

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024577.D
 Acq On : 05 Oct 2021 17:36
 Operator : JC/MD
 Sample : M4080-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 06 06:49:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

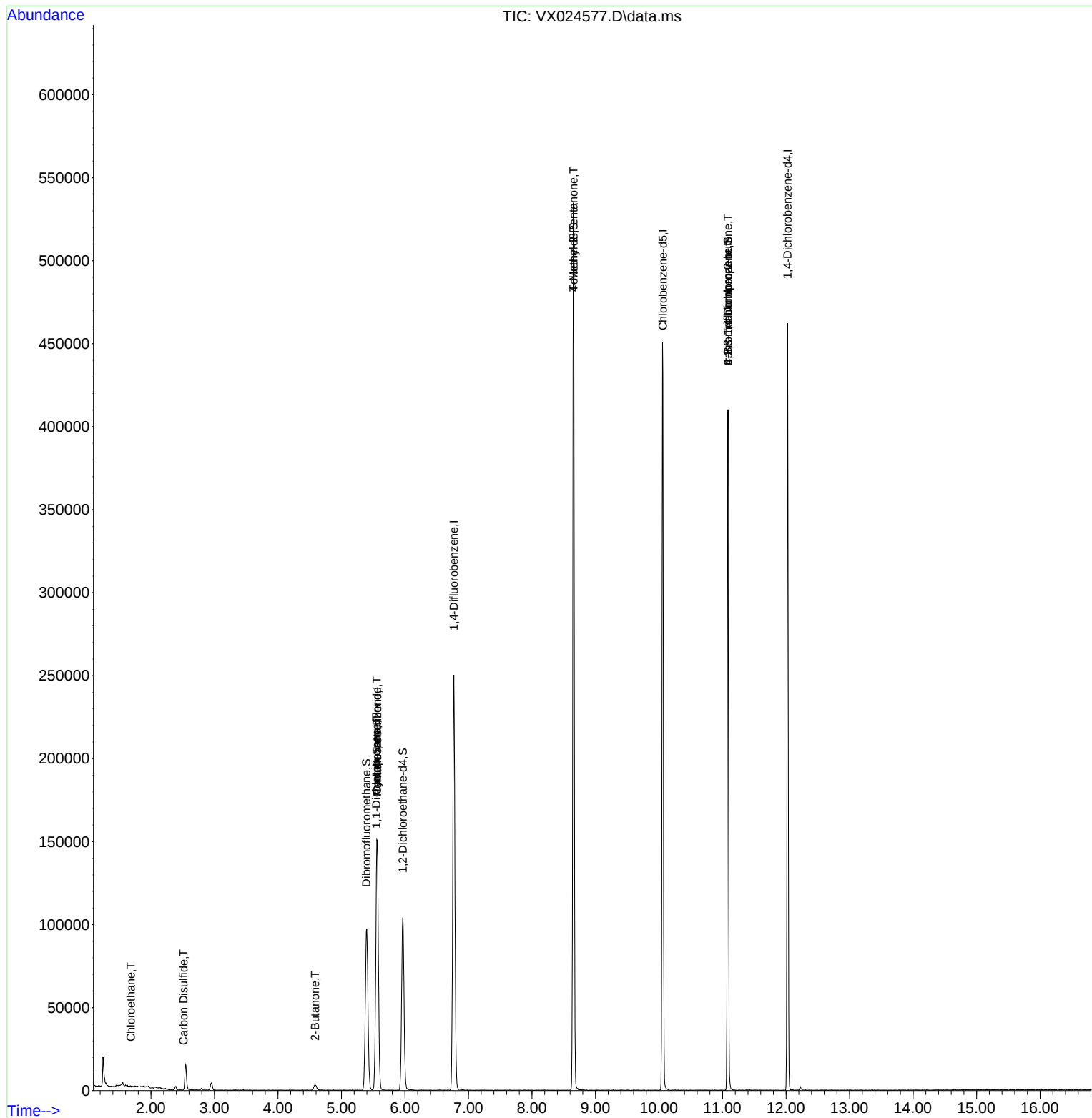
Internal Standards						
1) Pentafluorobenzene	5.562	168	144252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	203946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104682	51.490	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.980%			
35) Dibromofluoromethane	5.391	113	85894	51.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	8.653	98	311674	50.643	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.085	95	103347	42.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.420%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	202	0.469	ug/l #	43
11) Tert butyl alcohol	2.953	59	2625	Below Cal	#	73
16) Acetone	2.392	43	2491	Below Cal		91
17) Carbon Disulfide	2.514	76	248	0.300	ug/l #	75
20) Methylene Chloride	2.788	84	489	Below Cal	#	54
25) 2-Butanone	4.587	43	391	0.279	ug/l #	45
31) Cyclohexane	5.556	56	3038	1.248	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10867	4.504	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14358	5.466	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1388	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55006	25.988	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55006	70.792	ug/l #	12

