

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020865.D
 Acq On : 05 Feb 2021 12:05
 Operator : JC/MD
 Sample : VX0205WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 01:03:07 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

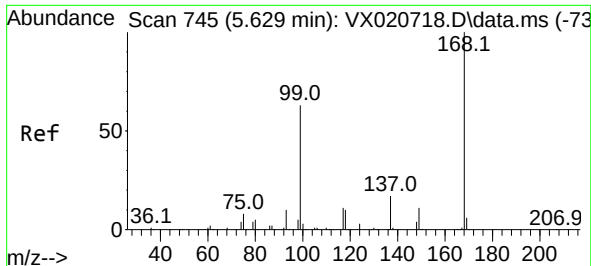
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	274782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	464310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	444976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	185991	49.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.24%		
35) Dibromofluoromethane	5.464	113	162436	51.07	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.14%		
50) Toluene-d8	8.696	98	572354	49.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.18%		
62) 4-Bromofluorobenzene	11.122	95	199136	43.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	68	1.21	ug/l #	42
10) Methyl Iodide	2.489	142	832	0.22	ug/l #	88
11) Tert butyl alcohol	2.989	59	1711	2.45	ug/l #	73
13) Acrolein	2.300	56	160	0.30	ug/l #	76
16) Acetone	2.422	43	1498	1.05	ug/l	89
17) Carbon Disulfide	2.550	76	1515	1.08	ug/l #	85
20) Methylene Chloride	2.837	84	812	0.23	ug/l #	81
31) Cyclohexane	5.617	56	5041	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21500	4.61	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28352	5.79	ug/l #	17
51) 4-Methyl-2-Pentanone	8.689	43	1938	0.44	ug/l #	1
74) N-amyl acetate	10.890	43	27	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	96877	21.85	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	96877	61.22	ug/l #	12
95) Naphthalene	13.810	128	657	2.91	ug/l #	69

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

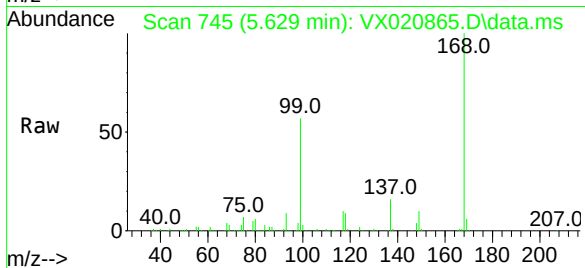
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Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration



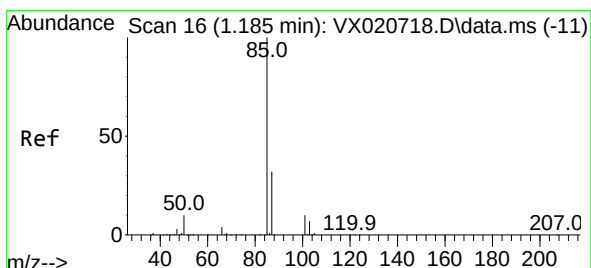
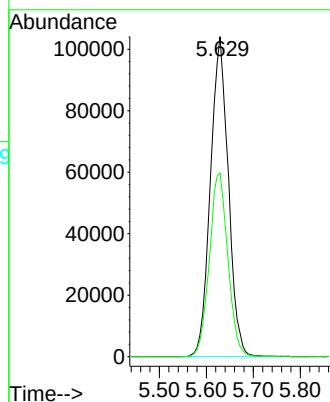
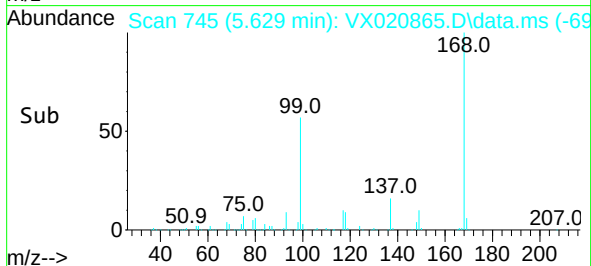


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

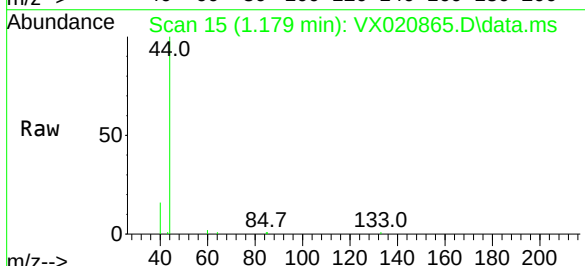
Instrument :
MSVOA_X
ClientSampled :



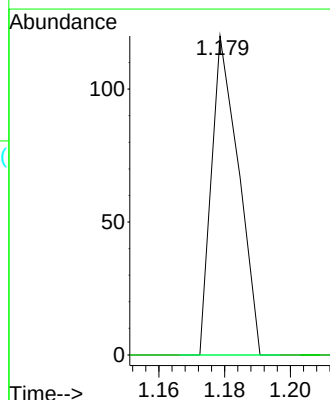
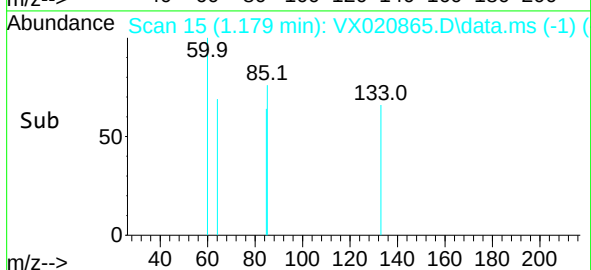
Tgt Ion:168 Resp: 274782
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6

