

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020658.D
 Acq On : 19 Jan 2021 13:52
 Operator : JC/SP
 Sample : VX0119MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119MBL01

Quant Time: Jan 20 03:19:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

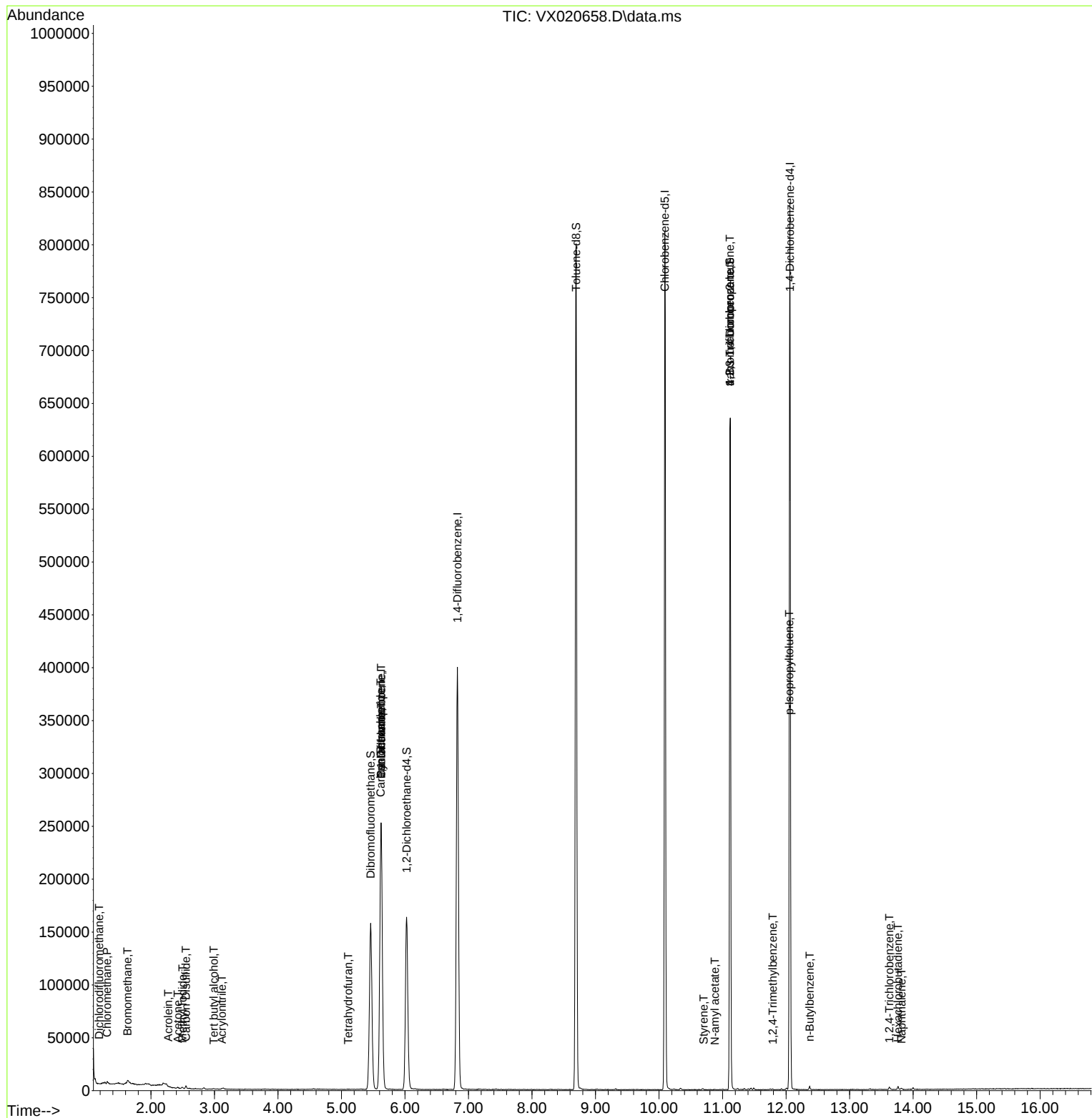
Internal Standards						
1) Pentafluorobenzene	5.623	168	234397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	400552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	371848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	160140	49.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.94%		
35) Dibromofluoromethane	5.458	113	134707	48.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.62%		
50) Toluene-d8	8.696	98	493317	49.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.14%		
62) 4-Bromofluorobenzene	11.116	95	179359	47.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.38%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	69	0.76	ug/l #	42
3) Chloromethane	1.307	50	1205	0.37	ug/l #	84
5) Bromomethane	1.630	94	810	0.53	ug/l #	39
6) Chloroethane	1.703	64	44	Below Cal	#	1
10) Methyl Iodide	2.495	142	1261	0.36	ug/l	94
11) Tert butyl alcohol	2.989	59	209	0.37	ug/l #	73
13) Acrolein	2.270	56	276	31.01	ug/l #	63
15) Acrylonitrile	3.117	53	384	0.27	ug/l #	85
16) Acetone	2.422	43	1072	0.86	ug/l	92
17) Carbon Disulfide	2.550	76	3201	0.45	ug/l	96
29) Tetrahydrofuran	5.105	42	298	0.26	ug/l #	27
31) Cyclohexane	5.623	56	4784	1.14	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18599	4.61	ug/l #	48
38) Carbon Tetrachloride	5.617	117	23936	5.56	ug/l #	16
70) Styrene	10.701	104	340	1.45	ug/l #	71
74) N-amyl acetate	10.878	43	88	1.96	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	87365	21.55	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	87365	62.34	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	431	0.44	ug/l	89
86) p-Isopropyltoluene	12.049	119	573	0.93	ug/l #	1
89) n-Butylbenzene	12.372	91	805	1.51	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	707	2.41	ug/l	90
94) Hexachlorobutadiene	13.762	225	543	0.32	ug/l	88
95) Naphthalene	13.817	128	1213	2.04	ug/l #	91

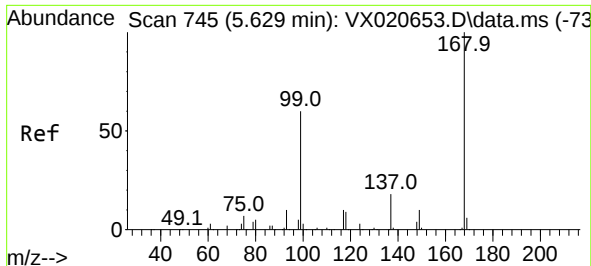
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX020658.D
Acq On : 19 Jan 2021 13:52
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Sample : VX0119MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

Quant Time: Jan 20 03:19:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
Response via : Initial Calibration

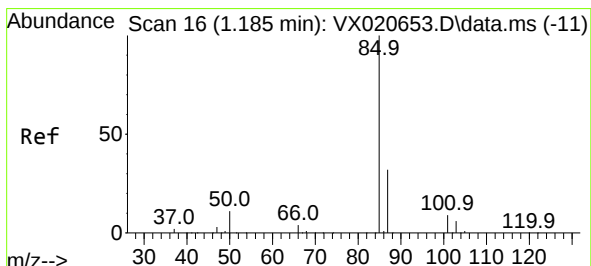
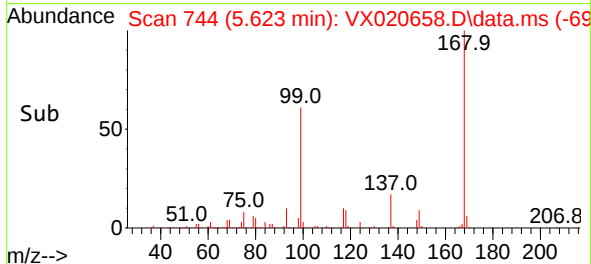
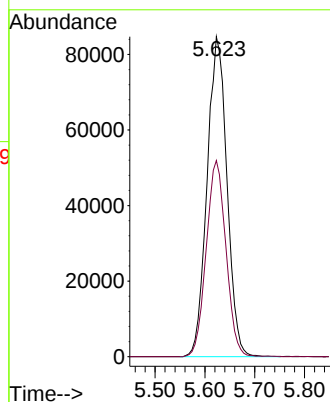
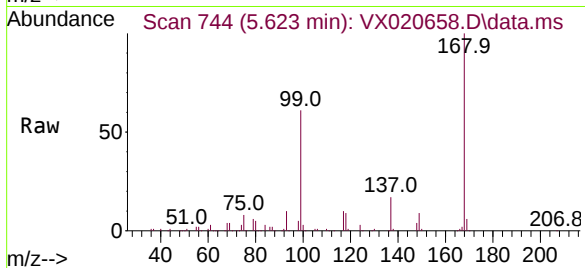




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

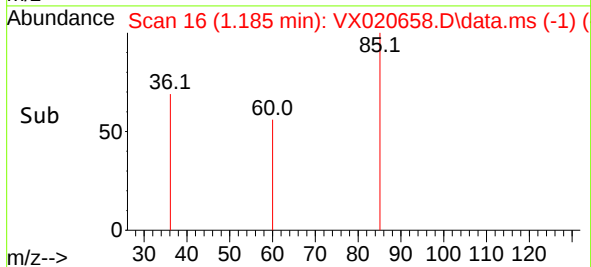
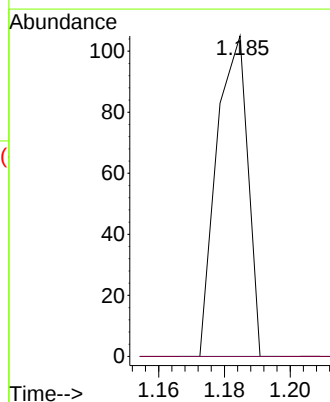
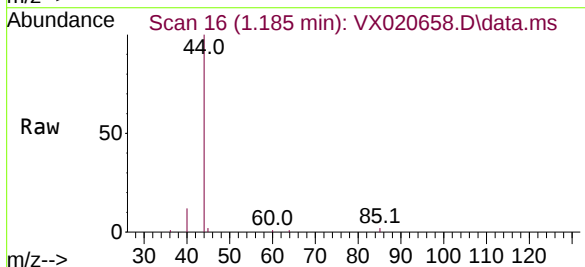
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