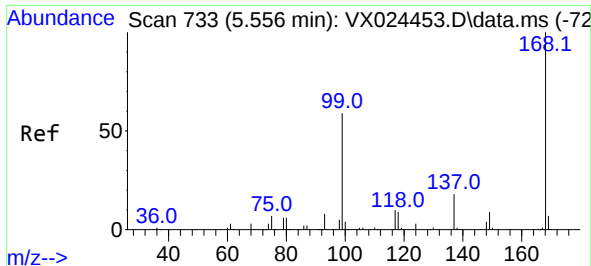
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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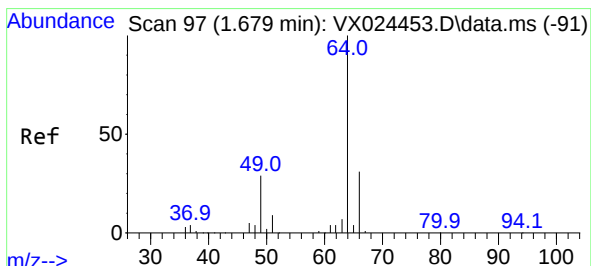
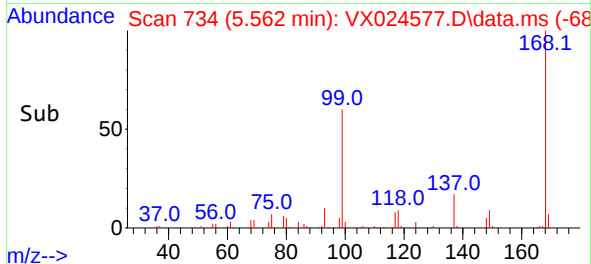
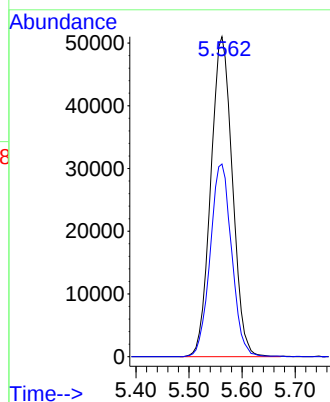
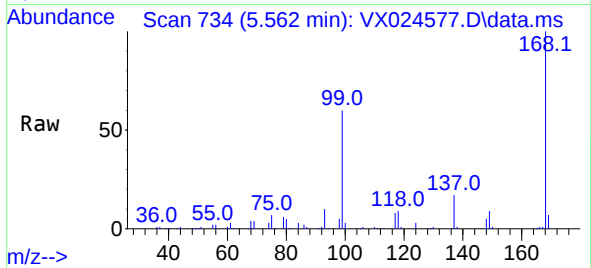




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

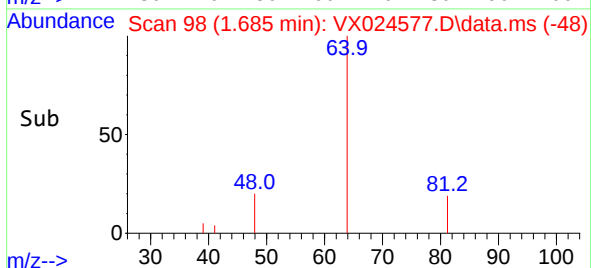
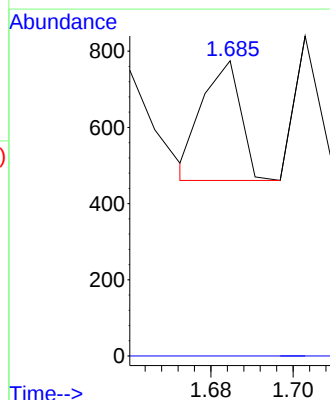
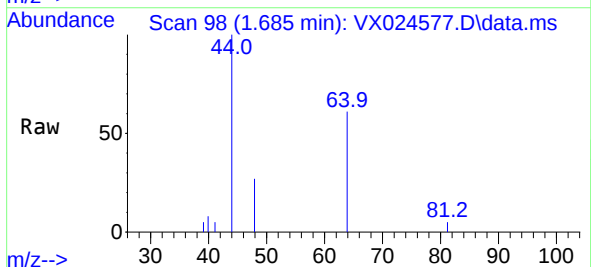
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

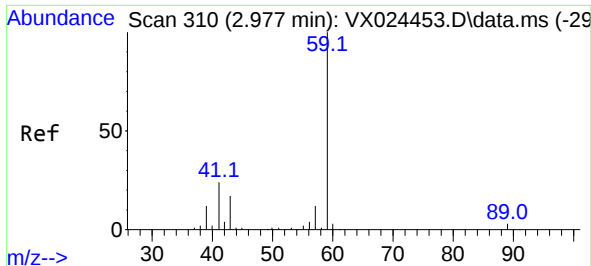
Tgt Ion:168 Resp: 144252
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#6
Chloroethane
Concen: 0.469 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 64 Resp: 202
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

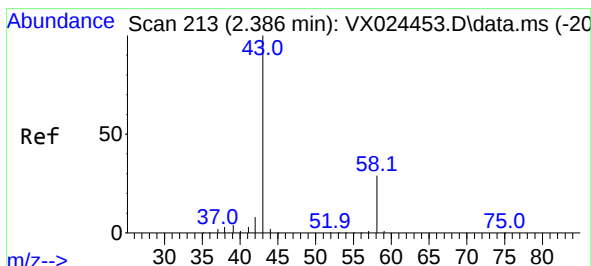
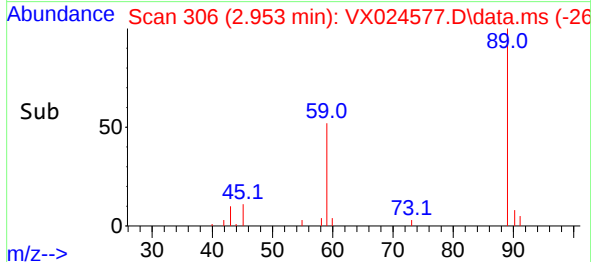
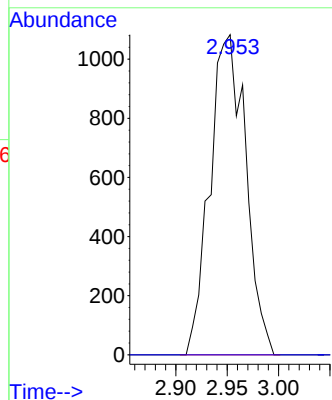
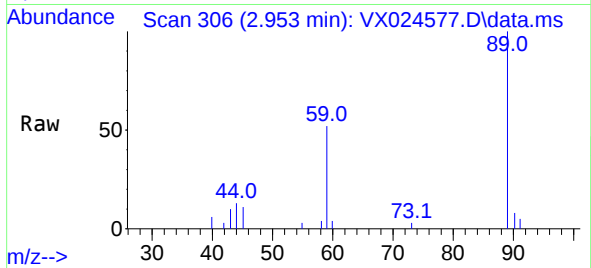




