

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022658.D
 Acq On : 11 Jun 2021 11:23
 Operator : JC/MD
 Sample : VX0611WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBL01

Quant Time: Jun 11 13:25:35 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)

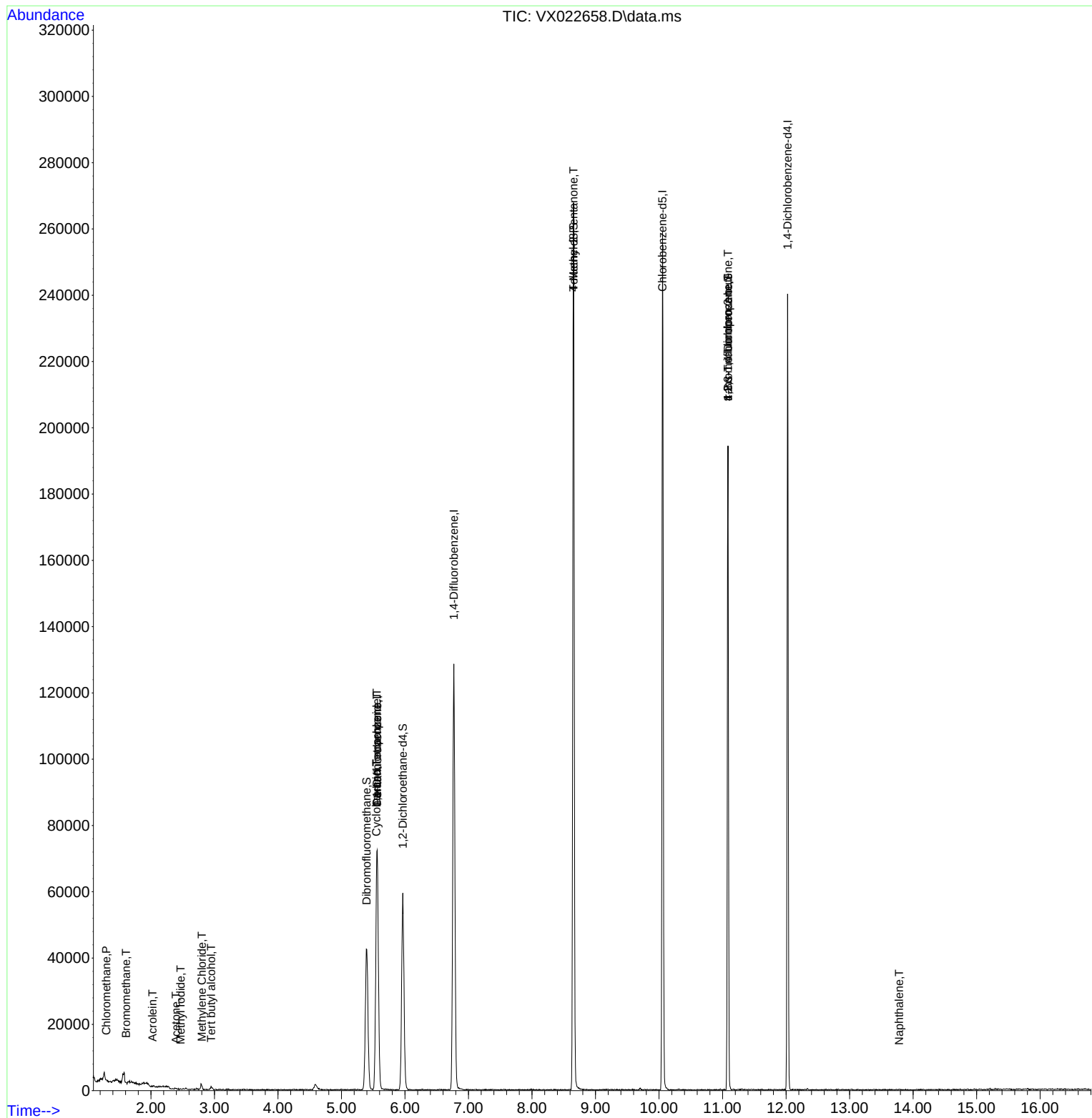
Internal Standards						
1) Pentafluorobenzene	5.562	168	61709	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	124297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51947	46.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.397	113	36927	46.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.120%		
50) Toluene-d8	8.653	98	152577	48.806	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.085	95	53243	45.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.060%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	181	0.207	ug/l #	42
5) Bromomethane	1.605	94	131	0.280	ug/l #	2
10) Methyl Iodide	2.465	142	173	0.204	ug/l #	42
11) Tert butyl alcohol	2.947	59	573	2.230	ug/l #	73
13) Acrolein	2.026	56	43	0.399	ug/l #	14
16) Acetone	2.392	43	350	0.704	ug/l #	40
20) Methylene Chloride	2.800	84	614	0.364	ug/l #	78
31) Cyclohexane	5.550	56	1903	1.421	ug/l #	59
36) 1,1-Dichloropropene	5.556	75	6128	4.948	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7270	6.862	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	801	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	28129	25.180	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28129	63.357	ug/l #	12
95) Naphthalene	13.780	128	117	1.506	ug/l #	69

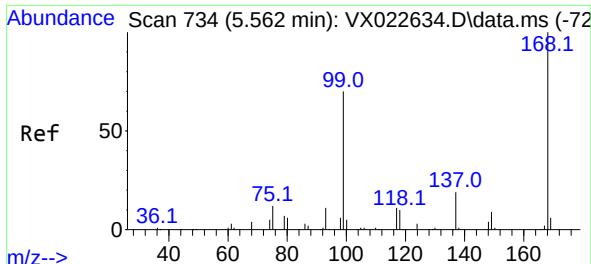
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 11 13:25:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

