

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031953.D
 Acq On : 28 Aug 2023 20:19
 Operator : SY/MD
 Sample : 04175-06ME
 Misc : 4.86g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 00:10:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 26 00:50:15 2023
 Response via : Initial Calibration

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

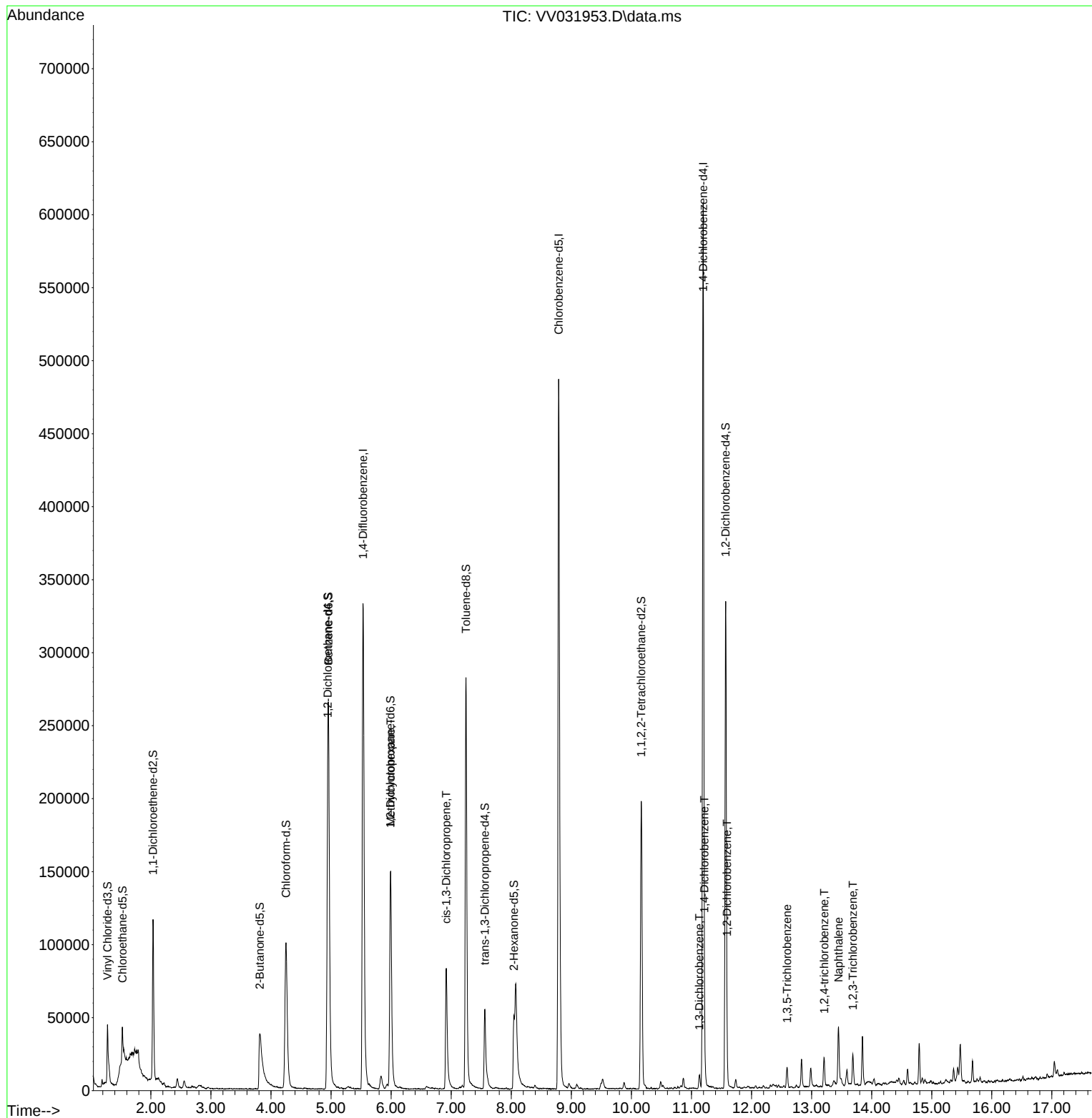
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	302936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	295134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	152427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38929	20.533	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	41.060%#		
7) Chloroethane-d5	1.526	69	26034	15.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	31.320%#		
11) 1,1-Dichloroethene-d2	2.037	65	19116	21.533	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	43.060%#		
21) 2-Butanone-d5	3.815	46	93203	62.506	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	62.510%		
24) Chloroform-d	4.249	84	114214	27.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	55.120%#		
26) 1,2-Dichloroethane-d4	4.944	65	80729	29.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	58.720%#		
