

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022685.D
 Acq On : 14 Jun 2021 11:19
 Operator : JC/MD
 Sample : VX0614WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 06:08:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

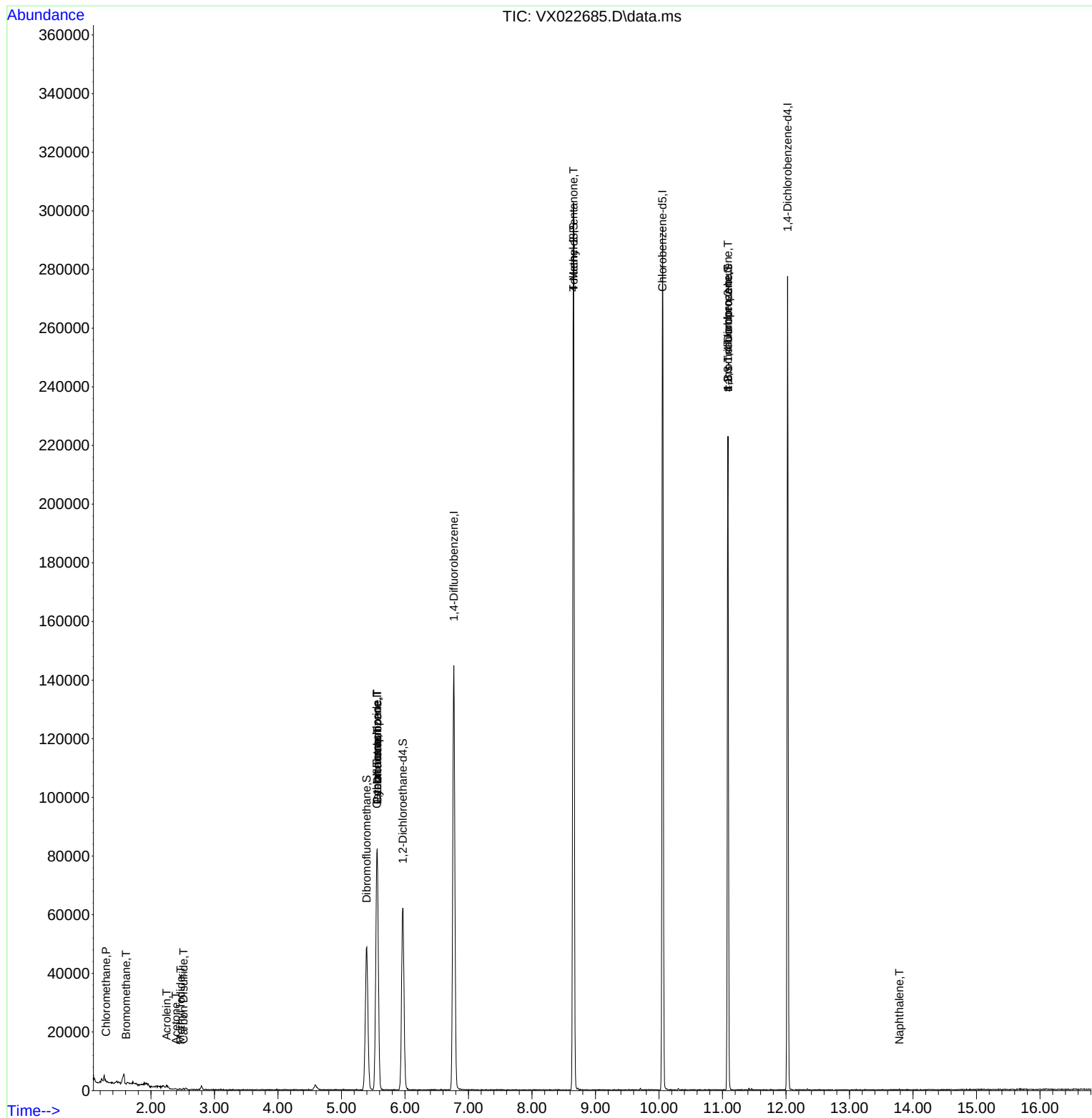
Internal Standards						
1) Pentafluorobenzene	5.562	168	68994	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	138572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58316	47.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.00%		
35) Dibromofluoromethane	5.397	113	41376	46.80	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.60%		
50) Toluene-d8	8.653	98	169241	48.56	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.12%		
62) 4-Bromofluorobenzene	11.085	95	59065	44.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.62%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	207	0.21	ug/l	# 42
5) Bromomethane	1.605	94	311	0.59	ug/l	# 54
10) Methyl Iodide	2.465	142	253	0.27	ug/l	# 42
13) Acrolein	2.246	56	50	0.42	ug/l	# 1
16) Acetone	2.392	43	349	0.63	ug/l	# 40
17) Carbon Disulfide	2.514	76	396	0.21	ug/l	# 75
31) Cyclohexane	5.562	56	2324	1.55	ug/l	# 20
36) 1,1-Dichloropropene	5.562	75	7179	5.20	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	8477	7.18	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	837	0.48	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	32365	25.42	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	32365	63.90	ug/l	# 12
95) Naphthalene	13.786	128	200	1.52	ug/l	# 69

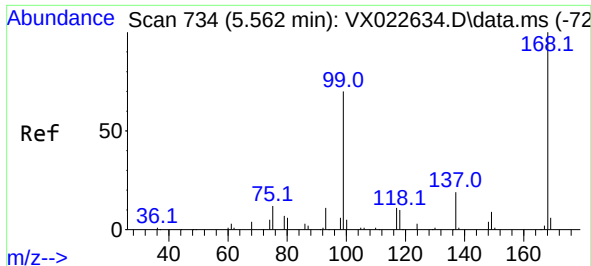
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Jun 15 06:08:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

