

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022190.D
 Acq On : 26 May 2021 12:18
 Operator : JC/MD
 Sample : VX0527WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBL01

Quant Time: May 26 13:12:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

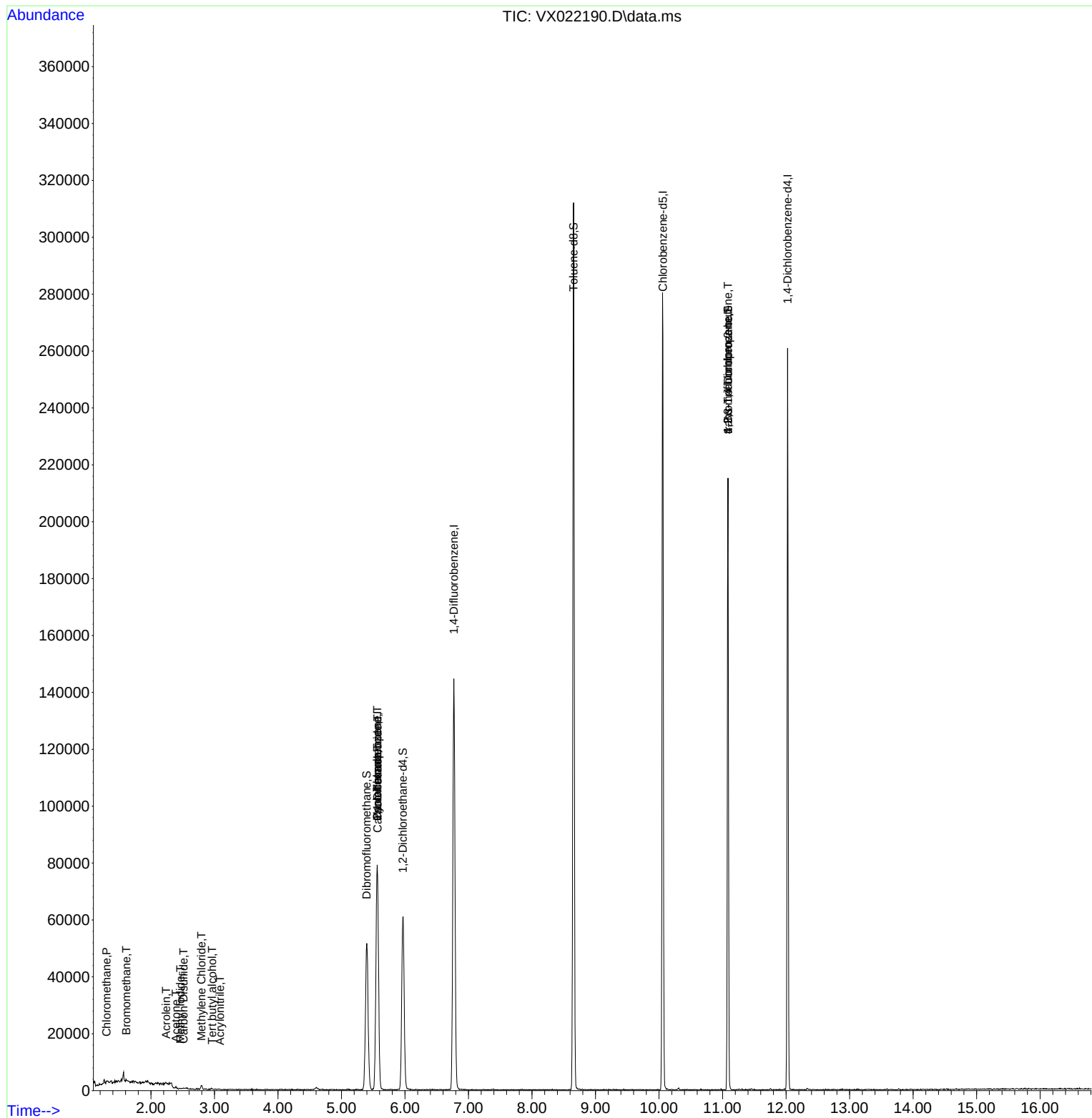
Internal Standards						
1) Pentafluorobenzene	5.562	168	70084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	144963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	122149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56965	52.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.38%			
35) Dibromofluoromethane	5.397	113	44158	48.04	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.08%			
50) Toluene-d8	8.653	98	173438	48.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.96%			
62) 4-Bromofluorobenzene	11.085	95	58363	44.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.18%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	233	0.25	ug/l #	42
5) Bromomethane	1.611	94	410	0.72	ug/l #	67
10) Methyl Iodide	2.465	142	242	0.27	ug/l #	78
11) Tert butyl alcohol	2.965	59	282	1.14	ug/l #	73
13) Acrolein	2.239	56	69	0.42	ug/l #	1
15) Acrylonitrile	3.087	53	108	0.22	ug/l #	18
16) Acetone	2.392	43	498	1.06	ug/l #	78
17) Carbon Disulfide	2.514	76	456	0.22	ug/l #	75
20) Methylene Chloride	2.794	84	630	0.60	ug/l #	60
31) Cyclohexane	5.562	56	1765	1.30	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6503	4.85	ug/l #	48
38) Carbon Tetrachloride	5.568	117	7793	5.94	ug/l #	14
76) 1,2,3-Trichloropropane	11.085	75	30250	26.93	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30250	63.80	ug/l #	12