32) Benzene-d6	4.957	84	223149	27.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	55.420%#		
36) 1,2-Dichloropropane-d6	5.989	67	80764	31.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	62.320%#		
41) Toluene-d8	7.246	98	193809	26.118	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	52.240%#		
43) trans-1,3-Dichloroprop...	7.561	79	37892	28.204	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.400%#		
47) 2-Hexanone-d5	8.043	63	15131	19.045	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	19.050%#		
56) 1,1,2,2-Tetrachloroeth...	10.165	84	115733	34.551	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	69.100%		
66) 1,2-Dichlorobenzene-d4	11.570	152	83566	30.074	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	60.140%#		
Target Compounds						Qvalue
35) Methylcyclohexane	5.992	83	18527	5.743	ug/L #	19
39) cis-1,3-Dichloropropene	6.918	75	2503	0.640	ug/L #	38
64) 1,3-Dichlorobenzene	11.133	146	3795	0.829	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	4505	0.968	ug/L	93
67) 1,2-Dichlorobenzene	11.590	146	3892	0.858	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.590	180	3705	1.111	ug/L	92
70) 1,2,4-trichlorobenzene	13.210	180	5545	1.732	ug/L	99
71) Naphthalene	13.448	128	30058	2.938	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	5900	1.923	ug/L	99