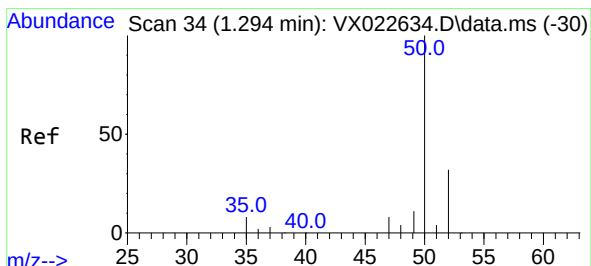
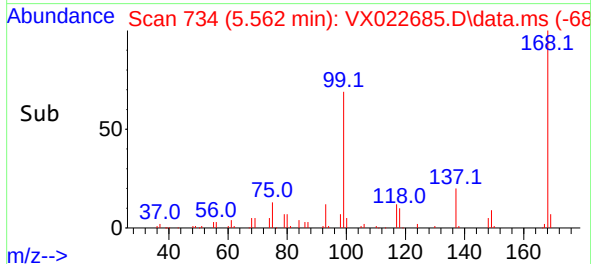
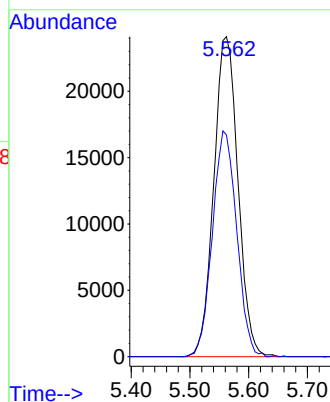
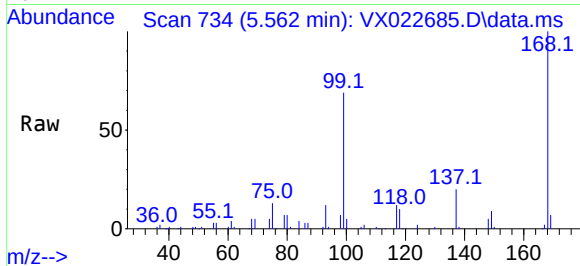




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

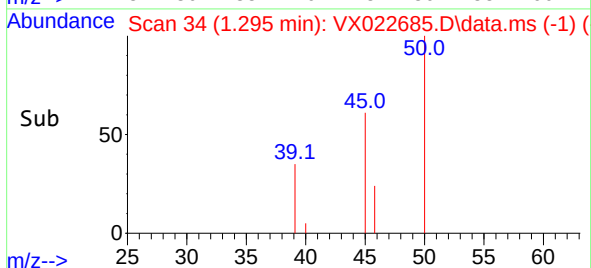
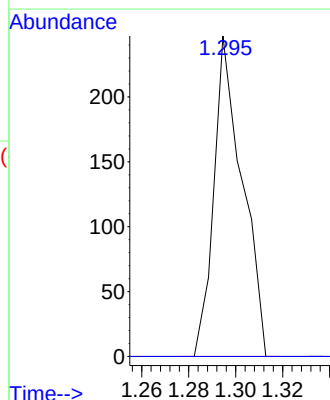
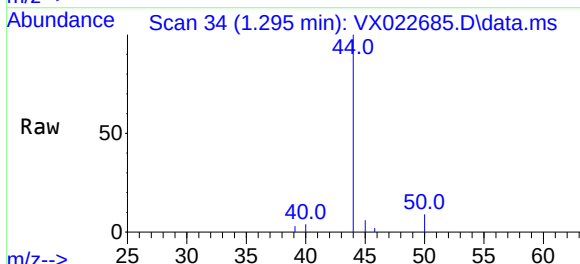
Instrument :
MSVOA_X
ClientSampleId :

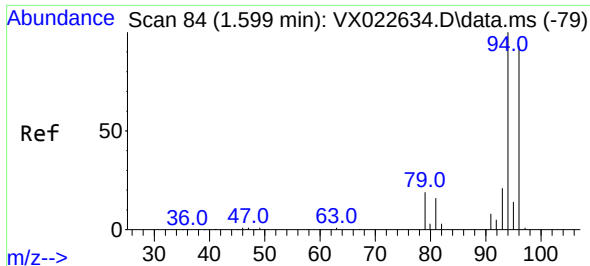
Tgt Ion:168 Resp: 68994
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion: 50 Resp: 207
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

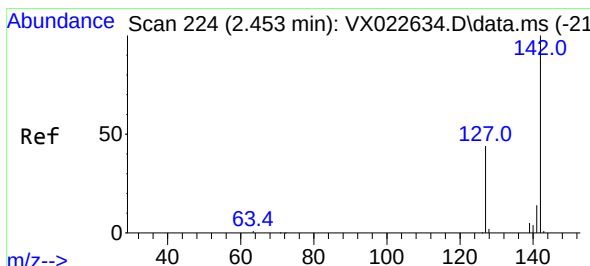
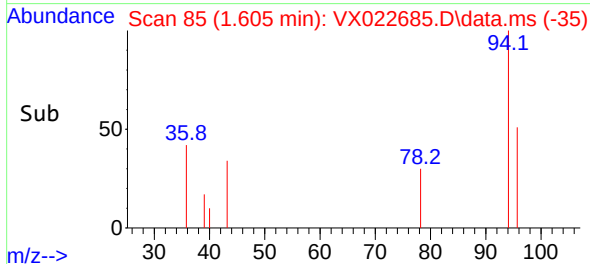
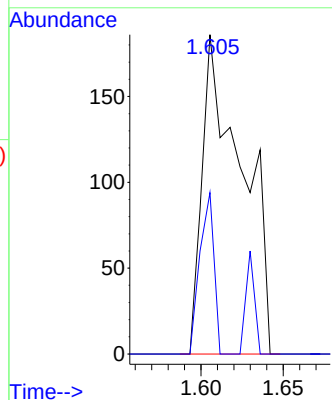
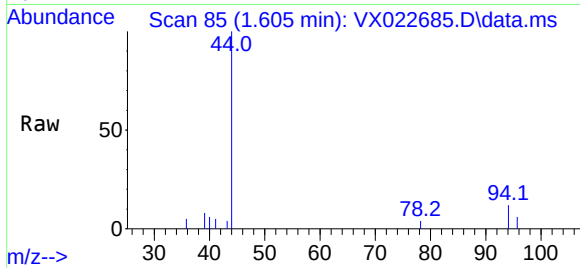




#5
Bromomethane
Concen: 0.59 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

