

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052622\
 Data File : VW025967.D
 Acq On : 26 May 2022 18:47
 Operator : SY/MD
 Sample : N3039-07DL 500X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JR1DL

Quant Time: May 27 01:31:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 27 01:28:09 2022
 Response via : Initial Calibration

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

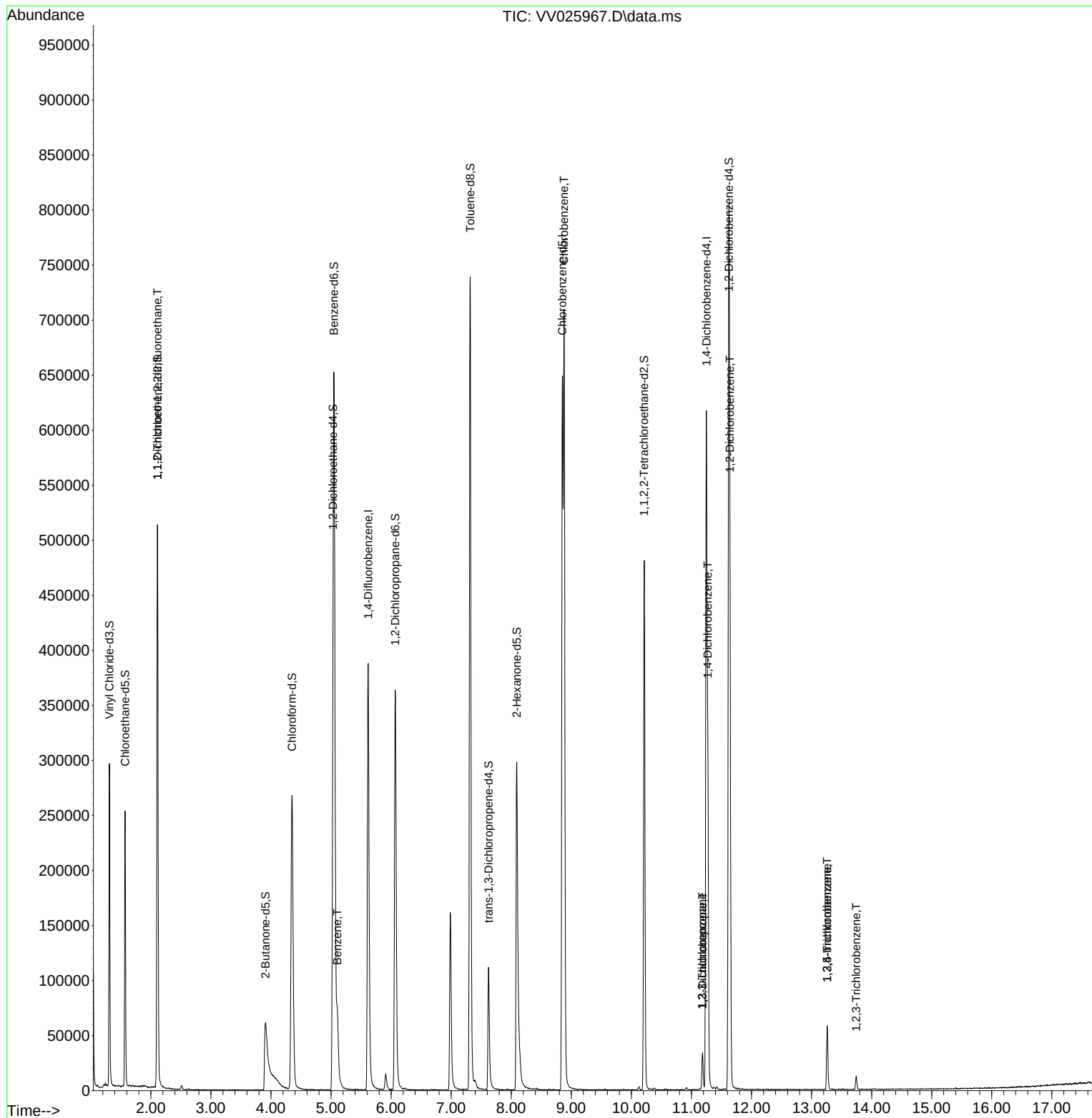
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	338632	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	342796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	151128	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	193784	44.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.680%		
7) Chloroethane-d5	1.571	69	158433	41.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.560%		
11) 1,1-Dichloroethene-d2	2.111	63	271740	35.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.100%		
21) 2-Butanone-d5	3.908	46	128545	68.624	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	68.620%		
24) Chloroform-d	4.349	84	283604	46.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.920%		
26) 1,2-Dichloroethane-d4	5.034	65	172893	46.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
32) Benzene-d6	5.050	84	578069	48.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.740%		
36) 1,2-Dichloropropane-d6	6.069	67	180310	49.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.260%		
41) Toluene-d8	7.317	98	490266	44.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
43) trans-1,3-Dichloroprop...	7.622	79	65788	40.153	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.300%		
47) 2-Hexanone-d5	8.091	63	117086	87.010	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.010%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	234805	47.971	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.940%		
66) 1,2-Dichlorobenzene-d4	11.622	152	181401	54.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.440%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2332	0.717	ug/L #	22
33) Benzene	5.104	78	74378	6.444	ug/L	100
51) Chlorobenzene	8.879	112	373458	47.100	ug/L	98
61) 1,2,3-Trichloropropane	11.181	75	3909	1.307	ug/L #	47
64) 1,3-Dichlorobenzene	11.185	146	13782	2.876	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	116877	23.275	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	155046	31.283	ug/L	100
69) 1,3,5-Trichlorobenzene	13.258	180	17819	5.386	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	17819	6.325	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	3619	1.261	ug/L	92

