl Benzene	1.913	2.149	-12.3#	110	0.00
68	T	m/p-Xylenes	0.735	0.838	-14.0	112	0.00
69	T	o-Xylene	0.681	0.779	-14.4	111	0.00
70	T	Styrene	1.177	1.332	-13.2	107	0.00
71	P	Bromoform	0.210	0.245	-16.7	109	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.803	4.153	-9.2	110	0.00
74	T	N-amyl acetate	1.025	1.204	-17.5	112	0.00
75	P	1,1,2,2-Tetrachloroethane	0.844	0.913	-8.2	107	0.00
76	T	1,2,3-Trichloropropane	0.646	0.687	-6.3	104	0.00
77	T	Bromobenzene	0.848	0.953	-12.4	121	0.00
78	T	n-propylbenzene	4.554	5.039	-10.6	112	0.00
79	T	2-Chlorotoluene	2.743	2.990	-9.0	110	0.00
80	T	1,3,5-Trimethylbenzene	3.148	3.542	-12.5	111	0.00
81	T	trans-1,4-Dichloro-2-butene	0.277	0.318	-14.8	108	0.00
82	T	4-Chlorotoluene	2.879	3.063	-6.4	107	0.00
83	T	tert-Butylbenzene	2.697	2.912	-8.0	110	0.00
84	T	1,2,4-Trimethylbenzene	3.190	3.497	-9.6	111	0.00
85	T	sec-Butylbenzene	4.048	4.489	-10.9	111	0.00
86	T	p-Isopropyltoluene	3.336	3.709	-11.2	112	0.00
87	T	1,3-Dichlorobenzene	1.701	1.863	-9.5	112	0.00
88	T	1,4-Dichlorobenzene	1.741	1.838	-5.6	107	0.00
89	T	n-Butylbenzene	3.241	3.659	-12.9	114	0.00
90	T	Hexachloroethane	0.602	0.675	-12.1	113	0.00
91	T	1,2-Dichlorobenzene	1.555	1.688	-8.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.165	0.179	-8.5	106	0.00
93	T	1,2,4-Trichlorobenzene	0.959	1.107	-15.4	117	0.00
94	T	Hexachlorobutadiene	0.463	0.535	-15.6	128	0.00
95	T	Naphthalene	2.351	2.676	-13.8	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	0.881	1.011	-14.8	116	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_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	51.196	-2.4	115	0.00
3	P	Chloromethane	50.000	51.243	-2.5	114	0.00
4	C	Vinyl Chloride	50.000	52.290	-4.6#	112	0.00
5	T	Bromomethane	50.000	49.075	1.8	106	0.00
6	T	Chloroethane	50.000	50.785	-1.6	109	0.00
7	T	Trichlorofluoromethane	50.000	45.877	8.2	98	0.00
8	T	Diethyl Ether	50.000	50.236	-0.5	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.130	-2.3	111	-0.01
10	T	Methyl Iodide	50.000	51.168	-2.3	107	0.00
11	T	Tert butyl alcohol	250.000	273.466	-9.4	106	0.00
12	CM	1,1-Dichloroethene	50.000	51.057	-2.1#	112	0.00
13	T	Acrolein	250.000	238.183	4.7	93	0.00
14	T	Allyl chloride	50.000	53.493	-7.0	111	0.00
15	T	Acrylonitrile	250.000	263.111	-5.2	103	0.00
16	T	Acetone	250.000	255.933	-2.4	114	0.00
17	T	Carbon Disulfide	50.000	51.079	-2.2	108	0.00
18	T	Methyl Acetate	50.000	47.723	4.6	93	0.00
19	T	Methyl tert-butyl Ether	50.000	53.936	-7.9	108	0.00
20	T	Methylene Chloride	50.000	51.478	-3.0	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.856	-3.7	109	0.00
22	T	Diisopropyl ether	50.000	53.419	-6.8	108	-0.01
23	T	Vinyl Acetate	250.000	279.810	-11.9	111	0.00
24	P	1,1-Dichloroethane	50.000	52.150	-4.3	110	0.00
25	T	2-Butanone	250.000	280.206	-12.1	106	0.00
26	T	2,2-Dichloropropane	50.000	51.263	-2.5	107	-0.01
27	T	cis-1,2-Dichloroethene	50.000	52.697	-5.4	109	0.00
28	T	Bromochloromethane	50.000	50.675	-1.3	104	0.00
29	T	Tetrahydrofuran	250.000	272.901	-9.2	105	0.00
30	C	Chloroform	50.000	51.829	-3.7#	108	0.00
31	T	Cyclohexane	50.000	50.326	-0.7	112	0.00
32	T	1,1,1-Trichloroethane	50.000	52.429	-4.9	109	-0.01
33	S	1,2-Dichloroethane-d4	50.000	49.923	0.2	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	49.107	1.8	99	0.00
36	T	1,1-Dichloropropene	50.000	54.256	-8.5	112	0.00
37	T	Ethyl Acetate	50.000	56.224	-12.4	111	-0.01
38	T	Carbon Tetrachloride	50.000	54.165	-8.3	113	0.00
39	T	Methylcyclohexane	50.000	54.897	-9.8	114	0.00
40	TM	Benzene	50.000	53.078	-6.2	108	0.00
41	T	Methacrylonitrile	50.000	59.345	-18.7	109	0.00
42	TM	1,2-Dichloroethane	50.000	52.674	-5.3	107	0.00
43	T	Isopropyl Acetate	50.000	56.382	-12.8	108	0.00
44	TM	Trichloroethene	50.000	52.391	-4.8	106	0.00
45	C	1,2-Dichloropropane	50.000	52.122	-4.2#	106	0.00
46	T	Dibromomethane	50.000	52.504	-5.0	105	0.00
47	T	Bromodichloromethane	50.000	53.804	-7.6	108	0.00
48	T	Methyl methacrylate	50.000	58.260	-16.5	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	1062.966	-6.3	106	0.00
50	S	Toluene-d8	50.000	50.552	-1.1	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	279.124	-11.6	105	0.00
52	CM	Toluene	50.000	54.503	-9.0#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	56.049	-12.1	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.157	-10.3	109	0.00
55	T	1,1,2-Trichloroethane	50.000	53.844	-7.7	108	0.00
56	T	Ethyl methacrylate	50.000	58.189	-16.4	110	0.00
57	T	1,3-Dichloropropane	50.000	51.971	-3.9	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.479	-12.6	107	0.00
59	T	2-Hexanone	250.000	282.722	-13.1	103	0.00
60	T	Dibromochloromethane	50.000	53.973	-7.9	105	0.00
61	T	1,2-Dibromoethane	50.000	53.440	-6.9	106	0.00
62	S	4-Bromofluorobenzene	50.000	52.265	-4.5	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	52.421	-4.8	106	0.00
65	PM	Chlorobenzene	50.000	54.443	-8.9	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.176	-14.4	111	0.00
67	C	Ethyl Benzene	50.000	56.161	-12.3#	110	0.00
68	T	m/p-Xylenes	100.000	113.903	-13.9	112	0.00
69	T	o-Xylene	50.000	57.208	-14.4	111	0.00
70	T	Styrene	50.000	56.574	-13.1	107	0.00
71	P	Bromoform	50.000	58.331	-16.7	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	54.594	-9.2	110	0.00
74	T	N-amyl acetate	50.000	58.715	-17.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.047	-8.1	107	0.00
76	T	1,2,3-Trichloropropane	50.000	53.142	-6.3	104	0.00
77	T	Bromobenzene	50.000	56.175	-12.3	121	0.00
78	T	n-propylbenzene	50.000	55.325	-10.7	112	0.00
79	T	2-Chlorotoluene	50.000	54.514	-9.0	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.260	-12.5	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.276	-14.6	108	0.00
82	T	4-Chlorotoluene	50.000	53.189	-6.4	107	0.00
83	T	tert-Butylbenzene	50.000	53.999	-8.0	110	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.815	-9.6	111	0.00
85	T	sec-Butylbenzene	50.000	55.450	-10.9	111	0.00
86	T	p-Isopropyltoluene	50.000	55.591	-11.2	112	0.00
87	T	1,3-Dichlorobenzene	50.000	54.762	-9.5	112	0.00
88	T	1,4-Dichlorobenzene	50.000	52.771	-5.5	107	0.00
89	T	n-Butylbenzene	50.000	56.443	-12.9	114	0.00
90	T	Hexachloroethane	50.000	56.049	-12.1	113	0.00
91	T	1,2-Dichlorobenzene	50.000	54.274	-8.5	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.174	-8.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.742	-15.5	117	0.00
94	T	Hexachlorobutadiene	50.000	57.772	-15.5	128	0.00
95	T	Naphthalene	50.000	56.915	-13.8	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031736.D
Acq On : 30 Jun 2025 15:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW063025

Quant Time: Jul 01 03:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	57.366	-14.7	116	0.00

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

Raw Data: **VW031864.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	SCIA01
Lab Code:	ACE	SDG No.:	Q2618
Instrument ID:	MSVOA_W	Calibration Date/Time:	07/16/2025 09:22
Lab File ID:	VW031864.D	Init. Calib. Date(s):	06/30/2025 06/30/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:54 12:55

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.375		9.97	20
Chloromethane	0.411	0.471	0.1	14.6	20
Vinyl Chloride	0.540	0.622		15.19	20
Bromomethane	0.421	0.444		5.46	20
Chloroethane	0.367	0.390		6.27	20
Trichlorofluoromethane	0.490	0.561		14.49	20
1,1,2-Trichlorotrifluoroethane	0.544	0.589		8.27	20
1,1-Dichloroethene	0.596	0.670		12.42	20
Acetone	0.177	0.162		-8.48	20
Carbon Disulfide	1.594	1.727		8.34	20
Methyl tert-butyl Ether	1.011	1.154		14.14	20
Methyl Acetate	0.507	0.528		4.14	20
Methylene Chloride	0.814	0.758		-6.88	20
trans-1,2-Dichloroethene	0.633	0.703		11.06	20
1,1-Dichloroethane	1.156	1.298	0.1	12.28	20
Cyclohexane	1.022	1.105		8.12	20
2-Butanone	0.231	0.256		10.82	20
Carbon Tetrachloride	0.481	0.499		3.74	20
cis-1,2-Dichloroethene	0.728	0.849		16.62	20
Bromochloromethane	0.510	0.549		7.65	20
Chloroform	1.228	1.374		11.89	20
1,1,1-Trichloroethane	0.946	1.003		6.03	20
Methylcyclohexane	0.587	0.657		11.93	20
Benzene	1.397	1.540		10.24	20
1,2-Dichloroethane	0.472	0.503		6.57	20
Trichloroethene	0.349	0.371		6.3	20
1,2-Dichloropropane	0.338	0.363		7.4	20
Bromodichloromethane	0.511	0.562		9.98	20
4-Methyl-2-Pentanone	0.295	0.316		7.12	20
Toluene	0.894	0.990		10.74	20
t-1,3-Dichloropropene	0.480	0.538		12.08	20
cis-1,3-Dichloropropene	0.544	0.616		13.23	20
1,1,2-Trichloroethane	0.286	0.309		8.04	20
2-Hexanone	0.200	0.222		11	20
Dibromochloromethane	0.341	0.359		5.28	20
1,2-Dibromoethane	0.286	0.310		8.39	20
Tetrachloroethene	0.327	0.335		2.45	20
Chlorobenzene	1.103	1.224	0.3	10.97	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: **VW031864.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	SCIA01
Lab Code:	ACE	SDG No.:	Q2618
Instrument ID:	MSVOA_W	Calibration Date/Time:	07/16/2025 09:22
Lab File ID:	VW031864.D	Init. Calib. Date(s):	06/30/2025 06/30/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:54 12:55

