

DATA REPORTING QUALIFIERS- ORGANIC

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

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

LAB CHRONICLE

OrderID:	Q2425	OrderDate:	6/25/2025 2:03:00 PM
Client:	Kleinfelder	Project:	AS Jenks School
Contact:	Mark Warchol	Location:	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2425-01	COMP-1	SOIL	VOCMS Group1	8260D	06/24/25		06/25/25	06/25/25
Q2425-02	COMP-2	SOIL	VOCMS Group1	8260D	06/24/25		06/25/25	06/25/25
Q2425-03	COMP-3	SOIL	VOCMS Group1	8260D	06/24/25		06/25/25	06/25/25



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2425

Client: Kleinfelder

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

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q2425-01	COMP-1	1,2-Dichloroethane-d4	50	48.5	97	63	155
		Dibromofluoromethane	50	49.8	100	70	134
		Toluene-d8	50	50.0	100	74	123
		4-Bromofluorobenzene	50	50.2	100	17	146
Q2425-02	COMP-2	1,2-Dichloroethane-d4	50	46.2	92	63	155
		Dibromofluoromethane	50	49.4	99	70	134
		Toluene-d8	50	49.6	99	74	123
		4-Bromofluorobenzene	50	50.2	100	17	146
Q2425-03	COMP-3	1,2-Dichloroethane-d4	50	45.7	91	63	155
		Dibromofluoromethane	50	49.5	99	70	134
		Toluene-d8	50	49.8	100	74	123
		4-Bromofluorobenzene	50	51.5	103	17	146
VY0625SBL01	VY0625SBL01	1,2-Dichloroethane-d4	50	48.2	96	63	155
		Dibromofluoromethane	50	49.8	100	70	134
		Toluene-d8	50	49.3	99	74	123
		4-Bromofluorobenzene	50	53.3	107	17	146
VY0625SBS01	VY0625SBS01	1,2-Dichloroethane-d4	50	50.1	100	63	155
		Dibromofluoromethane	50	50.1	100	70	134
		Toluene-d8	50	51.1	102	74	123
		4-Bromofluorobenzene	50	49.7	99	17	146
VY0625SBSD01	VY0625SBSD01	1,2-Dichloroethane-d4	50	51.0	102	63	155
		Dibromofluoromethane	50	51.1	102	70	134
		Toluene-d8	50	51.5	103	74	123
		4-Bromofluorobenzene	50	49.5	99	17	146

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: SW8260D

Datafile : VY022813.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0625SBS01	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101			82	123	
	1,1,1-Trichloroethane	20	20.2	ug/Kg	101			80	126	
	Benzene	20	20.1	ug/Kg	101			84	121	
	Trichloroethene	20	20.9	ug/Kg	104			83	122	
	Toluene	20	20.2	ug/Kg	101			83	122	
	Ethyl Benzene	20	20.1	ug/Kg	101			82	124	
	m/p-Xylenes	40	39.8	ug/Kg	100			83	124	
	o-Xylene	20	19.7	ug/Kg	99			83	123	
	Isopropylbenzene	20	20.3	ug/Kg	102			82	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: SW8260D

Datafile : VY022814.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0625SBSD01	cis-1,2-Dichloroethene	20	20.4	ug/Kg	102	1		82	123	20
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103	2		80	126	20
	Benzene	20	20.4	ug/Kg	102	1		84	121	20
	Trichloroethene	20	20.4	ug/Kg	102	2		83	122	20
	Toluene	20	20.0	ug/Kg	100	1		83	122	20
	Ethyl Benzene	20	20.6	ug/Kg	103	2		82	124	20
	m/p-Xylenes	40	41.0	ug/Kg	103	3		83	124	20
	o-Xylene	20	20.2	ug/Kg	101	2		83	123	20
	Isopropylbenzene	20	21.3	ug/Kg	106	4		82	124	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0625SBL01

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: Q2425

SAS No.: Q2425 SDG NO.: Q2425

Lab File ID: VY022812.D

Lab Sample ID: VY0625SBL01

Date Analyzed: 06/25/2025

Time Analyzed: 09:46

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0625SBS01	VY0625SBS01	VY022813.D	06/25/2025
VY0625SBSD01	VY0625SBSD01	VY022814.D	06/25/2025
COMP-1	Q2425-01	VY022831.D	06/25/2025
COMP-2	Q2425-02	VY022832.D	06/25/2025
COMP-3	Q2425-03	VY022833.D	06/25/2025

COMMENTS: _____



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02
Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425
Lab File ID: VY022775.D BFB Injection Date: 06/23/2025
Instrument ID: MSVOA_Y BFB Injection Time: 10:17
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	22.8
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	81.9
175	5.0 - 9.0% of mass 174	6 (7.4) 1
176	95.0 - 101.0% of mass 174	78.2 (95.5) 1
177	5.0 - 9.0% of mass 176	5.1 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY022776.D	06/23/2025	13:38
VSTDIC010	VSTDIC010	VY022777.D	06/23/2025	14:00
VSTDIC020	VSTDIC020	VY022778.D	06/23/2025	14:23
VSTDIC050	VSTDIC050	VY022779.D	06/23/2025	14:46
VSTDIC100	VSTDIC100	VY022780.D	06/23/2025	15:08
VSTDIC150	VSTDIC150	VY022781.D	06/23/2025	15:31



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02
Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425
Lab File ID: VY022810.D BFB Injection Date: 06/25/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:41
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	23
75	30.0 - 60.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	80.5
175	5.0 - 9.0% of mass 174	6 (7.5) 1
176	95.0 - 101.0% of mass 174	79.5 (98.8) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022811.D	06/25/2025	09:13
VY0625SBL01	VY0625SBL01	VY022812.D	06/25/2025	09:46
VY0625SBS01	VY0625SBS01	VY022813.D	06/25/2025	10:18
VY0625SBSD01	VY0625SBSD01	VY022814.D	06/25/2025	10:40
COMP-1	Q2425-01	VY022831.D	06/25/2025	17:39
COMP-2	Q2425-02	VY022832.D	06/25/2025	18:02
COMP-3	Q2425-03	VY022833.D	06/25/2025	18:26

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02
Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425
Lab File ID: VY022811.D Date Analyzed: 06/25/2025
Instrument ID: MSVOA_Y Time Analyzed: 09:13
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	448549	7.71	727879	8.61	634524	11.41
UPPER LIMIT	897098	8.207	1455760	9.11	1269050	11.914
LOWER LIMIT	224275	7.207	363940	8.11	317262	10.914
EPA SAMPLE NO.						
COMP-1	439139	7.71	824260	8.61	766377	11.41
COMP-2	436434	7.71	782882	8.61	712732	11.41
COMP-3	401005	7.71	712820	8.61	666622	11.41
VY0625SBL01	322245	7.71	582244	8.62	555259	11.41
VY0625SBS01	433589	7.71	722109	8.61	625216	11.41
VY0625SBSD01	424898	7.71	717544	8.61	607296	11.41

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02
 Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425
 Lab File ID: VY022811.D Date Analyzed: 06/25/2025
 Instrument ID: MSVOA_Y Time Analyzed: 09:13
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	316858	13.34				
UPPER LIMIT	633716	13.84				
LOWER LIMIT	158429	12.84				
EPA SAMPLE NO.						
COMP-1	315122	13.34				
COMP-2	306171	13.34				
COMP-3	284845	13.34				
VY0625SBL01	248657	13.35				
VY0625SBS01	303331	13.35				
VY0625SBSD01	290027	13.34				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-1	SDG No.:	Q2425
Lab Sample ID:	Q2425-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.9
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022831.D	1		06/25/25 17:39	VY062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.30	U	1.30	7.20	ug/Kg
71-43-2	Benzene	1.10	U	1.10	7.20	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.20	ug/Kg
108-88-3	Toluene	1.10	U	1.10	7.20	ug/Kg
100-41-4	Ethyl Benzene	0.97	U	0.97	7.20	ug/Kg
1330-20-7	Total Xylenes	3.00	U	3.00	21.6	ug/Kg
98-82-8	Isopropylbenzene	1.10	U	1.10	7.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	50.1		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	439000	7.707			
540-36-3	1,4-Difluorobenzene	824000	8.609			
3114-55-4	Chlorobenzene-d5	766000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	315000	13.34			

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_Y\Data\VY062525\
 Data File : VY022831.D
 Acq On : 25 Jun 2025 17:39
 Operator : SY/MD
 Sample : Q2425-01
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jun 26 01:29:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

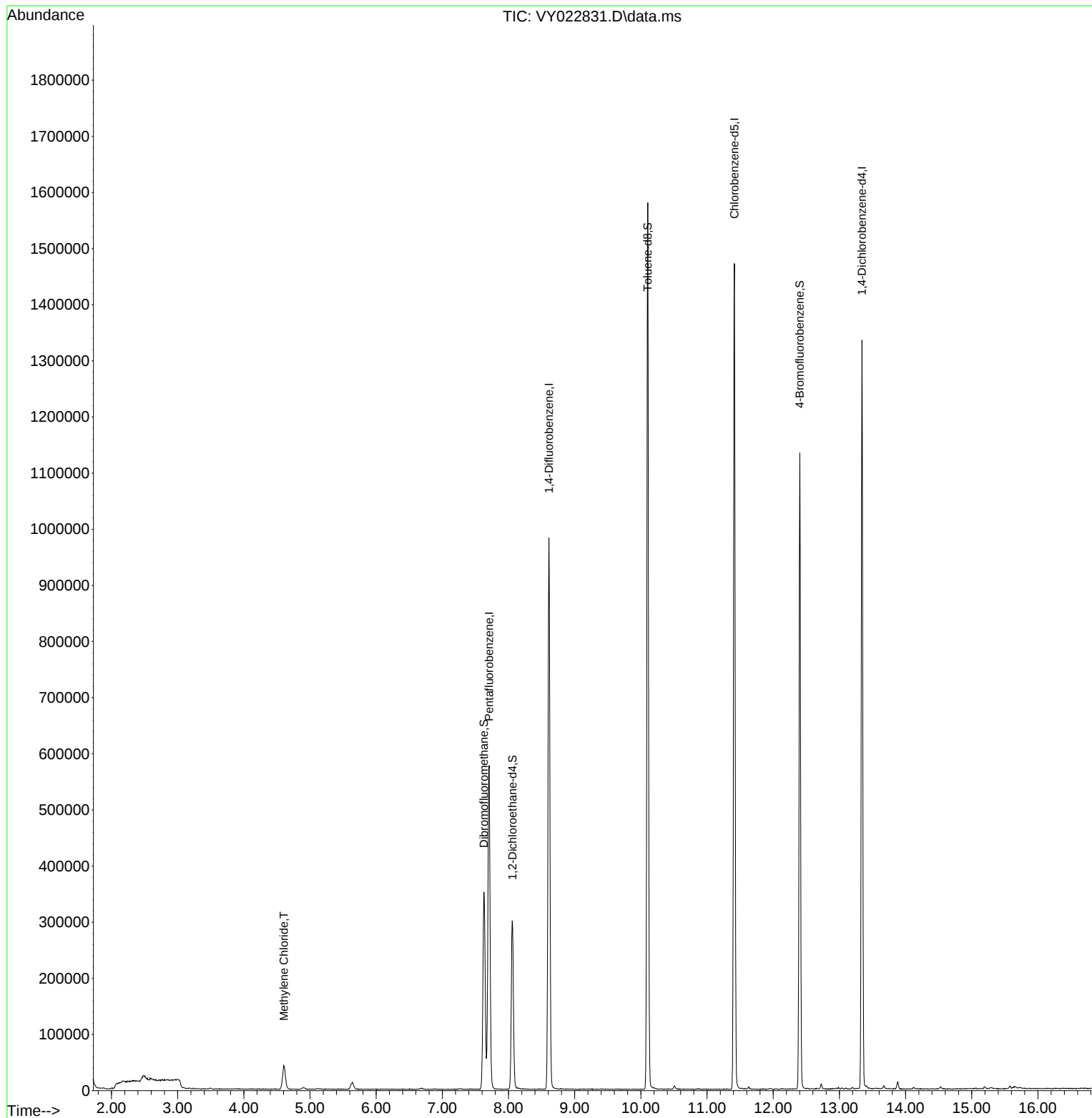
Internal Standards						
1) Pentafluorobenzene	7.707	168	439139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	824260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	766377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	315122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237858	48.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.628	113	249787	49.830	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.103	98	995552	50.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.401	95	320893	50.183	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.360%
Target Compounds						
20) Methylene Chloride	4.604	84	30792	5.263	ug/l	Qvalue 96

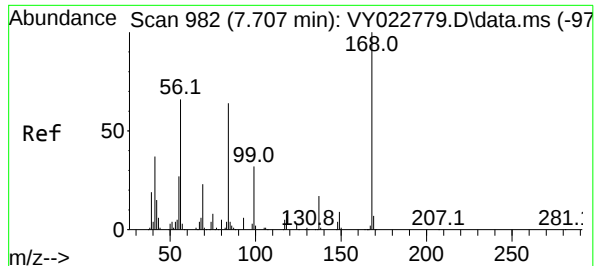
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022831.D
Acq On : 25 Jun 2025 17:39
Operator : SY/MD
Sample : Q2425-01
Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Jun 26 01:29:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

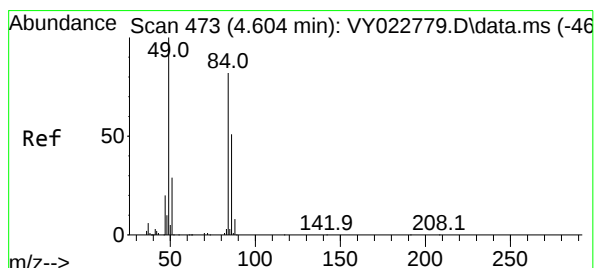
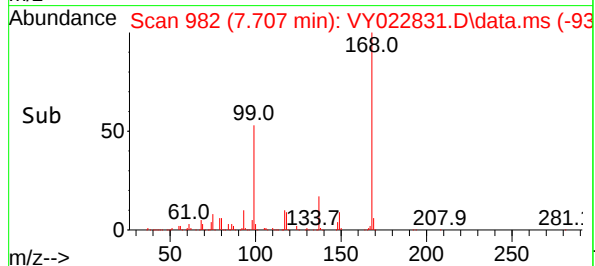
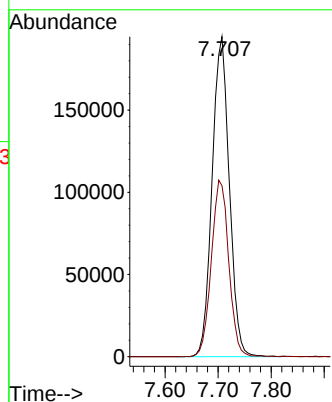
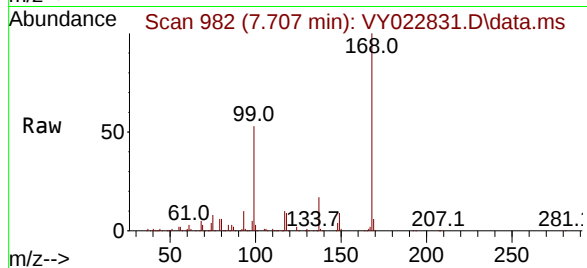




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022831.D
Acq: 25 Jun 2025 17:39

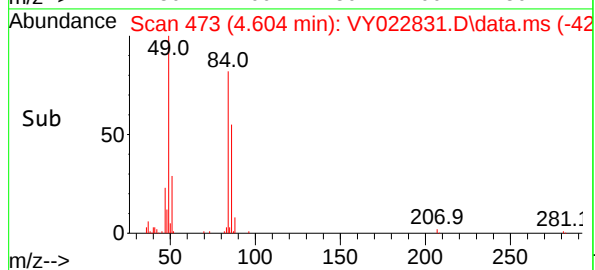
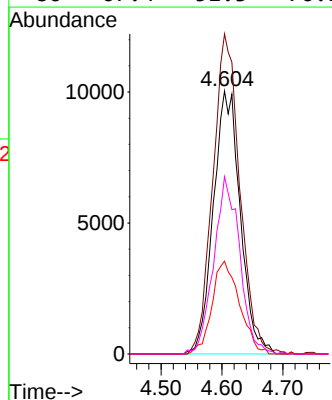
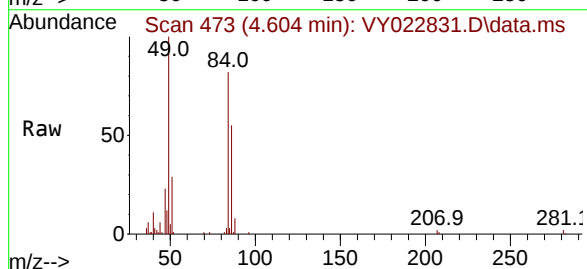
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

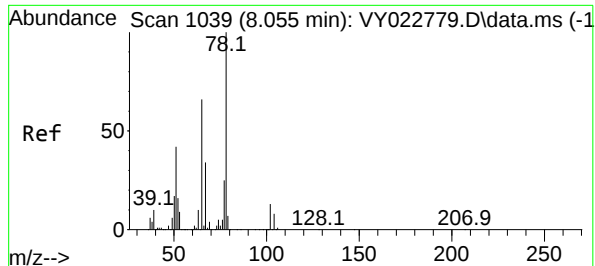
Tgt Ion:168 Resp: 439139
Ion Ratio Lower Upper
168 100
99 53.5 44.3 66.5



#20
Methylene Chloride
Concen: 5.263 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022831.D
Acq: 25 Jun 2025 17:39

Tgt Ion: 84 Resp: 30792
Ion Ratio Lower Upper
84 100
49 121.7 101.9 152.9
51 35.3 29.8 44.8
86 67.4 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 48.530 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022831.D

Acq: 25 Jun 2025 17:39

Instrument :

MSVOA_Y

ClientSampleId :

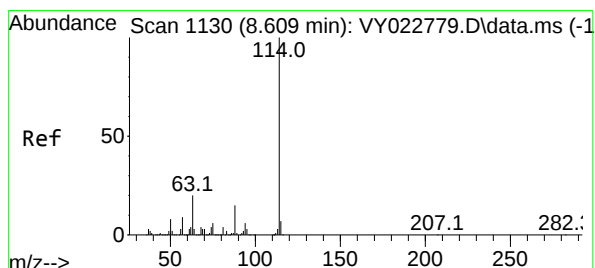
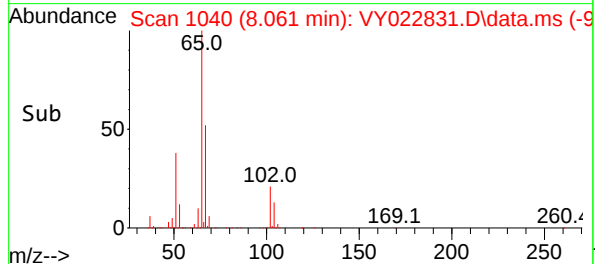
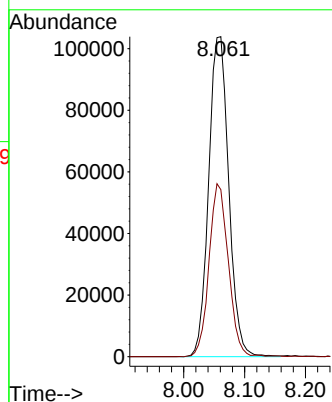
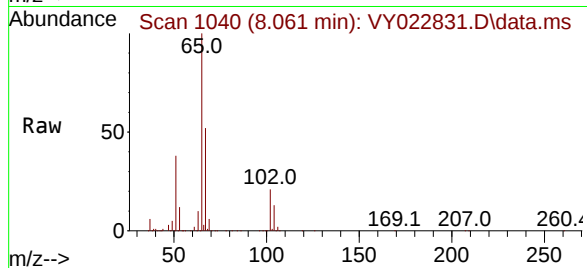
COMP-1

Tgt Ion: 65 Resp: 237858

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022831.D

Acq: 25 Jun 2025 17:39

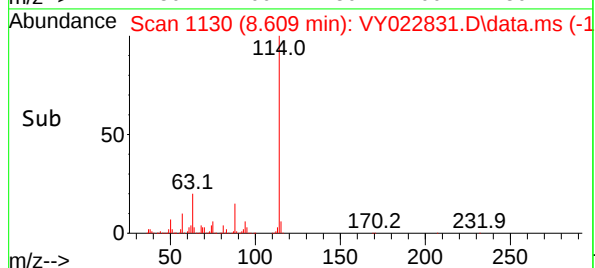
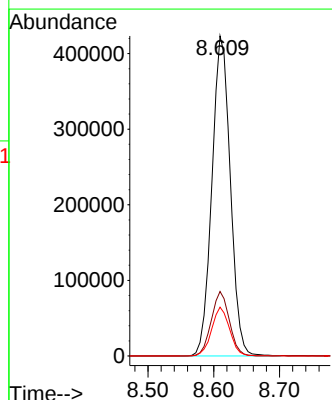
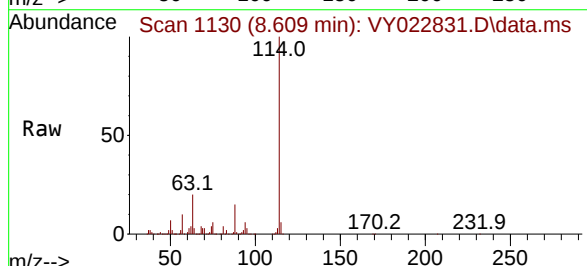
Tgt Ion: 114 Resp: 824260

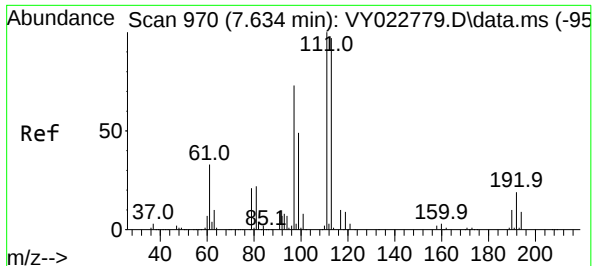
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 49.830 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY022831.D

Acq: 25 Jun 2025 17:39

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

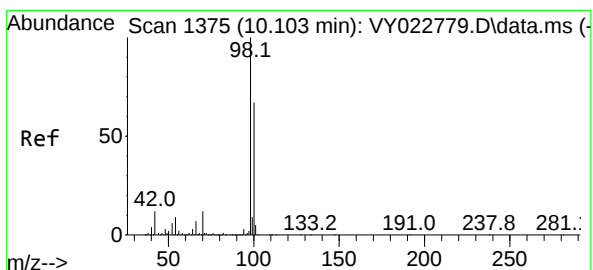
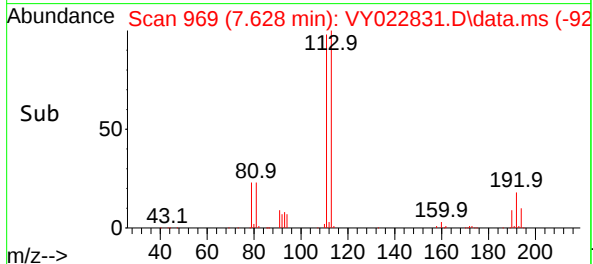
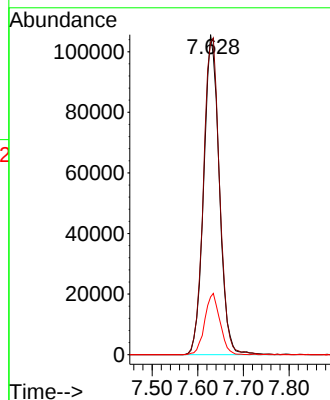
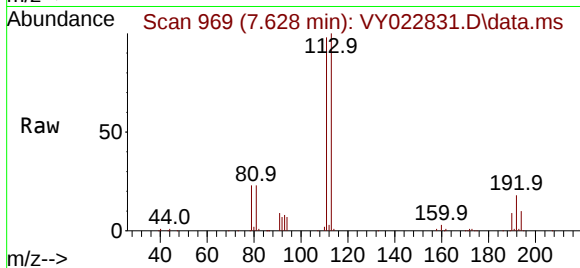
Tgt Ion:113 Resp: 249787

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

192 18.8 14.2 21.2



#50

Toluene-d8

Concen: 50.050 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022831.D

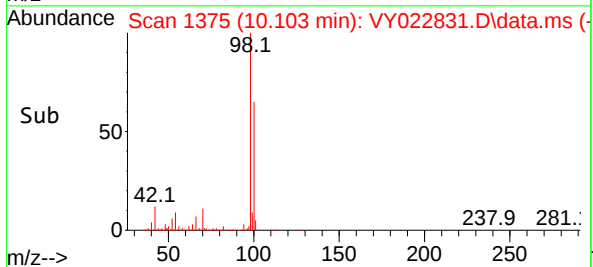
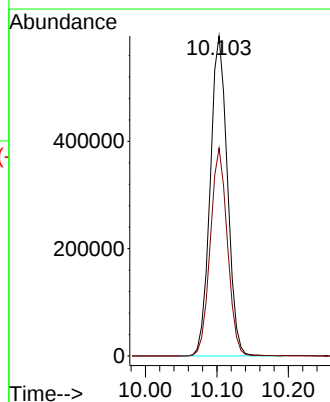
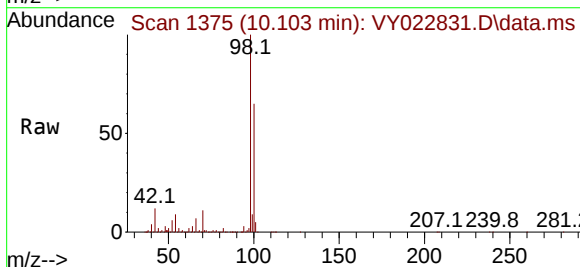
Acq: 25 Jun 2025 17:39

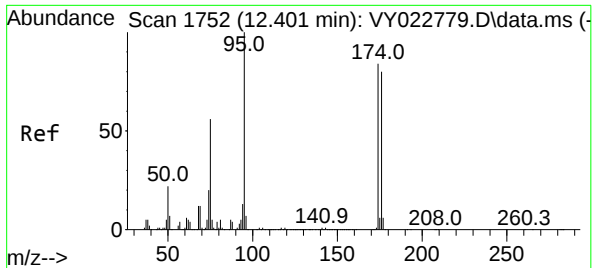
Tgt Ion: 98 Resp: 995552

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

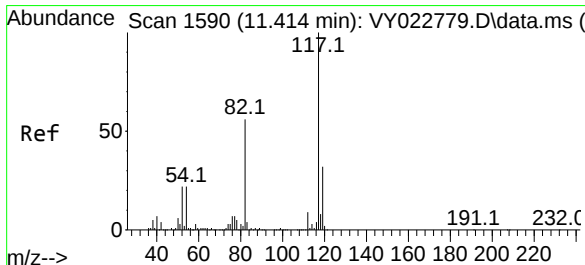
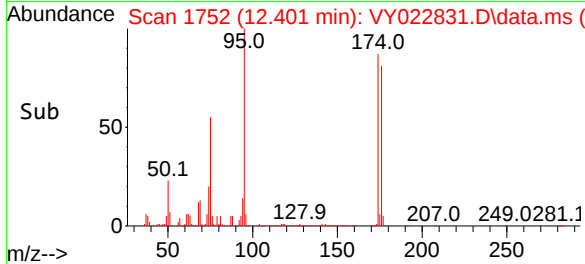
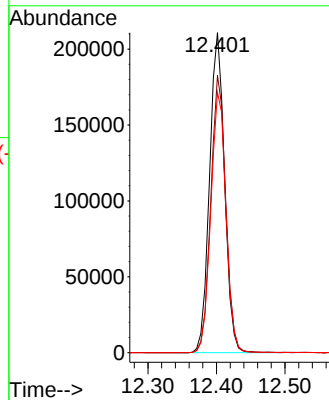
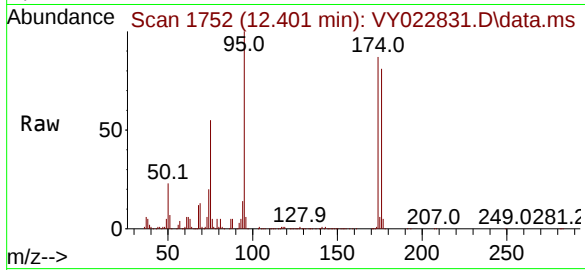




#62
4-Bromofluorobenzene
Concen: 50.183 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022831.D
Acq: 25 Jun 2025 17:39

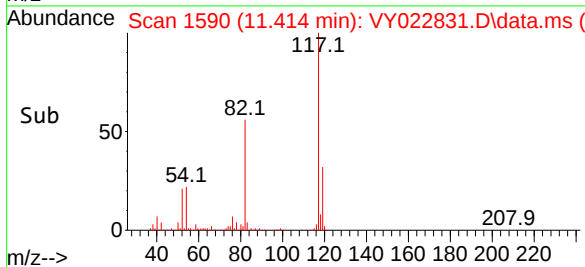
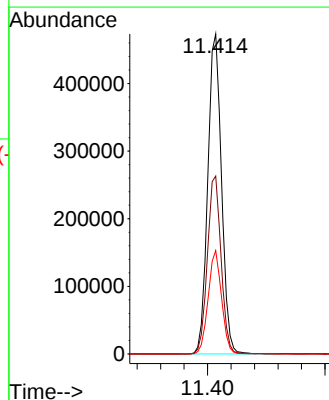
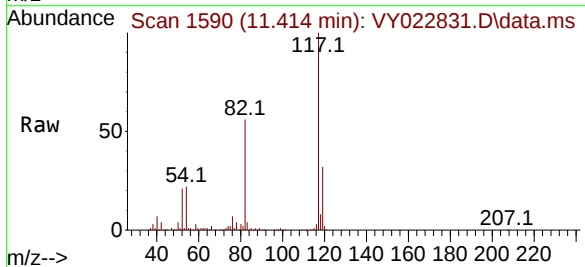
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

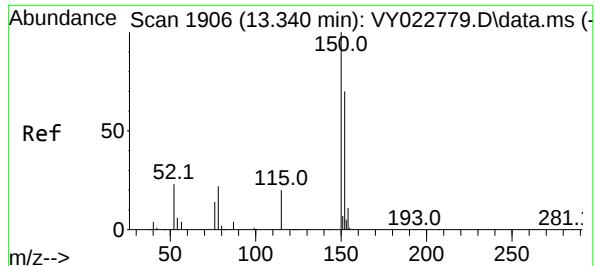
Tgt Ion: 95 Resp: 320893
Ion Ratio Lower Upper
95 100
174 86.7 0.0 170.0
176 82.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022831.D
Acq: 25 Jun 2025 17:39

Tgt Ion: 117 Resp: 766377
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022831.D

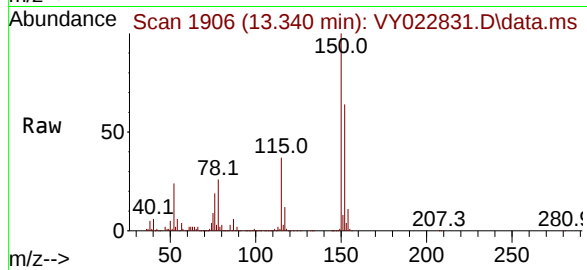
Acq: 25 Jun 2025 17:39

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1



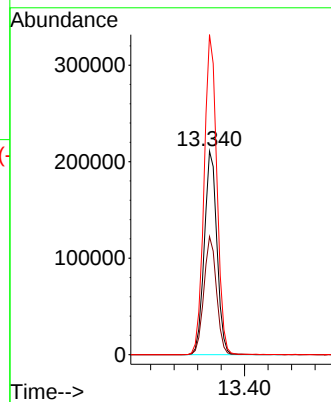
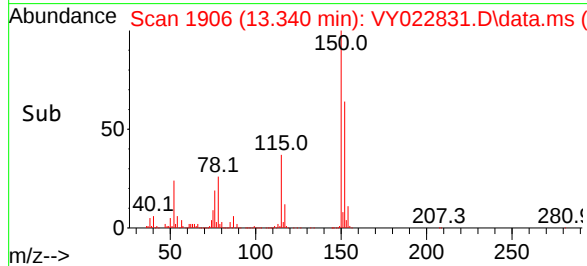
Tgt Ion:152 Resp: 315122

Ion	Ratio	Lower	Upper
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152	100		
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115	57.9	28.9	86.7
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150	159.3	0.0	349.6
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Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-2	SDG No.:	Q2425
Lab Sample ID:	Q2425-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	79.7
Sample Wt/Vol:	4.7 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022832.D	1		06/25/25 18:02	VY062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	1.00	U	1.00	6.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.70	ug/Kg
71-43-2	Benzene	1.10	U	1.10	6.70	ug/Kg
79-01-6	Trichloroethene	1.10	U	1.10	6.70	ug/Kg
108-88-3	Toluene	1.00	U	1.00	6.70	ug/Kg
100-41-4	Ethyl Benzene	0.89	U	0.89	6.70	ug/Kg
1330-20-7	Total Xylenes	2.80	U	2.80	20.0	ug/Kg
98-82-8	Isopropylbenzene	1.00	U	1.00	6.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.2		63 - 155	92%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	49.6		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	436000	7.707			
540-36-3	1,4-Difluorobenzene	783000	8.61			
3114-55-4	Chlorobenzene-d5	713000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	306000	13.34			

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_Y\Data\VY062525\
 Data File : VY022832.D
 Acq On : 25 Jun 2025 18:02
 Operator : SY/MD
 Sample : Q2425-02
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jun 26 01:29:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