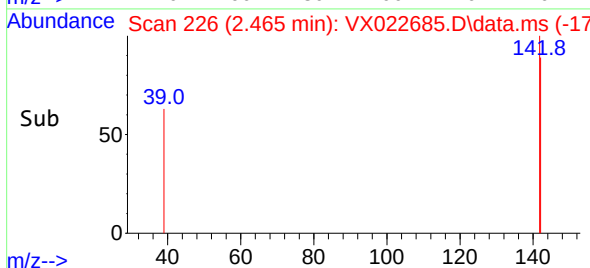
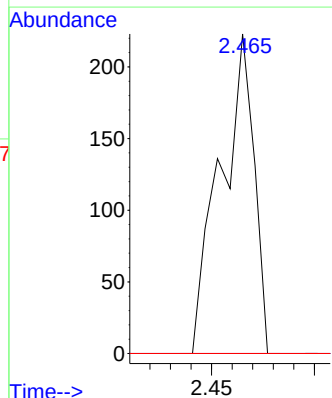
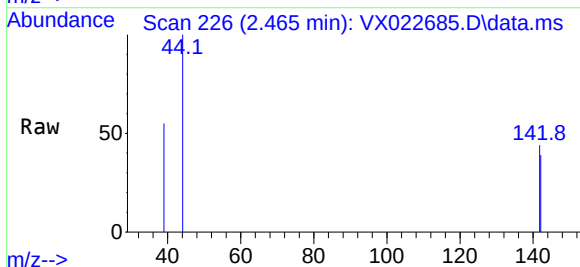
Instrument :
MSVOA_X
ClientSampled :

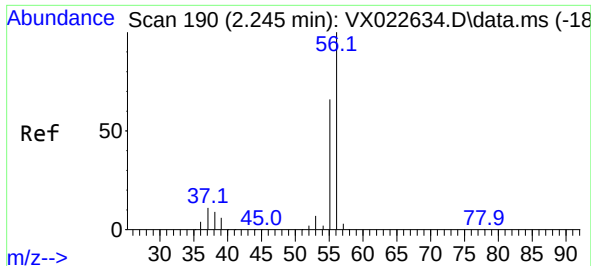
Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 50.5 76.4 114.6#



#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion: 142 Resp: 253
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

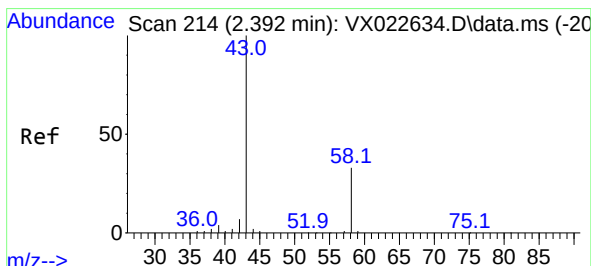
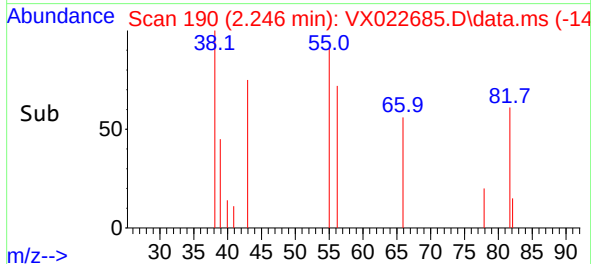
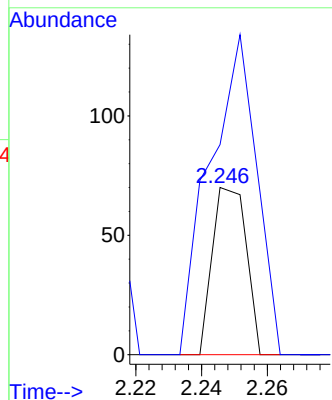
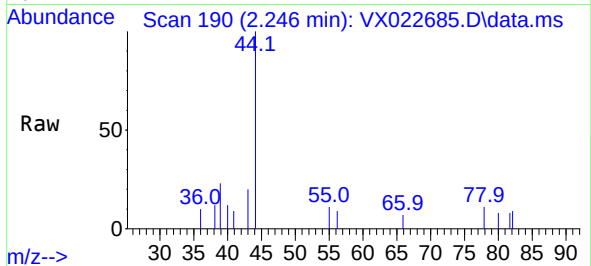




#13
Acrolein
Concen: 0.42 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

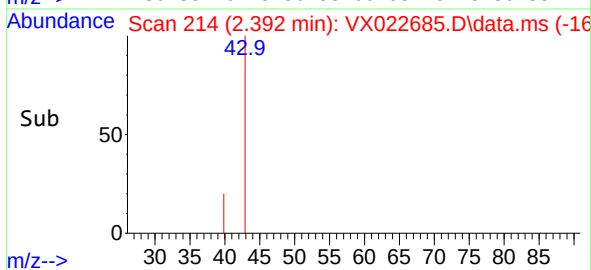
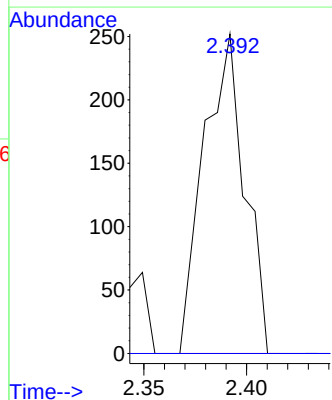
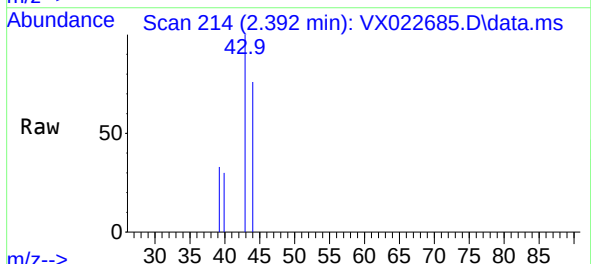
Instrument :
MSVOA_X
ClientSampled :

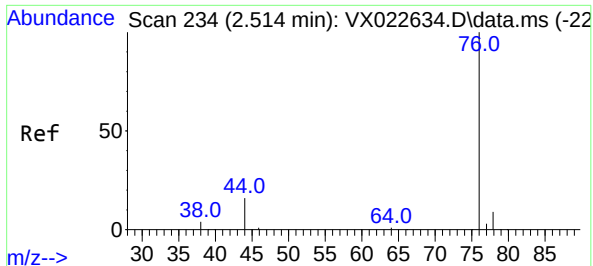
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 266.0 56.4 84.6#