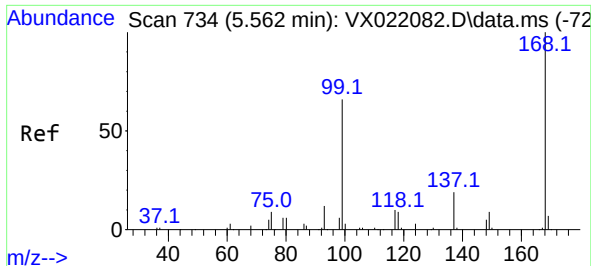
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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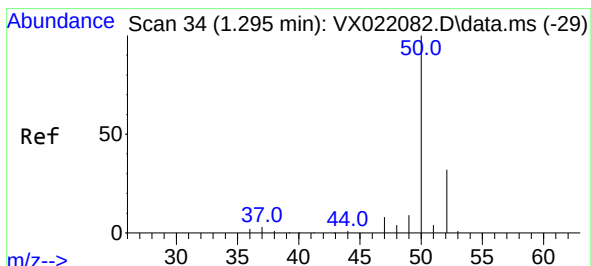
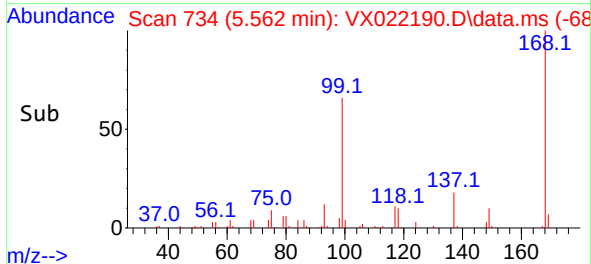
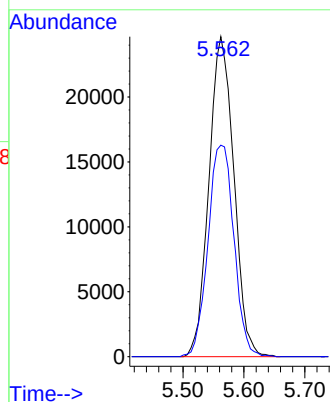
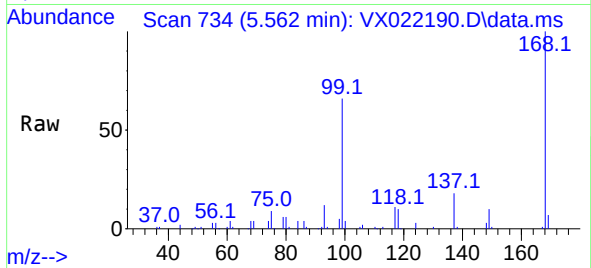




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

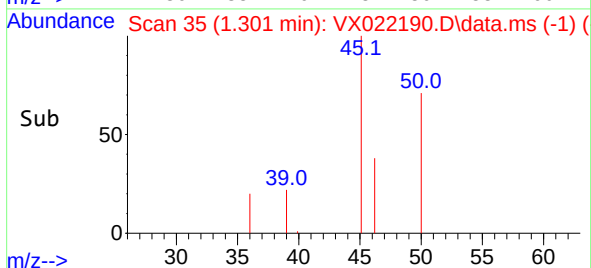
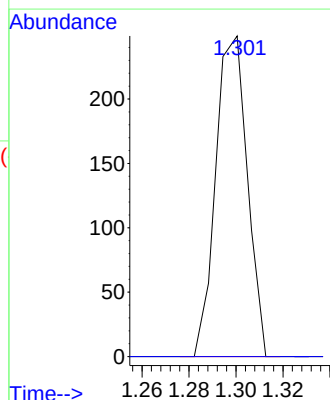
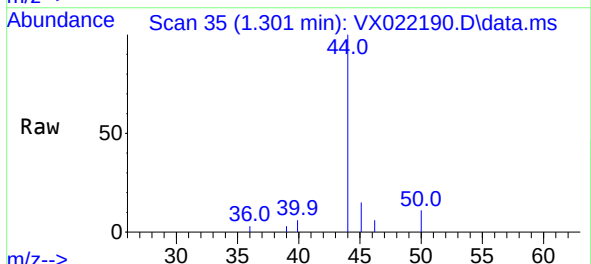
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

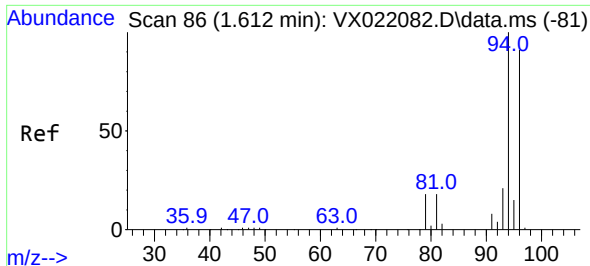
Tgt Ion:168 Resp: 70084
Ion Ratio Lower Upper
168 100
99 66.1 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 50 Resp: 233
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

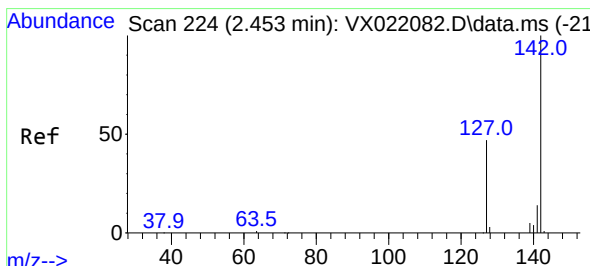
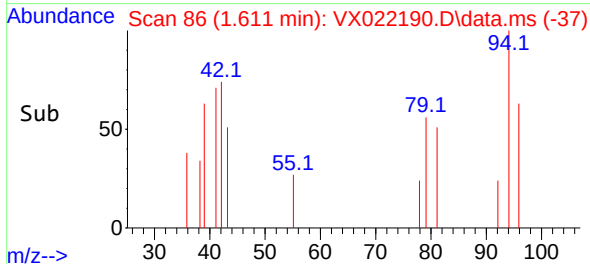
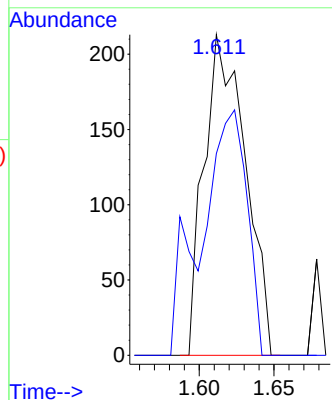
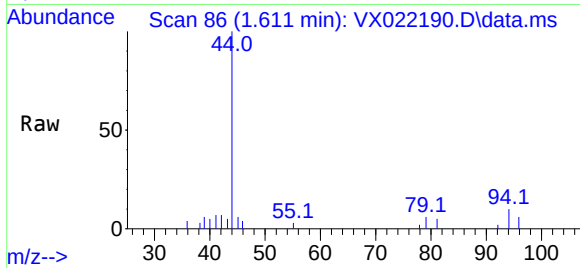




#5
Bromomethane
Concen: 0.72 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