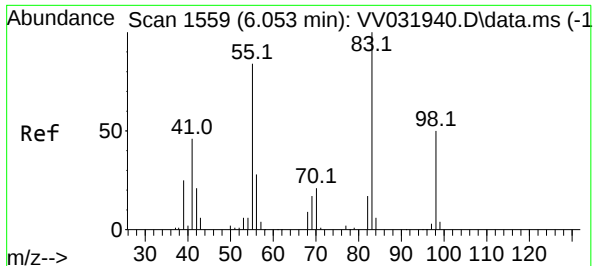
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031953.D
Acq On : 28 Aug 2023 20:19
Operator : SY/MD
Sample : 04175-06ME
Misc : 4.86g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 29 00:10:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 26 00:50:15 2023
Response via : Initial Calibration

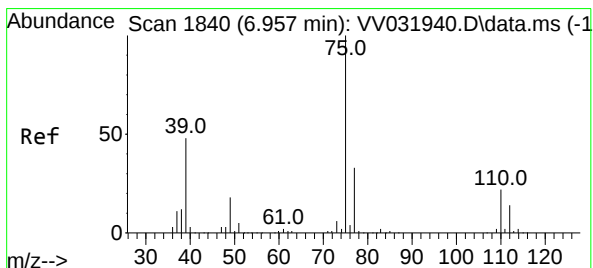
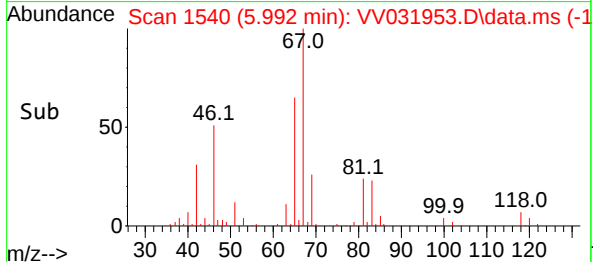
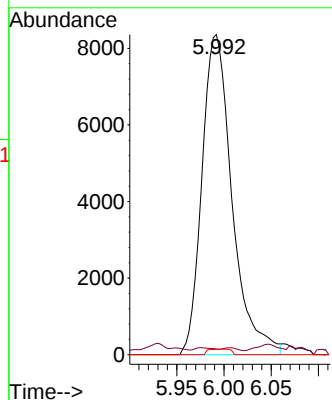
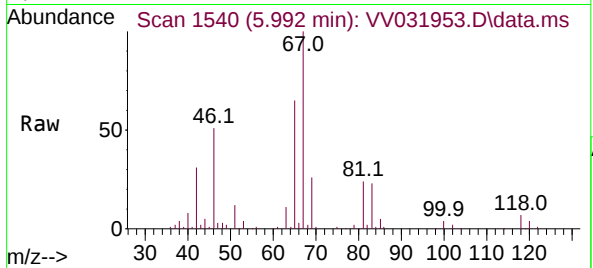




#35
Methylcyclohexane
Concen: 5.743 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV031953.D
Acq: 28 Aug 2023 20:19

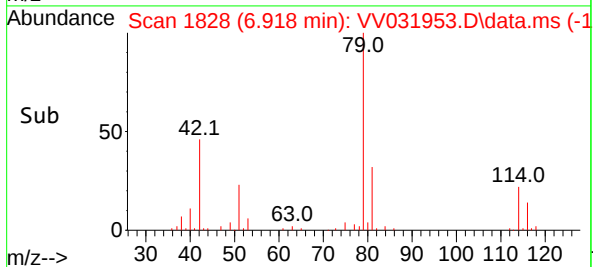
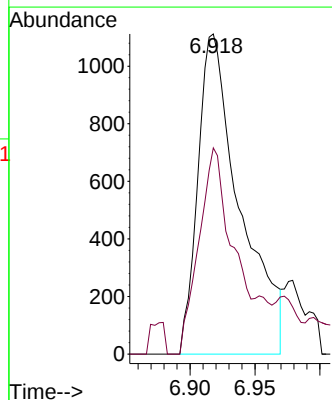
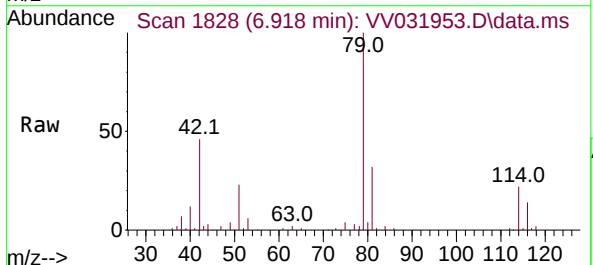
Instrument :
MSVOA_V
ClientSampleId :

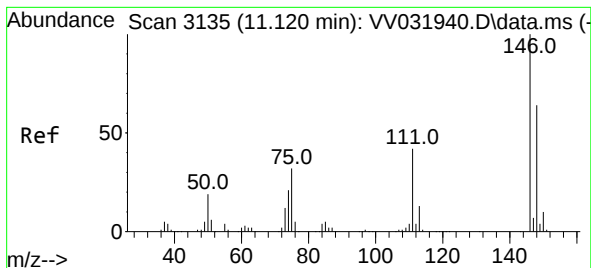
Tgt Ion: 83 Resp: 18527
Ion Ratio Lower Upper
83 100
55 0.5 62.2 93.2#
98 0.4 36.7 55.1#



#39
cis-1,3-Dichloropropene
Concen: 0.640 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.038 min
Lab File: VV031953.D
Acq: 28 Aug 2023 20:19