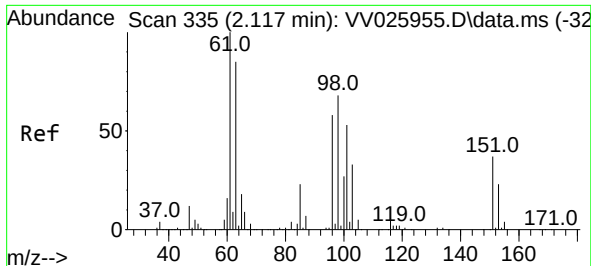
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 27 01:28:09 2022
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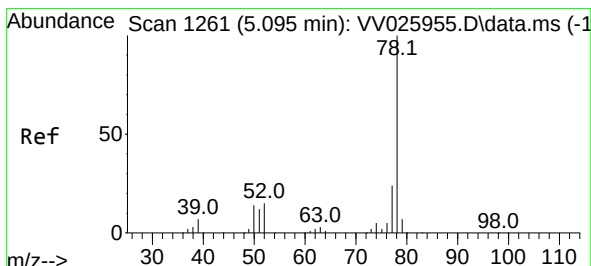
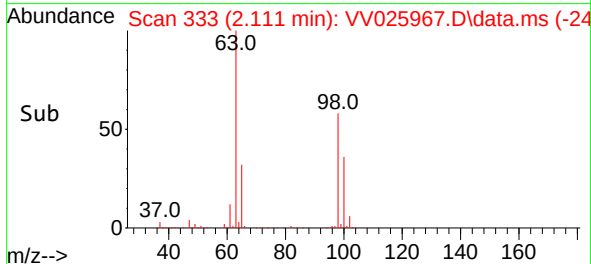
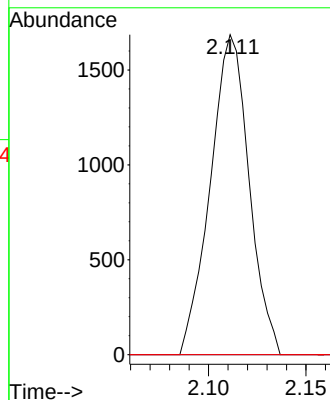
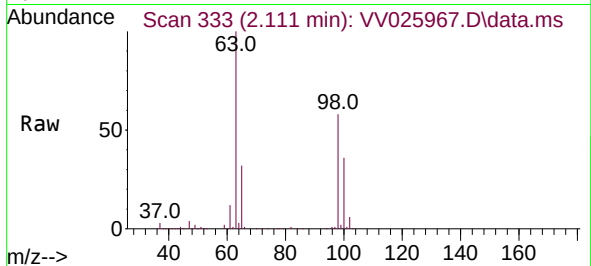