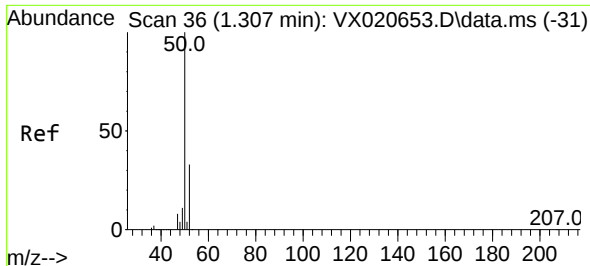
Tgt Ion:168 Resp: 234397
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.76 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

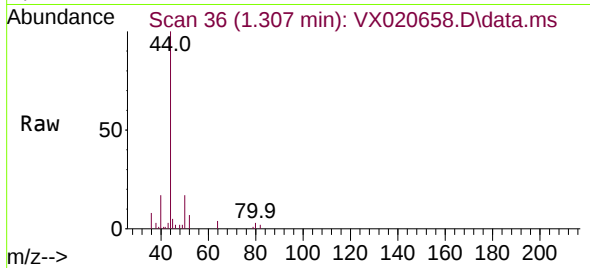
Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#



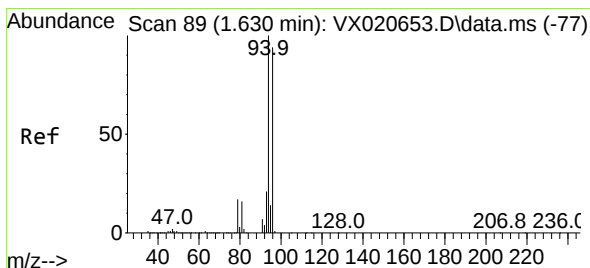
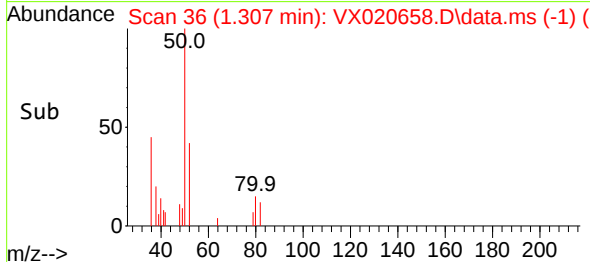
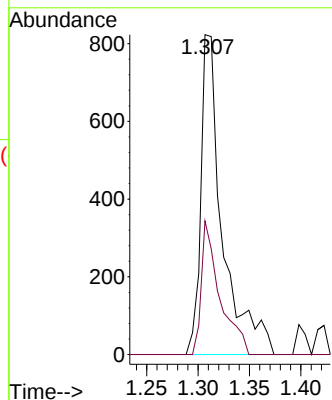


#3
Chloromethane
Concen: 0.37 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

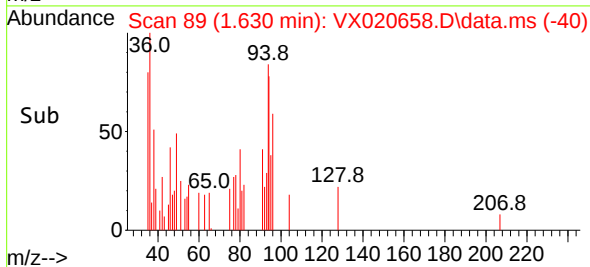
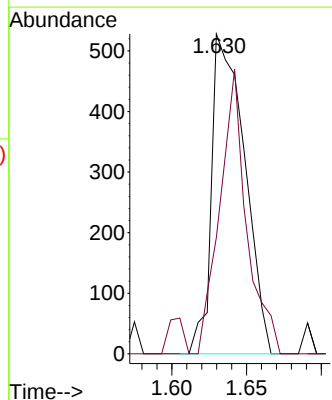
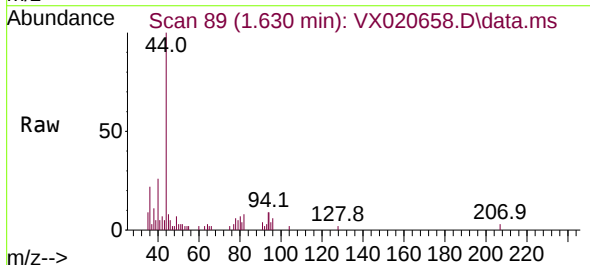


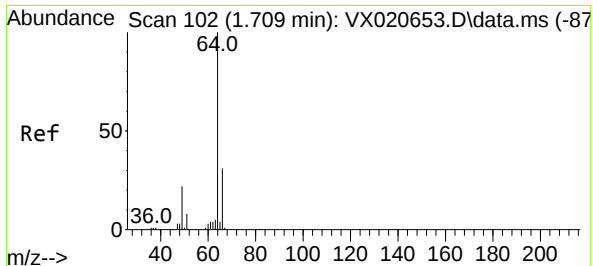
Tgt Ion: 50 Resp: 1205
Ion Ratio Lower Upper
50 100
52 41.8 26.4 39.6#



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 94 Resp: 810
Ion Ratio Lower Upper
94 100
96 36.4 76.4 114.6#

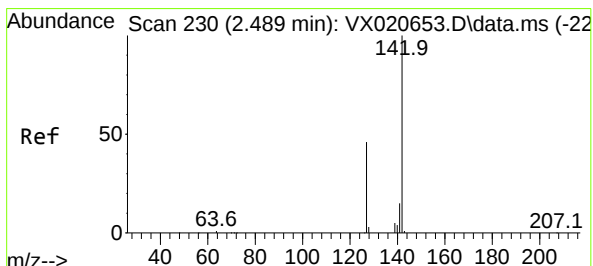
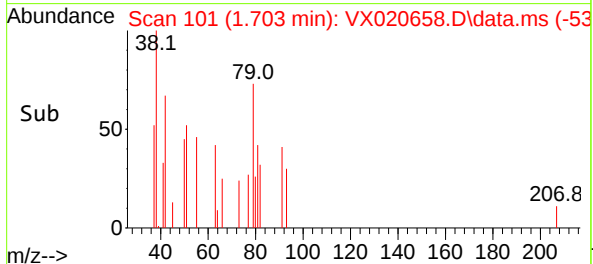
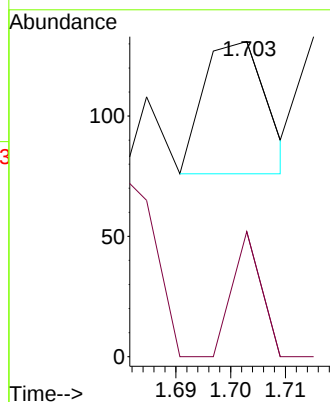
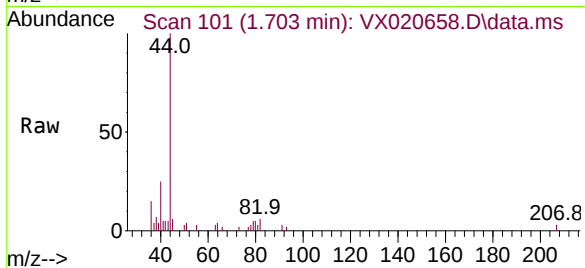




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

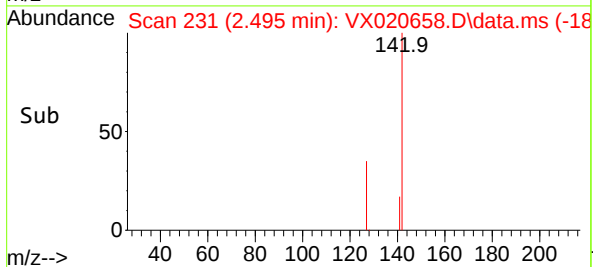
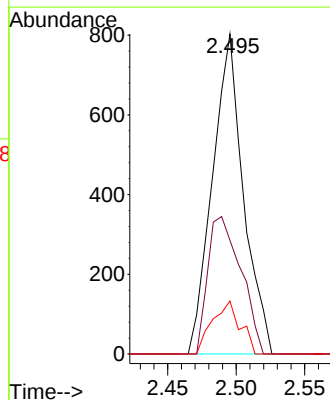
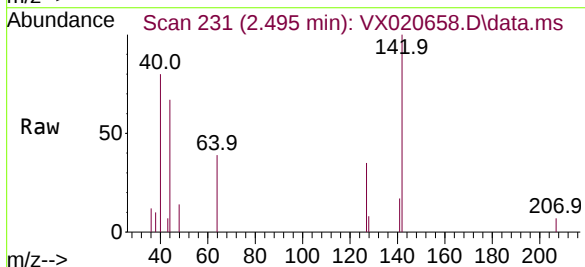
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