#16
Acetone
Concen: 0.63 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

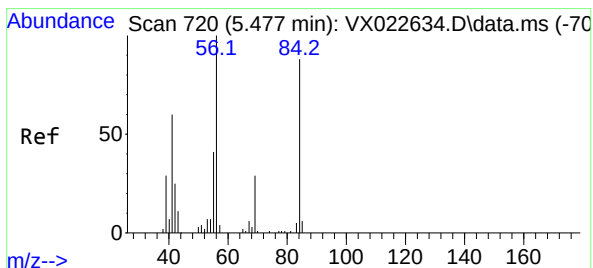
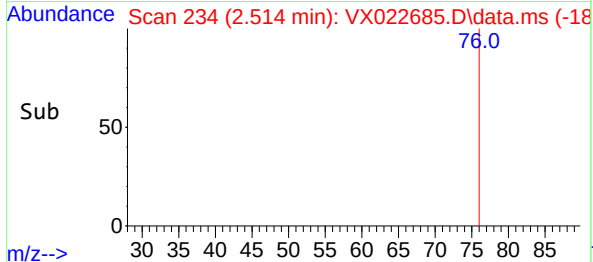
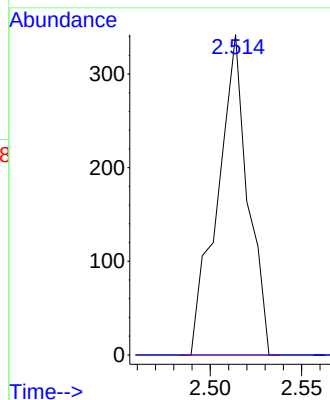
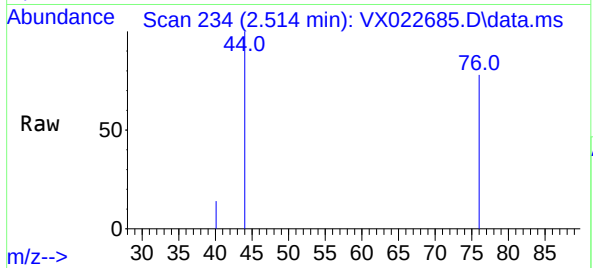




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

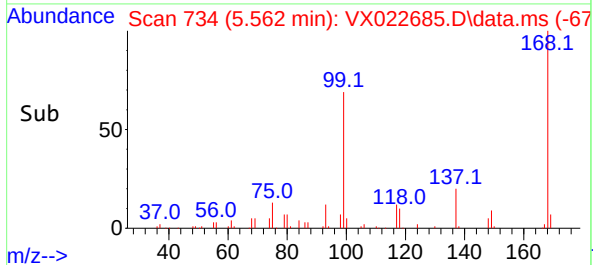
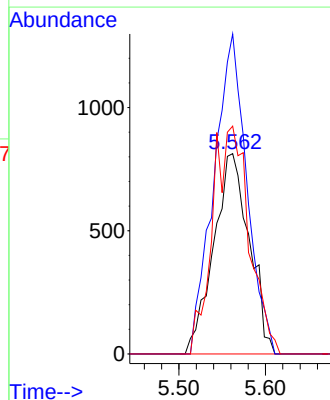
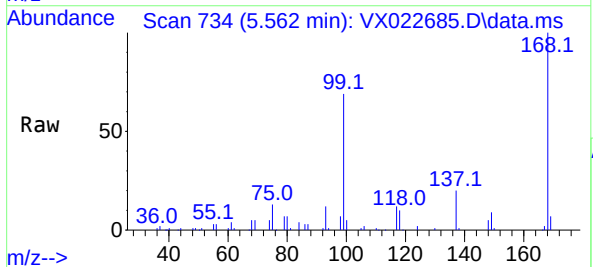
Instrument :
MSVOA_X
ClientSampled :

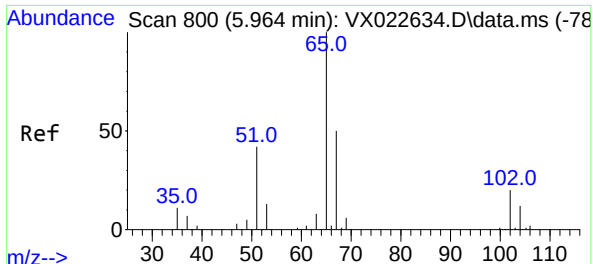
Tgt Ion: 76 Resp: 396
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion: 56 Resp: 2324
Ion Ratio Lower Upper
56 100
69 159.8 25.3 37.9#
84 113.8 71.4 107.0#



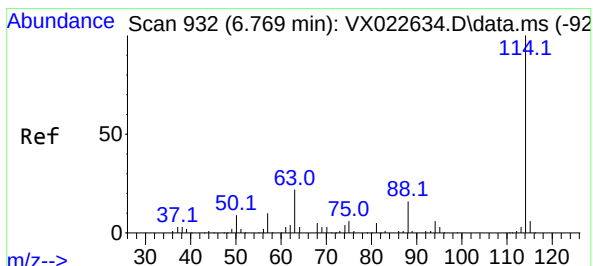
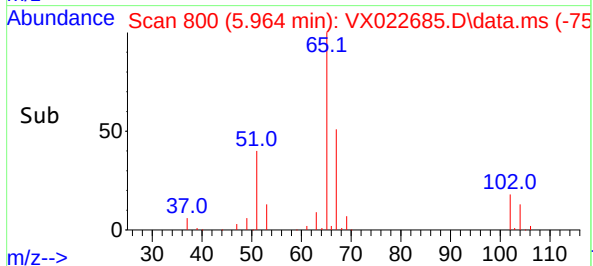
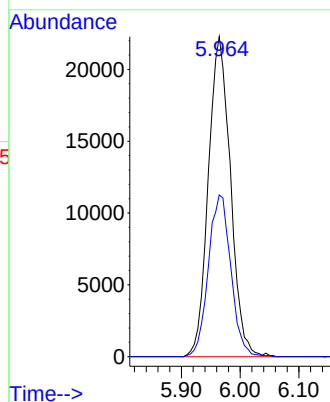
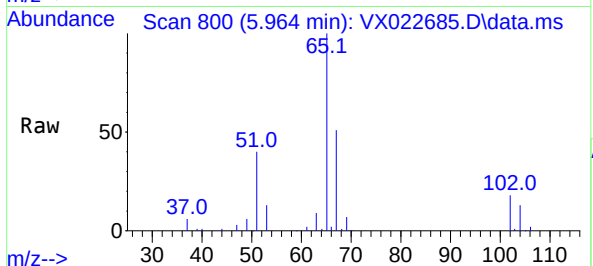