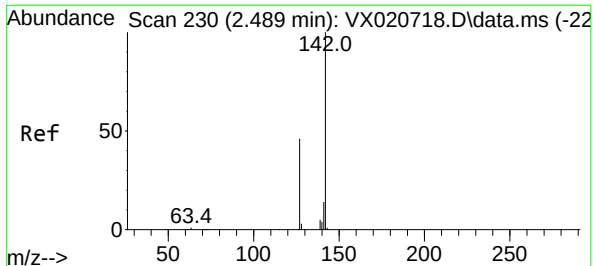


#2
Dichlorodifluoromethane
Concen: 1.21 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05



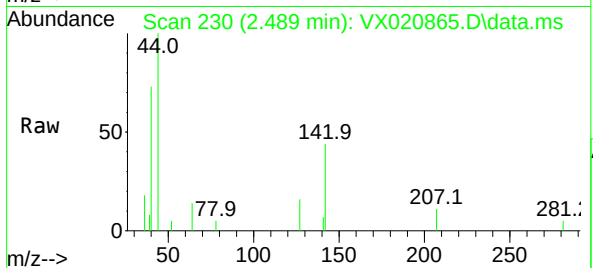
Tgt Ion: 85 Resp: 68
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#



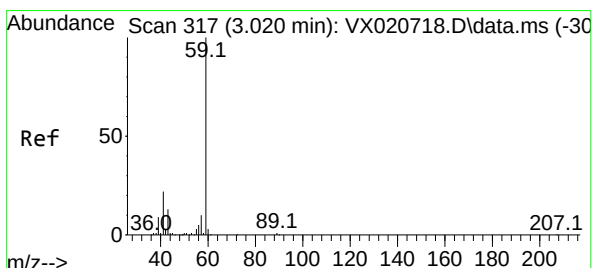
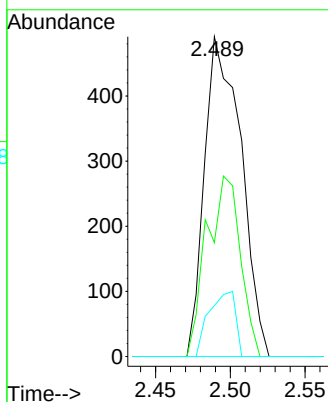
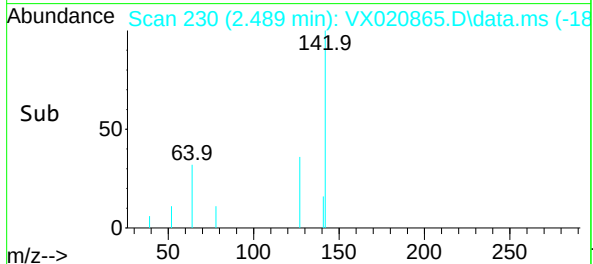


#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

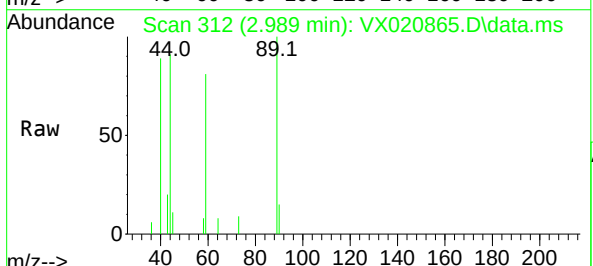
Instrument :
MSVOA_X
ClientSampled :



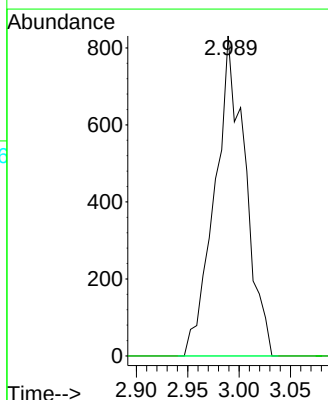
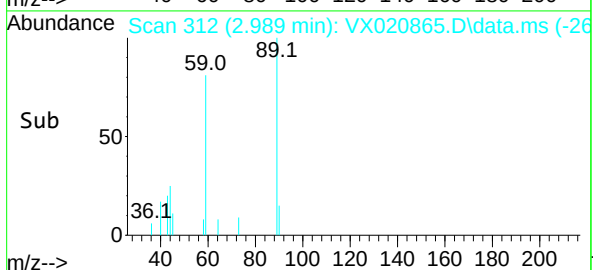
Tgt Ion:142 Resp: 832
Ion Ratio Lower Upper
142 100
127 51.8 33.3 49.9#
141 14.8 11.4 17.0

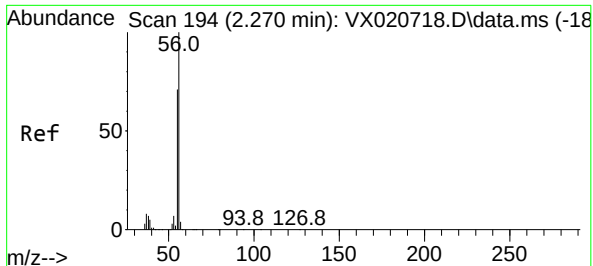


#11
Tert butyl alcohol
Concen: 2.45 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05



