

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022640.D
 Acq On : 10 Jun 2021 13:37
 Operator : JC/MD
 Sample : VX0610WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL01

Quant Time: Jun 11 06:42:40 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)

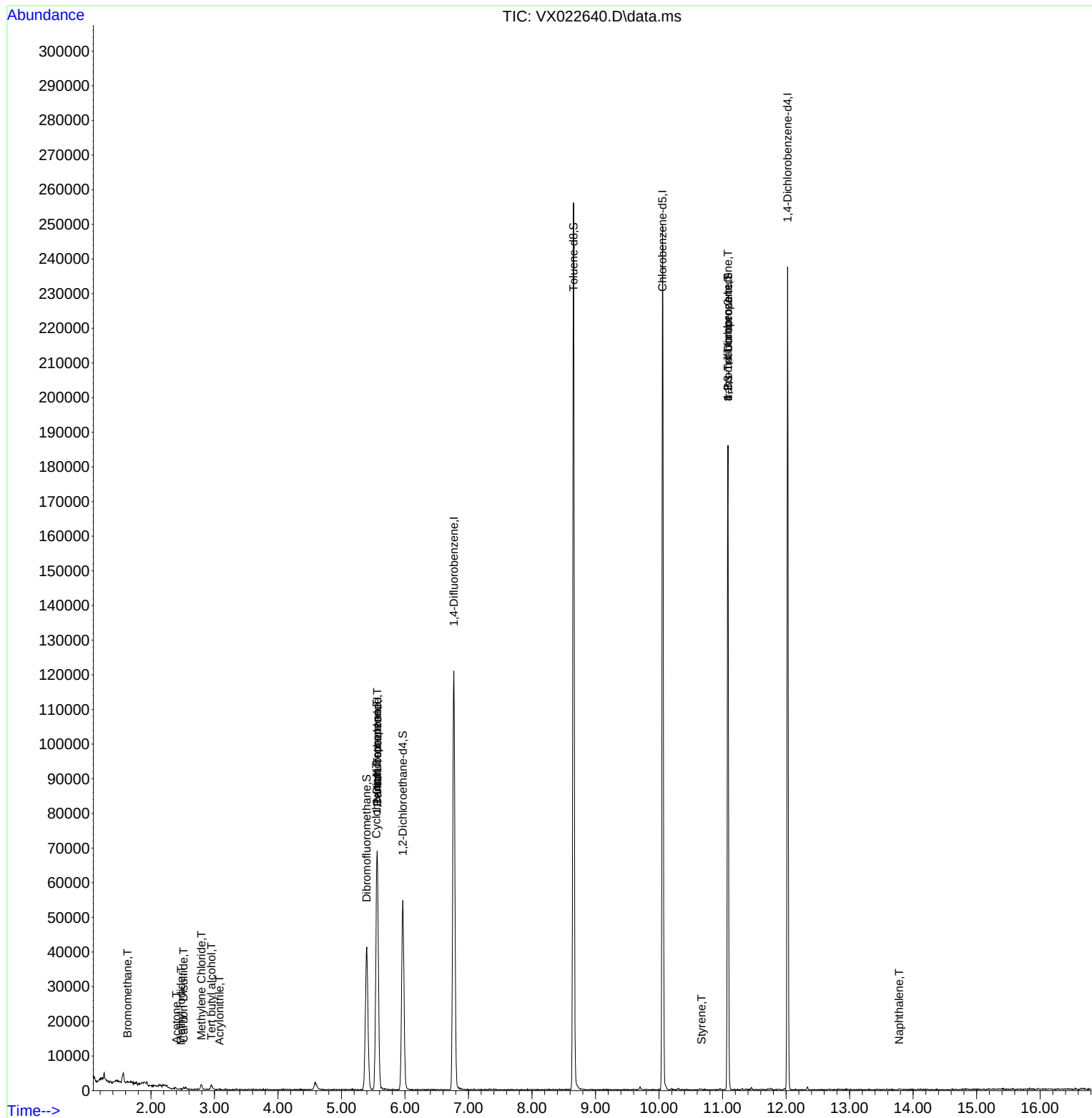
Internal Standards						
1) Pentafluorobenzene	5.562	168	57428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49843	48.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.397	113	35023	46.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.600%		
50) Toluene-d8	8.653	98	145272	48.720	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.440%		
62) 4-Bromofluorobenzene	11.085	95	50370	44.666	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.340%		
Target Compounds						
						Qvalue
5) Bromomethane	1.630	94	212	0.487	ug/l	# 2
10) Methyl Iodide	2.477	142	170	0.216	ug/l	# 42
11) Tert butyl alcohol	2.953	59	941	3.935	ug/l	# 73
15) Acrylonitrile	3.081	53	94	0.200	ug/l	# 35
16) Acetone	2.398	43	439	0.949	ug/l	# 40
17) Carbon Disulfide	2.514	76	490	0.312	ug/l	# 75
20) Methylene Chloride	2.794	84	727	0.539	ug/l	# 82
31) Cyclohexane	5.550	56	1787	1.434	ug/l	# 4
36) 1,1-Dichloropropene	5.556	75	5775	4.889	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6751	6.681	ug/l	# 15
70) Styrene	10.671	104	135	1.504	ug/l	# 26
76) 1,2,3-Trichloropropane	11.085	75	28070	25.409	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28070	63.879	ug/l	# 12
95) Naphthalene	13.780	128	342	1.568	ug/l	# 69