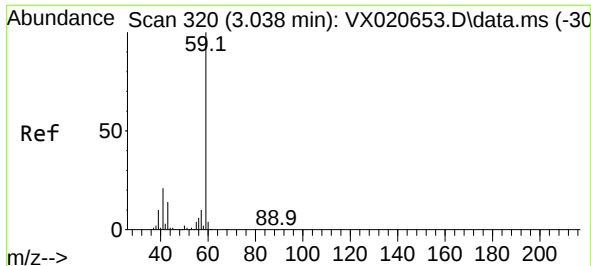
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 94.5 25.4 38.0#



#10
Methyl Iodide
Concen: 0.36 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion:142 Resp: 1261
Ion Ratio Lower Upper
142 100
127 46.1 33.3 49.9
141 14.9 11.4 17.0



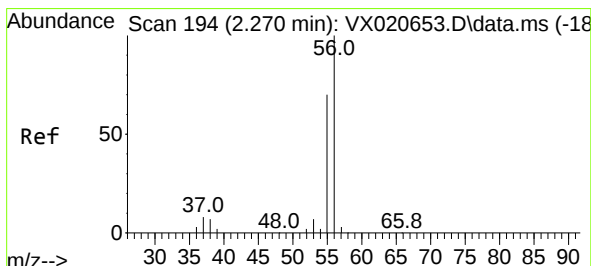
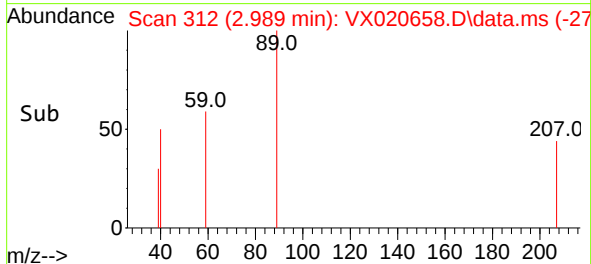
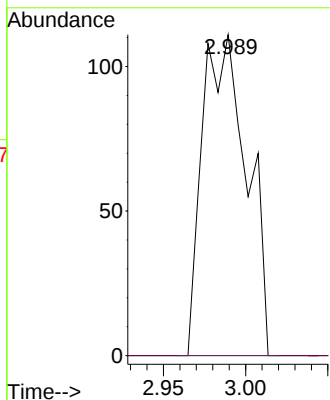
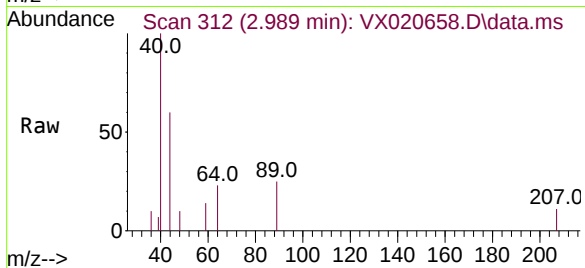


#11

Tert butyl alcohol
Concen: 0.37 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

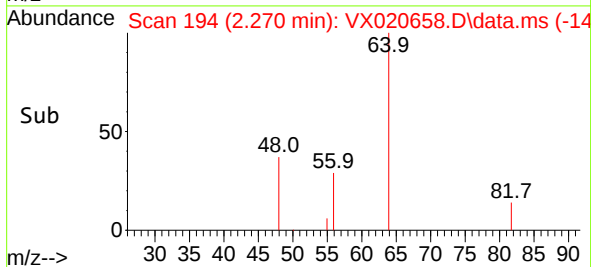
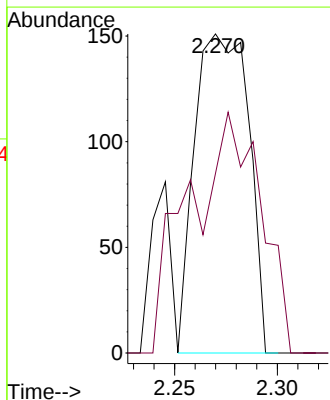
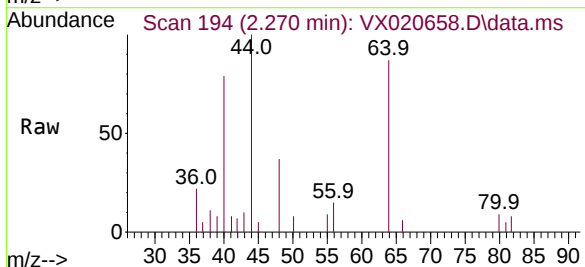
Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

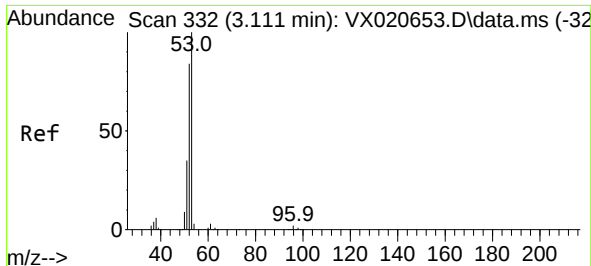


#13

Acrolein
Concen: 31.01 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 56 Resp: 276
Ion Ratio Lower Upper
56 100
55 100.7 56.4 84.6#

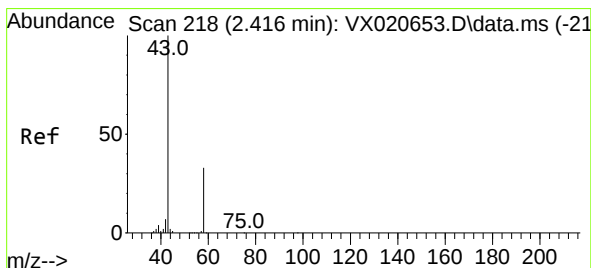
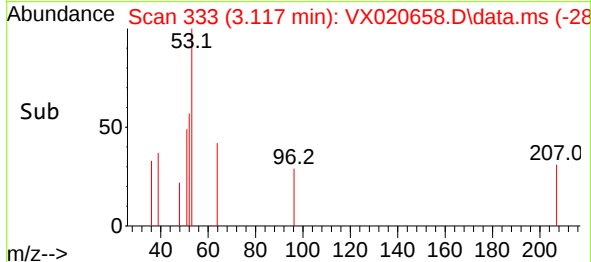
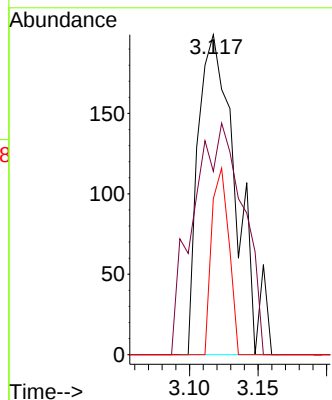
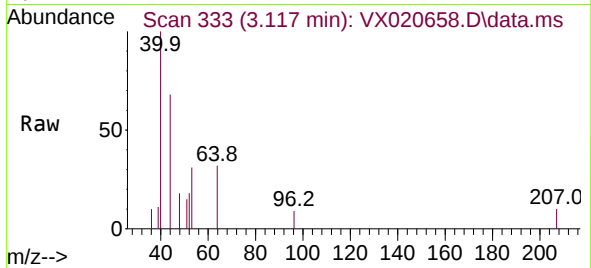




#15
Acrylonitrile
Concen: 0.27 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

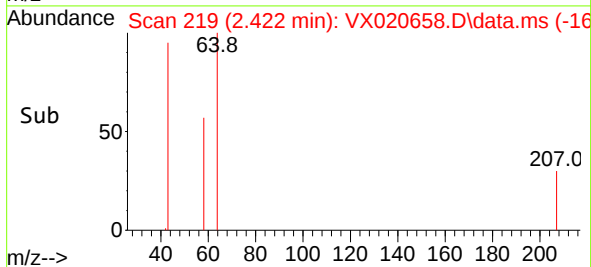
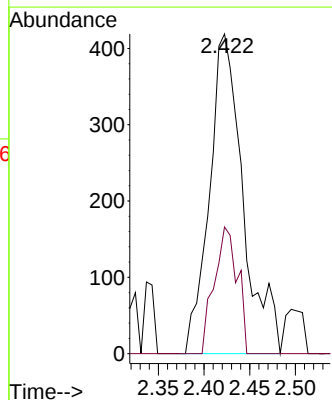
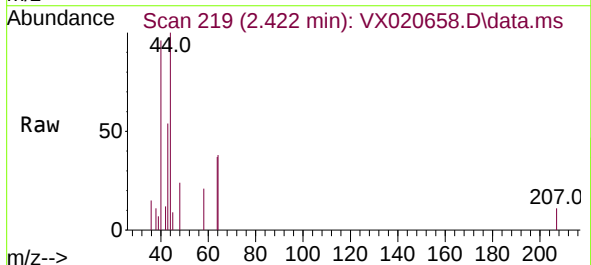
Instrument :
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ClientSampleId :
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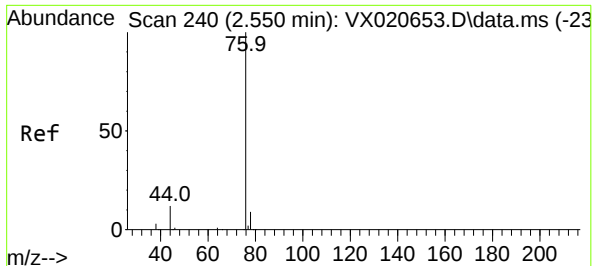
Tgt Ion: 53 Resp: 384
Ion Ratio Lower Upper
53 100
52 95.3 65.3 97.9
51 26.6 28.2 42.2#



