

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020724.D
 Acq On : 25 Jan 2021 14:46
 Operator : JC/SP
 Sample : VX0125WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 03:07:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

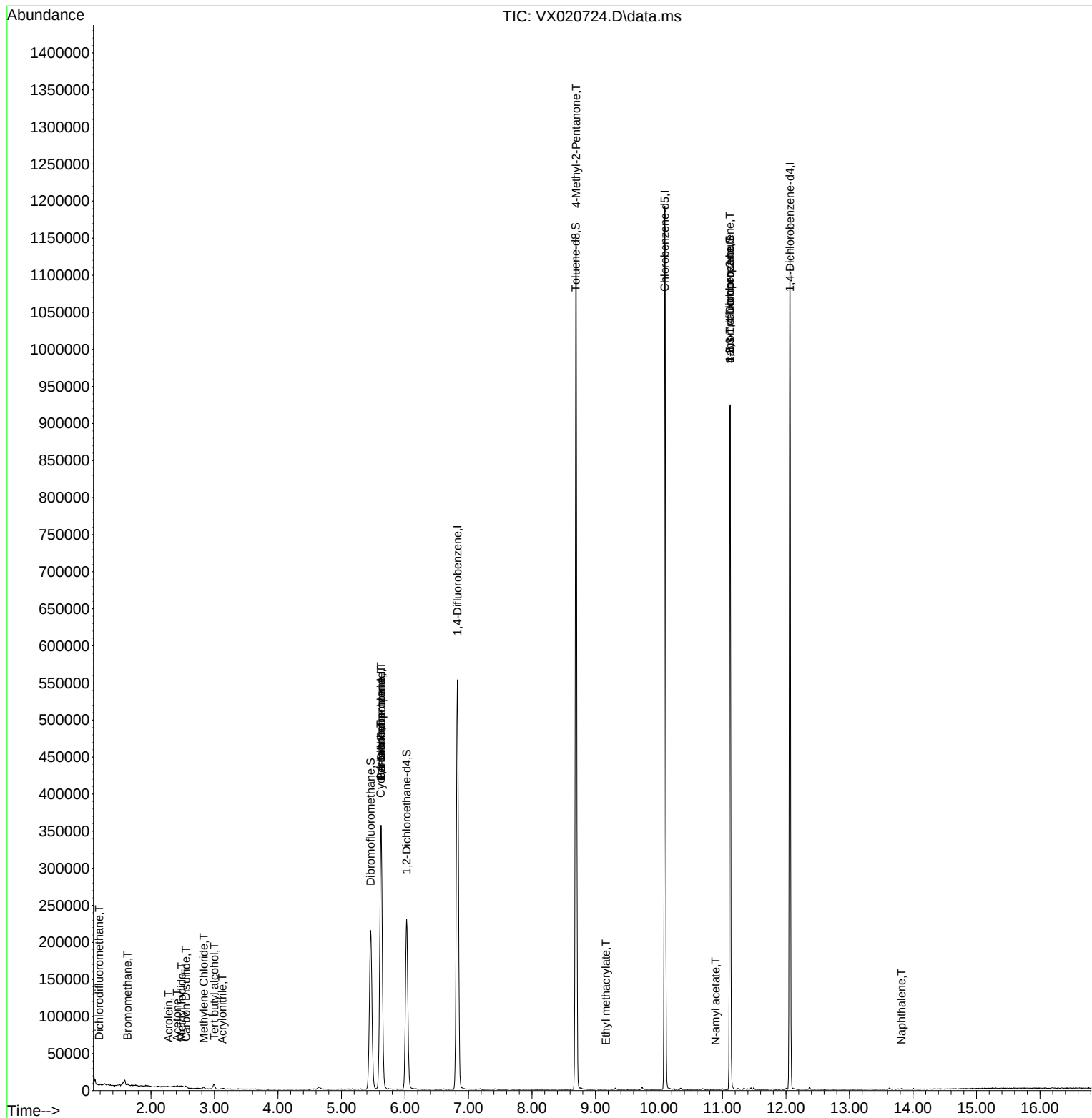
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.623	168	324905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	561184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	541531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	245336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	221353	49.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.90%
35) Dibromofluoromethane	5.458	113	187602	48.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.60%
50) Toluene-d8	8.690	98	697951	49.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.06%
62) 4-Bromofluorobenzene	11.116	95	260129	47.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.06%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	194	1.24	ug/l #	42
5) Bromomethane	1.630	94	956	0.44	ug/l	94
10) Methyl Iodide	2.483	142	975	0.22	ug/l #	86
11) Tert butyl alcohol	2.995	59	3684	4.45	ug/l #	73
13) Acrolein	2.276	56	177	0.28	ug/l #	14
15) Acrylonitrile	3.123	53	441	0.21	ug/l	88
16) Acetone	2.410	43	1580	0.94	ug/l #	74
17) Carbon Disulfide	2.550	76	3143	1.21	ug/l #	70
20) Methylene Chloride	2.831	84	1006	0.24	ug/l	85
31) Cyclohexane	5.617	56	6902	1.16	ug/l #	25
36) 1,1-Dichloropropene	5.623	75	26021	4.62	ug/l #	49
38) Carbon Tetrachloride	5.623	117	34200	5.77	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2916	0.54	ug/l #	1
56) Ethyl methacrylate	9.165	69	21	2.79	ug/l #	1
74) N-amyl acetate	10.890	43	44	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	128632	22.61	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	128632	63.35	ug/l #	12
95) Naphthalene	13.817	128	937	2.92	ug/l #	83

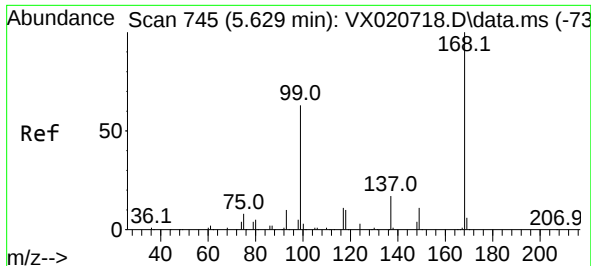
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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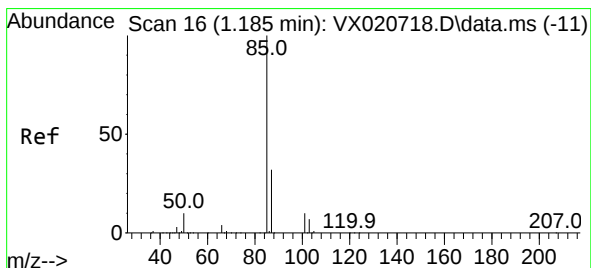
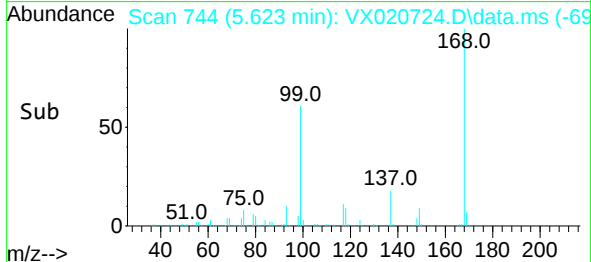
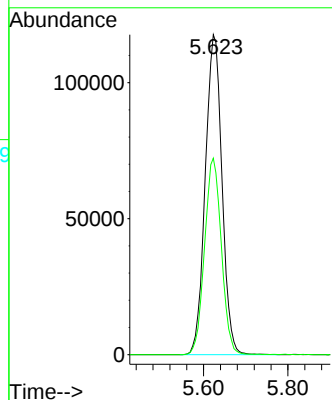
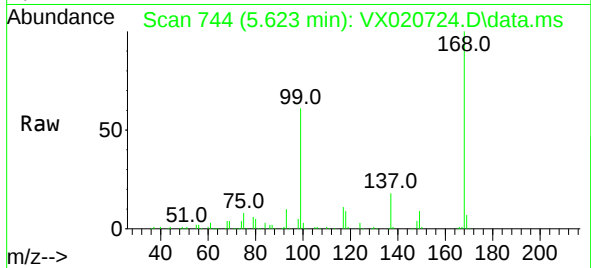