Tgt Ion: 59 Resp: 1711
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

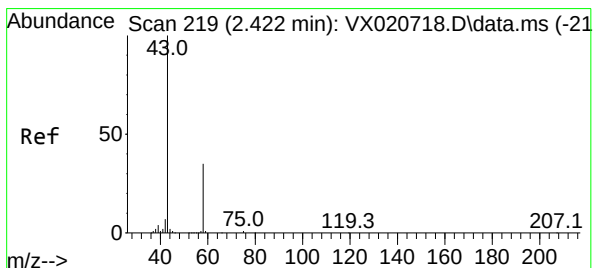
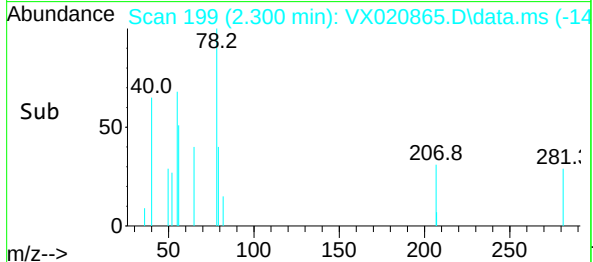
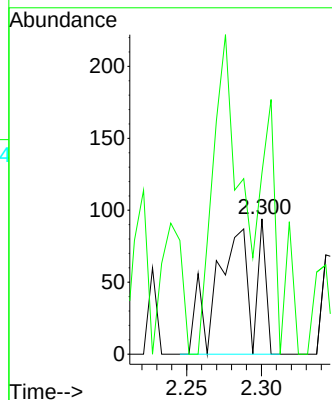
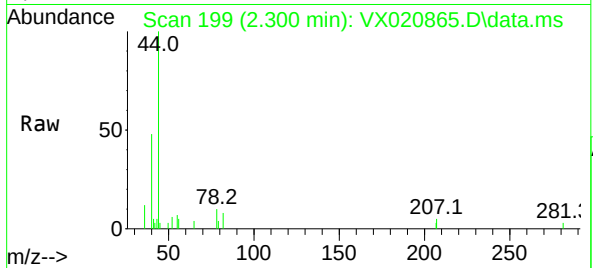




#13
Acrolein
Concen: 0.30 ug/l
RT: 2.300 min Scan# 199
Delta R.T. 0.030 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

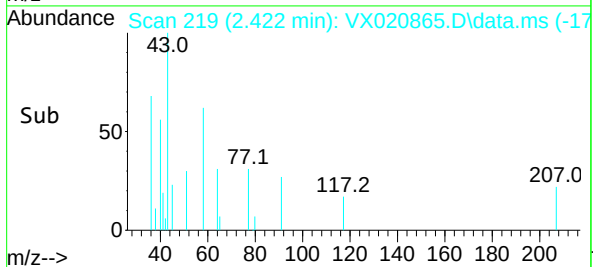
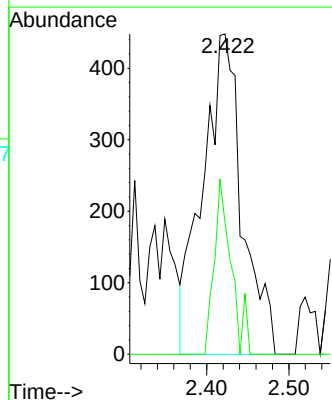
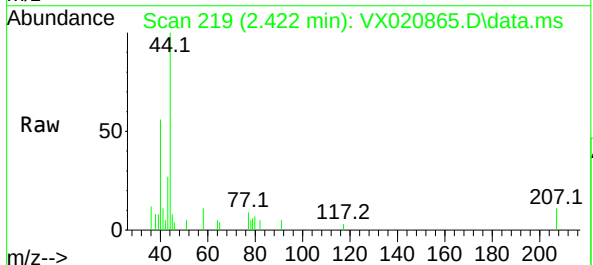
Instrument :
MSVOA_X
ClientSampled :

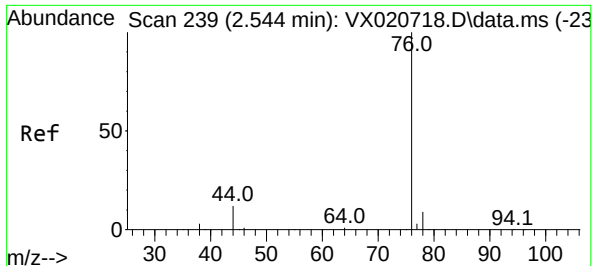
Tgt Ion: 56 Resp: 160
Ion Ratio Lower Upper
56 100
55 90.0 56.4 84.6#



#16
Acetone
Concen: 1.05 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 41.1 27.8 41.8

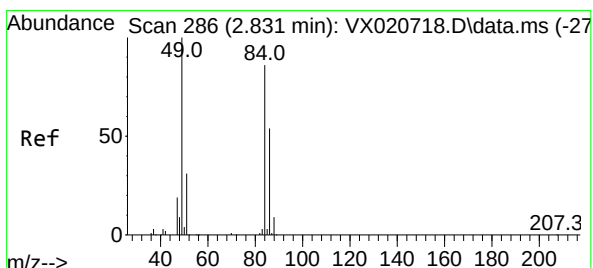
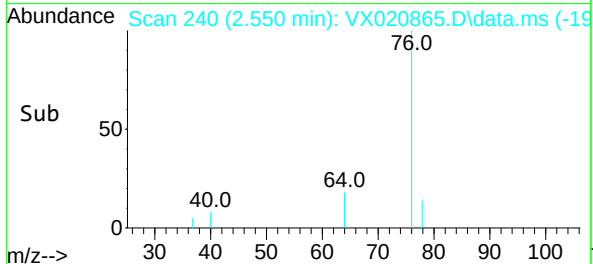
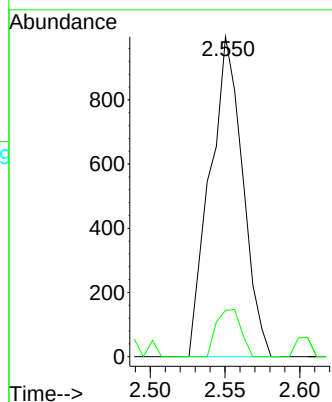
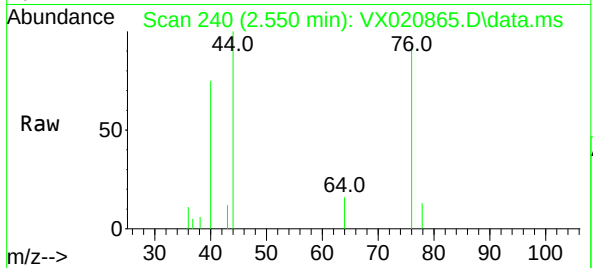