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.717 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV025967.D
 Acq: 26 May 2022 18:47

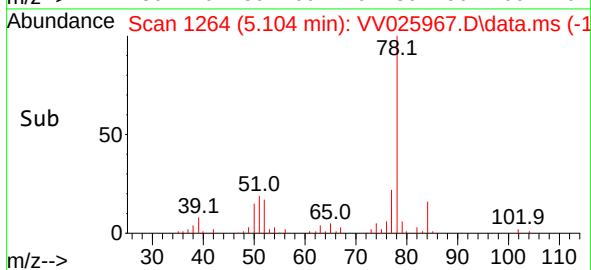
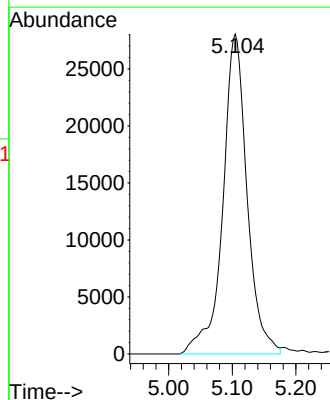
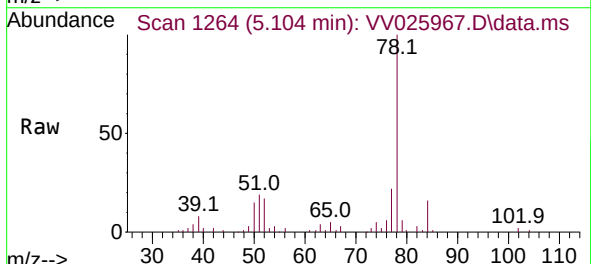
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JR1DL

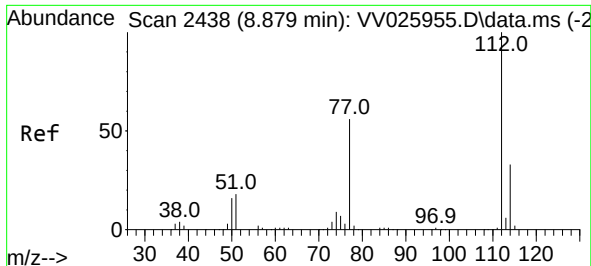
Tgt Ion:101 Resp: 2332
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 54.3 81.5#



#33
 Benzene
 Concen: 6.444 ug/L
 RT: 5.104 min Scan# 1264
 Delta R.T. 0.010 min
 Lab File: VV025967.D
 Acq: 26 May 2022 18:47