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.913	2.158		12.81	20
m/p-Xylenes	0.735	0.823		11.97	20
o-Xylene	0.681	0.783		14.98	20
Styrene	1.177	1.322		12.32	20
Bromoform	0.210	0.228	0.1	8.57	20
Isopropylbenzene	3.803	4.471		17.57	20
1,1,2,2-Tetrachloroethane	0.844	0.961	0.3	13.86	20
1,3-Dichlorobenzene	1.701	1.946		14.4	20
1,4-Dichlorobenzene	1.741	1.938		11.31	20
1,2-Dichlorobenzene	1.555	1.750		12.54	20
1,2-Dibromo-3-Chloropropane	0.165	0.177		7.27	20
1,2,4-Trichlorobenzene	0.959	1.101		14.81	20
1,2,3-Trichlorobenzene	0.881	0.925		4.99	20
1,2-Dichloroethane-d4	0.718	0.706		-1.67	20
Dibromofluoromethane	0.326	0.323		-0.92	20
Toluene-d8	1.214	1.204		-0.82	20
4-Bromofluorobenzene	0.447	0.465		4.03	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_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
07/17/2025
Supervised By :Semsettin Yesilyurt
07/17/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.959	168	223578	50.000 ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	416969	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361888	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164563	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.319	65	157932	49.222 ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 98.440%		
35) Dibromofluoromethane	7.898	113	134811	49.546 ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.100%		
50) Toluene-d8	10.325	98	501832	49.561 ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.120%		
62) 4-Bromofluorobenzene	12.617	95	193715	51.987 ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.980%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.052	85	83789	55.028 ug/l	99
3) Chloromethane	2.259	50	105237	57.328 ug/l	98
4) Vinyl Chloride	2.412	62	139121	57.659 ug/l	99
5) Bromomethane	2.832	94	99221	52.648 ug/l	98
6) Chloroethane	2.972	64	87263	53.243 ug/l	95
7) Trichlorofluoromethane	3.308	101	125448	57.250 ug/l	98
8) Diethyl Ether	3.722	74	90681	54.461 ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	131629	54.120 ug/l	98
10) Methyl Iodide	4.308	142	191507	51.075 ug/l	100
11) Tert butyl alcohol	5.222	59	51288	258.011 ug/l	96
12) 1,1-Dichloroethene	4.082	96	149811	56.234 ug/l	95
13) Acrolein	3.930	56	88281	247.094 ug/l	99
14) Allyl chloride	4.704	41	222643	54.469 ug/l	97
15) Acrylonitrile	5.405	53	219501	268.073 ug/l	100
16) Acetone	4.161	43	180875	228.070 ug/l	100
17) Carbon Disulfide	4.423	76	386108	54.161 ug/l	97
18) Methyl Acetate	4.710	43	118004	52.063 ug/l	98
19) Methyl tert-butyl Ether	5.466	73	258097	57.079 ug/l	99
20) Methylene Chloride	4.954	84	169434	54.067 ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	157091	55.495 ug/l	92
22) Diisopropyl ether	6.344	45	468704	58.795 ug/l	98
23) Vinyl Acetate	6.283	43	1588205	291.675 ug/l	99
24) 1,1-Dichloroethane	6.246	63	290105	56.131 ug/l	99
25) 2-Butanone	7.191	43	286251	277.440 ug/l	97
26) 2,2-Dichloropropane	7.185	77	152005	50.408 ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	189732	58.309 ug/l	98
28) Bromochloromethane	7.533	49	122663	53.782 ug/l	98
29) Tetrahydrofuran	7.551	42	195430	276.587 ug/l	100
30) Chloroform	7.691	83	307242	55.945 ug/l	98
31) Cyclohexane	7.972	56	247047	54.075 ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	224259	52.988 ug/l	99
36) 1,1-Dichloropropene	8.093	75	216954	55.103 ug/l	100
37) Ethyl Acetate	7.277	43	133030	53.561 ug/l	99
38) Carbon Tetrachloride	8.081	117	208179	51.887 ug/l	99
39) Methylcyclohexane	9.343	83	273751	55.883 ug/l	98
40) Benzene	8.337	78	642068	55.119 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
07/17/2025
Supervised By :Semsettin Yesilyurt
07/17/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.502	41	71864	54.012 ug/l	94
42) 1,2-Dichloroethane	8.410	62	209767	53.294 ug/l	99
43) Isopropyl Acetate	8.435	43	236620	55.267 ug/l	99
44) Trichloroethene	9.105	130	154538	53.152 ug/l	93
45) 1,2-Dichloropropane	9.374	63	151352	53.759 ug/l	100
46) Dibromomethane	9.465	93	96379	53.025 ug/l	97
47) Bromodichloromethane	9.648	83	234534	55.026 ug/l	98
48) Methyl methacrylate	9.441	41	115185	54.715 ug/l	98
49) 1,4-Dioxane	9.465	88	21519	1010.847 ug/l #	92
51) 4-Methyl-2-Pentanone	10.215	43	659201	267.814 ug/l	98
52) Toluene	10.392	92	412936	55.366 ug/l	97
53) t-1,3-Dichloropropene	10.611	75	224154	56.051 ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	256890	56.665 ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	128872	54.127 ug/l	99
56) Ethyl methacrylate	10.648	69	194794	60.305 ug/l	97
57) 1,3-Dichloropropane	10.934	76	229341	54.864 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	467655	262.925 ug/l	99
59) 2-Hexanone	10.971	43	463410	277.831 ug/l	99
60) Dibromochloromethane	11.129	129	149884	52.643 ug/l	97
61) 1,2-Dibromoethane	11.233	107	129114	54.170 ug/l	100
64) Tetrachloroethene	10.861	164	121057	51.140 ug/l	94
65) Chlorobenzene	11.660	112	442844	55.463 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	141426	55.583 ug/l	97
67) Ethyl Benzene	11.733	91	781105	56.416 ug/l	97
68) m/p-Xylenes	11.837	106	595563	111.898 ug/l	96
69) o-Xylene	12.166	106	283223	57.473 ug/l	99
70) Styrene	12.178	104	478546	56.172 ug/l	97
71) Bromoform	12.349	173	82513	54.361 ug/l	99
73) Isopropylbenzene	12.459	105	735716	58.775 ug/l	98
74) N-amyl acetate	12.270	43	212097	62.864 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	158147	56.908 ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	119677m	56.276 ug/l	
77) Bromobenzene	12.745	156	164690	58.990 ug/l	89
78) n-propylbenzene	12.800	91	894476	59.674 ug/l	98
79) 2-Chlorotoluene	12.891	91	541235	59.962 ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	619871	59.825 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	53496	58.591 ug/l	98
82) 4-Chlorotoluene	12.983	91	548286	57.857 ug/l	99
83) tert-Butylbenzene	13.202	119	536152	60.408 ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	613184	58.408 ug/l	99
85) sec-Butylbenzene	13.379	105	786363	59.028 ug/l	99
86) p-Isopropyltoluene	13.489	119	670953	61.112 ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	320309	57.209 ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	319000	55.665 ug/l	97
89) n-Butylbenzene	13.818	91	646721	60.626 ug/l	99
90) Hexachloroethane	14.092	117	111020	56.050 ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	288040	56.287 ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	29200	53.813 ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	181198	57.414 ug/l	96
94) Hexachlorobutadiene	15.226	225	86713	56.900 ug/l	89
95) Naphthalene	15.360	128	461458	59.641 ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152153	52.469 ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
07/17/2025
Supervised By :Semsettin Yesilyurt
07/17/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

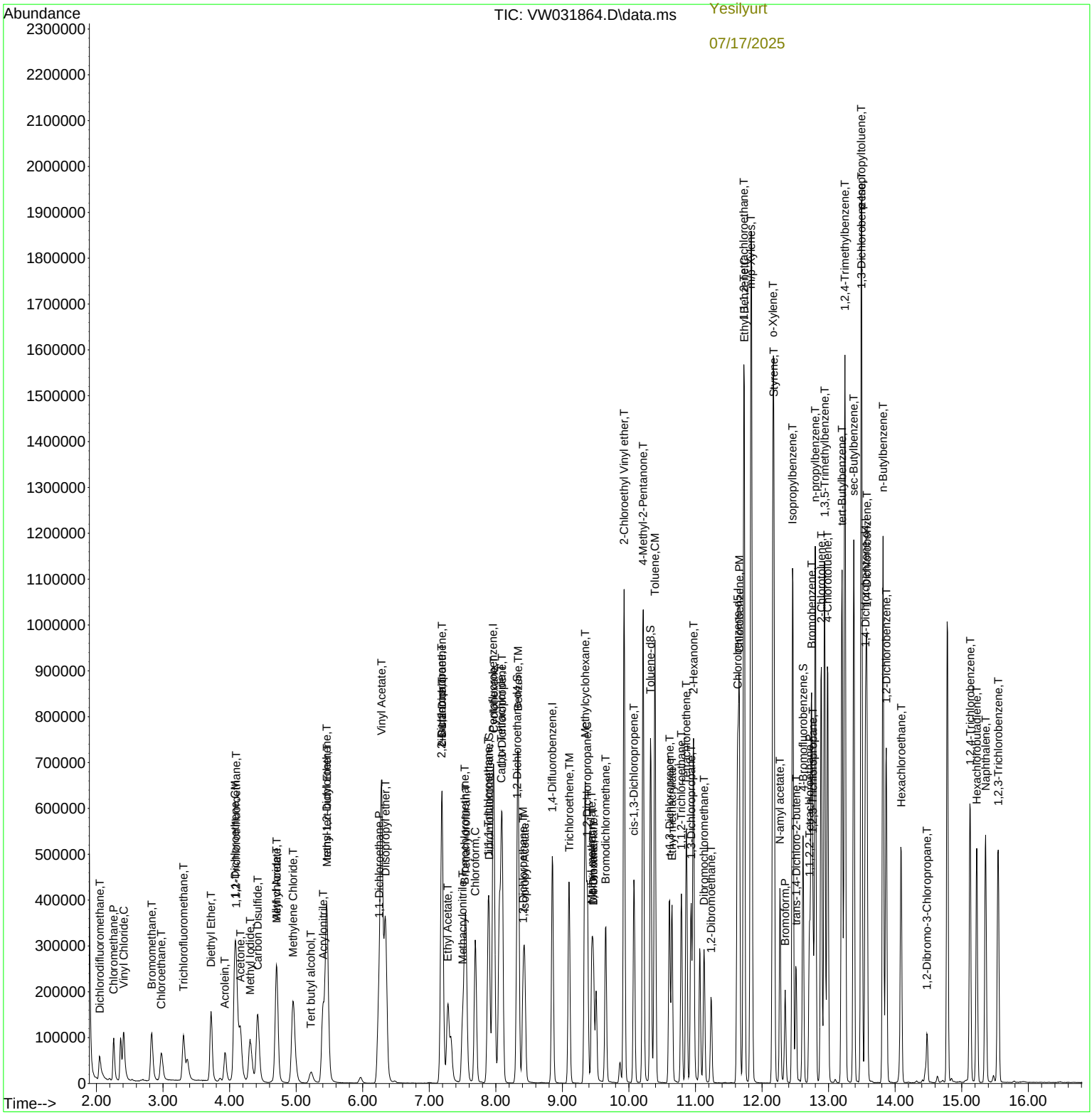
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

07/17/2025

Supervised By :Semsettin Yesilyurt

07/17/2025



Evaluate Continuing Calibration Report

Sample Results: **VW031864.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	100	0.00
2	T	Dichlorodifluoromethane	0.341	0.375	-10.0	120	0.01
3	P	Chloromethane	0.411	0.471	-14.6	125	0.00
4	C	Vinyl Chloride	0.540	0.622	-15.2#	121	0.00
5	T	Bromomethane	0.421	0.444	-5.5	112	0.00
6	T	Chloroethane	0.367	0.390	-6.3	112	0.00
7	T	Trichlorofluoromethane	0.490	0.561	-14.5	119	0.00
8	T	Diethyl Ether	0.372	0.406	-9.1	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.544	0.589	-8.3	115	0.00
10	T	Methyl Iodide	0.839	0.857	-2.1	105	0.00
11	T	Tert butyl alcohol	0.044	0.046	-4.5	98	0.00
12	CM	1,1-Dichloroethene	0.596	0.670	-12.4#	120	0.00
13	T	Acrolein	0.080	0.079	1.3	94	0.00
14	T	Allyl chloride	0.914	0.996	-9.0	111	0.00
15	T	Acrylonitrile	0.183	0.196	-7.1	102	0.00
16	T	Acetone	0.177	0.162	8.5	99	0.00
17	T	Carbon Disulfide	1.594	1.727	-8.3	112	0.00
18	T	Methyl Acetate	0.507	0.528	-4.1	100	0.00
19	T	Methyl tert-butyl Ether	1.011	1.154	-14.1	111	0.00
20	T	Methylene Chloride	0.814	0.758	6.9	109	0.00
21	T	trans-1,2-Dichloroethene	0.633	0.703	-11.1	114	0.00
22	T	Diisopropyl ether	1.783	2.096	-17.6	116	0.00
23	T	Vinyl Acetate	1.218	1.421	-16.7	113	0.00
24	P	1,1-Dichloroethane	1.156	1.298	-12.3	116	0.00
25	T	2-Butanone	0.231	0.256	-10.8	103	0.00
26	T	2,2-Dichloropropane	0.674	0.680	-0.9	103	0.00
27	T	cis-1,2-Dichloroethene	0.728	0.849	-16.6	118	0.00
28	T	Bromochloromethane	0.510	0.549	-7.6	108	0.00
29	T	Tetrahydrofuran	0.158	0.175	-10.8	104	0.00
30	C	Chloroform	1.228	1.374	-11.9#	114	0.00
31	T	Cyclohexane	1.022	1.105	-8.1	117	0.00
32	T	1,1,1-Trichloroethane	0.946	1.003	-6.0	108	0.00
33	S	1,2-Dichloroethane-d4	0.718	0.706	1.7	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.326	0.323	0.9	103	0.00
36	T	1,1-Dichloropropene	0.472	0.520	-10.2	117	0.00
37	T	Ethyl Acetate	0.298	0.319	-7.0	109	0.00
38	T	Carbon Tetrachloride	0.481	0.499	-3.7	111	0.00
39	T	Methylcyclohexane	0.587	0.657	-11.9	119	0.00
40	TM	Benzene	1.397	1.540	-10.2	115	0.00
41	T	Methacrylonitrile	0.160	0.172	-7.5	102	0.00
42	TM	1,2-Dichloroethane	0.472	0.503	-6.6	112	0.00
43	T	Isopropyl Acetate	0.513	0.567	-10.5	109	0.00
44	TM	Trichloroethene	0.349	0.371	-6.3	111	0.00
45	C	1,2-Dichloropropane	0.338	0.363	-7.4#	113	0.00
46	T	Dibromomethane	0.218	0.231	-6.0	109	0.00
47	T	Bromodichloromethane	0.511	0.562	-10.0	113	0.00
48	T	Methyl methacrylate	0.252	0.276	-9.5	109	0.00