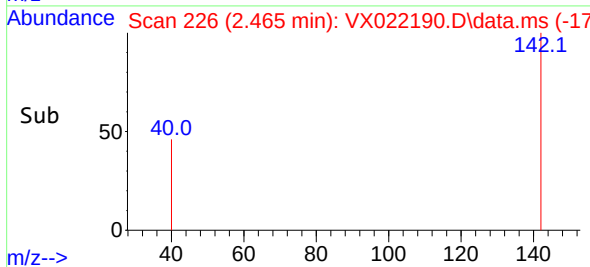
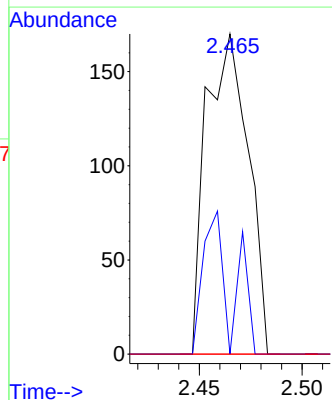
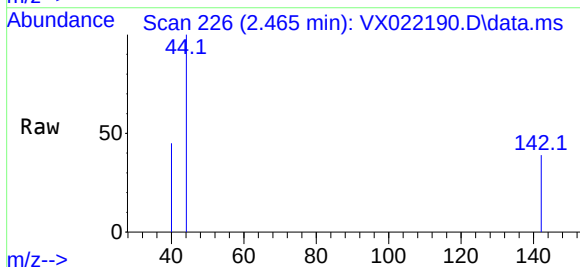
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

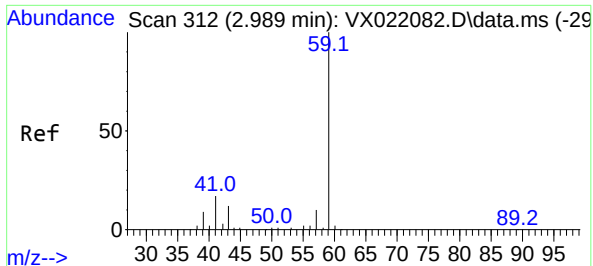
Tgt Ion: 94 Resp: 410
Ion Ratio Lower Upper
94 100
96 62.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 142 Resp: 242
Ion Ratio Lower Upper
142 100
127 30.6 33.3 49.9#
141 0.0 11.4 17.0#



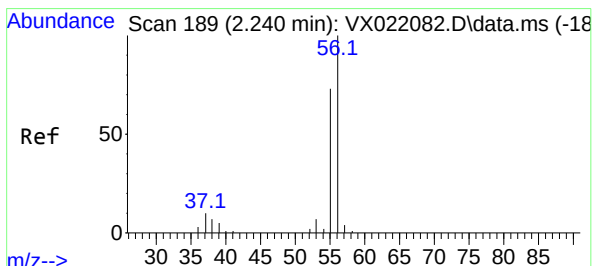
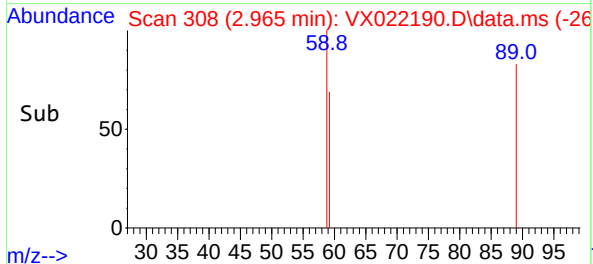
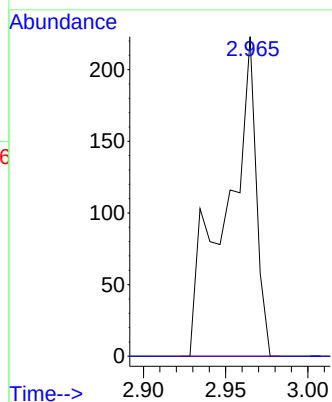
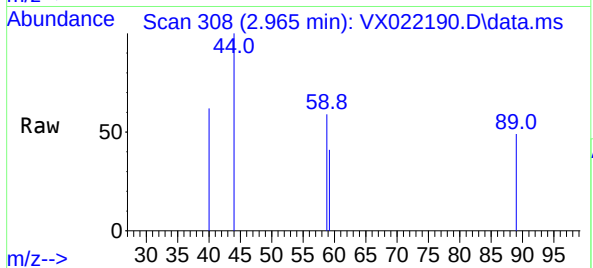


#11

Tert butyl alcohol
Concen: 1.14 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

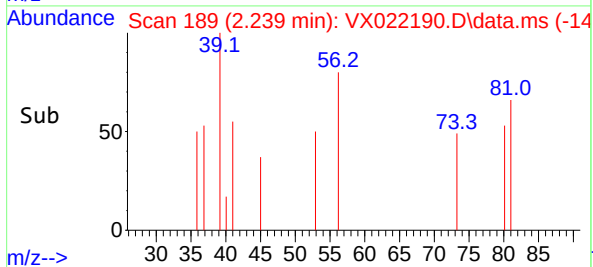
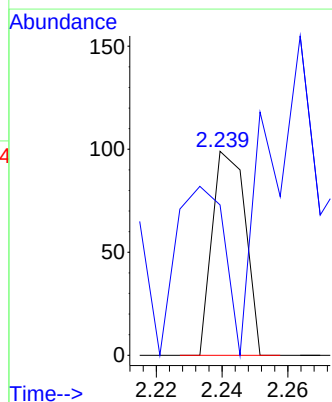
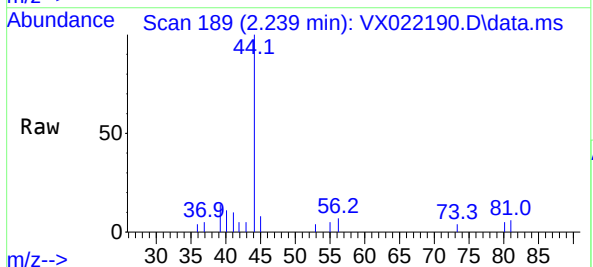
Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

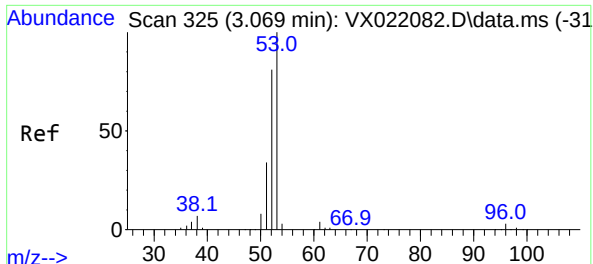


#13

Acrolein
Concen: 0.42 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 153.6 56.4 84.6#