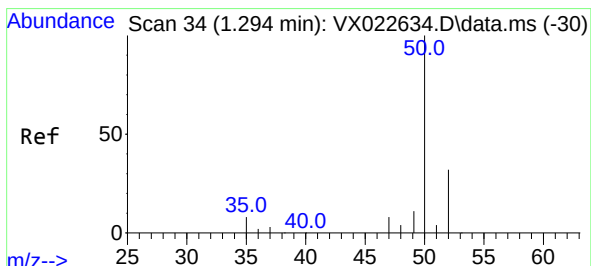
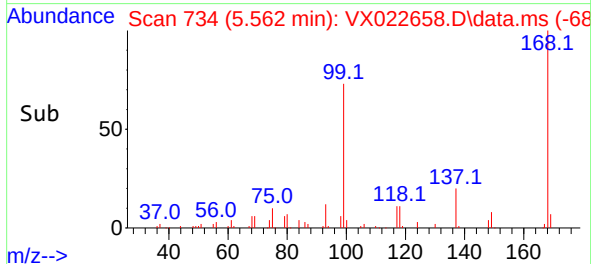
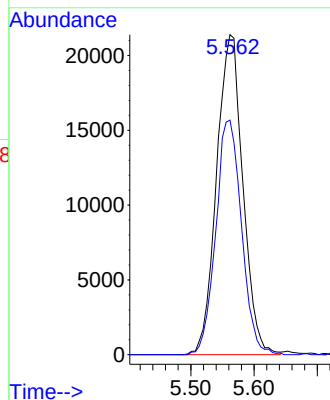
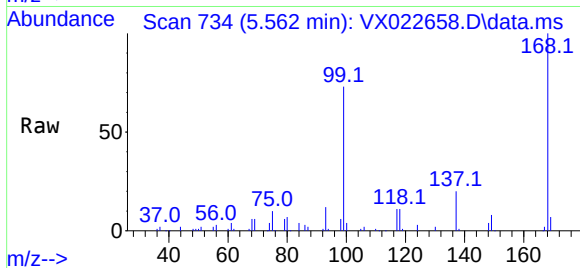




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

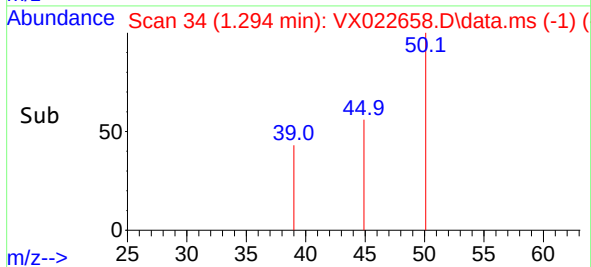
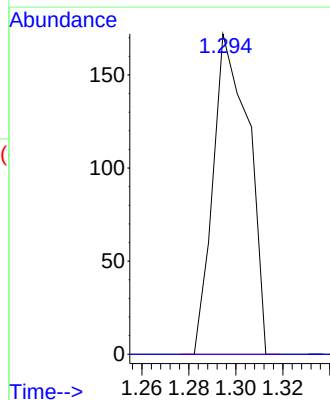
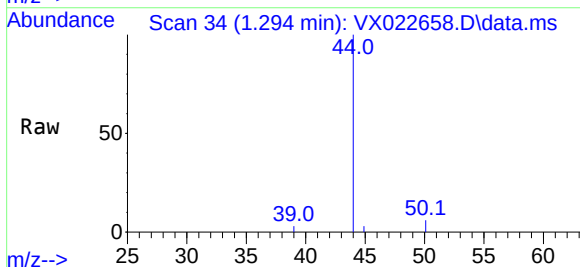
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

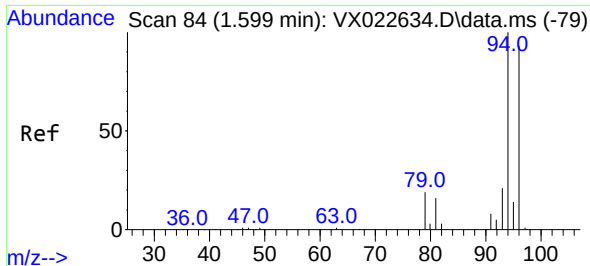
Tgt Ion:168 Resp: 61709
Ion Ratio Lower Upper
168 100
99 73.3 45.8 68.6#



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

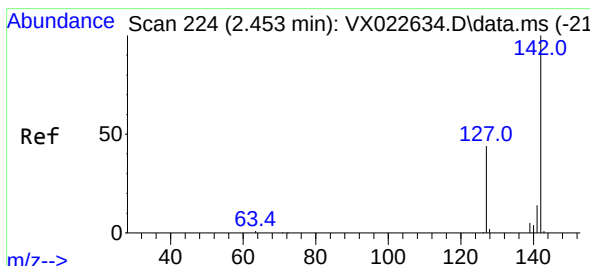
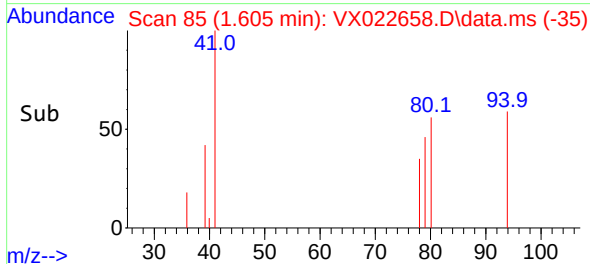
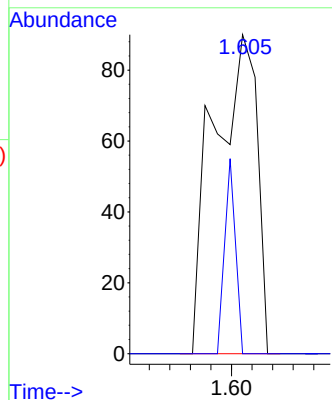
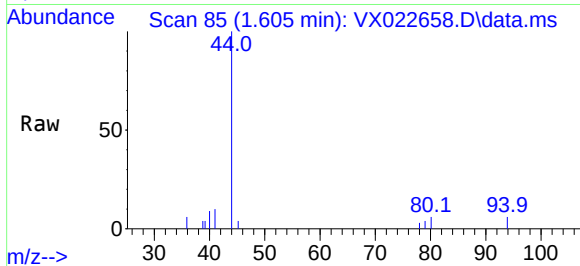




#5
Bromomethane
Concen: 0.280 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

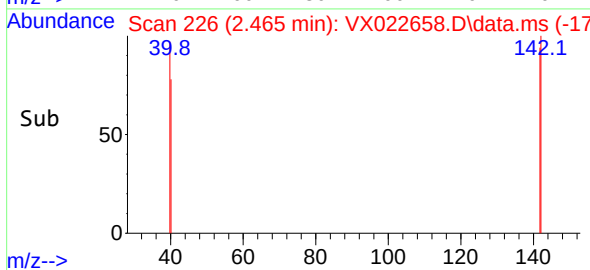
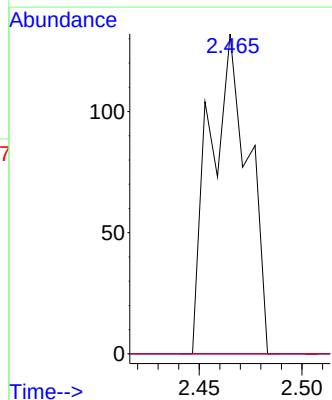
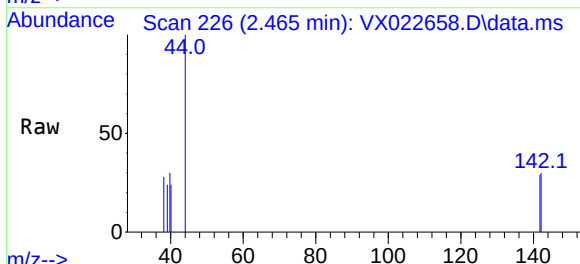
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