#33

1,2-Dichloroethane-d4
Concen: 47.00 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Instrument :
MSVOA_X
ClientSampleId :

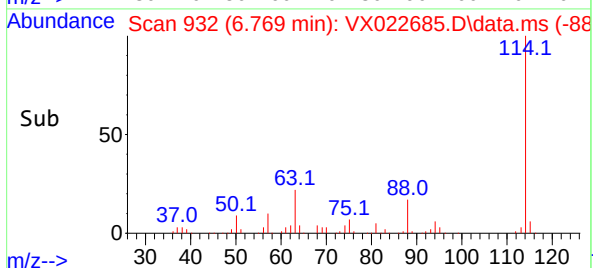
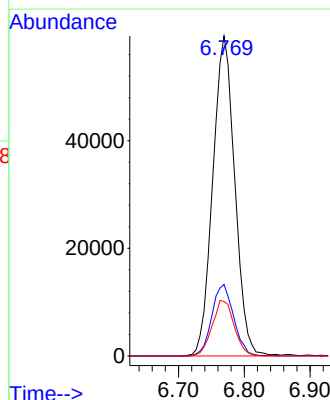
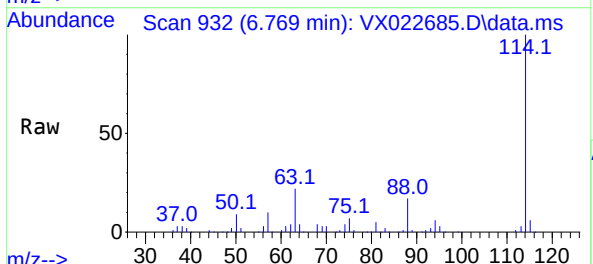
Tgt Ion: 65 Resp: 58316
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

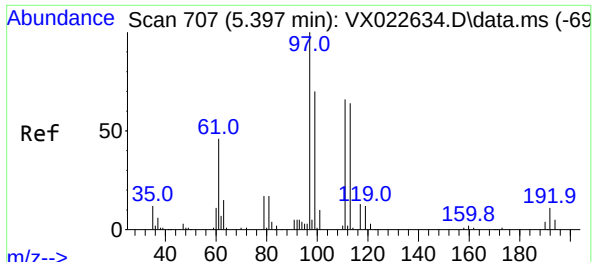


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion: 114 Resp: 138572
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.1 0.0 32.8

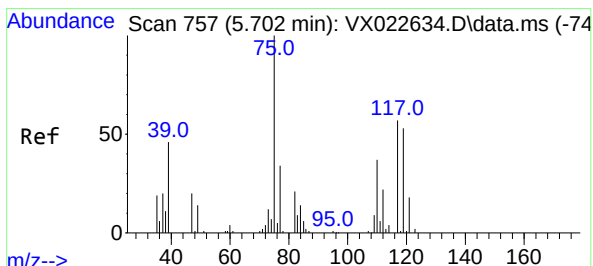
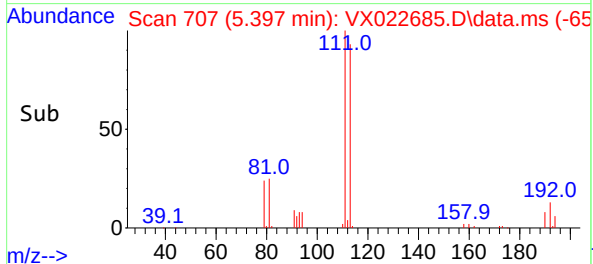
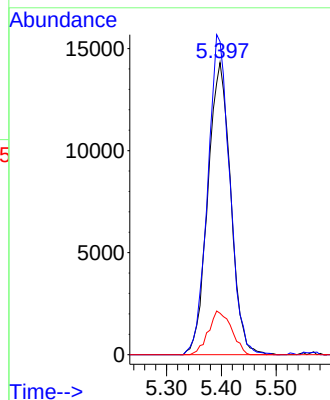
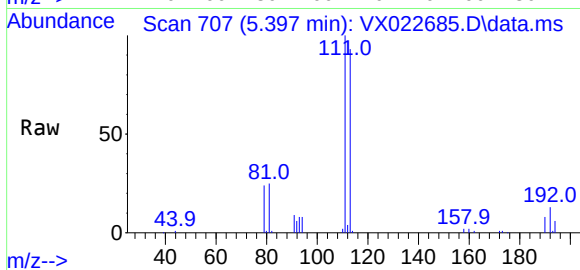




#35
Dibromofluoromethane
Concen: 46.80 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

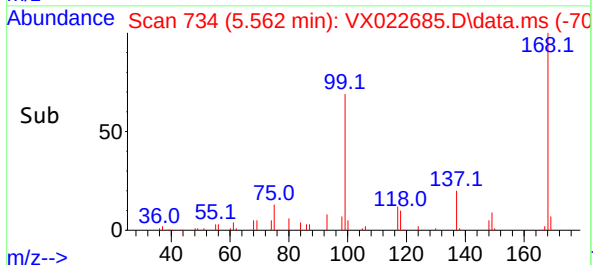
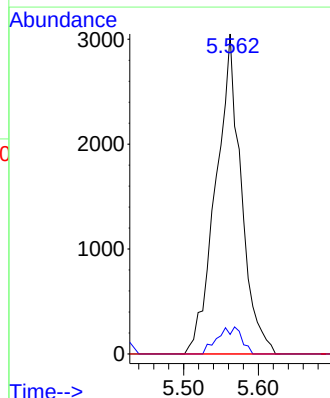
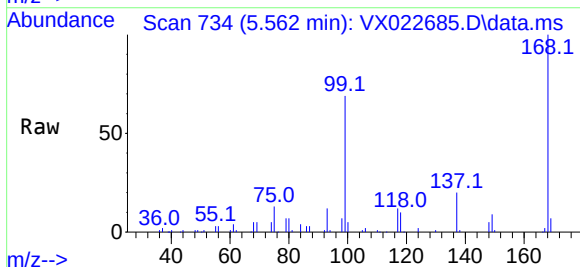
Instrument :
MSVOA_X
ClientSampleId :