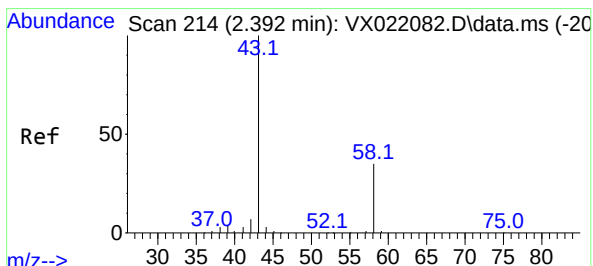
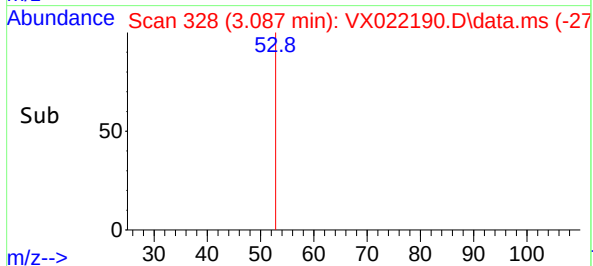
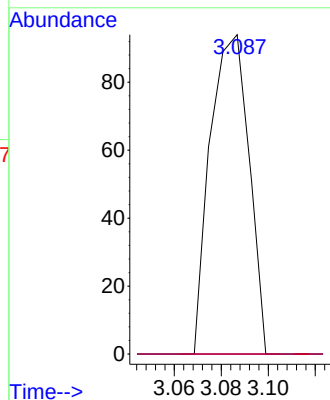
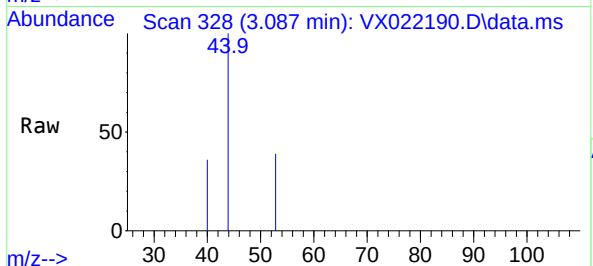




#15
Acrylonitrile
Concen: 0.22 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

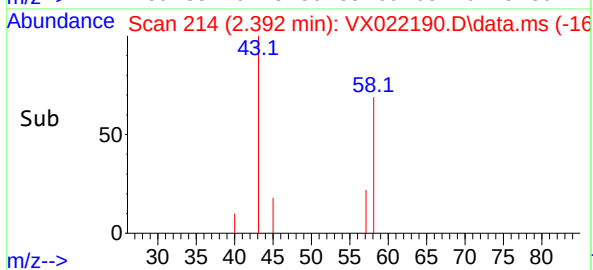
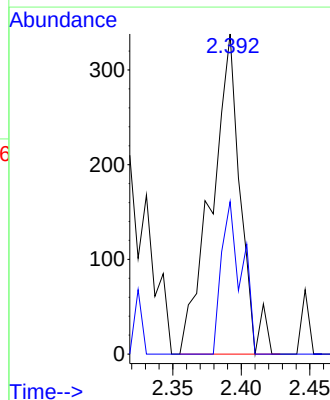
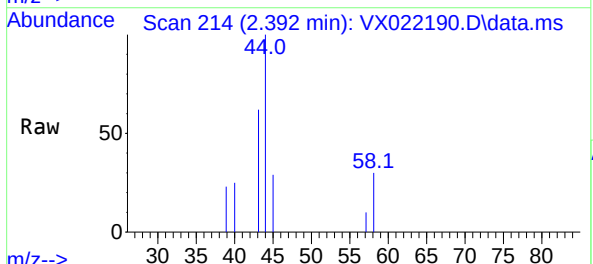
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

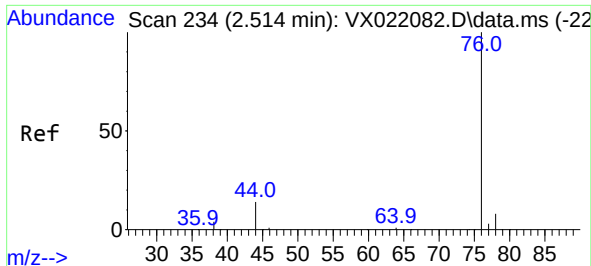
Tgt Ion: 53	Resp: 108
Ion Ratio	Lower Upper
53 100	
52 0.0	65.3 97.9#
51 0.0	28.2 42.2#



#16
Acetone
Concen: 1.06 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 43	Resp: 498
Ion Ratio	Lower Upper
43 100	
58 47.6	27.8 41.8#

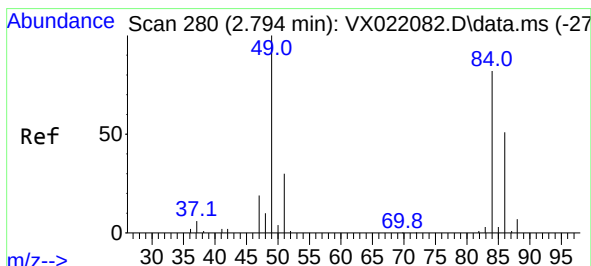
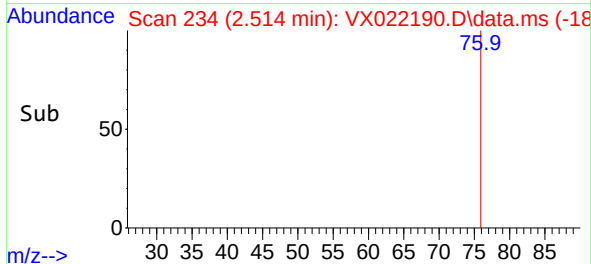
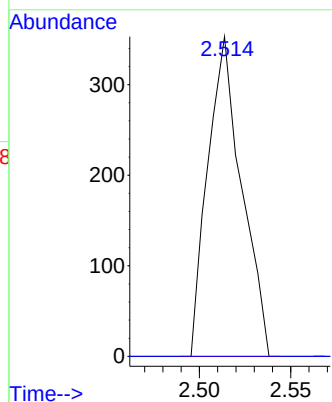
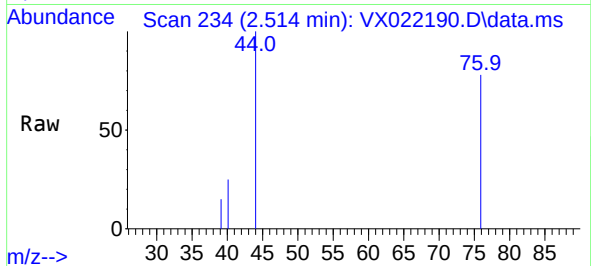