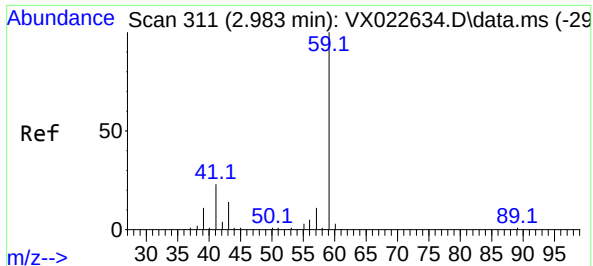
Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion: 142 Resp: 173
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

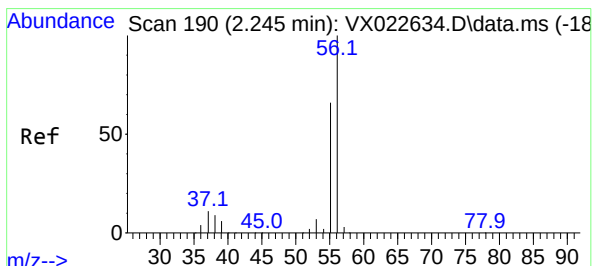
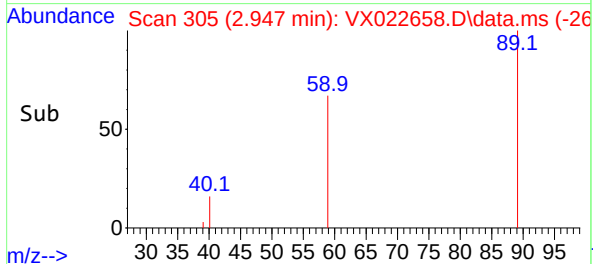
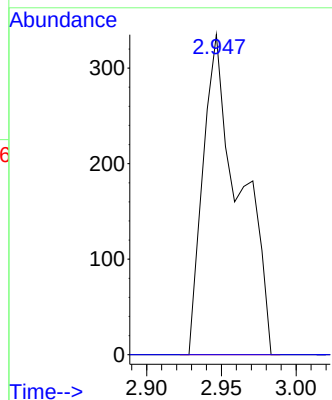
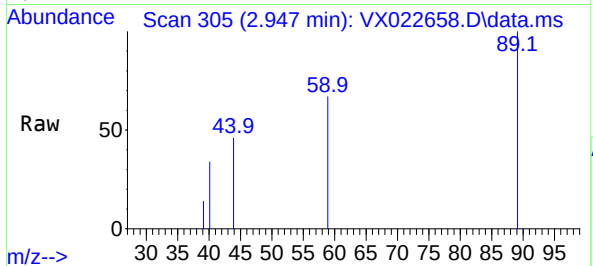




#11
Tert butyl alcohol
Concen: 2.230 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

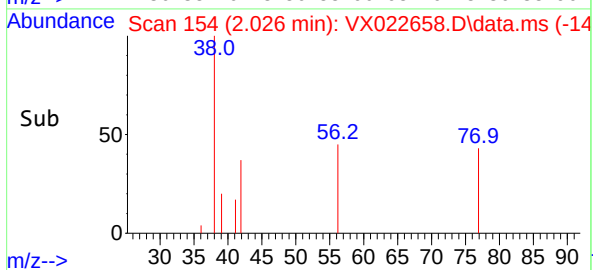
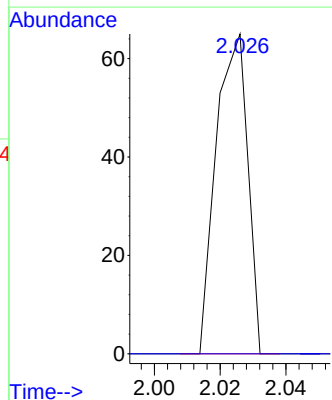
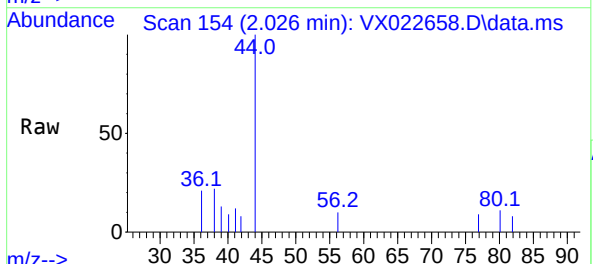
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

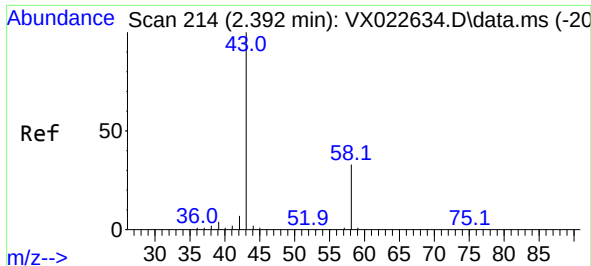
Tgt Ion: 59 Resp: 573
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.399 ug/l
RT: 2.026 min Scan# 154
Delta R.T. -0.213 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