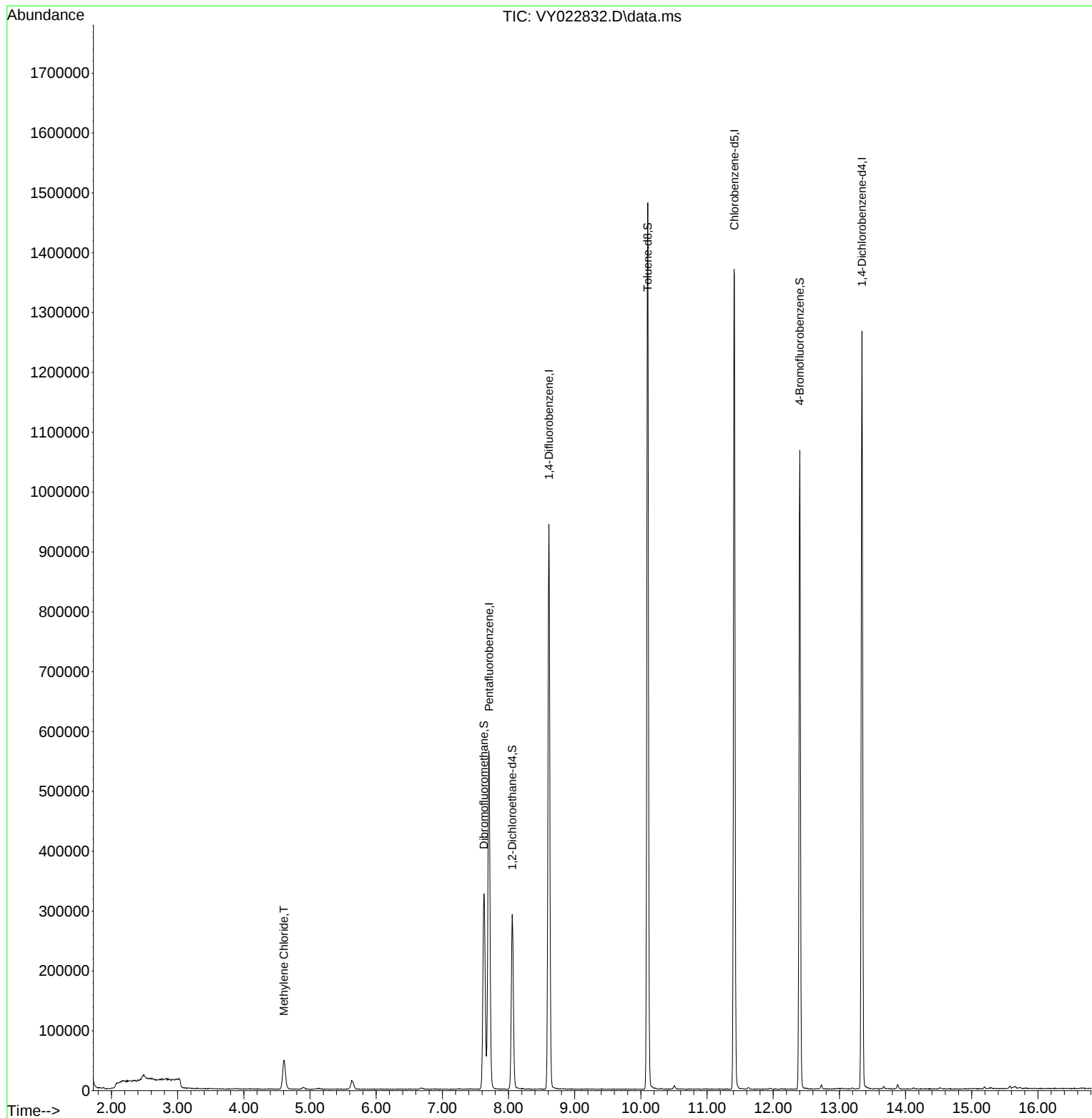
Internal Standards						
1) Pentafluorobenzene	7.707	168	436434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	782882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	306171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	225133	46.219	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.440%
35) Dibromofluoromethane	7.628	113	235052	49.369	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.103	98	937499	49.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.402	95	304838	50.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.380%
Target Compounds						
20) Methylene Chloride	4.604	84	36218	6.229	ug/l	92

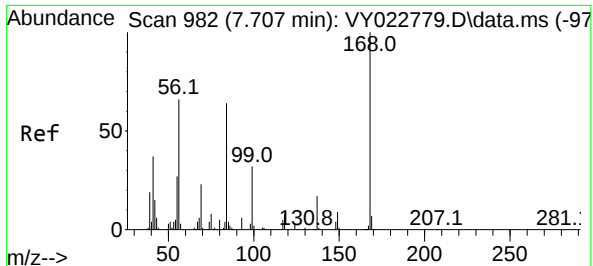
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022832.D
Acq On : 25 Jun 2025 18:02
Operator : SY/MD
Sample : Q2425-02
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Jun 26 01:29:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

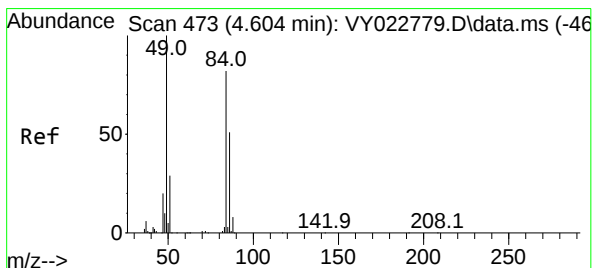
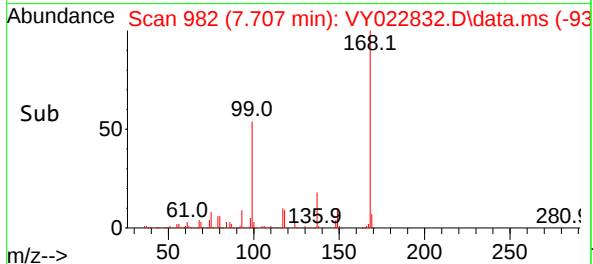
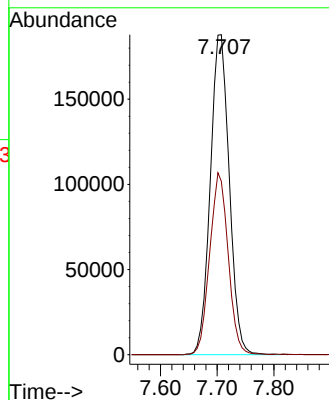
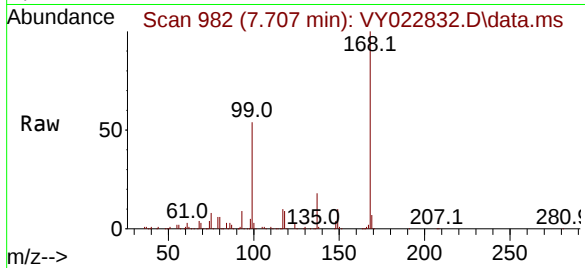




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022832.D
Acq: 25 Jun 2025 18:02

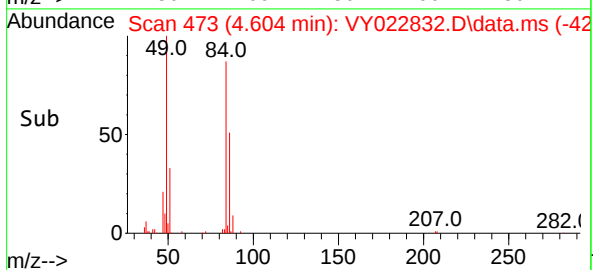
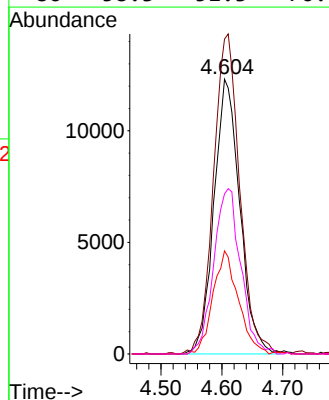
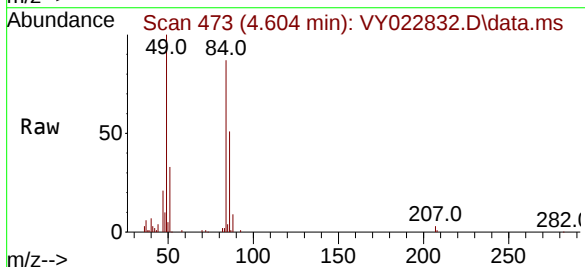
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

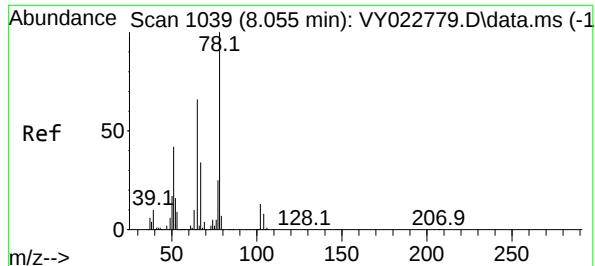
Tgt Ion:168 Resp: 436434
Ion Ratio Lower Upper
168 100
99 54.2 44.3 66.5



#20
Methylene Chloride
Concen: 6.229 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022832.D
Acq: 25 Jun 2025 18:02

Tgt Ion: 84 Resp: 36218
Ion Ratio Lower Upper
84 100
49 114.6 101.9 152.9
51 37.5 29.8 44.8
86 58.3 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 46.219 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY022832.D

Acq: 25 Jun 2025 18:02

Instrument :

MSVOA_Y

ClientSampleId :

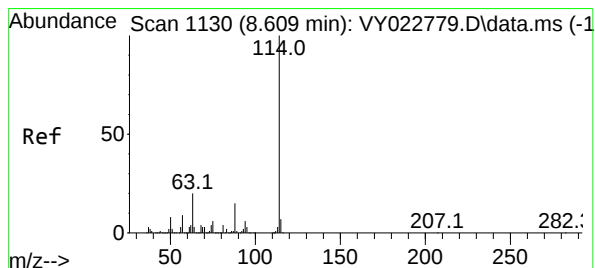
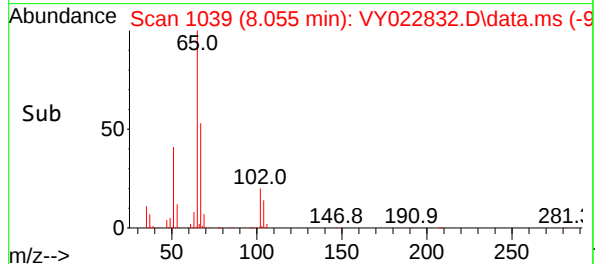
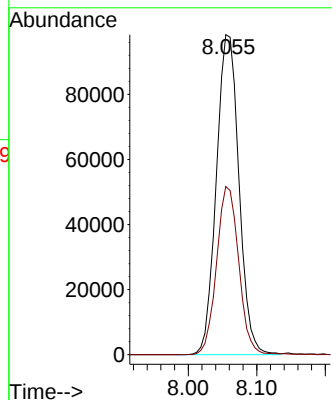
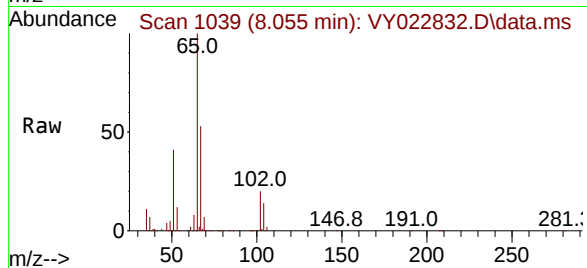
COMP-2

Tgt Ion: 65 Resp: 225133

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022832.D

Acq: 25 Jun 2025 18:02

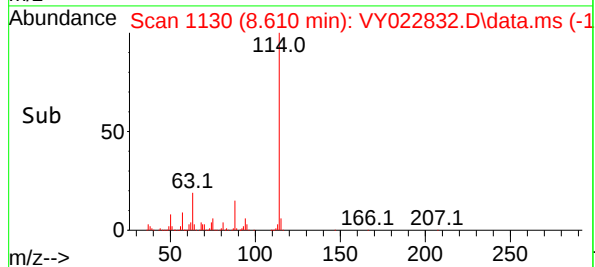
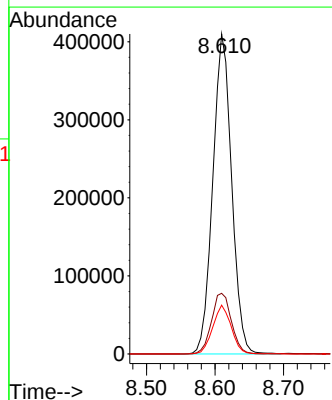
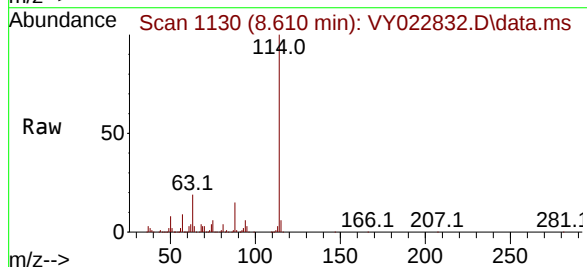
Tgt Ion:114 Resp: 782882

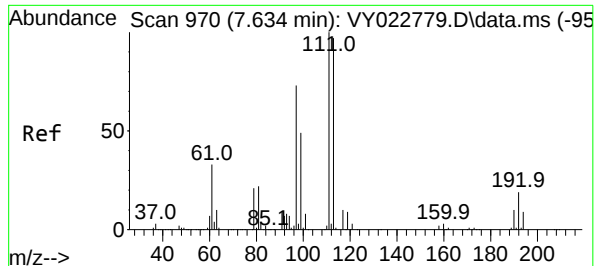
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 15.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 49.369 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY022832.D

Acq: 25 Jun 2025 18:02

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

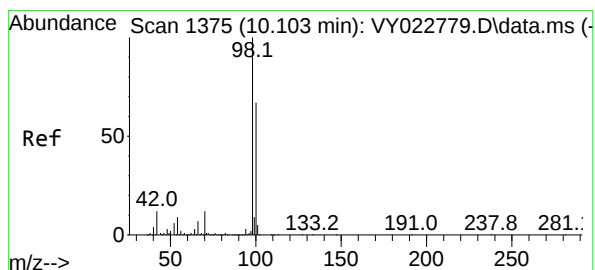
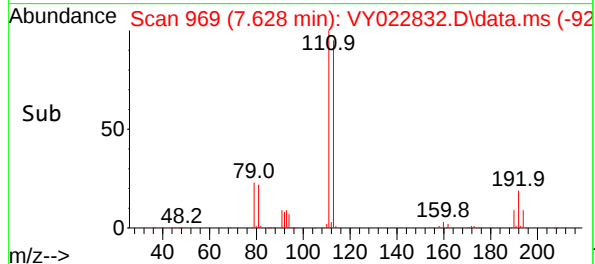
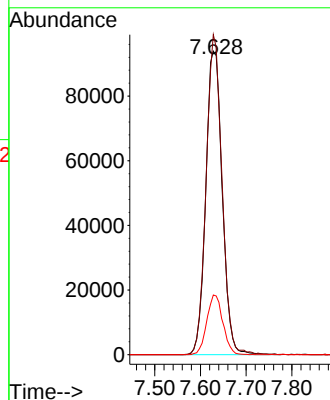
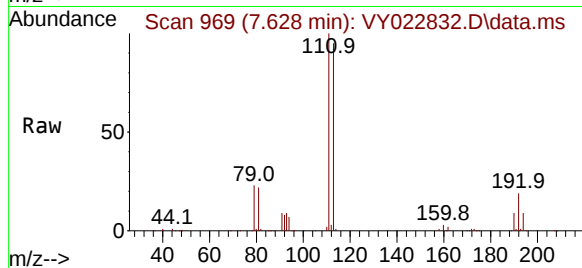
Tgt Ion:113 Resp: 235052

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

192 19.2 14.2 21.2



#50

Toluene-d8

Concen: 49.622 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022832.D

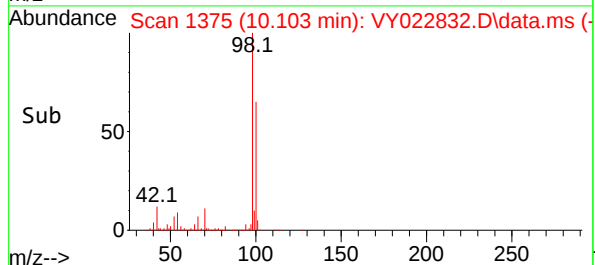
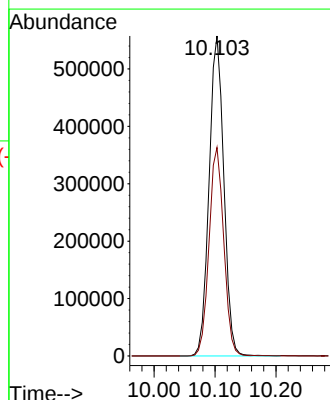
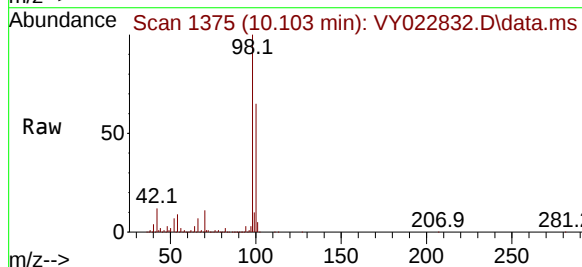
Acq: 25 Jun 2025 18:02

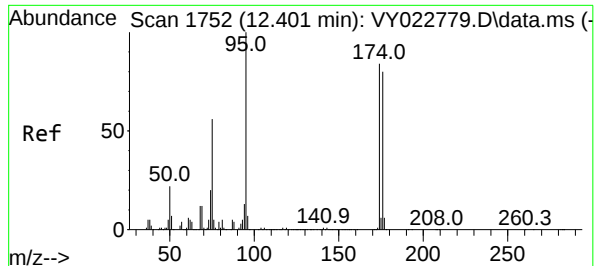
Tgt Ion: 98 Resp: 937499

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

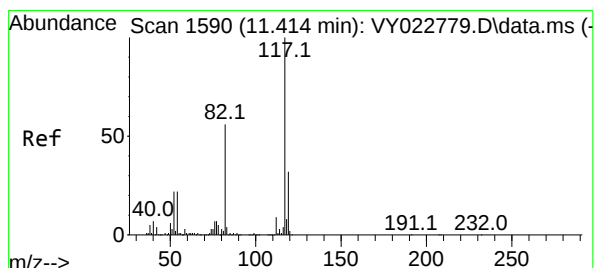
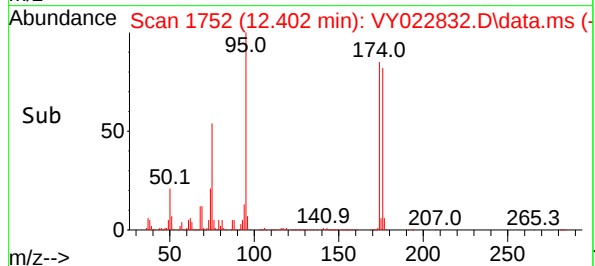
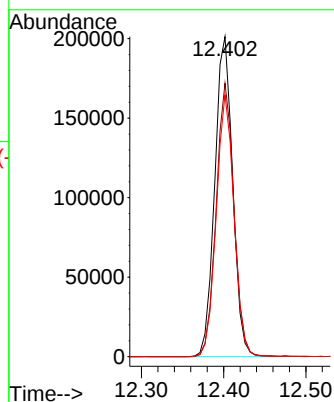
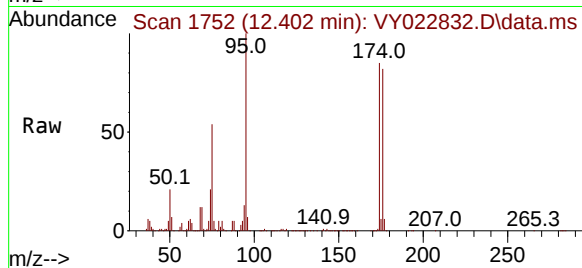




#62
4-Bromofluorobenzene
Concen: 50.192 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022832.D
Acq: 25 Jun 2025 18:02

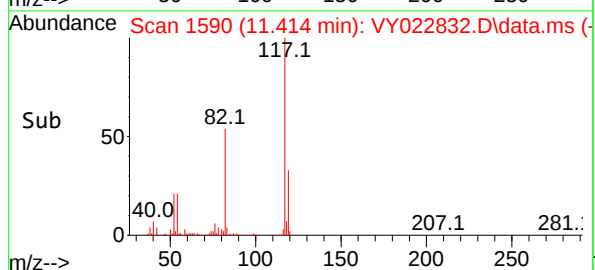
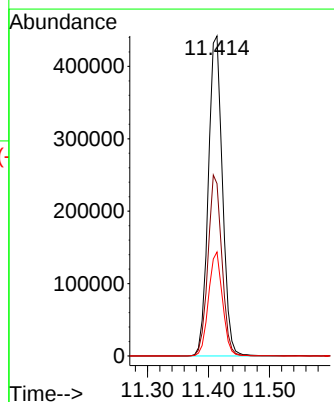
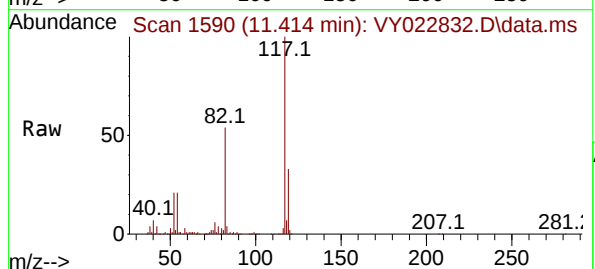
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

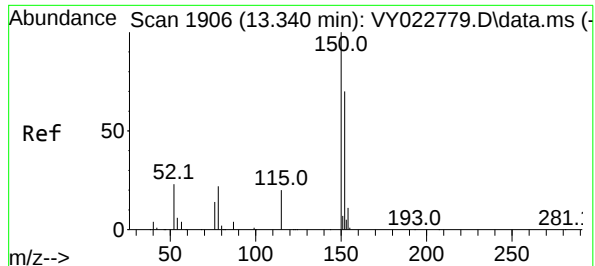
Tgt Ion: 95 Resp: 304838
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.0
176 81.0 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022832.D
Acq: 25 Jun 2025 18:02

Tgt Ion: 117 Resp: 712732
Ion Ratio Lower Upper
117 100
82 53.8 44.6 66.8
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022832.D

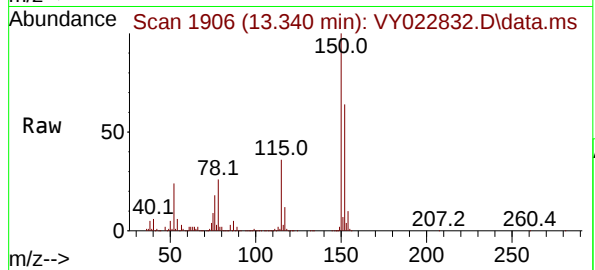
Acq: 25 Jun 2025 18:02

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2



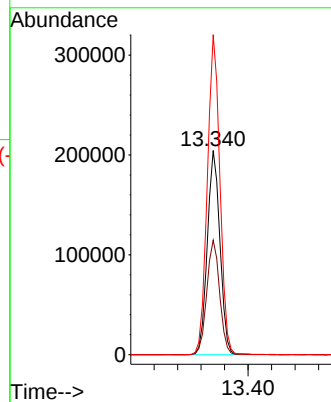
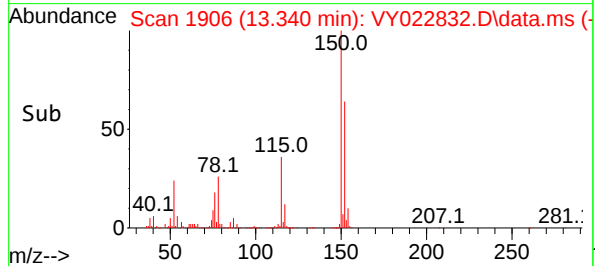
Tgt Ion:152 Resp: 306171

Ion Ratio Lower Upper

152 100

115 57.0 28.9 86.7

150 155.9 0.0 349.6



Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-3	SDG No.:	Q2425
Lab Sample ID:	Q2425-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.6
Sample Wt/Vol:	5.6	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022833.D	1		06/25/25 18:26	VY062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.81	U	0.81	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
71-43-2	Benzene	0.85	U	0.85	5.40	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	5.40	ug/Kg
108-88-3	Toluene	0.84	U	0.84	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.40	ug/Kg
1330-20-7	Total Xylenes	2.19	U	2.19	16.2	ug/Kg
98-82-8	Isopropylbenzene	0.84	U	0.84	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.7		63 - 155	91%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	49.8		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	401000	7.707			
540-36-3	1,4-Difluorobenzene	713000	8.609			
3114-55-4	Chlorobenzene-d5	667000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	285000	13.34			

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_Y\Data\VY062525\
 Data File : VY022833.D
 Acq On : 25 Jun 2025 18:26
 Operator : SY/MD
 Sample : Q2425-03
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jun 26 01:29:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

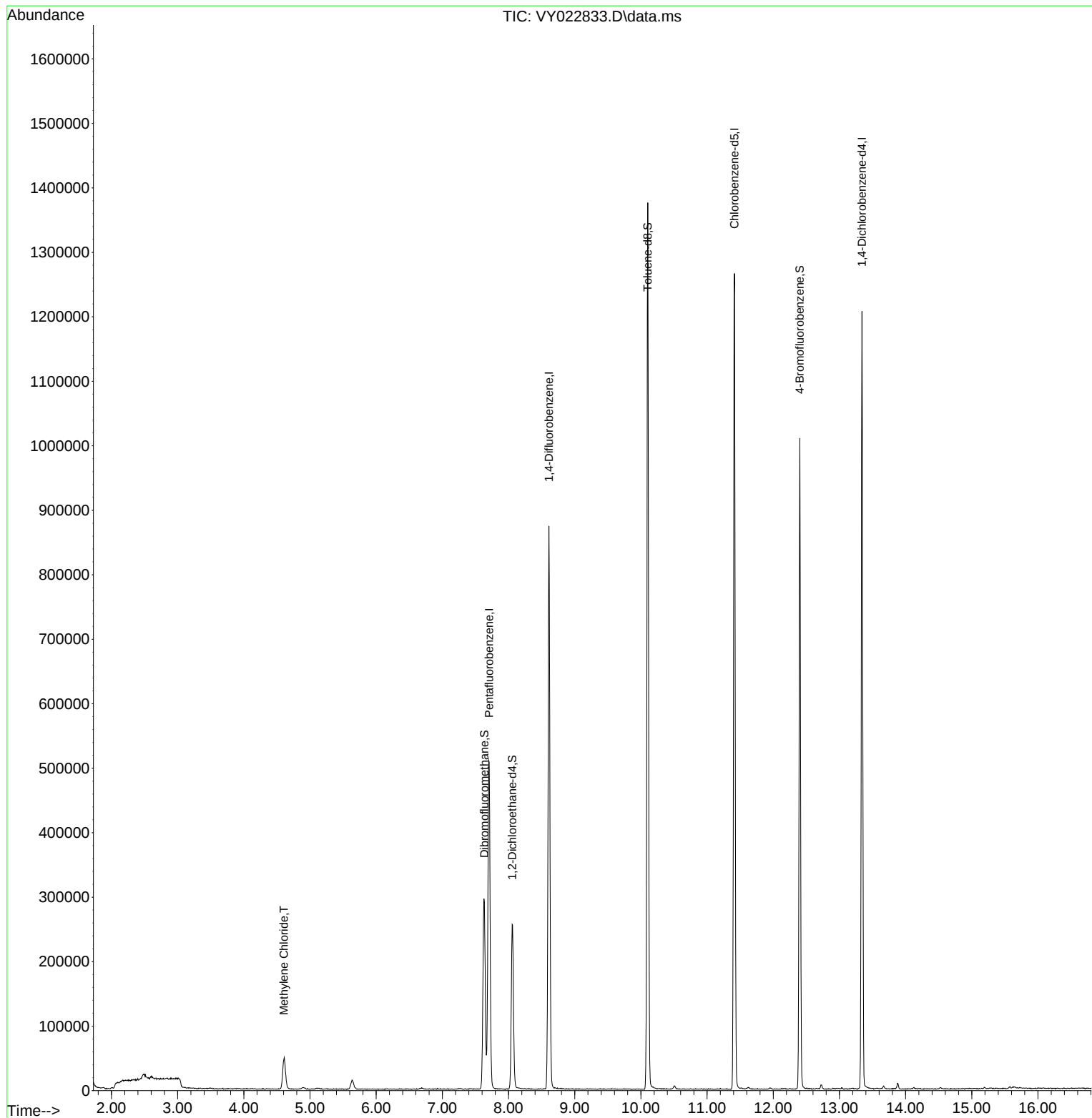
Internal Standards						
1) Pentafluorobenzene	7.707	168	401005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	712820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	666622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	284845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	204407	45.671	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.340%
35) Dibromofluoromethane	7.634	113	214625	49.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.103	98	856898	49.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.401	95	284808	51.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.000%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.604	84	35538	6.652	ug/l	87

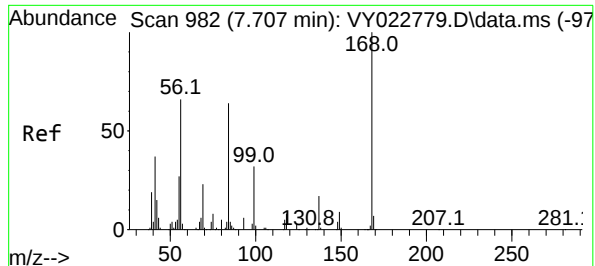
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022833.D
Acq On : 25 Jun 2025 18:26
Operator : SY/MD
Sample : Q2425-03
Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Quant Time: Jun 26 01:29:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

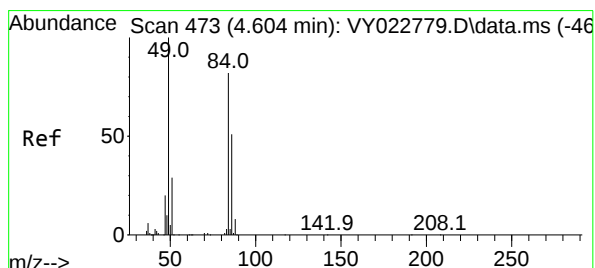
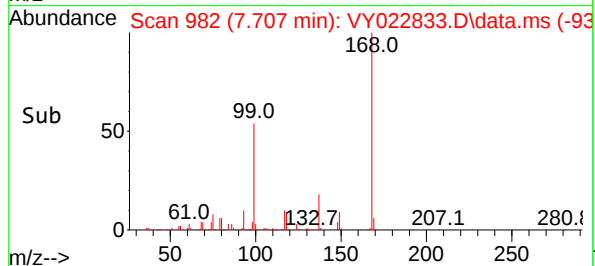
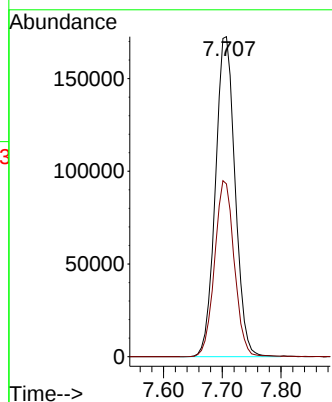
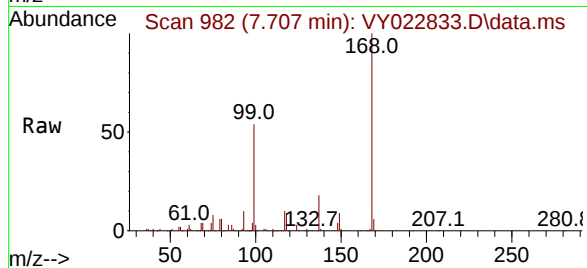




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

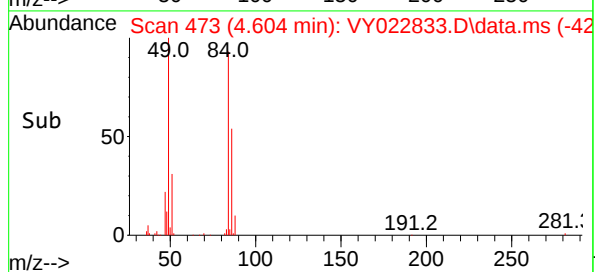
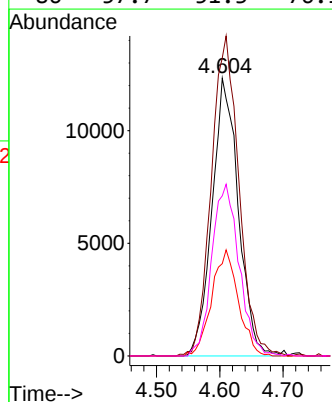
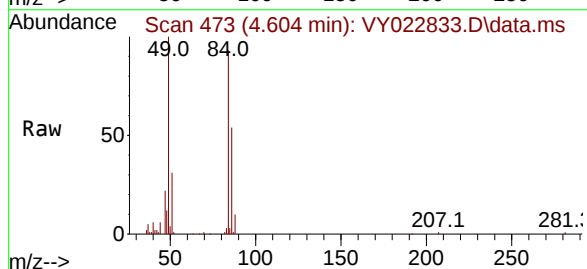
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

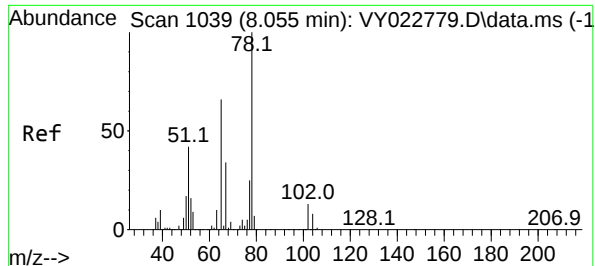
Tgt Ion:168 Resp: 401005
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#20
Methylene Chloride
Concen: 6.652 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.019 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Tgt Ion: 84 Resp: 35538
Ion Ratio Lower Upper
84 100
49 106.7 101.9 152.9
51 33.2 29.8 44.8
86 57.7 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 45.671 ug/l