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

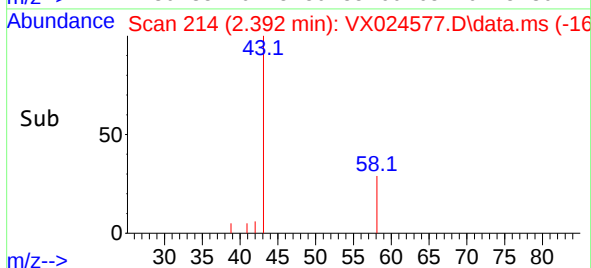
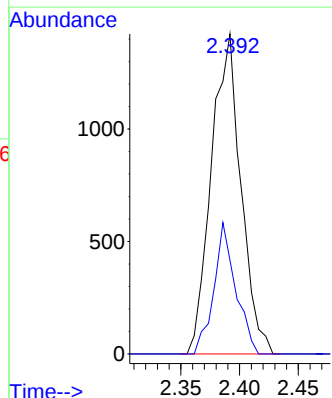
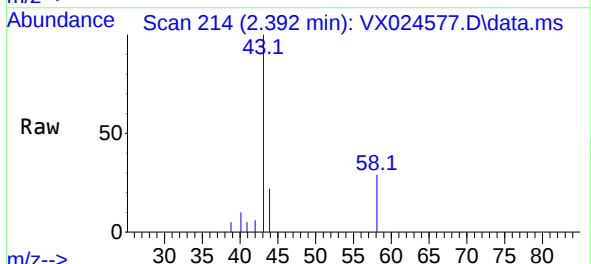
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

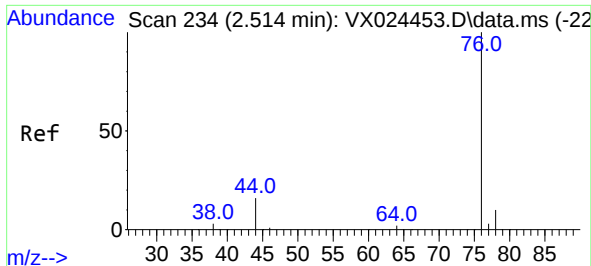
Tgt Ion: 59 Resp: 2625
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 43 Resp: 2491
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8

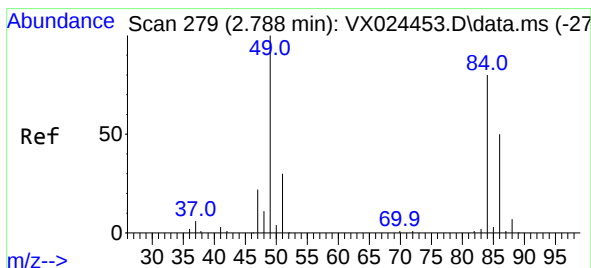
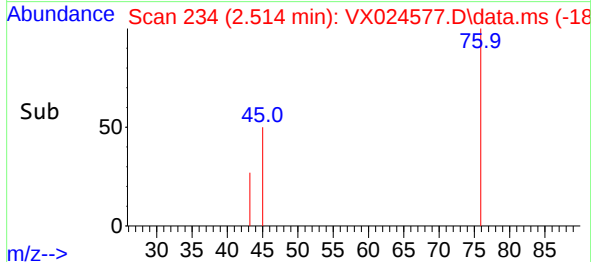
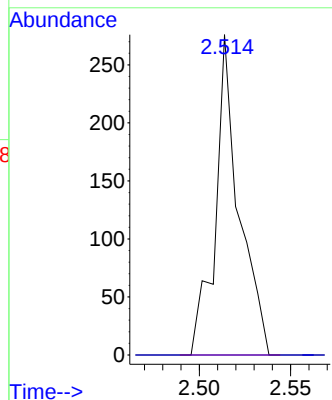
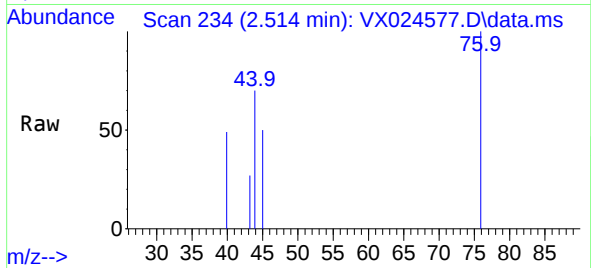




#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

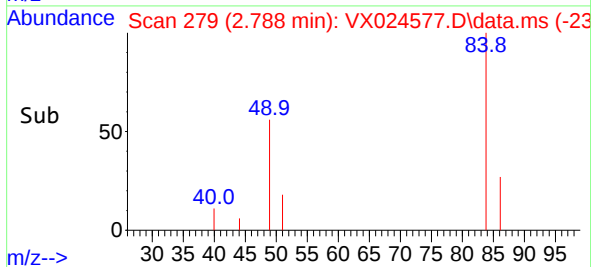
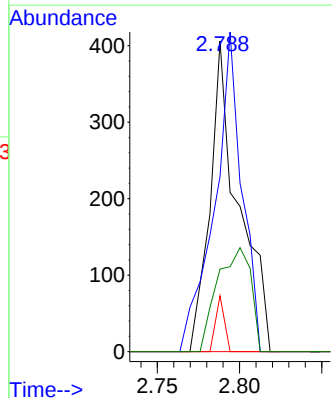
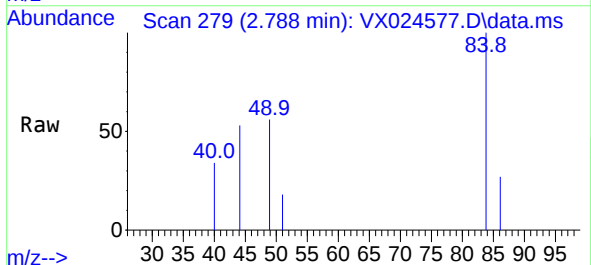
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