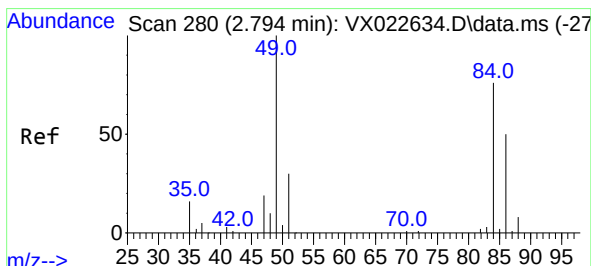
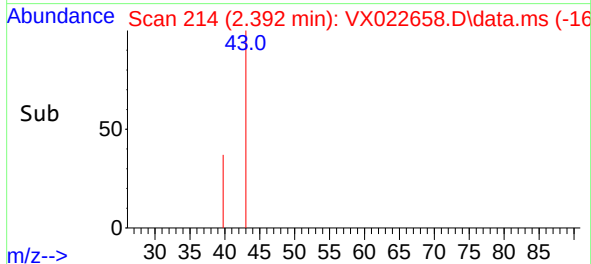
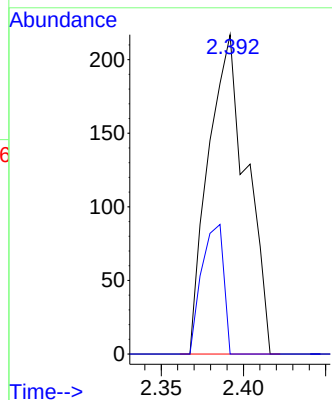
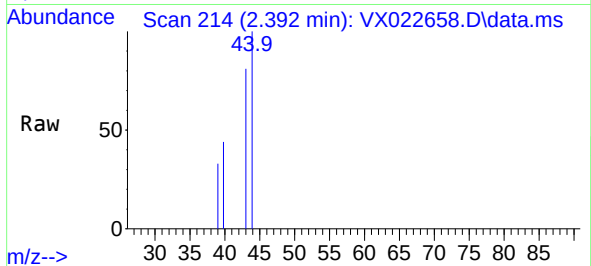




#16
Acetone
Concen: 0.704 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

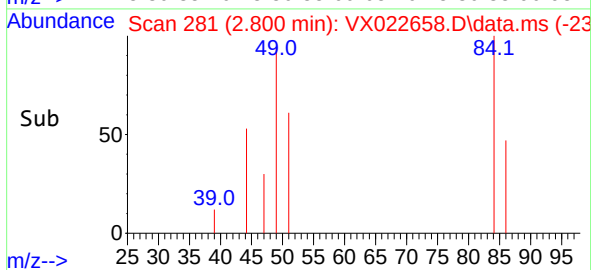
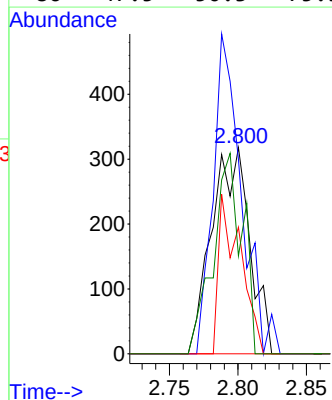
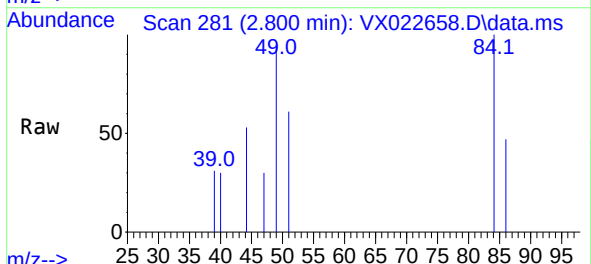
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

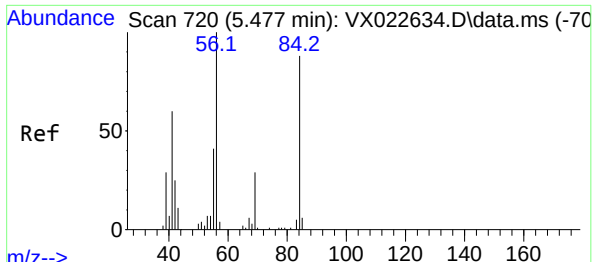
Tgt Ion: 43 Resp: 350
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

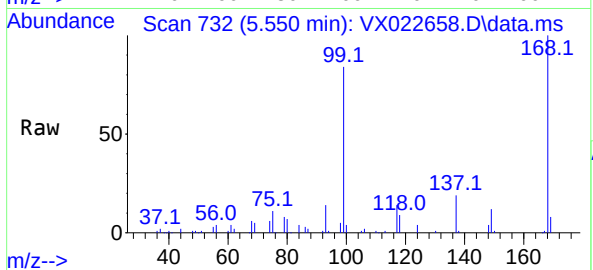
Tgt Ion: 84 Resp: 614
Ion Ratio Lower Upper
84 100
49 94.3 88.6 132.8
51 61.3 27.0 40.6#
86 47.5 50.3 75.5#



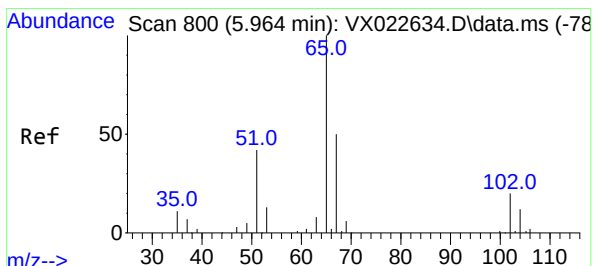
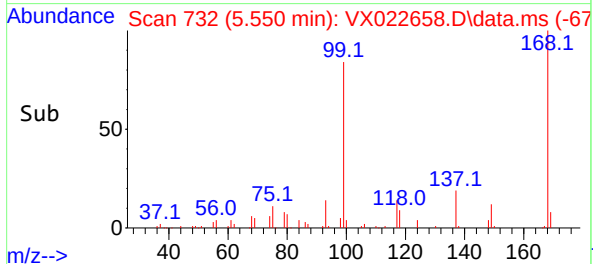
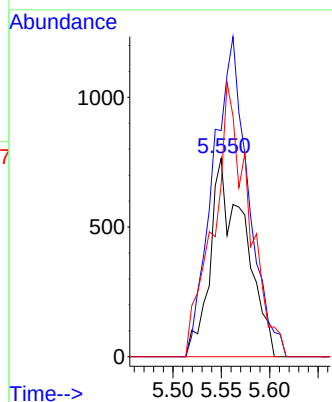


#31
Cyclohexane
Concen: 1.421 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