RT: 8.055 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

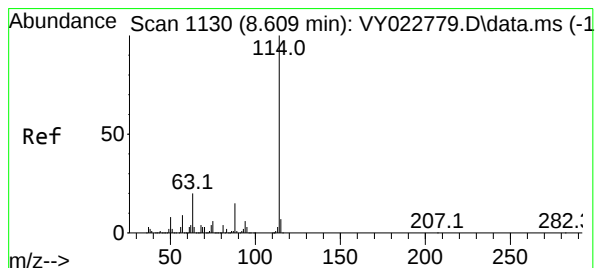
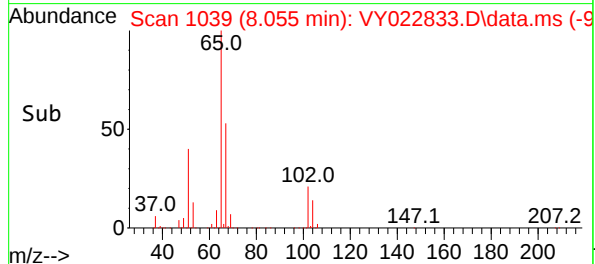
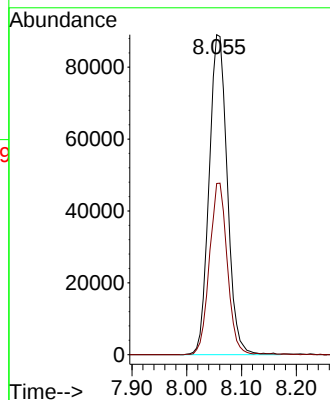
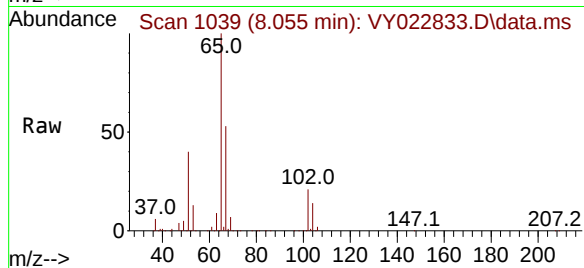
COMP-3

Tgt Ion: 65 Resp: 204407

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

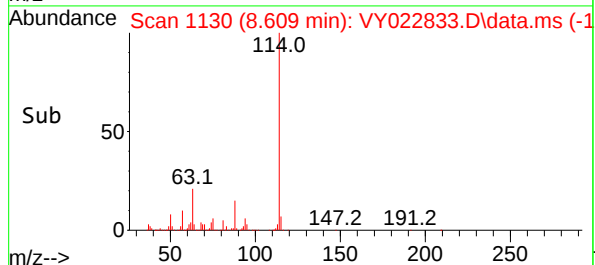
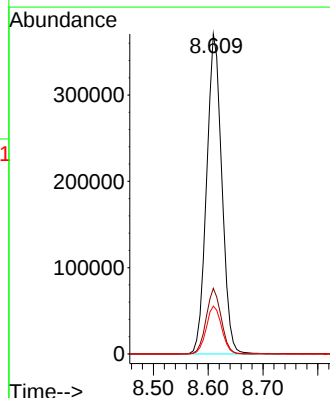
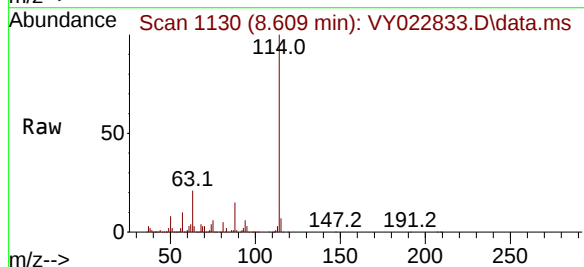
Tgt Ion:114 Resp: 712820

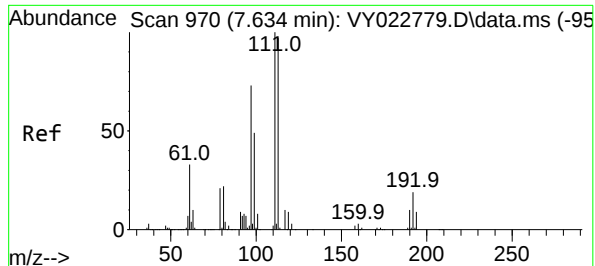
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 14.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 49.509 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

Instrument :

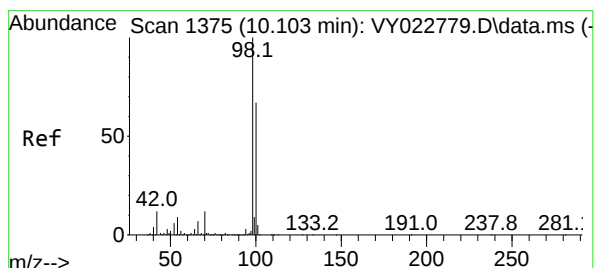
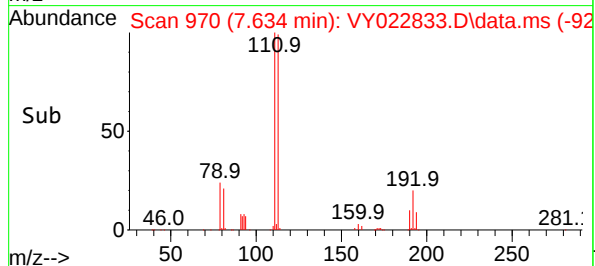
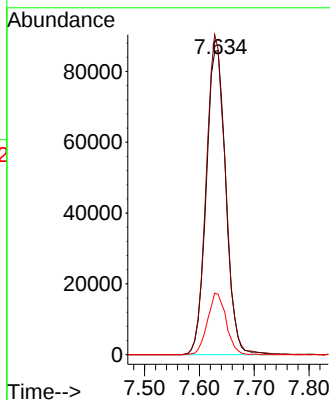
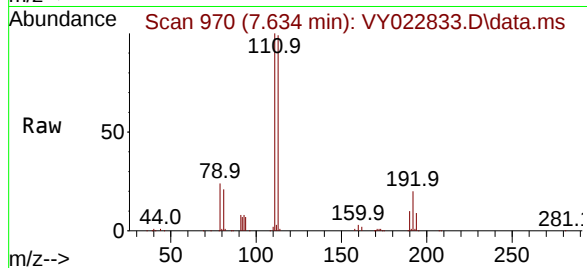
MSVOA_Y

ClientSampleId :

COMP-3

Tgt Ion:113 Resp: 214625

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	19.1	14.2	21.2



#50

Toluene-d8

Concen: 49.814 ug/l

RT: 10.103 min Scan# 1375

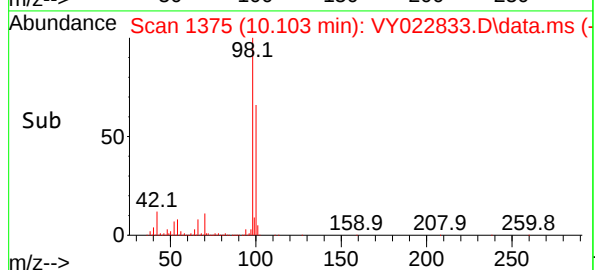
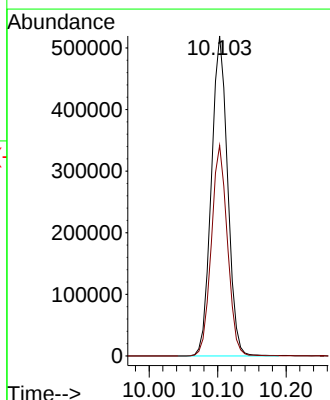
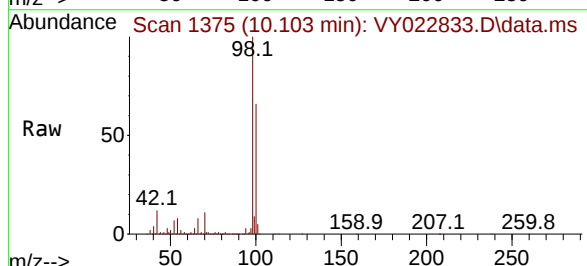
Delta R.T. -0.006 min

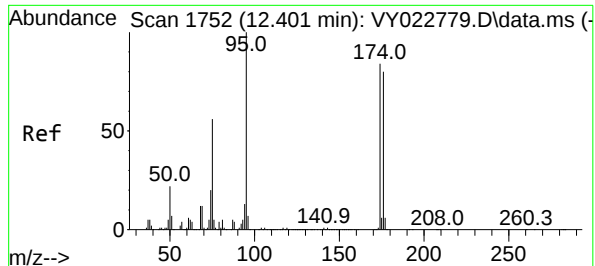
Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

Tgt Ion: 98 Resp: 856898

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 51.503 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

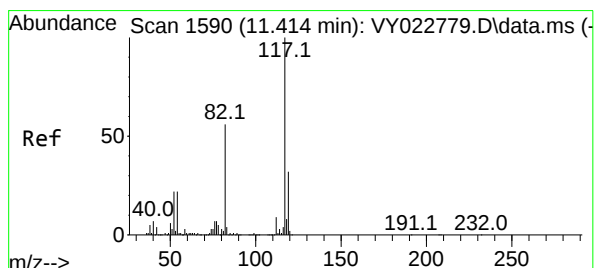
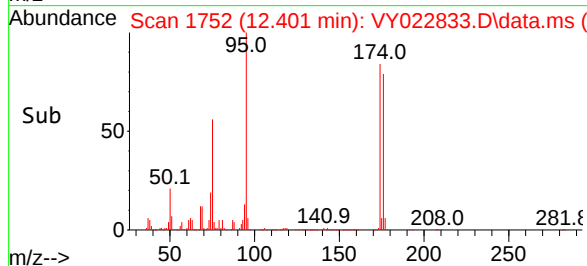
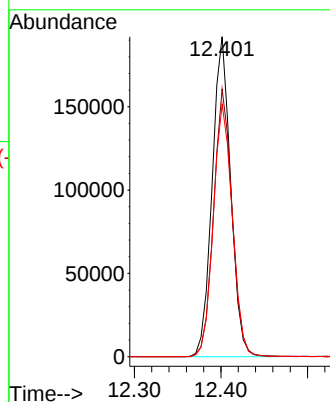
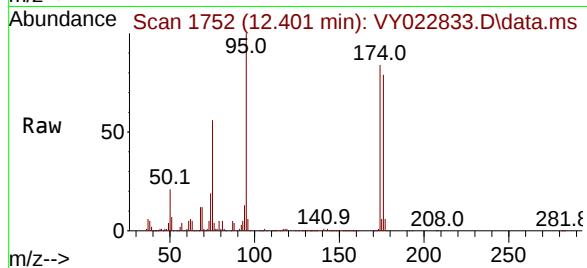
Tgt Ion: 95 Resp: 284808

Ion Ratio Lower Upper

95 100

174 83.5 0.0 170.0

176 81.3 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

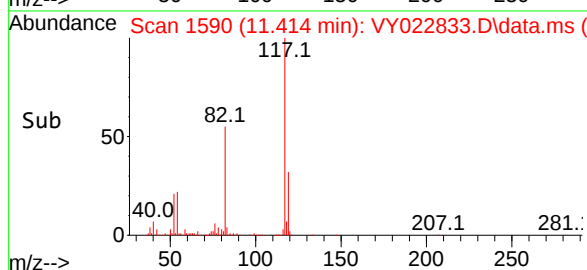
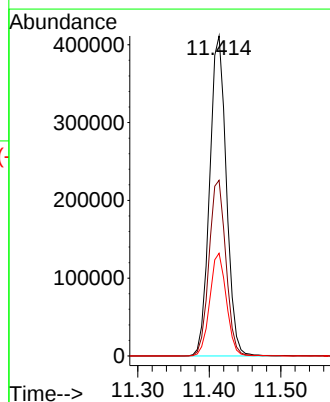
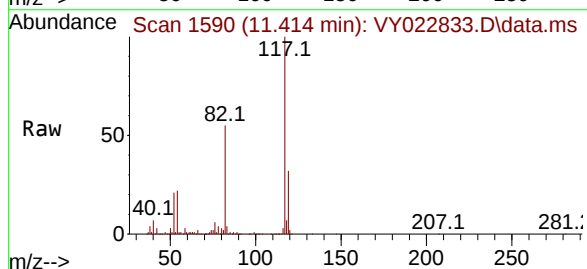
Tgt Ion: 117 Resp: 666622

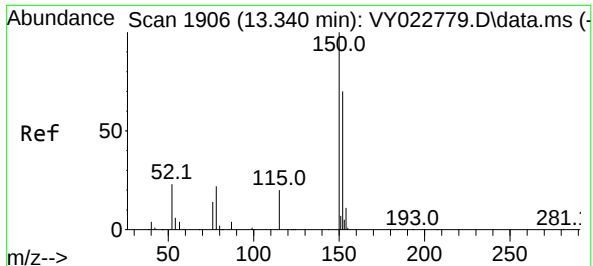
Ion Ratio Lower Upper

117 100

82 54.9 44.6 66.8

119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022833.D

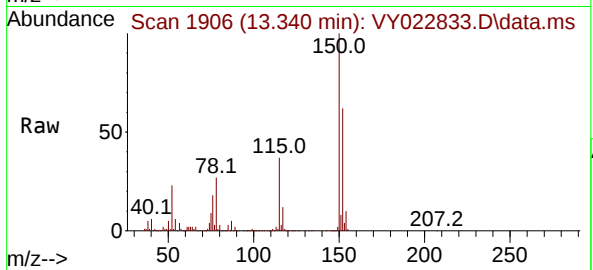
Acq: 25 Jun 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3



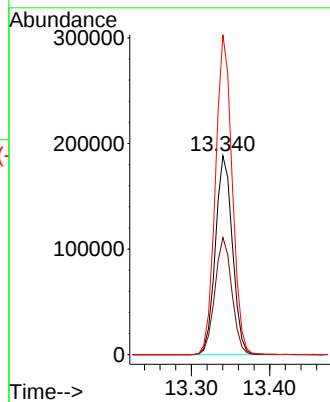
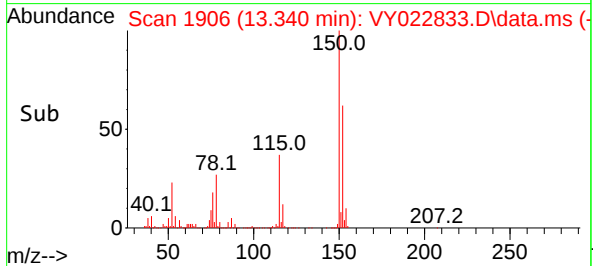
Tgt Ion:152 Resp: 284845

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.7

150 157.9 0.0 349.6





CALIBRATION SUMMARY



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: POWE02
 Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG No.: Q2425
 Instrument ID: MSVOA_Y Calibration Date(s): 06/23/2025 06/23/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 13:38 15:31
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF005 = VY022776.D		RRF010 = VY022777.D		RRF020 = VY022778.D		
		RRF050 = VY022779.D		RRF100 = VY022780.D		RRF150 = VY022781.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
cis-1,2-Dichloroethene	0.606	0.689	0.687	0.685	0.687	0.678	0.672	4.8
1,1,1-Trichloroethane	0.847	0.945	0.973	0.950	0.939	0.923	0.929	4.7
Benzene	1.248	1.433	1.451	1.464	1.467	1.440	1.417	5.9
Trichloroethene	0.305	0.364	0.382	0.372	0.360	0.350	0.356	7.6
Toluene	0.747	0.873	0.908	0.926	0.955	0.954	0.894	8.8
Ethyl Benzene	1.644	1.881	1.971	2.029	2.040	2.018	1.930	7.9
m/p-Xylenes	0.624	0.722	0.759	0.782	0.800	0.791	0.746	8.8
o-Xylene	0.578	0.674	0.708	0.734	0.759	0.765	0.703	10
Isopropylbenzene	3.354	3.764	3.823	3.778	3.709	3.759	3.698	4.7
1,2-Dichloroethane-d4	0.568	0.550	0.557	0.559	0.571	0.545	0.558	1.8
Dibromofluoromethane	0.306	0.297	0.295	0.304	0.314	0.308	0.304	2.3
Toluene-d8	1.182	1.148	1.186	1.215	1.262	1.247	1.207	3.6
4-Bromofluorobenzene	0.368	0.362	0.370	0.385	0.423	0.421	0.388	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.

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y062325S.M
 Title : SW846 8260
 Last Update : Tue Jun 24 08:29:52 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY022776.D 10 =VY022777.D 20 =VY022778.D 50 =VY022779.D 100 =VY022780.D 150 =VY022781.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.424	0.456	0.474	0.424	0.404	0.384	0.428	7.74
3) P	Chloromethane	0.837	0.921	0.865	0.793	0.758	0.724	0.816	8.89
4) C	Vinyl Chloride	0.934	1.099	1.091	1.045	0.993	0.958	1.020	6.78#
5) T	Bromomethane	0.784	0.885	0.854	0.771	0.760	0.756	0.802	6.77
6) T	Chloroethane	0.649	0.736	0.722	0.694	0.673	0.640	0.686	5.64
7) T	Trichlorofluor...	0.999	1.180	1.219	1.166	1.127	1.085	1.129	6.96
8) T	Diethyl Ether	0.260	0.289	0.287	0.285	0.281	0.271	0.279	3.93
9) T	1,1,2-Trichlor...	0.508	0.560	0.547	0.515	0.492	0.474	0.516	6.35
10) T	Methyl Iodide	0.451	0.542	0.567	0.626	0.611	0.575	0.562	11.12
11) T	Tert butyl alc...	0.034	0.037	0.038	0.038	0.039	0.036	0.037	4.97
12) CM	1,1-Dichloroet...	0.478	0.539	0.524	0.514	0.500	0.483	0.506	4.68#
13) T	Acrolein	0.052	0.051	0.053	0.049	0.049	0.047	0.050	4.22
14) T	Allyl chloride	0.687	0.803	0.805	0.797	0.790	0.789	0.778	5.80
15) T	Acrylonitrile	0.105	0.116	0.120	0.121	0.122	0.116	0.116	5.45
16) T	Acetone	0.117	0.124	0.114	0.095	0.096	0.087	0.105	13.91
17) T	Carbon Disulfide	1.516	1.705	1.731	1.667	1.625	1.566	1.635	5.06
18) T	Methyl Acetate	0.272	0.358	0.440	0.351	0.353	0.322	0.349	15.66
19) T	Methyl tert-bu...	1.173	1.398	1.396	1.435	1.460	1.405	1.378	7.50
20) T	Methylene Chlo...	0.840	0.777	0.664	0.590	0.578	0.548	0.666	17.74
21) T	trans-1,2-Dich...	0.521	0.604	0.597	0.592	0.581	0.575	0.578	5.19
22) T	Diisopropyl ether	1.460	1.762	1.779	1.789	1.804	1.778	1.729	7.65
23) T	Vinyl Acetate	0.830	0.942	0.920	1.010	1.024	1.003	0.955	7.72
24) P	1,1-Dichloroet...	0.949	1.075	1.079	1.077	1.055	1.030	1.044	4.83
25) T	2-Butanone	0.145	0.160	0.160	0.153	0.156	0.147	0.154	4.37
26) T	2,2-Dichloropr...	0.801	0.930	0.927	0.884	0.863	0.847	0.875	5.65
27) T	cis-1,2-Dichlo...	0.606	0.689	0.687	0.685	0.687	0.678	0.672	4.84
28) T	Bromochloromet...	0.437	0.431	0.437	0.459	0.443	0.427	0.439	2.59
29) T	Tetrahydrofuran	0.087	0.095	0.098	0.102	0.103	0.097	0.097	6.02
30) C	Chloroform	0.986	1.130	1.099	1.096	1.084	1.059	1.076	4.60#
31) T	Cyclohexane	0.998	1.021	0.988	0.946	0.905	0.894	0.959	5.41
32) T	1,1,1-Trichlor...	0.847	0.945	0.973	0.950	0.939	0.923	0.929	4.68
33) S	1,2-Dichloroet...	0.568	0.550	0.557	0.559	0.571	0.545	0.558	1.77
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.306	0.297	0.295	0.304	0.314	0.308	0.304	2.31
36) T	1,1-Dichloropr...	0.420	0.473	0.472	0.469	0.468	0.465	0.461	4.42
37) T	Ethyl Acetate	0.181	0.198	0.198	0.206	0.210	0.200	0.199	5.09
38) T	Carbon Tetrach...	0.439	0.498	0.507	0.491	0.492	0.491	0.486	4.98
39) T	Methylcyclohexane	0.543	0.589	0.610	0.618	0.608	0.611	0.596	4.65
40) TM	Benzene	1.248	1.433	1.451	1.464	1.467	1.440	1.417	5.92
41) T	Methacrylonitrile	0.118	0.137	0.129	0.120	0.108	0.123	0.122	8.16
42) TM	1,2-Dichloroet...	0.335	0.397	0.402	0.400	0.404	0.392	0.388	6.79
43) T	Isopropyl Acetate	0.348	0.408	0.424	0.436	0.442	0.424	0.413	8.29
44) TM	Trichloroethene	0.305	0.364	0.382	0.372	0.360	0.350	0.356	7.60
45) C	1,2-Dichloropr...	0.289	0.339	0.345	0.339	0.341	0.337	0.332	6.35#
46) T	Dibromomethane	0.169	0.193	0.192	0.191	0.194	0.190	0.188	4.94
47) T	Bromodichlorom...	0.422	0.495	0.496	0.498	0.504	0.498	0.485	6.40
48) T	Methyl methacr...	0.151	0.193	0.208	0.214	0.219	0.207	0.199	12.57
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.51
50) S	Toluene-d8	1.182	1.148	1.186	1.215	1.262	1.247	1.207	3.57
51) T	4-Methyl-2-Pen...	0.168	0.201	0.215	0.226	0.230	0.221	0.210	10.86
52) CM	Toluene	0.747	0.873	0.908	0.926	0.955	0.954	0.894	8.76#
53) T	t-1,3-Dichloro...	0.355	0.430	0.438	0.451	0.473	0.473	0.437	10.03
54) T	cis-1,3-Dichlo...	0.412	0.503	0.523	0.524	0.540	0.538	0.506	9.55
55) T	1,1,2-Trichlor...	0.207	0.249	0.249	0.253	0.255	0.250	0.244	7.40
56) T	Ethyl methacry...	0.258	0.296	0.315	0.354	0.372	0.374	0.328	14.17

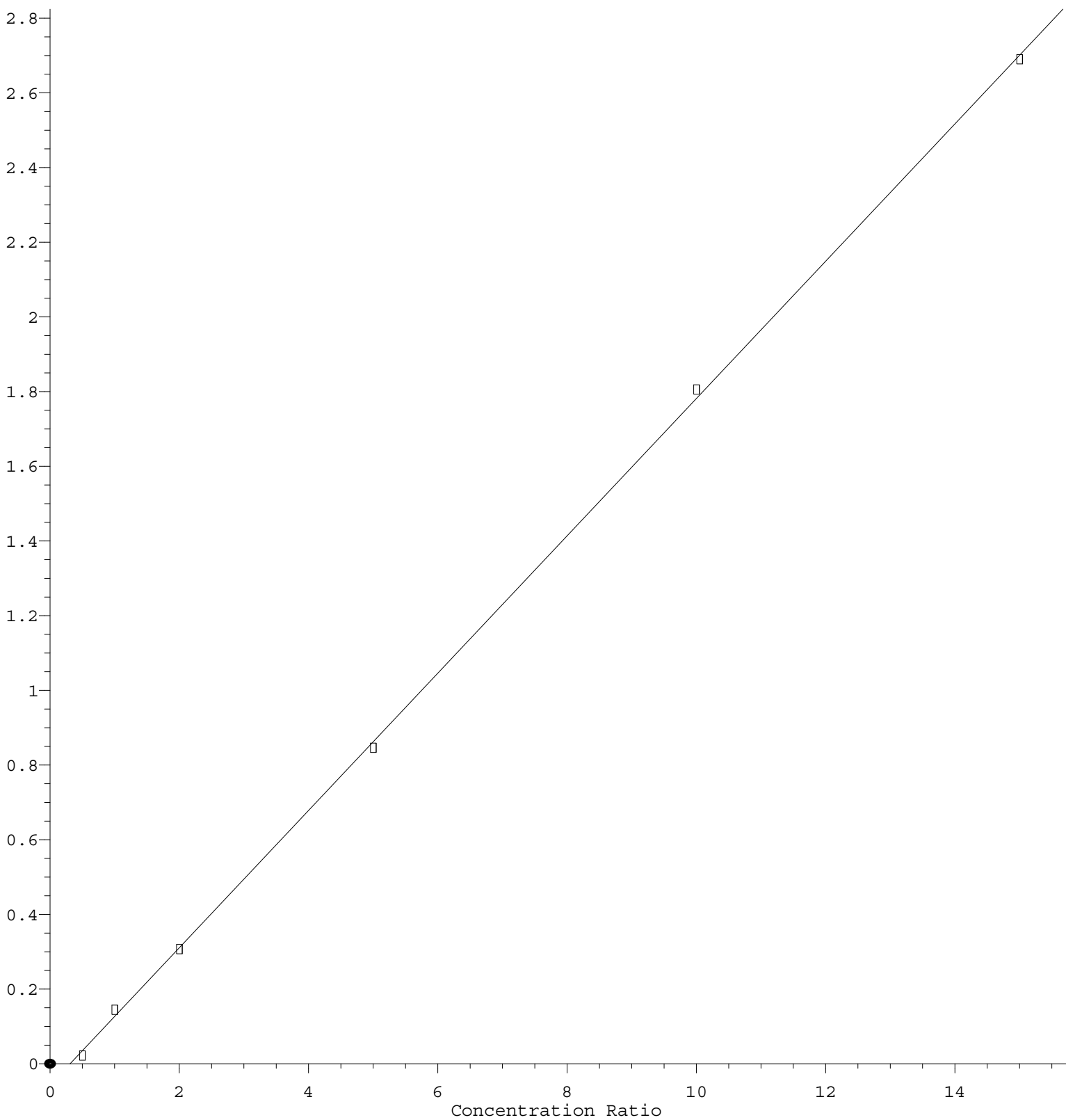
Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y062325S.M

57)	T	1,3-Dichloropr...	0.371	0.428	0.439	0.438	0.442	0.433	0.425	6.39
58)	T	2-Chloroethyl ...	0.044	0.145	0.154	0.169	0.181	0.179	0.145	35.44
59)	T	2-Hexanone	0.115	0.140	0.145	0.151	0.157	0.149	0.143	10.48
60)	T	Dibromochlorom...	0.260	0.315	0.321	0.329	0.336	0.329	0.315	8.82
61)	T	1,2-Dibromoethane	0.193	0.231	0.229	0.237	0.244	0.236	0.228	7.81
62)	S	4-Bromofluorob...	0.368	0.362	0.370	0.385	0.423	0.421	0.388	7.02
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.399	0.465	0.535	0.515	0.473	0.446	0.472	10.30
65)	PM	Chlorobenzene	0.981	1.110	1.131	1.126	1.130	1.114	1.099	5.30
66)	T	1,1,1,2-Tetrac...	0.315	0.377	0.377	0.385	0.393	0.386	0.372	7.76
67)	C	Ethyl Benzene	1.644	1.881	1.971	2.029	2.040	2.018	1.930	7.88#
68)	T	m/p-Xylenes	0.624	0.722	0.759	0.782	0.800	0.791	0.746	8.85
69)	T	o-Xylene	0.578	0.674	0.708	0.734	0.759	0.765	0.703	9.99
70)	T	Styrene	0.926	1.108	1.165	1.249	1.309	1.309	1.178	12.49
71)	P	Bromoform	0.178	0.204	0.203	0.212	0.225	0.220	0.207	8.02
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.354	3.764	3.823	3.778	3.709	3.759	3.698	4.67
74)	T	N-amyl acetate	0.680	0.794	0.814	0.897	0.896	0.900	0.830	10.47
75)	P	1,1,2,2-Tetrac...	0.597	0.659	0.566	0.567	0.594	0.593	0.596	5.65
76)	T	1,2,3-Trichlor...	0.559	0.516	0.514	0.510	0.489	0.474	0.510	5.67
77)	T	Bromobenzene	0.762	0.859	0.854	0.852	0.847	0.855	0.838	4.46
78)	T	n-propylbenzene	4.147	4.548	4.635	4.562	4.453	4.444	4.465	3.84
79)	T	2-Chlorotoluene	2.325	2.536	2.601	2.576	2.556	2.541	2.522	3.95
80)	T	1,3,5-Trimethy...	2.664	2.991	3.077	3.062	3.068	3.049	2.985	5.37
81)	T	trans-1,4-Dich...	0.179	0.208	0.210	0.199	0.212	0.205	0.202	5.96
82)	T	4-Chlorotoluene	2.411	2.686	2.688	2.697	2.718	2.698	2.650	4.43
83)	T	tert-Butylbenzene	2.410	2.643	2.647	2.720	2.670	2.706	2.633	4.31
84)	T	1,2,4-Trimethy...	2.551	3.002	3.081	3.098	3.101	3.099	2.989	7.28
85)	T	sec-Butylbenzene	3.629	3.998	4.083	4.097	4.016	3.943	3.961	4.35
86)	T	p-Isopropyltol...	2.887	3.282	3.338	3.414	3.442	3.415	3.296	6.34
87)	T	1,3-Dichlorobe...	1.546	1.660	1.692	1.708	1.750	1.744	1.683	4.47
88)	T	1,4-Dichlorobe...	1.564	1.740	1.688	1.685	1.690	1.666	1.672	3.50
89)	T	n-Butylbenzene	2.814	3.124	3.194	3.204	3.160	3.107	3.101	4.69
90)	T	Hexachloroethane	0.618	0.664	0.670	0.673	0.654	0.659	0.657	3.04
91)	T	1,2-Dichlorobe...	1.395	1.488	1.502	1.499	1.515	1.502	1.483	3.00
92)	T	1,2-Dibromo-3-...	0.102	0.101	0.103	0.103	0.102	0.096	0.101	2.72
93)	T	1,2,4-Trichlor...	0.778	0.841	0.848	0.843	0.871	0.845	0.838	3.74
94)	T	Hexachlorobuta...	0.516	0.499	0.489	0.464	0.449	0.424	0.474	7.22
95)	T	Naphthalene	1.240	1.383	1.516	1.599	1.696	1.655	1.515	11.53
96)	T	1,2,3-Trichlor...	0.679	0.723	0.735	0.728	0.751	0.727	0.724	3.31

(#) = Out of Range

2-Chloroethyl Vinyl ether

Response Ratio



$$\text{Response} = 1.839\text{e-}001 * \text{Amt} - 5.758\text{e-}002$$

Coef of Det (r^2) = 0.999746 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y062325S.M

Calibration Table Last Updated: Tue Jun 24 08:29:52 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022776.D
 Acq On : 23 Jun 2025 13:38
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:49:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	475810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	805517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	670807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	304230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27016	5.087	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.180%#		
35) Dibromofluoromethane	7.634	113	24664	5.035	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.060%#		
50) Toluene-d8	10.103	98	95214	4.898	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.800%#		
62) 4-Bromofluorobenzene	12.402	95	29609	4.738	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.480%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20158	4.954	ug/l	98
3) Chloromethane	2.068	50	39810	5.124	ug/l	97
4) Vinyl Chloride	2.202	62	44450	4.579	ug/l	98
5) Bromomethane	2.598	94	37327	4.892	ug/l	95
6) Chloroethane	2.732	64	30869	4.731	ug/l	99
7) Trichlorofluoromethane	3.056	101	47536	4.423	ug/l	99
8) Diethyl Ether	3.458	74	12389	4.667	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	24158	4.919	ug/l	98
10) Methyl Iodide	4.001	142	21456	4.012	ug/l	99
11) Tert butyl alcohol	4.866	59	8018	22.707	ug/l	96
12) 1,1-Dichloroethene	3.787	96	22737	4.721	ug/l	98
13) Acrolein	3.653	56	12383	25.861	ug/l	94
14) Allyl chloride	4.379	41	32705	4.415	ug/l	99
15) Acrylonitrile	5.061	53	24866	22.452	ug/l	99
16) Acetone	3.873	43	27862	27.758	ug/l	97
17) Carbon Disulfide	4.104	76	72112	4.635	ug/l	100
18) Methyl Acetate	4.385	43	12955	3.897	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	55836	4.258	ug/l	100
20) Methylene Chloride	4.616	84	39953	6.303	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	24796	4.505	ug/l	84
22) Diisopropyl ether	6.012	45	69481	4.223	ug/l #	86
23) Vinyl Acetate	5.958	43	197369	21.723	ug/l	99
24) 1,1-Dichloroethane	5.909	63	45142	4.543	ug/l	99
25) 2-Butanone	6.902	43	34396	23.545	ug/l	93
26) 2,2-Dichloropropane	6.884	77	38104	4.574	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	28846	4.510	ug/l	96
28) Bromochloromethane	7.244	49	20781	4.974	ug/l	99
29) Tetrahydrofuran	7.262	42	20593	22.324	ug/l	96
30) Chloroform	7.421	83	46913	4.584	ug/l	97
31) Cyclohexane	7.701	56	47489	5.206	ug/l #	78
32) 1,1,1-Trichloroethane	7.616	97	40296	4.556	ug/l	99
36) 1,1-Dichloropropene	7.829	75	33812	4.554	ug/l	100
37) Ethyl Acetate	6.988	43	14555	4.543	ug/l	98
38) Carbon Tetrachloride	7.823	117	35332	4.510	ug/l	99
39) Methylcyclohexane	9.109	83	43762	4.554	ug/l	96
40) Benzene	8.079	78	100522	4.403	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022776.D
 Acq On : 23 Jun 2025 13:38
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:49:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	9489m	4.694	ug/l	
42) 1,2-Dichloroethane	8.152	62	27003	4.316	ug/l	97
43) Isopropyl Acetate	8.201	43	28001	4.205	ug/l	99
44) Trichloroethene	8.866	130	24585	4.289	ug/l	95
45) 1,2-Dichloropropane	9.140	63	23279	4.357	ug/l	95
46) Dibromomethane	9.231	93	13652	4.501	ug/l	96
47) Bromodichloromethane	9.420	83	34024	4.350	ug/l	97
48) Methyl methacrylate	9.219	41	12155	3.797	ug/l	98
49) 1,4-Dioxane	9.231	88	3000	83.716	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	67853	20.050	ug/l	96
52) Toluene	10.170	92	60162	4.177	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	28590	4.063	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	33149	4.063	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	16701	4.252	ug/l	93
56) Ethyl methacrylate	10.438	69	20761	3.929	ug/l	96
57) 1,3-Dichloropropane	10.713	76	29874	4.360	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	17827	21.672	ug/l	98
59) 2-Hexanone	10.755	43	46132	20.050	ug/l	96
60) Dibromochloromethane	10.908	129	20962	4.132	ug/l	99
61) 1,2-Dibromoethane	11.012	107	15579	4.239	ug/l	99
64) Tetrachloroethene	10.640	164	26784	4.227	ug/l	97
65) Chlorobenzene	11.438	112	65810	4.465	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	21097	4.226	ug/l	99
67) Ethyl Benzene	11.518	91	110258	4.257	ug/l	98
68) m/p-Xylenes	11.621	106	83728	8.364	ug/l	98
69) o-Xylene	11.950	106	38740	4.107	ug/l	98
70) Styrene	11.963	104	62104	3.930	ug/l	99
71) Bromoform	12.127	173	11959	4.302	ug/l #	99
73) Isopropylbenzene	12.249	105	102024	4.534	ug/l	99
74) N-amyl acetate	12.066	43	20685	4.096	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.499	83	18149	5.005	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	17021m	5.313	ug/l	
77) Bromobenzene	12.530	156	23191	4.547	ug/l	98
78) n-propylbenzene	12.590	91	126153	4.644	ug/l	97
79) 2-Chlorotoluene	12.676	91	70735	4.609	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	81045	4.462	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	5453	4.436	ug/l	93
82) 4-Chlorotoluene	12.773	91	73344	4.549	ug/l	99
83) tert-Butylbenzene	12.993	119	73316	4.577	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	77619	4.268	ug/l	98
85) sec-Butylbenzene	13.170	105	110395	4.580	ug/l	99
86) p-Isopropyltoluene	13.285	119	87840	4.380	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	47028	4.591	ug/l	100
88) 1,4-Dichlorobenzene	13.359	146	47574	4.676	ug/l	92
89) n-Butylbenzene	13.615	91	85615	4.538	ug/l	99
90) Hexachloroethane	13.871	117	18815	4.710	ug/l	100
91) 1,2-Dichlorobenzene	13.651	146	42426	4.700	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3105	5.049	ug/l	90
93) 1,2,4-Trichlorobenzene	14.913	180	23654	4.641	ug/l	99
94) Hexachlorobutadiene	15.017	225	15690	5.444	ug/l	98
95) Naphthalene	15.139	128	37712	4.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20664	4.692	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022776.D
Acq On : 23 Jun 2025 13:38
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:49:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