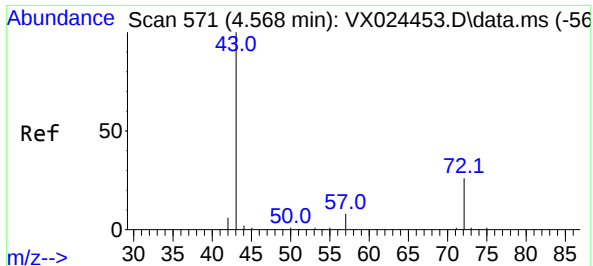
Tgt Ion: 76 Resp: 248
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 84 Resp: 489
Ion Ratio Lower Upper
84 100
49 56.4 88.6 132.8#
51 18.0 27.0 40.6#
86 26.6 50.3 75.5#

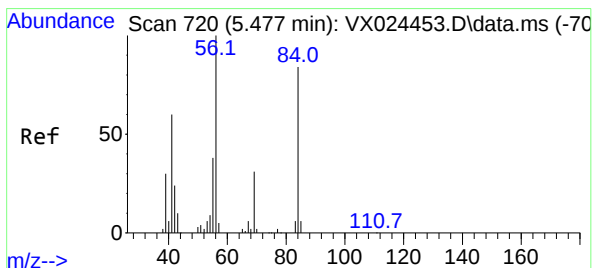
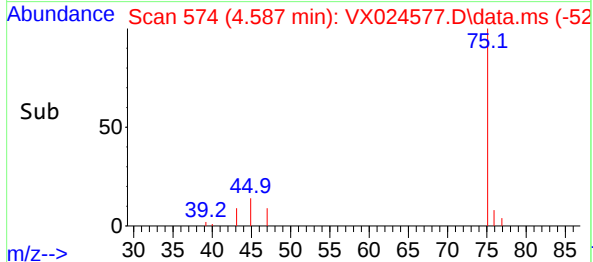
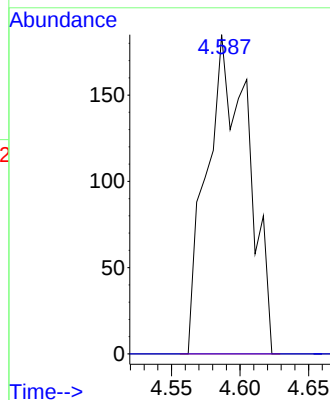
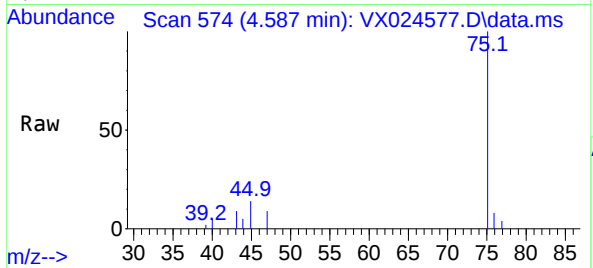




#25
2-Butanone
Concen: 0.279 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

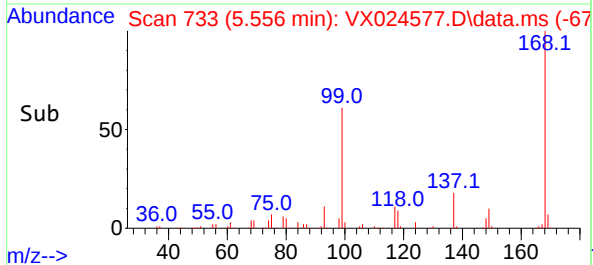
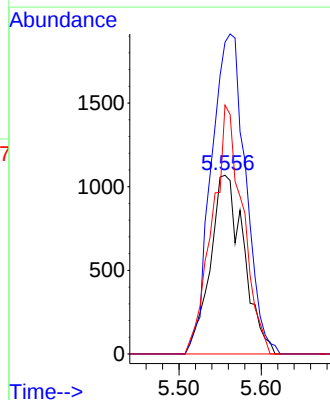
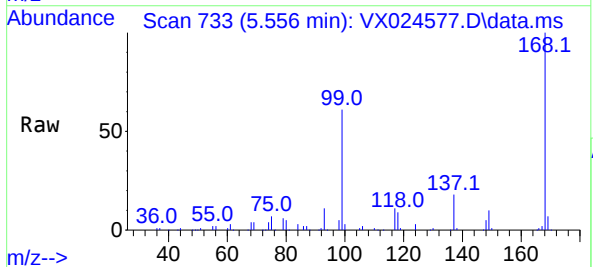
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

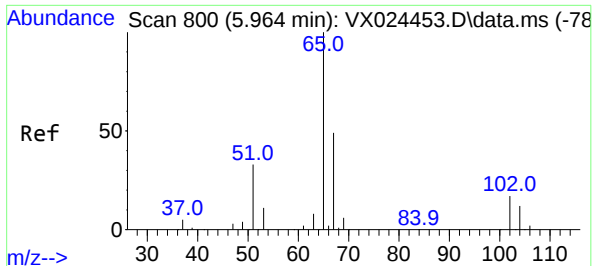
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 56 Resp: 3038
Ion Ratio Lower Upper
56 100
69 174.3 25.3 37.9#
84 139.1 71.4 107.0#