#17
Carbon Disulfide
Concen: 1.08 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

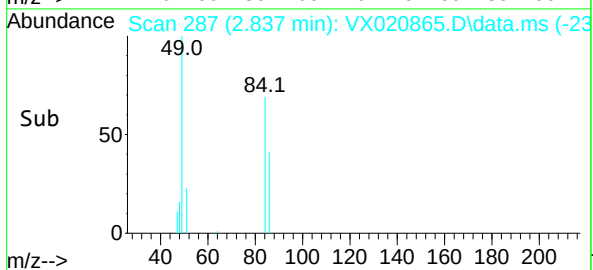
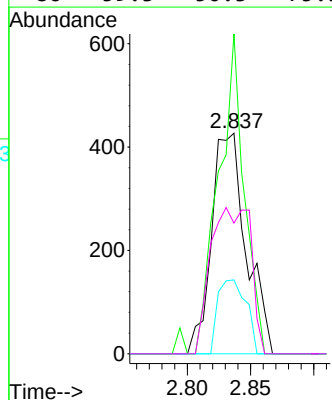
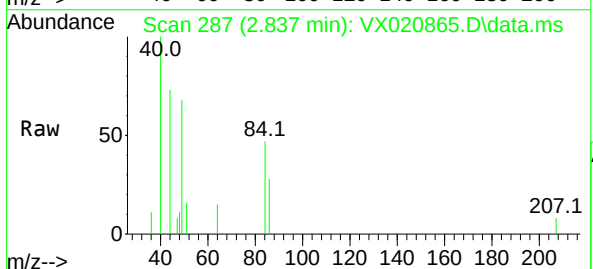
Instrument :
MSVOA_X
ClientSampled :

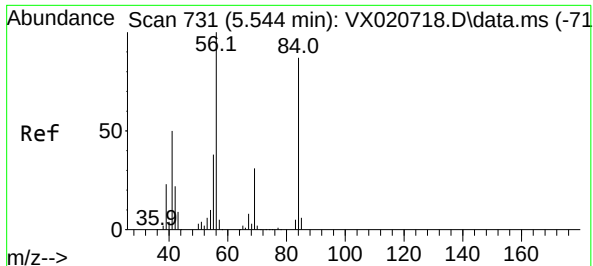
Tgt Ion: 76 Resp: 1515
Ion Ratio Lower Upper
76 100
78 14.4 7.2 10.8#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

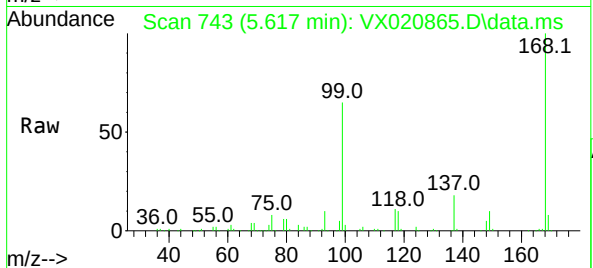
Tgt Ion: 84 Resp: 812
Ion Ratio Lower Upper
84 100
49 145.0 88.6 132.8#
51 33.5 27.0 40.6
86 59.3 50.3 75.5



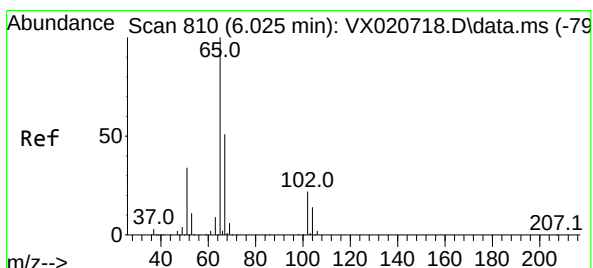
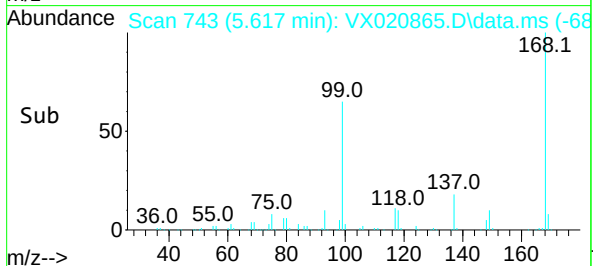
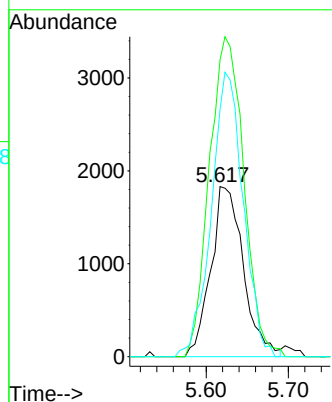


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Instrument :
MSVOA_X
ClientSampleId :