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

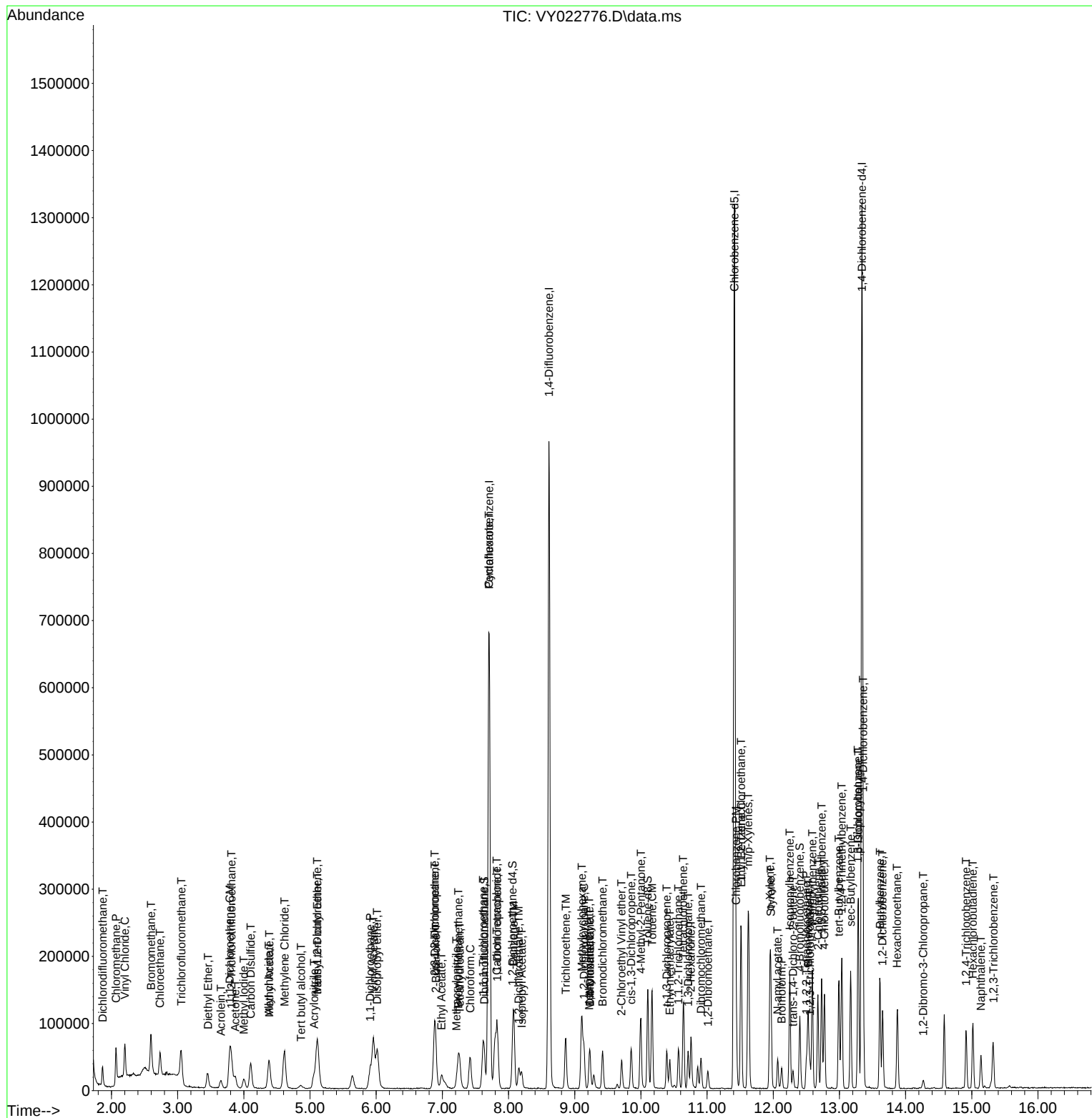
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022776.D
Acq On : 23 Jun 2025 13:38
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:49:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022777.D
 Acq On : 23 Jun 2025 14:00
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:50:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	463035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	781463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	664424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	310897	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	50892	9.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.700%#
35) Dibromofluoromethane	7.628	113	46399	9.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.520%#
50) Toluene-d8	10.103	98	179425	9.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.020%#
62) 4-Bromofluorobenzene	12.401	95	56575	9.332	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.660%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	42214	10.662	ug/l	94
3) Chloromethane	2.068	50	85337	11.287	ug/l	95
4) Vinyl Chloride	2.202	62	101774	10.775	ug/l	99
5) Bromomethane	2.592	94	81985	11.040	ug/l	98
6) Chloroethane	2.732	64	68123	10.729	ug/l	97
7) Trichlorofluoromethane	3.049	101	109310	10.451	ug/l	99
8) Diethyl Ether	3.452	74	26729	10.347	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	51901	10.858	ug/l	98
10) Methyl Iodide	3.994	142	50149	9.637	ug/l	99
11) Tert butyl alcohol	4.860	59	17351	50.493	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	49870	10.641	ug/l	94
13) Acrolein	3.653	56	23603	50.654	ug/l	96
14) Allyl chloride	4.385	41	74349	10.314	ug/l	100
15) Acrylonitrile	5.055	53	53484	49.623	ug/l	97
16) Acetone	3.866	43	57265	58.626	ug/l	97
17) Carbon Disulfide	4.104	76	157862	10.426	ug/l	96
18) Methyl Acetate	4.385	43	33123	10.240	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	129453	10.144	ug/l	97
20) Methylene Chloride	4.610	84	71926	11.660	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	55933	10.442	ug/l	93
22) Diisopropyl ether	6.012	45	163202	10.194	ug/l #	90
23) Vinyl Acetate	5.957	43	436202	49.334	ug/l	99
24) 1,1-Dichloroethane	5.909	63	99575	10.297	ug/l	99
25) 2-Butanone	6.896	43	74304	52.267	ug/l	98
26) 2,2-Dichloropropane	6.884	77	86121	10.624	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	63822	10.254	ug/l	98
28) Bromochloromethane	7.244	49	39901	9.815	ug/l	99
29) Tetrahydrofuran	7.256	42	44155	49.188	ug/l	99
30) Chloroform	7.415	83	104609	10.503	ug/l	100
31) Cyclohexane	7.695	56	94507	10.647	ug/l #	96
32) 1,1,1-Trichloroethane	7.616	97	87498	10.166	ug/l	98
36) 1,1-Dichloropropene	7.835	75	73869	10.254	ug/l	99
37) Ethyl Acetate	6.982	43	30940	9.953	ug/l	99
38) Carbon Tetrachloride	7.817	117	77817	10.238	ug/l	96
39) Methylcyclohexane	9.103	83	92069	9.876	ug/l	96
40) Benzene	8.073	78	223979	10.113	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022777.D
 Acq On : 23 Jun 2025 14:00
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:50:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	21459m	10.943	ug/l	
42) 1,2-Dichloroethane	8.152	62	62006	10.217	ug/l	98
43) Isopropyl Acetate	8.195	43	63693	9.859	ug/l	97
44) Trichloroethene	8.866	130	56947	10.241	ug/l	98
45) 1,2-Dichloropropane	9.140	63	53045	10.233	ug/l	94
46) Dibromomethane	9.225	93	30124	10.237	ug/l	96
47) Bromodichloromethane	9.420	83	77307	10.188	ug/l	99
48) Methyl methacrylate	9.219	41	30168	9.713	ug/l	99
49) 1,4-Dioxane	9.225	88	6781	195.052	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	156769	47.750	ug/l	99
52) Toluene	10.164	92	136520	9.771	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	67233	9.848	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	78622	9.932	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	38897	10.208	ug/l	97
56) Ethyl methacrylate	10.438	69	46228	9.018	ug/l	98
57) 1,3-Dichloropropane	10.713	76	66930	10.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	113045	54.985	ug/l	100
59) 2-Hexanone	10.755	43	109594	49.099	ug/l	98
60) Dibromochloromethane	10.908	129	49185	9.994	ug/l	99
61) 1,2-Dibromoethane	11.011	107	36029	10.105	ug/l	98
64) Tetrachloroethene	10.646	164	61796	9.845	ug/l	95
65) Chlorobenzene	11.438	112	147476	10.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	50032	10.118	ug/l	100
67) Ethyl Benzene	11.511	91	249925	9.743	ug/l	98
68) m/p-Xylenes	11.627	106	191878	19.351	ug/l	99
69) o-Xylene	11.950	106	89531	9.582	ug/l	100
70) Styrene	11.963	104	147196	9.405	ug/l	99
71) Bromoform	12.127	173	27105	9.844	ug/l #	98
73) Isopropylbenzene	12.249	105	234034	10.179	ug/l	99
74) N-amyl acetate	12.066	43	49341	9.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40964	11.054	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	32074m	9.797	ug/l	
77) Bromobenzene	12.523	156	53437	10.253	ug/l	98
78) n-propylbenzene	12.590	91	282781	10.186	ug/l	99
79) 2-Chlorotoluene	12.676	91	157704	10.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	186006	10.021	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	12937	10.297	ug/l	95
82) 4-Chlorotoluene	12.773	91	166997	10.137	ug/l	98
83) tert-Butylbenzene	12.993	119	164329	10.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	186662	10.045	ug/l	99
85) sec-Butylbenzene	13.170	105	248568	10.092	ug/l	99
86) p-Isopropyltoluene	13.285	119	204047	9.955	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	103200	9.860	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	108198	10.406	ug/l	98
89) n-Butylbenzene	13.609	91	194233	10.075	ug/l	98
90) Hexachloroethane	13.877	117	41277	10.111	ug/l	99
91) 1,2-Dichlorobenzene	13.651	146	92518	10.030	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6258	9.958	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	52305	10.043	ug/l	99
94) Hexachlorobutadiene	15.017	225	31049	10.543	ug/l	100
95) Naphthalene	15.139	128	85996	9.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	44944	9.987	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022777.D
Acq On : 23 Jun 2025 14:00
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:50:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

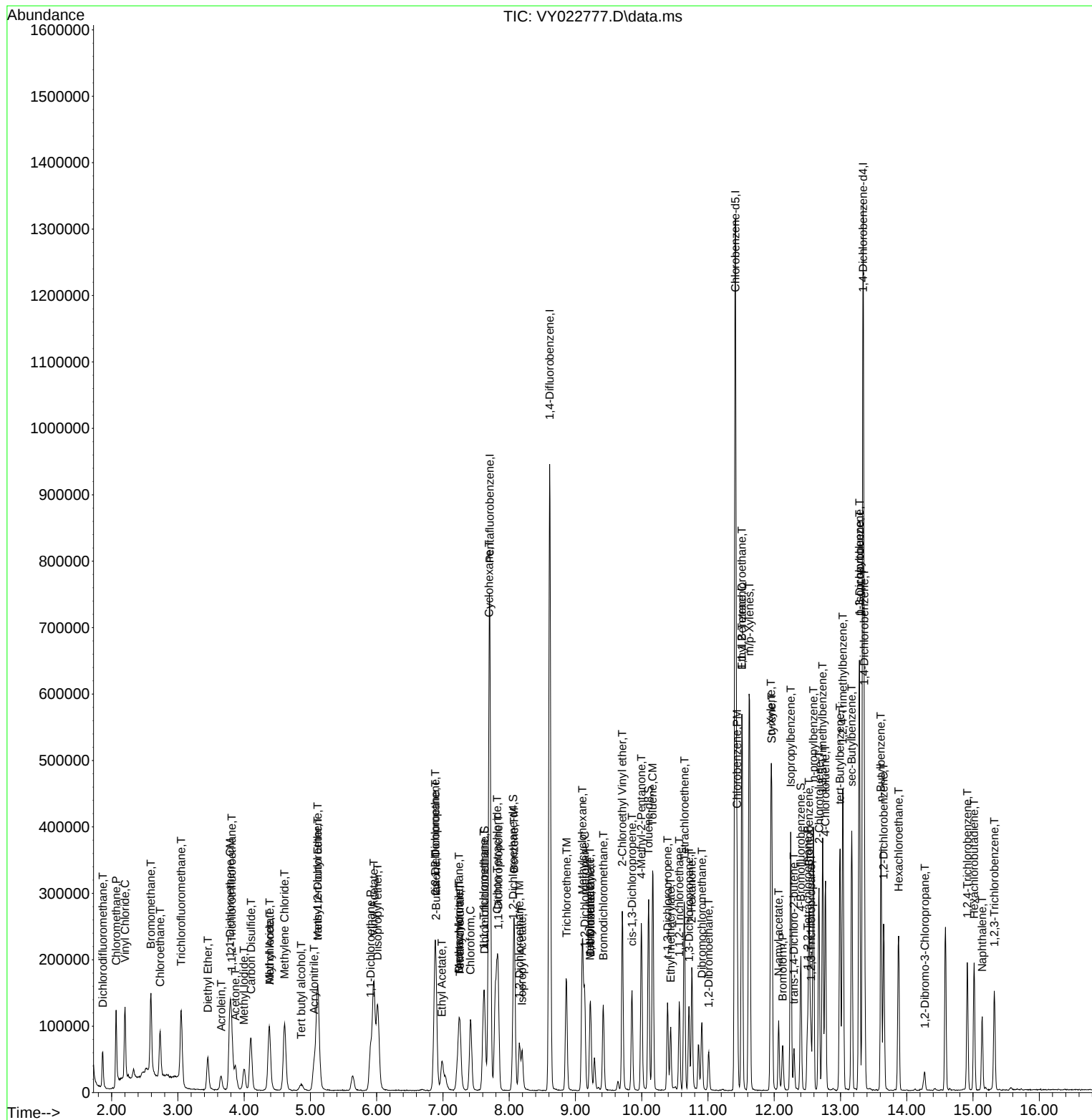
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022778.D
 Acq On : 23 Jun 2025 14:23
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:51:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	466622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	781920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	668589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	321641	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	103895	19.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.900%#
35) Dibromofluoromethane	7.628	113	92378	19.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.860%#
50) Toluene-d8	10.103	98	370864	19.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.300%#
62) 4-Bromofluorobenzene	12.402	95	115617	19.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	88527	22.187	ug/l	96
3) Chloromethane	2.062	50	161461	21.191	ug/l	97
4) Vinyl Chloride	2.196	62	203692	21.399	ug/l	98
5) Bromomethane	2.580	94	159406	21.301	ug/l	100
6) Chloroethane	2.727	64	134813	21.069	ug/l	95
7) Trichlorofluoromethane	3.044	101	227500	21.584	ug/l	97
8) Diethyl Ether	3.452	74	53531	20.563	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	102158	21.209	ug/l	99
10) Methyl Iodide	3.995	142	105737	20.162	ug/l	99
11) Tert butyl alcohol	4.854	59	35575	102.731	ug/l	99
12) 1,1-Dichloroethene	3.781	96	97726	20.691	ug/l	93
13) Acrolein	3.647	56	49556	105.534	ug/l	97
14) Allyl chloride	4.373	41	150283	20.687	ug/l	100
15) Acrylonitrile	5.049	53	112031	103.145	ug/l	99
16) Acetone	3.867	43	106379	108.071	ug/l	94
17) Carbon Disulfide	4.092	76	323087	21.175	ug/l	98
18) Methyl Acetate	4.379	43	82088	25.182	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	260531	20.258	ug/l	99
20) Methylene Chloride	4.610	84	123947	19.939	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	111517	20.659	ug/l	94
22) Diisopropyl ether	6.013	45	331999	20.578	ug/l	96
23) Vinyl Acetate	5.952	43	858731	96.375	ug/l	99
24) 1,1-Dichloroethane	5.909	63	201445	20.671	ug/l	99
25) 2-Butanone	6.890	43	149196	104.140	ug/l	100
26) 2,2-Dichloropropane	6.878	77	173008	21.179	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	128206	20.439	ug/l	99
28) Bromochloromethane	7.238	49	81625	19.923	ug/l	99
29) Tetrahydrofuran	7.256	42	91536	101.186	ug/l	98
30) Chloroform	7.415	83	205035	20.428	ug/l	95
31) Cyclohexane	7.695	56	184362	20.610	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	181573	20.934	ug/l	99
36) 1,1-Dichloropropene	7.829	75	147625	20.481	ug/l	99
37) Ethyl Acetate	6.982	43	62062	19.954	ug/l	98
38) Carbon Tetrachloride	7.811	117	158707	20.868	ug/l	97
39) Methylcyclohexane	9.103	83	190778	20.453	ug/l	95
40) Benzene	8.079	78	453686	20.472	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022778.D
 Acq On : 23 Jun 2025 14:23
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:51:45 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M

Quant Title : SW846 8260

QLast Update : Tue Jun 24 02:48:20 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	40422m	20.600	ug/l	
42) 1,2-Dichloroethane	8.152	62	125873	20.728	ug/l	100
43) Isopropyl Acetate	8.195	43	132526	20.501	ug/l	99
44) Trichloroethene	8.860	130	119612	21.498	ug/l	97
45) 1,2-Dichloropropane	9.134	63	107803	20.785	ug/l	100
46) Dibromomethane	9.225	93	60151	20.430	ug/l	100
47) Bromodichloromethane	9.420	83	155066	20.424	ug/l	99
48) Methyl methacrylate	9.219	41	65108	20.951	ug/l	99
49) 1,4-Dioxane	9.219	88	14738	423.683	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	335542	102.143	ug/l	99
52) Toluene	10.164	92	284109	20.321	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	137096	20.069	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	163425	20.633	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	77767	20.398	ug/l	96
56) Ethyl methacrylate	10.439	69	98608	19.224	ug/l	98
57) 1,3-Dichloropropane	10.713	76	137448	20.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	240143	99.154	ug/l	99
59) 2-Hexanone	10.756	43	226399	101.369	ug/l	100
60) Dibromochloromethane	10.908	129	100360	20.380	ug/l	99
61) 1,2-Dibromoethane	11.012	107	71565	20.059	ug/l	99
64) Tetrachloroethene	10.640	164	143038	22.646	ug/l	97
65) Chlorobenzene	11.438	112	302372	20.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	100839	20.265	ug/l	99
67) Ethyl Benzene	11.512	91	527080	20.420	ug/l	97
68) m/p-Xylenes	11.621	106	405724	40.662	ug/l	99
69) o-Xylene	11.950	106	189409	20.146	ug/l	100
70) Styrene	11.963	104	311610	19.787	ug/l	99
71) Bromoform	12.127	173	54365	19.622	ug/l #	99
73) Isopropylbenzene	12.249	105	491885	20.678	ug/l	99
74) N-amyl acetate	12.066	43	104745	19.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	72880	19.010	ug/l	100
76) 1,2,3-Trichloropropane	12.548	75	66146m	19.529	ug/l	
77) Bromobenzene	12.530	156	109855	20.375	ug/l	98
78) n-propylbenzene	12.591	91	596356	20.765	ug/l	100
79) 2-Chlorotoluene	12.676	91	334595	20.620	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	395821	20.613	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	26956	20.739	ug/l	97
82) 4-Chlorotoluene	12.774	91	345875	20.293	ug/l	99
83) tert-Butylbenzene	12.993	119	340561	20.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	396401	20.618	ug/l	100
85) sec-Butylbenzene	13.170	105	525353	20.618	ug/l	100
86) p-Isopropyltoluene	13.286	119	429419	20.252	ug/l	99
87) 1,3-Dichlorobenzene	13.280	146	217684	20.103	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	217184	20.191	ug/l	98
89) n-Butylbenzene	13.609	91	410986	20.605	ug/l	99
90) Hexachloroethane	13.871	117	86261	20.425	ug/l	95
91) 1,2-Dichlorobenzene	13.651	146	193285	20.255	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13274	20.417	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	109060	20.242	ug/l	99
94) Hexachlorobutadiene	15.017	225	62946	20.660	ug/l	97
95) Naphthalene	15.139	128	195013	20.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	94536	20.305	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022778.D
Acq On : 23 Jun 2025 14:23
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:51:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

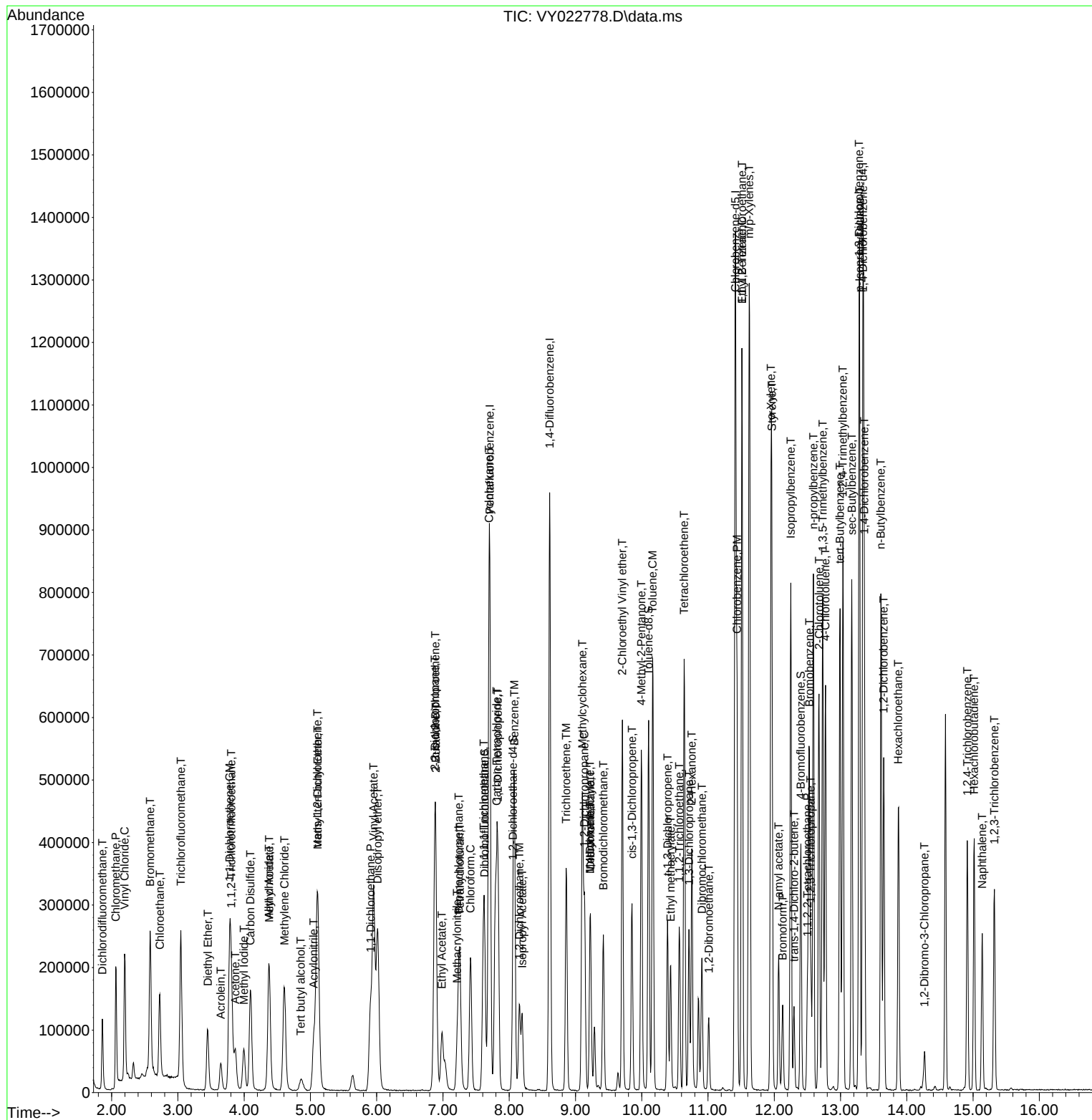
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022779.D
 Acq On : 23 Jun 2025 14:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:52:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	466305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	785509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	682333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	344728	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	260449	50.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.634	113	238601	49.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.103	98	954176	50.336	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.401	95	302230	49.596	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.200%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	197658	49.571	ug/l	100
3) Chloromethane	2.062	50	369888	48.580	ug/l	100
4) Vinyl Chloride	2.196	62	487333	51.231	ug/l	100
5) Bromomethane	2.586	94	359349	48.052	ug/l	100
6) Chloroethane	2.726	64	323583	50.606	ug/l	100
7) Trichlorofluoromethane	3.043	101	543608	51.610	ug/l	100
8) Diethyl Ether	3.452	74	132997	51.123	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	240341	49.930	ug/l	100
10) Methyl Iodide	3.994	142	292108	55.737	ug/l	100
11) Tert butyl alcohol	4.860	59	89018	257.234	ug/l	100
12) 1,1-Dichloroethene	3.781	96	239818	50.810	ug/l	100
13) Acrolein	3.647	56	115313	245.735	ug/l	100
14) Allyl chloride	4.378	41	371698	51.200	ug/l	100
15) Acrylonitrile	5.049	53	281372	259.229	ug/l	100
16) Acetone	3.866	43	222401	226.091	ug/l	100
17) Carbon Disulfide	4.098	76	777454	50.988	ug/l	100
18) Methyl Acetate	4.378	43	163588	50.217	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	669314	52.080	ug/l	100
20) Methylene Chloride	4.604	84	275283	44.313	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	276104	51.184	ug/l	100
22) Diisopropyl ether	6.018	45	834245	51.744	ug/l	100
23) Vinyl Acetate	5.951	43	2354219	264.392	ug/l	100
24) 1,1-Dichloroethane	5.909	63	502277	51.577	ug/l	100
25) 2-Butanone	6.890	43	357225	249.517	ug/l	100
26) 2,2-Dichloropropane	6.878	77	412194	50.494	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	319602	50.988	ug/l	100
28) Bromochloromethane	7.244	49	214101	52.294	ug/l	100
29) Tetrahydrofuran	7.256	42	237439	262.648	ug/l	100
30) Chloroform	7.421	83	511015	50.947	ug/l	100
31) Cyclohexane	7.695	56	441072	49.341	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	442929	51.101	ug/l	100
36) 1,1-Dichloropropene	7.829	75	368198	50.850	ug/l	100
37) Ethyl Acetate	6.982	43	161593	51.717	ug/l	100
38) Carbon Tetrachloride	7.817	117	385426	50.447	ug/l	100
39) Methylcyclohexane	9.103	83	485179	51.778	ug/l	100
40) Benzene	8.073	78	1150210	51.666	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022779.D
 Acq On : 23 Jun 2025 14:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:52:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	93931	47.652	ug/l	100
42) 1,2-Dichloroethane	8.152	62	314067	51.482	ug/l	100
43) Isopropyl Acetate	8.195	43	342439	52.731	ug/l	100
44) Trichloroethene	8.859	130	292433	52.319	ug/l	100
45) 1,2-Dichloropropane	9.140	63	266251	51.100	ug/l	100
46) Dibromomethane	9.231	93	150422	50.856	ug/l	100
47) Bromodichloromethane	9.420	83	391542	51.335	ug/l	100
48) Methyl methacrylate	9.219	41	168241	53.890	ug/l	100
49) 1,4-Dioxane	9.231	88	36253	1037.426	ug/l	100
51) 4-Methyl-2-Pentanone	9.993	43	886055	268.494	ug/l	100
52) Toluene	10.170	92	727451	51.795	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	354481	51.655	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	411345	51.696	ug/l	100
55) 1,1,2-Trichloroethane	10.566	97	198415	51.805	ug/l	100
56) Ethyl methacrylate	10.432	69	277956	53.942	ug/l	100
57) 1,3-Dichloropropane	10.713	76	344212	51.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	664611	245.688	ug/l	100
59) 2-Hexanone	10.755	43	594522	264.979	ug/l	100
60) Dibromochloromethane	10.908	129	258124	52.176	ug/l	100
61) 1,2-Dibromoethane	11.011	107	185981	51.892	ug/l	100
64) Tetrachloroethene	10.646	164	351675	54.557	ug/l	100
65) Chlorobenzene	11.438	112	768503	51.257	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	262905	51.771	ug/l	100
67) Ethyl Benzene	11.517	91	1384381	52.553	ug/l	100
68) m/p-Xylenes	11.627	106	1067204	104.802	ug/l	100
69) o-Xylene	11.950	106	501048	52.219	ug/l	100
70) Styrene	11.962	104	852365	53.034	ug/l	100
71) Bromoform	12.127	173	144890	51.241	ug/l #	100
73) Isopropylbenzene	12.249	105	1302433	51.086	ug/l	100
74) N-amyl acetate	12.066	43	309312	54.051	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.499	83	195531	47.587	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	175695m	48.399	ug/l	100
77) Bromobenzene	12.529	156	293698	50.823	ug/l	100
78) n-propylbenzene	12.590	91	1572487	51.086	ug/l	100
79) 2-Chlorotoluene	12.676	91	887920	51.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1055520	51.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	68487	49.163	ug/l	100
82) 4-Chlorotoluene	12.773	91	929596	50.888	ug/l	100
83) tert-Butylbenzene	12.993	119	937562	51.654	ug/l	100
84) 1,2,4-Trimethylbenzene	13.035	105	1068099	51.835	ug/l	100
85) sec-Butylbenzene	13.170	105	1412230	51.712	ug/l	100
86) p-Isopropyltoluene	13.285	119	1176992	51.790	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	588857	50.737	ug/l	100
88) 1,4-Dichlorobenzene	13.358	146	581012	50.397	ug/l	100
89) n-Butylbenzene	13.608	91	1104530	51.668	ug/l	100
90) Hexachloroethane	13.871	117	232074	51.271	ug/l	100
91) 1,2-Dichlorobenzene	13.651	146	516584	50.508	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35564	51.039	ug/l	100
93) 1,2,4-Trichlorobenzene	14.913	180	290624	50.327	ug/l	100
94) Hexachlorobutadiene	15.017	225	160111	49.032	ug/l	100
95) Naphthalene	15.139	128	551169	52.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	251077	50.316	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022779.D
Acq On : 23 Jun 2025 14:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:52:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