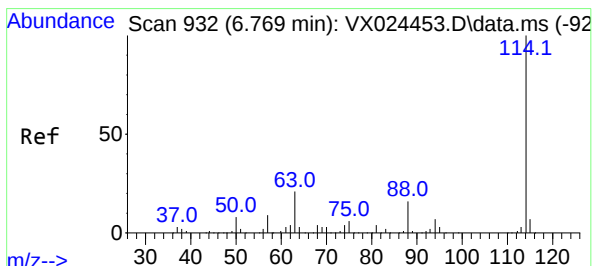
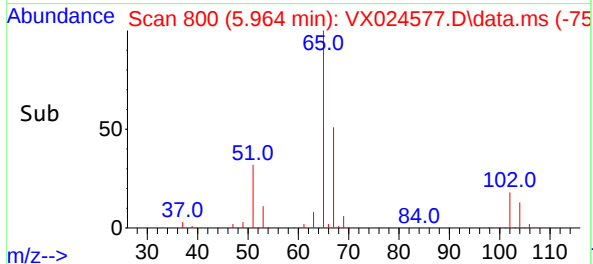
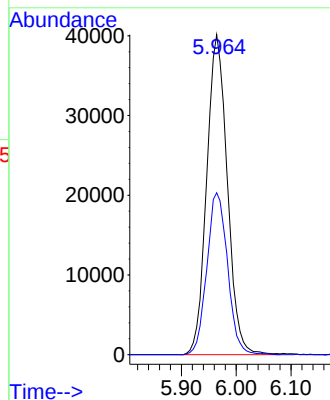
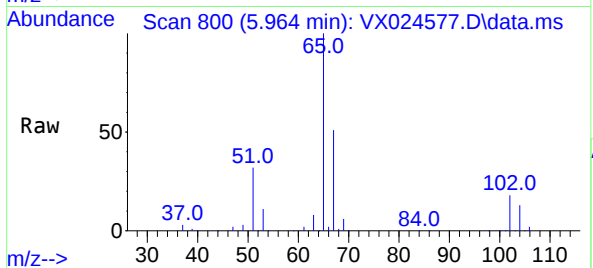


#33

1,2-Dichloroethane-d4
Concen: 51.490 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

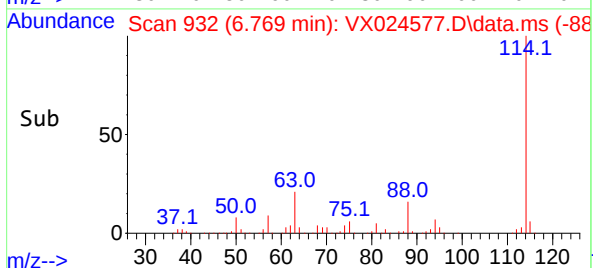
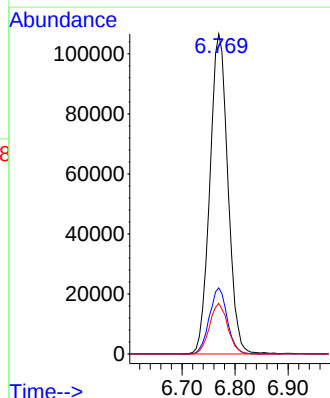
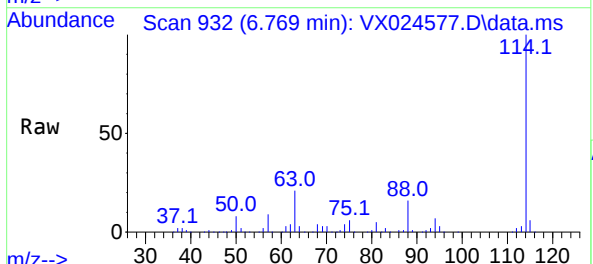
Tgt Ion: 65 Resp: 104682
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

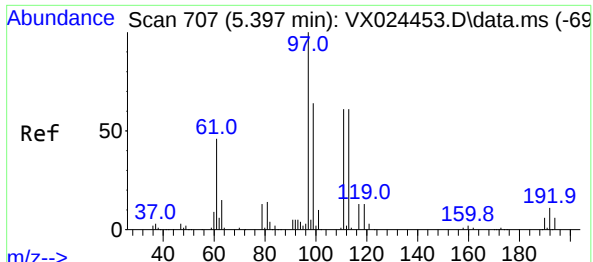


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 114 Resp: 251704
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.8 0.0 32.8



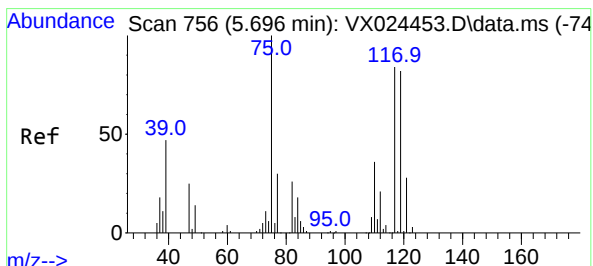
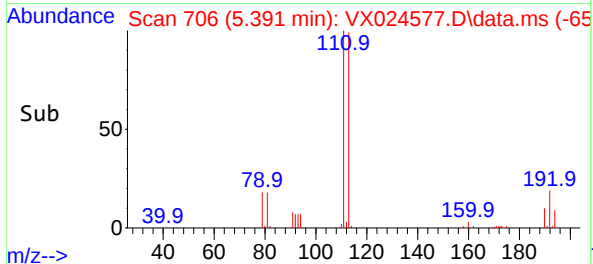
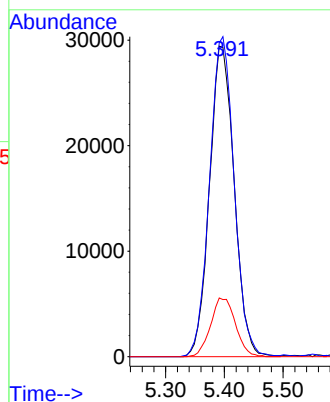
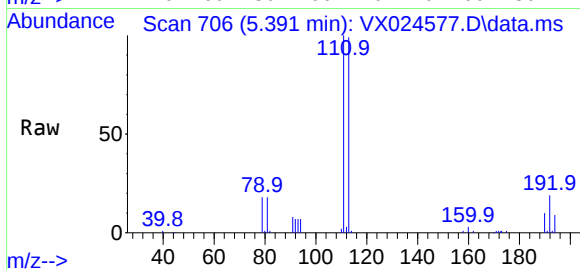