Tgt Ion: 75 Resp: 2503
Ion Ratio Lower Upper
75 100
77 64.4 21.4 39.8#





#64

1,3-Dichlorobenzene

Concen: 0.829 ug/L

RT: 11.133 min Scan# 3135

Delta R.T. 0.013 min

Lab File: VV031953.D

Acq: 28 Aug 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

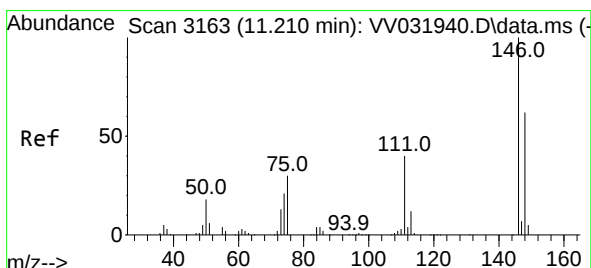
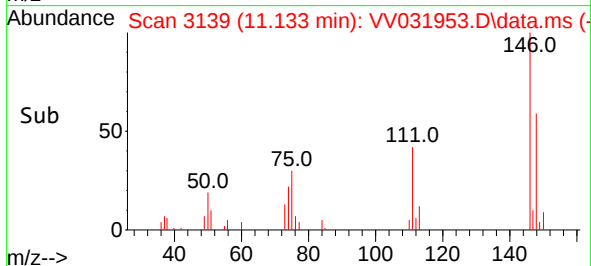
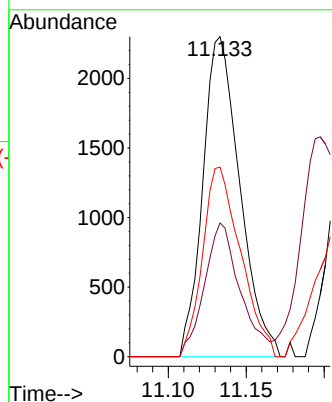
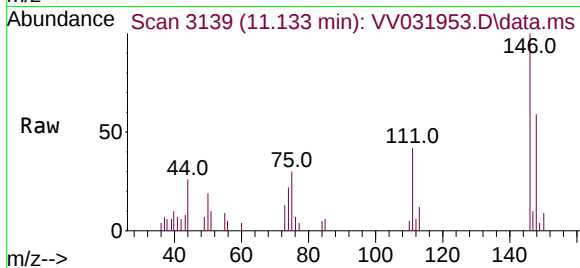
Tgt Ion:146 Resp: 3795

Ion Ratio Lower Upper

146 100

111 41.8 30.2 56.0

148 59.3 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 0.968 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.007 min

Lab File: VV031953.D

Acq: 28 Aug 2023 20:19

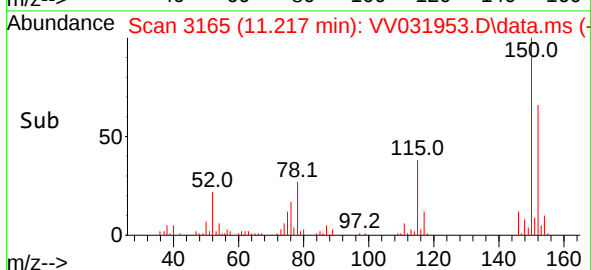
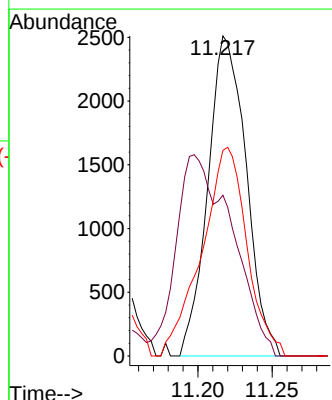
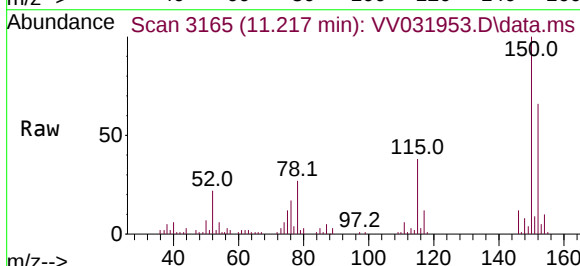
Tgt Ion:146 Resp: 4505