#16
Acetone
Concen: 0.86 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 39.6 27.8 41.8

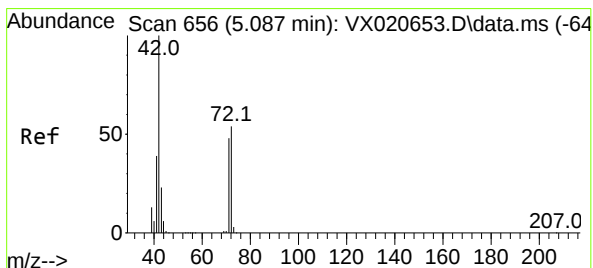
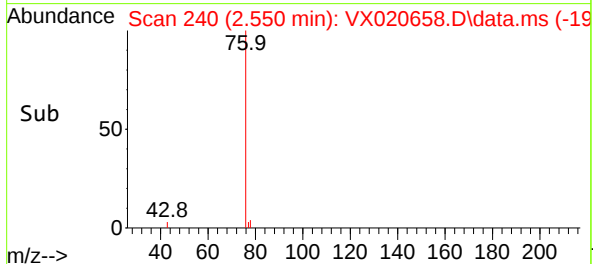
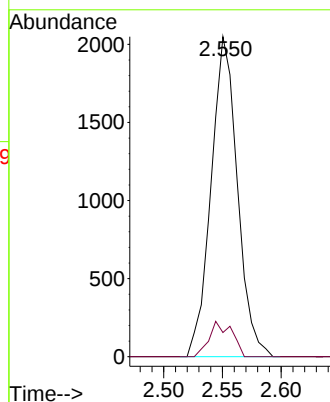
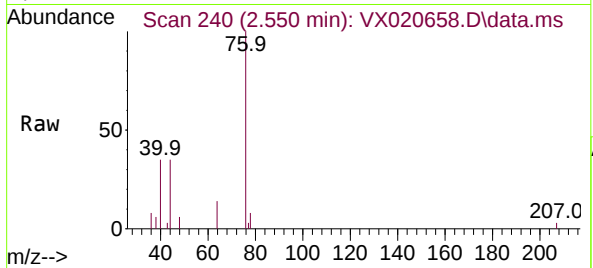




#17
Carbon Disulfide
Concen: 0.45 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

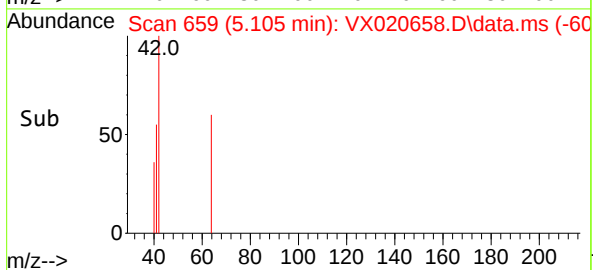
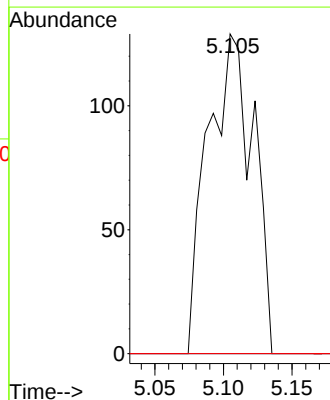
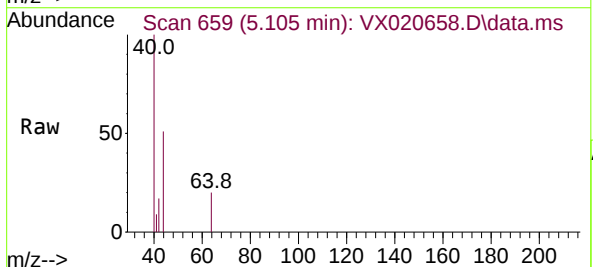
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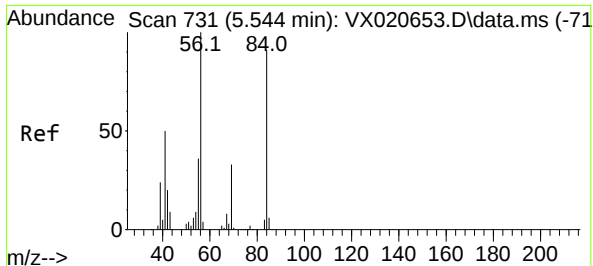
Tgt Ion: 76 Resp: 3201
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8



#29
Tetrahydrofuran
Concen: 0.26 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.018 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 42 Resp: 298
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#

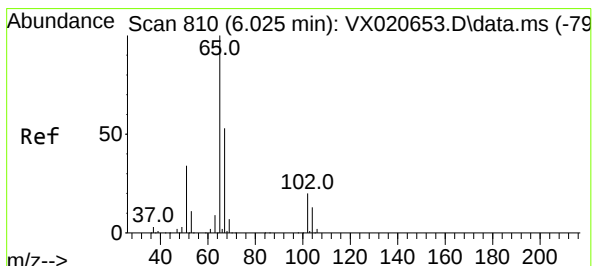
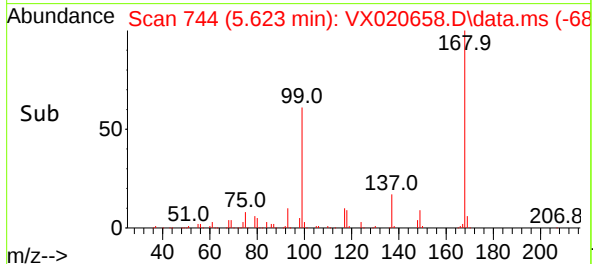
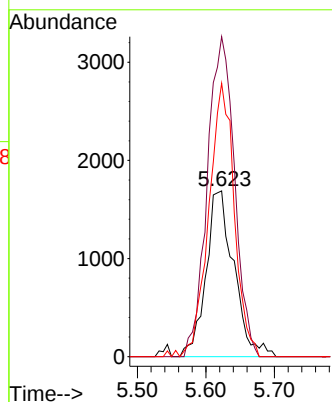
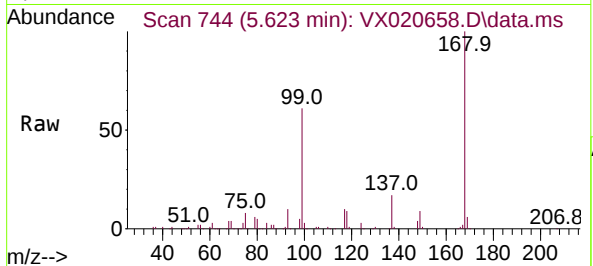




#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

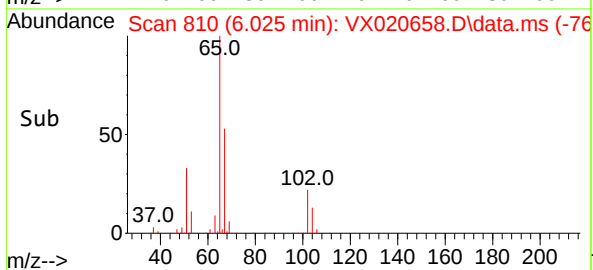
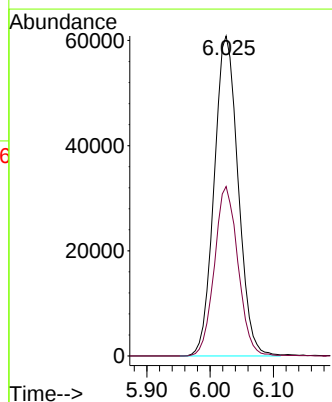
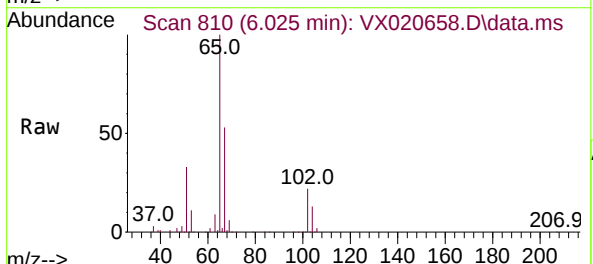
Instrument :
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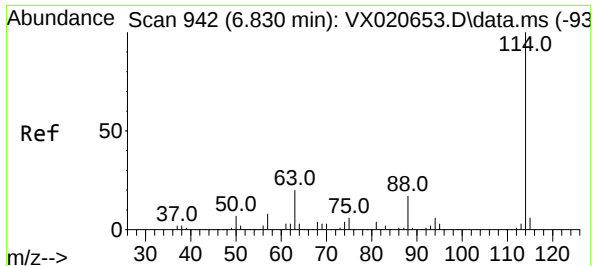
Tgt Ion: 56 Resp: 4784
Ion Ratio Lower Upper
56 100
69 193.1 25.3 37.9#
84 165.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.97 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 65 Resp: 160140
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.006 min