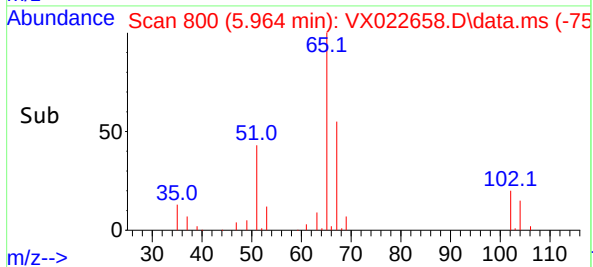
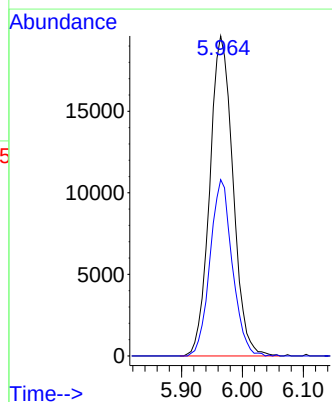
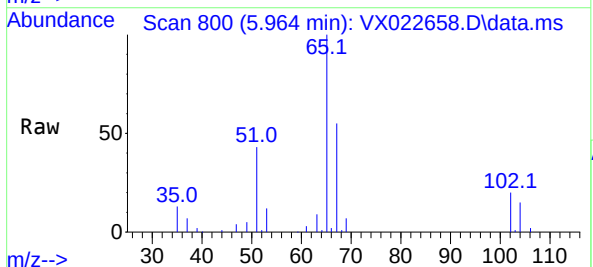


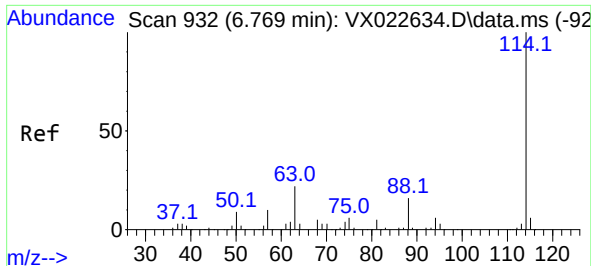
Tgt Ion: 56 Resp: 1903
Ion Ratio Lower Upper
56 100
69 114.0 25.3 37.9#
84 86.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 46.807 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion: 65 Resp: 51947
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



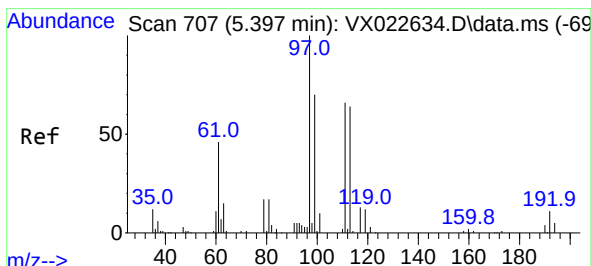
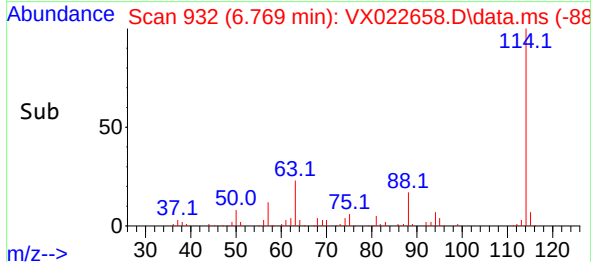
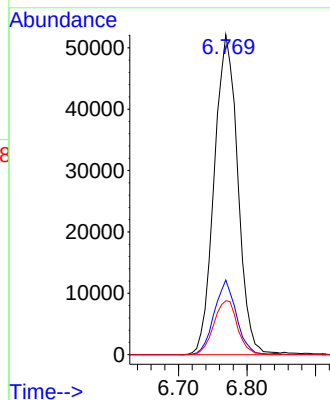
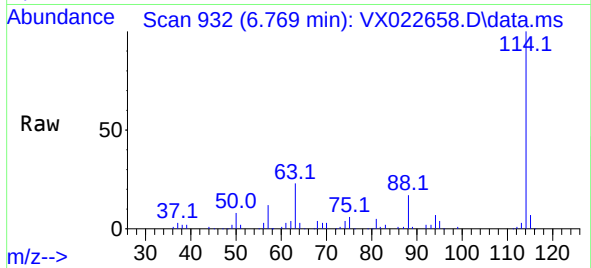


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion:114 Resp: 124297

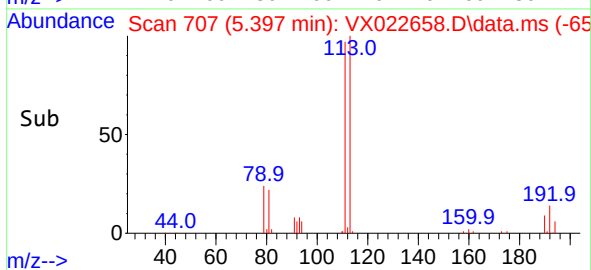
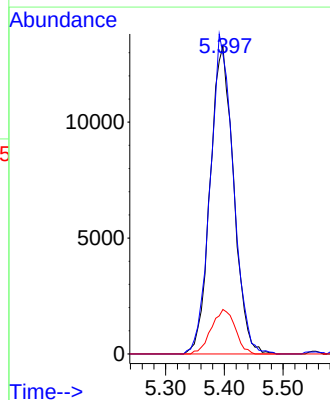
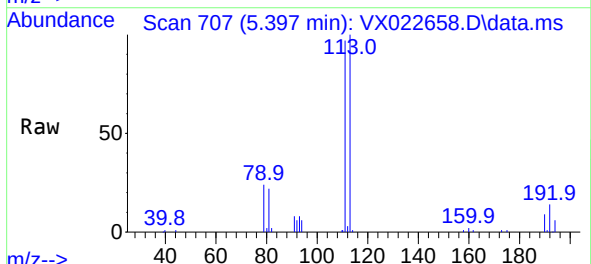
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	40.8
88	16.9	0.0	32.8

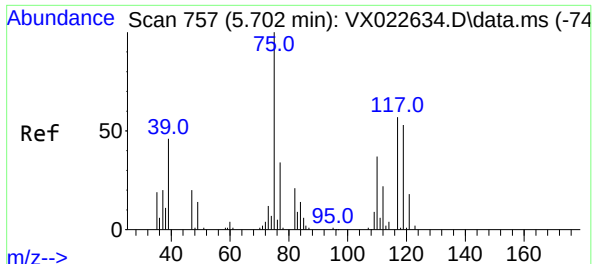


#35
Dibromofluoromethane
Concen: 46.564 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion:113 Resp: 36927