Sample Results: **VW031864.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	0.003	0.003	0.0	104	0.00
50	S	Toluene-d8	1.214	1.204	0.8	103	0.00
51	T	4-Methyl-2-Pentanone	0.295	0.316	-7.1	104	0.00
52	CM	Toluene	0.894	0.990	-10.7#	116	0.00
53	T	t-1,3-Dichloropropene	0.480	0.538	-12.1	112	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.616	-13.2	116	0.00
55	T	1,1,2-Trichloroethane	0.286	0.309	-8.0	112	0.00
56	T	Ethyl methacrylate	0.387	0.467	-20.7	117	0.00
57	T	1,3-Dichloropropane	0.501	0.550	-9.8	115	0.00
58	T	2-Chloroethyl Vinyl ether	0.213	0.224	-5.2	103	0.00
59	T	2-Hexanone	0.200	0.222	-11.0	104	0.00
60	T	Dibromochloromethane	0.341	0.359	-5.3	105	0.00
61	T	1,2-Dibromoethane	0.286	0.310	-8.4	110	0.00
62	S	4-Bromofluorobenzene	0.447	0.465	-4.0	107	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.327	0.335	-2.4	106	0.00
65	PM	Chlorobenzene	1.103	1.224	-11.0	115	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.391	-11.1	111	0.00
67	C	Ethyl Benzene	1.913	2.158	-12.8#	114	0.00
68	T	m/p-Xylenes	0.735	0.823	-12.0	113	0.00
69	T	o-Xylene	0.681	0.783	-15.0	114	0.00
70	T	Styrene	1.177	1.322	-12.3	109	0.00
71	P	Bromoform	0.210	0.228	-8.6	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.803	4.471	-17.6	113	0.00
74	T	N-amyl acetate	1.025	1.289	-25.8#	114	0.00
75	P	1,1,2,2-Tetrachloroethane	0.844	0.961	-13.9	108	0.00
76	T	1,2,3-Trichloropropane	0.646	0.727	-12.5	105	0.00
77	T	Bromobenzene	0.848	1.001	-18.0	121	0.00
78	T	n-propylbenzene	4.554	5.435	-19.3	115	0.00
79	T	2-Chlorotoluene	2.743	3.289	-19.9	116	0.00
80	T	1,3,5-Trimethylbenzene	3.148	3.767	-19.7	113	0.00
81	T	trans-1,4-Dichloro-2-butene	0.277	0.325	-17.3	105	0.00
82	T	4-Chlorotoluene	2.879	3.332	-15.7	111	0.00
83	T	tert-Butylbenzene	2.697	3.258	-20.8	118	0.00
84	T	1,2,4-Trimethylbenzene	3.190	3.726	-16.8	113	0.00
85	T	sec-Butylbenzene	4.048	4.778	-18.0	113	0.00
86	T	p-Isopropyltoluene	3.336	4.077	-22.2	118	0.00
87	T	1,3-Dichlorobenzene	1.701	1.946	-14.4	112	0.00
88	T	1,4-Dichlorobenzene	1.741	1.938	-11.3	108	0.00
89	T	n-Butylbenzene	3.241	3.930	-21.3	117	0.00
90	T	Hexachloroethane	0.602	0.675	-12.1	108	0.00
91	T	1,2-Dichlorobenzene	1.555	1.750	-12.5	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.165	0.177	-7.3	101	0.00
93	T	1,2,4-Trichlorobenzene	0.959	1.101	-14.8	111	0.00
94	T	Hexachlorobutadiene	0.463	0.527	-13.8	120	0.00
95	T	Naphthalene	2.351	2.804	-19.3	111	0.00

Sample Results: **VW031864.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	0.881	0.925	-5.0	101	0.00

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

Sample Results: **VW031864.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	100	0.00
2	T	Dichlorodifluoromethane	50.000	55.028	-10.1	120	0.01
3	P	Chloromethane	50.000	57.328	-14.7	125	0.00
4	C	Vinyl Chloride	50.000	57.659	-15.3#	121	0.00
5	T	Bromomethane	50.000	52.648	-5.3	112	0.00
6	T	Chloroethane	50.000	53.243	-6.5	112	0.00
7	T	Trichlorofluoromethane	50.000	57.250	-14.5	119	0.00
8	T	Diethyl Ether	50.000	54.461	-8.9	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.120	-8.2	115	0.00
10	T	Methyl Iodide	50.000	51.075	-2.2	105	0.00
11	T	Tert butyl alcohol	250.000	258.011	-3.2	98	0.00
12	CM	1,1-Dichloroethene	50.000	56.234	-12.5#	120	0.00
13	T	Acrolein	250.000	247.094	1.2	94	0.00
14	T	Allyl chloride	50.000	54.469	-8.9	111	0.00
15	T	Acrylonitrile	250.000	268.073	-7.2	102	0.00
16	T	Acetone	250.000	228.070	8.8	99	0.00
17	T	Carbon Disulfide	50.000	54.161	-8.3	112	0.00
18	T	Methyl Acetate	50.000	52.063	-4.1	100	0.00
19	T	Methyl tert-butyl Ether	50.000	57.079	-14.2	111	0.00
20	T	Methylene Chloride	50.000	54.067	-8.1	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.495	-11.0	114	0.00
22	T	Diisopropyl ether	50.000	58.795	-17.6	116	0.00
23	T	Vinyl Acetate	250.000	291.675	-16.7	113	0.00
24	P	1,1-Dichloroethane	50.000	56.131	-12.3	116	0.00
25	T	2-Butanone	250.000	277.440	-11.0	103	0.00
26	T	2,2-Dichloropropane	50.000	50.408	-0.8	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.309	-16.6	118	0.00
28	T	Bromochloromethane	50.000	53.782	-7.6	108	0.00
29	T	Tetrahydrofuran	250.000	276.587	-10.6	104	0.00
30	C	Chloroform	50.000	55.945	-11.9#	114	0.00
31	T	Cyclohexane	50.000	54.075	-8.2	117	0.00
32	T	1,1,1-Trichloroethane	50.000	52.988	-6.0	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.222	1.6	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	49.546	0.9	103	0.00
36	T	1,1-Dichloropropene	50.000	55.103	-10.2	117	0.00
37	T	Ethyl Acetate	50.000	53.561	-7.1	109	0.00
38	T	Carbon Tetrachloride	50.000	51.887	-3.8	111	0.00
39	T	Methylcyclohexane	50.000	55.883	-11.8	119	0.00
40	TM	Benzene	50.000	55.119	-10.2	115	0.00
41	T	Methacrylonitrile	50.000	54.012	-8.0	102	0.00
42	TM	1,2-Dichloroethane	50.000	53.294	-6.6	112	0.00
43	T	Isopropyl Acetate	50.000	55.267	-10.5	109	0.00
44	TM	Trichloroethene	50.000	53.152	-6.3	111	0.00
45	C	1,2-Dichloropropane	50.000	53.759	-7.5#	113	0.00
46	T	Dibromomethane	50.000	53.025	-6.0	109	0.00
47	T	Bromodichloromethane	50.000	55.026	-10.1	113	0.00
48	T	Methyl methacrylate	50.000	54.715	-9.4	109	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	1010.847	-1.1	104	0.00
50	S	Toluene-d8	50.000	49.561	0.9	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.814	-7.1	104	0.00
52	CM	Toluene	50.000	55.366	-10.7#	116	0.00
53	T	t-1,3-Dichloropropene	50.000	56.051	-12.1	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.665	-13.3	116	0.00
55	T	1,1,2-Trichloroethane	50.000	54.127	-8.3	112	0.00
56	T	Ethyl methacrylate	50.000	60.305	-20.6	117	0.00
57	T	1,3-Dichloropropane	50.000	54.864	-9.7	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.925	-5.2	103	0.00
59	T	2-Hexanone	250.000	277.831	-11.1	104	0.00
60	T	Dibromochloromethane	50.000	52.643	-5.3	105	0.00
61	T	1,2-Dibromoethane	50.000	54.170	-8.3	110	0.00
62	S	4-Bromofluorobenzene	50.000	51.987	-4.0	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	51.140	-2.3	106	0.00
65	PM	Chlorobenzene	50.000	55.463	-10.9	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.583	-11.2	111	0.00
67	C	Ethyl Benzene	50.000	56.416	-12.8#	114	0.00
68	T	m/p-Xylenes	100.000	111.898	-11.9	113	0.00
69	T	o-Xylene	50.000	57.473	-14.9	114	0.00
70	T	Styrene	50.000	56.172	-12.3	109	0.00
71	P	Bromoform	50.000	54.361	-8.7	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	58.775	-17.5	113	0.00
74	T	N-amyl acetate	50.000	62.864	-25.7#	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.908	-13.8	108	0.00
76	T	1,2,3-Trichloropropane	50.000	56.276	-12.6	105	0.00
77	T	Bromobenzene	50.000	58.990	-18.0	121	0.00
78	T	n-propylbenzene	50.000	59.674	-19.3	115	0.00
79	T	2-Chlorotoluene	50.000	59.962	-19.9	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	59.825	-19.7	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.591	-17.2	105	0.00
82	T	4-Chlorotoluene	50.000	57.857	-15.7	111	0.00
83	T	tert-Butylbenzene	50.000	60.408	-20.8	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.408	-16.8	113	0.00
85	T	sec-Butylbenzene	50.000	59.028	-18.1	113	0.00
86	T	p-Isopropyltoluene	50.000	61.112	-22.2	118	0.00
87	T	1,3-Dichlorobenzene	50.000	57.209	-14.4	112	0.00
88	T	1,4-Dichlorobenzene	50.000	55.665	-11.3	108	0.00
89	T	n-Butylbenzene	50.000	60.626	-21.3	117	0.00
90	T	Hexachloroethane	50.000	56.050	-12.1	108	0.00
91	T	1,2-Dichlorobenzene	50.000	56.287	-12.6	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.813	-7.6	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.414	-14.8	111	0.00
94	T	Hexachlorobutadiene	50.000	56.900	-13.8	120	0.00
95	T	Naphthalene	50.000	59.641	-19.3	111	0.00

Sample Results: **VW031864.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 17 03:56:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	52.469	-4.9	101	0.00

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

QC SAMPLE DATA

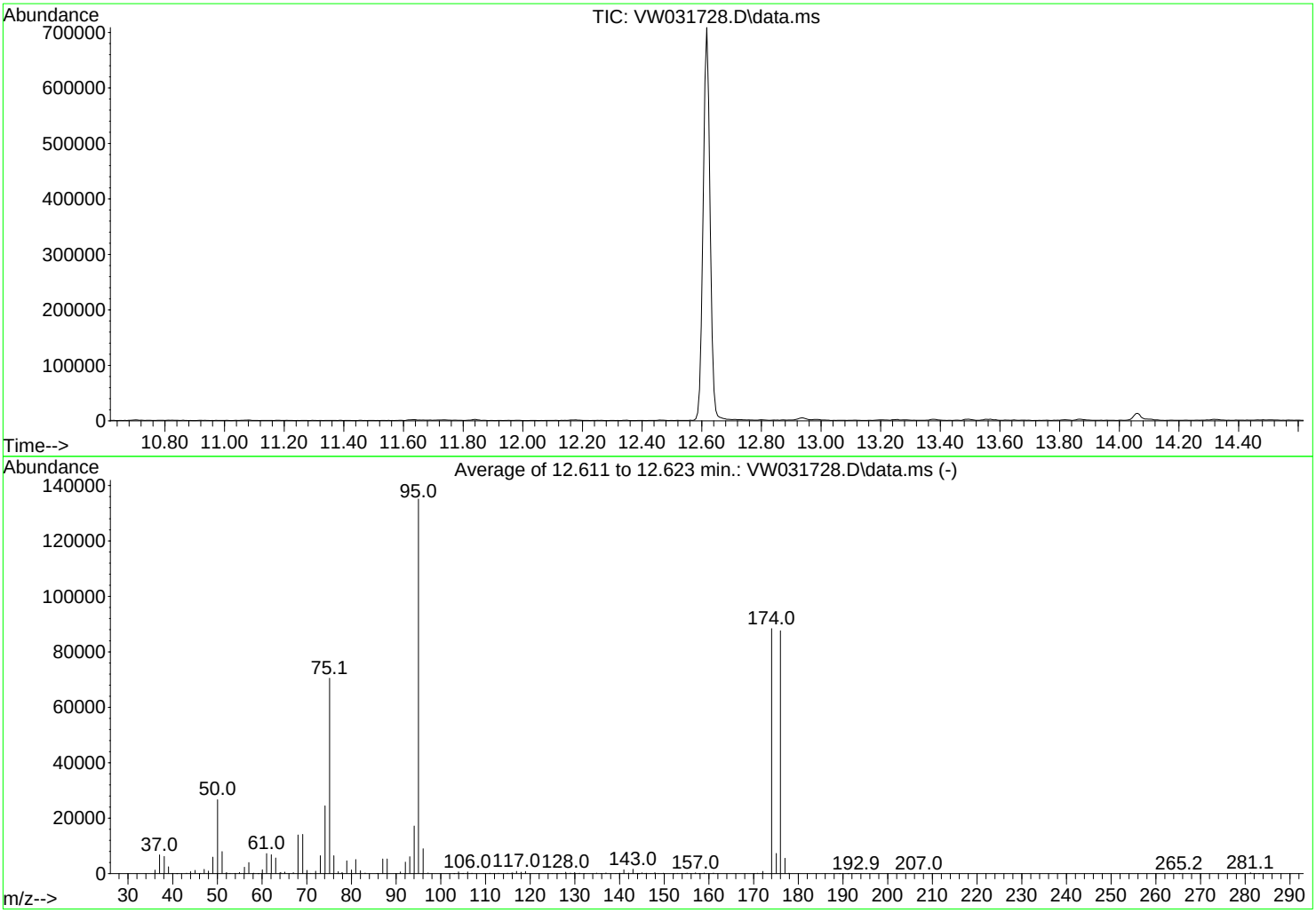
Sample Results: **VW031728.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031728.D
Acq On : 30 Jun 2025 08:56
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260
Last Update : Tue Jul 01 03:35:17 2025