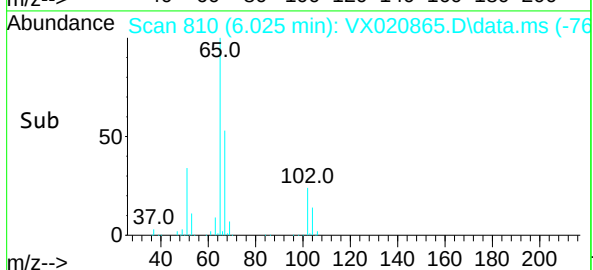
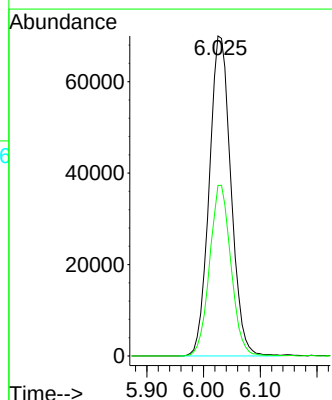
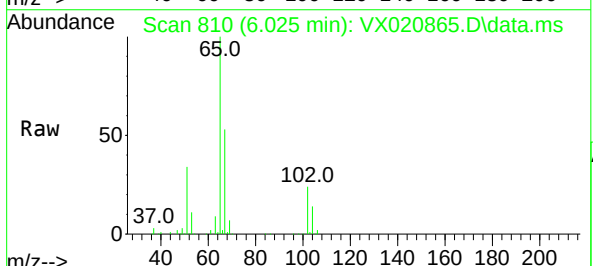


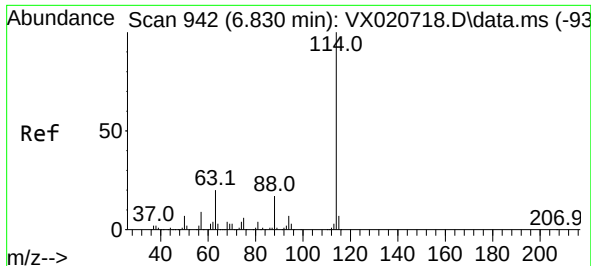
Tgt Ion: 56 Resp: 5041
Ion Ratio Lower Upper
56 100
69 174.5 25.3 37.9#
84 145.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.62 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Tgt Ion: 65 Resp: 185991
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

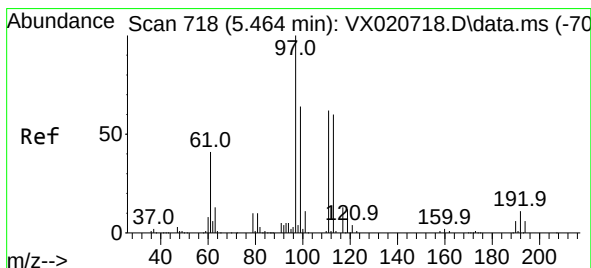
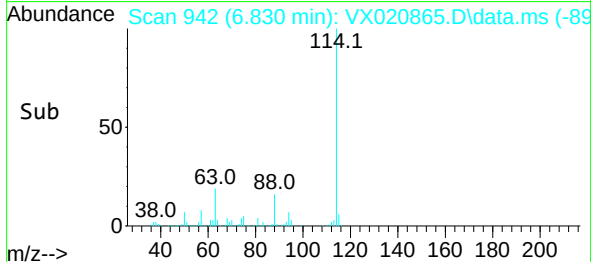
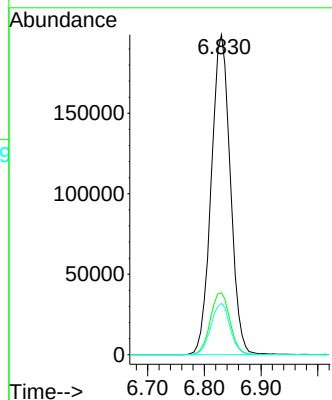
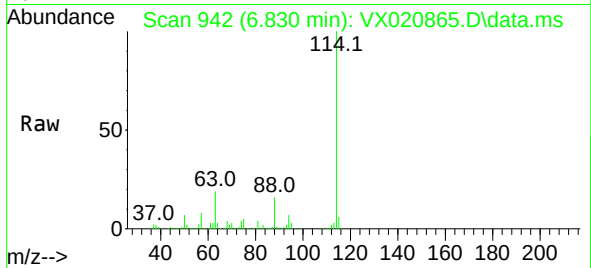




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

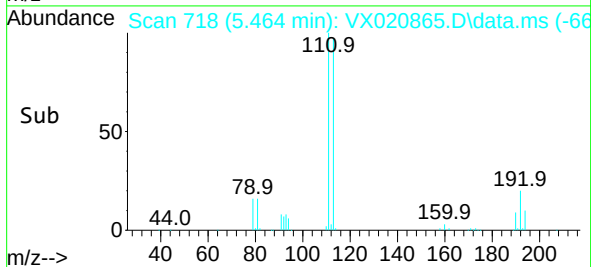
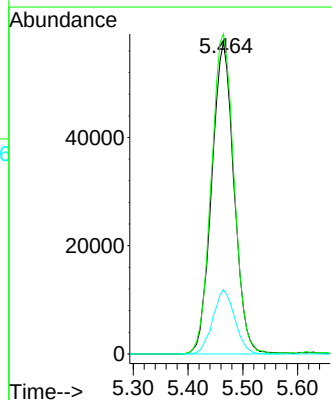
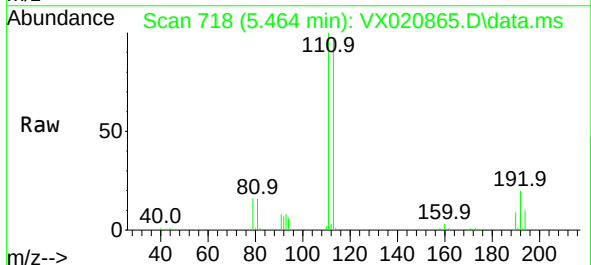
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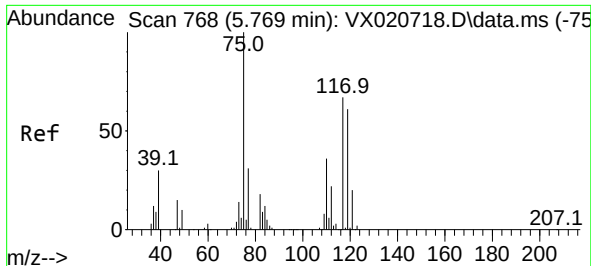
Tgt Ion:114 Resp: 464310
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.07 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