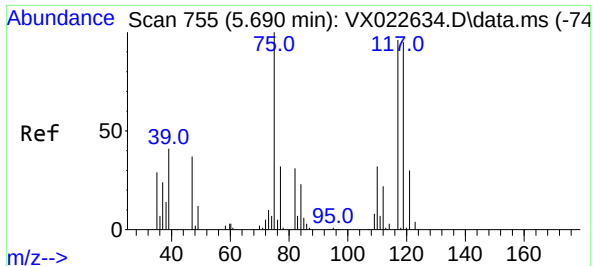
Tgt Ion:113 Resp: 41376
Ion Ratio Lower Upper
113 100
111 105.6 81.9 122.9
192 15.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.20 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

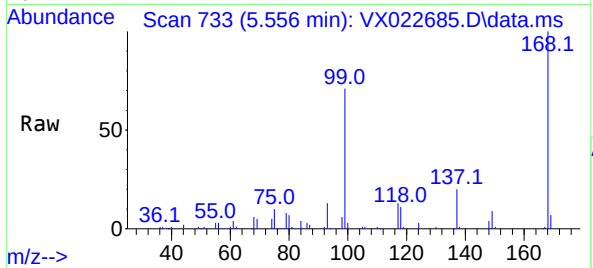
Tgt Ion: 75 Resp: 7179
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#



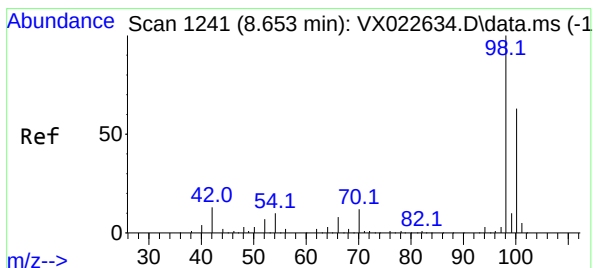
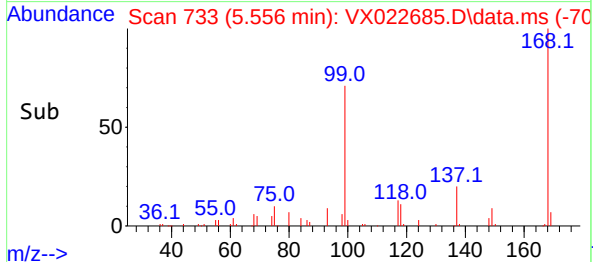
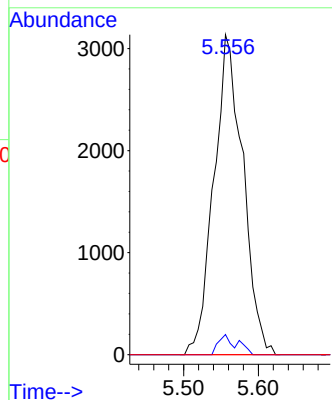


#38
Carbon Tetrachloride
Concen: 7.18 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Instrument :
MSVOA_X
ClientSampled :

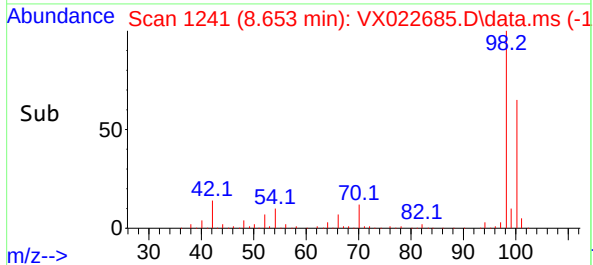
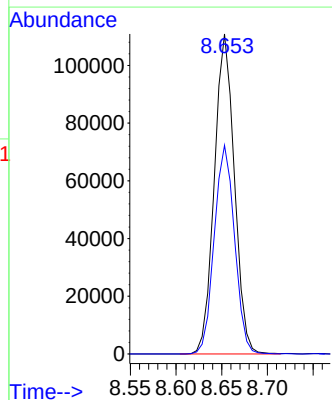
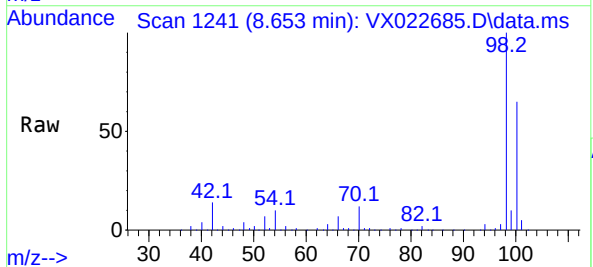


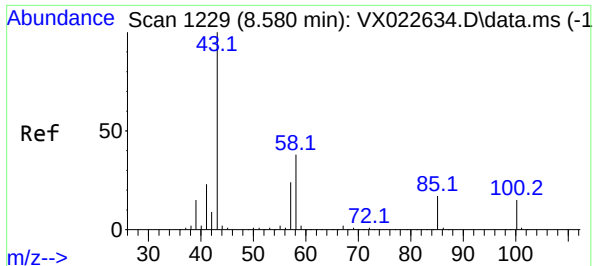
Tgt Ion:117 Resp: 8477
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion: 98 Resp: 169241
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

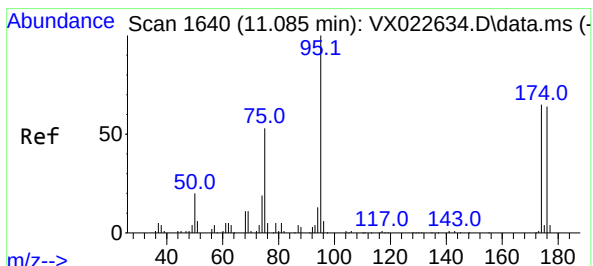
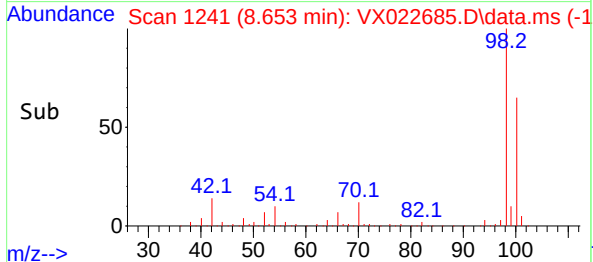
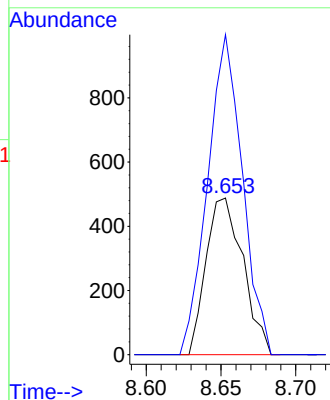
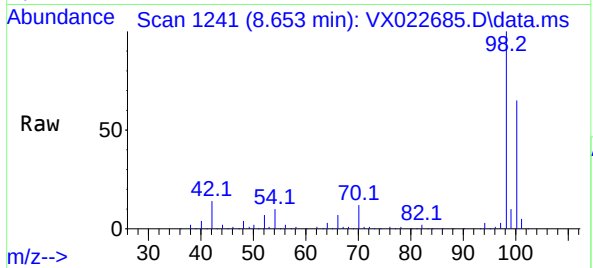