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

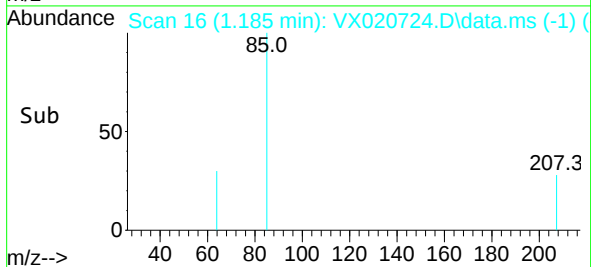
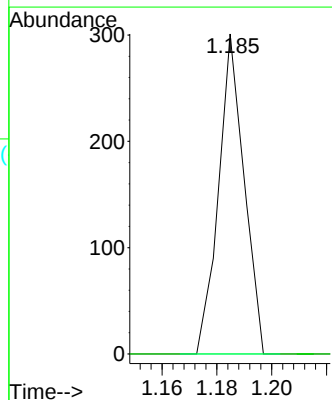
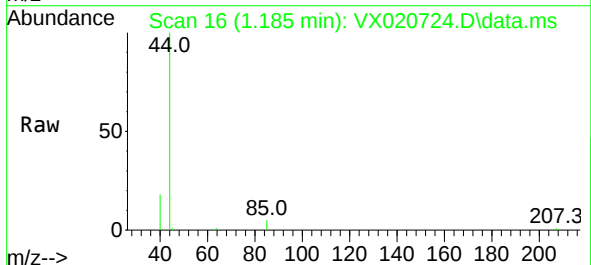
Instrument :
MSVOA_X
ClientSampleId :

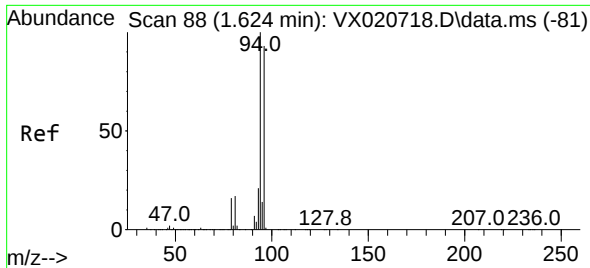
Tgt Ion:168 Resp: 324905
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.24 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 85 Resp: 194
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

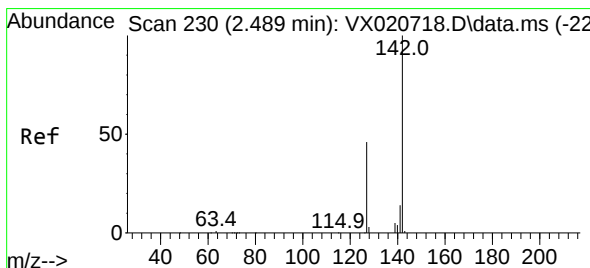
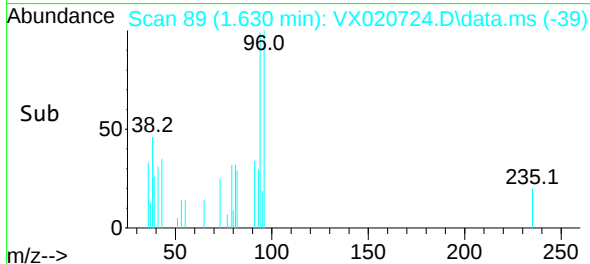
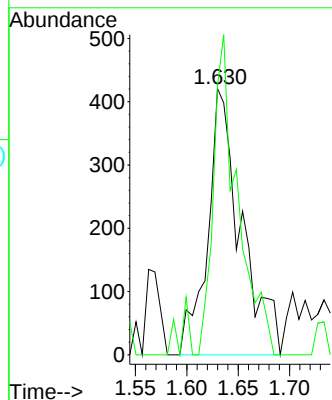
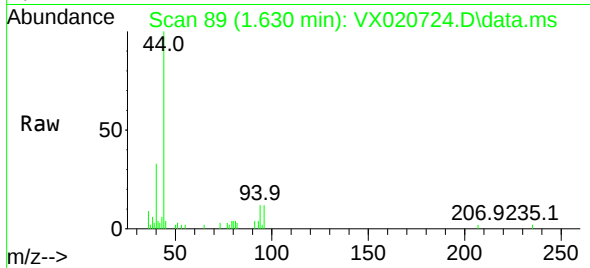




#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

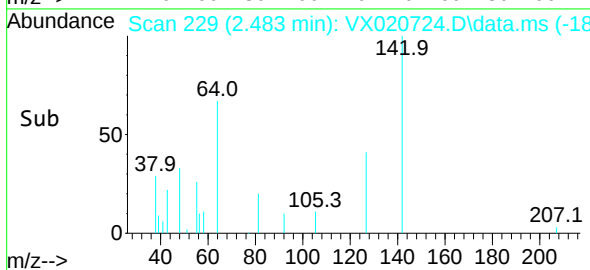
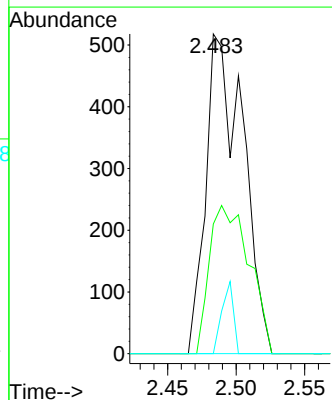
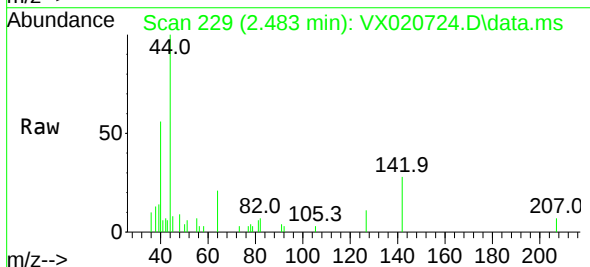
Instrument :
MSVOA_X
ClientSampleId :

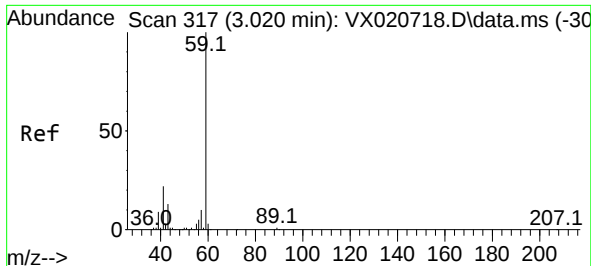
Tgt Ion: 94 Resp: 956
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6



#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

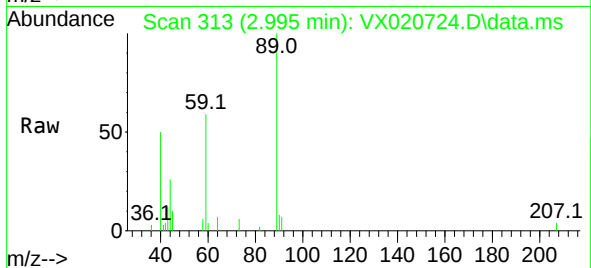
Tgt Ion: 142 Resp: 975
Ion Ratio Lower Upper
142 100
127 49.8 33.3 49.9
141 7.0 11.4 17.0#