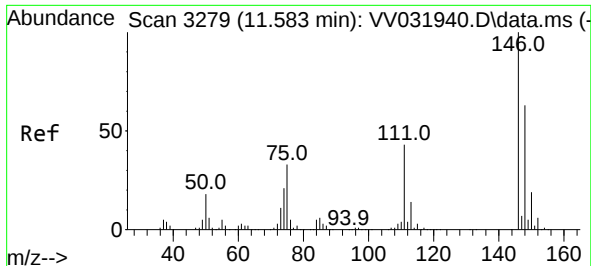
Ion Ratio Lower Upper

146 100

111 50.3 28.5 52.9

148 64.2 44.2 82.2

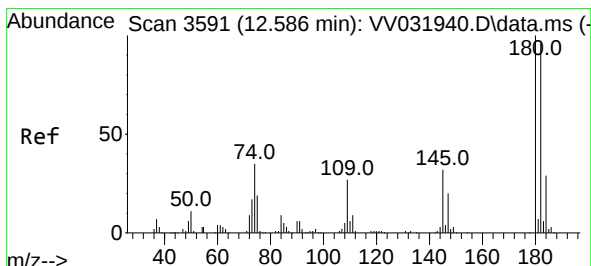
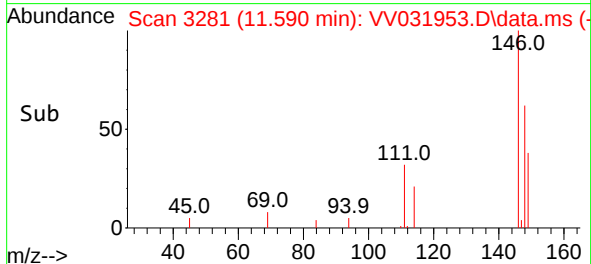
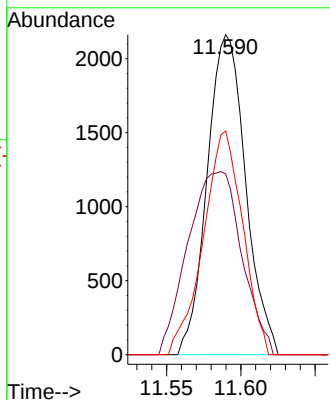
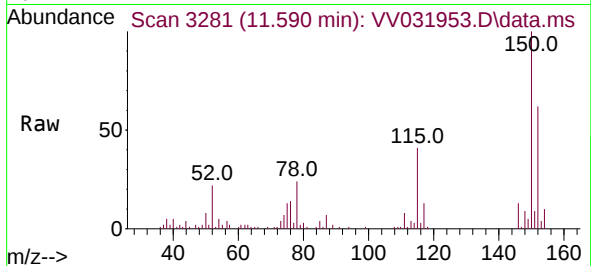




#67
1,2-Dichlorobenzene
Concen: 0.858 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV031953.D
Acq: 28 Aug 2023 20:19