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

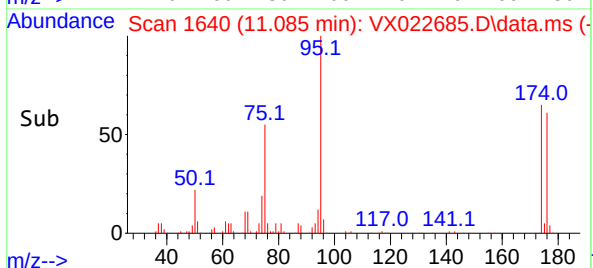
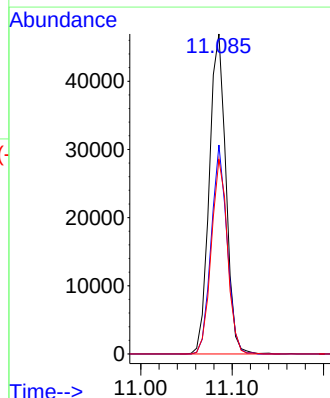
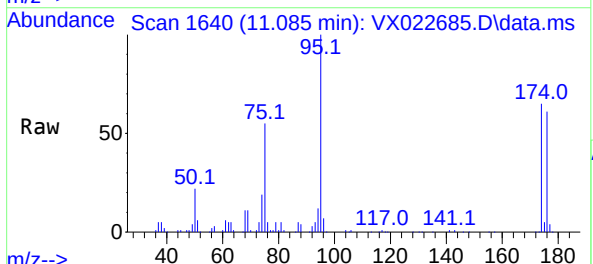
Instrument :
MSVOA_X
ClientSampled :

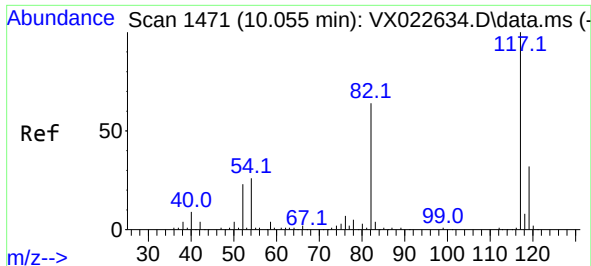
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 192.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.81 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion: 95 Resp: 59065
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 59.2 0.0 155.8

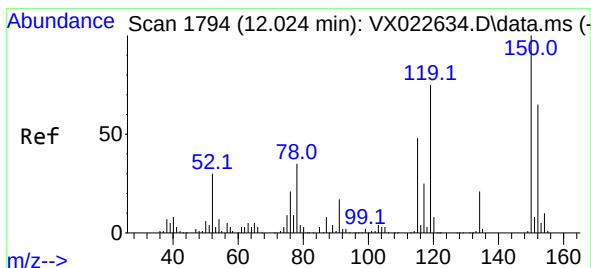
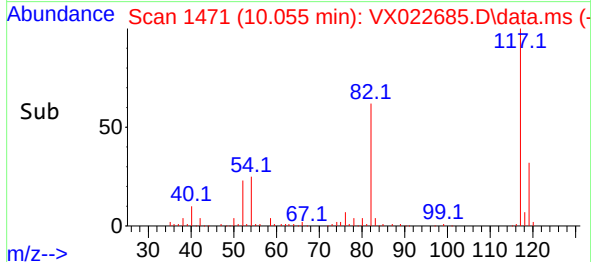
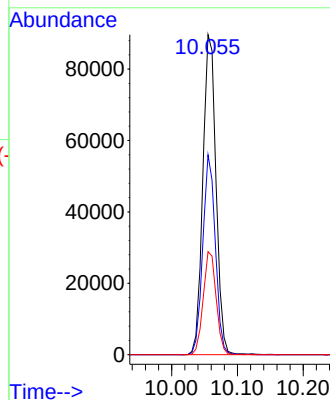
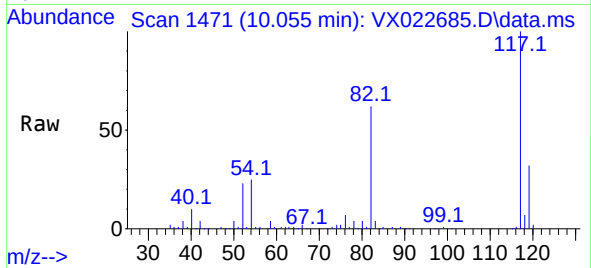




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

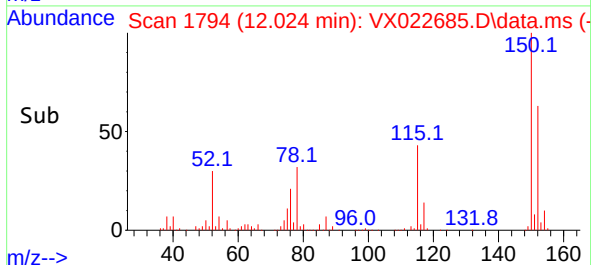
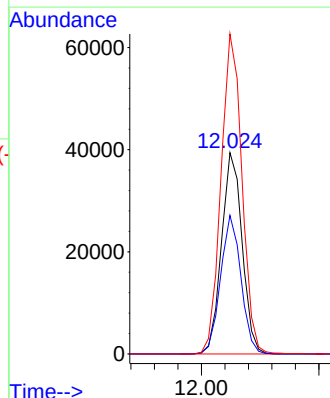
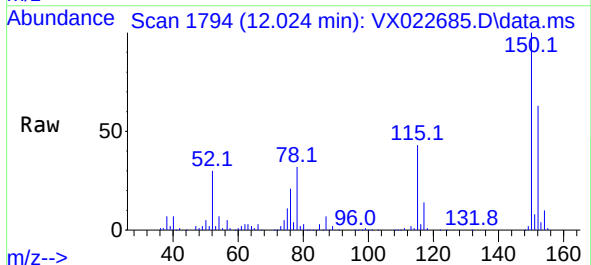
Instrument :
MSVOA_X
ClientSampled :