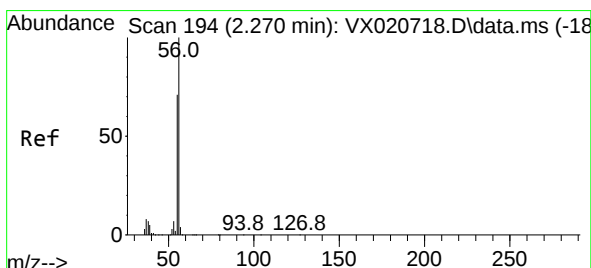
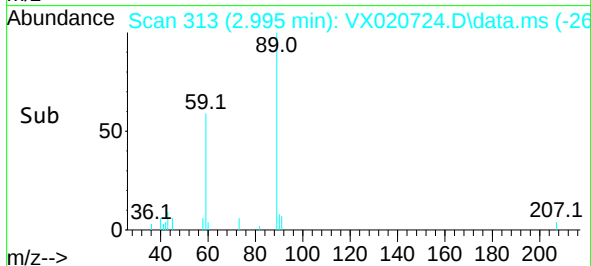
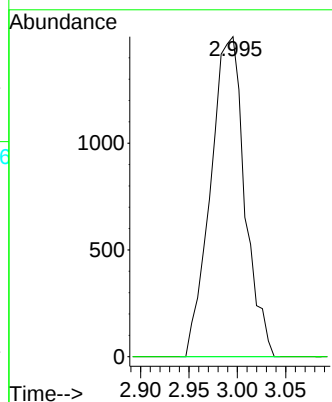


#11
Tert butyl alcohol
Concen: 4.45 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampled :

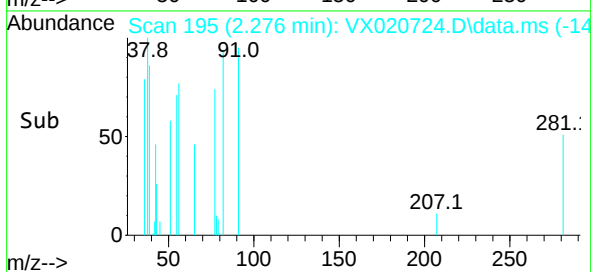
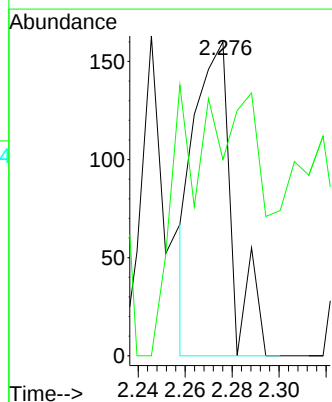
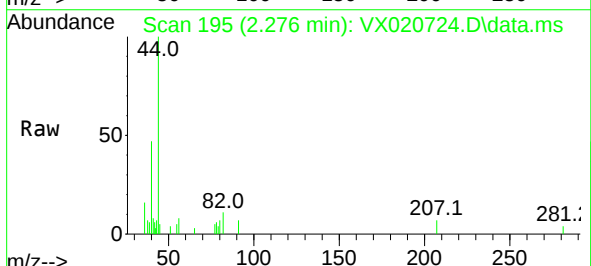


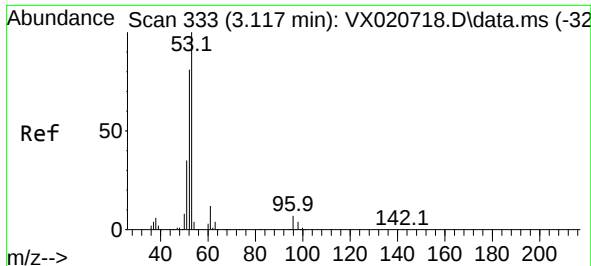
Tgt Ion: 59 Resp: 3684
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.28 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

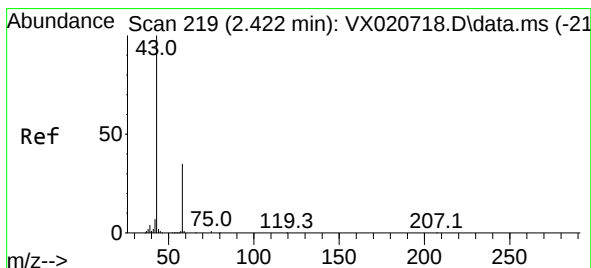
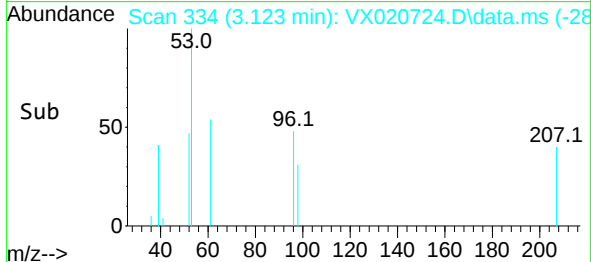
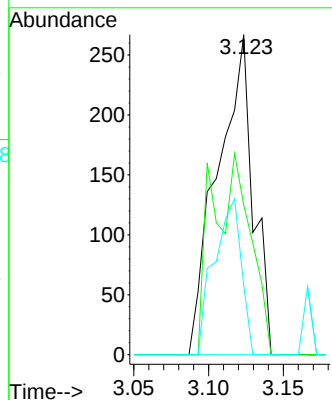
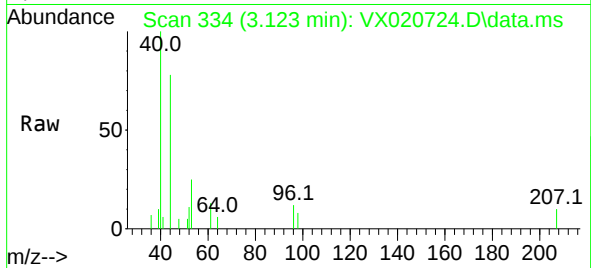




#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

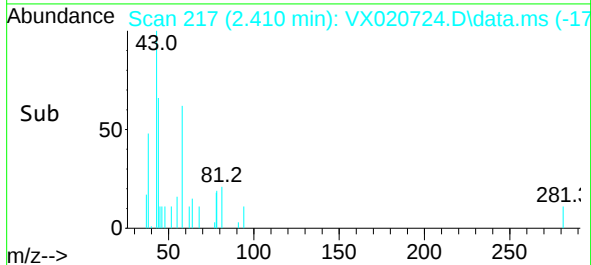
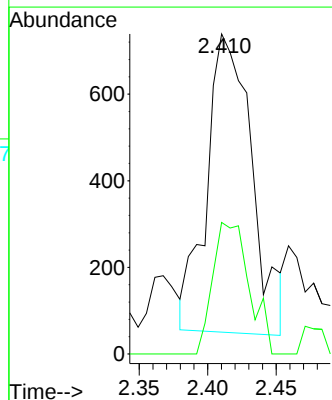
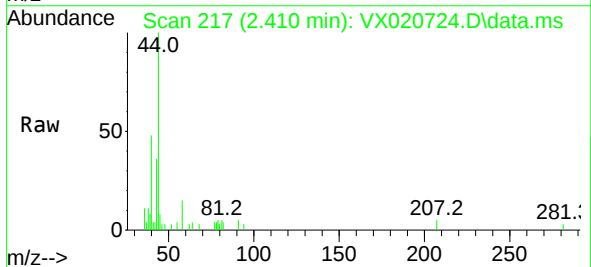
Instrument :
MSVOA_X
ClientSampled :