Lab File: VX020658.D

Acq: 19 Jan 2021 13:52

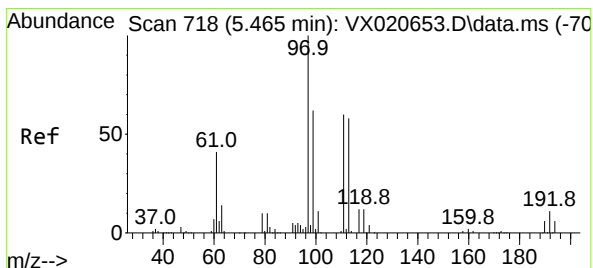
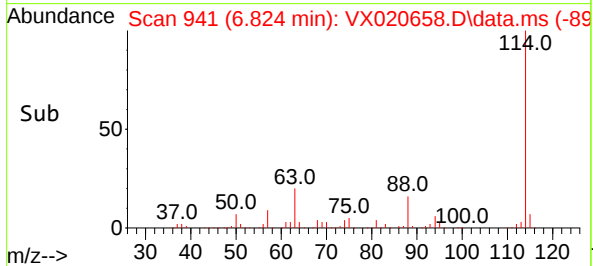
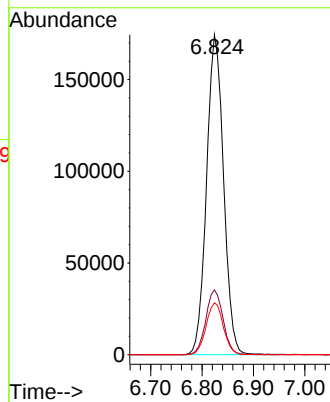
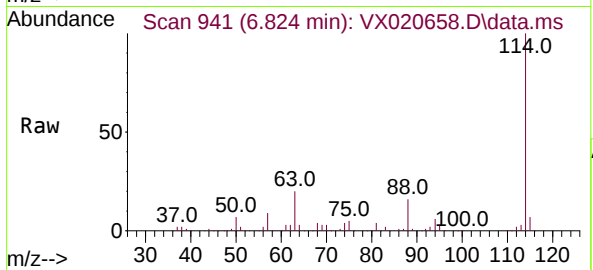
Tgt Ion:114 Resp: 400552

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.81 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.007 min

Lab File: VX020658.D

Acq: 19 Jan 2021 13:52

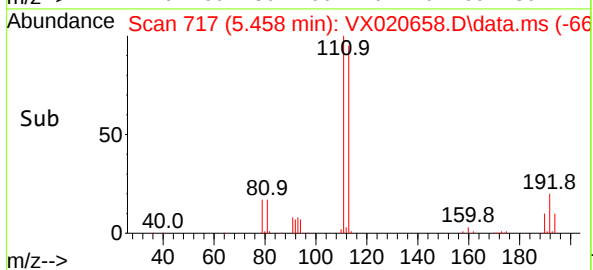
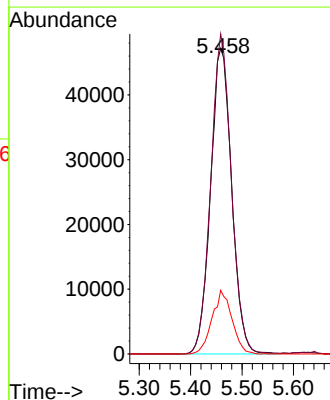
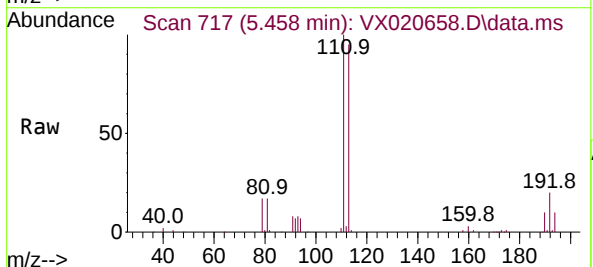
Tgt Ion:113 Resp: 134707

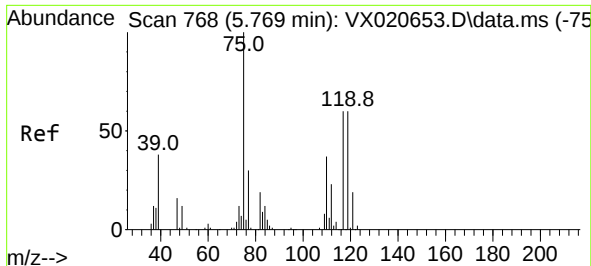
Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 5.623 min Scan# 744

Delta R.T. -0.146 min

Lab File: VX020658.D

Acq: 19 Jan 2021 13:52

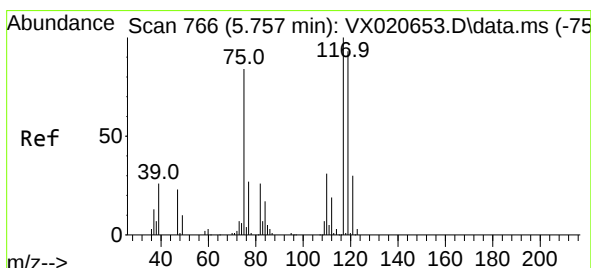
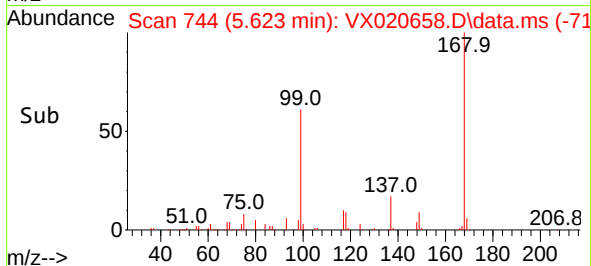
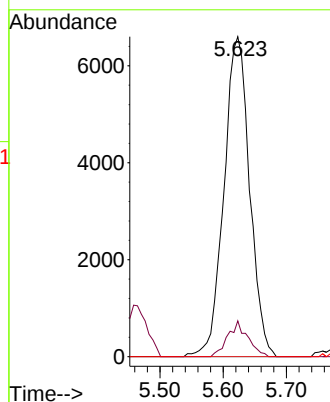
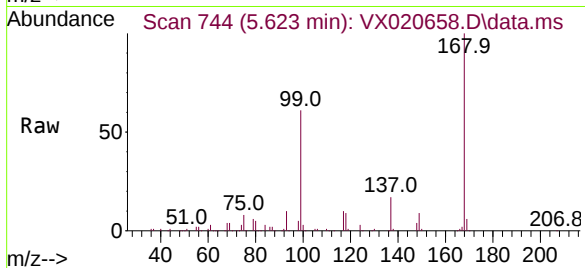
Tgt Ion: 75 Resp: 18599

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.56 ug/l

RT: 5.617 min Scan# 743

Delta R.T. -0.140 min

Lab File: VX020658.D

Acq: 19 Jan 2021 13:52

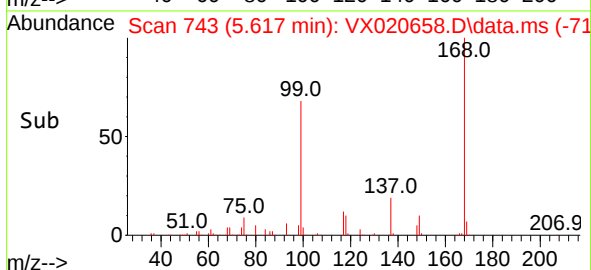
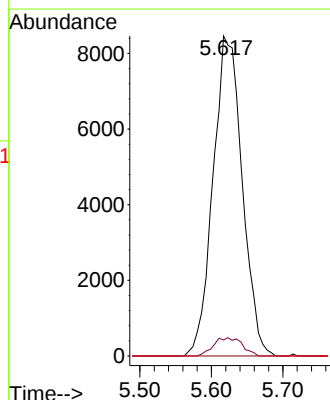
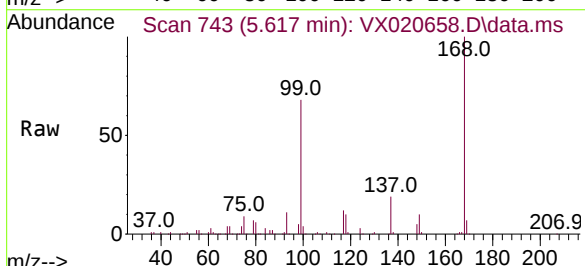
Tgt Ion: 117 Resp: 23936

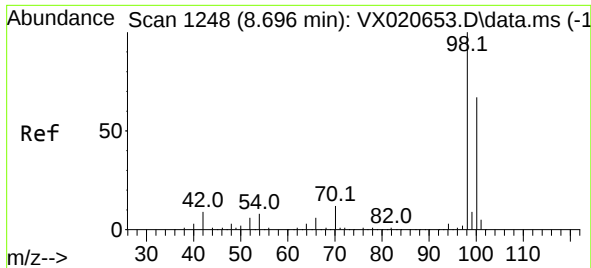
Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