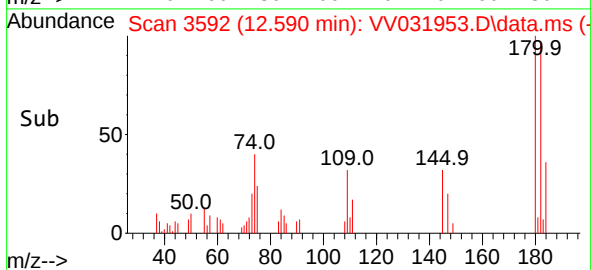
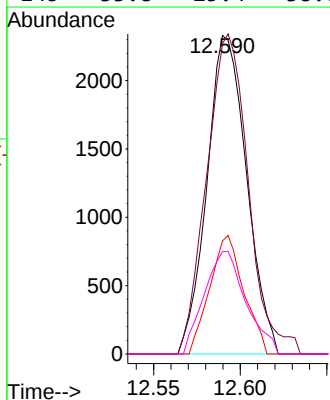
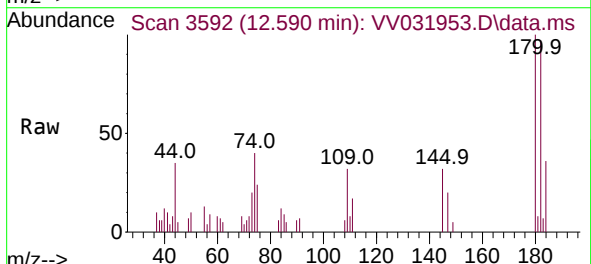
Instrument :
MSVOA_V
ClientSampleId :

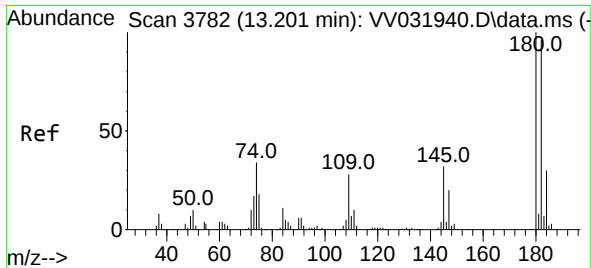
Tgt Ion:146 Resp: 3892
Ion Ratio Lower Upper
146 100
111 56.5 35.8 53.6#
148 69.9 51.1 76.7



#69
1,3,5-Trichlorobenzene
Concen: 1.111 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.003 min
Lab File: VV031953.D
Acq: 28 Aug 2023 20:19

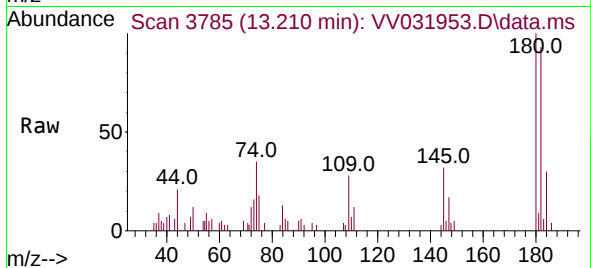
Tgt Ion:180 Resp: 3705
Ion Ratio Lower Upper
180 100
182 104.3 75.4 113.2
184 31.9 23.7 35.5
145 33.8 25.4 38.0



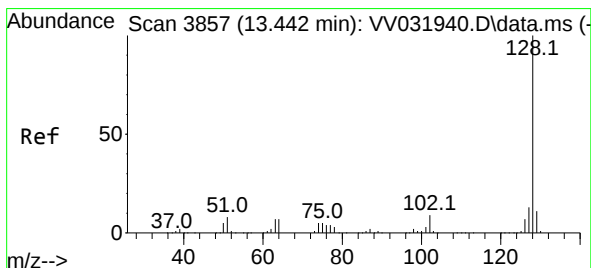
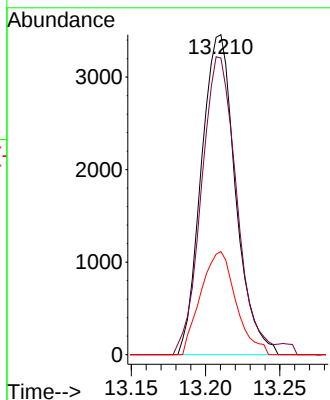
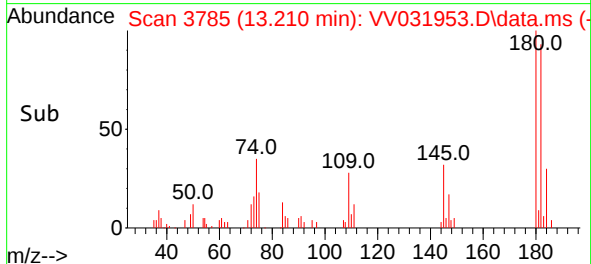