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

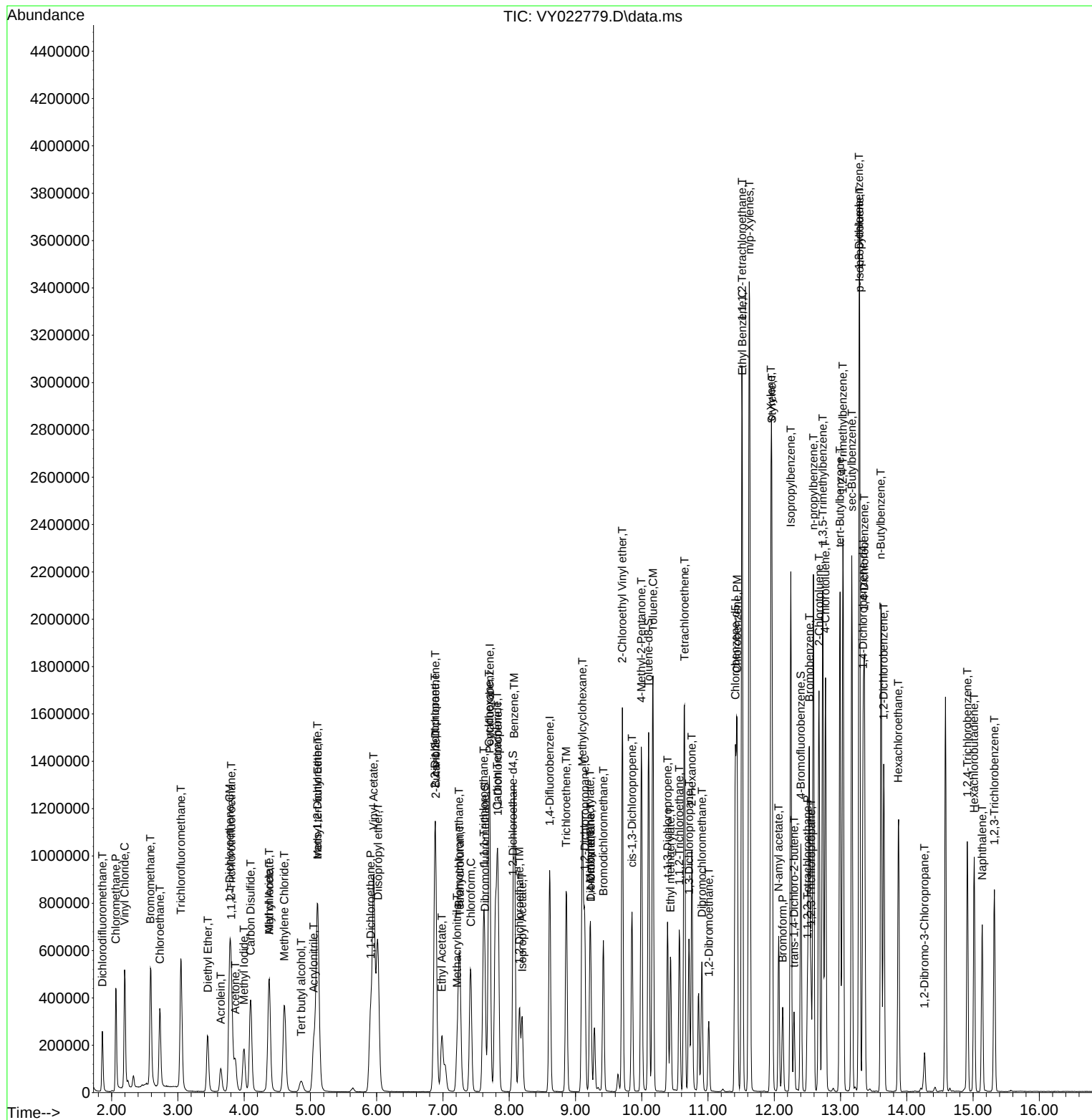
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022779.D
Acq On : 23 Jun 2025 14:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:52:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022780.D
 Acq On : 23 Jun 2025 15:08
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:53:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	475581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	797167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	372652	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	542659	102.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.460%#	
35) Dibromofluoromethane	7.628	113	500461	103.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 206.460%#	
50) Toluene-d8	10.103	98	2012122	104.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 209.180%#	
62) 4-Bromofluorobenzene	12.402	95	673658	108.931	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 217.860%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	383820	94.381	ug/l	97
3) Chloromethane	2.062	50	721237	92.877	ug/l	96
4) Vinyl Chloride	2.196	62	944075	97.310	ug/l	100
5) Bromomethane	2.580	94	723247	94.826	ug/l	100
6) Chloroethane	2.726	64	639835	98.113	ug/l	96
7) Trichlorofluoromethane	3.043	101	1072039	99.794	ug/l	98
8) Diethyl Ether	3.446	74	267488	100.816	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	467671	95.263	ug/l	99
10) Methyl Iodide	3.994	142	581464	108.785	ug/l	99
11) Tert butyl alcohol	4.854	59	184238	522.007	ug/l	99
12) 1,1-Dichloroethene	3.781	96	475211	98.719	ug/l	96
13) Acrolein	3.647	56	232931	486.701	ug/l	98
14) Allyl chloride	4.372	41	751070	101.438	ug/l	100
15) Acrylonitrile	5.049	53	578586	522.657	ug/l	99
16) Acetone	3.866	43	454852	453.380	ug/l	93
17) Carbon Disulfide	4.098	76	1545558	99.386	ug/l	99
18) Methyl Acetate	4.379	43	336182	101.185	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	1388952	105.967	ug/l	99
20) Methylene Chloride	4.604	84	549956	86.802	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	552497	100.424	ug/l	93
22) Diisopropyl ether	6.012	45	1716130	104.367	ug/l	98
23) Vinyl Acetate	5.951	43	4870879	536.357	ug/l	100
24) 1,1-Dichloroethane	5.909	63	1003848	101.070	ug/l	99
25) 2-Butanone	6.884	43	743716	509.343	ug/l	98
26) 2,2-Dichloropropane	6.878	77	821294	98.646	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	653863	102.279	ug/l	99
28) Bromochloromethane	7.238	49	421499	100.943	ug/l	98
29) Tetrahydrofuran	7.256	42	489018	530.386	ug/l	99
30) Chloroform	7.415	83	1031414	100.825	ug/l	99
31) Cyclohexane	7.695	56	860538	94.387	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	892886	101.003	ug/l	99
36) 1,1-Dichloropropene	7.829	75	745473	101.447	ug/l	100
37) Ethyl Acetate	6.982	43	335415	105.778	ug/l	98
38) Carbon Tetrachloride	7.811	117	784957	101.239	ug/l	99
39) Methylcyclohexane	9.103	83	969618	101.963	ug/l	97
40) Benzene	8.073	78	2338781	103.518	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022780.D
 Acq On : 23 Jun 2025 15:08
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:53:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	172503	86.232	ug/l	90
42) 1,2-Dichloroethane	8.152	62	644142	104.044	ug/l	100
43) Isopropyl Acetate	8.195	43	703942	106.813	ug/l	99
44) Trichloroethene	8.859	130	573927	101.178	ug/l	94
45) 1,2-Dichloropropane	9.140	63	543704	102.824	ug/l	100
46) Dibromomethane	9.225	93	308843	102.889	ug/l	99
47) Bromodichloromethane	9.420	83	803009	103.743	ug/l	99
48) Methyl methacrylate	9.219	41	348723	110.068	ug/l	99
49) 1,4-Dioxane	9.225	88	74032	2087.539	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	1833298	547.404	ug/l	100
52) Toluene	10.170	92	1522485	106.816	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	754526	108.342	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	860746	106.593	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	407343	104.800	ug/l	99
56) Ethyl methacrylate	10.432	69	592646	113.331	ug/l	99
57) 1,3-Dichloropropane	10.713	76	705449	104.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	1439247	506.517	ug/l	99
59) 2-Hexanone	10.755	43	1250090	549.018	ug/l	99
60) Dibromochloromethane	10.908	129	535327	106.627	ug/l	99
61) 1,2-Dibromoethane	11.012	107	388631	106.848	ug/l	99
64) Tetrachloroethene	10.646	164	674360	100.198	ug/l	98
65) Chlorobenzene	11.438	112	1610361	102.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	559842	105.587	ug/l	99
67) Ethyl Benzene	11.511	91	2906187	105.662	ug/l	99
68) m/p-Xylenes	11.627	106	2278768	214.327	ug/l	99
69) o-Xylene	11.950	106	1082170	108.020	ug/l	99
70) Styrene	11.963	104	1865505	111.168	ug/l	99
71) Bromoform	12.127	173	321083	108.756	ug/l #	98
73) Isopropylbenzene	12.249	105	2764621	100.312	ug/l	99
74) N-amyl acetate	12.066	43	667613	107.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	442467	99.615	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	364588m	92.907	ug/l	
77) Bromobenzene	12.530	156	631186	101.040	ug/l	99
78) n-propylbenzene	12.590	91	3318659	99.735	ug/l	99
79) 2-Chlorotoluene	12.676	91	1904783	101.319	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	2286529	102.773	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	157671	104.703	ug/l	94
82) 4-Chlorotoluene	12.773	91	2025702	102.582	ug/l	99
83) tert-Butylbenzene	12.993	119	1990057	101.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	2310931	103.747	ug/l	99
85) sec-Butylbenzene	13.170	105	2993511	101.400	ug/l	99
86) p-Isopropyltoluene	13.285	119	2565197	104.416	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	1304649	103.989	ug/l	100
88) 1,4-Dichlorobenzene	13.359	146	1259287	101.046	ug/l	100
89) n-Butylbenzene	13.609	91	2355349	101.924	ug/l	99
90) Hexachloroethane	13.877	117	487480	99.627	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	1129471	102.157	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	75666	100.453	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	648932	103.955	ug/l	99
94) Hexachlorobutadiene	15.017	225	334737	94.827	ug/l	99
95) Naphthalene	15.139	128	1263808	111.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	559578	103.737	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022780.D
Acq On : 23 Jun 2025 15:08
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:53:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

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

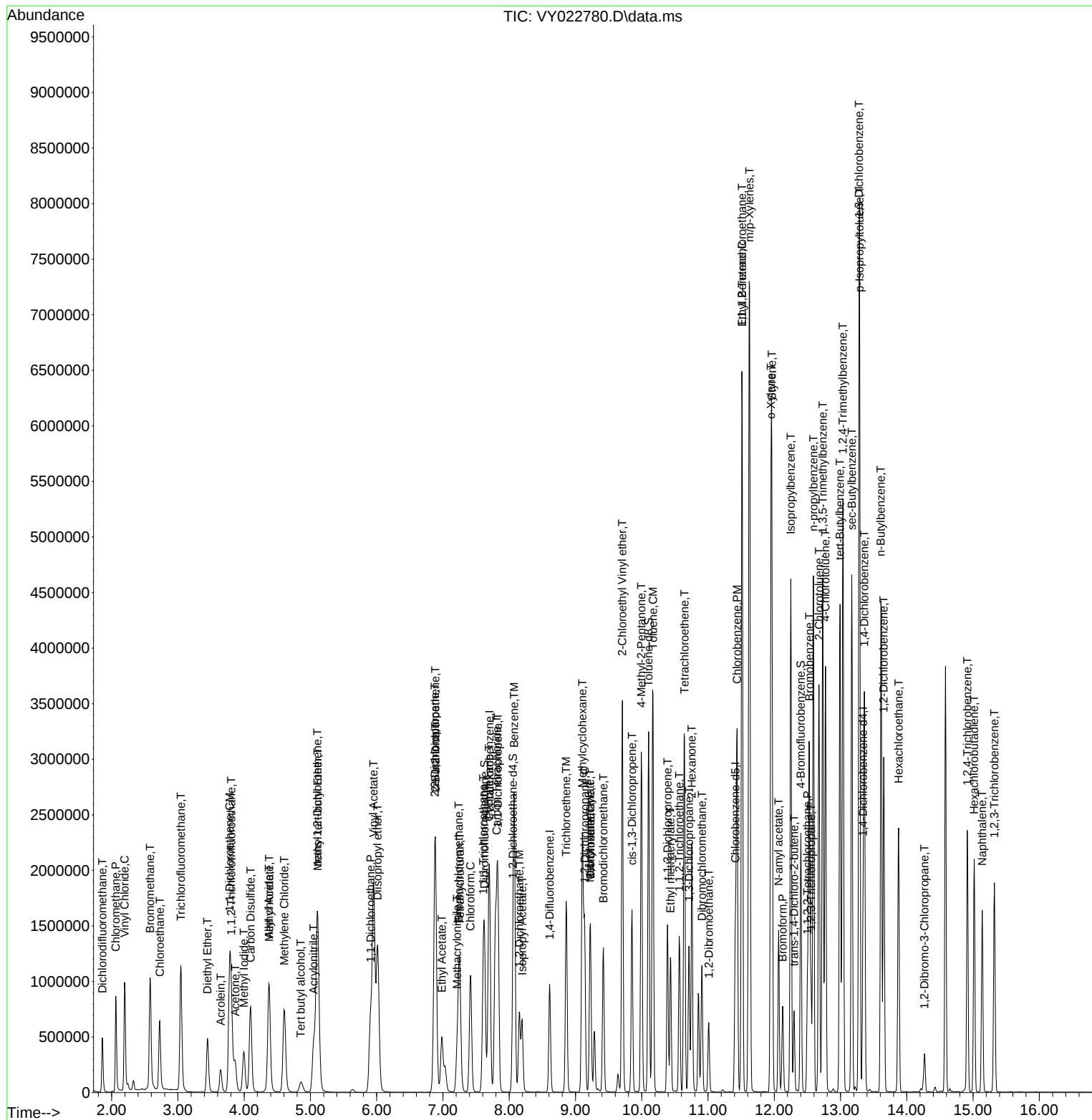
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022780.D
Acq On : 23 Jun 2025 15:08
Operator : SY/MD
Sample : VSTDIC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:53:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022781.D
 Acq On : 23 Jun 2025 15:31
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/24/2025
 Supervised By : Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	487197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	805416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	724825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	371200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	796965	146.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 293.140%#			
35) Dibromofluoromethane	7.628	113	745134	152.126	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 304.260%#			
50) Toluene-d8	10.103	98	3013418	155.039	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 310.080%#			
62) 4-Bromofluorobenzene	12.402	95	1016821	162.737	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 325.480%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	561426	134.762	ug/l	98
3) Chloromethane	2.062	50	1057912	132.984	ug/l	98
4) Vinyl Chloride	2.196	62	1399862	140.850	ug/l	99
5) Bromomethane	2.574	94	1105489	141.487	ug/l	98
6) Chloroethane	2.720	64	936104	140.121	ug/l	99
7) Trichlorofluoromethane	3.043	101	1586258	144.141	ug/l	100
8) Diethyl Ether	3.446	74	396737	145.964	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.799	101	693105	137.817	ug/l	99
10) Methyl Iodide	3.995	142	840407	153.482	ug/l	100
11) Tert butyl alcohol	4.854	59	266185	736.208	ug/l	99
12) 1,1-Dichloroethene	3.775	96	705539	143.072	ug/l	99
13) Acrolein	3.647	56	345938	705.591	ug/l	99
14) Allyl chloride	4.373	41	1152496	151.943	ug/l	99
15) Acrylonitrile	5.049	53	846962	746.849	ug/l	99
16) Acetone	3.860	43	636155	618.978	ug/l	93
17) Carbon Disulfide	4.092	76	2289343	143.705	ug/l	99
18) Methyl Acetate	4.373	43	470360	138.195	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	2054163	152.981	ug/l	100
20) Methylene Chloride	4.604	84	800473	123.330	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	840284	149.092	ug/l	97
22) Diisopropyl ether	6.012	45	2598616	154.267	ug/l	99
23) Vinyl Acetate	5.952	43	7328920	787.783	ug/l	98
24) 1,1-Dichloroethane	5.903	63	1504725	147.888	ug/l	100
25) 2-Butanone	6.890	43	1071039	716.025	ug/l	98
26) 2,2-Dichloropropane	6.878	77	1237615	145.107	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	990315	151.215	ug/l	98
28) Bromochloromethane	7.238	49	623792	145.828	ug/l	98
29) Tetrahydrofuran	7.256	42	708429	750.039	ug/l	98
30) Chloroform	7.415	83	1547385	147.656	ug/l	97
31) Cyclohexane	7.695	56	1306948	139.933	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	1349504	149.016	ug/l	99
36) 1,1-Dichloropropene	7.829	75	1122908	151.246	ug/l	99
37) Ethyl Acetate	6.982	43	483616	150.953	ug/l	100
38) Carbon Tetrachloride	7.811	117	1186256	151.429	ug/l	98
39) Methylcyclohexane	9.103	83	1475329	153.554	ug/l	98
40) Benzene	8.073	78	3478622	152.393	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022781.D
 Acq On : 23 Jun 2025 15:31
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:54:27 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M

Quant Title : SW846 8260

QLast Update : Tue Jun 24 02:48:20 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	296053	146.477	ug/l	97
42) 1,2-Dichloroethane	8.152	62	946330	151.288	ug/l	100
43) Isopropyl Acetate	8.195	43	1024167	153.810	ug/l	99
44) Trichloroethene	8.860	130	846785	147.752	ug/l	97
45) 1,2-Dichloropropane	9.140	63	814039	152.372	ug/l	99
46) Dibromomethane	9.225	93	458817	151.287	ug/l	99
47) Bromodichloromethane	9.420	83	1203370	153.874	ug/l	100
48) Methyl methacrylate	9.213	41	500939	156.493	ug/l	98
49) 1,4-Dioxane	9.225	88	112563	3141.521	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	2671727	789.580	ug/l	99
52) Toluene	10.164	92	2305726	160.110	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	1142721	162.402	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	1300617	159.417	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	603625	153.708	ug/l	99
56) Ethyl methacrylate	10.432	69	902735	170.861	ug/l	98
57) 1,3-Dichloropropane	10.713	76	1045814	152.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	2166504	746.984	ug/l	99
59) 2-Hexanone	10.756	43	1801932	783.272	ug/l	97
60) Dibromochloromethane	10.908	129	795480	156.822	ug/l	99
61) 1,2-Dibromoethane	11.012	107	569130	154.871	ug/l	99
64) Tetrachloroethene	10.640	164	970361	141.712	ug/l	98
65) Chlorobenzene	11.438	112	2422303	152.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	840296	155.771	ug/l	99
67) Ethyl Benzene	11.511	91	4388572	156.829	ug/l	98
68) m/p-Xylenes	11.627	106	3439594	317.973	ug/l	98
69) o-Xylene	11.950	106	1664173	163.273	ug/l	98
70) Styrene	11.963	104	2846995	166.754	ug/l	99
71) Bromoform	12.127	173	478356	159.256	ug/l #	99
73) Isopropylbenzene	12.249	105	4185860	152.475	ug/l	99
74) N-amyl acetate	12.066	43	1001716	162.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	660490	149.281	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	528364m	135.169	ug/l	
77) Bromobenzene	12.530	156	951688	152.942	ug/l	100
78) n-propylbenzene	12.591	91	4948353	149.293	ug/l	99
79) 2-Chlorotoluene	12.676	91	2829859	151.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	3395371	153.210	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	228578	152.383	ug/l	93
82) 4-Chlorotoluene	12.773	91	3004256	152.731	ug/l	100
83) tert-Butylbenzene	12.993	119	3013552	154.188	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	3450572	155.516	ug/l	99
85) sec-Butylbenzene	13.170	105	4391401	149.333	ug/l	98
86) p-Isopropyltoluene	13.286	119	3802837	155.399	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	1942052	155.399	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	1855055	149.433	ug/l	99
89) n-Butylbenzene	13.615	91	3459894	150.307	ug/l	98
90) Hexachloroethane	13.871	117	733958	150.586	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	1672579	151.871	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	106711	142.222	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	941295	151.380	ug/l	99
94) Hexachlorobutadiene	15.017	225	472010	134.238	ug/l	99
95) Naphthalene	15.139	128	1842806	163.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	809138	150.588	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022781.D
Acq On : 23 Jun 2025 15:31
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

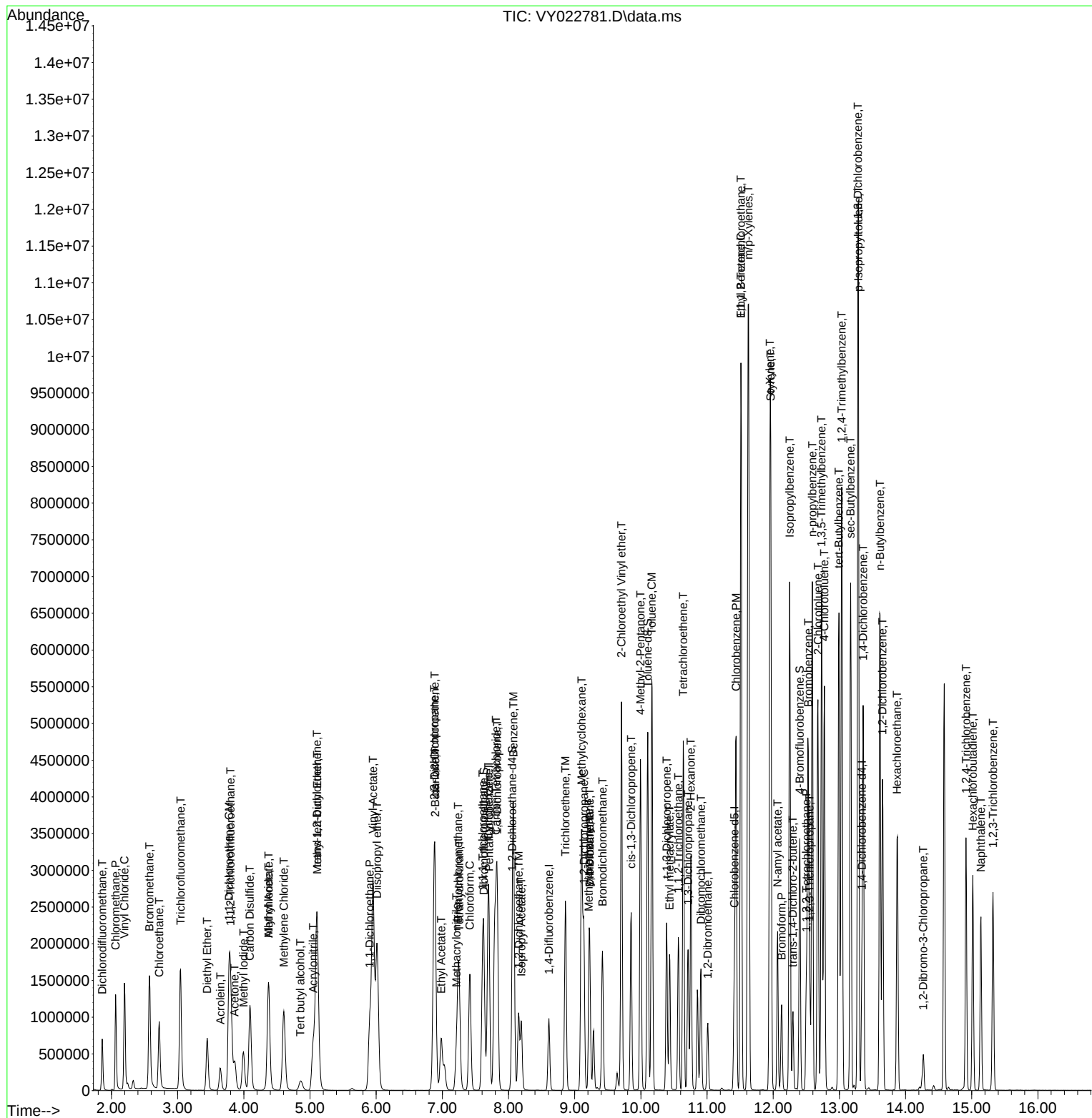
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	480076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	806385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	709921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	359311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	268490	50.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.220%			
35) Dibromofluoromethane	7.628	113	246693	50.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.103	98	968221	49.755	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.401	95	314924	50.342	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	188576	45.936	ug/l	99
3) Chloromethane	2.068	50	383362	48.905	ug/l	97
4) Vinyl Chloride	2.196	62	480207	49.034	ug/l	100
5) Bromomethane	2.586	94	372449	48.375	ug/l	98
6) Chloroethane	2.726	64	317341	48.206	ug/l	98
7) Trichlorofluoromethane	3.043	101	519156	47.875	ug/l	99
8) Diethyl Ether	3.452	74	128819	48.097	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	234148	47.248	ug/l	98
10) Methyl Iodide	3.994	142	252766	46.847	ug/l	100
11) Tert butyl alcohol	4.860	59	90461	253.906	ug/l #	86
12) 1,1-Dichloroethene	3.781	96	232605	47.868	ug/l	94
13) Acrolein	3.647	56	99713	206.396	ug/l	100
14) Allyl chloride	4.378	41	357454	47.825	ug/l	99
15) Acrylonitrile	5.049	53	278053	248.823	ug/l	99
16) Acetone	3.860	43	217427	214.694	ug/l	95
17) Carbon Disulfide	4.098	76	753545	48.003	ug/l	99
18) Methyl Acetate	4.385	43	169460	50.527	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	652685	49.329	ug/l	99
20) Methylene Chloride	4.610	84	279076	43.635	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	266943	48.066	ug/l	98
22) Diisopropyl ether	6.012	45	800669	48.237	ug/l	93
23) Vinyl Acetate	5.951	43	2264377	247.008	ug/l	99
24) 1,1-Dichloroethane	5.909	63	486998	48.573	ug/l	99
25) 2-Butanone	6.890	43	353339	239.723	ug/l	98
26) 2,2-Dichloropropane	6.878	77	388040	46.171	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	308904	47.867	ug/l	100
28) Bromochloromethane	7.244	49	211120	50.087	ug/l	100
29) Tetrahydrofuran	7.256	42	235186	252.693	ug/l	100
30) Chloroform	7.414	83	500741	48.491	ug/l	97
31) Cyclohexane	7.695	56	422671	45.926	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	431799	48.388	ug/l	99
36) 1,1-Dichloropropene	7.829	75	354829	47.735	ug/l	100
37) Ethyl Acetate	6.982	43	160039	49.894	ug/l	99
38) Carbon Tetrachloride	7.817	117	373583	47.632	ug/l	98
39) Methylcyclohexane	9.103	83	463905	48.226	ug/l	98
40) Benzene	8.073	78	1105593	48.376	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	106081m	53.720	ug/l	
42) 1,2-Dichloroethane	8.152	62	307548	49.108	ug/l	100
43) Isopropyl Acetate	8.195	43	333219	49.983	ug/l	99
44) Trichloroethene	8.859	130	274874	47.904	ug/l	98
45) 1,2-Dichloropropane	9.140	63	259472	48.510	ug/l	100
46) Dibromomethane	9.231	93	145961	48.070	ug/l	98
47) Bromodichloromethane	9.420	83	382665	48.872	ug/l	99
48) Methyl methacrylate	9.219	41	164362	51.285	ug/l	99
49) 1,4-Dioxane	9.225	88	35276	983.335	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	867628	256.103	ug/l	99
52) Toluene	10.170	92	704960	48.894	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	348211	49.428	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	404721	49.547	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	194151	49.380	ug/l	98
56) Ethyl methacrylate	10.432	69	270067	51.054	ug/l	99
57) 1,3-Dichloropropane	10.713	76	340025	49.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	680973	245.249	ug/l	100
59) 2-Hexanone	10.755	43	580425	251.999	ug/l	99
60) Dibromochloromethane	10.908	129	253700	49.955	ug/l	100
61) 1,2-Dibromoethane	11.011	107	181754	49.399	ug/l	99
64) Tetrachloroethene	10.646	164	303522	45.257	ug/l	98
65) Chlorobenzene	11.438	112	750243	48.095	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	253468	47.973	ug/l	99
67) Ethyl Benzene	11.517	91	1351655	49.316	ug/l	100
68) m/p-Xylenes	11.621	106	1043651	98.506	ug/l	100
69) o-Xylene	11.950	106	495462	49.631	ug/l	99
70) Styrene	11.962	104	834381	49.897	ug/l	99
71) Bromoform	12.127	173	142330	48.380	ug/l	99
73) Isopropylbenzene	12.249	105	1264391	47.581	ug/l	100
74) N-amyl acetate	12.066	43	299778	50.258	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	213316	49.808	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	171584m	46.775	ug/l	
77) Bromobenzene	12.529	156	287890	47.796	ug/l	100
78) n-propylbenzene	12.590	91	1543476	48.108	ug/l	100
79) 2-Chlorotoluene	12.676	91	871527	48.080	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	1052077	49.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	66143	45.554	ug/l	99
82) 4-Chlorotoluene	12.773	91	919177	48.276	ug/l	99
83) tert-Butylbenzene	12.993	119	917192	48.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	1058356	49.278	ug/l	99
85) sec-Butylbenzene	13.170	105	1377847	48.405	ug/l	100
86) p-Isopropyltoluene	13.285	119	1157677	48.873	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	584110	48.286	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	574913	47.844	ug/l	100
89) n-Butylbenzene	13.615	91	1083397	48.623	ug/l	100
90) Hexachloroethane	13.877	117	228507	48.434	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	512081	48.036	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35693	49.145	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	293980	48.842	ug/l	99
94) Hexachlorobutadiene	15.017	225	157173	46.178	ug/l	98
95) Naphthalene	15.139	128	558879	51.347	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	252267	48.503	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
Response via : Initial Calibration

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

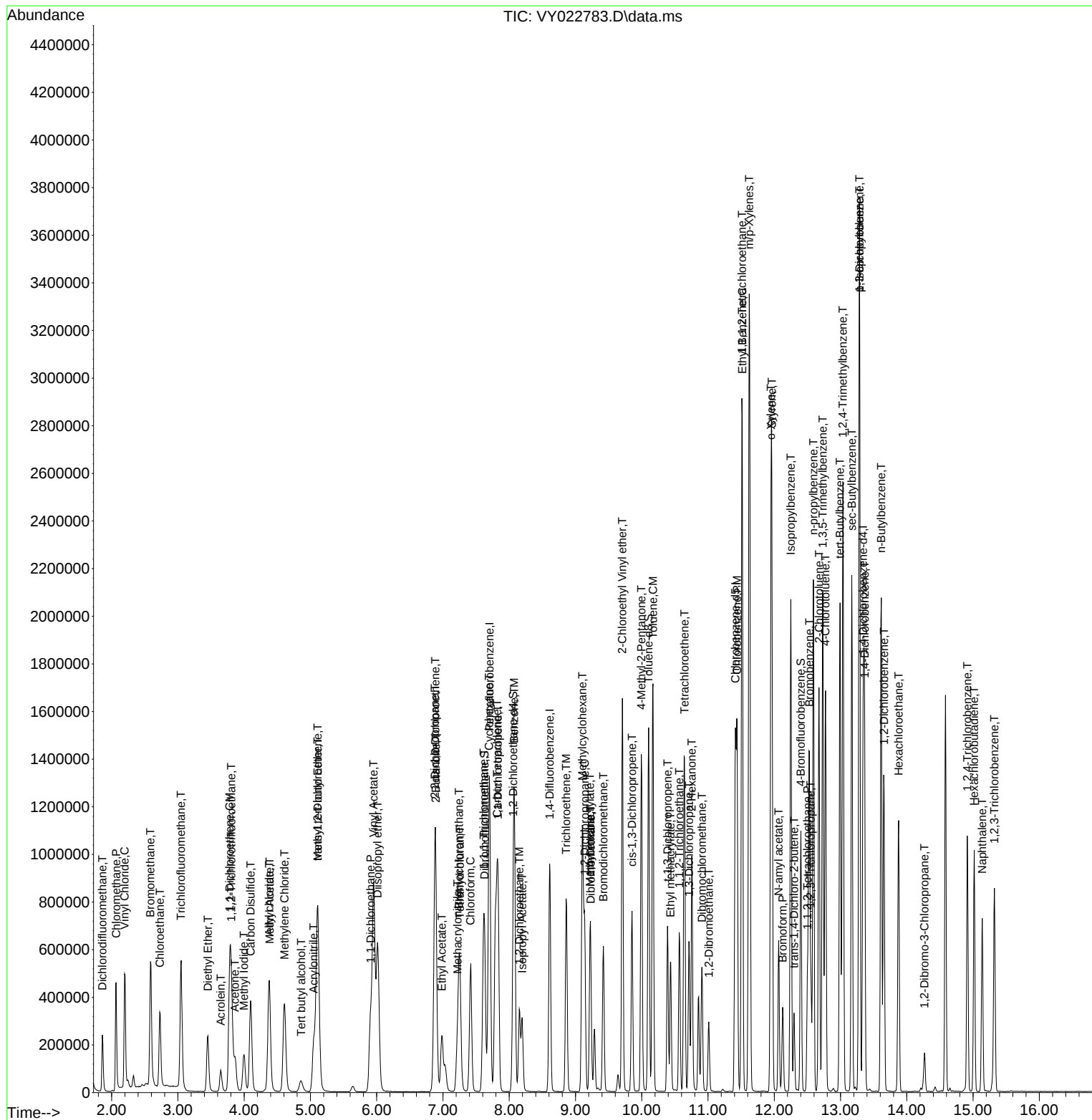
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 2025
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 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	103	-0.01
2 T	Dichlorodifluoromethane	0.428	0.393	8.2	95	0.00
3 P	Chloromethane	0.816	0.799	2.1	104	0.00
4 C	Vinyl Chloride	1.020	1.000	2.0#	99	0.00
5 T	Bromomethane	0.802	0.776	3.2	104	-0.01
6 T	Chloroethane	0.686	0.661	3.6	98	-0.01
7 T	Trichlorofluoromethane	1.129	1.081	4.3	96	-0.01
8 T	Diethyl Ether	0.279	0.268	3.9	97	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.488	5.4	97	-0.01
10 T	Methyl Iodide	0.562	0.527	6.2	87	-0.01
11 T	Tert butyl alcohol	0.037	0.038	-2.7	102	-0.02
12 CM	1,1-Dichloroethene	0.506	0.485	4.2#	97	-0.02
13 T	Acrolein	0.050	0.042	16.0	86	-0.01
14 T	Allyl chloride	0.778	0.745	4.2	96	-0.01
15 T	Acrylonitrile	0.116	0.116	0.0	99	-0.02
16 T	Acetone	0.105	0.091	13.3	98	-0.02
17 T	Carbon Disulfide	1.635	1.570	4.0	97	-0.01
18 T	Methyl Acetate	0.349	0.353	-1.1	104	-0.01
19 T	Methyl tert-butyl Ether	1.378	1.360	1.3	98	-0.02
20 T	Methylene Chloride	0.666	0.581	12.8	101	-0.01
21 T	trans-1,2-Dichloroethene	0.578	0.556	3.8	97	-0.01
22 T	Diisopropyl ether	1.729	1.668	3.5	96	-0.01
23 T	Vinyl Acetate	0.955	0.943	1.3	96	-0.02
24 P	1,1-Dichloroethane	1.044	1.014	2.9	97	-0.01
25 T	2-Butanone	0.154	0.147	4.5	99	-0.01
26 T	2,2-Dichloropropane	0.875	0.808	7.7	94	-0.01
27 T	cis-1,2-Dichloroethene	0.672	0.643	4.3	97	-0.01
28 T	Bromochloromethane	0.439	0.440	-0.2	99	0.00
29 T	Tetrahydrofuran	0.097	0.098	-1.0	99	-0.01
30 C	Chloroform	1.076	1.043	3.1#	98	-0.01
31 T	Cyclohexane	0.959	0.880	8.2	96	-0.01
32 T	1,1,1-Trichloroethane	0.929	0.899	3.2	97	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.559	-0.2	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.304	0.306	-0.7	103	-0.01
36 T	1,1-Dichloropropene	0.461	0.440	4.6	96	-0.01
37 T	Ethyl Acetate	0.199	0.198	0.5	99	-0.01
38 T	Carbon Tetrachloride	0.486	0.463	4.7	97	0.00
39 T	Methylcyclohexane	0.596	0.575	3.5	96	-0.01
40 TM	Benzene	1.417	1.371	3.2	96	-0.01
41 T	Methacrylonitrile	0.122	0.132	-8.2	113	-0.01
42 TM	1,2-Dichloroethane	0.388	0.381	1.8	98	-0.01
43 T	Isopropyl Acetate	0.413	0.413	0.0	97	0.00
44 TM	Trichloroethene	0.356	0.341	4.2	94	0.00
45 C	1,2-Dichloropropane	0.332	0.322	3.0#	97	0.00
46 T	Dibromomethane	0.188	0.181	3.7	97	0.00
47 T	Bromodichloromethane	0.485	0.475	2.1	98	0.00
48 T	Methyl methacrylate	0.199	0.204	-2.5	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY062325