121 0.0 24.8 37.2#

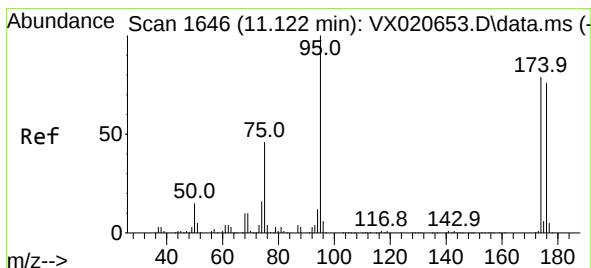
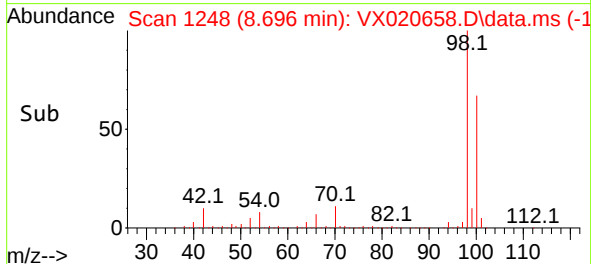
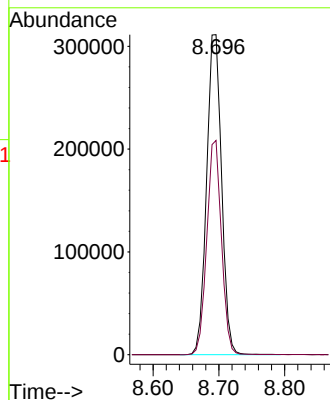
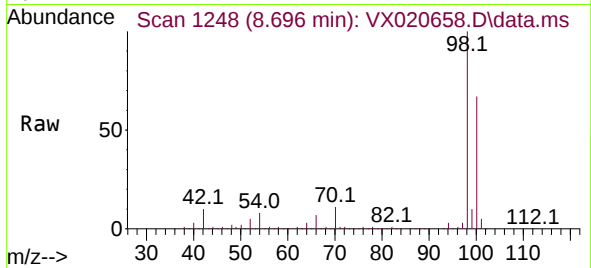




#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

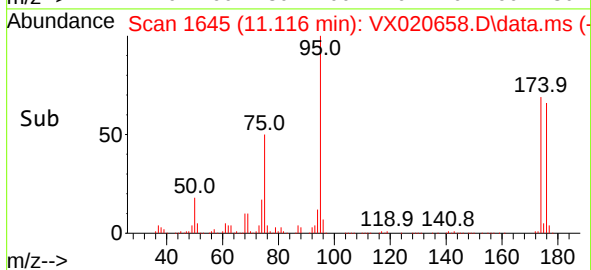
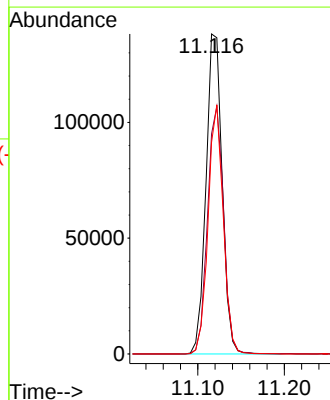
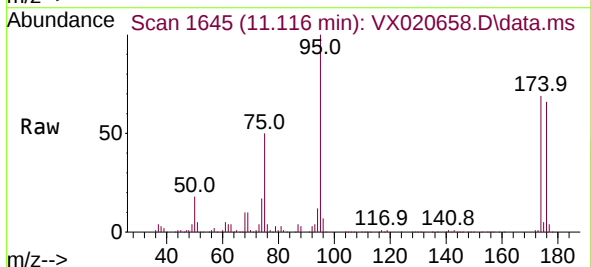
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

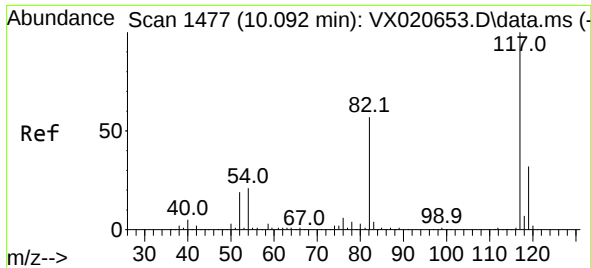
Tgt Ion: 98 Resp: 493317
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.69 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 95 Resp: 179359
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 72.8 0.0 155.8

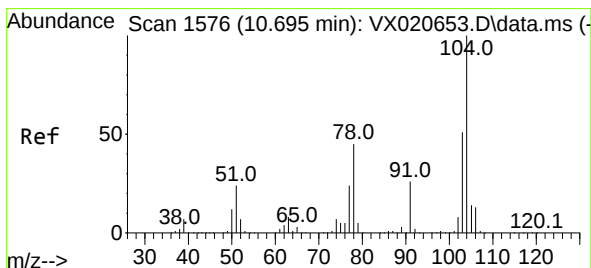
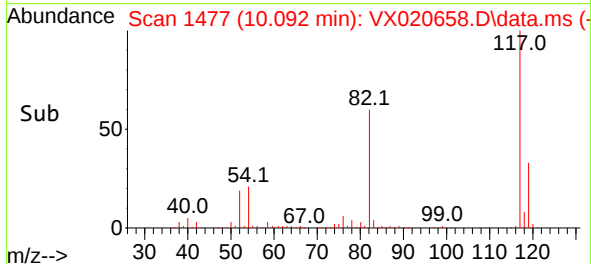
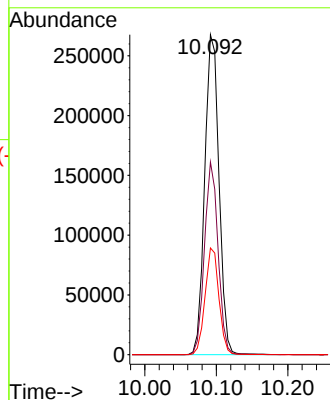
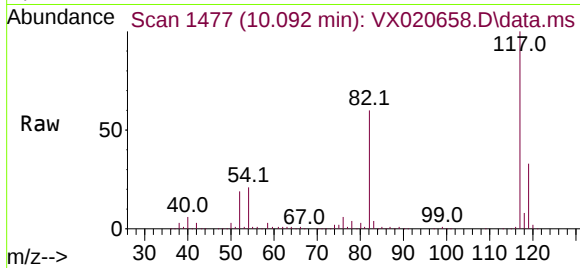




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

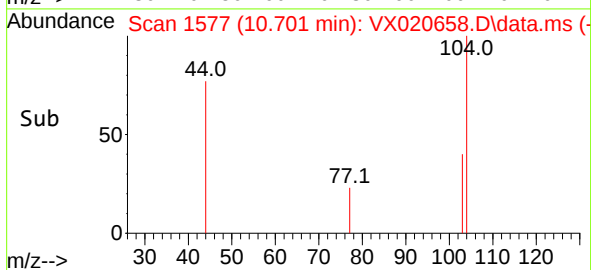
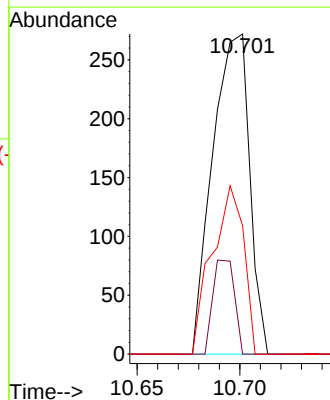
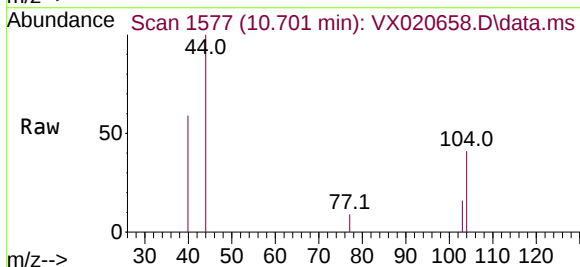
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

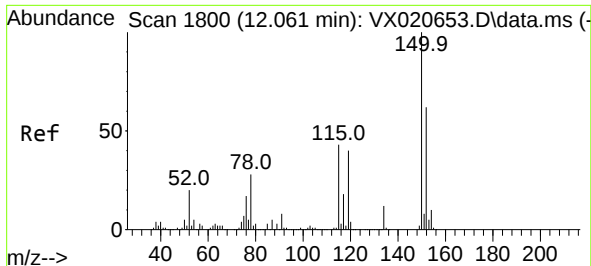
Tgt Ion:117 Resp: 371848
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.3 26.6 39.8



#70
Styrene
Concen: 1.45 ug/l
RT: 10.701 min Scan# 1577
Delta R.T. 0.006 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion:104 Resp: 340
Ion Ratio Lower Upper
104 100
78 17.1 40.0 60.0#
103 45.3 43.4 65.0

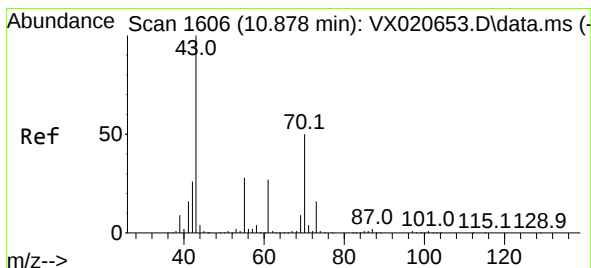
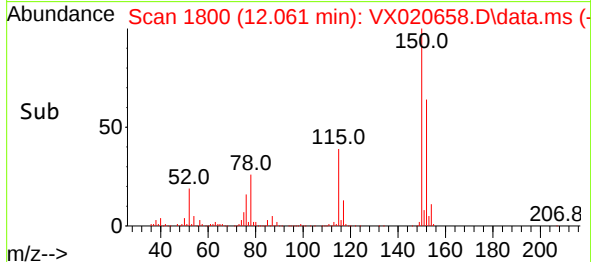
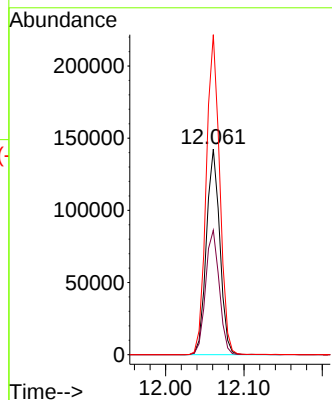
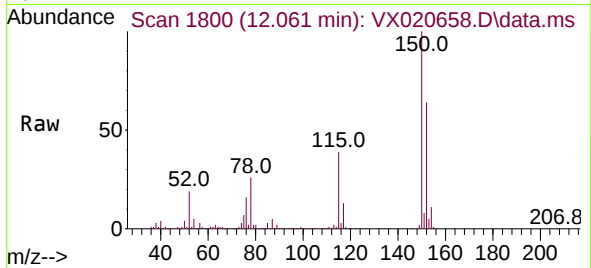