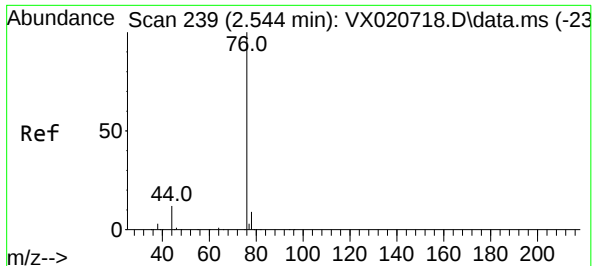
Tgt Ion: 53 Resp: 441
Ion Ratio Lower Upper
53 100
52 67.6 65.3 97.9
51 37.4 28.2 42.2



#16
Acetone
Concen: 0.94 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.012 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 49.6 27.8 41.8#

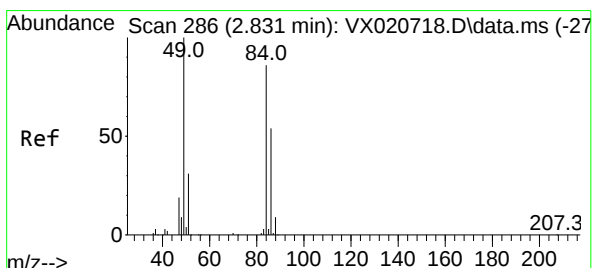
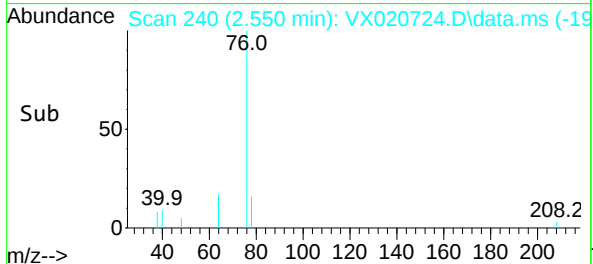
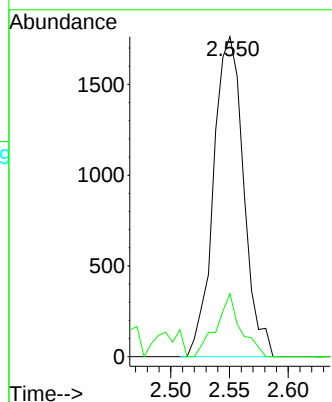
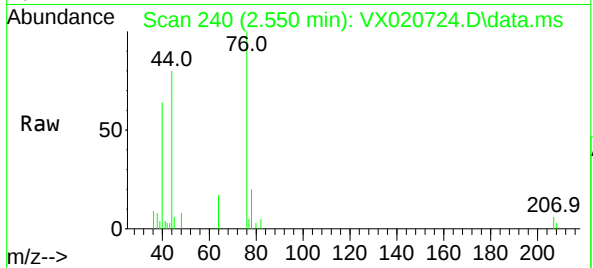




#17
Carbon Disulfide
Concen: 1.21 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

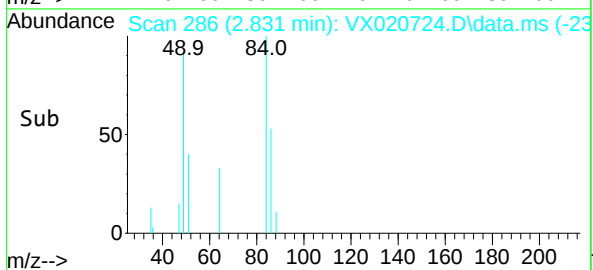
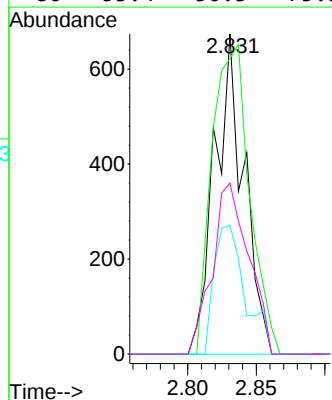
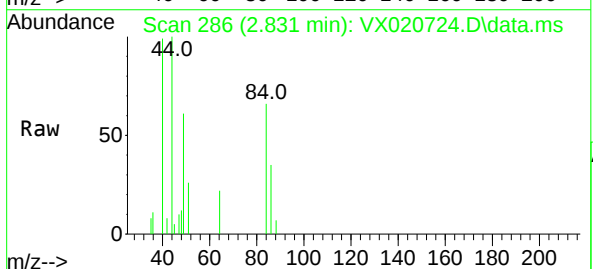
Instrument :
MSVOA_X
ClientSampled :

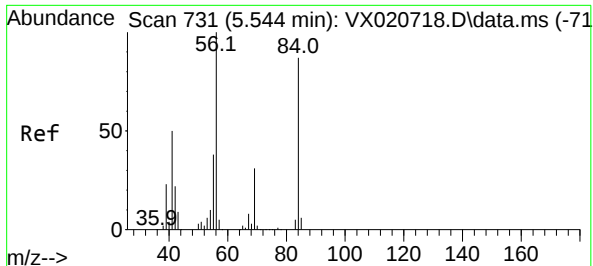
Tgt Ion: 76 Resp: 3143
Ion Ratio Lower Upper
76 100
78 19.7 7.2 10.8#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

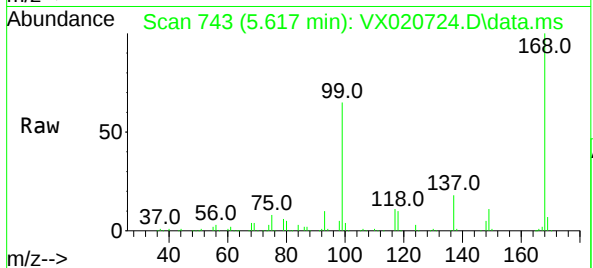
Tgt Ion: 84 Resp: 1006
Ion Ratio Lower Upper
84 100
49 92.3 88.6 132.8
51 40.2 27.0 40.6
86 53.4 50.3 75.5



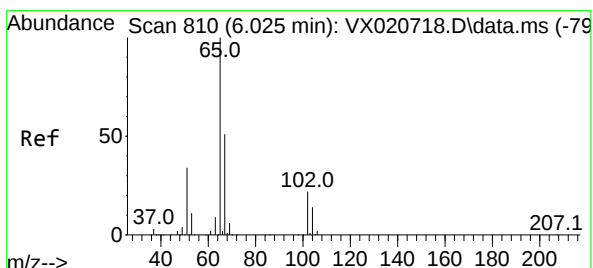
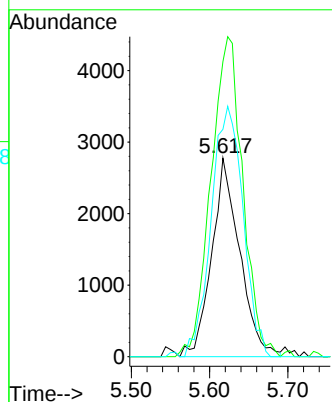
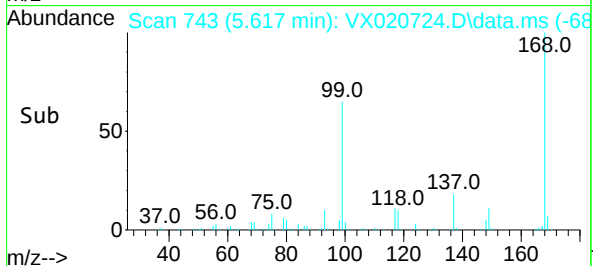


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

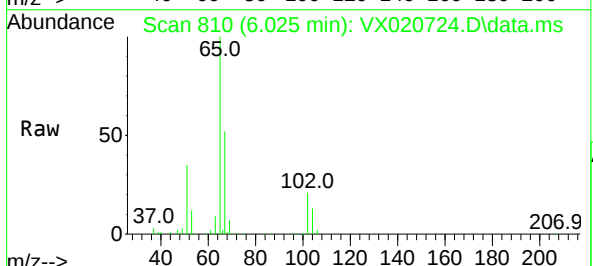
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MSVOA_X
ClientSampleId :