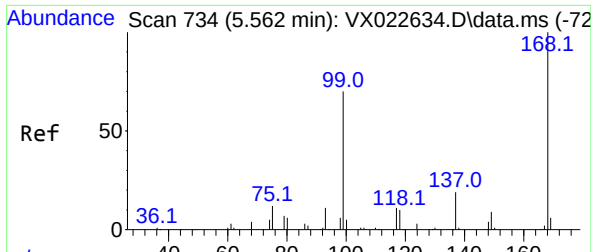
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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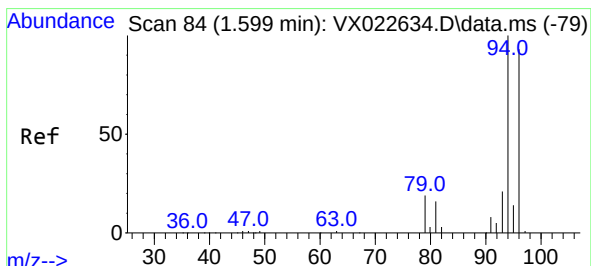
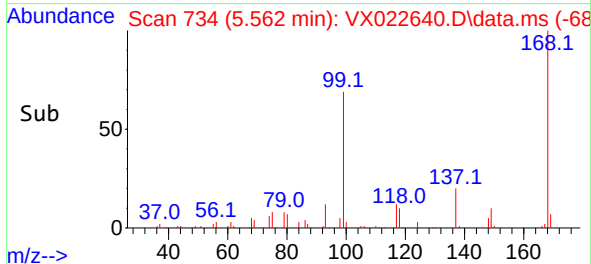
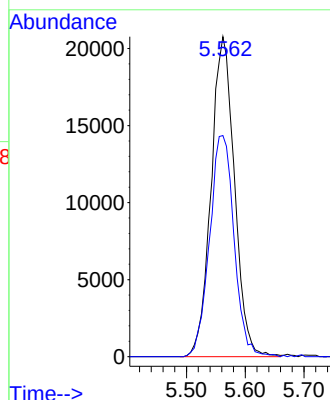
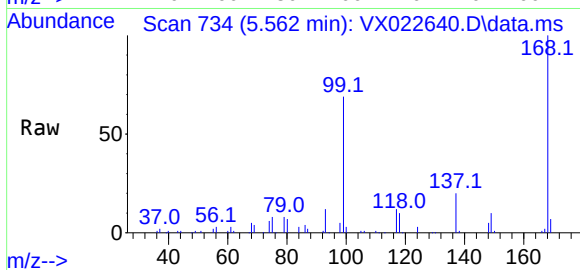




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

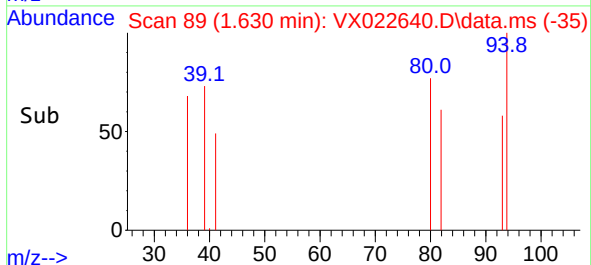
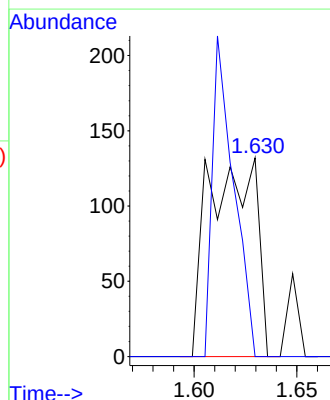
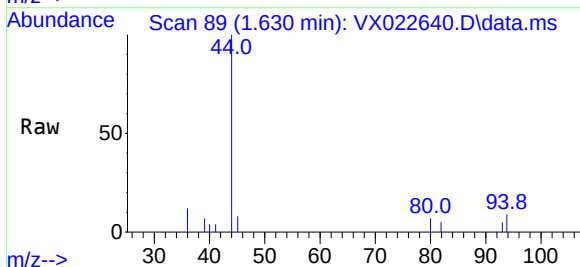
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

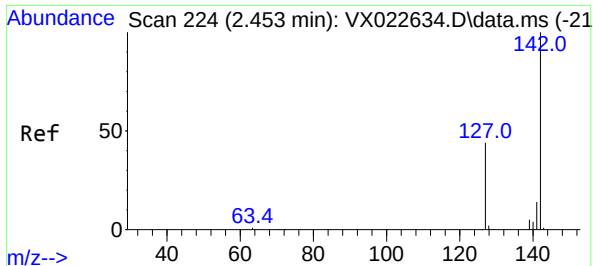
Tgt Ion:168 Resp: 57428
Ion Ratio Lower Upper
168 100
99 69.1 45.8 68.6#



#5
Bromomethane
Concen: 0.487 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

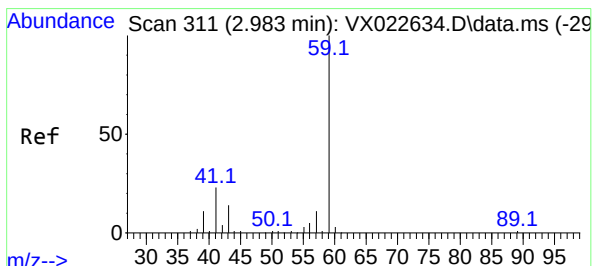
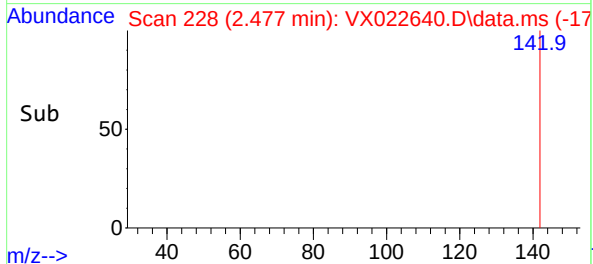
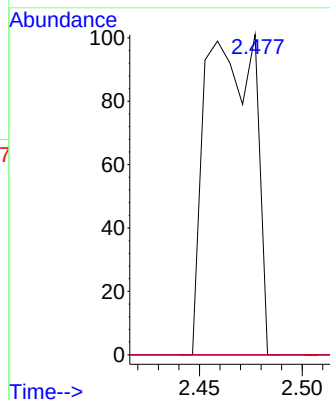
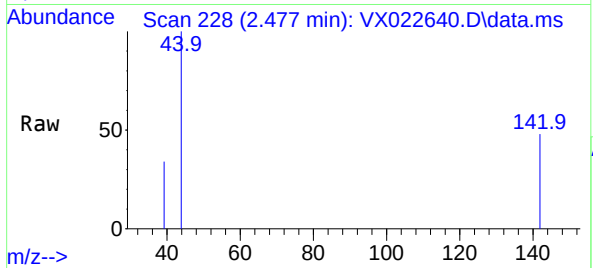