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 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	0.002	0.002	0.0	97	-0.02
50 S	Toluene-d8	1.207	1.201	0.5	101	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.215	-2.4	98	0.00
52 CM	Toluene	0.894	0.874	2.2#	97	0.00
53 T	t-1,3-Dichloropropene	0.437	0.432	1.1	98	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.502	0.8	98	0.00
55 T	1,1,2-Trichloroethane	0.244	0.241	1.2	98	0.00
56 T	Ethyl methacrylate	0.328	0.335	-2.1	97	-0.01
57 T	1,3-Dichloropropane	0.425	0.422	0.7	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.169	-16.6	102	0.00
59 T	2-Hexanone	0.143	0.144	-0.7	98	0.00
60 T	Dibromochloromethane	0.315	0.315	0.0	98	0.00
61 T	1,2-Dibromoethane	0.228	0.225	1.3	98	0.00
62 S	4-Bromofluorobenzene	0.388	0.391	-0.8	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.472	0.428	9.3	86	0.00
65 PM	Chlorobenzene	1.099	1.057	3.8	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.357	4.0	96	0.00
67 C	Ethyl Benzene	1.930	1.904	1.3#	98	0.00
68 T	m/p-Xylenes	0.746	0.735	1.5	98	-0.01
69 T	o-Xylene	0.703	0.698	0.7	99	0.00
70 T	Styrene	1.178	1.175	0.3	98	0.00
71 P	Bromoform	0.207	0.200	3.4	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.698	3.519	4.8	97	0.00
74 T	N-amyl acetate	0.830	0.834	-0.5	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.594	0.3	109	0.00
76 T	1,2,3-Trichloropropane	0.510	0.478	6.3	98	0.00
77 T	Bromobenzene	0.838	0.801	4.4	98	0.00
78 T	n-propylbenzene	4.465	4.296	3.8	98	0.00
79 T	2-Chlorotoluene	2.522	2.426	3.8	98	0.00
80 T	1,3,5-Trimethylbenzene	2.985	2.928	1.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.184	8.9	97	0.00
82 T	4-Chlorotoluene	2.650	2.558	3.5	99	0.00
83 T	tert-Butylbenzene	2.633	2.553	3.0	98	0.00
84 T	1,2,4-Trimethylbenzene	2.989	2.946	1.4	99	0.00
85 T	sec-Butylbenzene	3.961	3.835	3.2	98	0.00
86 T	p-Isopropyltoluene	3.296	3.222	2.2	98	0.00
87 T	1,3-Dichlorobenzene	1.683	1.626	3.4	99	0.00
88 T	1,4-Dichlorobenzene	1.672	1.600	4.3	99	0.00
89 T	n-Butylbenzene	3.101	3.015	2.8	98	0.00
90 T	Hexachloroethane	0.657	0.636	3.2	98	0.00
91 T	1,2-Dichlorobenzene	1.483	1.425	3.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.099	2.0	100	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.818	2.4	101	0.00
94 T	Hexachlorobutadiene	0.474	0.437	7.8	98	0.00
95 T	Naphthalene	1.515	1.555	-2.6	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 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	0.724	0.702	3.0	100	0.00

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 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	103	-0.01
2 T	Dichlorodifluoromethane	50.000	45.936	8.1	95	0.00
3 P	Chloromethane	50.000	48.905	2.2	104	0.00
4 C	Vinyl Chloride	50.000	49.034	1.9#	99	0.00
5 T	Bromomethane	50.000	48.375	3.3	104	-0.01
6 T	Chloroethane	50.000	48.206	3.6	98	-0.01
7 T	Trichlorofluoromethane	50.000	47.875	4.3	96	-0.01
8 T	Diethyl Ether	50.000	48.097	3.8	97	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.248	5.5	97	-0.01
10 T	Methyl Iodide	50.000	46.847	6.3	87	-0.01
11 T	Tert butyl alcohol	250.000	253.906	-1.6	102	-0.02
12 CM	1,1-Dichloroethene	50.000	47.868	4.3#	97	-0.02
13 T	Acrolein	250.000	206.396	17.4	86	-0.01
14 T	Allyl chloride	50.000	47.825	4.3	96	-0.01
15 T	Acrylonitrile	250.000	248.823	0.5	99	-0.02
16 T	Acetone	250.000	214.694	14.1	98	-0.02
17 T	Carbon Disulfide	50.000	48.003	4.0	97	-0.01
18 T	Methyl Acetate	50.000	50.527	-1.1	104	-0.01
19 T	Methyl tert-butyl Ether	50.000	49.329	1.3	98	-0.02
20 T	Methylene Chloride	50.000	43.635	12.7	101	-0.01
21 T	trans-1,2-Dichloroethene	50.000	48.066	3.9	97	-0.01
22 T	Diisopropyl ether	50.000	48.237	3.5	96	-0.01
23 T	Vinyl Acetate	250.000	247.008	1.2	96	-0.02
24 P	1,1-Dichloroethane	50.000	48.573	2.9	97	-0.01
25 T	2-Butanone	250.000	239.723	4.1	99	-0.01
26 T	2,2-Dichloropropane	50.000	46.171	7.7	94	-0.01
27 T	cis-1,2-Dichloroethene	50.000	47.867	4.3	97	-0.01
28 T	Bromochloromethane	50.000	50.087	-0.2	99	0.00
29 T	Tetrahydrofuran	250.000	252.693	-1.1	99	-0.01
30 C	Chloroform	50.000	48.491	3.0#	98	-0.01
31 T	Cyclohexane	50.000	45.926	8.1	96	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.388	3.2	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.109	-0.2	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	50.304	-0.6	103	-0.01
36 T	1,1-Dichloropropene	50.000	47.735	4.5	96	-0.01
37 T	Ethyl Acetate	50.000	49.894	0.2	99	-0.01
38 T	Carbon Tetrachloride	50.000	47.632	4.7	97	0.00
39 T	Methylcyclohexane	50.000	48.226	3.5	96	-0.01
40 TM	Benzene	50.000	48.376	3.2	96	-0.01
41 T	Methacrylonitrile	50.000	53.720	-7.4	113	-0.01
42 TM	1,2-Dichloroethane	50.000	49.108	1.8	98	-0.01
43 T	Isopropyl Acetate	50.000	49.983	0.0	97	0.00
44 TM	Trichloroethene	50.000	47.904	4.2	94	0.00
45 C	1,2-Dichloropropane	50.000	48.510	3.0#	97	0.00
46 T	Dibromomethane	50.000	48.070	3.9	97	0.00
47 T	Bromodichloromethane	50.000	48.872	2.3	98	0.00
48 T	Methyl methacrylate	50.000	51.285	-2.6	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY062325

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 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	983.335	1.7	97	-0.02
50 S	Toluene-d8	50.000	49.755	0.5	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.103	-2.4	98	0.00
52 CM	Toluene	50.000	48.894	2.2#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	49.428	1.1	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.547	0.9	98	0.00
55 T	1,1,2-Trichloroethane	50.000	49.380	1.2	98	0.00
56 T	Ethyl methacrylate	50.000	51.054	-2.1	97	-0.01
57 T	1,3-Dichloropropane	50.000	49.568	0.9	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.249	1.9	102	0.00
59 T	2-Hexanone	250.000	251.999	-0.8	98	0.00
60 T	Dibromochloromethane	50.000	49.955	0.1	98	0.00
61 T	1,2-Dibromoethane	50.000	49.399	1.2	98	0.00
62 S	4-Bromofluorobenzene	50.000	50.342	-0.7	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	45.257	9.5	86	0.00
65 PM	Chlorobenzene	50.000	48.095	3.8	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.973	4.1	96	0.00
67 C	Ethyl Benzene	50.000	49.316	1.4#	98	0.00
68 T	m/p-Xylenes	100.000	98.506	1.5	98	-0.01
69 T	o-Xylene	50.000	49.631	0.7	99	0.00
70 T	Styrene	50.000	49.897	0.2	98	0.00
71 P	Bromoform	50.000	48.380	3.2	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	47.581	4.8	97	0.00
74 T	N-ethyl acetate	50.000	50.258	-0.5	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.808	0.4	109	0.00
76 T	1,2,3-Trichloropropane	50.000	46.775	6.5	98	0.00
77 T	Bromobenzene	50.000	47.796	4.4	98	0.00
78 T	n-propylbenzene	50.000	48.108	3.8	98	0.00
79 T	2-Chlorotoluene	50.000	48.080	3.8	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.044	1.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.554	8.9	97	0.00
82 T	4-Chlorotoluene	50.000	48.276	3.4	99	0.00
83 T	tert-Butylbenzene	50.000	48.481	3.0	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.278	1.4	99	0.00
85 T	sec-Butylbenzene	50.000	48.405	3.2	98	0.00
86 T	p-Isopropyltoluene	50.000	48.873	2.3	98	0.00
87 T	1,3-Dichlorobenzene	50.000	48.286	3.4	99	0.00
88 T	1,4-Dichlorobenzene	50.000	47.844	4.3	99	0.00
89 T	n-Butylbenzene	50.000	48.623	2.8	98	0.00
90 T	Hexachloroethane	50.000	48.434	3.1	98	0.00
91 T	1,2-Dichlorobenzene	50.000	48.036	3.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.145	1.7	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.842	2.3	101	0.00
94 T	Hexachlorobutadiene	50.000	46.178	7.6	98	0.00
95 T	Naphthalene	50.000	51.347	-2.7	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.503	3.0	100	0.00

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG No.: Q2425

Instrument ID: MSVOA_Y Calibration Date/Time: 06/25/2025 09:13

Lab File ID: VY022811.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
cis-1,2-Dichloroethene	0.672	0.648		-3.57	20
1,1,1-Trichloroethane	0.929	0.916		-1.4	20
Benzene	1.417	1.415		-0.14	20
Trichloroethene	0.356	0.364		2.25	20
Toluene	0.894	0.909		1.68	20
Ethyl Benzene	1.930	1.981		2.64	20
m/p-Xylenes	0.746	0.775		3.89	20
o-Xylene	0.703	0.725		3.13	20
Isopropylbenzene	3.698	3.805		2.89	20
1,2-Dichloroethane-d4	0.558	0.536		-3.94	20
Dibromofluoromethane	0.304	0.309		1.64	20
Toluene-d8	1.207	1.256		4.06	20
4-Bromofluorobenzene	0.388	0.398		2.58	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_Y\Data\VY062525\
 Data File : VY022811.D
 Acq On : 25 Jun 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	448549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	727879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	634524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	316858	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	240425	48.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.040%
35) Dibromofluoromethane	7.628	113	224975	50.823	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.103	98	914056	52.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.402	95	289678	51.300	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	180214	46.985	ug/l	98
3) Chloromethane	2.068	50	304245	41.540	ug/l	97
4) Vinyl Chloride	2.202	62	422331	46.155	ug/l	99
5) Bromomethane	2.592	94	321449	44.686	ug/l	98
6) Chloroethane	2.733	64	288512	46.907	ug/l	95
7) Trichlorofluoromethane	3.050	101	478972	47.274	ug/l	97
8) Diethyl Ether	3.452	74	115934	46.329	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	225579	48.719	ug/l	97
10) Methyl Iodide	4.001	142	262810	52.132	ug/l	99
11) Tert butyl alcohol	4.854	59	70733	212.488	ug/l	97
12) 1,1-Dichloroethene	3.787	96	221456	48.777	ug/l	99
13) Acrolein	3.647	56	86955	192.639	ug/l	98
14) Allyl chloride	4.379	41	331352	47.449	ug/l	96
15) Acrylonitrile	5.055	53	237143	227.130	ug/l	100
16) Acetone	3.866	43	256030	270.581	ug/l	99
17) Carbon Disulfide	4.104	76	707182	48.215	ug/l	99
18) Methyl Acetate	4.379	43	126312	40.309	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	584880	47.311	ug/l	98
20) Methylene Chloride	4.610	84	255294	42.722	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	248382	47.868	ug/l	97
22) Diisopropyl ether	6.012	45	736490	47.489	ug/l	99
23) Vinyl Acetate	5.958	43	2066183	241.229	ug/l	98
24) 1,1-Dichloroethane	5.909	63	449244	47.957	ug/l	99
25) 2-Butanone	6.884	43	325554	236.396	ug/l	98
26) 2,2-Dichloropropane	6.878	77	400519	51.006	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	290538	48.186	ug/l	100
28) Bromochloromethane	7.244	49	183603	46.620	ug/l	90
29) Tetrahydrofuran	7.262	42	194236	223.363	ug/l	98
30) Chloroform	7.415	83	458350	47.506	ug/l	97
31) Cyclohexane	7.695	56	401308	46.670	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	411034	49.298	ug/l	99
36) 1,1-Dichloropropene	7.835	75	338214	50.407	ug/l	99
37) Ethyl Acetate	6.982	43	136570	47.169	ug/l	98
38) Carbon Tetrachloride	7.811	117	359275	50.748	ug/l	98
39) Methylcyclohexane	9.103	83	443175	51.040	ug/l	99
40) Benzene	8.079	78	1029813	49.920	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022811.D
 Acq On : 25 Jun 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:20:38 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M

Quant Title : SW846 8260

QLast Update : Tue Jun 24 08:29:52 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	87080m	48.854	ug/l	
42) 1,2-Dichloroethane	8.152	62	276872	48.978	ug/l	100
43) Isopropyl Acetate	8.195	43	284360	47.255	ug/l	98
44) Trichloroethene	8.866	130	265065	51.177	ug/l	92
45) 1,2-Dichloropropane	9.140	63	240940	49.903	ug/l	97
46) Dibromomethane	9.231	93	132491	48.340	ug/l	96
47) Bromodichloromethane	9.420	83	350154	49.544	ug/l	97
48) Methyl methacrylate	9.219	41	138660	47.932	ug/l	94
49) 1,4-Dioxane	9.225	88	28884	891.995	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	730067	238.741	ug/l	95
52) Toluene	10.170	92	661303	50.813	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	319011	50.167	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	373423	50.646	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	171753	48.394	ug/l	96
56) Ethyl methacrylate	10.438	69	239759	50.213	ug/l	93
57) 1,3-Dichloropropane	10.713	76	296576	47.897	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	578771	231.838	ug/l	97
59) 2-Hexanone	10.755	43	512572	246.541	ug/l	96
60) Dibromochloromethane	10.908	129	227181	49.558	ug/l	99
61) 1,2-Dibromoethane	11.012	107	162586	48.956	ug/l	96
64) Tetrachloroethene	10.646	164	316666	52.827	ug/l	98
65) Chlorobenzene	11.438	112	700577	50.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	235790	49.930	ug/l	99
67) Ethyl Benzene	11.518	91	1257234	51.322	ug/l	97
68) m/p-Xylenes	11.621	106	983789	103.889	ug/l	100
69) o-Xylene	11.950	106	459787	51.530	ug/l	100
70) Styrene	11.969	104	772857	51.710	ug/l	99
71) Bromoform	12.127	173	126376	48.061	ug/l #	99
73) Isopropylbenzene	12.249	105	1205651	51.449	ug/l	99
74) N-amyl acetate	12.066	43	260075	49.444	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	168089	44.506	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	151600m	46.865	ug/l	
77) Bromobenzene	12.530	156	262793	49.475	ug/l	99
78) n-propylbenzene	12.591	91	1466178	51.821	ug/l	98
79) 2-Chlorotoluene	12.676	91	810209	50.685	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	974376	51.507	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	61711	48.196	ug/l	98
82) 4-Chlorotoluene	12.773	91	835838	49.780	ug/l	99
83) tert-Butylbenzene	12.993	119	867090	51.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	989679	52.254	ug/l	99
85) sec-Butylbenzene	13.170	105	1315993	52.426	ug/l	99
86) p-Isopropyltoluene	13.286	119	1102630	52.785	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	536520	50.294	ug/l	100
88) 1,4-Dichlorobenzene	13.359	146	526174	49.655	ug/l	99
89) n-Butylbenzene	13.615	91	1034111	52.629	ug/l	99
90) Hexachloroethane	13.877	117	210549	50.607	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	462734	49.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	30204	47.159	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	259937	48.973	ug/l	98
94) Hexachlorobutadiene	15.017	225	147577	49.168	ug/l	98
95) Naphthalene	15.139	128	464287	48.371	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	221282	48.245	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022811.D
Acq On : 25 Jun 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:20:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

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

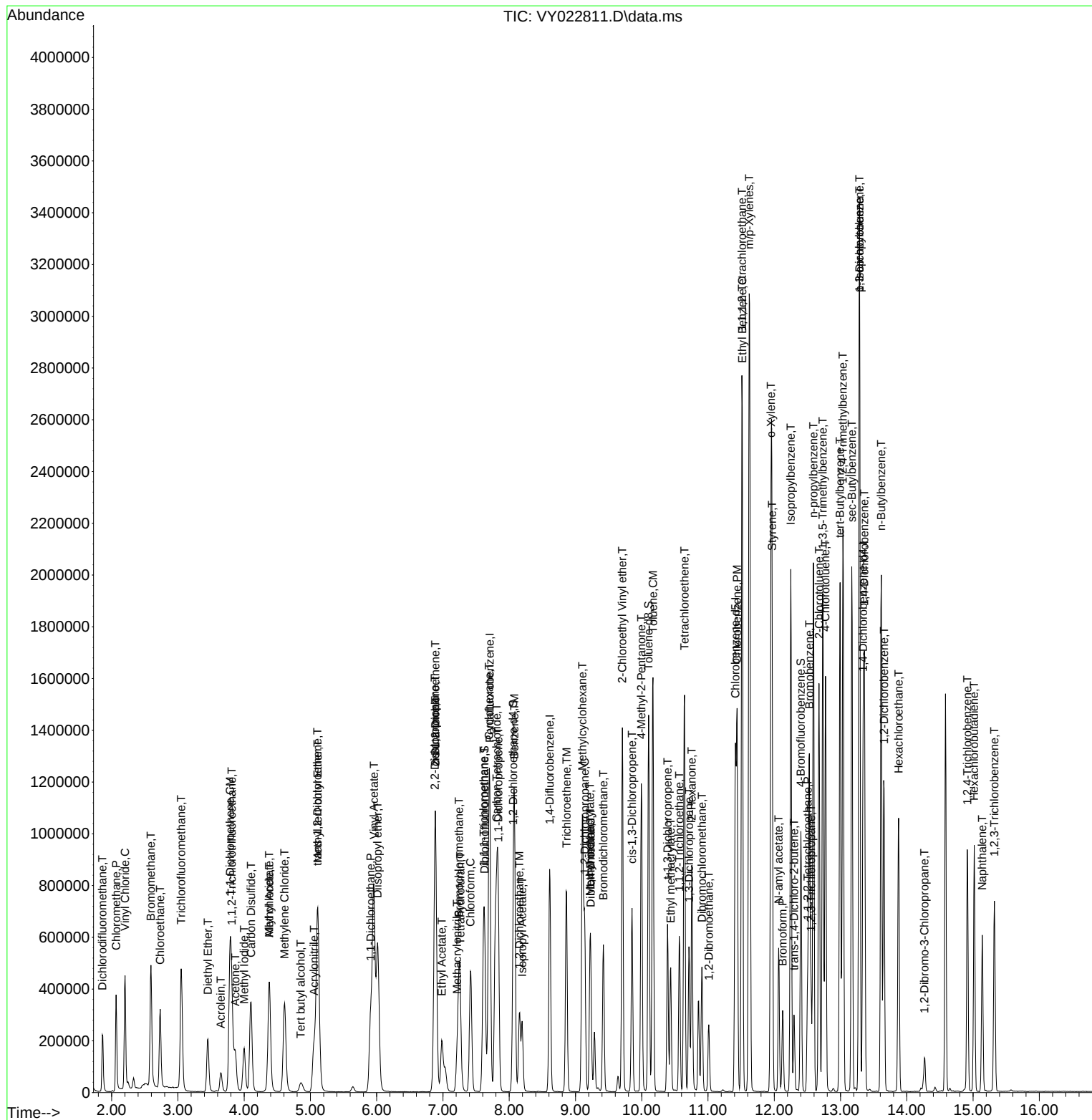
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022811.D
Acq On : 25 Jun 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:20:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022811.D
 Acq On : 25 Jun 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	96	0.00
2 T	Dichlorodifluoromethane	0.428	0.402	6.1	91	0.00
3 P	Chloromethane	0.816	0.678	16.9	82	0.00
4 C	Vinyl Chloride	1.020	0.942	7.6#	87	0.00
5 T	Bromomethane	0.802	0.717	10.6	89	0.00
6 T	Chloroethane	0.686	0.643	6.3	89	0.00
7 T	Trichlorofluoromethane	1.129	1.068	5.4	88	0.00
8 T	Diethyl Ether	0.279	0.258	7.5	87	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.503	2.5	94	0.00
10 T	Methyl Iodide	0.562	0.586	-4.3	90	0.00
11 T	Tert butyl alcohol	0.037	0.032	13.5	79	-0.03
12 CM	1,1-Dichloroethene	0.506	0.494	2.4#	92	-0.01
13 T	Acrolein	0.050	0.039	22.0	75	-0.01
14 T	Allyl chloride	0.778	0.739	5.0	89	-0.01
15 T	Acrylonitrile	0.116	0.106	8.6	84	-0.01
16 T	Acetone	0.105	0.114	-8.6	115	-0.01
17 T	Carbon Disulfide	1.635	1.577	3.5	91	0.00
18 T	Methyl Acetate	0.349	0.282	19.2	77	-0.02
19 T	Methyl tert-butyl Ether	1.378	1.304	5.4	87	-0.02
20 T	Methylene Chloride	0.666	0.569	14.6	93	-0.01
21 T	trans-1,2-Dichloroethene	0.578	0.554	4.2	90	-0.02
22 T	Diisopropyl ether	1.729	1.642	5.0	88	-0.01
23 T	Vinyl Acetate	0.955	0.921	3.6	88	-0.01
24 P	1,1-Dichloroethane	1.044	1.002	4.0	89	-0.01
25 T	2-Butanone	0.154	0.145	5.8	91	-0.02
26 T	2,2-Dichloropropane	0.875	0.893	-2.1	97	-0.01
27 T	cis-1,2-Dichloroethene	0.672	0.648	3.6	91	-0.01
28 T	Bromochloromethane	0.439	0.409	6.8	86	0.00
29 T	Tetrahydrofuran	0.097	0.087	10.3	82	0.00
30 C	Chloroform	1.076	1.022	5.0#	90	-0.01
31 T	Cyclohexane	0.959	0.895	6.7	91	-0.01
32 T	1,1,1-Trichloroethane	0.929	0.916	1.4	93	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.536	3.9	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.304	0.309	-1.6	94	-0.01
36 T	1,1-Dichloropropene	0.461	0.465	-0.9	92	0.00
37 T	Ethyl Acetate	0.199	0.188	5.5	85	-0.01
38 T	Carbon Tetrachloride	0.486	0.494	-1.6	93	-0.01
39 T	Methylcyclohexane	0.596	0.609	-2.2	91	-0.01
40 TM	Benzene	1.417	1.415	0.1	90	0.00
41 T	Methacrylonitrile	0.122	0.120	1.6	93	-0.02
42 TM	1,2-Dichloroethane	0.388	0.380	2.1	88	-0.01
43 T	Isopropyl Acetate	0.413	0.391	5.3	83	0.00
44 TM	Trichloroethene	0.356	0.364	-2.2	91	0.00
45 C	1,2-Dichloropropane	0.332	0.331	0.3#	90	0.00
46 T	Dibromomethane	0.188	0.182	3.2	88	0.00
47 T	Bromodichloromethane	0.485	0.481	0.8	89	0.00
48 T	Methyl methacrylate	0.199	0.190	4.5	82	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022811.D
 Acq On : 25 Jun 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	0.002	0.002	0.0	80	-0.02
50 S	Toluene-d8	1.207	1.256	-4.1	96	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.201	4.3	82	0.00
52 CM	Toluene	0.894	0.909	-1.7#	91	0.00
53 T	t-1,3-Dichloropropene	0.437	0.438	-0.2	90	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.513	-1.4	91	0.00
55 T	1,1,2-Trichloroethane	0.244	0.236	3.3	87	0.00
56 T	Ethyl methacrylate	0.328	0.329	-0.3	86	0.00
57 T	1,3-Dichloropropane	0.425	0.407	4.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.159	-9.7	87	0.00
59 T	2-Hexanone	0.143	0.141	1.4	86	0.00
60 T	Dibromochloromethane	0.315	0.312	1.0	88	0.00
61 T	1,2-Dibromoethane	0.228	0.223	2.2	87	0.00
62 S	4-Bromofluorobenzene	0.388	0.398	-2.6	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.472	0.499	-5.7	90	0.00
65 PM	Chlorobenzene	1.099	1.104	-0.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.372	0.0	90	0.00
67 C	Ethyl Benzene	1.930	1.981	-2.6#	91	0.00
68 T	m/p-Xylenes	0.746	0.775	-3.9	92	-0.01
69 T	o-Xylene	0.703	0.725	-3.1	92	0.00
70 T	Styrene	1.178	1.218	-3.4	91	0.00
71 P	Bromoform	0.207	0.199	3.9	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.698	3.805	-2.9	93	0.00
74 T	N-amyl acetate	0.830	0.821	1.1	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.530	11.1	86	0.00
76 T	1,2,3-Trichloropropane	0.510	0.478	6.3	86	0.00
77 T	Bromobenzene	0.838	0.829	1.1	89	0.00
78 T	n-propylbenzene	4.465	4.627	-3.6	93	0.00
79 T	2-Chlorotoluene	2.522	2.557	-1.4	91	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.075	-3.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.195	3.5	90	0.00
82 T	4-Chlorotoluene	2.650	2.638	0.5	90	0.00
83 T	tert-Butylbenzene	2.633	2.737	-3.9	92	0.00
84 T	1,2,4-Trimethylbenzene	2.989	3.123	-4.5	93	0.00
85 T	sec-Butylbenzene	3.961	4.153	-4.8	93	0.00
86 T	p-Isopropyltoluene	3.296	3.480	-5.6	94	0.00
87 T	1,3-Dichlorobenzene	1.683	1.693	-0.6	91	0.00
88 T	1,4-Dichlorobenzene	1.672	1.661	0.7	91	-0.01
89 T	n-Butylbenzene	3.101	3.264	-5.3	94	0.00
90 T	Hexachloroethane	0.657	0.664	-1.1	91	0.00
91 T	1,2-Dichlorobenzene	1.483	1.460	1.6	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.095	5.9	85	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.820	2.1	89	0.00
94 T	Hexachlorobutadiene	0.474	0.466	1.7	92	0.00
95 T	Naphthalene	1.515	1.465	3.3	84	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022811.D
Acq On : 25 Jun 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 26 01:20:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	0.724	0.698	3.6	88	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022811.D
 Acq On : 25 Jun 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	46.985	6.0	91	0.00
3 P	Chloromethane	50.000	41.540	16.9	82	0.00
4 C	Vinyl Chloride	50.000	46.155	7.7#	87	0.00
5 T	Bromomethane	50.000	44.686	10.6	89	0.00
6 T	Chloroethane	50.000	46.907	6.2	89	0.00
7 T	Trichlorofluoromethane	50.000	47.274	5.5	88	0.00
8 T	Diethyl Ether	50.000	46.329	7.3	87	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.719	2.6	94	0.00
10 T	Methyl Iodide	50.000	52.132	-4.3	90	0.00
11 T	Tert butyl alcohol	250.000	212.488	15.0	79	-0.03
12 CM	1,1-Dichloroethene	50.000	48.777	2.4#	92	-0.01
13 T	Acrolein	250.000	192.639	22.9	75	-0.01
14 T	Allyl chloride	50.000	47.449	5.1	89	-0.01
15 T	Acrylonitrile	250.000	227.130	9.1	84	-0.01
16 T	Acetone	250.000	270.581	-8.2	115	-0.01
17 T	Carbon Disulfide	50.000	48.215	3.6	91	0.00
18 T	Methyl Acetate	50.000	40.309	19.4	77	-0.02
19 T	Methyl tert-butyl Ether	50.000	47.311	5.4	87	-0.02
20 T	Methylene Chloride	50.000	42.722	14.6	93	-0.01
21 T	trans-1,2-Dichloroethene	50.000	47.868	4.3	90	-0.02
22 T	Diisopropyl ether	50.000	47.489	5.0	88	-0.01
23 T	Vinyl Acetate	250.000	241.229	3.5	88	-0.01
24 P	1,1-Dichloroethane	50.000	47.957	4.1	89	-0.01
25 T	2-Butanone	250.000	236.396	5.4	91	-0.02
26 T	2,2-Dichloropropane	50.000	51.006	-2.0	97	-0.01
27 T	cis-1,2-Dichloroethene	50.000	48.186	3.6	91	-0.01
28 T	Bromochloromethane	50.000	46.620	6.8	86	0.00
29 T	Tetrahydrofuran	250.000	223.363	10.7	82	0.00
30 C	Chloroform	50.000	47.506	5.0#	90	-0.01
31 T	Cyclohexane	50.000	46.670	6.7	91	-0.01
32 T	1,1,1-Trichloroethane	50.000	49.298	1.4	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.025	4.0	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.823	-1.6	94	-0.01
36 T	1,1-Dichloropropene	50.000	50.407	-0.8	92	0.00
37 T	Ethyl Acetate	50.000	47.169	5.7	85	-0.01
38 T	Carbon Tetrachloride	50.000	50.748	-1.5	93	-0.01
39 T	Methylcyclohexane	50.000	51.040	-2.1	91	-0.01
40 TM	Benzene	50.000	49.920	0.2	90	0.00
41 T	Methacrylonitrile	50.000	48.854	2.3	93	-0.02
42 TM	1,2-Dichloroethane	50.000	48.978	2.0	88	-0.01
43 T	Isopropyl Acetate	50.000	47.255	5.5	83	0.00
44 TM	Trichloroethene	50.000	51.177	-2.4	91	0.00
45 C	1,2-Dichloropropane	50.000	49.903	0.2#	90	0.00
46 T	Dibromomethane	50.000	48.340	3.3	88	0.00
47 T	Bromodichloromethane	50.000	49.544	0.9	89	0.00
48 T	Methyl methacrylate	50.000	47.932	4.1	82	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022811.D
 Acq On : 25 Jun 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	891.995	10.8	80	-0.02
50 S	Toluene-d8	50.000	52.037	-4.1	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.741	4.5	82	0.00
52 CM	Toluene	50.000	50.813	-1.6#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.167	-0.3	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.646	-1.3	91	0.00
55 T	1,1,2-Trichloroethane	50.000	48.394	3.2	87	0.00
56 T	Ethyl methacrylate	50.000	50.213	-0.4	86	0.00
57 T	1,3-Dichloropropane	50.000	47.897	4.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	231.838	7.3	87	0.00
59 T	2-Hexanone	250.000	246.541	1.4	86	0.00
60 T	Dibromochloromethane	50.000	49.558	0.9	88	0.00
61 T	1,2-Dibromoethane	50.000	48.956	2.1	87	0.00
62 S	4-Bromofluorobenzene	50.000	51.300	-2.6	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	52.827	-5.7	90	0.00
65 PM	Chlorobenzene	50.000	50.248	-0.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.930	0.1	90	0.00
67 C	Ethyl Benzene	50.000	51.322	-2.6#	91	0.00
68 T	m/p-Xylenes	100.000	103.889	-3.9	92	-0.01
69 T	o-Xylene	50.000	51.530	-3.1	92	0.00
70 T	Styrene	50.000	51.710	-3.4	91	0.00
71 P	Bromoform	50.000	48.061	3.9	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	51.449	-2.9	93	0.00
74 T	N-ethyl acetate	50.000	49.444	1.1	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.506	11.0	86	0.00
76 T	1,2,3-Trichloropropane	50.000	46.865	6.3	86	0.00
77 T	Bromobenzene	50.000	49.475	1.0	89	0.00
78 T	n-propylbenzene	50.000	51.821	-3.6	93	0.00
79 T	2-Chlorotoluene	50.000	50.685	-1.4	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.507	-3.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.196	3.6	90	0.00
82 T	4-Chlorotoluene	50.000	49.780	0.4	90	0.00
83 T	tert-Butylbenzene	50.000	51.973	-3.9	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.254	-4.5	93	0.00
85 T	sec-Butylbenzene	50.000	52.426	-4.9	93	0.00
86 T	p-Isopropyltoluene	50.000	52.785	-5.6	94	0.00
87 T	1,3-Dichlorobenzene	50.000	50.294	-0.6	91	0.00
88 T	1,4-Dichlorobenzene	50.000	49.655	0.7	91	-0.01
89 T	n-Butylbenzene	50.000	52.629	-5.3	94	0.00
90 T	Hexachloroethane	50.000	50.607	-1.2	91	0.00
91 T	1,2-Dichlorobenzene	50.000	49.222	1.6	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.159	5.7	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.973	2.1	89	0.00
94 T	Hexachlorobutadiene	50.000	49.168	1.7	92	0.00
95 T	Naphthalene	50.000	48.371	3.3	84	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022811.D
Acq On : 25 Jun 2025 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 26 01:20:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.245	3.5	88	0.00