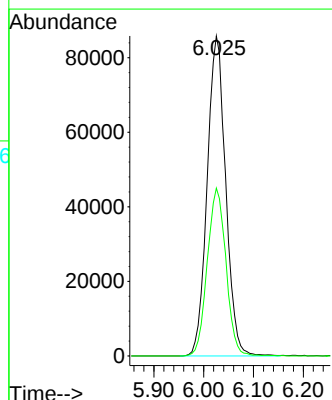
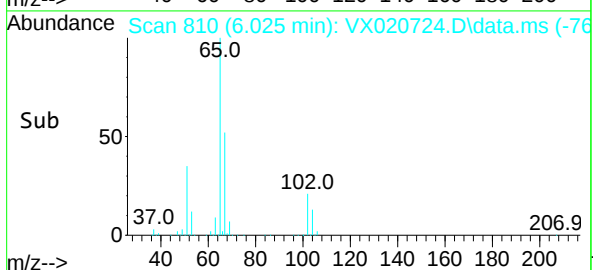
Tgt Ion: 56 Resp: 6902
Ion Ratio Lower Upper
56 100
69 148.5 25.3 37.9#
84 114.4 71.4 107.0#

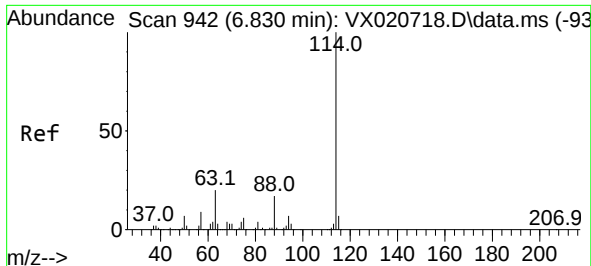


#33
1,2-Dichloroethane-d4
Concen: 49.95 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46



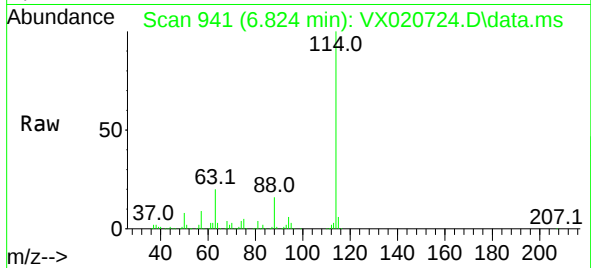
Tgt Ion: 65 Resp: 221353
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



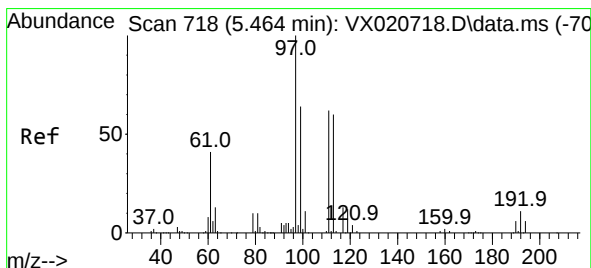
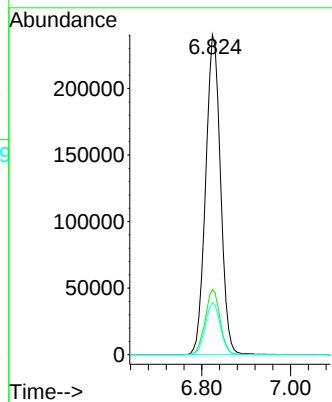
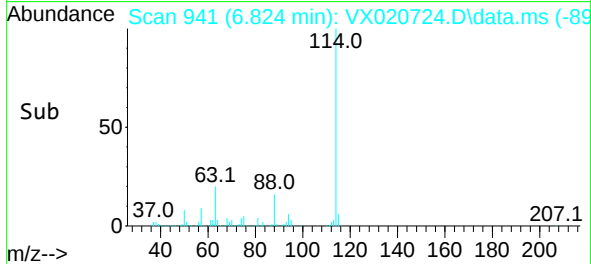


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

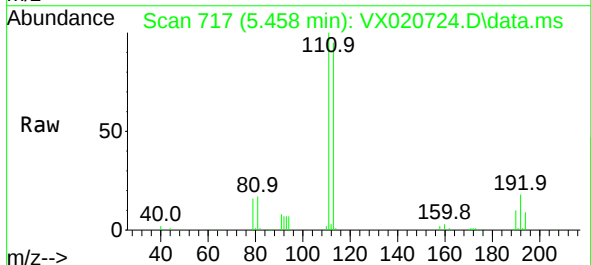
Instrument :
MSVOA_X
ClientSampleId :



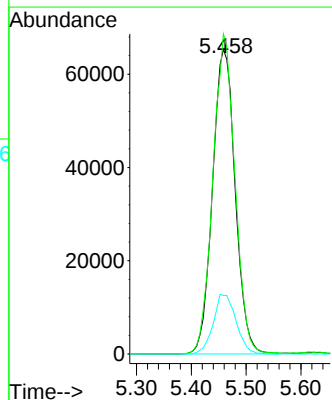
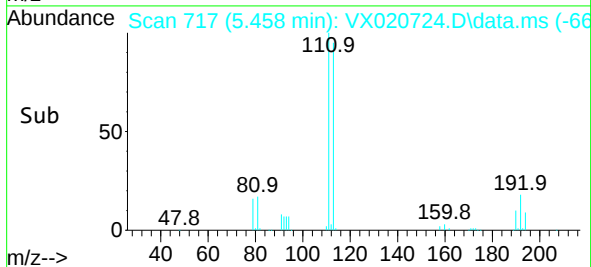
Tgt Ion:114 Resp: 561184
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.4 0.0 32.8

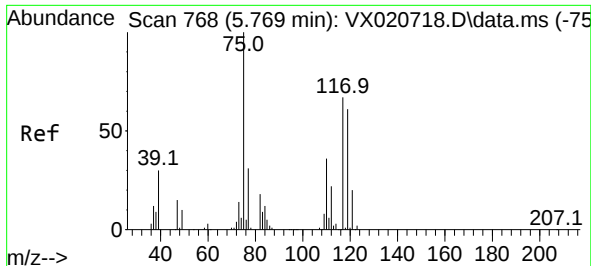


#35
Dibromofluoromethane
Concen: 48.80 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46



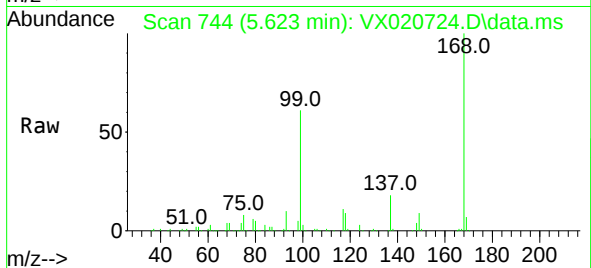
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Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.7 16.7 25.1