#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

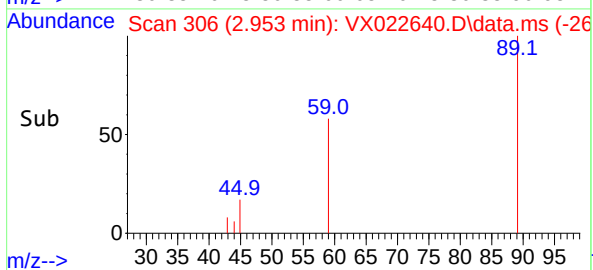
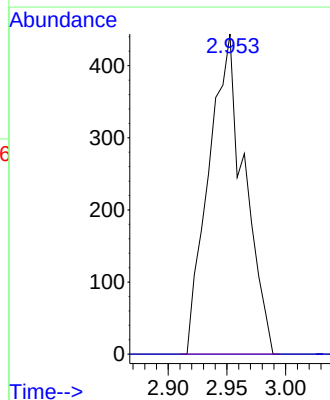
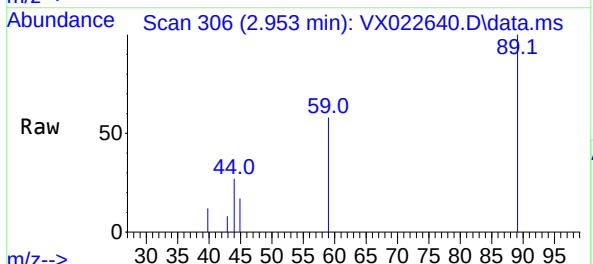
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

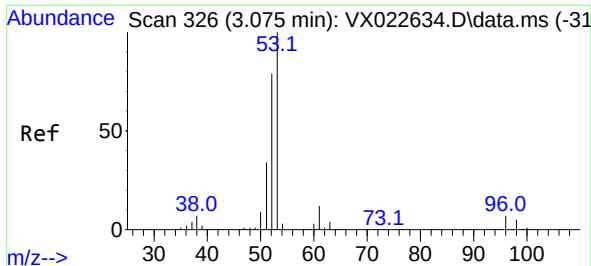
Tgt Ion:142 Resp: 170
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.935 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion: 59 Resp: 941
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

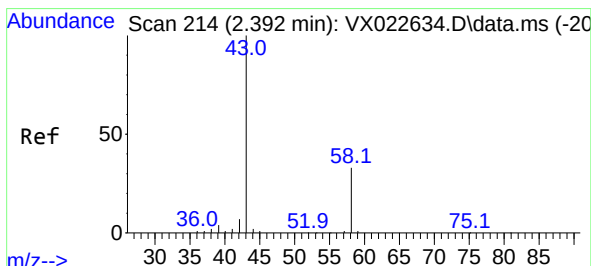
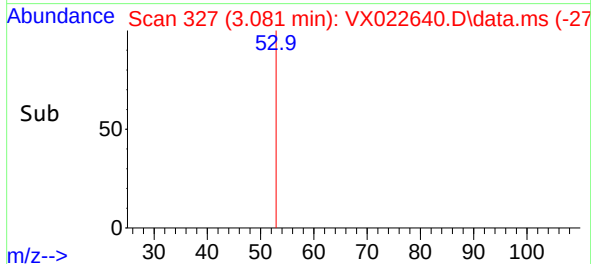
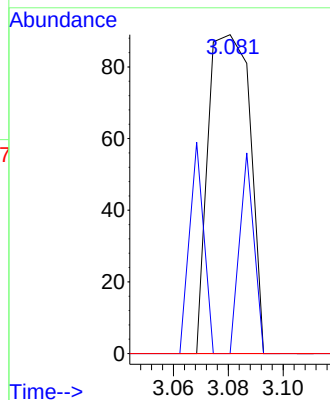
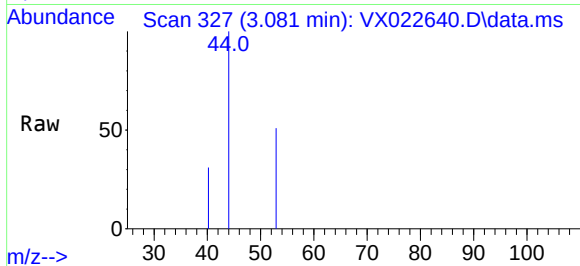




#15
Acrylonitrile
Concen: 0.200 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

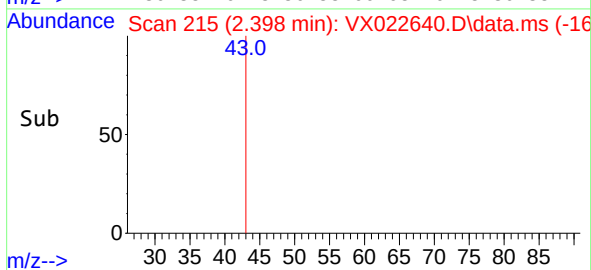
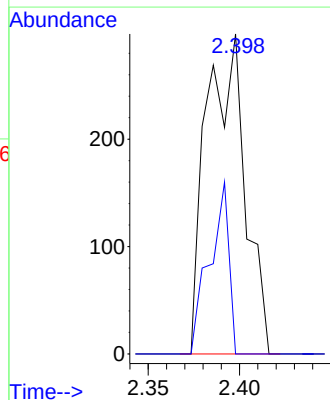
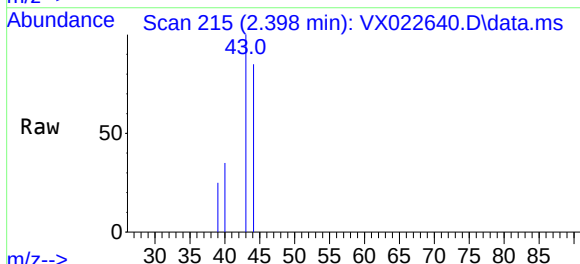
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

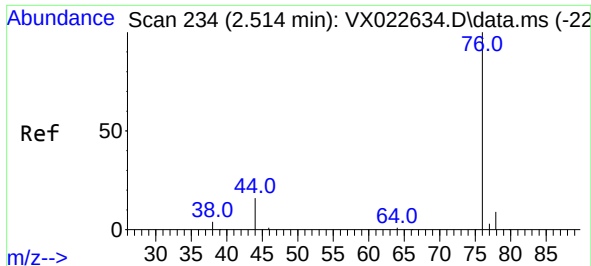
Tgt Ion: 53 Resp: 94
Ion Ratio Lower Upper
53 100
52 21.3 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 0.949 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