#35

Dibromofluoromethane
Concen: 51.368 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

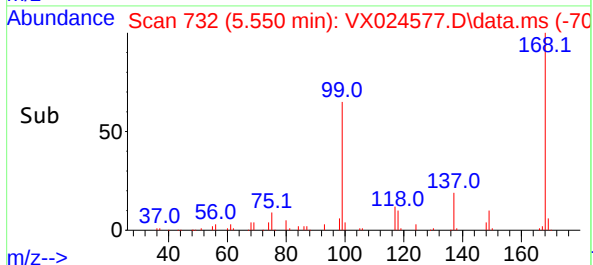
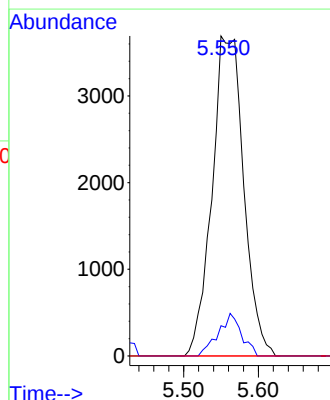
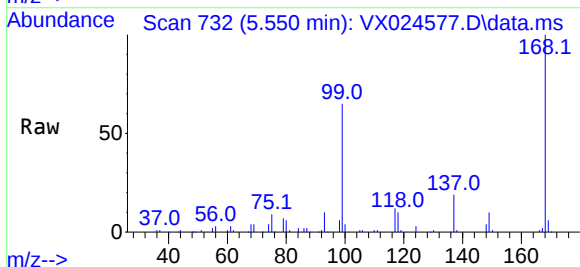
Tgt Ion:113 Resp: 85894
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.0 16.7 25.1

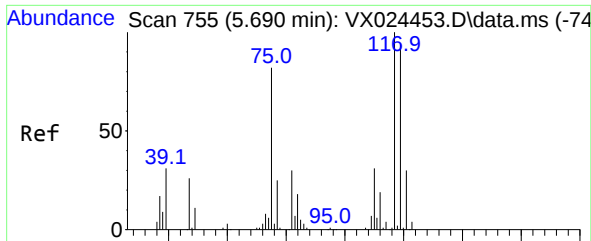


#36

1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

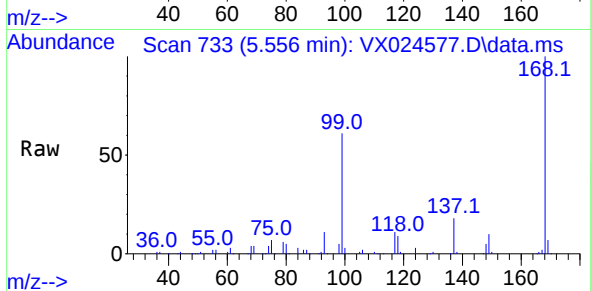
Tgt Ion: 75 Resp: 10867
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



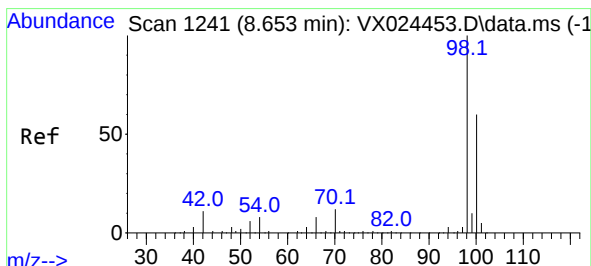
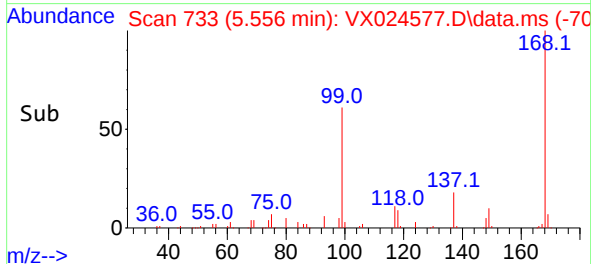
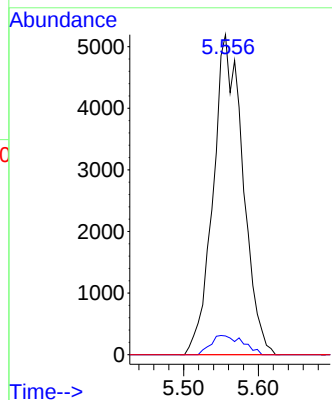


#38
Carbon Tetrachloride
Concen: 5.466 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

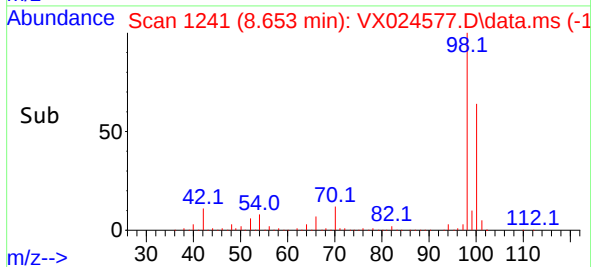
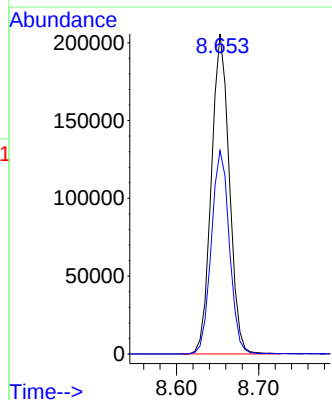
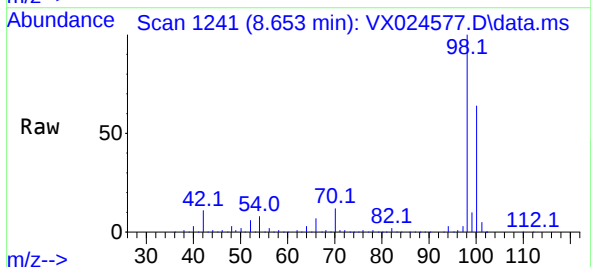