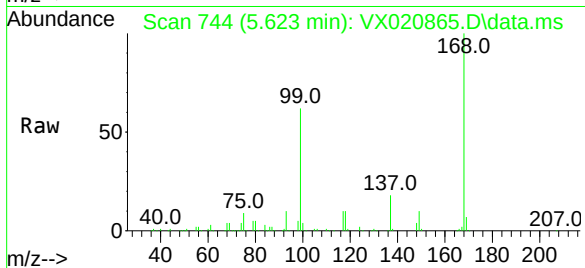
Tgt Ion:113 Resp: 162436
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 20.2 16.7 25.1



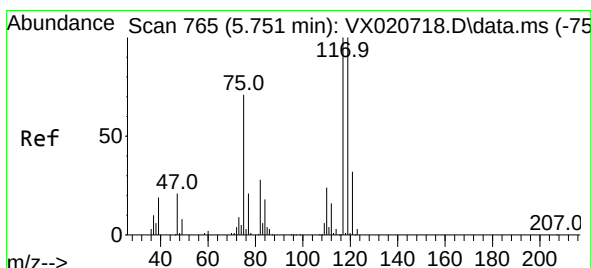
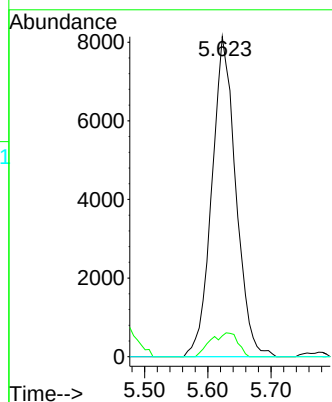
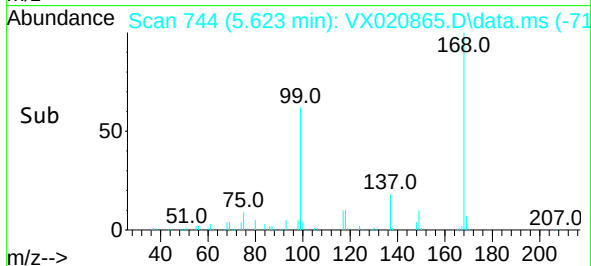


#36
 1,1-Dichloropropene
 Concen: 4.61 ug/l
 RT: 5.623 min Scan# 744
 Delta R.T. -0.146 min
 Lab File: VX020865.D
 Acq: 05 Feb 2021 12:05

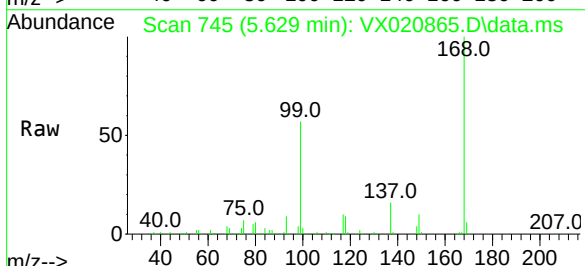
Instrument :
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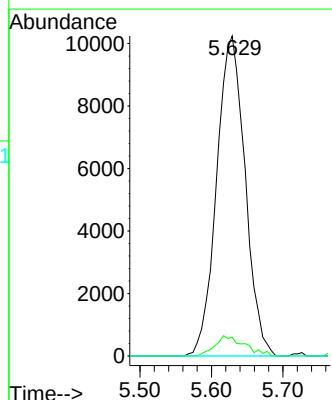
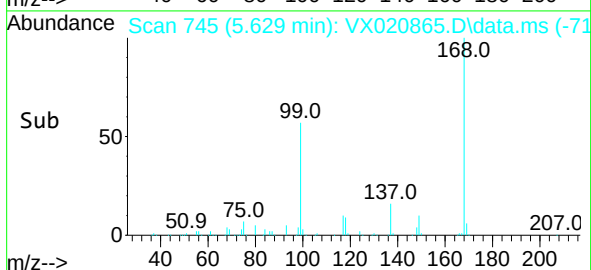
Tgt Ion: 75 Resp: 21500
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.1 54.4#
 77 0.0 25.3 37.9#

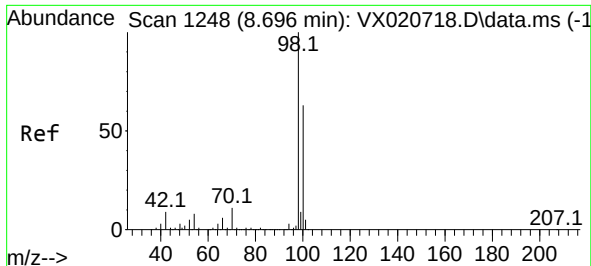


#38
 Carbon Tetrachloride
 Concen: 5.79 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. -0.122 min
 Lab File: VX020865.D
 Acq: 05 Feb 2021 12:05



Tgt Ion: 117 Resp: 28352
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.2 114.2#
 121 0.0 24.8 37.2#