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1750

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	26685	PASS
75	95	30	60	52.1	70472	PASS
95	95	100	100	100.0	135149	PASS
96	95	5	9	6.7	8992	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.4	88384	PASS
175	174	5	9	8.2	7275	PASS
176	174	95	101	99.2	87643	PASS
177	176	5	9	6.3	5529	PASS

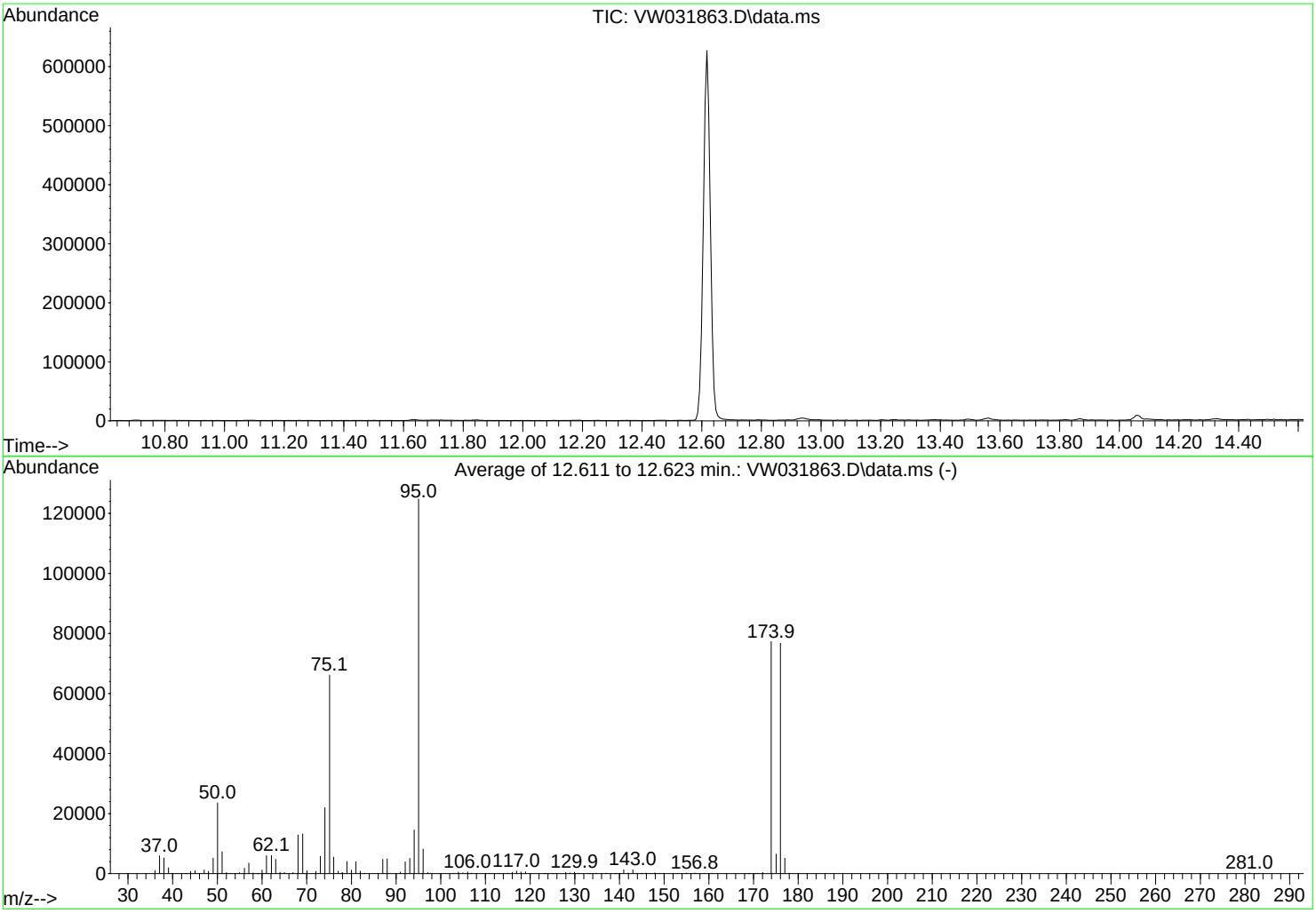
Sample Results: **VW031863.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031863.D
Acq On : 16 Jul 2025 08:53
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260
Last Update : Tue Jul 01 03:35:17 2025



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1750

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	23563	PASS
75	95	30	60	53.0	66157	PASS
95	95	100	100	100.0	124808	PASS
96	95	5	9	6.6	8191	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	61.9	77301	PASS
175	174	5	9	8.4	6477	PASS
176	174	95	101	99.3	76768	PASS
177	176	5	9	6.7	5163	PASS

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBL01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031865.D	1	07/16/25 09:52	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBL01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031865.D	1	07/16/25 09:52	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		70 - 134	90%	SPK: 50
2037-26-5	Toluene-d8	44.1		74 - 123	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	186000	7.965			
540-36-3	1,4-Difluorobenzene	375000	8.849			
3114-55-4	Chlorobenzene-d5	352000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	164000	13.556			

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBL01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031865.D	1	07/16/25 09:52	VW071625

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_W\Data\VW071625\
Data File : VW031865.D
Acq On : 16 Jul 2025 09:52
Operator : SY/MD
Sample : VW0716SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Quant Time: Jul 17 03:58:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	185902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	374504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	124873	46.806	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	93.620%		
35) Dibromofluoromethane	7.898	113	110532	45.230	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	90.460%		
50) Toluene-d8	10.325	98	401362	44.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	88.260%		
62) 4-Bromofluorobenzene	12.617	95	154182	46.069	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	92.140%		

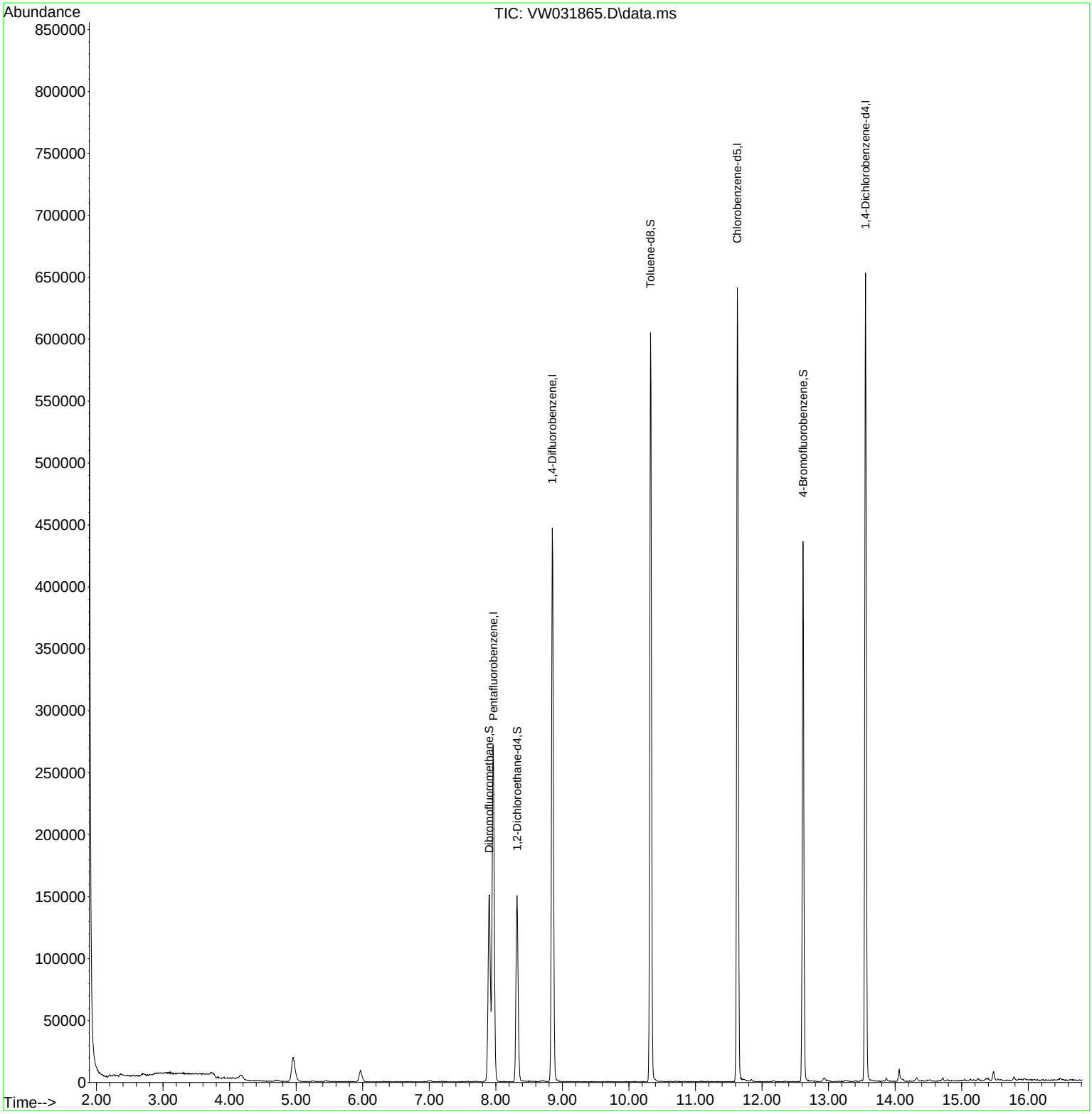
Target Compounds Qvalue

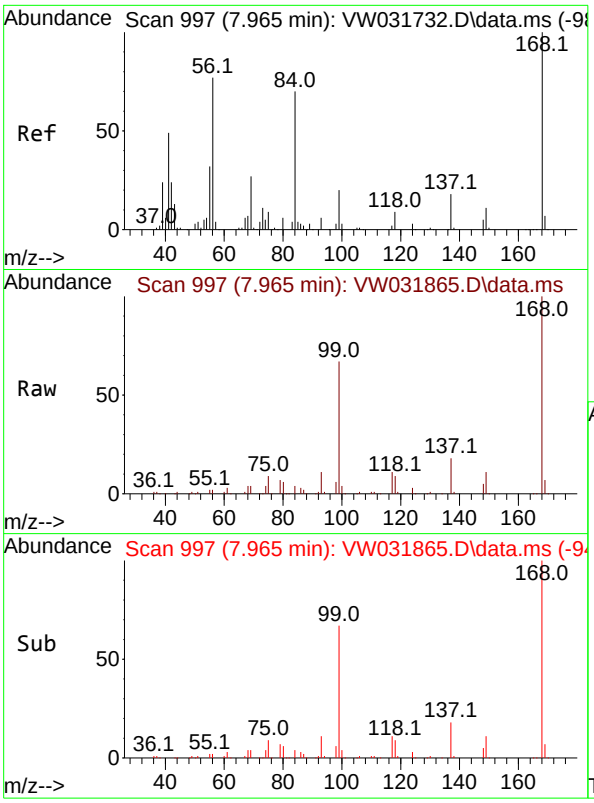
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031865.D
Acq On : 16 Jul 2025 09:52
Operator : SY/MD
Sample : VW0716SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Quant Time: Jul 17 03:58:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