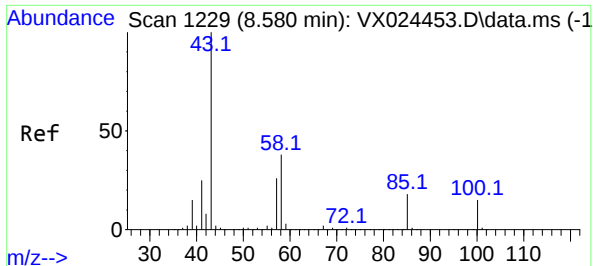
Tgt Ion:117 Resp: 14358
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.643 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 98 Resp: 311674
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

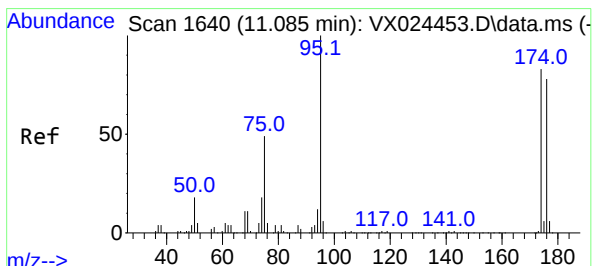
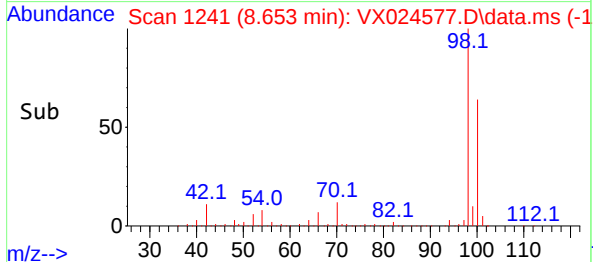
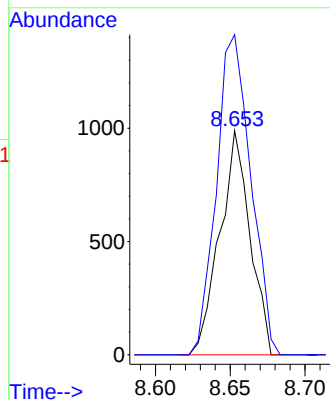
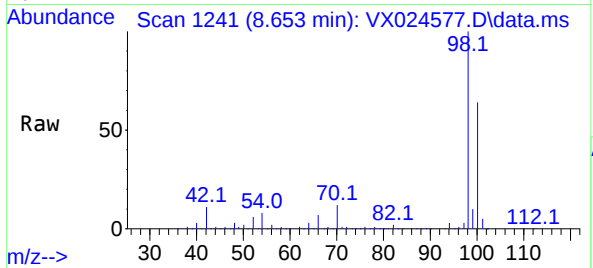




#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

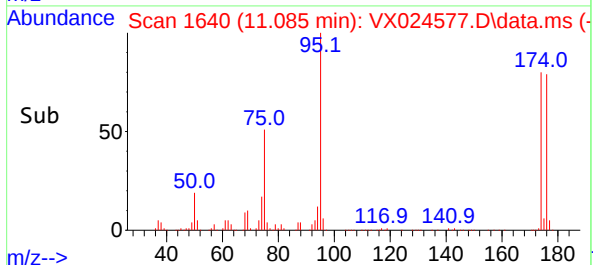
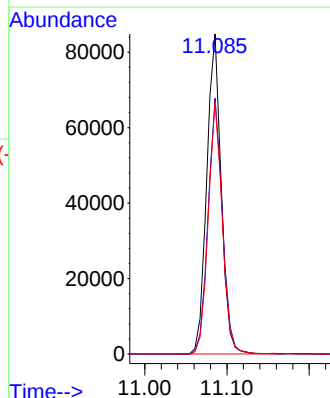
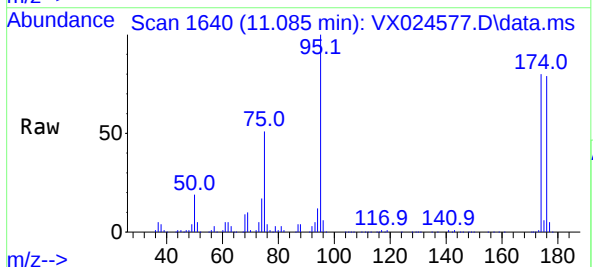
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

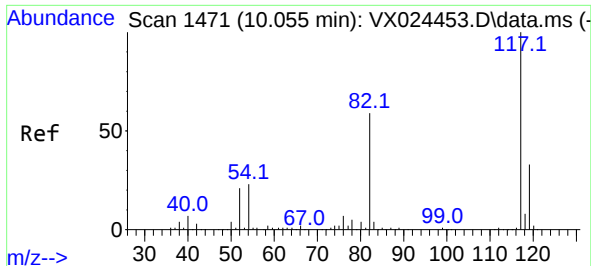
Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
58 162.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 42.709 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 95 Resp: 103347
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 76.9 0.0 155.8