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

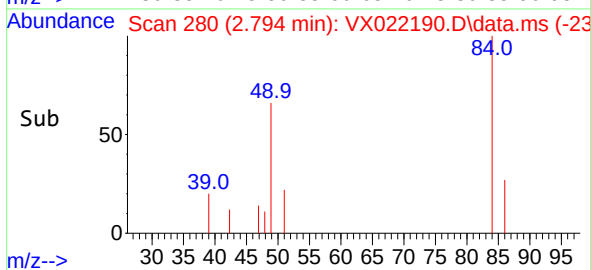
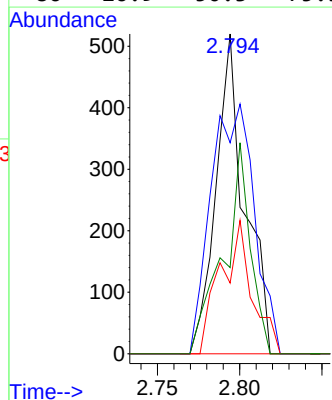
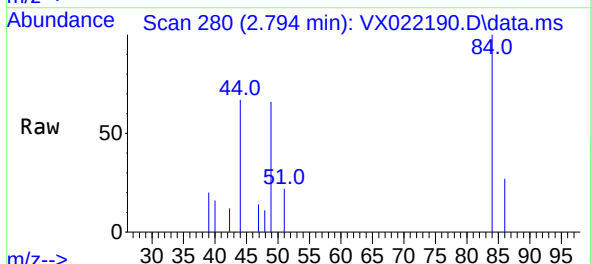
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

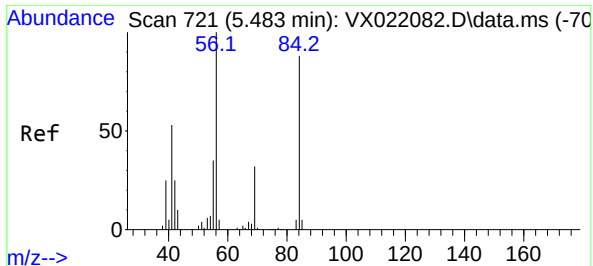
Tgt Ion: 76 Resp: 456
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

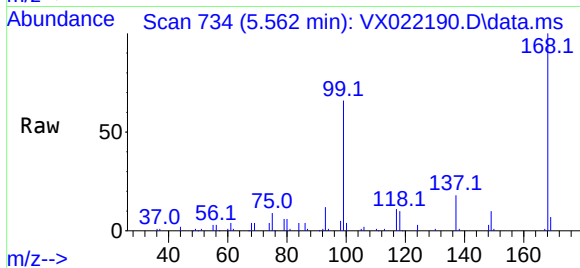
Tgt Ion: 84 Resp: 630
Ion Ratio Lower Upper
84 100
49 66.0 88.6 132.8#
51 22.1 27.0 40.6#
86 26.9 50.3 75.5#



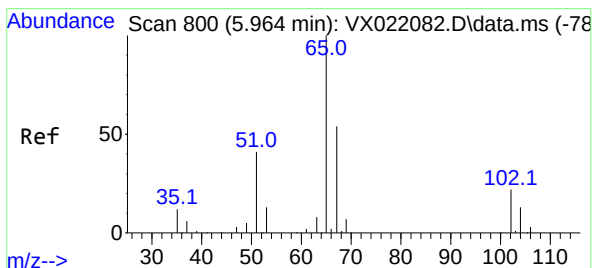
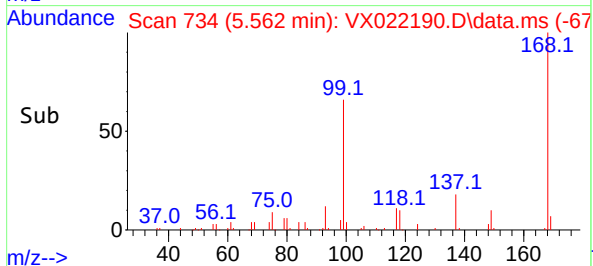
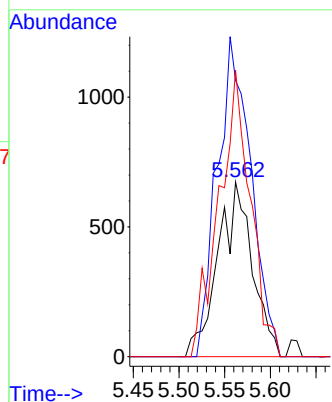


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

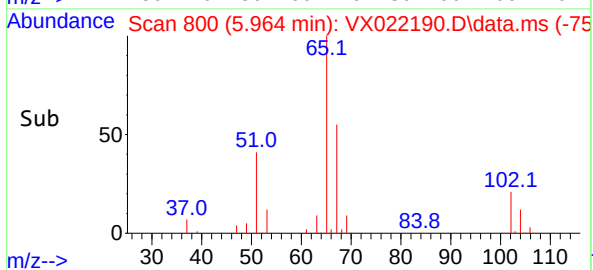
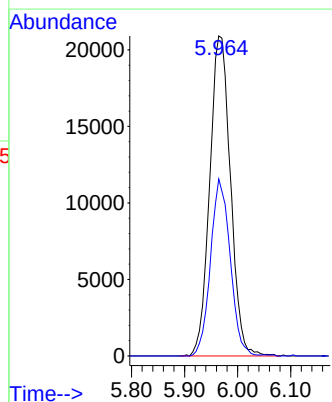
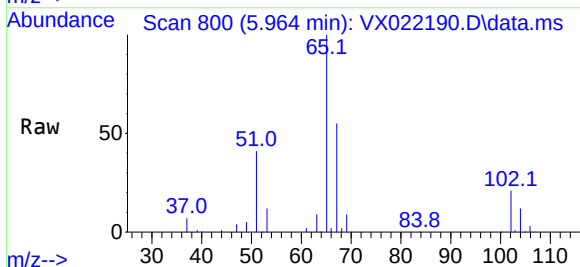


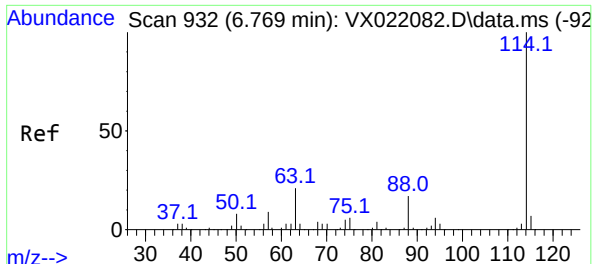
Tgt Ion: 56 Resp: 1765
Ion Ratio Lower Upper
56 100
69 158.1 25.3 37.9#
84 164.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.69 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 65 Resp: 56965
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