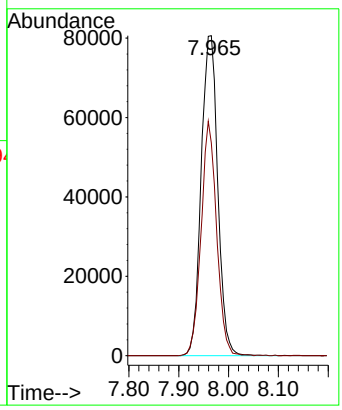


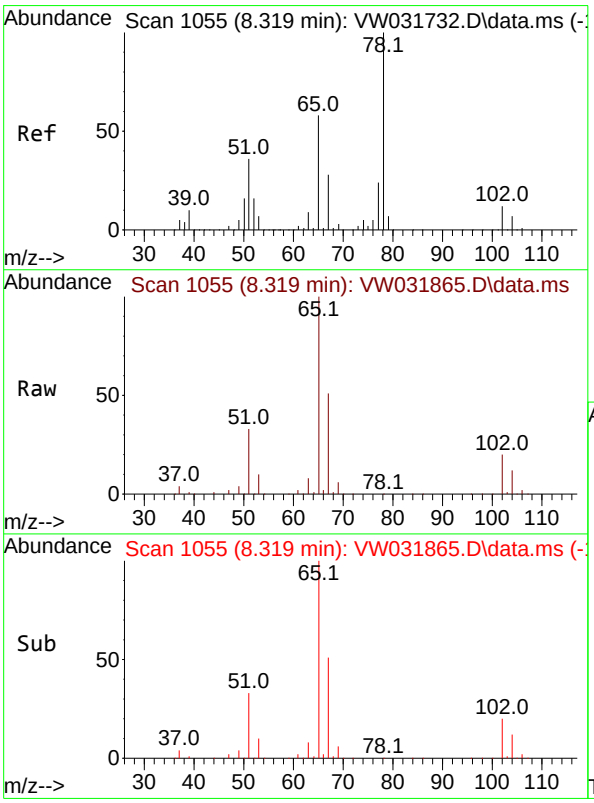
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Tgt Ion:168 Resp: 185902

Ion	Ratio	Lower	Upper
168	100		
99	66.5	49.4	74.2

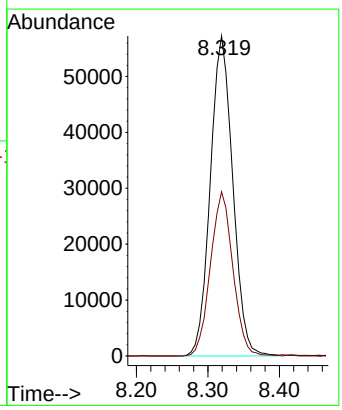


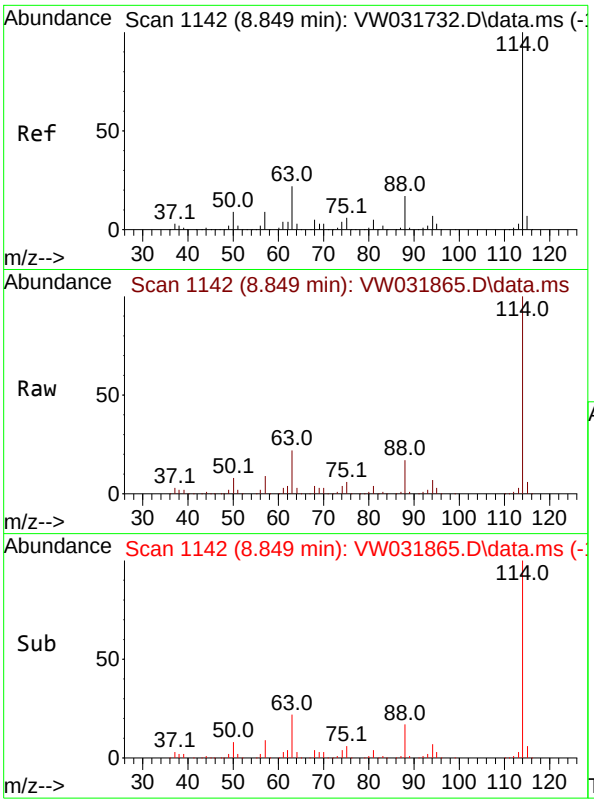


#33
1,2-Dichloroethane-d4
Concen: 46.806 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion: 65 Resp: 124873

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	99.4



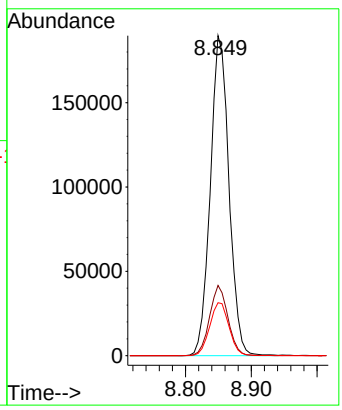


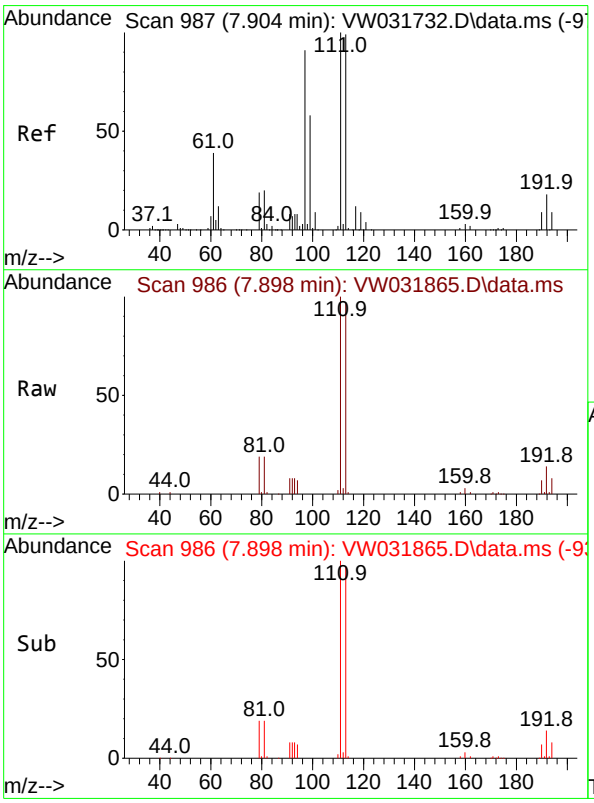
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Tgt Ion:114 Resp: 374504

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.6
88	16.5	0.0	34.2

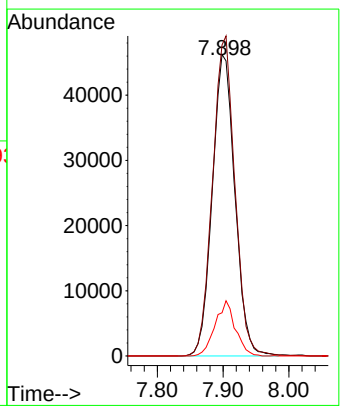


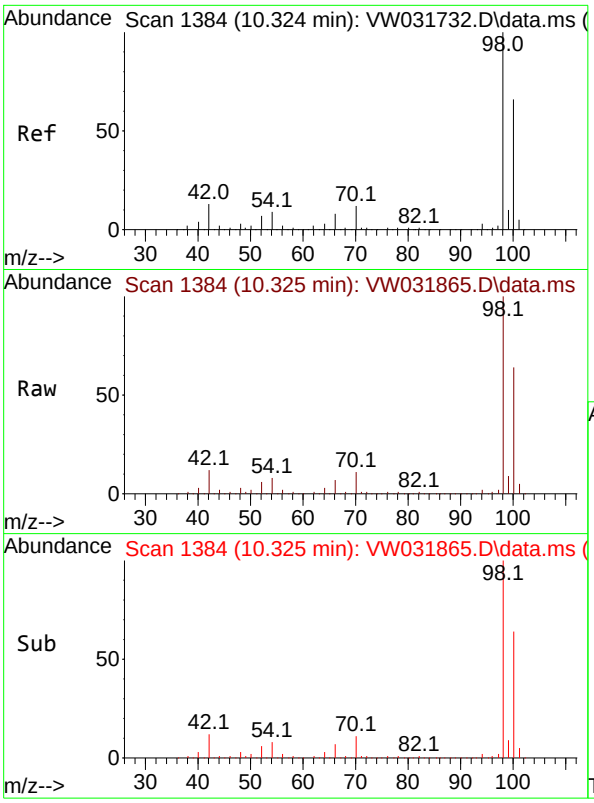


#35
Dibromofluoromethane
Concen: 45.230 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion:113 Resp: 110532

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.1	123.1
192	16.4	13.8	20.6



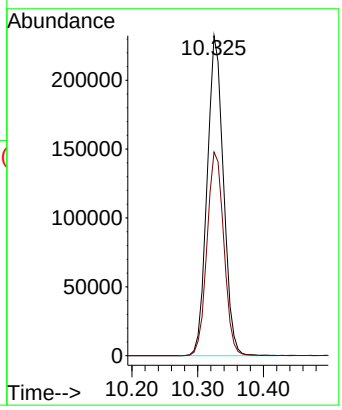


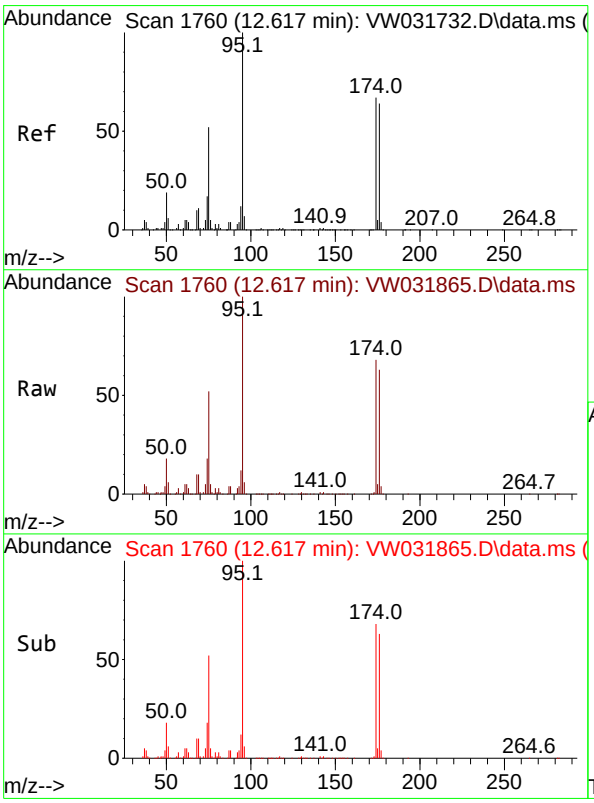
#50
Toluene-d8
Concen: 44.133 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Tgt Ion: 98 Resp: 401362

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

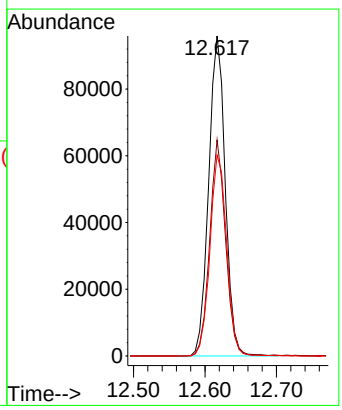


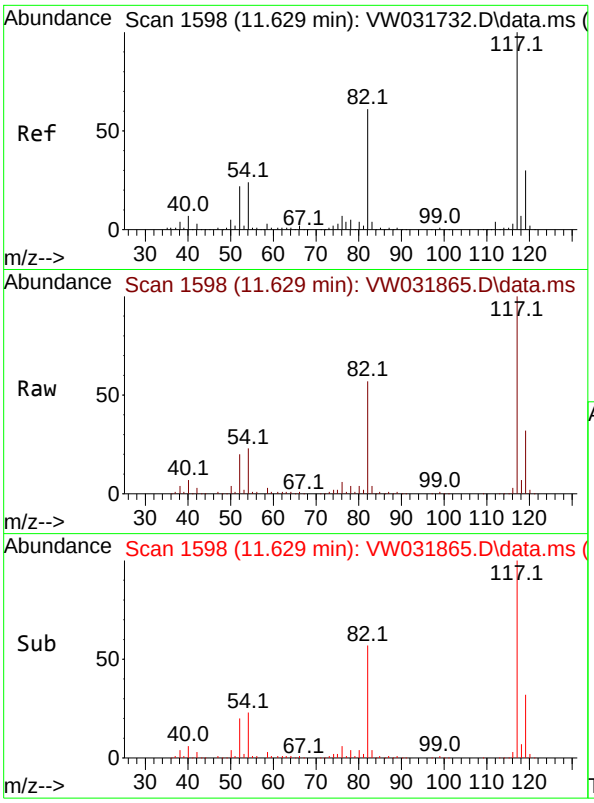


#62
4-Bromofluorobenzene
Concen: 46.069 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion: 95 Resp: 154182

Ion	Ratio	Lower	Upper
95	100		
174	64.7	0.0	133.8
176	63.7	0.0	126.0



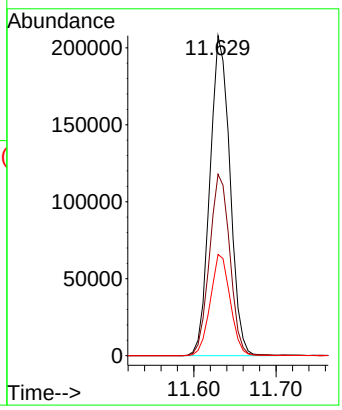


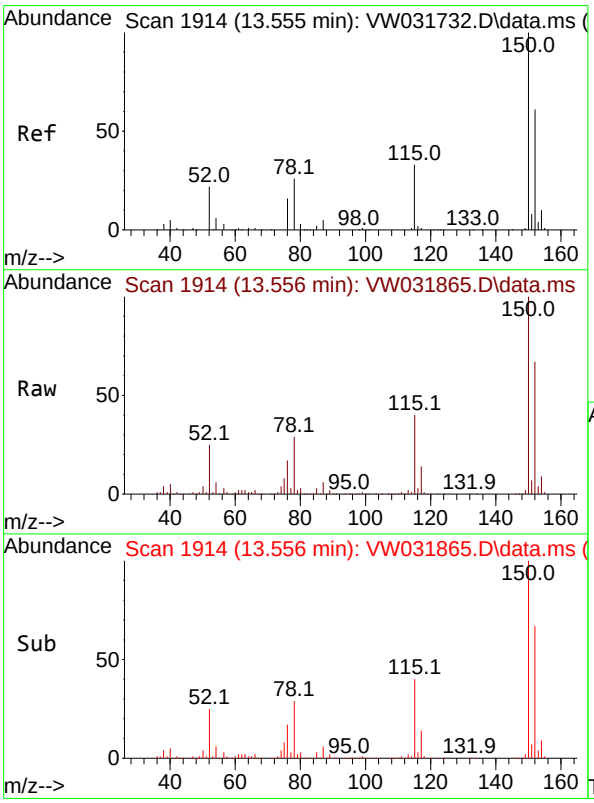
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Tgt Ion:117 Resp: 352304