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

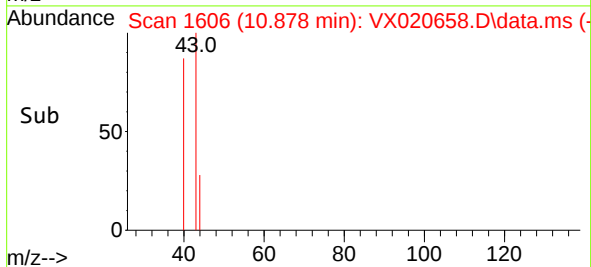
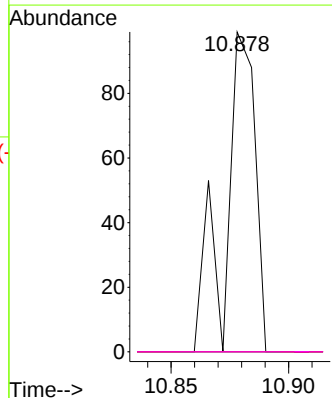
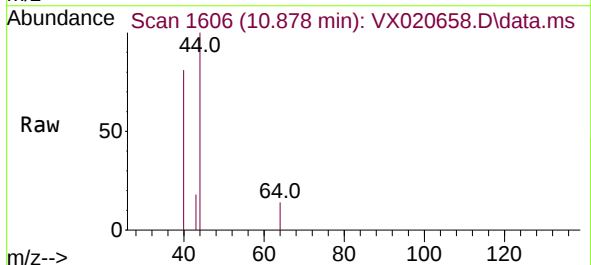
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

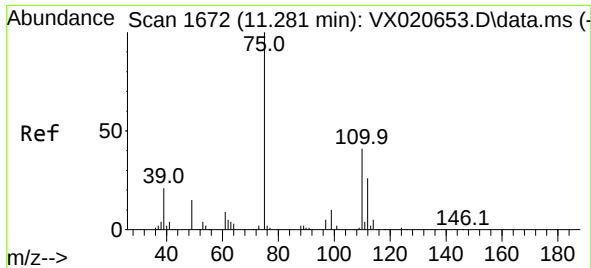
Tgt Ion:152 Resp: 168906
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 156.3 0.0 349.0



#74
N-ethyl acetate
Concen: 1.96 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

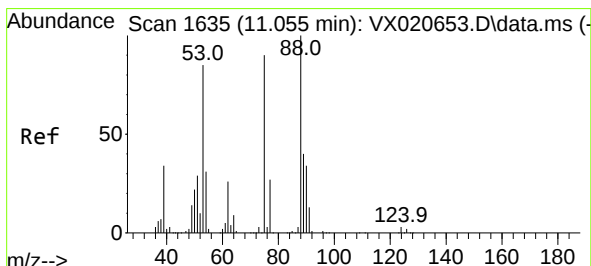
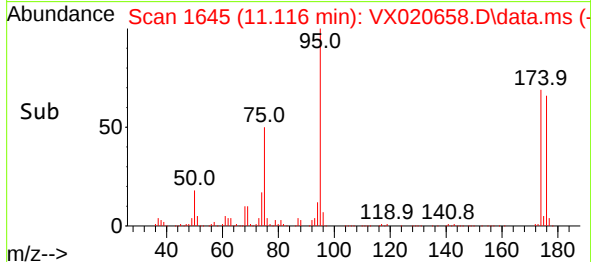
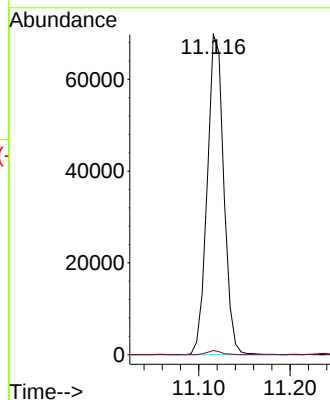
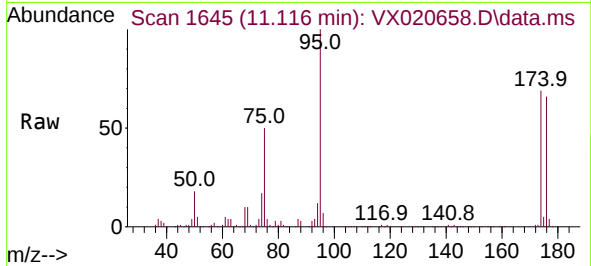




#76
1,2,3-Trichloropropane
Concen: 21.55 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

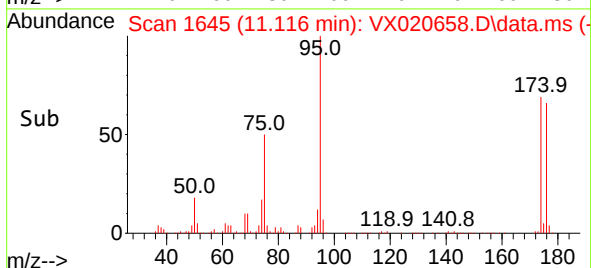
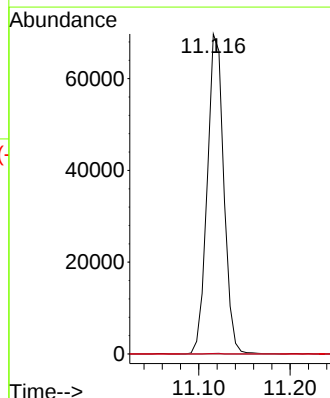
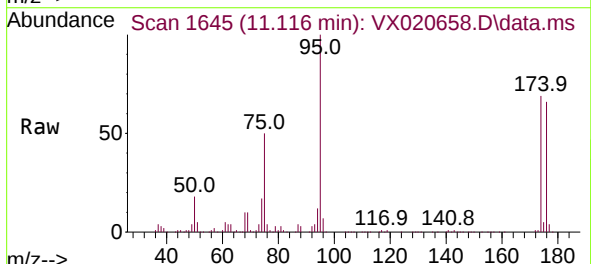
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

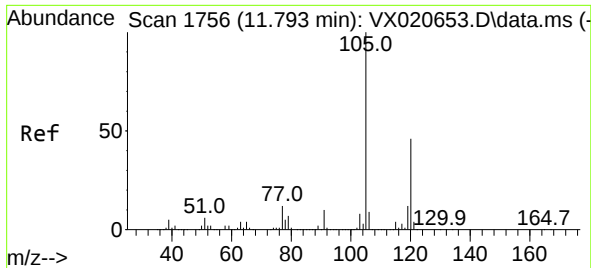
Tgt Ion: 75 Resp: 87365
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.34 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion: 75 Resp: 87365
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

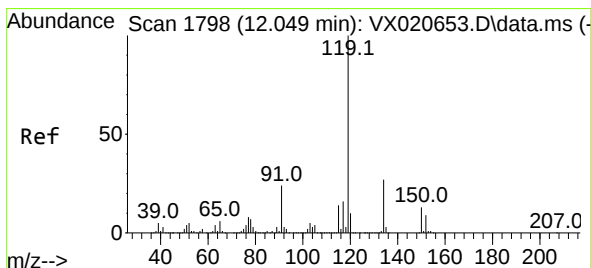
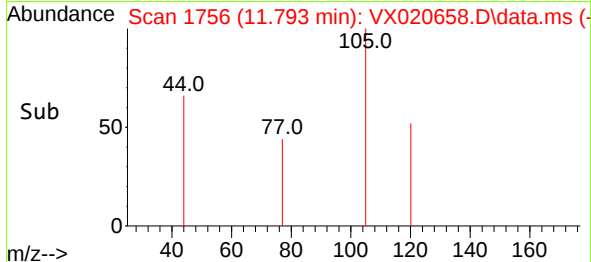
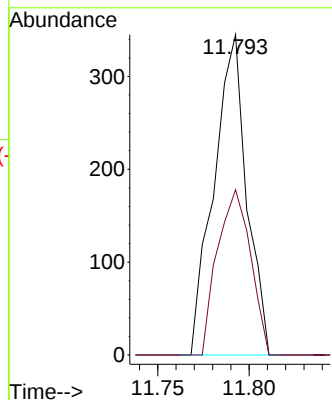
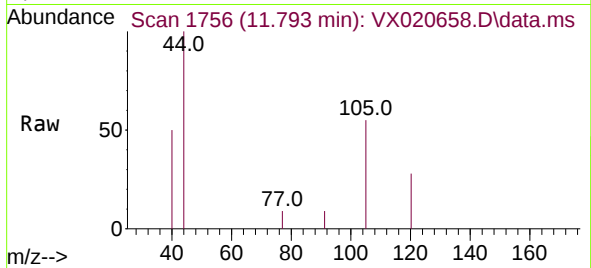




#84
1,2,4-Trimethylbenzene
Concen: 0.44 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