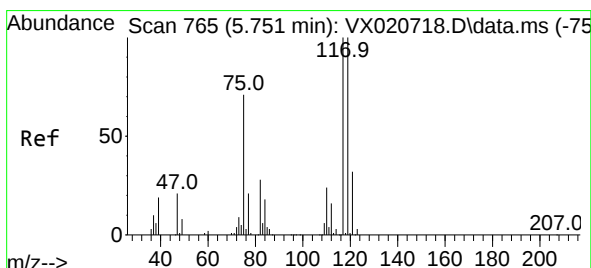
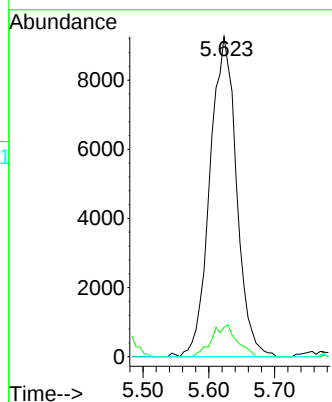
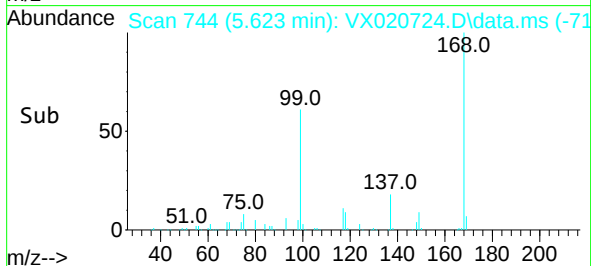


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

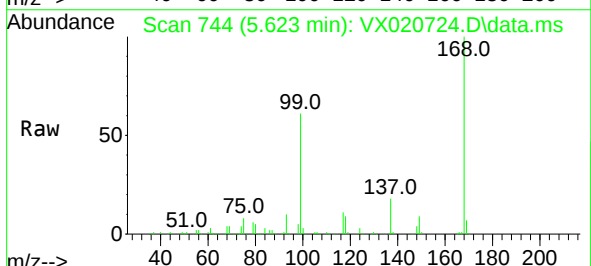
Instrument :
MSVOA_X
ClientSampleId :



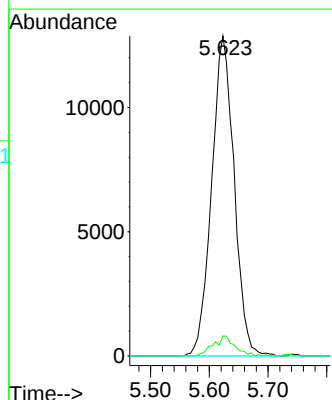
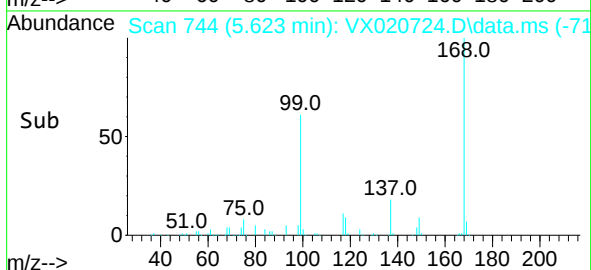
Tgt Ion: 75 Resp: 26021
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#

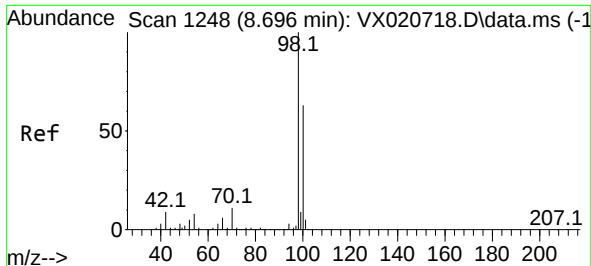


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46



Tgt Ion: 117 Resp: 34200
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

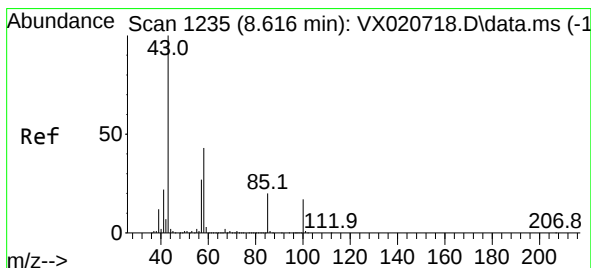
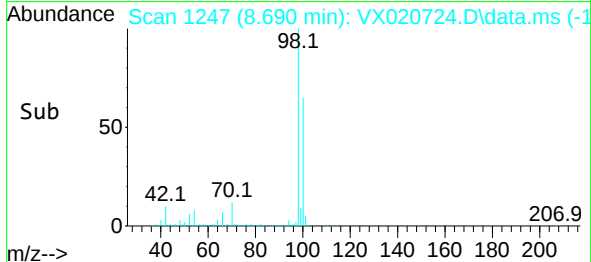
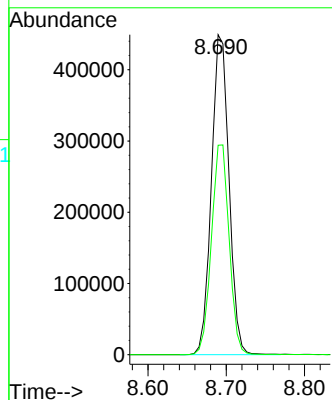
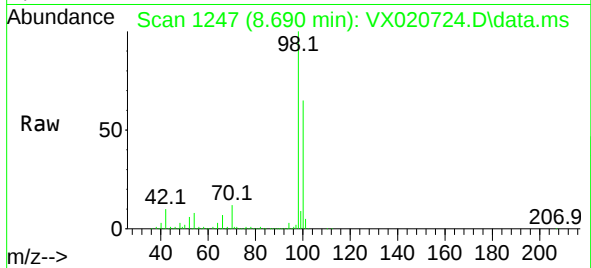




#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

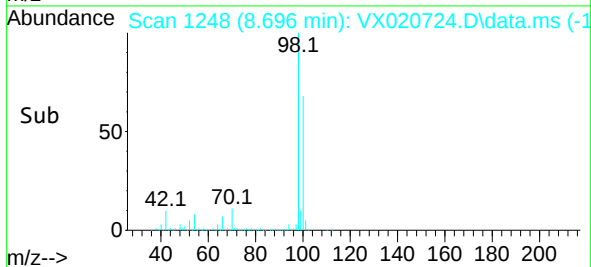
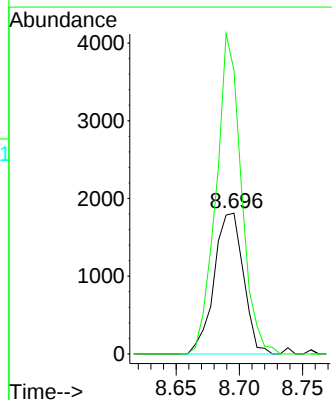
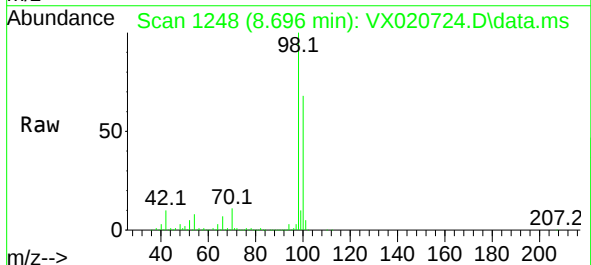
Instrument :
MSVOA_X
ClientSampleId :

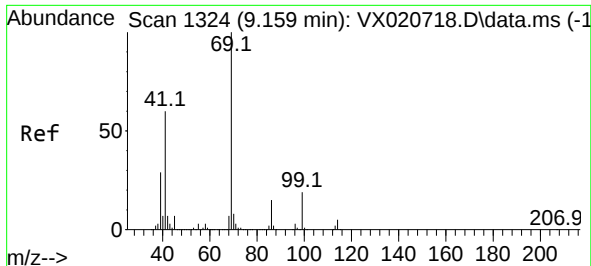
Tgt Ion: 98 Resp: 697951
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
58 195.5 35.4 53.0#