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



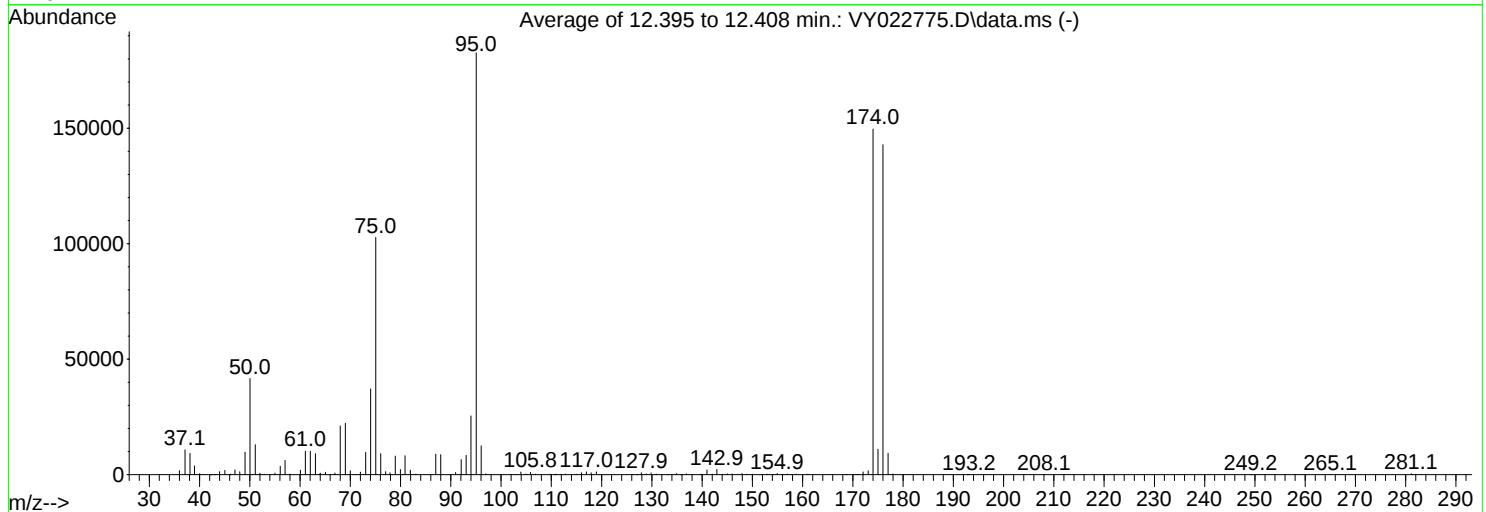
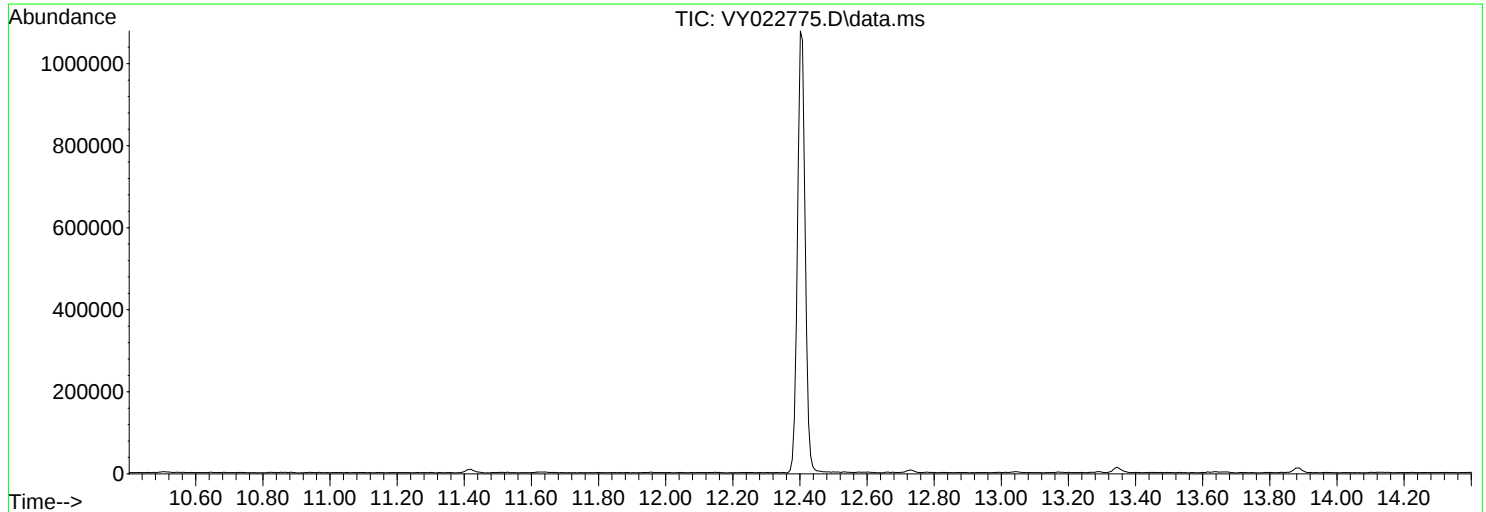
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022775.D
Acq On : 23 Jun 2025 10:17
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260
Last Update : Tue Jun 24 08:29:52 2025



AutoFind: Scans 1751, 1752, 1753; Background Corrected with Scan 1743

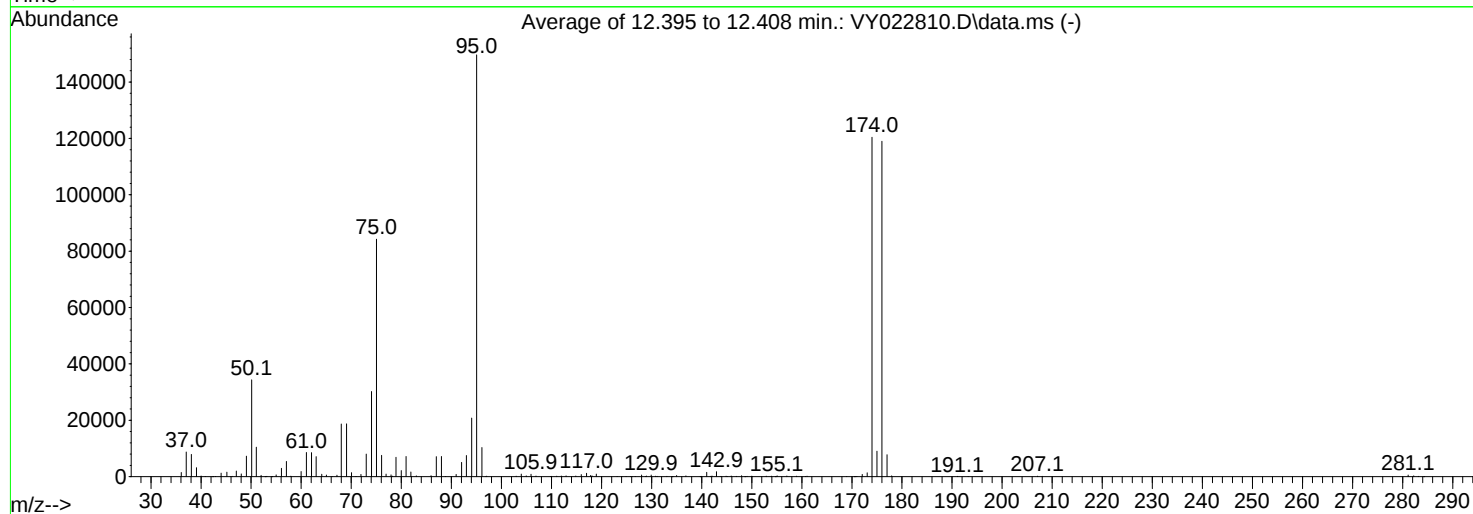
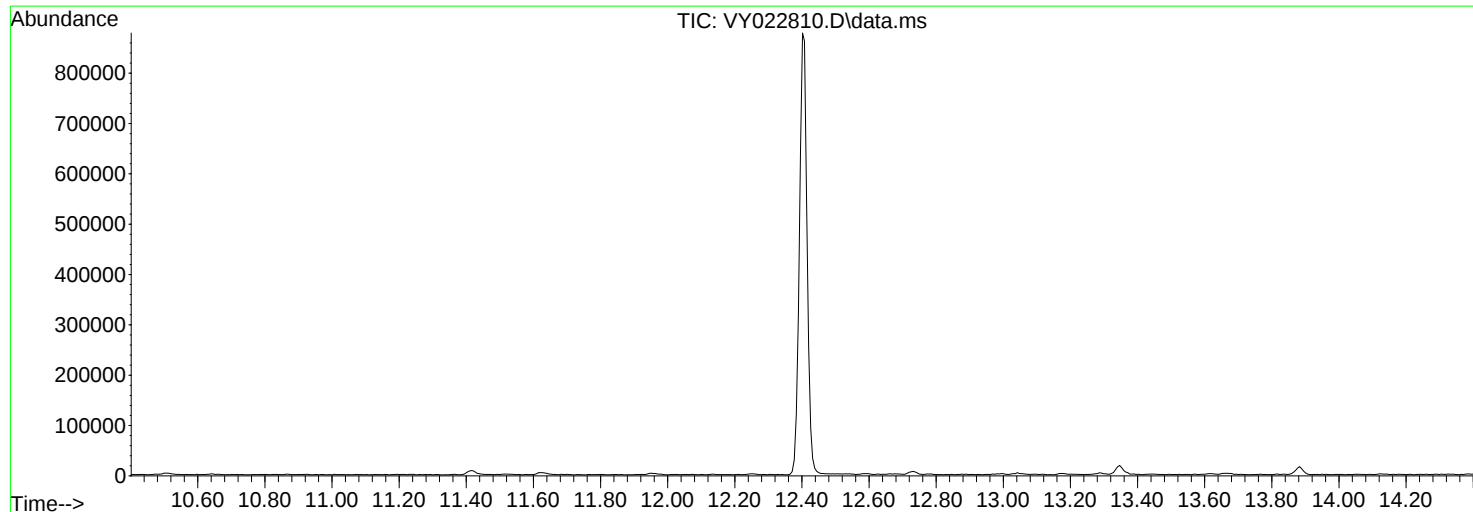
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.8	41667	PASS
75	95	30	60	56.2	102659	PASS
95	95	100	100	100.0	182635	PASS
96	95	5	9	6.8	12459	PASS
173	174	0.00	2	1.1	1700	PASS
174	95	50	100	81.9	149608	PASS
175	174	5	9	7.4	11034	PASS
176	174	95	101	95.5	142859	PASS
177	176	5	9	6.5	9270	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022810.D
Acq On : 25 Jun 2025 08:41
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260
Last Update : Tue Jun 24 08:29:52 2025



AutoFind: Scans 1751, 1752, 1753; Background Corrected with Scan 1743

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.0	34373	PASS
75	95	30	60	56.3	84245	PASS
95	95	100	100	100.0	149648	PASS
96	95	5	9	6.9	10360	PASS
173	174	0.00	2	1.2	1391	PASS
174	95	50	100	80.5	120411	PASS
175	174	5	9	7.5	9006	PASS
176	174	95	101	98.8	119011	PASS
177	176	5	9	6.5	7784	PASS

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	AS Jenks School	Date Received:	
Client Sample ID:	VY0625SBL01	SDG No.:	Q2425
Lab Sample ID:	VY0625SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022812.D	1		06/25/25 09:46	VY062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	2.02	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.2		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		17 - 146	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	322000	7.707			
540-36-3	1,4-Difluorobenzene	582000	8.616			
3114-55-4	Chlorobenzene-d5	555000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	249000	13.346			

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_Y\Data\VY062525\
 Data File : VY022812.D
 Acq On : 25 Jun 2025 09:46
 Operator : SY/MD
 Sample : VY0625SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBL01

Quant Time: Jun 26 01:21:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	322245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	582244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	555259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173470	48.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.460%
35) Dibromofluoromethane	7.634	113	176319	49.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.103	98	692371	49.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.401	95	240647	53.277	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.560%

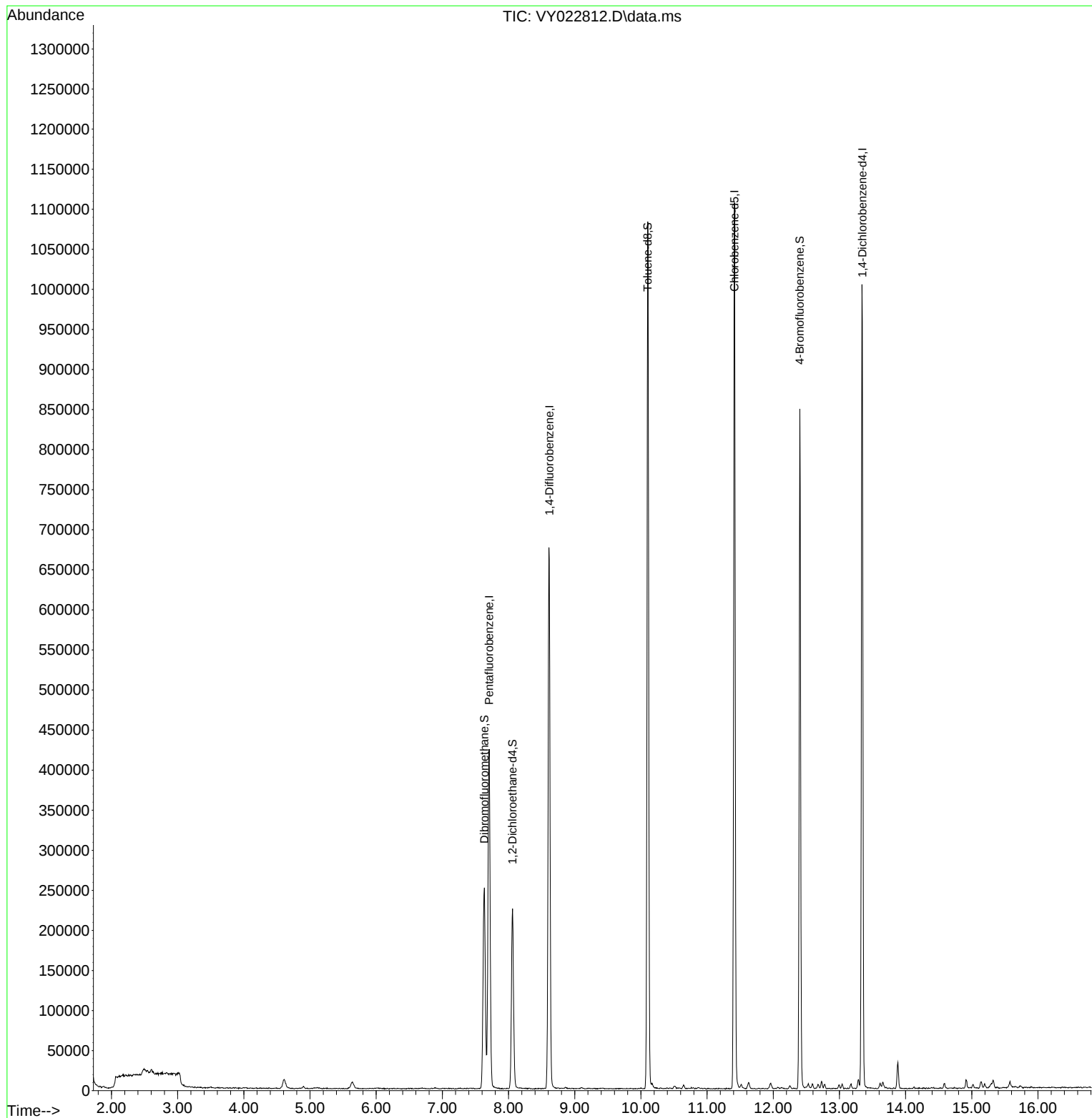
Target Compounds	Qvalue

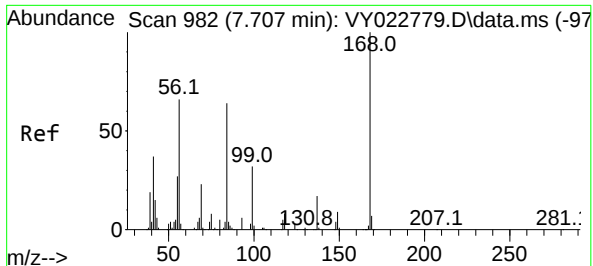
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022812.D
Acq On : 25 Jun 2025 09:46
Operator : SY/MD
Sample : VY0625SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

Quant Time: Jun 26 01:21:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

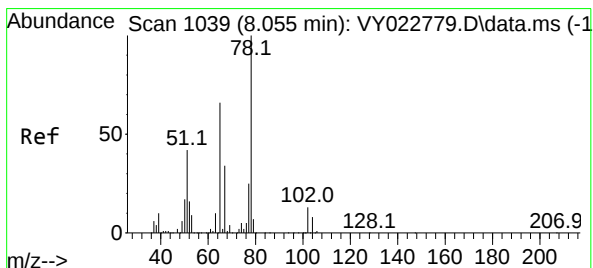
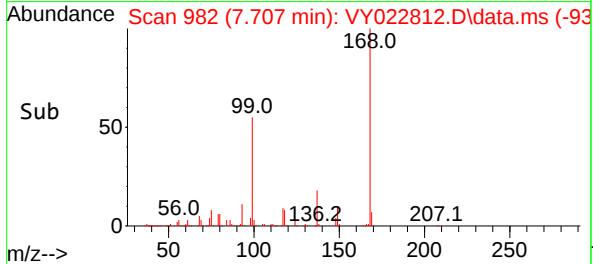
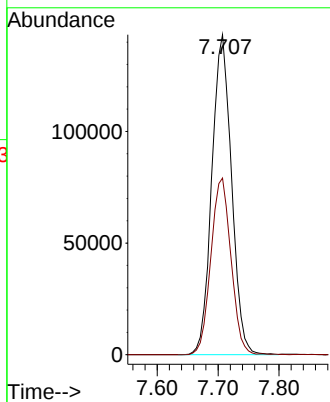
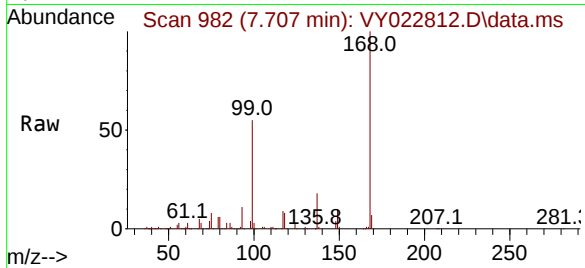




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

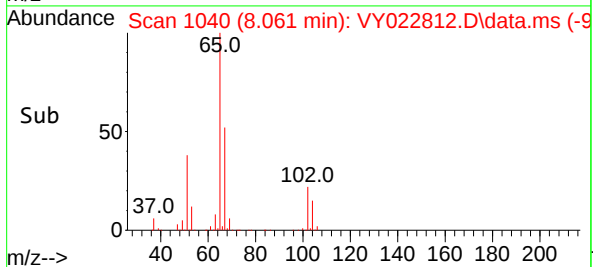
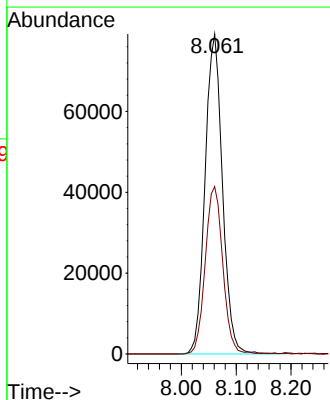
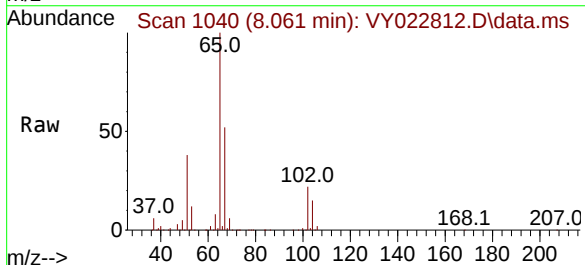
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

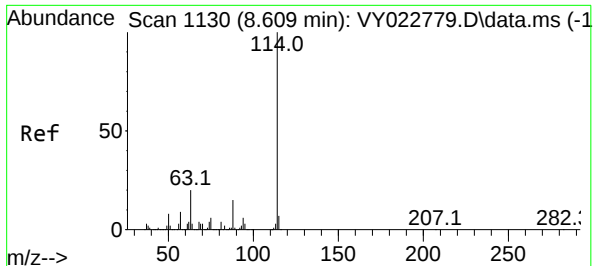
Tgt Ion:168 Resp: 322245
Ion Ratio Lower Upper
168 100
99 55.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 48.232 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 65 Resp: 173470
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022812.D

Acq: 25 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBL01

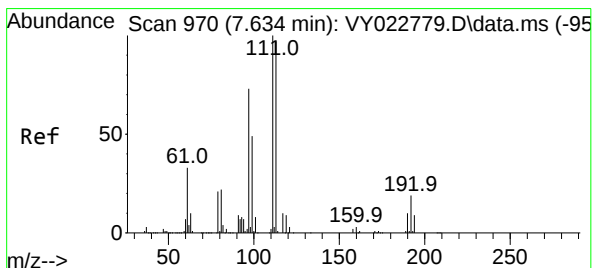
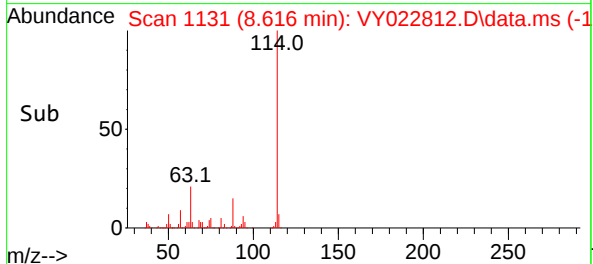
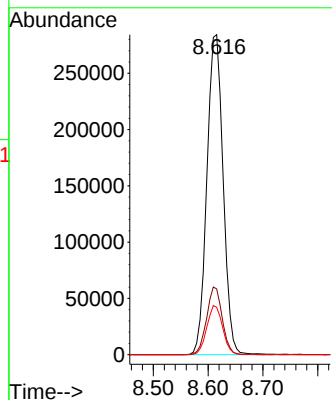
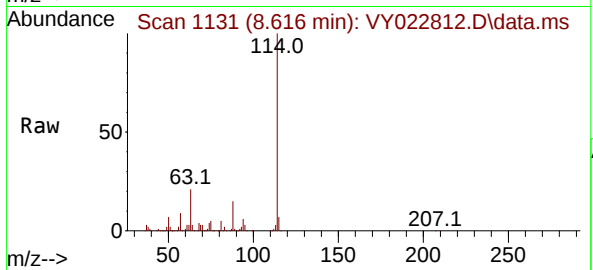
Tgt Ion:114 Resp: 582244

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 14.8 0.0 27.8



#35

Dibromofluoromethane

Concen: 49.795 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY022812.D

Acq: 25 Jun 2025 09:46

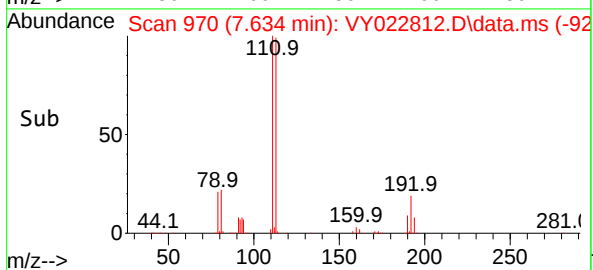
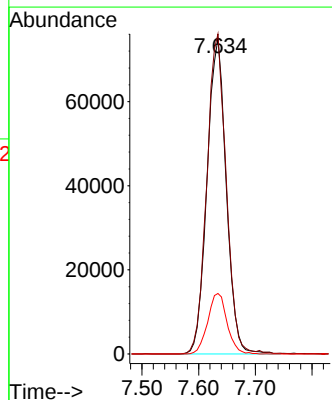
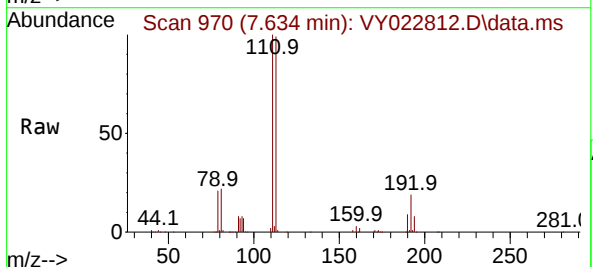
Tgt Ion:113 Resp: 176319

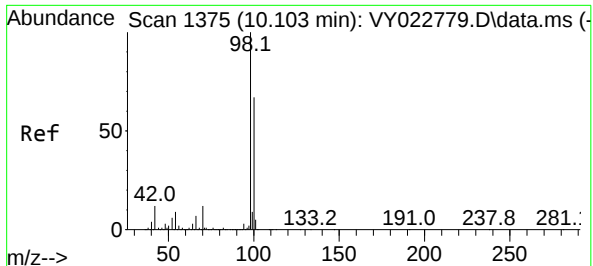
Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

192 19.3 14.2 21.2

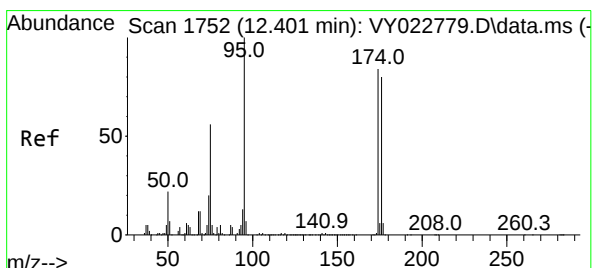
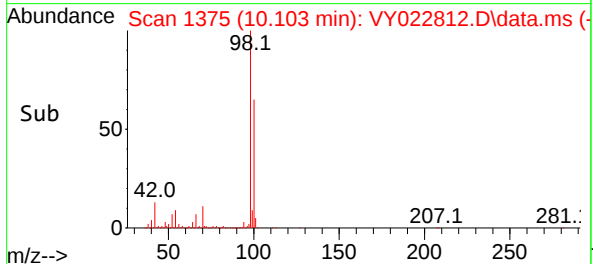
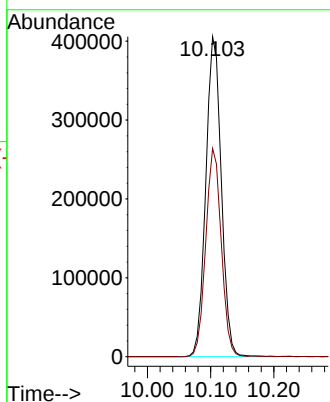
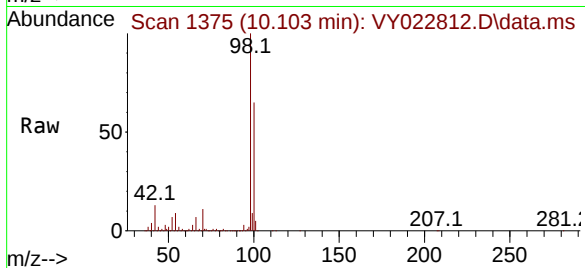




#50
Toluene-d8
Concen: 49.276 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

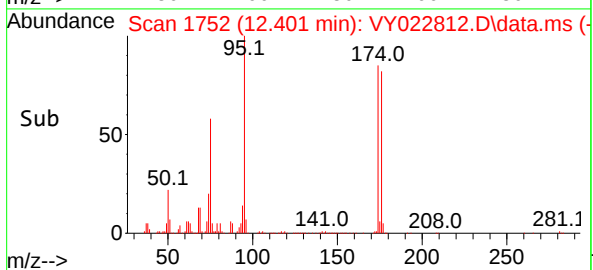
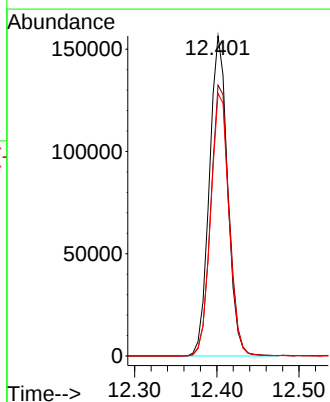
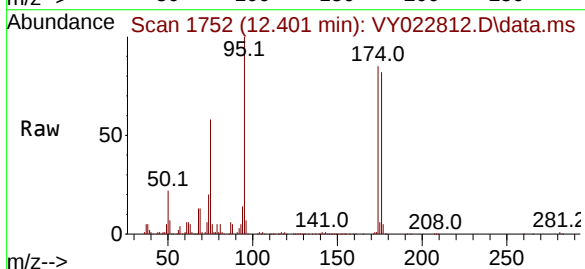
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

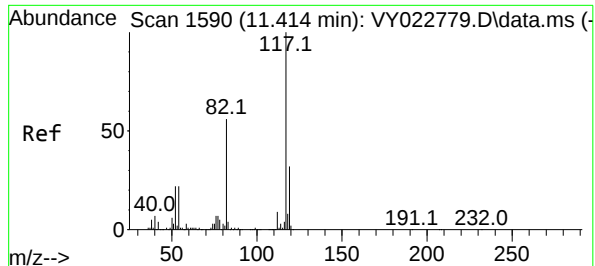
Tgt Ion: 98 Resp: 692371
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 53.277 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 95 Resp: 240647
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.0
176 82.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022812.D

Acq: 25 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBL01

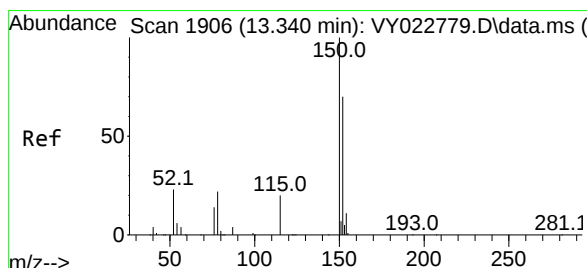
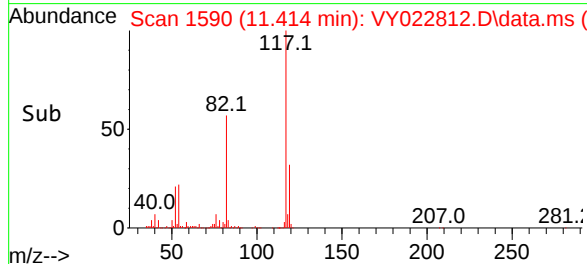
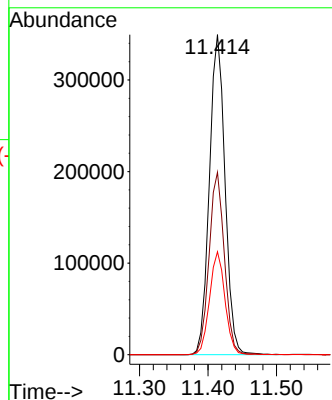
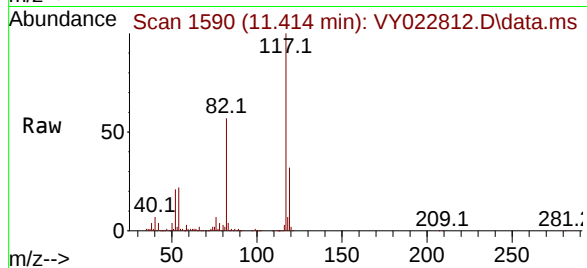
Tgt Ion:117 Resp: 555259

Ion Ratio Lower Upper

117 100

82 57.0 44.6 66.8

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022812.D

Acq: 25 Jun 2025 09:46

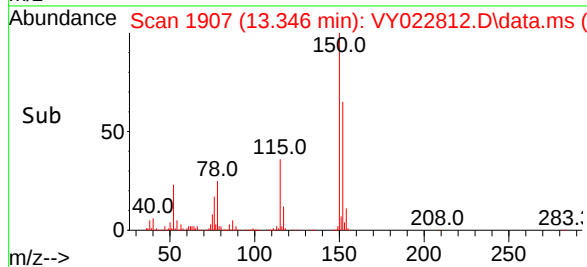
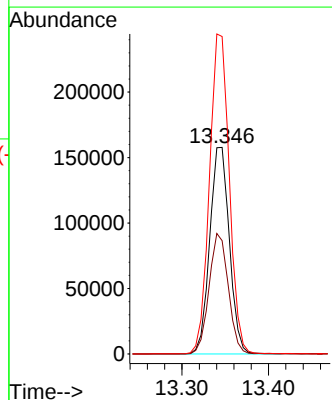
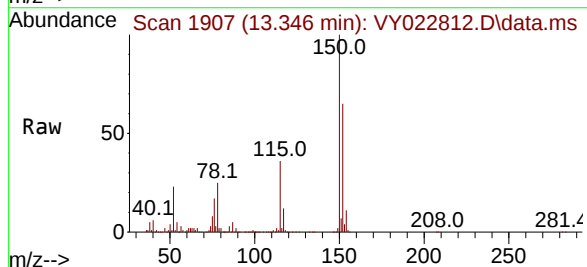
Tgt Ion:152 Resp: 248657

Ion Ratio Lower Upper

152 100

115 57.0 28.9 86.7

150 155.7 0.0 349.6



Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	AS Jenks School	Date Received:	
Client Sample ID:	VY0625SBS01	SDG No.:	Q2425
Lab Sample ID:	VY0625SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022813.D	1		06/25/25 10:18	VY062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	20.1		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.2		0.93	5.00	ug/Kg
71-43-2	Benzene	20.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
108-88-3	Toluene	20.2		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	59.5		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	20.3		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	434000	7.707			
540-36-3	1,4-Difluorobenzene	722000	8.61			
3114-55-4	Chlorobenzene-d5	625000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	303000	13.346			