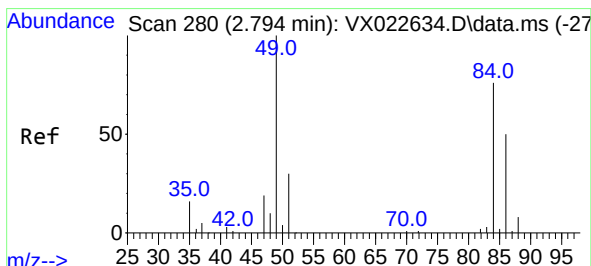
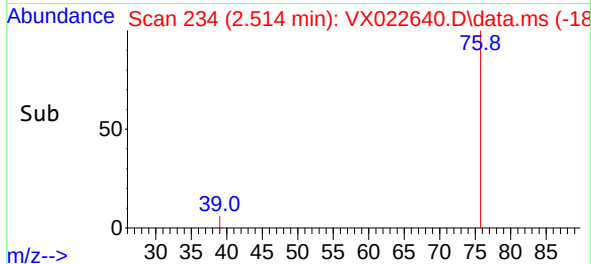
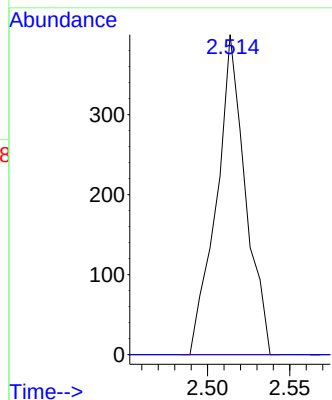
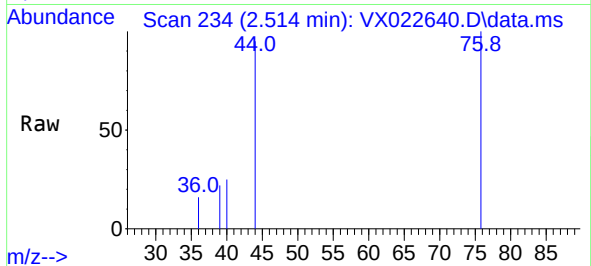




#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

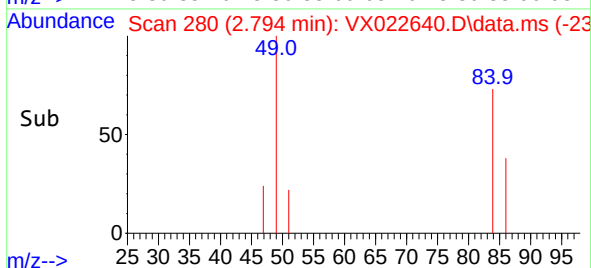
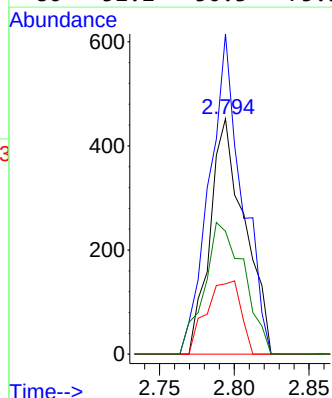
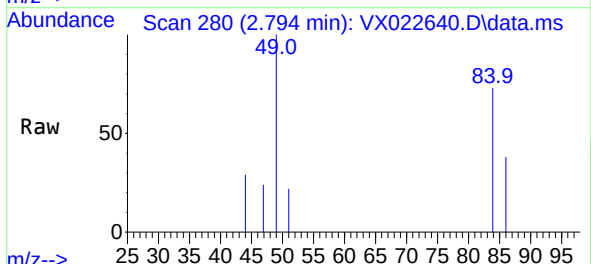
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

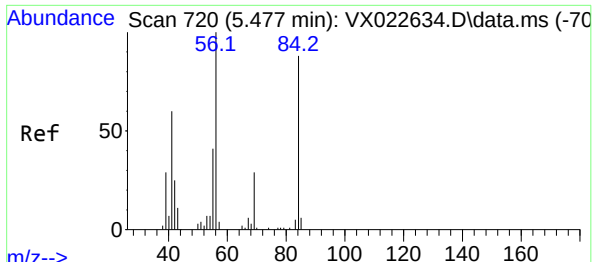
Tgt Ion: 76 Resp: 490
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.539 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion: 84 Resp: 727
Ion Ratio Lower Upper
84 100
49 136.1 88.6 132.8#
51 29.9 27.0 40.6
86 52.2 50.3 75.5

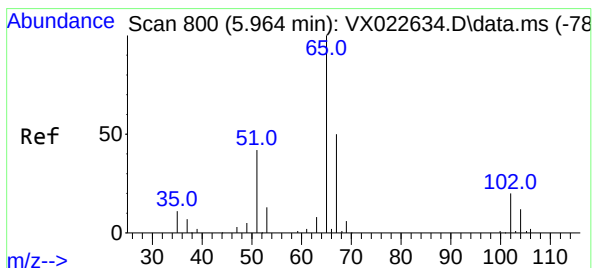
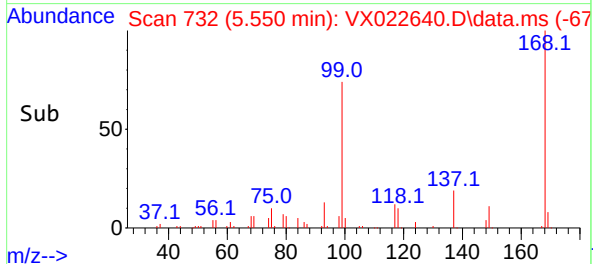
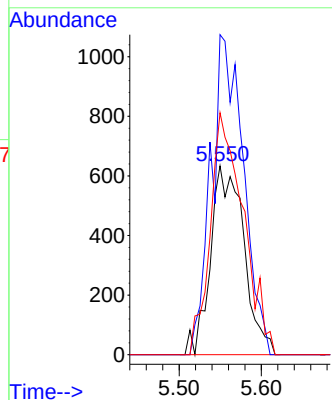
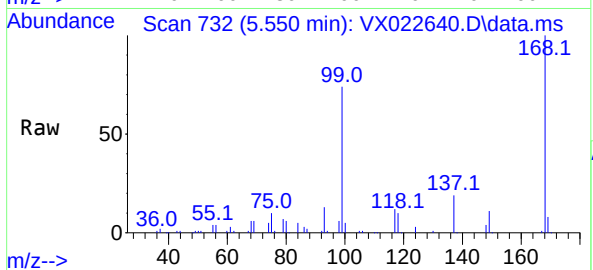




#31
Cyclohexane
Concen: 1.434 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