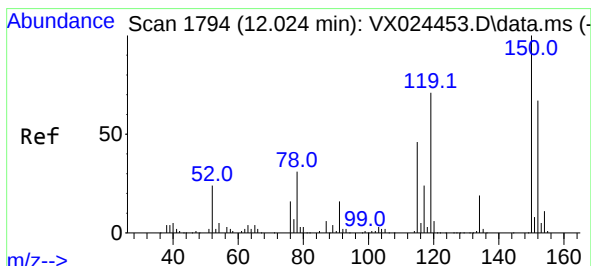
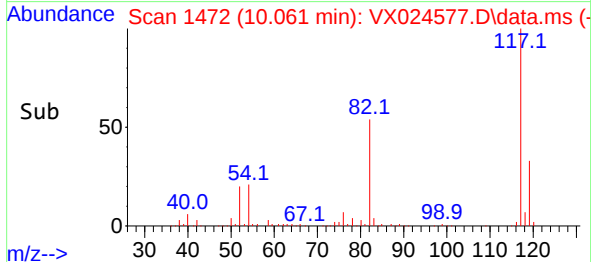
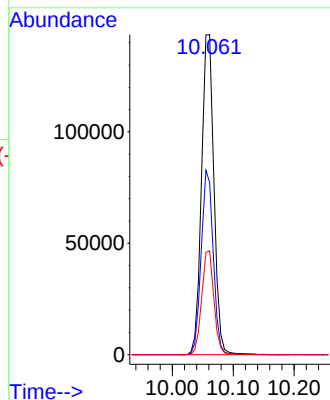
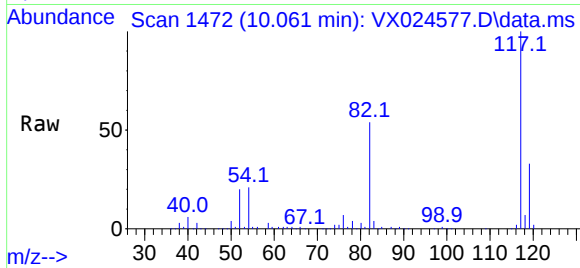




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

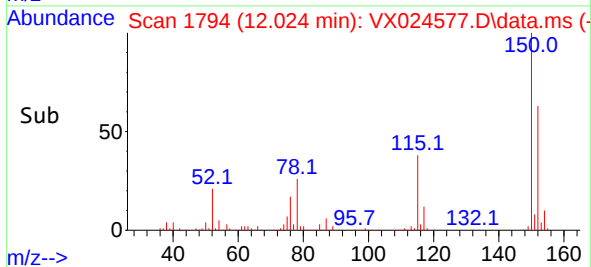
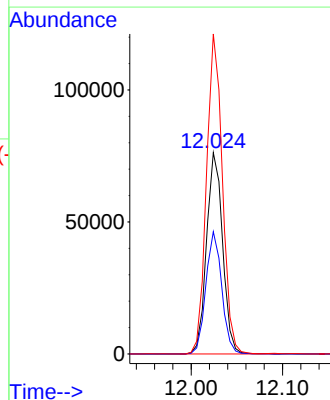
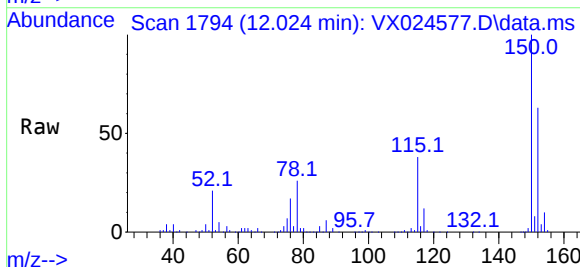
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

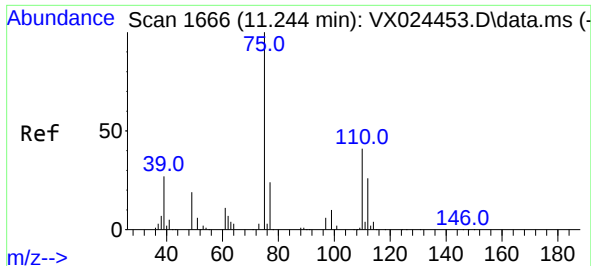
Tgt Ion:117 Resp: 203946
Ion Ratio Lower Upper
117 100
82 53.8 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion:152 Resp: 93203
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 157.0 0.0 349.0

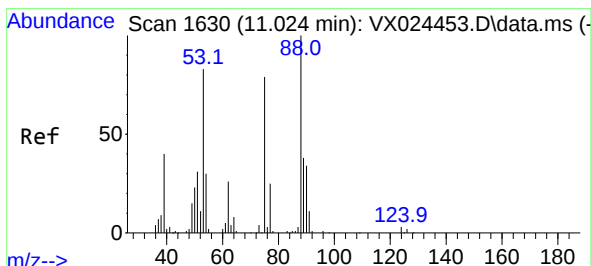
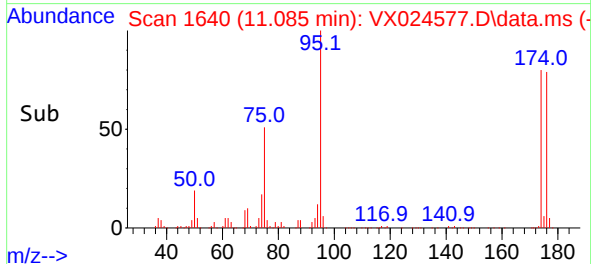
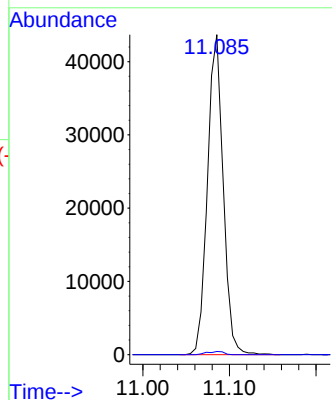
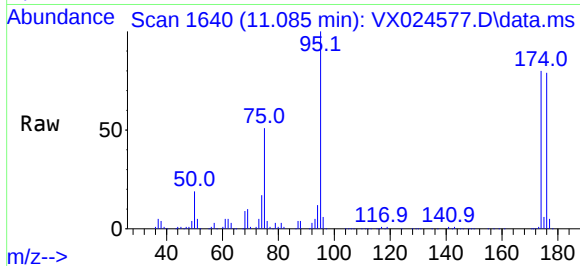




#76
1,2,3-Trichloropropane
Concen: 25.988 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion: 75 Resp: 55006
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.792 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024577.D
Acq: 05 Oct 2021 17:36

Tgt Ion: 75 Resp: 55006
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