#70
1,2,4-trichlorobenzene
Concen: 1.732 ug/L
RT: 13.210 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV031953.D
Acq: 28 Aug 2023 20:19

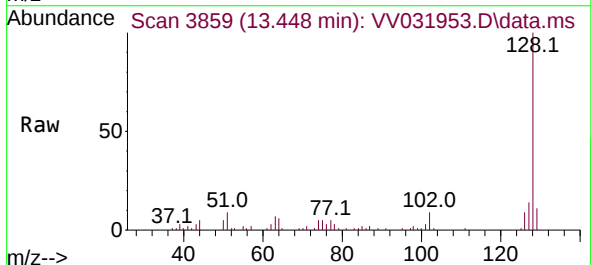
Instrument :
MSVOA_V
ClientSampleId :



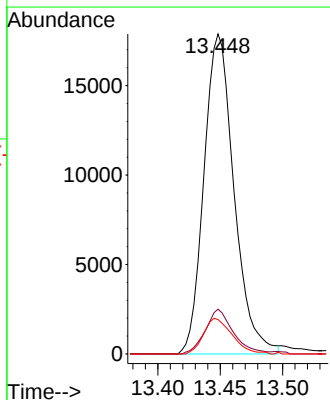
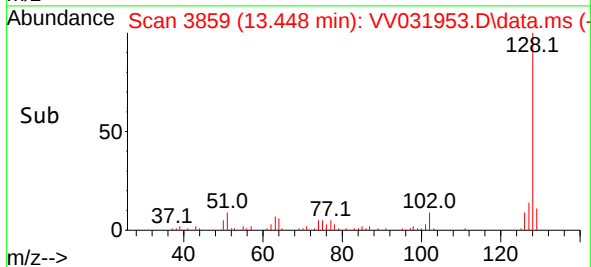
Tgt Ion:180 Resp: 5545
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.2
145 33.2 26.0 39.0

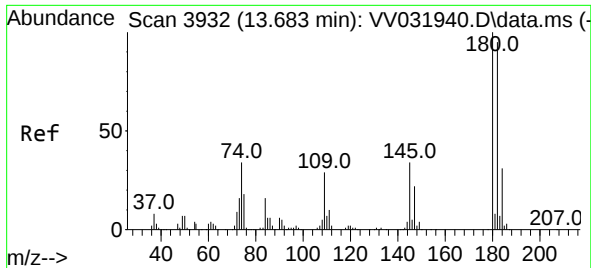


#71
Naphthalene
Concen: 2.938 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.007 min
Lab File: VV031953.D
Acq: 28 Aug 2023 20:19



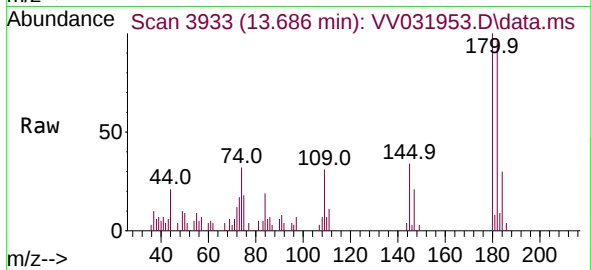
Tgt Ion:128 Resp: 30058
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.4 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.923 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.003 min
 Lab File: VV031953.D
 Acq: 28 Aug 2023 20:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	5900
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.7	115.1
145	33.9	27.7	41.5