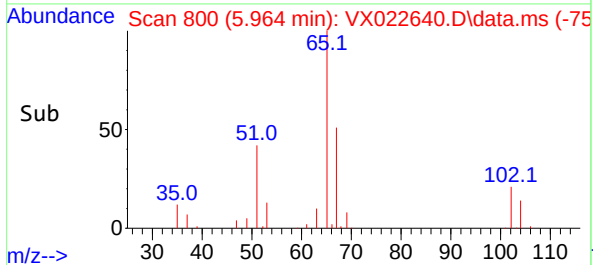
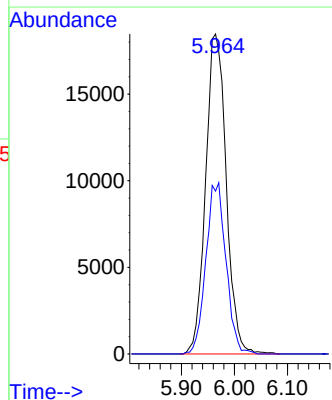
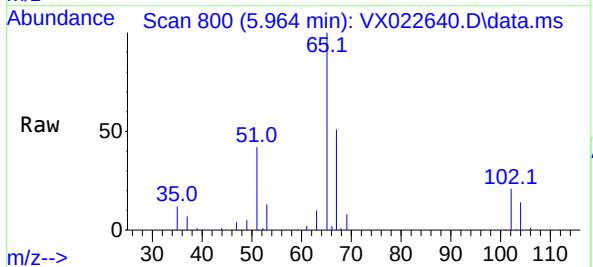
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

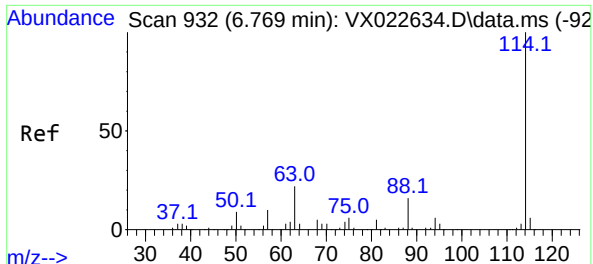
Tgt Ion: 56 Resp: 1787
Ion Ratio Lower Upper
56 100
69 169.4 25.3 37.9#
84 128.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.259 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion: 65 Resp: 49843
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

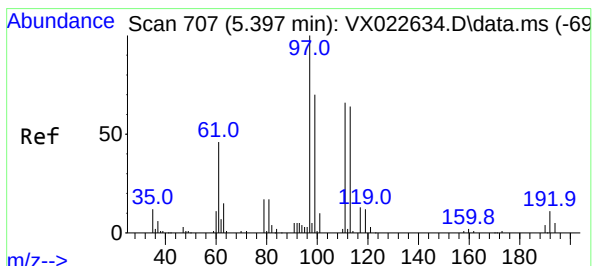
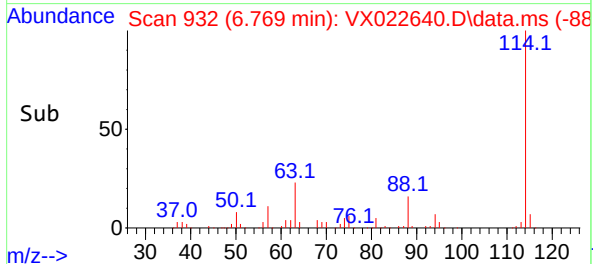
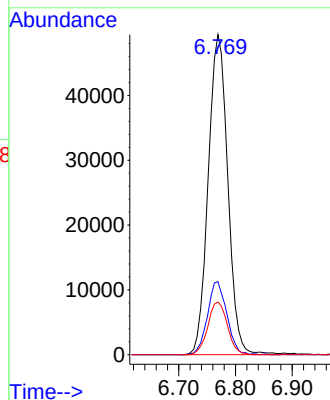
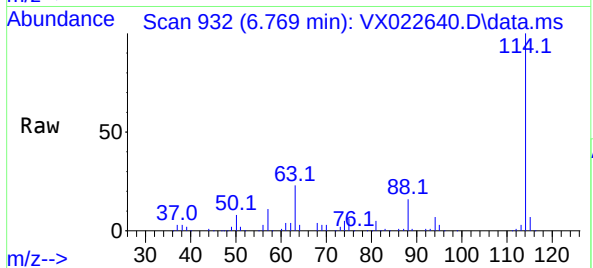




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

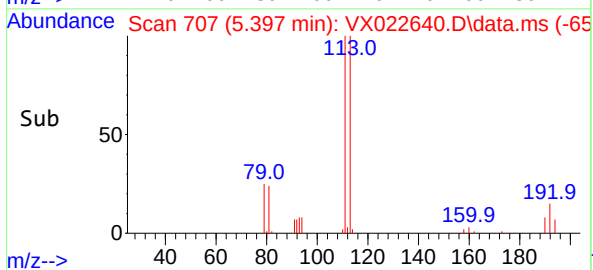
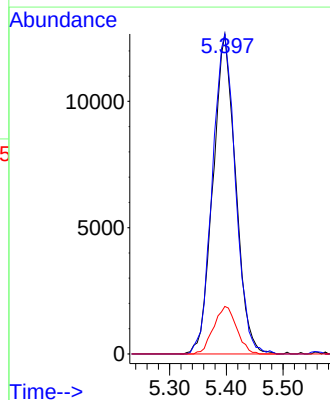
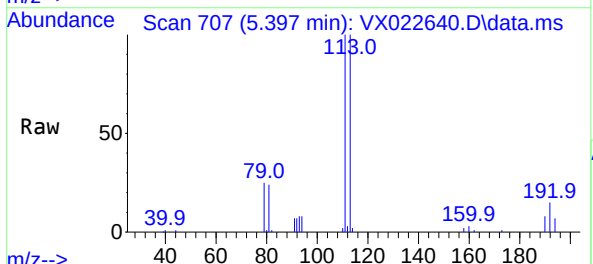
Instrument :
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VX0610WBL01

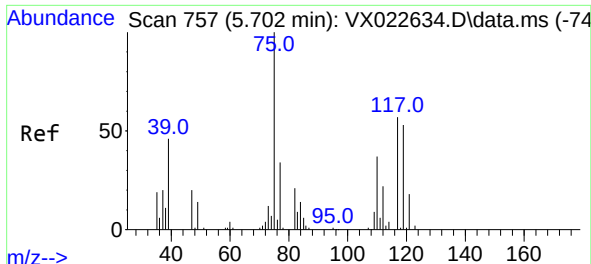
Tgt Ion:114 Resp: 118554
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.302 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion:113 Resp: 35023
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 15.1 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022640.D