Tgt Ion: 78 Resp: 74378

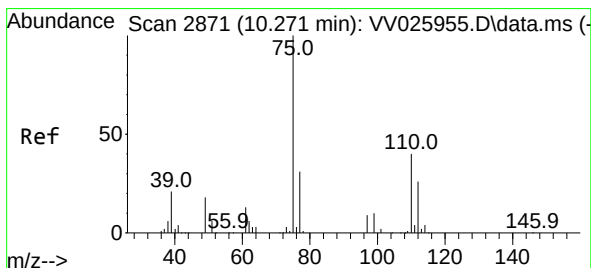
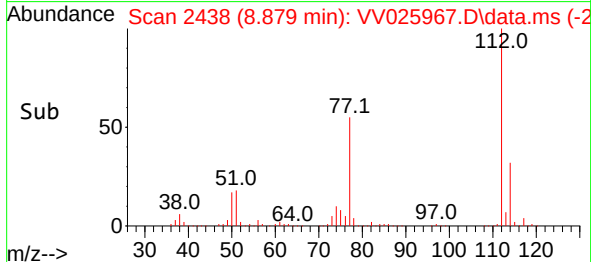
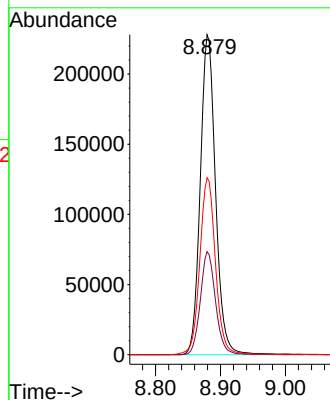
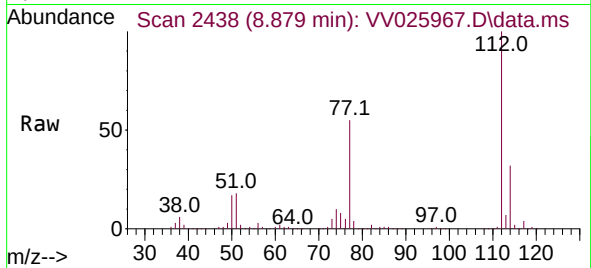




#51
Chlorobenzene
Concen: 47.100 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

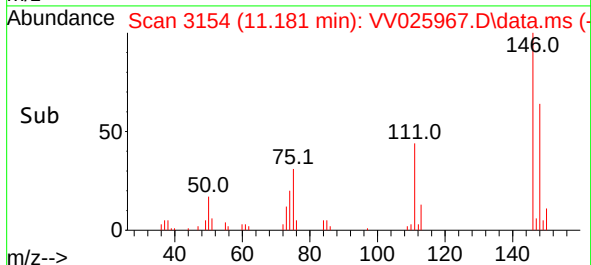
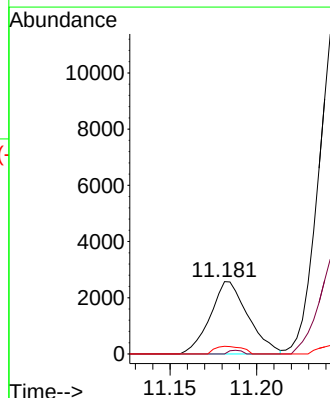
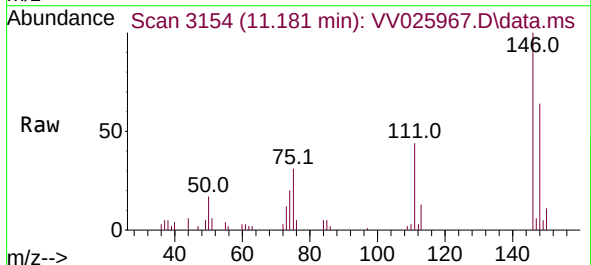
Instrument :
MSVOA_V
ClientSampleId :
C0JR1DL

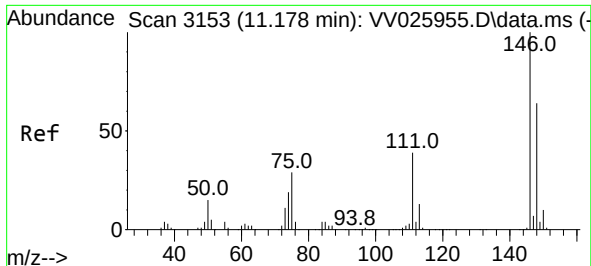
Tgt Ion:112 Resp: 373458
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 55.3 45.3 67.9



#61
1,2,3-Trichloropropane
Concen: 1.307 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Tgt Ion: 75 Resp: 3909
Ion Ratio Lower Upper
75 100
77 1.7 25.3 37.9#
110 7.7 32.3 48.5#