Ion	Ratio	Lower	Upper
117	100		
82	56.7	48.6	72.8
119	31.6	23.9	35.9

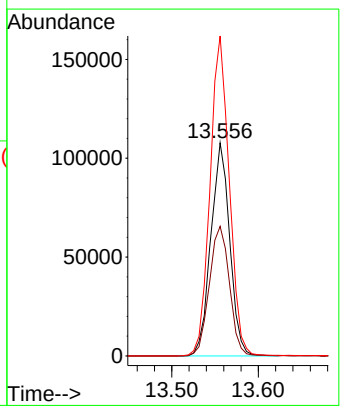




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion:152 Resp: 163773

Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.9	95.7
150	152.3	0.0	356.4



Sample Results: **VW031865.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031865.D
Acq On : 16 Jul 2025 09:52
Operator : SY/MD
Sample : VW0716SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031865.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	491	503	522	rBV2	19562	75245	6.86%	1.206%
2	5.966	655	669	684	rBV3	9393	29625	2.70%	0.475%
3	7.904	971	987	991	rBV	151019	366350	33.40%	5.872%
4	7.959	991	996	1008	rVB	271904	602469	54.93%	9.656%
5	8.319	1046	1055	1065	rBV	150593	333830	30.44%	5.351%
6	8.849	1130	1142	1153	rBV	447112	893077	81.43%	14.314%
7	10.325	1374	1384	1402	rBV	604791	1072811	97.82%	17.195%
8	11.629	1591	1598	1607	rBV	640769	1096733	100.00%	17.578%
9	12.617	1753	1760	1772	rBV	435981	702190	64.03%	11.254%
10	13.556	1907	1914	1925	rBV	652030	1035718	94.44%	16.600%
11	14.062	1990	1997	2004	rBV2	9561	18399	1.68%	0.295%
12	15.476	2224	2229	2237	rBV	6955	12749	1.16%	0.204%

Sum of corrected areas: 6239196

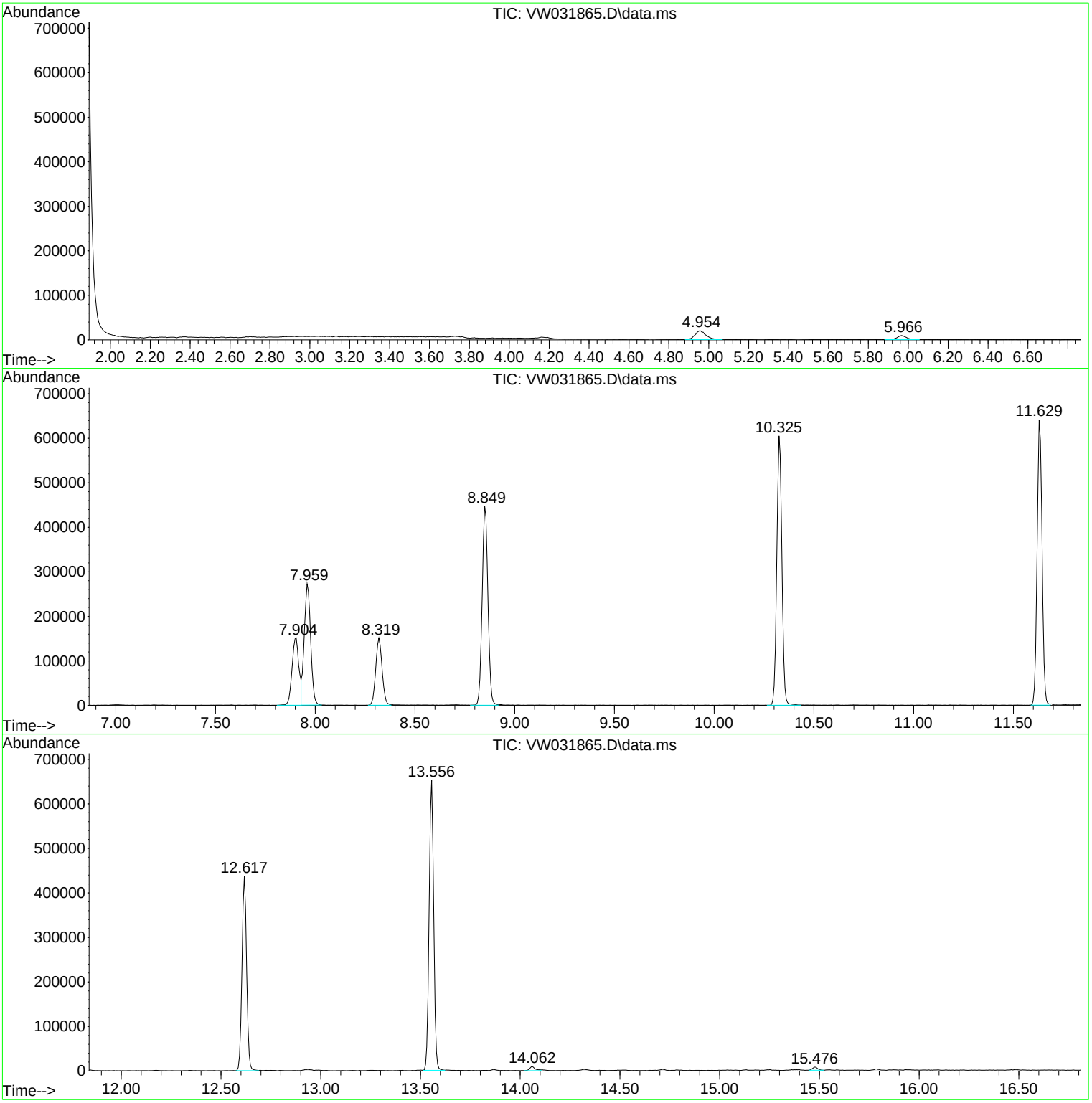
Sample Results: **VW031865.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031865.D
Acq On : 16 Jul 2025 09:52
Operator : SY/MD
Sample : VW0716SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VW031865.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031865.D
Acq On : 16 Jul 2025 09:52
Operator : SY/MD
Sample : VW0716SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031865.D
Acq On : 16 Jul 2025 09:52
Operator : SY/MD
Sample : VW0716SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VW031866.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBS01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031866.D	1	07/16/25 10:22	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	23.5		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	23.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.1		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	18.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.0		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.4		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.7		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	22.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.6		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	23.6		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.9		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.9		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	23.1		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.8		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.1		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	23.2		0.78	5.00	ug/Kg

Raw Data: **VW031866.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBS01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031866.D	1	07/16/25 10:22	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	22.7		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.9		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	22.0		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.5		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	22.0		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	44.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	23.3		0.82	5.00	ug/Kg
100-42-5	Styrene	22.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.8		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	22.3		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	23.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.3		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	49.1		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	7.959			
540-36-3	1,4-Difluorobenzene	408000	8.849			
3114-55-4	Chlorobenzene-d5	373000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	174000	13.556			

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBS01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031866.D	1	07/16/25 10:22	VW071625

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_W\Data\VW071625\
Data File : VW031866.D
Acq On : 16 Jul 2025 10:22
Operator : SY/MD
Sample : VW0716SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	220255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	408210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	372511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	158248	50.064	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 100.120%			
35) Dibromofluoromethane	7.898	113	132641	49.795	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.580%			
50) Toluene-d8	10.325	98	486272	49.055	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 98.100%			
62) 4-Bromofluorobenzene	12.617	95	186490	51.122	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	32761	21.840	ug/l	98
3) Chloromethane	2.259	50	42462	23.480	ug/l	94
4) Vinyl Chloride	2.405	62	54762	23.039	ug/l	96
5) Bromomethane	2.826	94	39181	21.104	ug/l	96
6) Chloroethane	2.966	64	33848	20.964	ug/l	95
7) Trichlorofluoromethane	3.308	101	39119	18.122	ug/l	97
8) Diethyl Ether	3.722	74	36846	22.463	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	47181	19.691	ug/l	99
10) Methyl Iodide	4.308	142	78660	21.295	ug/l	100
11) Tert butyl alcohol	5.228	59	19691	100.553	ug/l	97
12) 1,1-Dichloroethene	4.076	96	57837	22.038	ug/l	91
13) Acrolein	3.936	56	36802	104.561	ug/l	98
14) Allyl chloride	4.704	41	86342	21.442	ug/l	96
15) Acrylonitrile	5.405	53	83999	104.135	ug/l	99
16) Acetone	4.161	43	80615	103.183	ug/l	99
17) Carbon Disulfide	4.423	76	143506	20.434	ug/l	97
18) Methyl Acetate	4.710	43	46162	20.674	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	100909	22.653	ug/l	100
20) Methylene Chloride	4.954	84	79422	22.783	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	62844	22.536	ug/l	97
22) Diisopropyl ether	6.338	45	187354	23.856	ug/l	99
23) Vinyl Acetate	6.283	43	612281	114.142	ug/l	98
24) 1,1-Dichloroethane	6.240	63	115194	22.625	ug/l	100
25) 2-Butanone	7.197	43	115176	113.315	ug/l	98
26) 2,2-Dichloropropane	7.185	77	57979	19.517	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	75769	23.637	ug/l	97
28) Bromochloromethane	7.533	49	48812	21.725	ug/l	96
29) Tetrahydrofuran	7.557	42	75005	107.754	ug/l	99
30) Chloroform	7.691	83	123775	22.878	ug/l	100
31) Cyclohexane	7.971	56	93853	20.853	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	87204	20.916	ug/l	98
36) 1,1-Dichloropropene	8.093	75	84323	21.876	ug/l	99
37) Ethyl Acetate	7.276	43	52794	21.712	ug/l	98
38) Carbon Tetrachloride	8.087	117	79229	20.171	ug/l	99
39) Methylcyclohexane	9.343	83	99461	20.739	ug/l	96
40) Benzene	8.337	78	263599	23.114	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031866.D
Acq On : 16 Jul 2025 10:22
Operator : SY/MD
Sample : VW0716SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 03:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	29759	22.846	ug/l		98
42) 1,2-Dichloroethane	8.417	62	85533	22.197	ug/l		99
43) Isopropyl Acetate	8.435	43	90065	21.488	ug/l		99
44) Trichloroethene	9.099	130	61958	21.767	ug/l		100
45) 1,2-Dichloropropane	9.374	63	61808	22.425	ug/l		98
46) Dibromomethane	9.465	93	39223	22.042	ug/l		99
47) Bromodichloromethane	9.648	83	92100	22.072	ug/l		99
48) Methyl methacrylate	9.447	41	43845	21.274	ug/l		96
49) 1,4-Dioxane	9.465	88	8304	398.447	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.215	43	257053	106.674	ug/l		99
52) Toluene	10.392	92	169153	23.166	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	89044	22.744	ug/l		98
54) cis-1,3-Dichloropropene	10.075	75	101625	22.897	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	51348	22.029	ug/l		98
56) Ethyl methacrylate	10.648	69	71650	22.658	ug/l		99
57) 1,3-Dichloropropane	10.934	76	89794	21.942	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	186674	107.204	ug/l		97
59) 2-Hexanone	10.971	43	182209	111.585	ug/l		99
60) Dibromochloromethane	11.129	129	59854	21.473	ug/l		99
61) 1,2-Dibromoethane	11.239	107	50961	21.839	ug/l		98
64) Tetrachloroethene	10.867	164	49361	20.258	ug/l		92
65) Chlorobenzene	11.654	112	181158	22.042	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.733	131	55221	21.084	ug/l		99
67) Ethyl Benzene	11.733	91	317743	22.295	ug/l		99
68) m/p-Xylenes	11.837	106	244466	44.622	ug/l		98
69) o-Xylene	12.166	106	118440	23.349	ug/l		96
70) Styrene	12.178	104	199694	22.772	ug/l		99
71) Bromoform	12.349	173	30872	19.759	ug/l	#	95
73) Isopropylbenzene	12.465	105	294756	22.306	ug/l		99
74) N-amyl acetate	12.269	43	80486	22.598	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	62978	21.467	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	46807m	20.850	ug/l		
77) Bromobenzene	12.745	156	62368	21.162	ug/l		98
78) n-propylbenzene	12.800	91	376089	23.768	ug/l		97
79) 2-Chlorotoluene	12.885	91	224982	23.611	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	257562	23.547	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	19596	20.331	ug/l		95
82) 4-Chlorotoluene	12.983	91	232906	23.282	ug/l		98
83) tert-Butylbenzene	13.202	119	216004	23.054	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	260295	23.487	ug/l		97
85) sec-Butylbenzene	13.379	105	322151	22.907	ug/l		100
86) p-Isopropyltoluene	13.495	119	261202	22.537	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	137794	23.314	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	136115	22.500	ug/l		96
89) n-Butylbenzene	13.818	91	255616	22.699	ug/l		99
90) Hexachloroethane	14.092	117	42892	20.513	ug/l		97
91) 1,2-Dichlorobenzene	13.861	146	116980	21.654	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11323	19.767	ug/l		95
93) 1,2,4-Trichlorobenzene	15.129	180	67719	20.326	ug/l		98
94) Hexachlorobutadiene	15.226	225	31254	19.428	ug/l		90
95) Naphthalene	15.354	128	170136	20.830	ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	62747	20.497	ug/l		100