Acq: 10 Jun 2021 13:37

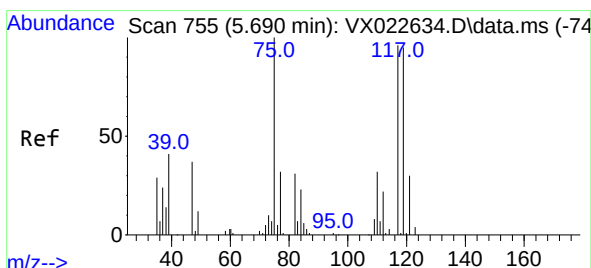
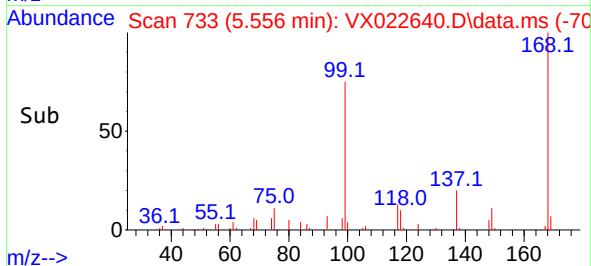
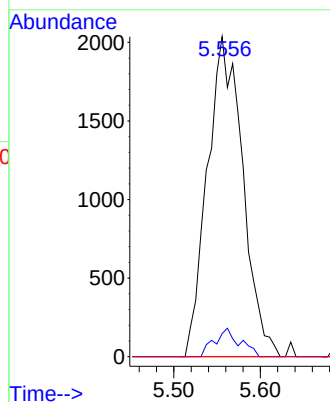
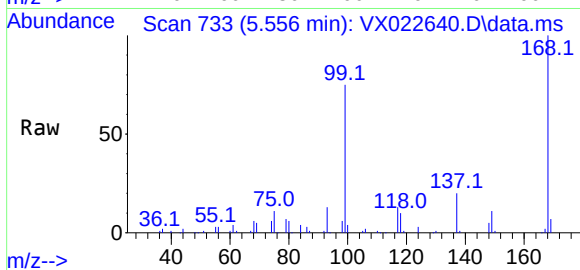
Tgt Ion: 75 Resp: 5775

Ion Ratio Lower Upper

75 100

110 6.3 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.681 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022640.D

Acq: 10 Jun 2021 13:37

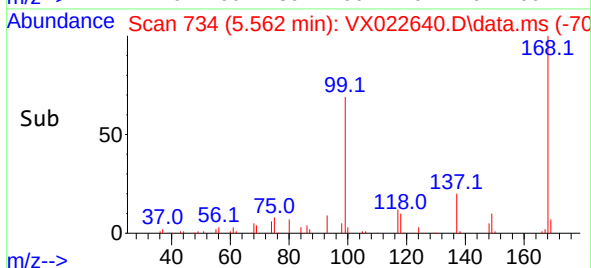
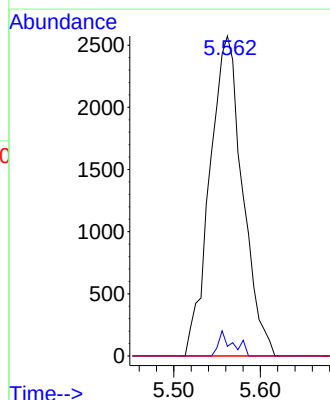
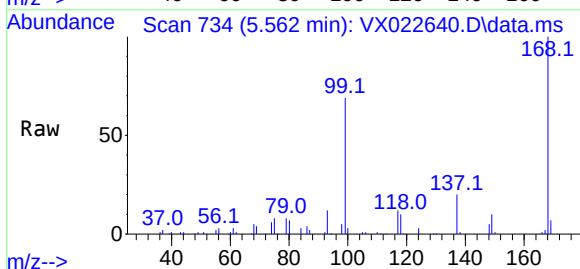
Tgt Ion: 117 Resp: 6751

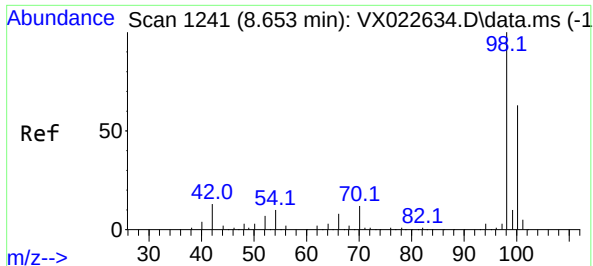
Ion Ratio Lower Upper

117 100

119 3.0 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.720 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022640.D

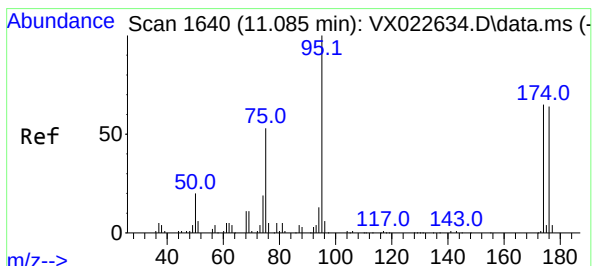
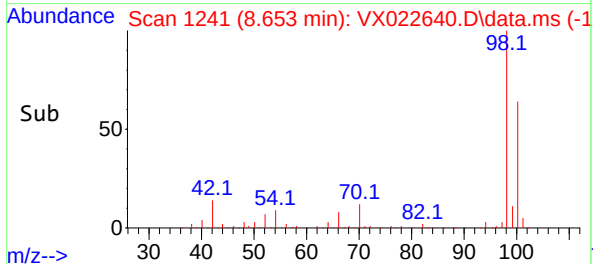
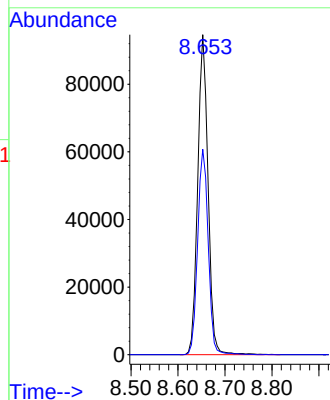
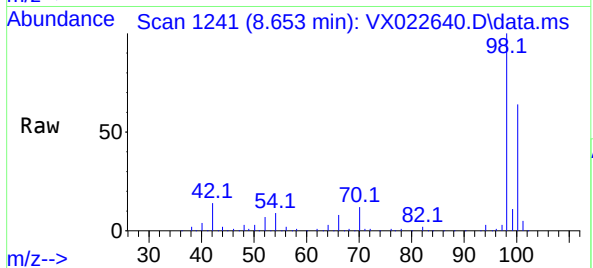
Acq: 10 Jun 2021 13:37

Tgt Ion: 98 Resp: 145272

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.666 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022640.D