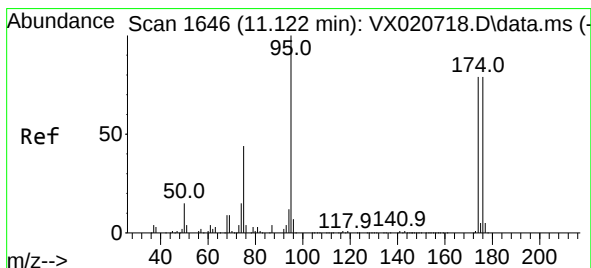
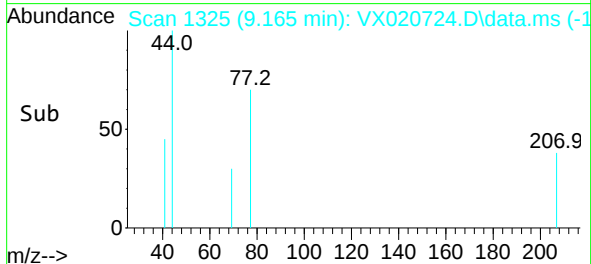
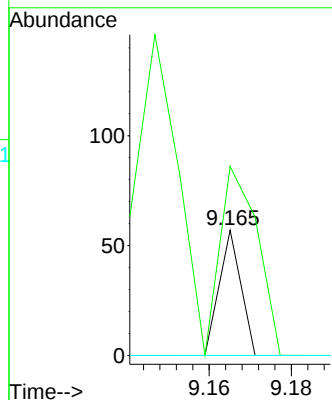
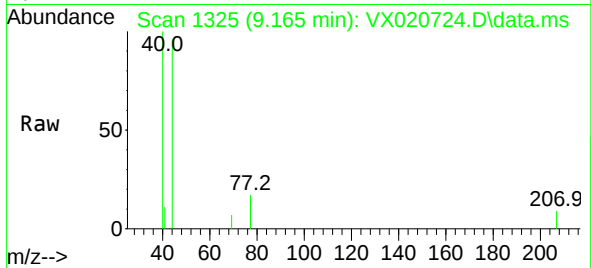




#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

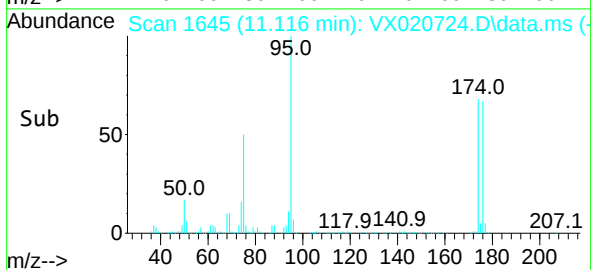
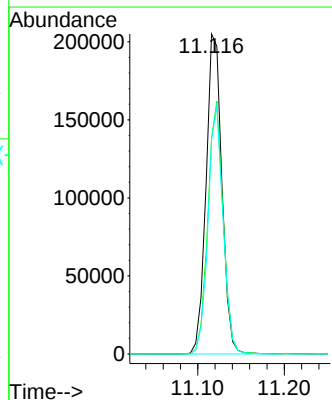
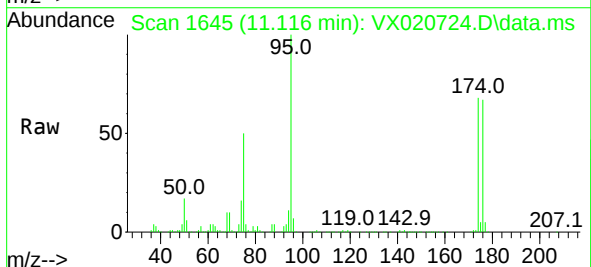
Instrument :
MSVOA_X
ClientSampled :

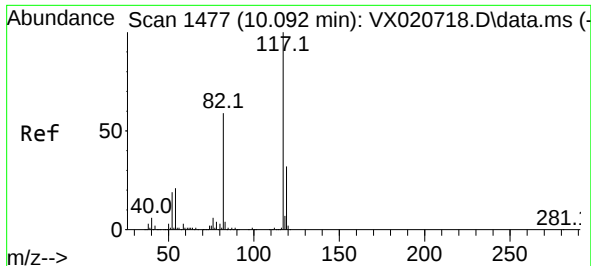
Tgt Ion: 69 Resp: 21
Ion Ratio Lower Upper
69 100
41 257.1 46.8 70.2#
39 0.0 24.7 37.1#



#62
4-Bromofluorobenzene
Concen: 47.53 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 95 Resp: 260129
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 73.6 0.0 155.8

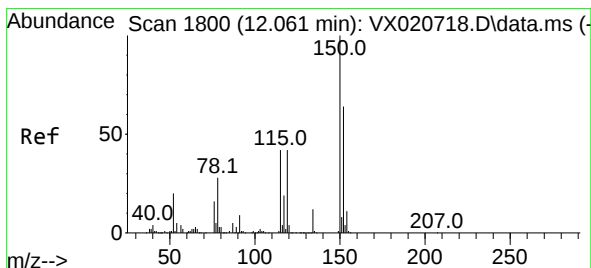
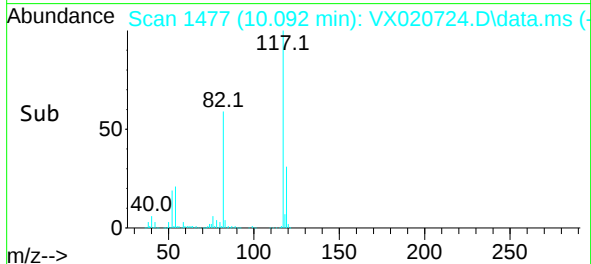
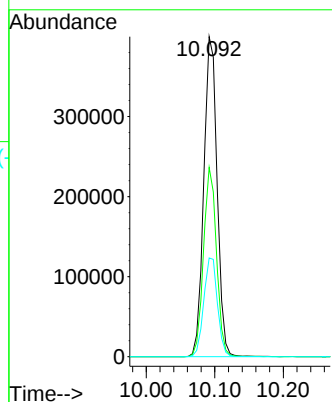
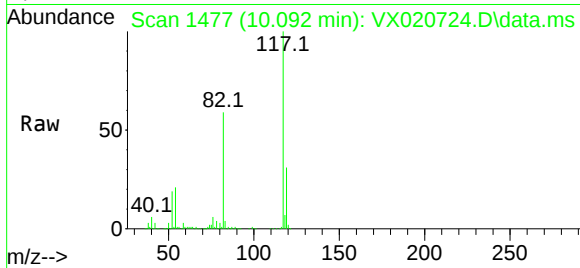




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

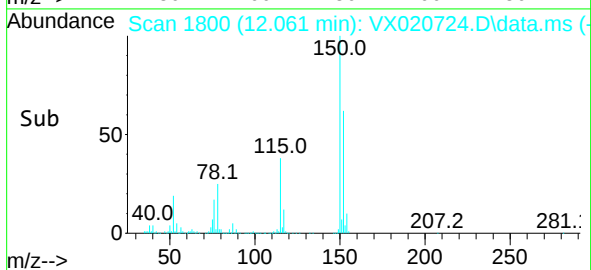
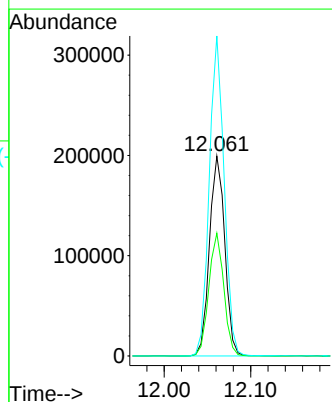
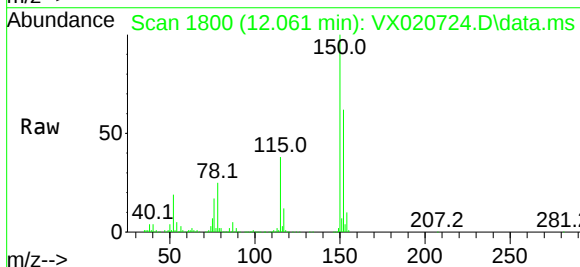
Instrument :
MSVOA_X
ClientSampleId :