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	14.7	16.7	25.1

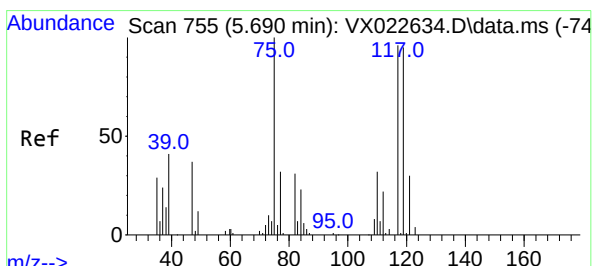
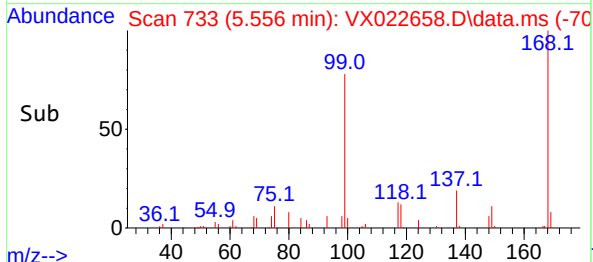
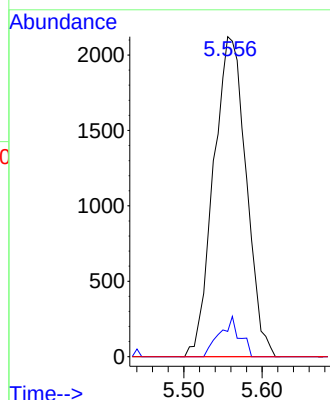
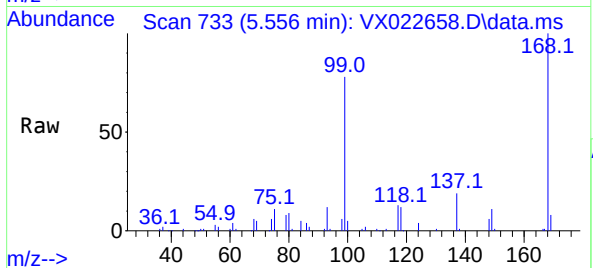




#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

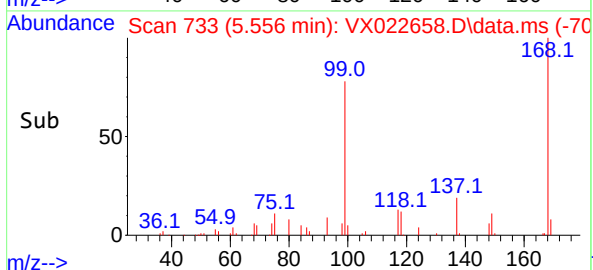
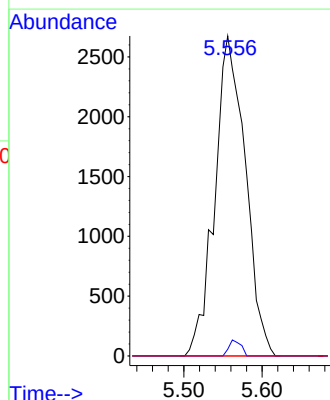
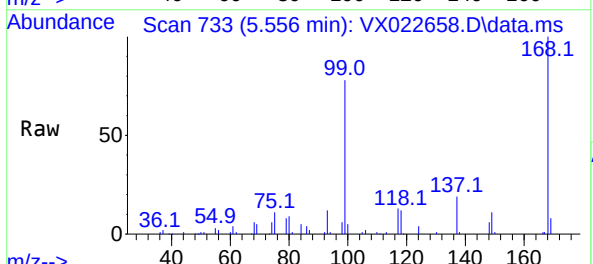
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

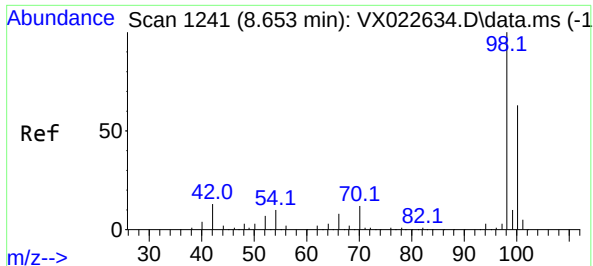
Tgt Ion: 75 Resp: 6128
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.862 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion: 117 Resp: 7270
Ion Ratio Lower Upper
117 100
119 2.1 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.806 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022658.D

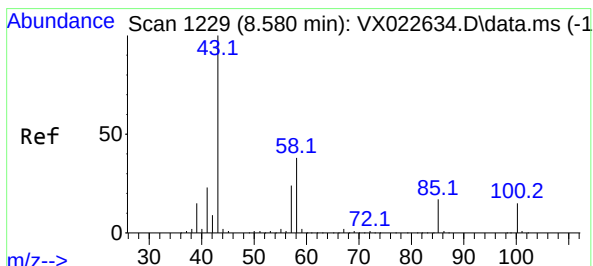
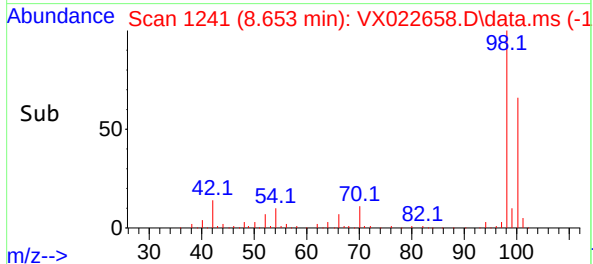
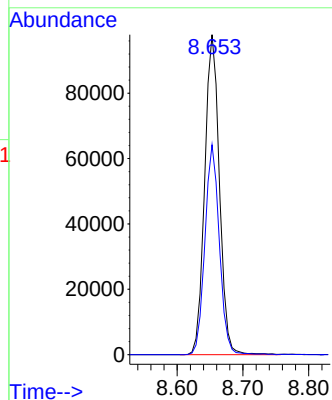
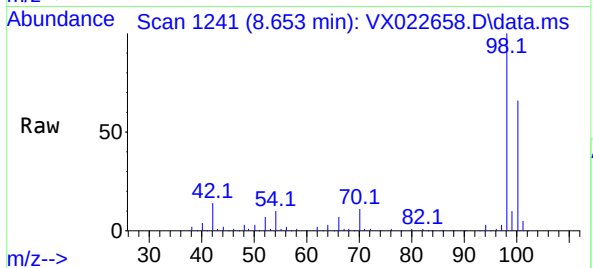
Acq: 11 Jun 2021 11:23

Tgt Ion: 98 Resp: 152577

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.508 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX022658.D