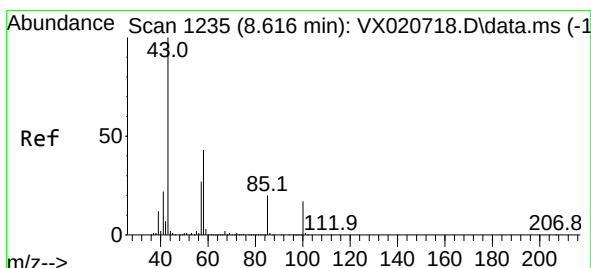
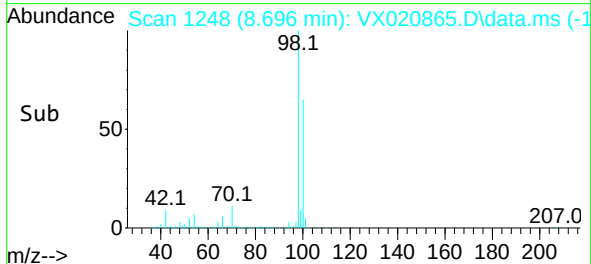
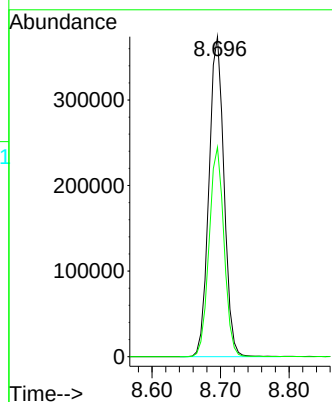
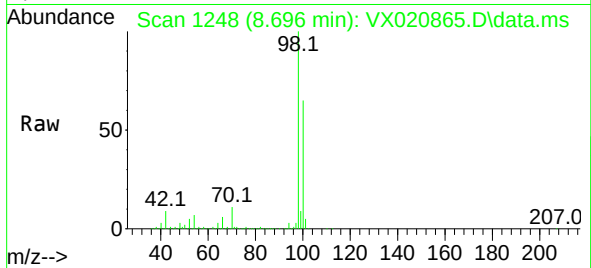




#50
Toluene-d8
Concen: 49.09 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

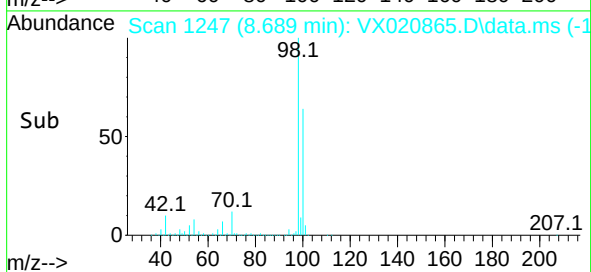
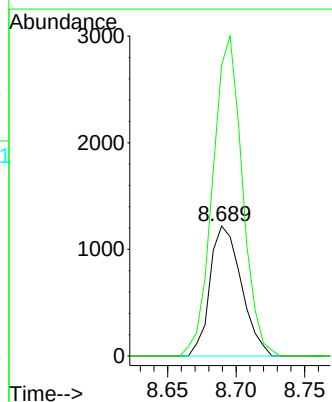
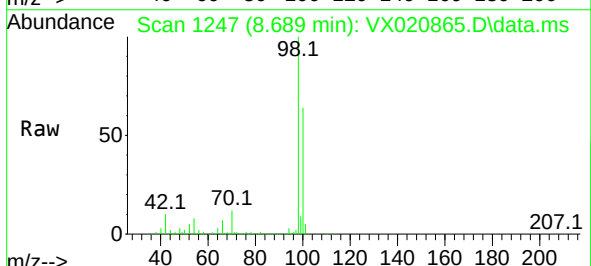
Instrument :
MSVOA_X
ClientSampled :

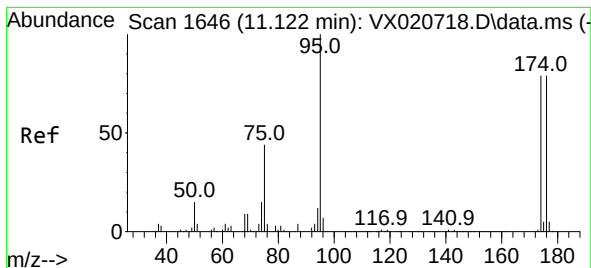
Tgt Ion: 98 Resp: 572354
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Tgt Ion: 43 Resp: 1938
Ion Ratio Lower Upper
43 100
58 233.0 35.4 53.0#

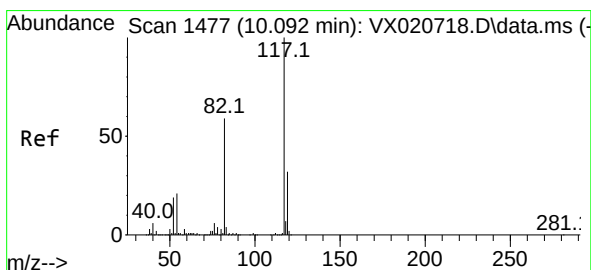
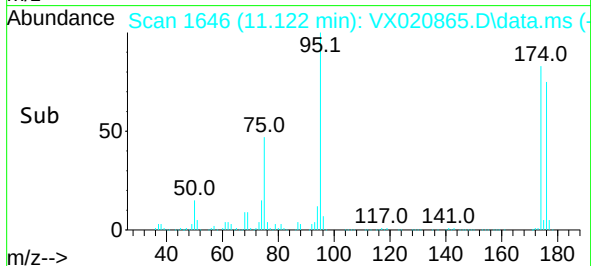
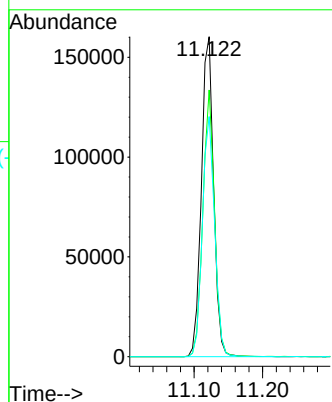
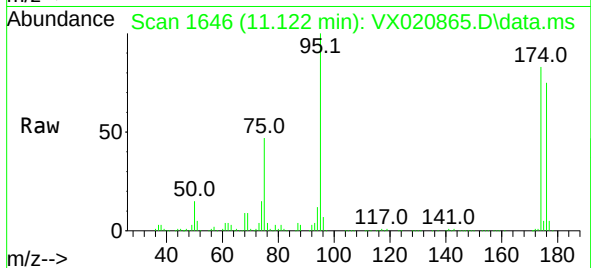