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_Y\Data\VY062525\
 Data File : VY022813.D
 Acq On : 25 Jun 2025 10:18
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:21:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	433589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	722109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	625216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	303331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	242621	50.136	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.280%			
35) Dibromofluoromethane	7.628	113	220103	50.120	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.103	98	890330	51.092	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.402	95	278337	49.686	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	81186	21.897	ug/l	95
3) Chloromethane	2.068	50	135254	19.104	ug/l	97
4) Vinyl Chloride	2.202	62	179649	20.311	ug/l	99
5) Bromomethane	2.586	94	158066	22.731	ug/l	100
6) Chloroethane	2.726	64	120447	20.258	ug/l	99
7) Trichlorofluoromethane	3.050	101	204622	20.893	ug/l	99
8) Diethyl Ether	3.452	74	48452	20.030	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	92792	20.732	ug/l	97
10) Methyl Iodide	4.001	142	87122	17.878	ug/l	99
11) Tert butyl alcohol	4.860	59	32380	100.628	ug/l	97
12) 1,1-Dichloroethene	3.781	96	89307	20.349	ug/l	92
13) Acrolein	3.647	56	42800	98.090	ug/l	100
14) Allyl chloride	4.379	41	132935	19.693	ug/l	96
15) Acrylonitrile	5.055	53	100224	99.304	ug/l	100
16) Acetone	3.866	43	118455	129.507	ug/l	98
17) Carbon Disulfide	4.098	76	284304	20.053	ug/l	98
18) Methyl Acetate	4.385	43	55302	18.257	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	243361	20.365	ug/l	98
20) Methylene Chloride	4.610	84	128175	22.190	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	99994	19.936	ug/l	97
22) Diisopropyl ether	6.012	45	296254	19.762	ug/l	97
23) Vinyl Acetate	5.958	43	846321	102.218	ug/l	96
24) 1,1-Dichloroethane	5.909	63	181309	20.023	ug/l	98
25) 2-Butanone	6.890	43	149586	112.367	ug/l	95
26) 2,2-Dichloropropane	6.878	77	154476	20.351	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	116946	20.065	ug/l	98
28) Bromochloromethane	7.238	49	74195	19.490	ug/l	91
29) Tetrahydrofuran	7.256	42	83626	99.484	ug/l	97
30) Chloroform	7.415	83	186763	20.025	ug/l	96
31) Cyclohexane	7.695	56	169303	20.368	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	163141	20.242	ug/l	99
36) 1,1-Dichloropropene	7.829	75	135413	20.343	ug/l	99
37) Ethyl Acetate	6.982	43	59185	20.605	ug/l	98
38) Carbon Tetrachloride	7.817	117	143061	20.369	ug/l	100
39) Methylcyclohexane	9.103	83	177352	20.588	ug/l	99
40) Benzene	8.079	78	411248	20.095	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022813.D
 Acq On : 25 Jun 2025 10:18
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:21:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	31682	17.917	ug/l	92
42) 1,2-Dichloroethane	8.152	62	114922	20.492	ug/l	99
43) Isopropyl Acetate	8.195	43	120554	20.194	ug/l	98
44) Trichloroethene	8.859	130	107469	20.915	ug/l	100
45) 1,2-Dichloropropane	9.140	63	95404	19.918	ug/l	96
46) Dibromomethane	9.231	93	55489	20.407	ug/l	97
47) Bromodichloromethane	9.420	83	142732	20.357	ug/l	100
48) Methyl methacrylate	9.219	41	56946	19.842	ug/l	93
49) 1,4-Dioxane	9.231	88	13775	428.799	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	312167	102.898	ug/l	95
52) Toluene	10.164	92	260309	20.161	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	126276	20.017	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	148869	20.352	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	72106	20.479	ug/l	96
56) Ethyl methacrylate	10.438	69	94517	19.953	ug/l	95
57) 1,3-Dichloropropane	10.713	76	123837	20.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	231051	102.647	ug/l	96
59) 2-Hexanone	10.755	43	225152	109.161	ug/l	97
60) Dibromochloromethane	10.908	129	91915	20.211	ug/l	99
61) 1,2-Dibromoethane	11.012	107	65422	19.856	ug/l	99
64) Tetrachloroethene	10.640	164	128793	21.806	ug/l	98
65) Chlorobenzene	11.438	112	273856	19.934	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	91854	19.740	ug/l	99
67) Ethyl Benzene	11.518	91	484455	20.071	ug/l	99
68) m/p-Xylenes	11.627	106	371550	39.820	ug/l	98
69) o-Xylene	11.950	106	173353	19.717	ug/l	98
70) Styrene	11.963	104	288868	19.615	ug/l	99
71) Bromoform	12.127	173	50492	19.488	ug/l #	98
73) Isopropylbenzene	12.249	105	454532	20.261	ug/l	99
74) N-amyl acetate	12.066	43	105475	20.947	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	68614	18.978	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62922m	20.319	ug/l	
77) Bromobenzene	12.530	156	102271	20.113	ug/l	99
78) n-propylbenzene	12.590	91	554312	20.466	ug/l	98
79) 2-Chlorotoluene	12.676	91	307549	20.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	369334	20.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	24529	20.011	ug/l	98
82) 4-Chlorotoluene	12.773	91	317157	19.731	ug/l	99
83) tert-Butylbenzene	12.993	119	332288	20.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	362862	20.013	ug/l	100
85) sec-Butylbenzene	13.170	105	495337	20.613	ug/l	99
86) p-Isopropyltoluene	13.285	119	404929	20.249	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	200924	19.675	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	202091	19.922	ug/l	99
89) n-Butylbenzene	13.615	91	386027	20.522	ug/l	99
90) Hexachloroethane	13.877	117	81416	20.442	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	177811	19.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11840	19.311	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	103180	20.306	ug/l	98
94) Hexachlorobutadiene	15.017	225	59479	20.700	ug/l	97
95) Naphthalene	15.139	128	183849	20.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	85735	19.526	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022813.D
Acq On : 25 Jun 2025 10:18
Operator : SY/MD
Sample : VY0625SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:21:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

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

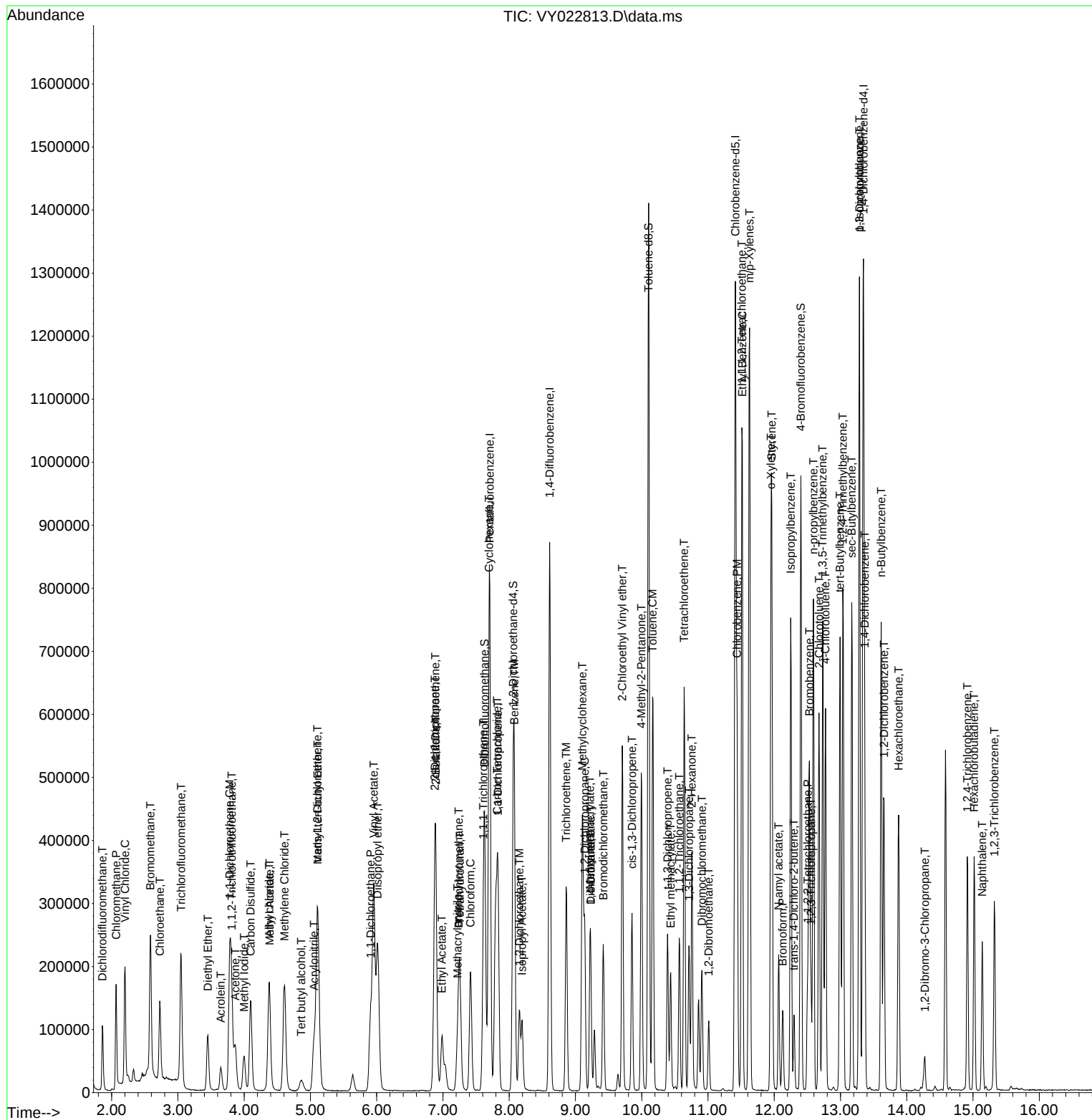
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022813.D
 Acq On : 25 Jun 2025 10:18
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Quant Time: Jun 26 01:21:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	AS Jenks School	Date Received:	
Client Sample ID:	VY0625SBSD01	SDG No.:	Q2425
Lab Sample ID:	VY0625SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022814.D	1		06/25/25 10:40	VY062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	20.4		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.5		0.93	5.00	ug/Kg
71-43-2	Benzene	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.4		0.81	5.00	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	61.2		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	21.3		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	425000	7.707			
540-36-3	1,4-Difluorobenzene	718000	8.61			
3114-55-4	Chlorobenzene-d5	607000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	290000	13.34			

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_Y\Data\VY062525\
 Data File : VY022814.D
 Acq On : 25 Jun 2025 10:40
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	424898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	717544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	607296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	290027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	242030	51.037	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.080%			
35) Dibromofluoromethane	7.634	113	222927	51.086	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.103	98	890947	51.452	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.402	95	275492	49.491	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78745	21.673	ug/l	96
3) Chloromethane	2.068	50	138945	20.027	ug/l	98
4) Vinyl Chloride	2.202	62	182054	21.004	ug/l	99
5) Bromomethane	2.586	94	157128	23.059	ug/l	95
6) Chloroethane	2.733	64	121275	20.815	ug/l	96
7) Trichlorofluoromethane	3.050	101	200667	20.908	ug/l	98
8) Diethyl Ether	3.446	74	50073	21.124	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.805	101	91009	20.749	ug/l	96
10) Methyl Iodide	4.001	142	94146	19.715	ug/l	100
11) Tert butyl alcohol	4.860	59	33452	106.086	ug/l	96
12) 1,1-Dichloroethene	3.787	96	88942	20.680	ug/l	94
13) Acrolein	3.653	56	42644	99.732	ug/l	97
14) Allyl chloride	4.379	41	133965	20.251	ug/l	96
15) Acrylonitrile	5.055	53	101457	102.582	ug/l	99
16) Acetone	3.866	43	113350	126.460	ug/l	98
17) Carbon Disulfide	4.098	76	283426	20.400	ug/l	100
18) Methyl Acetate	4.385	43	55317	18.636	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	245173	20.936	ug/l	100
20) Methylene Chloride	4.610	84	119529	21.116	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	100045	20.354	ug/l	98
22) Diisopropyl ether	6.012	45	300315	20.442	ug/l	97
23) Vinyl Acetate	5.958	43	862587	106.314	ug/l	99
24) 1,1-Dichloroethane	5.915	63	182067	20.518	ug/l	98
25) 2-Butanone	6.890	43	148381	113.742	ug/l	98
26) 2,2-Dichloropropane	6.884	77	155434	20.896	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	116462	20.390	ug/l	99
28) Bromochloromethane	7.238	49	73668	19.747	ug/l	90
29) Tetrahydrofuran	7.256	42	85568	103.877	ug/l	98
30) Chloroform	7.421	83	184957	20.237	ug/l	97
31) Cyclohexane	7.695	56	166199	20.404	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	161699	20.473	ug/l	100
36) 1,1-Dichloropropene	7.835	75	137152	20.735	ug/l	99
37) Ethyl Acetate	6.982	43	60434	21.174	ug/l	98
38) Carbon Tetrachloride	7.817	117	143555	20.569	ug/l	97
39) Methylcyclohexane	9.103	83	176753	20.649	ug/l	98
40) Benzene	8.073	78	414868	20.400	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022814.D
 Acq On : 25 Jun 2025 10:40
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	31667m	18.022	ug/l	
42) 1,2-Dichloroethane	8.152	62	114004	20.458	ug/l	100
43) Isopropyl Acetate	8.195	43	121769	20.527	ug/l	96
44) Trichloroethene	8.859	130	104305	20.429	ug/l	97
45) 1,2-Dichloropropane	9.140	63	96701	20.317	ug/l	97
46) Dibromomethane	9.231	93	54575	20.199	ug/l	95
47) Bromodichloromethane	9.420	83	141655	20.332	ug/l	99
48) Methyl methacrylate	9.219	41	59325	20.803	ug/l	95
49) 1,4-Dioxane	9.225	88	13207	413.733	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	312180	103.557	ug/l	95
52) Toluene	10.170	92	257140	20.043	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	126193	20.131	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	149309	20.542	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	70896	20.264	ug/l	99
56) Ethyl methacrylate	10.438	69	95154	20.215	ug/l	96
57) 1,3-Dichloropropane	10.713	76	125950	20.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	230014	102.808	ug/l	97
59) 2-Hexanone	10.755	43	221825	108.232	ug/l	98
60) Dibromochloromethane	10.908	129	91897	20.335	ug/l	100
61) 1,2-Dibromoethane	11.012	107	66514	20.316	ug/l	99
64) Tetrachloroethene	10.646	164	107596	18.754	ug/l	98
65) Chlorobenzene	11.438	112	274373	20.561	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	91628	20.273	ug/l	98
67) Ethyl Benzene	11.518	91	482855	20.595	ug/l	97
68) m/p-Xylenes	11.621	106	371302	40.968	ug/l	99
69) o-Xylene	11.950	106	172619	20.213	ug/l	99
70) Styrene	11.963	104	291429	20.373	ug/l	99
71) Bromoform	12.127	173	50533	20.079	ug/l #	99
73) Isopropylbenzene	12.249	105	455955	21.257	ug/l	99
74) N-amyl acetate	12.066	43	105137	21.837	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.499	83	77969	22.554	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62785m	21.204	ug/l	
77) Bromobenzene	12.530	156	103458	21.280	ug/l	98
78) n-propylbenzene	12.591	91	552810	21.346	ug/l	99
79) 2-Chlorotoluene	12.676	91	310185	21.200	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	366043	21.140	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	24135	20.593	ug/l	96
82) 4-Chlorotoluene	12.773	91	321374	20.911	ug/l	100
83) tert-Butylbenzene	12.993	119	324534	21.252	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	367087	21.175	ug/l	99
85) sec-Butylbenzene	13.170	105	487318	21.210	ug/l	98
86) p-Isopropyltoluene	13.286	119	399571	20.898	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	204529	20.947	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	198671	20.483	ug/l	99
89) n-Butylbenzene	13.615	91	381348	21.203	ug/l	100
90) Hexachloroethane	13.877	117	80642	21.176	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	176576	20.521	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11732	20.012	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	98311	20.236	ug/l	99
94) Hexachlorobutadiene	15.017	225	54711	19.914	ug/l	99
95) Naphthalene	15.139	128	180073	20.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	83548	19.901	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022814.D
Acq On : 25 Jun 2025 10:40
Operator : SY/MD
Sample : VY0625SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

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

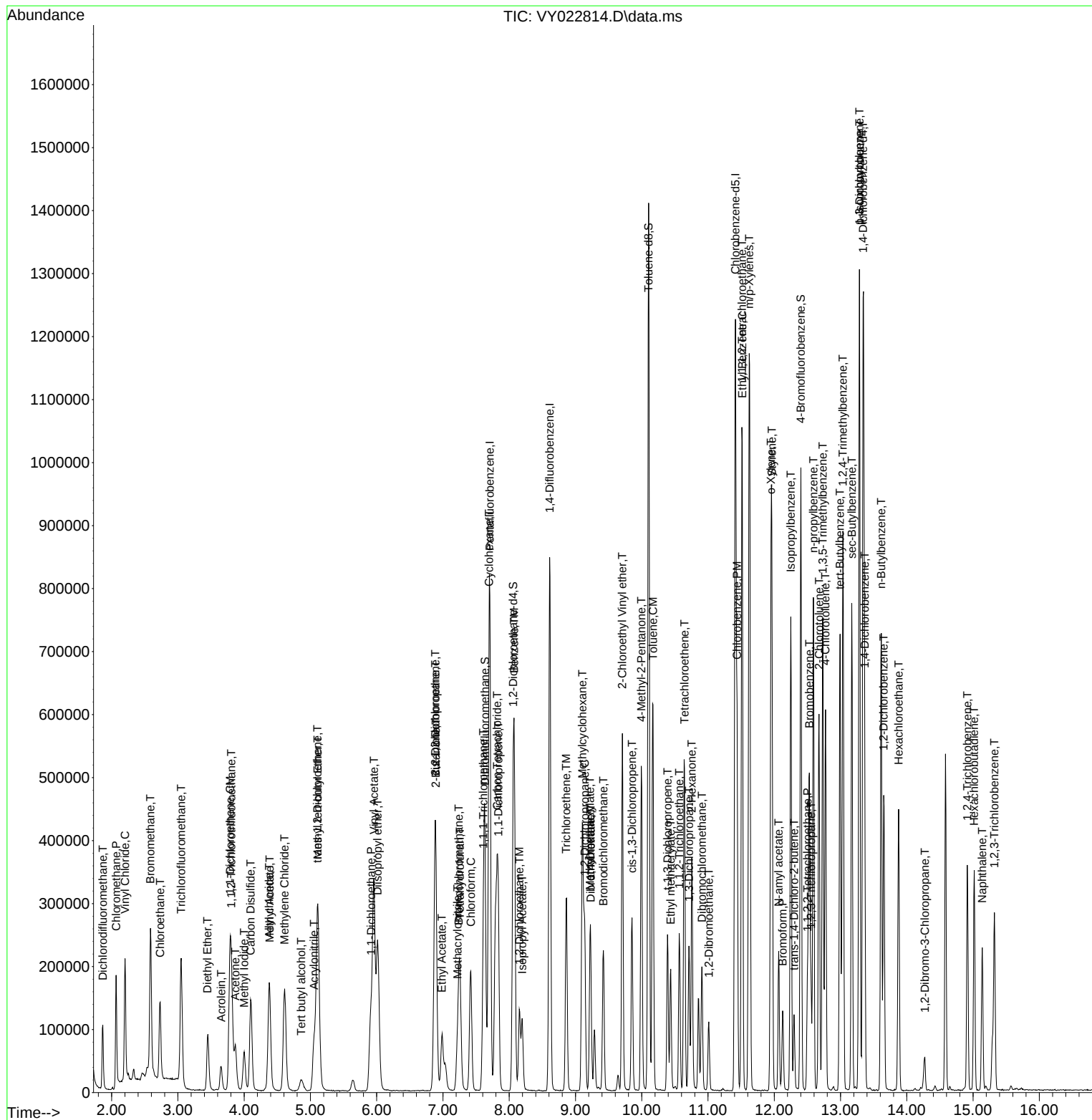
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022814.D
Acq On : 25 Jun 2025 10:40
Operator : SY/MD
Sample : VY0625SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



Manual Integration Report

Sequence:	VY062325	Instrument	MSVOA_y
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDIC005	VY022776.D	1,2,3-Trichloropropane	MMDadod a	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDIC005	VY022776.D	Methacrylonitrile	MMDadod a	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDIC010	VY022777.D	1,2,3-Trichloropropane	MMDadod a	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDIC010	VY022777.D	Methacrylonitrile	MMDadod a	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDIC020	VY022778.D	1,2,3-Trichloropropane	MMDadod a	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDIC020	VY022778.D	Methacrylonitrile	MMDadod a	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDICCC050	VY022779.D	1,2,3-Trichloropropane	MMDadod a	6/24/2025 8:24:00 AM	Sam	6/24/2025 8:27:51 AM	Peak Integrated by Software
VSTDIC100	VY022780.D	1,2,3-Trichloropropane	MMDadod a	6/24/2025 8:23:59 AM	Sam	6/24/2025 8:27:52 AM	Peak Integrated by Software
VSTDIC150	VY022781.D	1,2,3-Trichloropropane	MMDadod a	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:53 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	1,2,3-Trichloropropane	MMDadod a	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	Methacrylonitrile	MMDadod a	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

vy062525

Instrument

MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022811.D	1,2,3-Trichloropropane	MMDadoda	6/26/2025 2:39:31 PM	Sam	6/26/2025 2:42:12 PM	Peak Integrated by Software
VSTDCCC050	VY022811.D	Methacrylonitrile	MMDadoda	6/26/2025 2:39:31 PM	Sam	6/26/2025 2:42:12 PM	Peak Integrated by Software
VY0625SBS01	VY022813.D	1,2,3-Trichloropropane	MMDadoda	6/26/2025 2:39:32 PM	Sam	6/26/2025 2:42:14 PM	Peak Integrated by Software
VY0625SBSD01	VY022814.D	1,2,3-Trichloropropane	MMDadoda	6/26/2025 2:39:33 PM	Sam	6/26/2025 2:42:17 PM	Peak Integrated by Software
VY0625SBSD01	VY022814.D	Methacrylonitrile	MMDadoda	6/26/2025 2:39:33 PM	Sam	6/26/2025 2:42:17 PM	Peak Integrated by Software
VSTDCCC050	VY022836.D	1,2,3-Trichloropropane	MMDadoda	6/26/2025 2:39:34 PM	Sam	6/26/2025 2:42:19 PM	Peak Integrated by Software

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM		
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP134461			
Initial Calibration Stds		VP134462,VP134463,VP134464,VP134465,VP134466,VP134467			
CCC					
Internal Standard/PEM		VP133934			
ICV/I.BLK		VP134468			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022775.D	23 Jun 2025 10:17	SY/MD	Ok
2	VSTDIC005	VY022776.D	23 Jun 2025 13:38	SY/MD	Ok,M
3	VSTDIC010	VY022777.D	23 Jun 2025 14:00	SY/MD	Ok,M
4	VSTDIC020	VY022778.D	23 Jun 2025 14:23	SY/MD	Ok,M
5	VSTDIC050	VY022779.D	23 Jun 2025 14:46	SY/MD	Ok,M
6	VSTDIC100	VY022780.D	23 Jun 2025 15:08	SY/MD	Ok,M
7	VSTDIC150	VY022781.D	23 Jun 2025 15:31	SY/MD	Ok,M
8	VIBLK	VY022782.D	23 Jun 2025 15:54	SY/MD	Ok
9	VSTDICV050	VY022783.D	23 Jun 2025 16:17	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY062525

Review By	Mahesh Dadoda	Review On	6/26/2025 2:39:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/26/2025 2:42:28 PM		
SubDirectory	VY062525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP134515			
CCC		VP134516,VP134517			
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	VY022810.D	25 Jun 2025 08:41	SY/MD	Ok
2	VSTDCCC050	VY022811.D	25 Jun 2025 09:13	SY/MD	Ok,M
3	VY0625SBL01	VY022812.D	25 Jun 2025 09:46	SY/MD	Ok
4	VY0625SBS01	VY022813.D	25 Jun 2025 10:18	SY/MD	Ok,M
5	VY0625SBSD01	VY022814.D	25 Jun 2025 10:40	SY/MD	Ok,M
6	Q2403-03RE	VY022815.D	25 Jun 2025 11:24	SY/MD	Confirms
7	Q2398-06	VY022816.D	25 Jun 2025 11:48	SY/MD	Dilution
8	Q2386-01	VY022817.D	25 Jun 2025 12:11	SY/MD	Ok
9	Q2355-03	VY022818.D	25 Jun 2025 12:35	SY/MD	Ok
10	Q2413-01	VY022819.D	25 Jun 2025 12:58	SY/MD	ReRun
11	Q2413-02	VY022820.D	25 Jun 2025 13:22	SY/MD	Ok
12	Q2413-03	VY022821.D	25 Jun 2025 13:45	SY/MD	Ok
13	Q2413-04	VY022822.D	25 Jun 2025 14:08	SY/MD	Ok
14	Q2413-05	VY022823.D	25 Jun 2025 14:32	SY/MD	Ok
15	Q2413-06	VY022824.D	25 Jun 2025 14:55	SY/MD	ReRun
16	Q2405-03	VY022825.D	25 Jun 2025 15:19	SY/MD	ReRun
17	Q2412-01	VY022826.D	25 Jun 2025 15:42	SY/MD	Ok
18	Q2414-03	VY022827.D	25 Jun 2025 16:05	SY/MD	Ok
19	Q2415-03	VY022828.D	25 Jun 2025 16:29	SY/MD	Ok
20	Q2416-03	VY022829.D	25 Jun 2025 16:52	SY/MD	Ok
21	Q2420-01	VY022830.D	25 Jun 2025 17:16	SY/MD	Ok

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY062525

Review By	Maresh Dadoda	Review On	6/26/2025 2:39:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/26/2025 2:42:28 PM		
SubDirectory	VY062525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP134515			
CCC		VP134516,VP134517			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2425-01	VY022831.D	25 Jun 2025 17:39	SY/MD	Ok
23	Q2425-02	VY022832.D	25 Jun 2025 18:02	SY/MD	Ok
24	Q2425-03	VY022833.D	25 Jun 2025 18:26	SY/MD	Ok
25	Q2423-01	VY022834.D	25 Jun 2025 18:50	SY/MD	Ok
26	VIBLK	VY022835.D	25 Jun 2025 19:13	SY/MD	Ok
27	VSTDCCC050	VY022836.D	25 Jun 2025 19:59	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM		
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP134461			
Initial Calibration Stds		VP134462,VP134463,VP134464,VP134465,VP134466,VP134467			
CCC					
Internal Standard/PEM		VP133934			
ICV/I.BLK		VP134468			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	Sampled	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022775.D	23 Jun 2025 10:17		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY022776.D	23 Jun 2025 13:38	LR- 58	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY022777.D	23 Jun 2025 14:00		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY022778.D	23 Jun 2025 14:23		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY022779.D	23 Jun 2025 14:46		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY022780.D	23 Jun 2025 15:08		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY022781.D	23 Jun 2025 15:31		SY/MD	Ok,M
8	VIBLK	VIBLK	VY022782.D	23 Jun 2025 15:54		SY/MD	Ok
9	VSTDICV050	ICVVY062325	VY022783.D	23 Jun 2025 16:17		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY062525

Review By	Maresh Dadoda	Review On	6/26/2025 2:39:39 PM
Supervise By	Semsettin Yesilyurt	Supervise On	6/26/2025 2:42:28 PM
SubDirectory	VY062525	HP Acquire Method	MSVOA_Y HP Processing Method 82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP134515
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134516,VP134517 VP133934

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022810.D	25 Jun 2025 08:41		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022811.D	25 Jun 2025 09:13		SY/MD	Ok,M
3	VY0625SBL01	VY0625SBL01	VY022812.D	25 Jun 2025 09:46		SY/MD	Ok
4	VY0625SBS01	VY0625SBS01	VY022813.D	25 Jun 2025 10:18		SY/MD	Ok,M
5	VY0625SBSD01	VY0625SBSD01	VY022814.D	25 Jun 2025 10:40		SY/MD	Ok,M
6	Q2403-03RE	LAW-25-0093RE	VY022815.D	25 Jun 2025 11:24	vial-B Internal Standard Fail	SY/MD	Confirms
7	Q2398-06	ARS20-0036	VY022816.D	25 Jun 2025 11:48	vial-B Need MeOH	SY/MD	Dilution
8	Q2386-01	SU-1-062025	VY022817.D	25 Jun 2025 12:11	vial-B	SY/MD	Ok
9	Q2355-03	20071	VY022818.D	25 Jun 2025 12:35	vial-B Internal and surrogate fail	SY/MD	Ok
10	Q2413-01	TP-35	VY022819.D	25 Jun 2025 12:58	vial-A Surrogate Fail	SY/MD	ReRun
11	Q2413-02	TP-34	VY022820.D	25 Jun 2025 13:22	vial-A	SY/MD	Ok
12	Q2413-03	TP-77	VY022821.D	25 Jun 2025 13:45	vial-A	SY/MD	Ok
13	Q2413-04	TP-74	VY022822.D	25 Jun 2025 14:08	vial-A	SY/MD	Ok
14	Q2413-05	TP-73	VY022823.D	25 Jun 2025 14:32	vial-A	SY/MD	Ok
15	Q2413-06	TP-72	VY022824.D	25 Jun 2025 14:55	vial-A Internal Standard Fail	SY/MD	ReRun
16	Q2405-03	MH-M/N-VOC	VY022825.D	25 Jun 2025 15:19	vial-A Internal Standard Fail	SY/MD	ReRun
17	Q2412-01	TR-05-062425	VY022826.D	25 Jun 2025 15:42	vial-A	SY/MD	Ok
18	Q2414-03	WC-1-VOC	VY022827.D	25 Jun 2025 16:05	vial-A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY062525

Review By	Mahesh Dadoda	Review On	6/26/2025 2:39:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/26/2025 2:42:28 PM		
SubDirectory	VY062525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP134515			
CCC		VP134516,VP134517			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q2415-03	WC-1-VOC	VY022828.D	25 Jun 2025 16:29	vial-A	SY/MD	Ok
20	Q2416-03	MH-G/H-VOC	VY022829.D	25 Jun 2025 16:52	vial-A	SY/MD	Ok
21	Q2420-01	72-11933	VY022830.D	25 Jun 2025 17:16	vial-A	SY/MD	Ok
22	Q2425-01	COMP-1	VY022831.D	25 Jun 2025 17:39	vial-A	SY/MD	Ok
23	Q2425-02	COMP-2	VY022832.D	25 Jun 2025 18:02	vial-A	SY/MD	Ok
24	Q2425-03	COMP-3	VY022833.D	25 Jun 2025 18:26	vial-A	SY/MD	Ok
25	Q2423-01	RT915	VY022834.D	25 Jun 2025 18:50	vial-A	SY/MD	Ok
26	VIBLK	VIBLK	VY022835.D	25 Jun 2025 19:13		SY/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VY022836.D	25 Jun 2025 19:59		SY/MD	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136262

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
Q2413-01	TP-35	1	1.18	10.41	11.59	10.42	88.8	
Q2413-02	TP-34	2	1.13	10.60	11.73	10.88	92.0	
Q2413-03	TP-77	3	1.15	10.65	11.8	10.88	91.4	
Q2413-04	TP-74	4	1.15	10.83	11.98	10.84	89.5	
Q2413-05	TP-73	5	1.13	10.86	11.99	9.5	77.1	
Q2413-06	TP-72	6	1.16	10.74	11.9	10.5	87.0	
Q2414-01	WC-1	7	1.19	10.50	11.69	10.58	89.4	
Q2414-02	WC-1-EPH	8	1.17	10.08	11.25	10.22	89.8	
Q2414-03	WC-1-VOC	9	1.15	10.83	11.98	10.97	90.7	
Q2414-04	WC-1	10	1.19	10.50	11.69	10.58	89.4	
Q2415-01	WC-1	11	1.19	10.63	11.82	10.72	89.7	
Q2415-02	WC-1-EPH	12	1.15	10.00	11.15	10.12	89.7	
Q2415-03	WC-1-VOC	13	1.19	10.27	11.46	10.4	89.7	
Q2416-01	MH-G/H	14	1.15	10.86	12.01	10.89	89.7	
Q2416-02	MH-G/H-EPH	15	1.14	10.41	11.55	10.52	90.1	
Q2416-03	MH-G/H-VOC	16	1.12	10.57	11.69	10.8	91.6	
Q2416-04	MH-G/H	17	1.15	10.86	12.01	10.89	89.7	
Q2419-01	EO-03-06252025	26	1.17	10.53	11.7	10.97	93.1	
Q2419-02	EO-03-06252025-E2	27	1.13	10.23	11.36	10.36	90.2	
Q2420-01	72-11933	18	1.18	10.49	11.67	11.03	93.9	
Q2421-01	62325	19	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-02	624-A	20	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-03	624-B	21	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-04	624-C	22	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-05	624-D	23	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-06	62325-A	24	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2422-01	60263	25	1.00	1.00	2.00	2.00	100.0	oil sample
Q2423-01	RT915	28	1.19	10.63	11.82	10.88	91.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136262

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
Q2423-02	RT915	29	1.14	10.45	11.59	10.84	92.8	
Q2425-01	COMP-1	30	1.19	10.38	11.57	9.17	76.9	
Q2425-02	COMP-2	31	1.15	10.37	11.52	9.41	79.7	
Q2425-03	COMP-3	32	1.12	10.71	11.83	9.97	82.6	

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

WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2413-01	TP-35	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-02	TP-34	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-03	TP-77	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-04	TP-74	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-05	TP-73	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-06	TP-72	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-01	WC-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2414-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2414-04	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2415-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2415-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2415-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-01	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-02	MH-G/H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2416-03	MH-G/H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2416-04	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2419-01	EO-03-06252025	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2419-02	EO-03-06252025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2420-01	72-11933	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2421-01	62325	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/25/2025	Chemtech -SO
Q2421-01	62325	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO

Date/Time 06/25/25 15:10

Raw Sample Received by: spwc

Raw Sample Relinquished by: CP SM

Date/Time 06/25/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: spwc

WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2421-02	624-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-03	624-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-04	624-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-05	624-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-06	62325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2422-01	60263	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-01	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-02	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2425-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/25/2025	Chemtech -SO
Q2425-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO
Q2425-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO

Date/Time 06/25/25 15:10

Raw Sample Received by: sf wocj

Raw Sample Relinquished by: cp sm

Date/Time 06/25/25

Raw Sample Received by: cp sm

Raw Sample Relinquished by: sf wocj



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY: Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

PROJECT NAME: AS Jenks School
PROJECT NO.: 16000957.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

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

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

PADEP Historic
Lab Full Parameters

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	COMP-1	Soil	✓		6/24/15	9:05	4	✓									
2.	COMP-2	↓	↓		↓	9:30	↓	↓									
3.	COMP-3	↓	↓		↓	9:45	↓	↓									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>6/24/15</u>	RECEIVED BY: <u>[Signature]</u>	6/25/15 1345	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY:		Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY:		

Page 1 of 1 CLIENT: ☐ Hand Delivered ☒ Other FedEx Shipment Complete ☐ YES ☐ NO

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2425 POWE02

Order Date : 6/25/2025 2:03:00 PM

Project Mgr :

Client Name : Kleinfelder

Project Name : AS Jenks School

Report Type : Results+QC

Client Contact : Mark Warchol

Receive DateTime : 6/25/2025 1:45:00 PM

EDD Type : EXCEL NOCLEANUP

Invoice Name : Kleinfelder

Purchase Order :

Hard Copy Date :

Invoice Contact : Mark Warchol

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2425-01	COMP-1	Solid	06/24/2025	09:05					
					VOCMS Group1		8260D	5 Bus. Days	
Q2425-02	COMP-2	Solid	06/24/2025	09:30					
					VOCMS Group1		8260D	5 Bus. Days	
Q2425-03	COMP-3	Solid	06/24/2025	09:45					
					VOCMS Group1		8260D	5 Bus. Days	

Relinquished By :

Date / Time : 6/24/25 14:50

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room