Acq: 10 Jun 2021 13:37

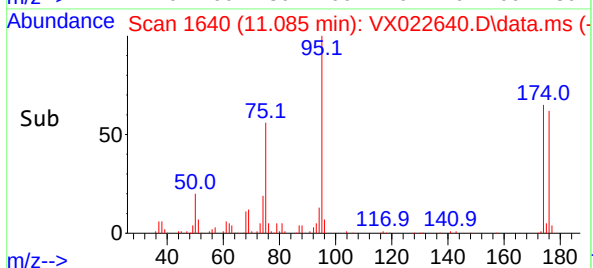
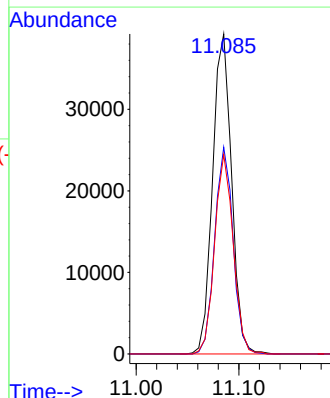
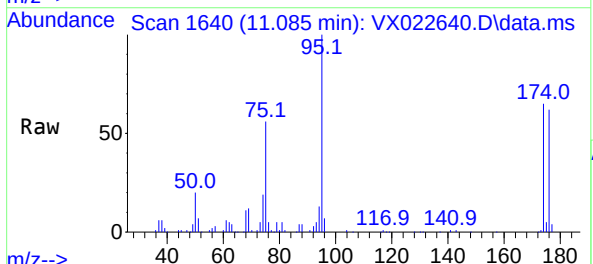
Tgt Ion: 95 Resp: 50370

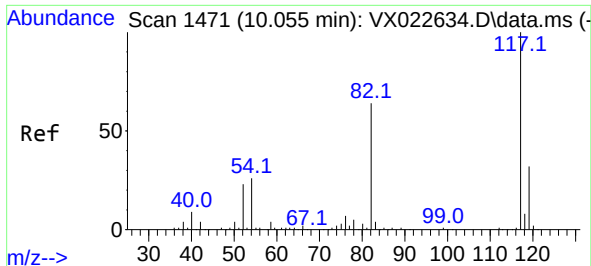
Ion Ratio Lower Upper

95 100

174 62.4 0.0 154.6

176 60.9 0.0 155.8

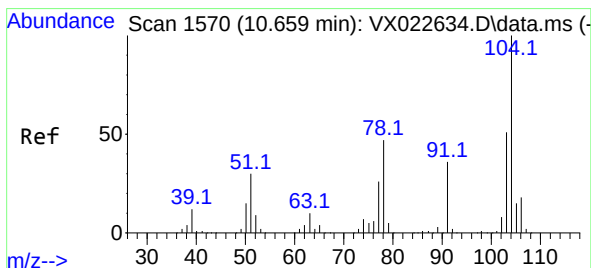
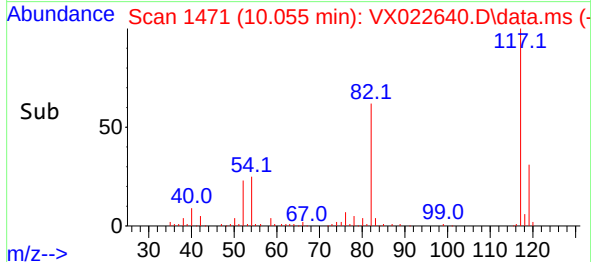
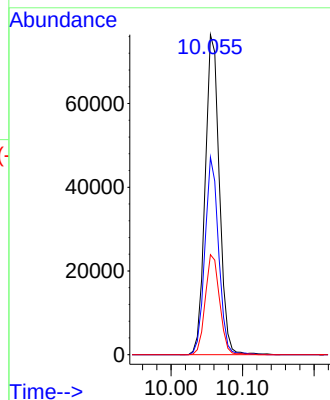
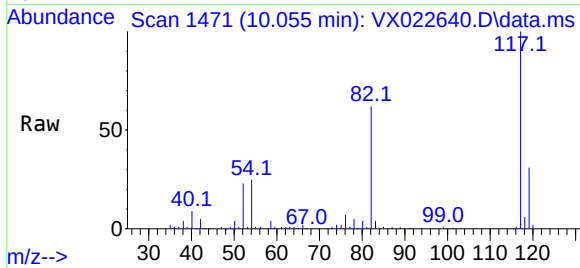




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

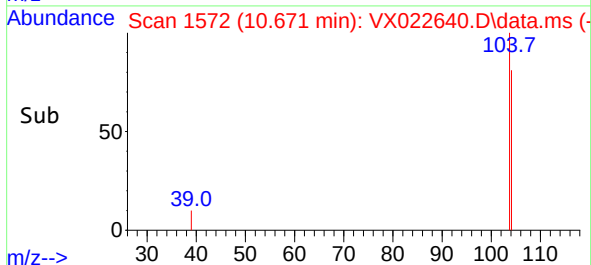
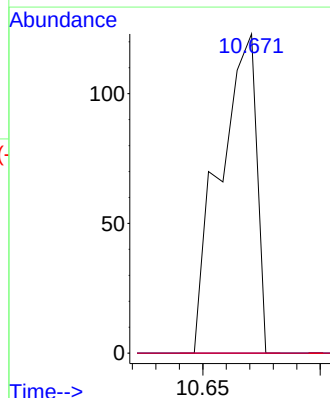
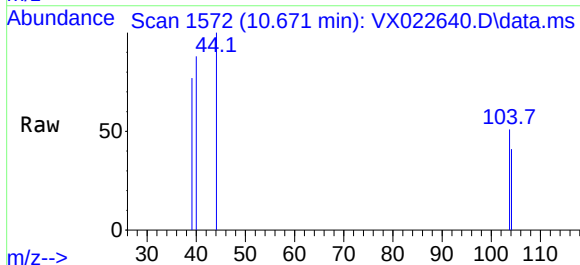
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

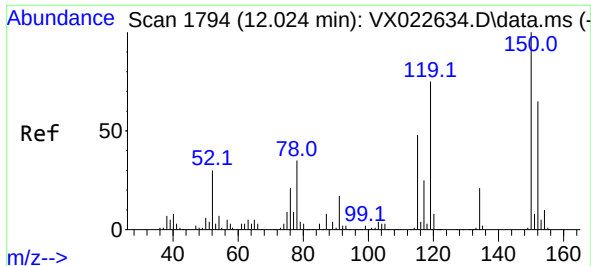
Tgt Ion:117 Resp: 105469
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.2 26.6 39.8



#70
Styrene
Concen: 1.504 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion:104 Resp: 135
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 0.0 43.4 65.0#