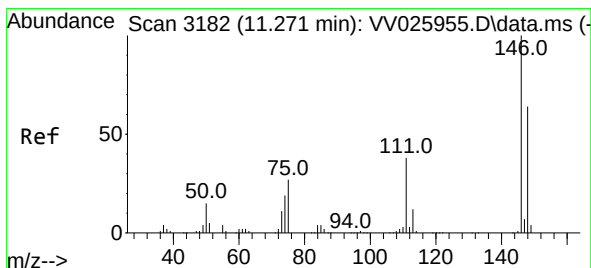
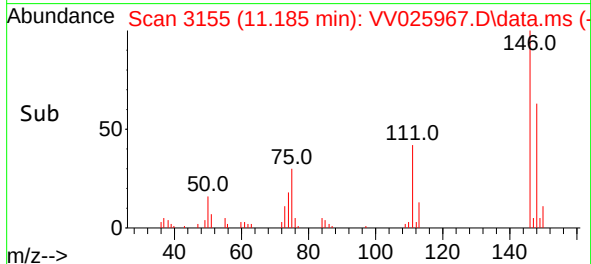
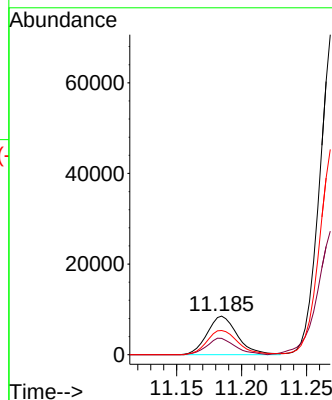
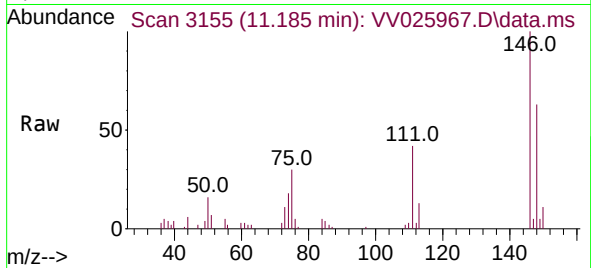




#64
1,3-Dichlorobenzene
Concen: 2.876 ug/L
RT: 11.185 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

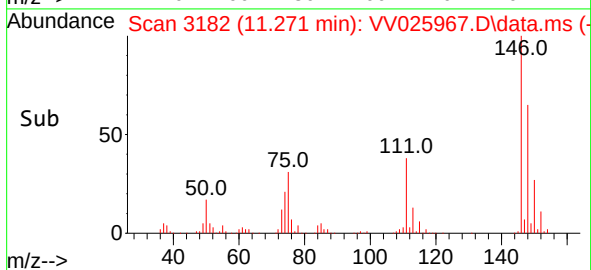
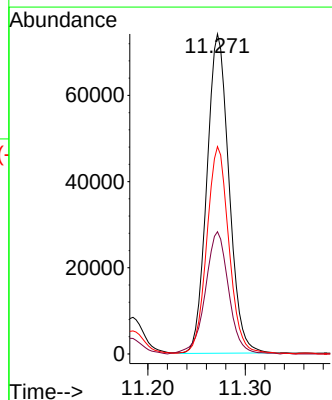
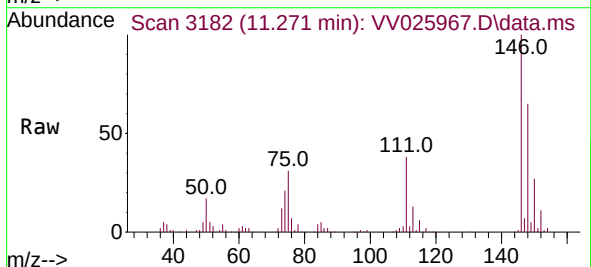
Instrument :
MSVOA_V
ClientSampleId :
C0JR1DL