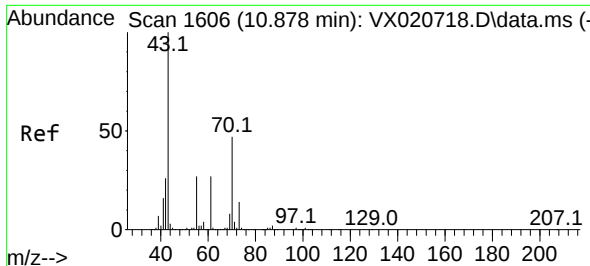
Tgt Ion:117 Resp: 541531
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

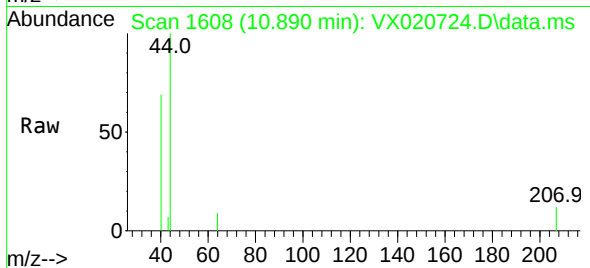
Tgt Ion:152 Resp: 245336
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 155.1 0.0 349.0



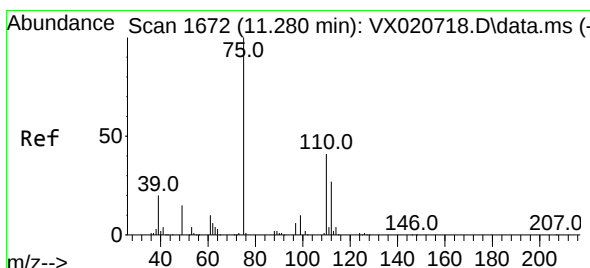
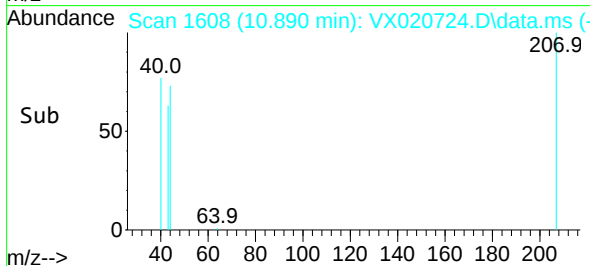
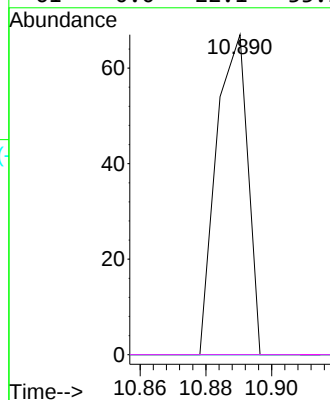


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :

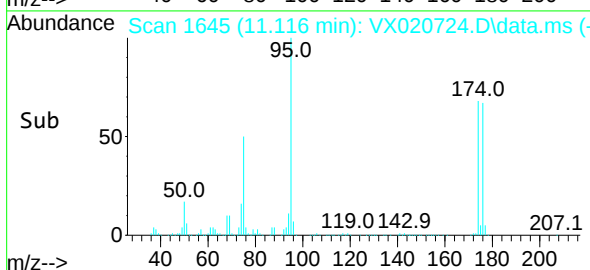
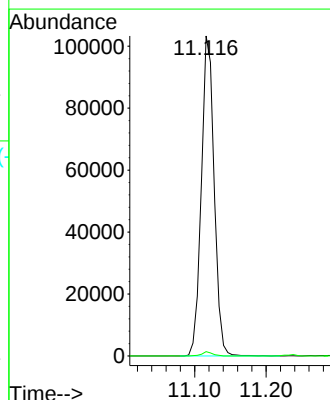
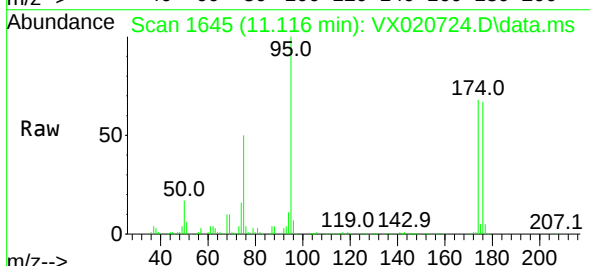


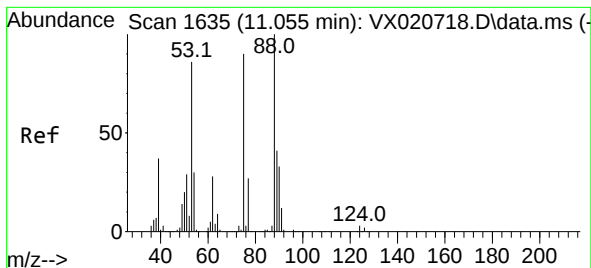
Tgt Ion: 43	Resp: 44
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.61 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 75	Resp: 128632
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#

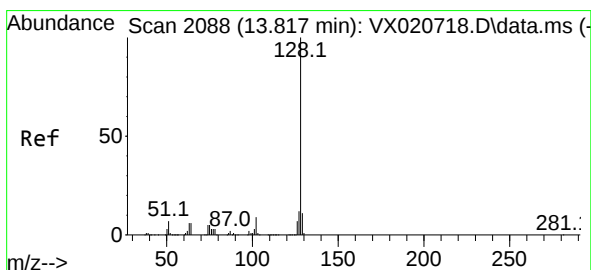
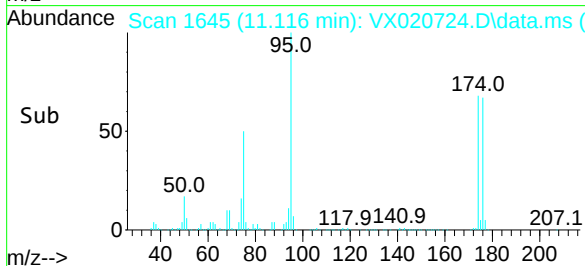
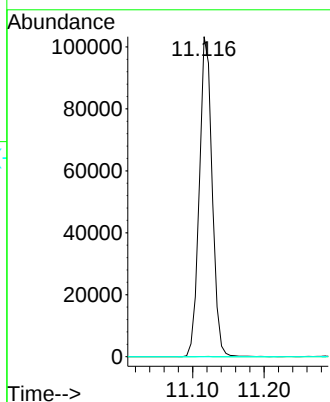
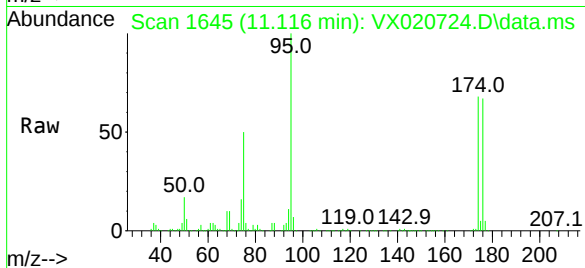




#81
trans-1,4-Dichloro-2-butene
Concen: 63.35 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 128632
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.92 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020724.D
Acq: 25 Jan 2021 14:46

Tgt Ion: 128 Resp: 937
Ion Ratio Lower Upper
128 100
127 5.3 10.3 15.5#
129 5.5 8.8 13.2#