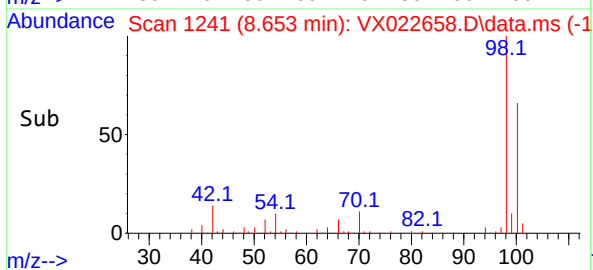
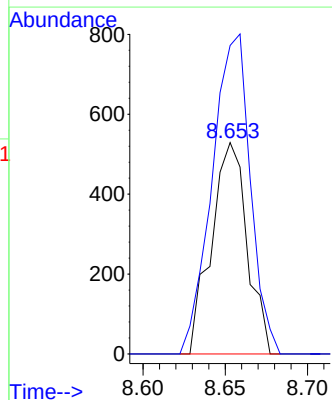
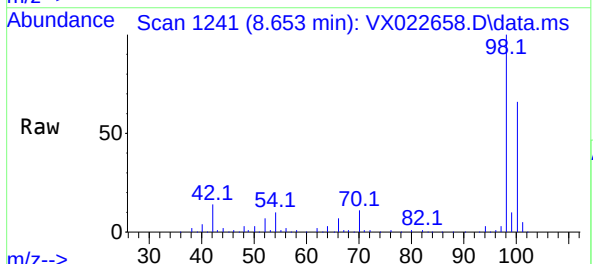
Acq: 11 Jun 2021 11:23

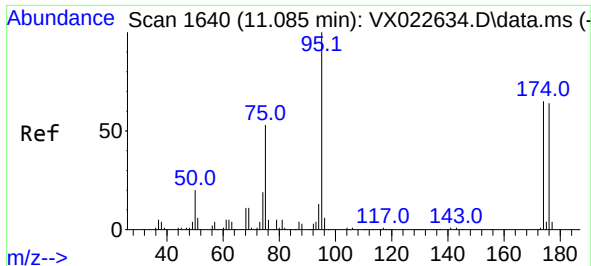
Tgt Ion: 43 Resp: 801

Ion Ratio Lower Upper

43 100

58 161.7 35.4 53.0#

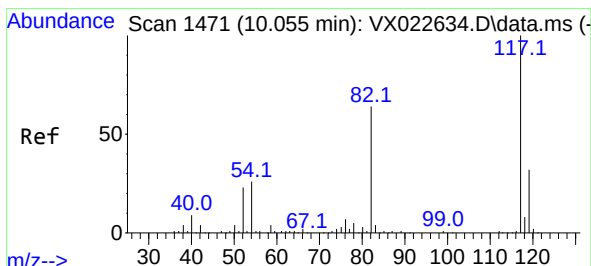
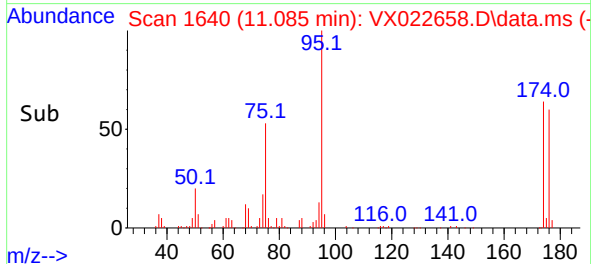
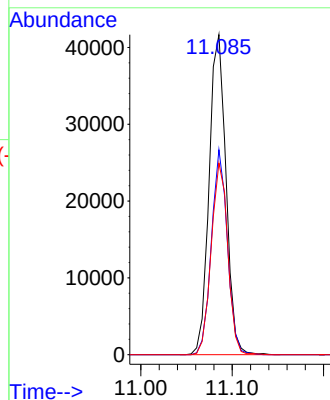
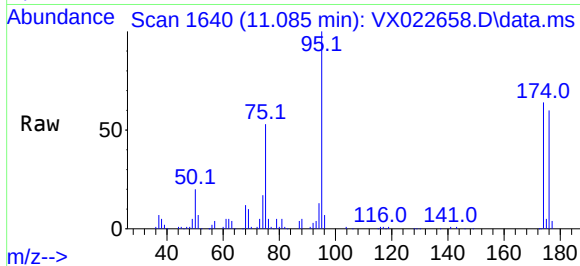




#62
4-Bromofluorobenzene
Concen: 45.032 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

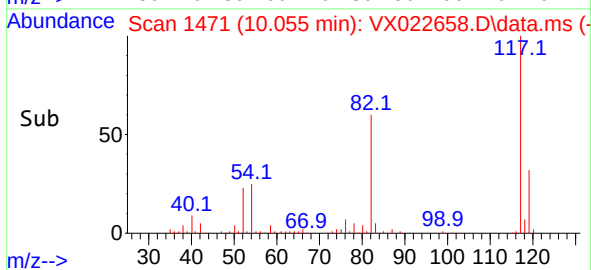
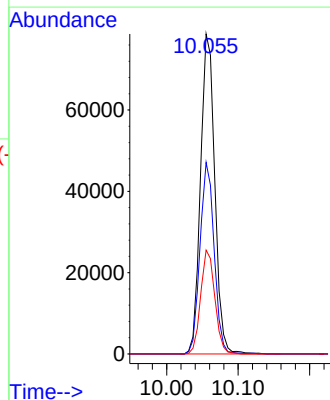
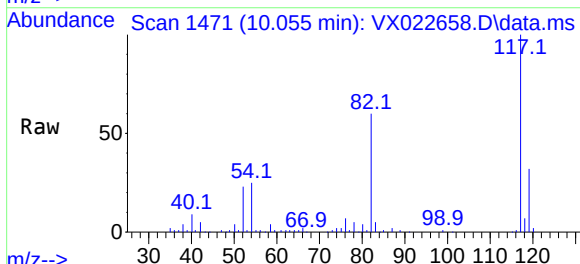
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

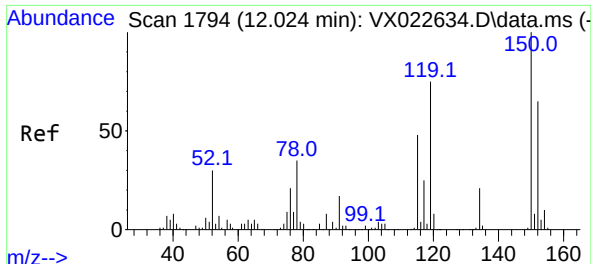
Tgt Ion: 95 Resp: 53243
Ion Ratio Lower Upper
95 100
174 60.7 0.0 154.6
176 58.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion: 117 Resp: 108846
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.5 26.6 39.8