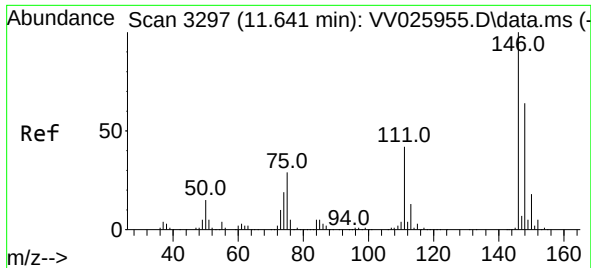
Tgt Ion:146 Resp: 13782
Ion Ratio Lower Upper
146 100
111 42.3 28.1 52.1
148 63.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 23.275 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Tgt Ion:146 Resp: 116877
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 31.283 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025967.D

Acq: 26 May 2022 18:47

Instrument :

MSVOA_V

ClientSampleId :

C0JR1DL

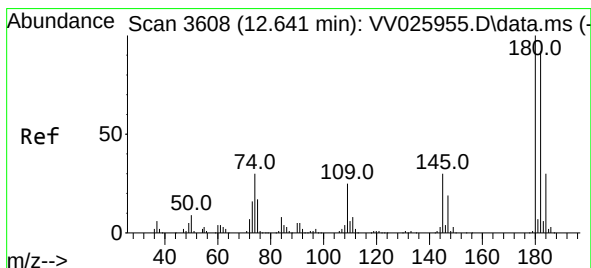
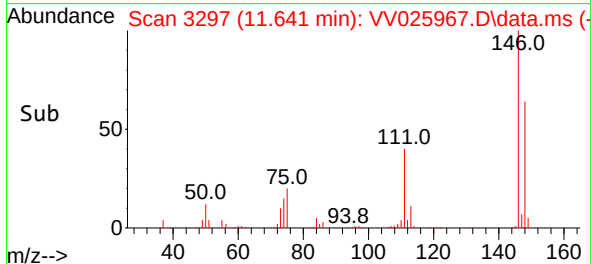
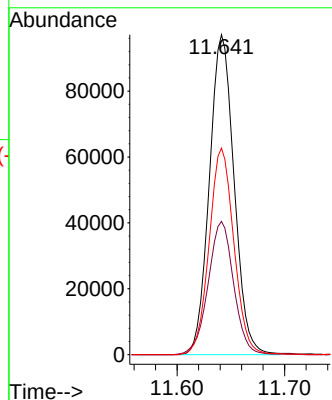
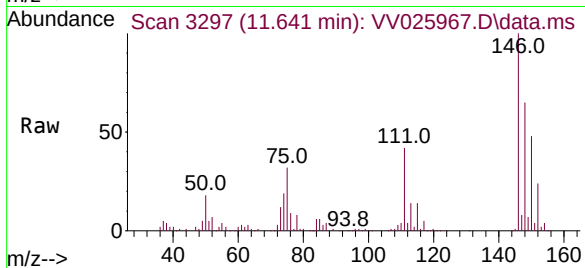
Tgt Ion:146 Resp: 155046

Ion Ratio Lower Upper

146 100

111 41.7 33.7 50.5

148 64.5 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 5.386 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.617 min

Lab File: VV025967.D

Acq: 26 May 2022 18:47

Tgt Ion:180 Resp: 17819

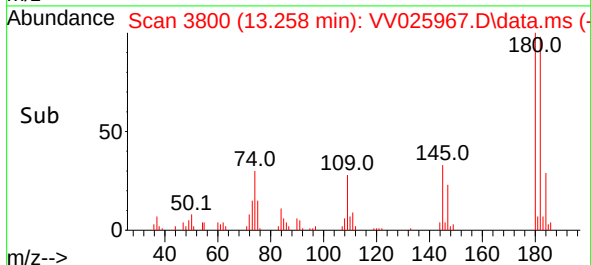
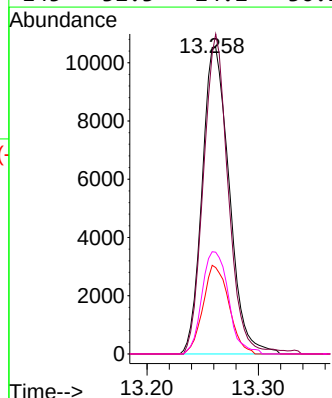
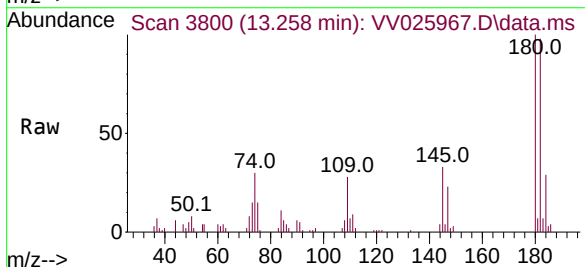
Ion Ratio Lower Upper