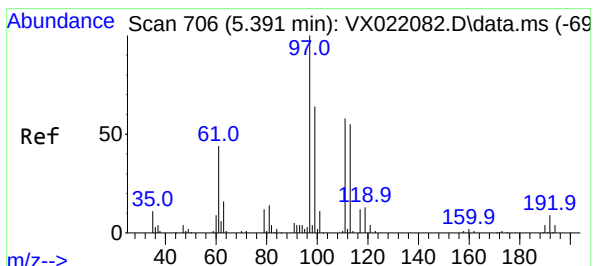
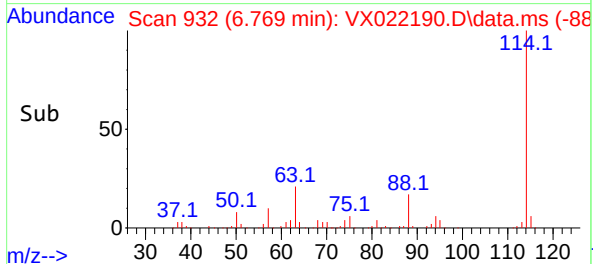
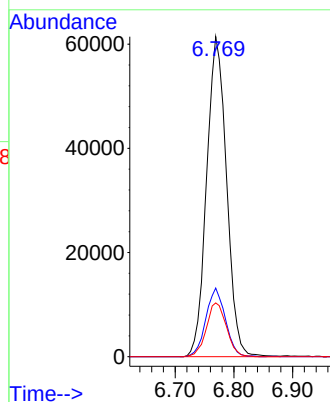
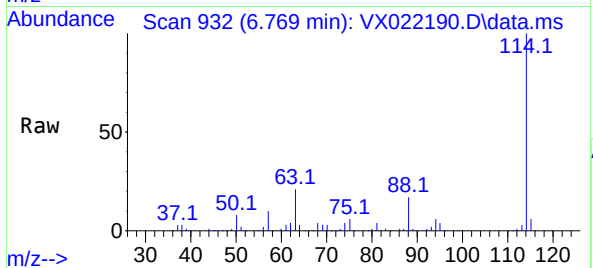




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

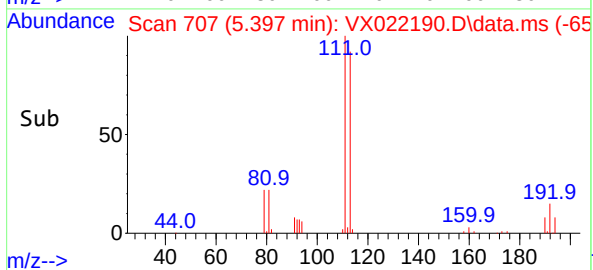
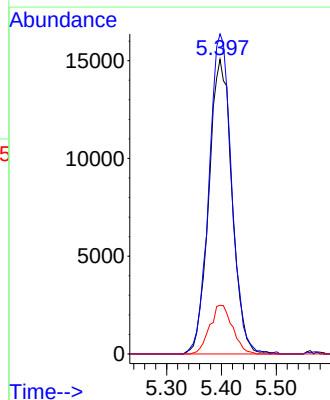
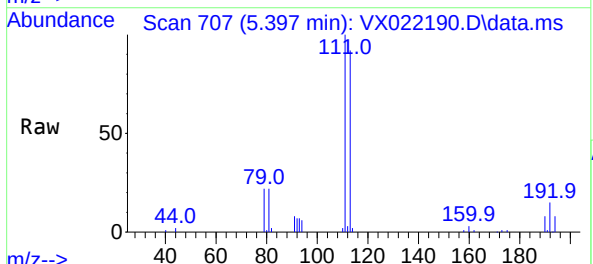
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

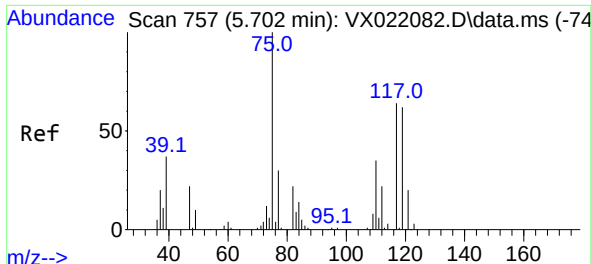
Tgt Ion:114 Resp: 144963
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.04 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion:113 Resp: 44158
Ion Ratio Lower Upper
113 100
111 105.9 81.9 122.9
192 16.2 16.7 25.1#

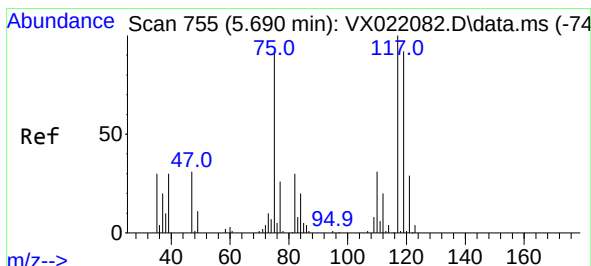
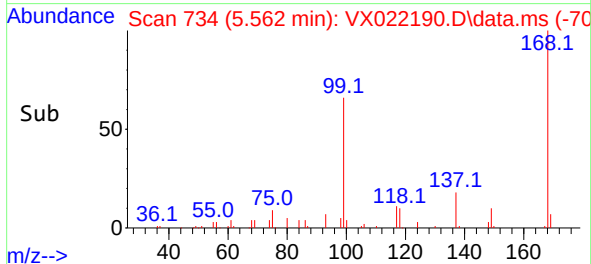
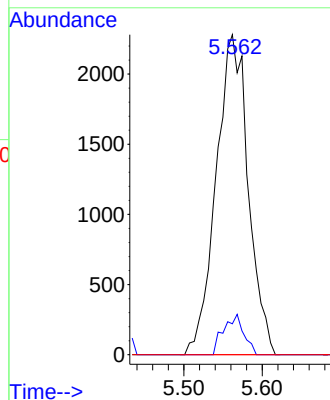
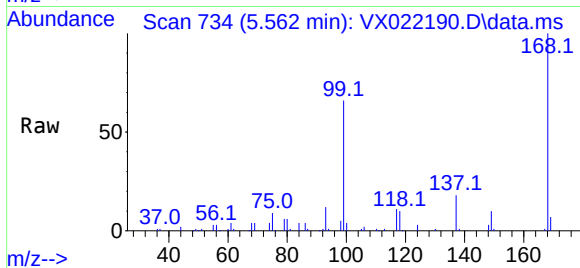