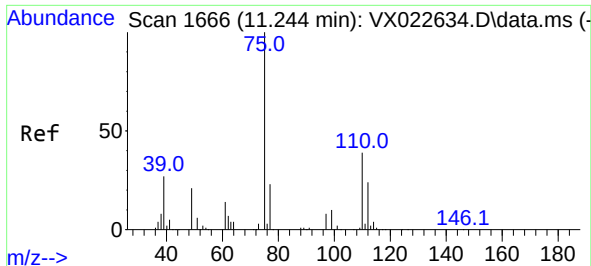
Tgt Ion:117 Resp: 124569
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Tgt Ion:152 Resp: 48021
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 161.7 0.0 349.0

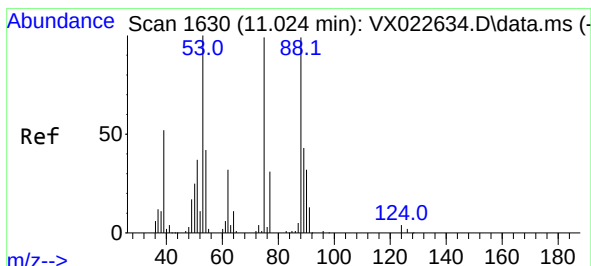
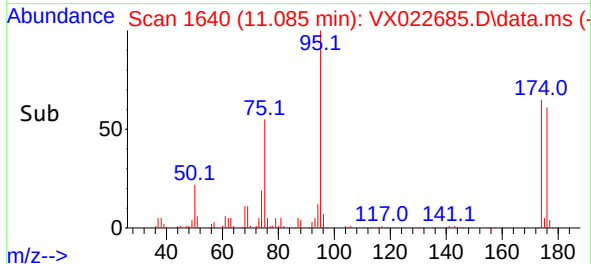
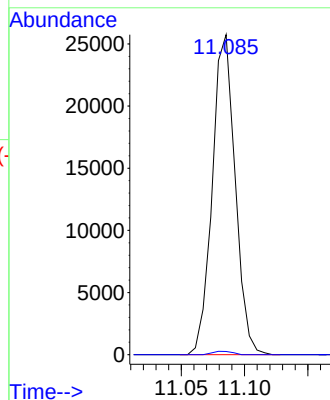
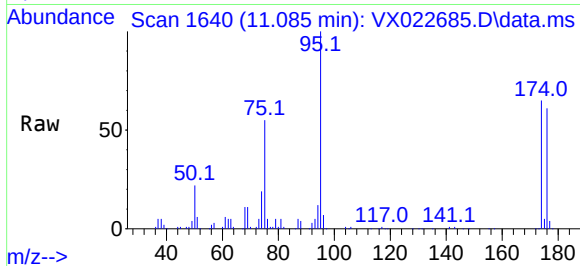




#76
1,2,3-Trichloropropane
Concen: 25.42 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

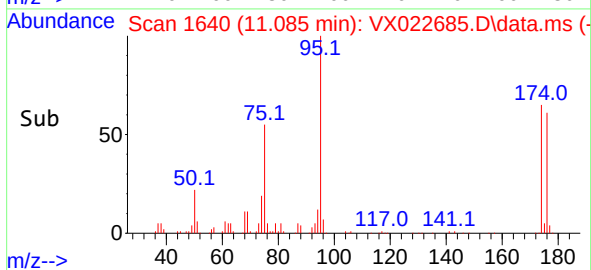
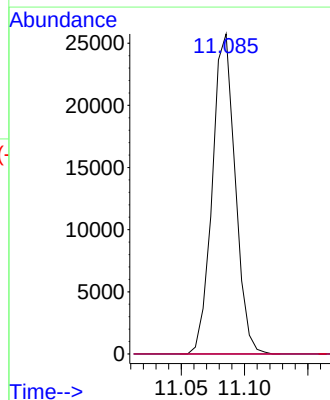
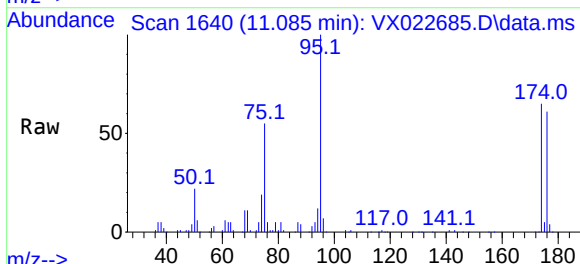
Instrument :
MSVOA_X
ClientSampled :

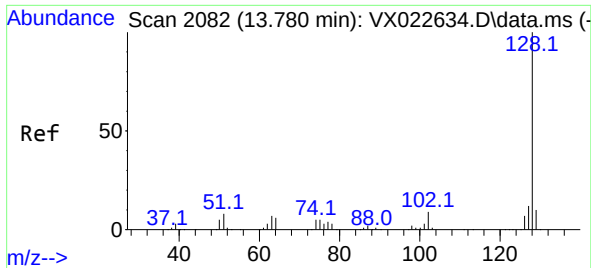
Tgt Ion: 75 Resp: 32365
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.90 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

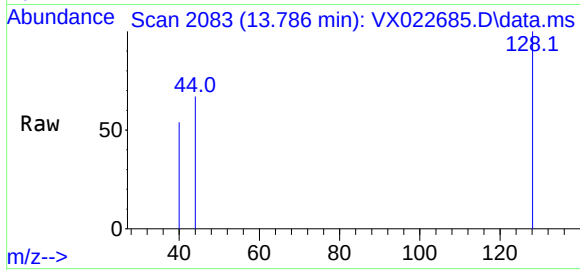
Tgt Ion: 75 Resp: 32365
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.52 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022685.D
Acq: 14 Jun 2021 11:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 200
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