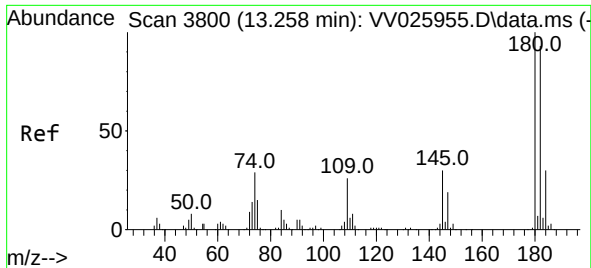
180 100

182 94.3 75.1 112.7

184 27.5 23.6 35.4

145 32.3 24.2 36.2

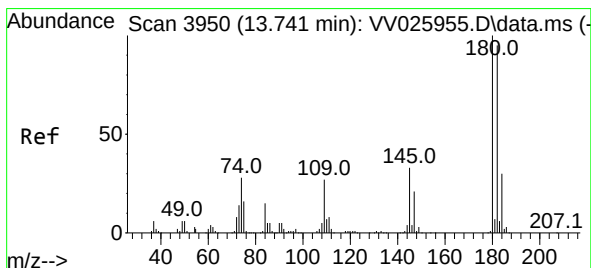
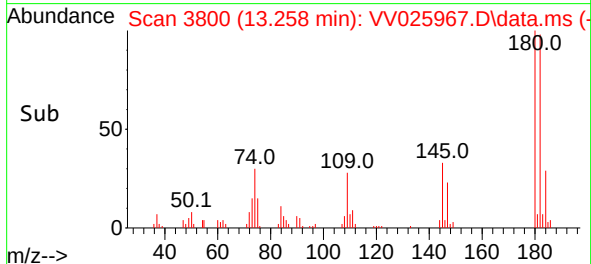
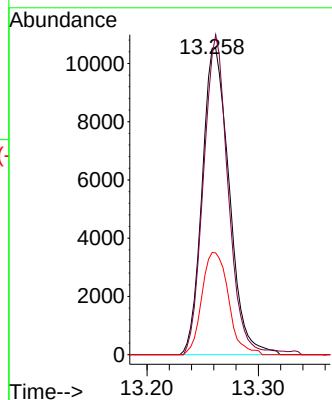
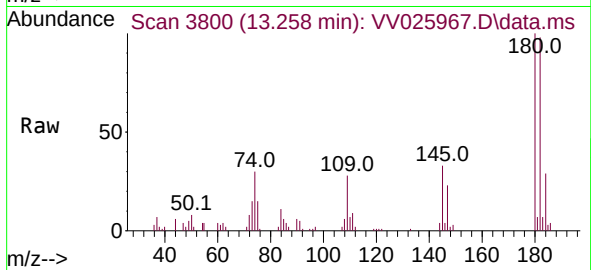




#70
1,2,4-trichlorobenzene
Concen: 6.325 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :
C0JR1DL

Tgt Ion:180 Resp: 17819
Ion Ratio Lower Upper
180 100
182 94.3 74.8 112.2
145 32.3 24.8 37.2



#72
1,2,3-Trichlorobenzene
Concen: 1.261 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Tgt Ion:180 Resp: 3619
Ion Ratio Lower Upper
180 100
182 101.7 75.8 113.8
145 38.5 26.3 39.5