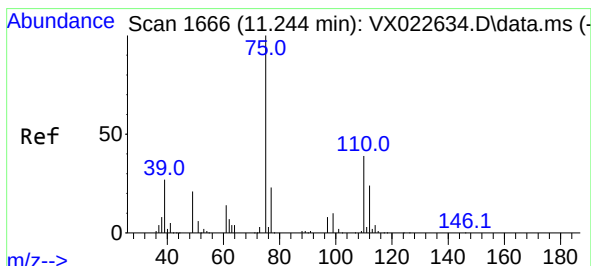
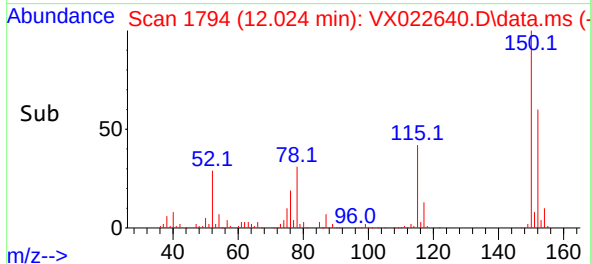
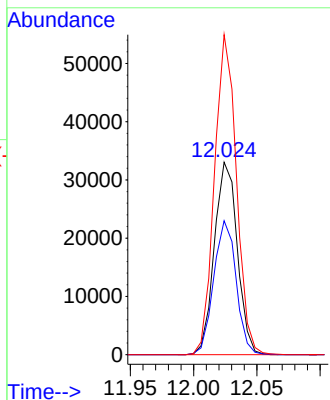
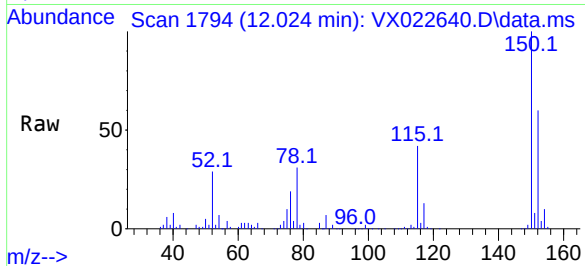




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

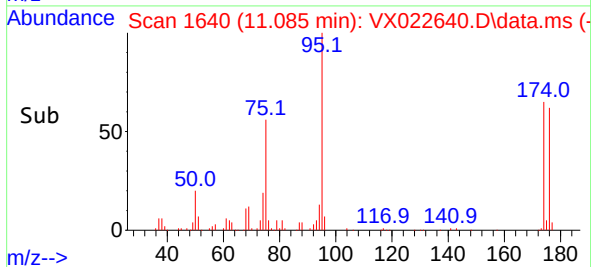
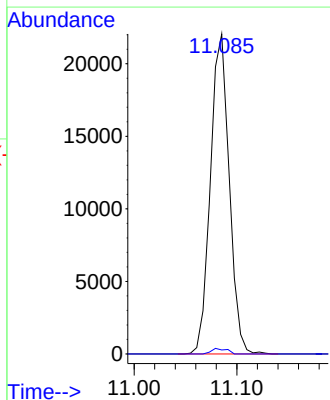
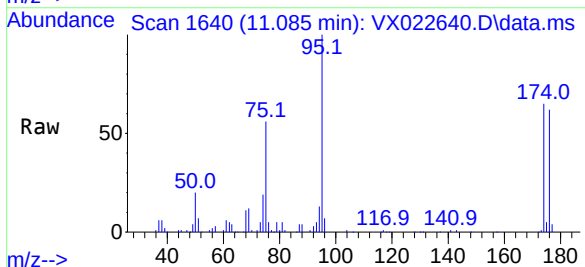
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

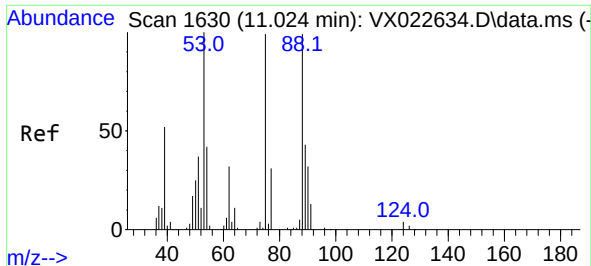
Tgt Ion:152 Resp: 41666
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 158.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.409 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion: 75 Resp: 28070
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

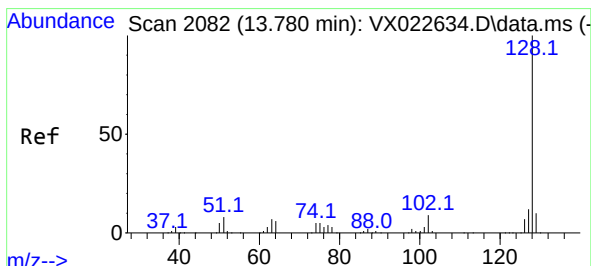
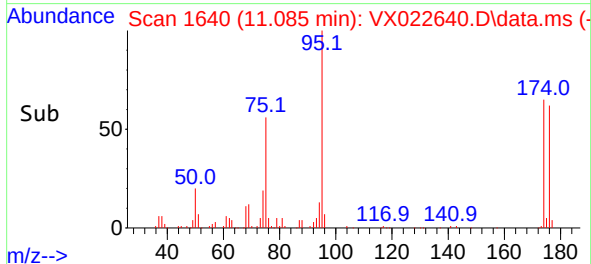
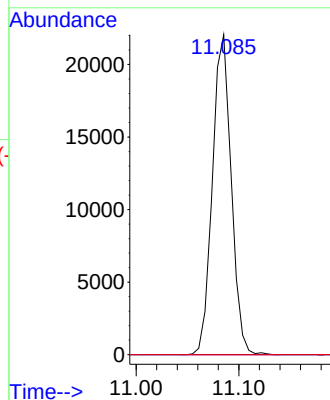
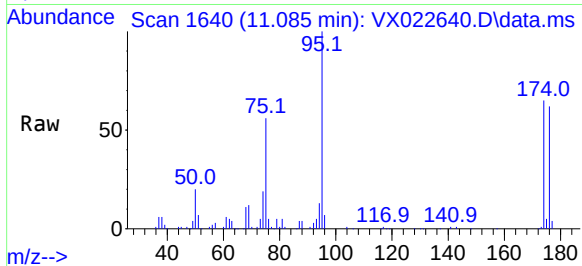




#81
trans-1,4-Dichloro-2-butene
Concen: 63.879 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tgt Ion: 75 Resp: 28070
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.568 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022640.D
Acq: 10 Jun 2021 13:37

Tgt Ion: 128 Resp: 342
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