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

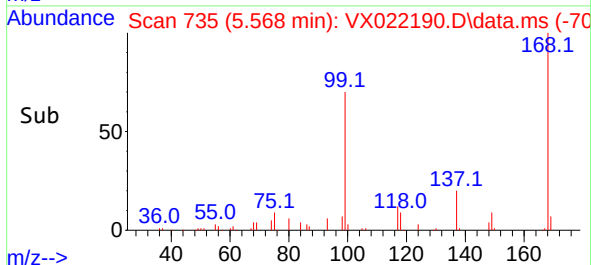
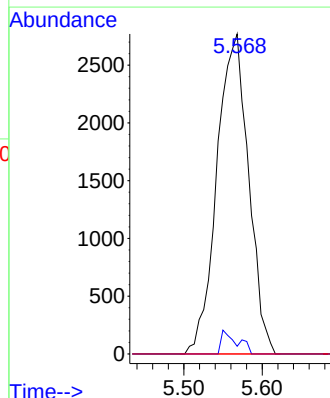
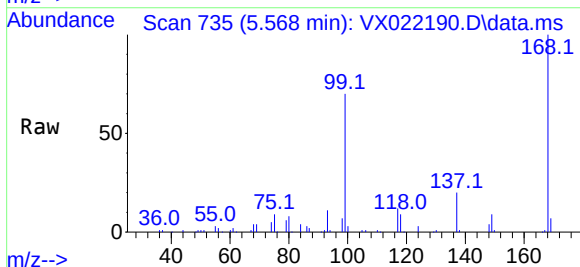
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

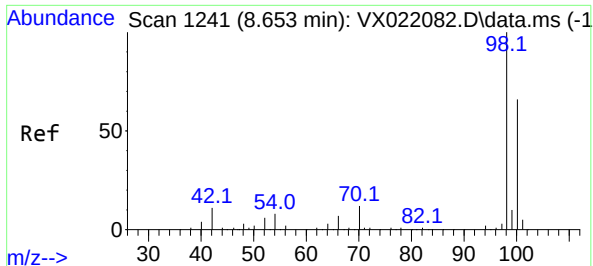
Tgt Ion: 75 Resp: 6503
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 117 Resp: 7793
Ion Ratio Lower Upper
117 100
119 2.4 76.2 114.2#
121 0.0 24.8 37.2#

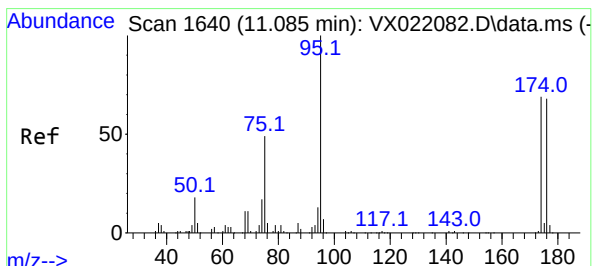
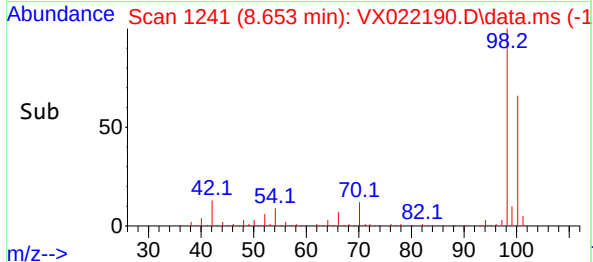
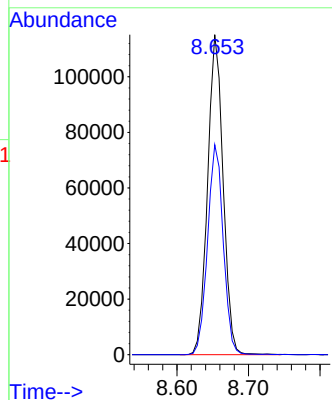
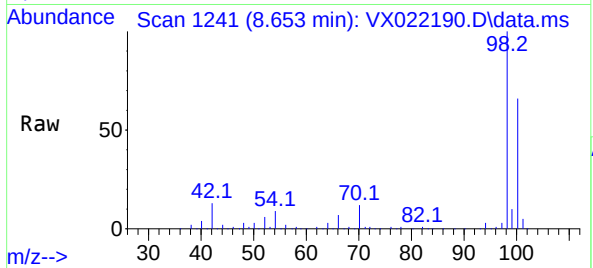




#50
Toluene-d8
Concen: 48.98 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

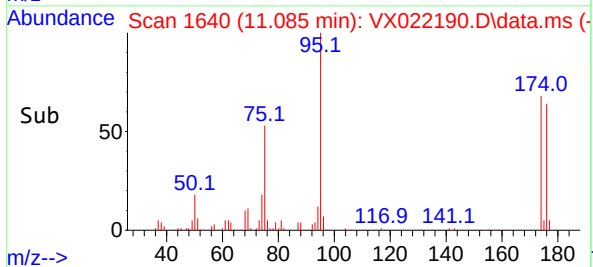
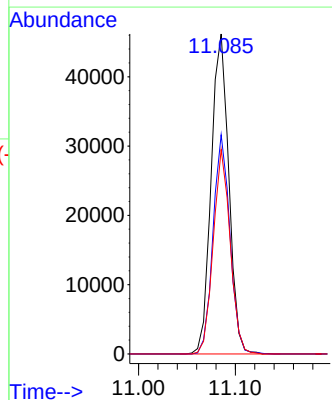
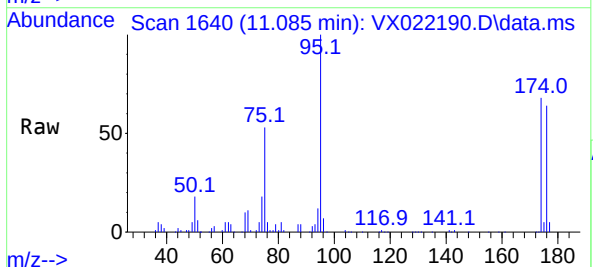
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

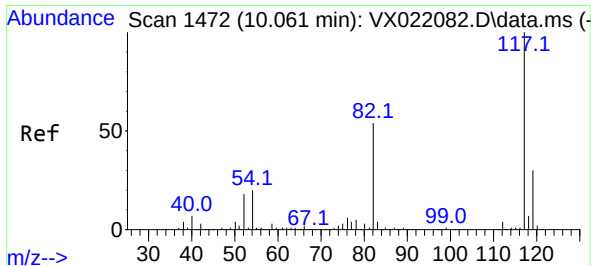
Tgt Ion: 98 Resp: 173438
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.59 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 95 Resp: 58363
Ion Ratio Lower Upper
95 100
174 65.5 0.0 154.6
176 61.4 0.0 155.8