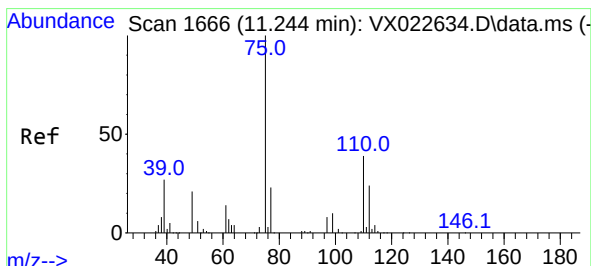
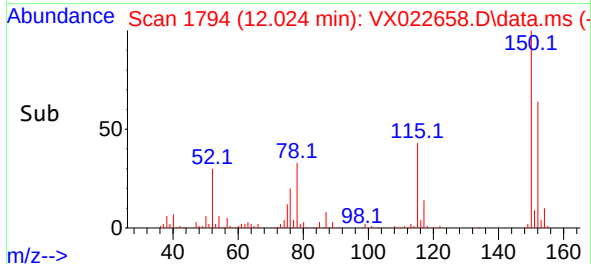
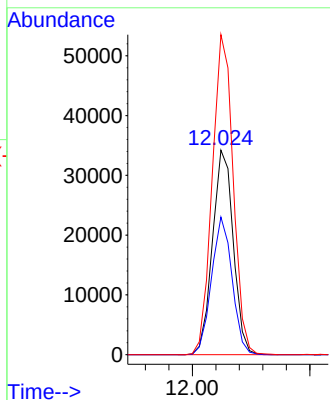
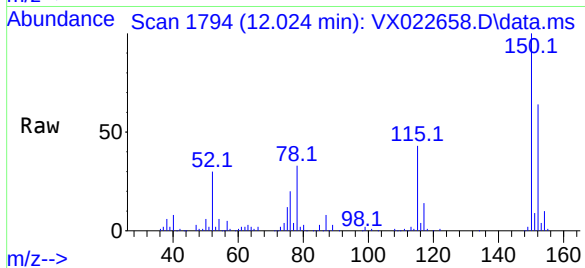




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

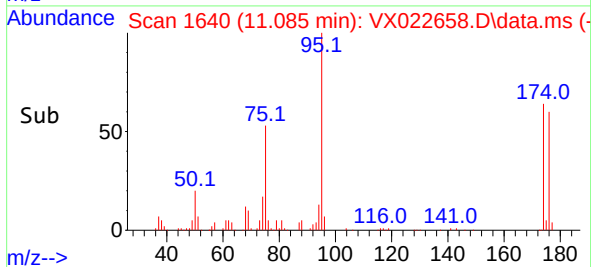
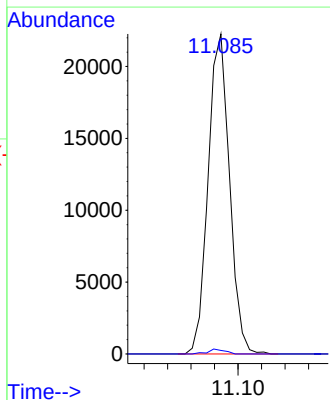
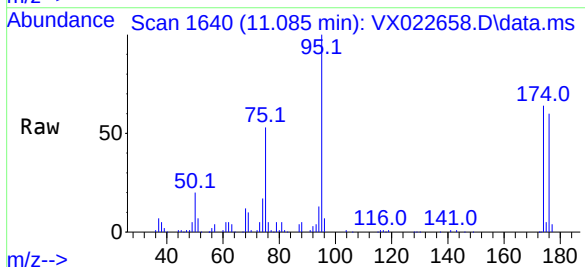
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

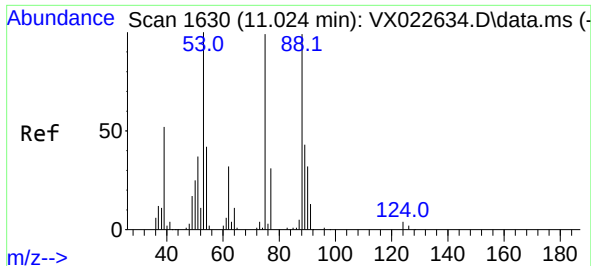
Tgt Ion:152 Resp: 42133
Ion Ratio Lower Upper
152 100
115 66.5 41.1 123.3
150 157.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.180 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion: 75 Resp: 28129
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

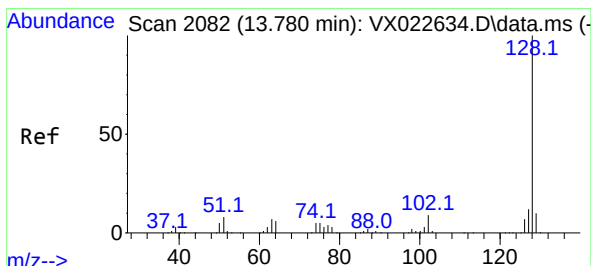
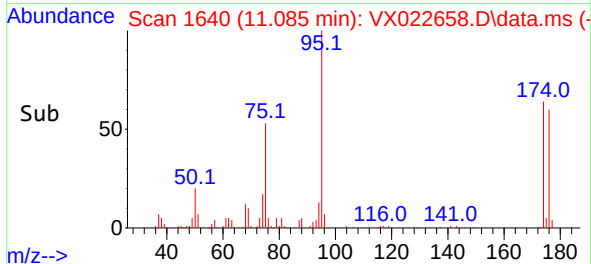
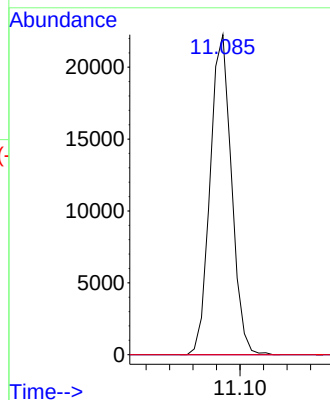
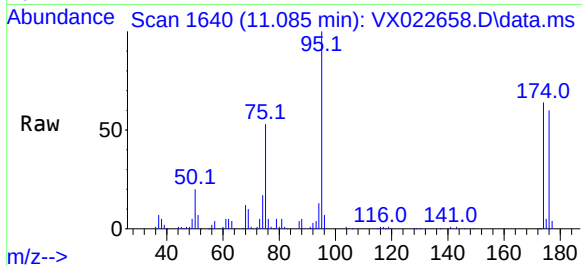




#81
trans-1,4-Dichloro-2-butene
Concen: 63.357 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 75 Resp: 28129
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.506 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022658.D
Acq: 11 Jun 2021 11:23

Tgt Ion:128 Resp: 117
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