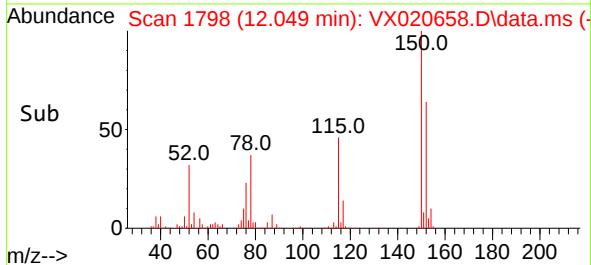
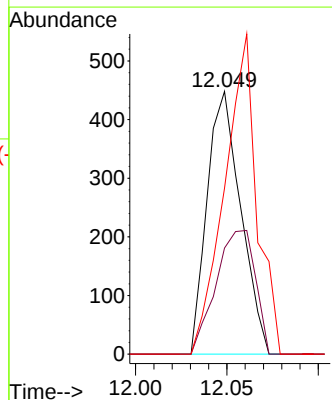
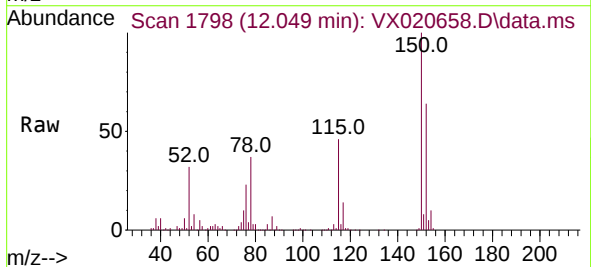
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

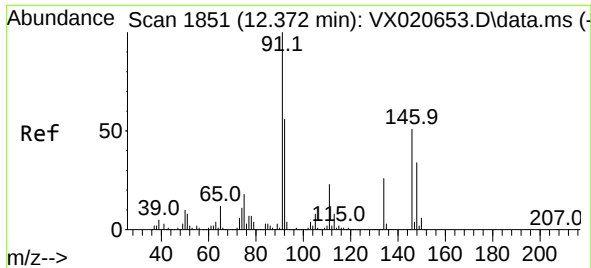
Tgt Ion:105 Resp: 431
Ion Ratio Lower Upper
105 100
120 52.0 22.4 67.3



#86
p-Isopropyltoluene
Concen: 0.93 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion:119 Resp: 573
Ion Ratio Lower Upper
119 100
134 55.1 12.9 38.7#
91 116.8 11.7 35.0#

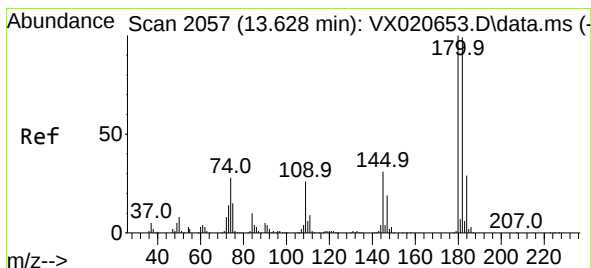
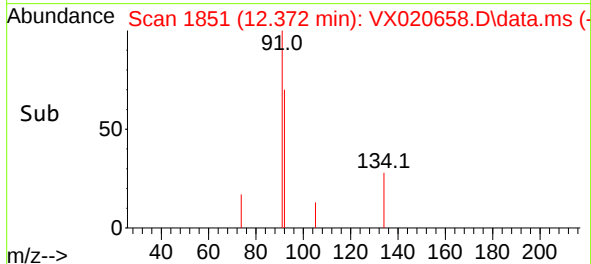
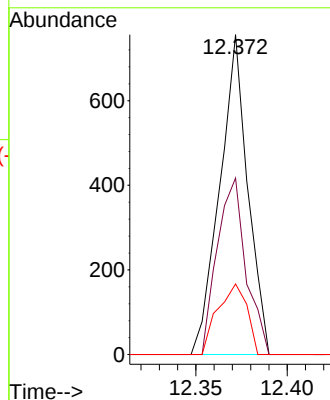
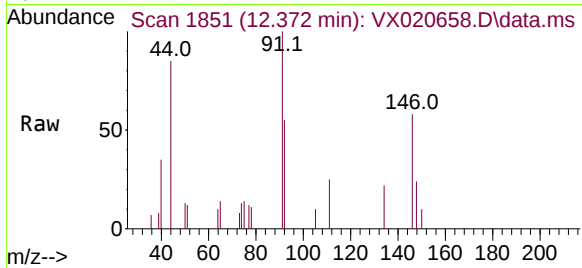




#89
n-Butylbenzene
Concen: 1.51 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

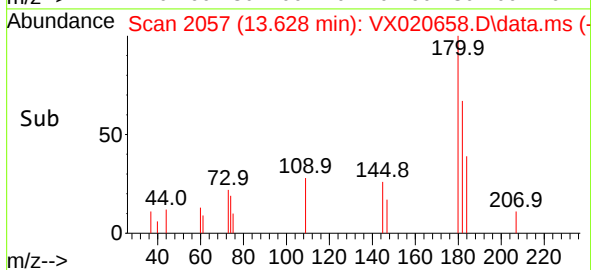
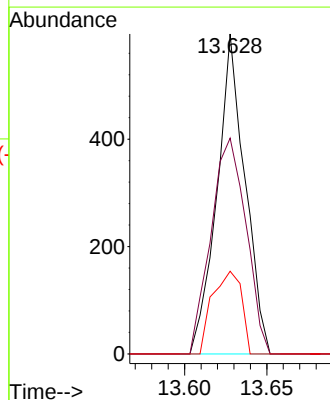
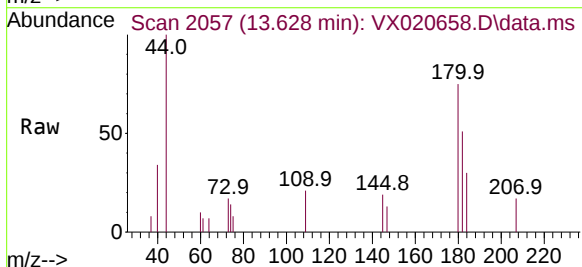
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

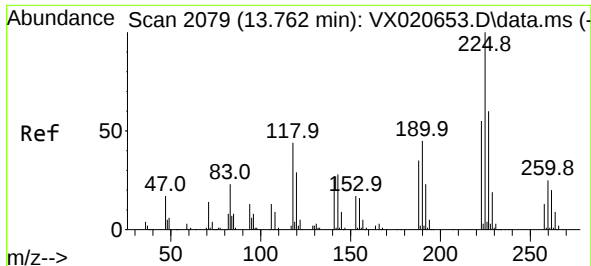
Tgt Ion:	91	Resp:	805
Ion	Ratio	Lower	Upper
91	100		
92	56.5	27.4	82.0
134	23.0	13.2	39.5



#93
1,2,4-Trichlorobenzene
Concen: 2.41 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion:	180	Resp:	707
Ion	Ratio	Lower	Upper
180	100		
182	84.4	47.7	143.1
145	26.7	15.0	45.0

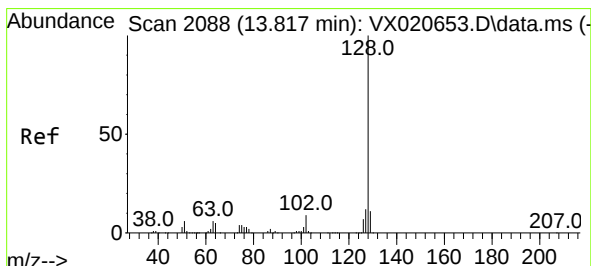
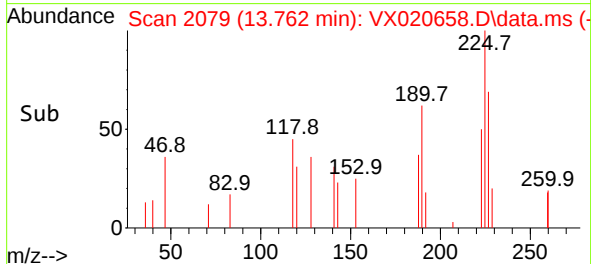
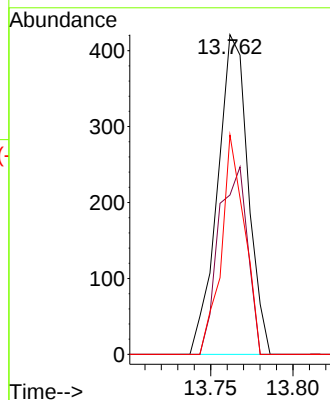
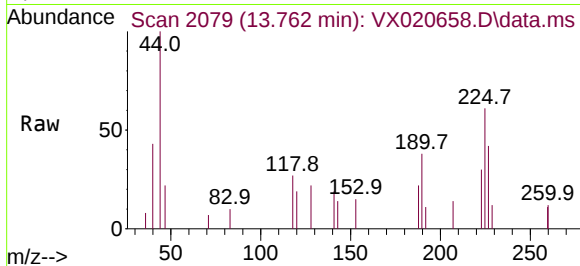




#94
Hexachlorobutadiene
Concen: 0.32 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL01

Tgt Ion:	225	Resp:	543
Ion	Ratio	Lower	Upper
225	100		
223	55.4	31.1	93.2
227	52.1	31.6	95.0



#95
Naphthalene
Concen: 2.04 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020658.D
Acq: 19 Jan 2021 13:52

Tgt Ion:	128	Resp:	1213
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	5.1	8.8	13.2#