Sample Results: **VW031866.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031866.D
Acq On : 16 Jul 2025 10:22
Operator : SY/MD
Sample : VW0716SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 03:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

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

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

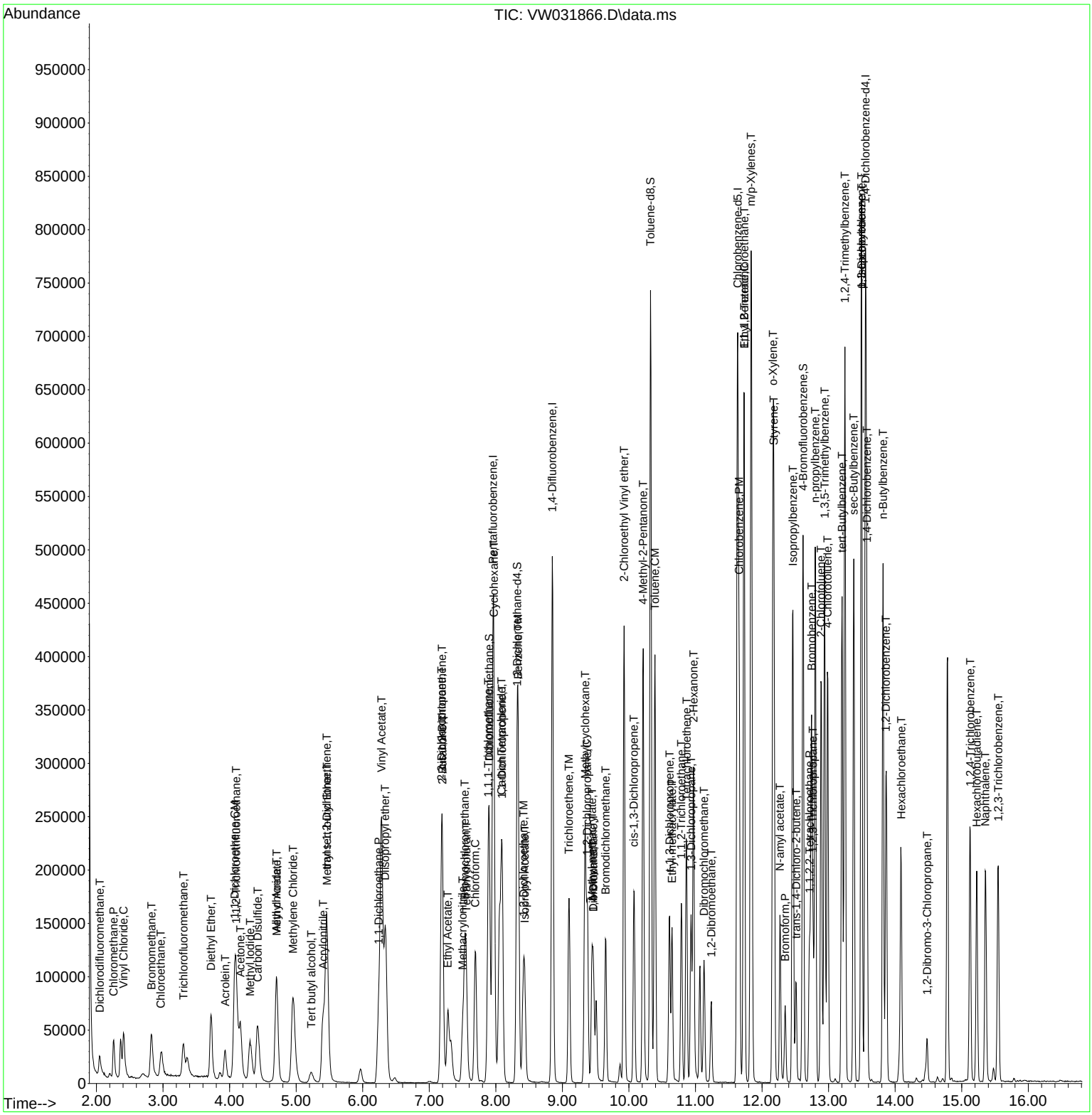
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031866.D
Acq On : 16 Jul 2025 10:22
Operator : SY/MD
Sample : VW0716SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 03:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Raw Data: **VW031867.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBSD01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031867.D	1	07/16/25 10:44	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	22.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.1		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.1		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.9		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.2		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.1		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	22.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.5		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.4		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	23.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.1		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.1		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.0		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.9		0.91	5.00	ug/Kg
71-43-2	Benzene	22.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.2		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.8		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.4		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	22.2		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBSD01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031867.D	1	07/16/25 10:44	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.1		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.4		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.9		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	22.2		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	44.4		1.20	10.0	ug/Kg
95-47-6	o-Xylene	23.0		0.82	5.00	ug/Kg
100-42-5	Styrene	23.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	22.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	22.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.2		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	22.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	49.5		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	215000	7.965			
540-36-3	1,4-Difluorobenzene	412000	8.855			
3114-55-4	Chlorobenzene-d5	360000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.556			

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	VW0716SBSD01	SDG No.:	Q2618
Lab Sample ID:	VW0716SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031867.D	1	07/16/25 10:44	VW071625

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_W\Data\VW071625\
Data File : VW031867.D
Acq On : 16 Jul 2025 10:44
Operator : SY/MD
Sample : VW0716SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 03:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	214931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	411558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	360281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161751	52.440	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.880%			
35) Dibromofluoromethane	7.904	113	131680	49.032	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 98.060%			
50) Toluene-d8	10.331	98	494833	49.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.617	95	192597	52.366	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	30016	20.506	ug/l	98
3) Chloromethane	2.259	50	39994	22.663	ug/l	96
4) Vinyl Chloride	2.412	62	51298	22.116	ug/l	94
5) Bromomethane	2.826	94	38170	21.068	ug/l	98
6) Chloroethane	2.978	64	34484	21.887	ug/l	100
7) Trichlorofluoromethane	3.308	101	44400	21.078	ug/l	100
8) Diethyl Ether	3.722	74	35137	21.951	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.094	101	47300	20.230	ug/l	98
10) Methyl Iodide	4.314	142	76544	21.236	ug/l	99
11) Tert butyl alcohol	5.240	59	20152	105.456	ug/l #	90
12) 1,1-Dichloroethene	4.088	96	54401	21.242	ug/l	89
13) Acrolein	3.936	56	39836	115.985	ug/l	97
14) Allyl chloride	4.710	41	85346	21.720	ug/l	94
15) Acrylonitrile	5.405	53	84017	106.737	ug/l	100
16) Acetone	4.167	43	80332	105.368	ug/l	97
17) Carbon Disulfide	4.423	76	137642	20.085	ug/l	96
18) Methyl Acetate	4.716	43	45099	20.698	ug/l	100
19) Methyl tert-butyl Ether	5.472	73	102575	23.598	ug/l	99
20) Methylene Chloride	4.960	84	73985	21.521	ug/l	93
21) trans-1,2-Dichloroethene	5.466	96	60461	22.218	ug/l	92
22) Diisopropyl ether	6.350	45	181987	23.747	ug/l	99
23) Vinyl Acetate	6.289	43	619991	118.443	ug/l	100
24) 1,1-Dichloroethane	6.252	63	111612	22.464	ug/l	97
25) 2-Butanone	7.203	43	118836	119.812	ug/l	98
26) 2,2-Dichloropropane	7.191	77	58060	20.029	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	72545	23.192	ug/l	99
28) Bromochloromethane	7.539	49	48391	22.071	ug/l	99
29) Tetrahydrofuran	7.563	42	79805	117.490	ug/l	99
30) Chloroform	7.697	83	122179	23.142	ug/l	100
31) Cyclohexane	7.972	56	91555	20.846	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	85533	21.023	ug/l	98
36) 1,1-Dichloropropene	8.100	75	82087	21.123	ug/l	99
37) Ethyl Acetate	7.277	43	53377	21.773	ug/l	99
38) Carbon Tetrachloride	8.087	117	77021	19.449	ug/l	96
39) Methylcyclohexane	9.343	83	96102	19.876	ug/l	99
40) Benzene	8.337	78	258254	22.461	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031867.D
Acq On : 16 Jul 2025 10:44
Operator : SY/MD
Sample : VW0716SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 03:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28895	22.003 ug/l	95
42) 1,2-Dichloroethane	8.417	62	83093	21.388 ug/l	97
43) Isopropyl Acetate	8.441	43	93269	22.071 ug/l	97
44) Trichloroethene	9.105	130	60719	21.159 ug/l	96
45) 1,2-Dichloropropane	9.380	63	60548	21.789 ug/l	98
46) Dibromomethane	9.465	93	38571	21.500 ug/l	96
47) Bromodichloromethane	9.654	83	89999	21.393 ug/l	97
48) Methyl methacrylate	9.447	41	45515	21.905 ug/l	99
49) 1,4-Dioxane	9.471	88	9182	436.992 ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	266896	109.858 ug/l	100
52) Toluene	10.392	92	163752	22.244 ug/l	96
53) t-1,3-Dichloropropene	10.611	75	86472	21.907 ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	98921	22.107 ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	50347	21.424 ug/l #	90
56) Ethyl methacrylate	10.648	69	73603	23.086 ug/l	99
57) 1,3-Dichloropropane	10.934	76	89808	21.767 ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	191592	109.133 ug/l	97
59) 2-Hexanone	10.971	43	189252	114.955 ug/l	99
60) Dibromochloromethane	11.129	129	58650	20.870 ug/l	98
61) 1,2-Dibromoethane	11.233	107	51786	22.012 ug/l	98
64) Tetrachloroethene	10.867	164	46227	19.615 ug/l	95
65) Chlorobenzene	11.660	112	176365	22.187 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	56105	22.149 ug/l	96
67) Ethyl Benzene	11.733	91	313187	22.721 ug/l	97
68) m/p-Xylenes	11.837	106	235261	44.399 ug/l	98
69) o-Xylene	12.166	106	112783	22.988 ug/l	98
70) Styrene	12.184	104	196656	23.187 ug/l	100
71) Bromoform	12.349	173	30946	20.479 ug/l #	99
73) Isopropylbenzene	12.465	105	293824	22.085 ug/l	99
74) N-amyl acetate	12.270	43	83609	23.316 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	64383	21.798 ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	51803m	22.919 ug/l	
77) Bromobenzene	12.745	156	63778	21.494 ug/l	96
78) n-propylbenzene	12.800	91	357325	22.429 ug/l	98
79) 2-Chlorotoluene	12.891	91	217449	22.667 ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	257220	23.357 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	19851	20.456 ug/l	93
82) 4-Chlorotoluene	12.989	91	221770	22.019 ug/l	99
83) tert-Butylbenzene	13.202	119	209895	22.251 ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	249870	22.394 ug/l	98
85) sec-Butylbenzene	13.379	105	310992	21.965 ug/l	99
86) p-Isopropyltoluene	13.495	119	257624	22.078 ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	133743	22.475 ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	129705	21.295 ug/l	96
89) n-Butylbenzene	13.818	91	248633	21.930 ug/l	99
90) Hexachloroethane	14.086	117	42880	20.369 ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	120729	22.197 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11603	20.119 ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	74451	22.196 ug/l	94
94) Hexachlorobutadiene	15.232	225	31871	19.677 ug/l	92
95) Naphthalene	15.360	128	177555	21.591 ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	63275	20.530 ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031867.D
Acq On : 16 Jul 2025 10:44
Operator : SY/MD
Sample : VW0716SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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