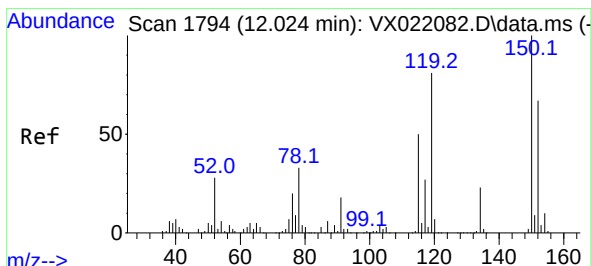
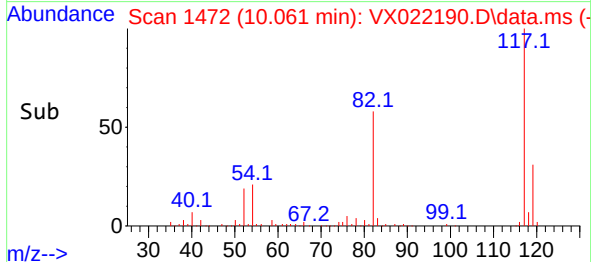
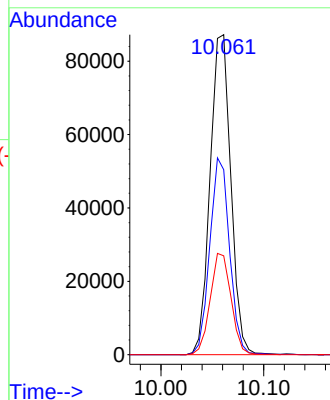
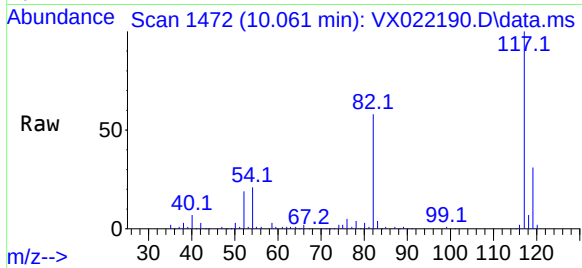




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

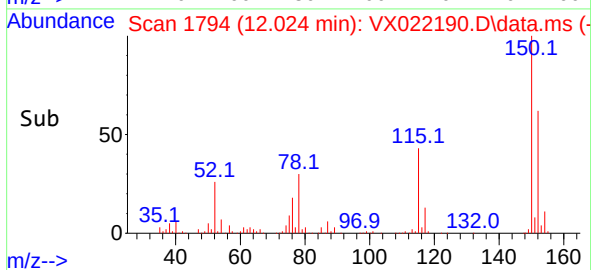
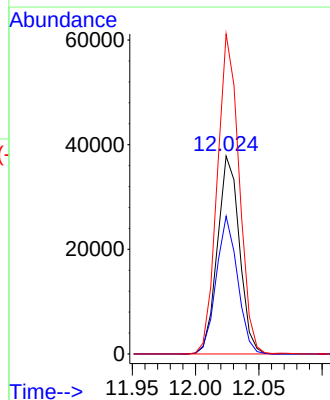
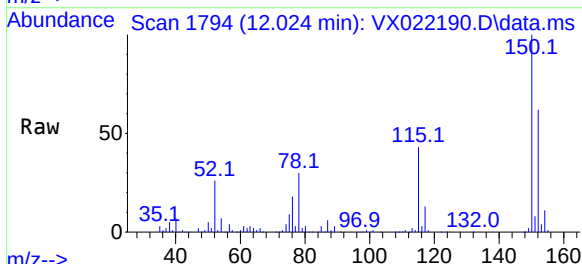
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

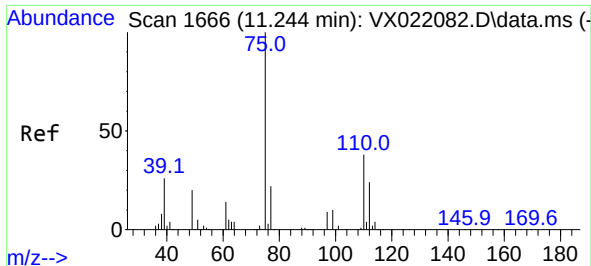
Tgt Ion:117 Resp: 122149
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion:152 Resp: 45534
Ion Ratio Lower Upper
152 100
115 67.8 41.1 123.3
150 161.0 0.0 349.0

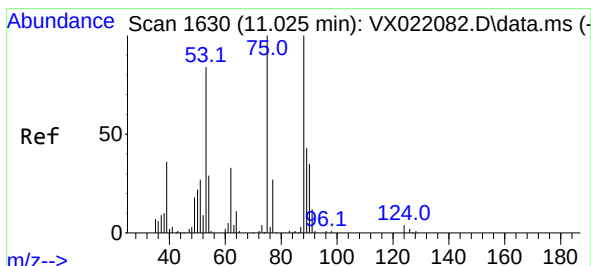
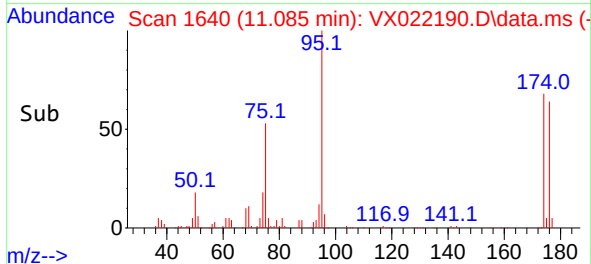
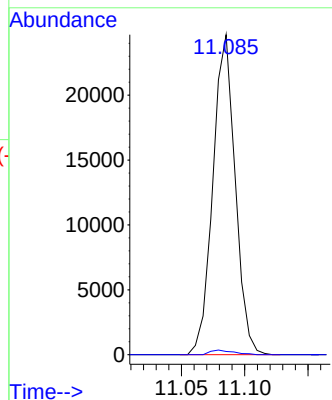
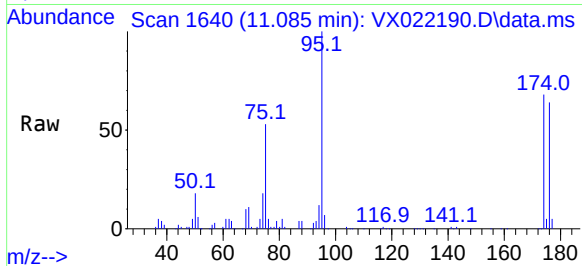




#76
1,2,3-Trichloropropane
Concen: 26.93 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL01

Tgt Ion: 75 Resp: 30250
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.80 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022190.D
Acq: 26 May 2021 12:18

Tgt Ion: 75 Resp: 30250
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