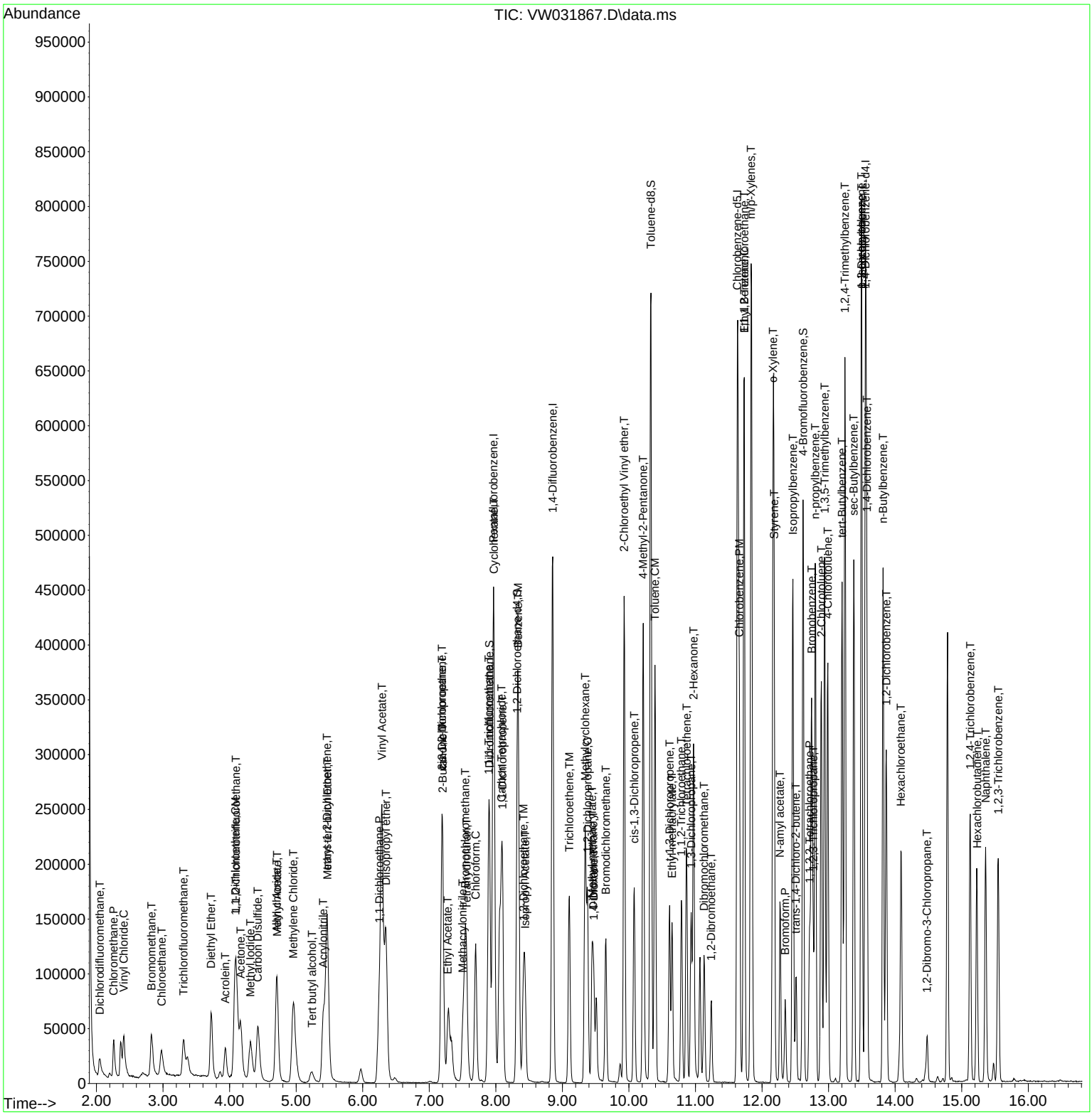
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031867.D
Acq On : 16 Jul 2025 10:44
Operator : SY/MD
Sample : VW0716SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 03:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



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

Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW031729.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Acetone	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Ethyl Acetate	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICCC050	VW031732.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:38 PM	SAM	7/1/2025 12:24:15 PM	Peak Integrated by Software
VSTDICC100	VW031733.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:40 PM	SAM	7/1/2025 12:24:18 PM	Peak Integrated by Software
VSTDICC150	VW031734.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:41 PM	SAM	7/1/2025 12:24:20 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VW031736.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:42 PM	SAM	7/1/2025 12:24:21 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW071625	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW031864.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:18:00 AM	Sam	7/17/2025 8:27:15 AM	Peak Integrated by Software
VW0716SBS01	VW031866.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:18:01 AM	Sam	7/17/2025 8:27:10 AM	Peak Integrated by Software
VW0716SBSD01	VW031867.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:18:02 AM	Sam	7/17/2025 8:27:17 AM	Peak Integrated by Software
VSTDCCC050	VW031877.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:18:06 AM	Sam	7/17/2025 8:27:16 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM				
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031728.D	30 Jun 2025 08:56	SY/MD	Ok
2	VSTDICC005	VW031729.D	30 Jun 2025 09:54	SY/MD	Ok,M
3	VSTDICC010	VW031730.D	30 Jun 2025 10:15	SY/MD	Ok,M
4	VSTDICC020	VW031731.D	30 Jun 2025 10:58	SY/MD	Ok,M
5	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	SY/MD	Ok,M
6	VSTDICC100	VW031733.D	30 Jun 2025 12:34	SY/MD	Ok,M
7	VSTDICC150	VW031734.D	30 Jun 2025 12:55	SY/MD	Ok,M
8	VIBLK	VW031735.D	30 Jun 2025 14:11	SY/MD	Ok
9	VSTDICV050	VW031736.D	30 Jun 2025 15:23	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:18:11 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:27:26 AM				
SubDirectory	VW071625	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134771
Initial Calibration Stds	
CCC	VP134772,VP134773
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031863.D	16 Jul 2025 08:53	SY/MD	Ok
2	VSTDCCC050	VW031864.D	16 Jul 2025 09:22	SY/MD	Ok,M
3	VW0716SBL01	VW031865.D	16 Jul 2025 09:52	SY/MD	Ok
4	VW0716SBS01	VW031866.D	16 Jul 2025 10:22	SY/MD	Ok,M
5	VW0716SBSD01	VW031867.D	16 Jul 2025 10:44	SY/MD	Ok,M
6	Q2612-01	VW031868.D	16 Jul 2025 11:23	SY/MD	ReRun
7	Q2611-01	VW031869.D	16 Jul 2025 11:45	SY/MD	Ok
8	Q2614-02	VW031870.D	16 Jul 2025 12:07	SY/MD	Ok
9	Q2609-03	VW031871.D	16 Jul 2025 12:29	SY/MD	Dilution
10	Q2609-07	VW031872.D	16 Jul 2025 12:51	SY/MD	Dilution
11	VIBLK	VW031873.D	16 Jul 2025 13:13	SY/MD	Ok
12	Q2618-02	VW031874.D	16 Jul 2025 14:53	SY/MD	Ok
13	Q2622-01	VW031875.D	16 Jul 2025 15:15	SY/MD	Ok
14	VIBLK	VW031876.D	16 Jul 2025 15:38	SY/MD	Ok
15	VSTDCCC050	VW031877.D	16 Jul 2025 16:00	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM		
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031728.D	30 Jun 2025 08:56		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW031729.D	30 Jun 2025 09:54		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW031730.D	30 Jun 2025 10:15	8260-soil-method	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW031731.D	30 Jun 2025 10:58		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	Comp. #20 is on Quadratic Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW031733.D	30 Jun 2025 12:34		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW031734.D	30 Jun 2025 12:55		SY/MD	Ok,M
8	VIBLK	VIBLK	VW031735.D	30 Jun 2025 14:11		SY/MD	Ok
9	VSTDICV050	ICVVW063025	VW031736.D	30 Jun 2025 15:23		SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:18:11 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:27:26 AM		
SubDirectory	VW071625	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134771
Initial Calibration Stds	
CCC	VP134772,VP134773
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031863.D	16 Jul 2025 08:53		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW031864.D	16 Jul 2025 09:22		SY/MD	Ok,M
3	VW0716SBL01	VW0716SBL01	VW031865.D	16 Jul 2025 09:52		SY/MD	Ok
4	VW0716SBS01	VW0716SBS01	VW031866.D	16 Jul 2025 10:22		SY/MD	Ok,M
5	VW0716SBSD01	VW0716SBSD01	VW031867.D	16 Jul 2025 10:44		SY/MD	Ok,M
6	Q2612-01	OR-02-071525	VW031868.D	16 Jul 2025 11:23	Internal standard fail;Surrogate fail,vial-A	SY/MD	ReRun
7	Q2611-01	EO-02-071525	VW031869.D	16 Jul 2025 11:45	vial A	SY/MD	Ok
8	Q2614-02	HR-MCN-VOC-01	VW031870.D	16 Jul 2025 12:07	vial A	SY/MD	Ok
9	Q2609-03	710-C	VW031871.D	16 Jul 2025 12:29	vial A Need MeOH	SY/MD	Dilution
10	Q2609-07	709-A	VW031872.D	16 Jul 2025 12:51	vial A Internal Standard Fail;Need MeOH	SY/MD	Dilution
11	VIBLK	VIBLK	VW031873.D	16 Jul 2025 13:13		SY/MD	Ok
12	Q2618-02	VOC	VW031874.D	16 Jul 2025 14:53	vial A	SY/MD	Ok
13	Q2622-01	2819	VW031875.D	16 Jul 2025 15:15	vial A	SY/MD	Ok
14	VIBLK	VIBLK	VW031876.D	16 Jul 2025 15:38		SY/MD	Ok
15	VSTDCCC050	VSTDCCC050EC	VW031877.D	16 Jul 2025 16:00		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 7/17/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:15
In Date: 07/16/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:40
Out Date: 07/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136505

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
Q2618-01	WASTE	1	1.14	10.42	11.56	10.99	94.5	
Q2618-02	VOC	2	1.16	10.32	11.48	10.75	92.9	
Q2618-03	1	3	1.16	10.28	11.44	10.52	91.1	
Q2618-04	2	4	1.19	10.41	11.6	10.93	93.6	
Q2618-05	3	5	1.14	10.31	11.45	10.85	94.2	
Q2618-06	4	6	1.17	10.46	11.63	10.94	93.4	
Q2618-07	5	7	1.17	10.59	11.76	11.1	93.8	
Q2618-08	6	8	1.13	10.65	11.78	11.08	93.4	
Q2619-01	GAS-BUR-1337	11	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2619-02	GAS-BUR-1336	12	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2620-01	GAS-BUR-0010	13	1.00	1.00	2.00	2.00	100.0	oily-debris
Q2621-01	TR-05-07162025	14	1.14	10.19	11.33	10.73	94.1	
Q2621-02	TR-05-07162025-E2	15	1.19	10.44	11.63	10.87	92.7	
Q2622-01	2819	9	1.18	10.42	11.6	8.79	73.0	
Q2622-02	2819-E2	10	1.12	10.34	11.46	8.92	75.4	

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

WORKLIST(Hardcopy Internal Chain)

V13136505

WorkList Name : %1-071625 **WorkList ID :** 190750 **Department :** Wet-Chemistry **Date :** 07-16-2025 08:09:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2618-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2618-08	6	Solid	Percent Solids	Cool 4 deg C	SCIA01	O11	07/16/2025	Chemtech -SO
Q2619-01	GAS-BUR-1337	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO
Q2619-02	GAS-BUR-1336	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO
Q2620-01	GAS-BUR-0010	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/16/2025	Chemtech -SO
Q2621-01	TR-05-07162025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/16/2025	Chemtech -SO
Q2621-02	TR-05-07162025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/16/2025	Chemtech -SO
Q2622-01	2819	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO
Q2622-02	2819-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/16/2025	Chemtech -SO

Date/Time 07-16-25 15:25
Raw Sample Received by: SO (well)
Raw Sample Relinquished by: RJ (ELI-Web)

Date/Time 07-16-25 17:30
Raw Sample Received by: RJ (ELI-Web)
Raw Sample Relinquished by: SO (well)

SHIPPING DOCUMENTS

164 Belmont AVE
Belleville.

166 Belmont AVE Q2618

CHEMTECH
CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: Belleville.
COC Number:

CLIENT INFORMATION

Report to be sent to:
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME:
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: Belleville STATE: NJ ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT _____
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other _____

ANALYSIS

1 TPH_GC
2 VOC
3 EPH_F2
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: COMP	SAMPLE TYPE: GRAB	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WASTE				7/16	8:30	1	X									
2.	VOC					8:30	1		X								
3.	1					8:45	1			X							
4.	2					9:15	1			X							
5.	3					9:40	1			X							
6.	4					10	1			X							
7.	5					10:30	1			X							
8.	6					9:30											
9.																	
10.																	

COMMENTS: <--Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	1145 7-16-25	1. 1145 7-16-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME 1315 7-16-25	RECEIVED FOR LAB BY 3.

Conditions of bottles or coilers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.1°C
Comments:

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other: _____
CHEMTECH: ☐ Picked Up

Shipment Complete ☐ YES ☐ NO

0/2019

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2618 SCIA01
Client Name : Sciacca General Contractors
Client Contact : Rosanne Scirica
Invoice Name : Sciacca General Contractors
Invoice Contact : Rosanne Scirica

Order Date : 7/16/2025 12:13:00 PM
Project Name : ~~98 Morse Ave Nutley~~ 166 Belmont Ave
Receive DateTime : 7/16/2025 ~~2:00:00 PM~~ 13:15 PM
Purchase Order :

Project Mgr : Deepak
Report Type : Results Only
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff : 7/16/2025 1:55:47 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2618-02	VOC	Solid	07/16/2025	08:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :
Date / Time : 7-16-25 1420

Received By : Sam
Date / Time : 07/16/25 14:20
Storage Area : VOA Refridgerator Room

Rg # 6
E 22