#62
4-Bromofluorobenzene
Concen: 43.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

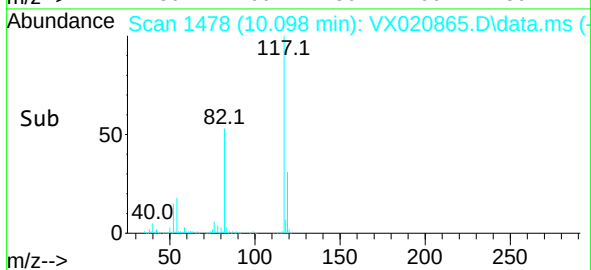
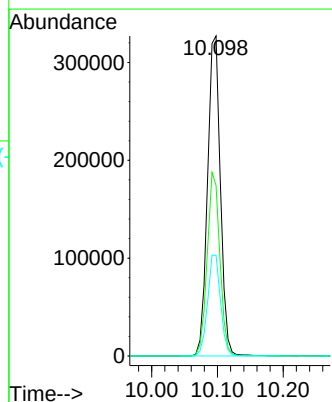
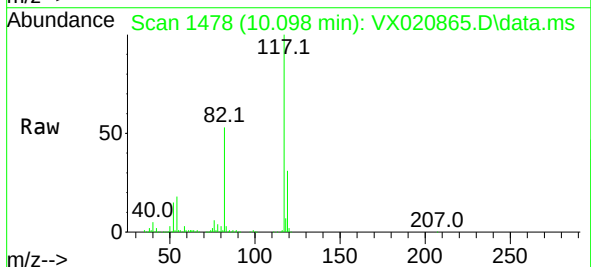
Instrument :
MSVOA_X
ClientSampled :

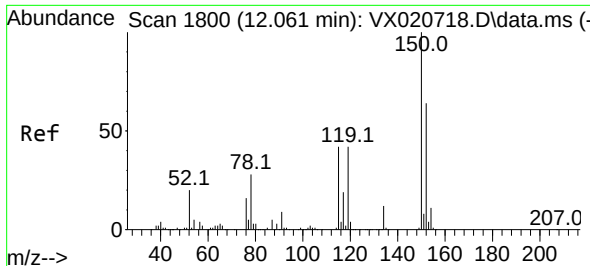
Tgt Ion: 95 Resp: 199136
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Tgt Ion: 117 Resp: 444976
Ion Ratio Lower Upper
117 100
82 53.3 47.4 71.2
119 31.5 26.6 39.8

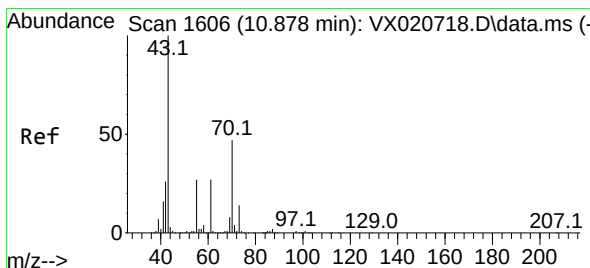
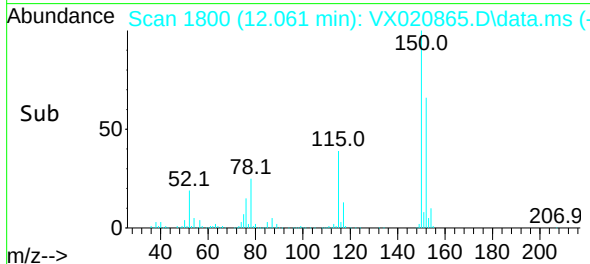
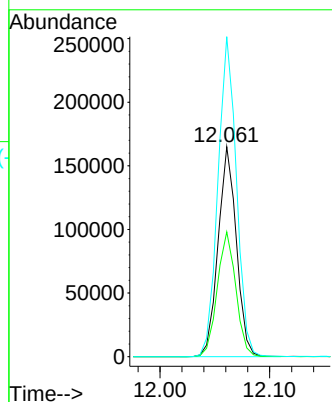
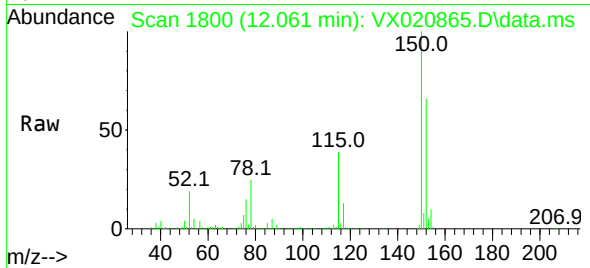




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

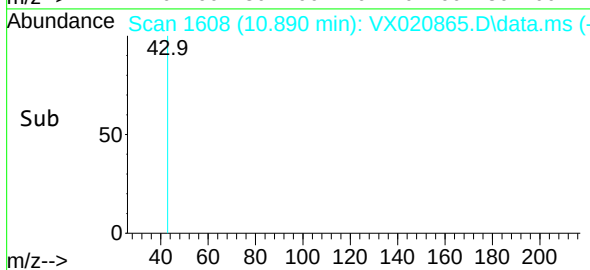
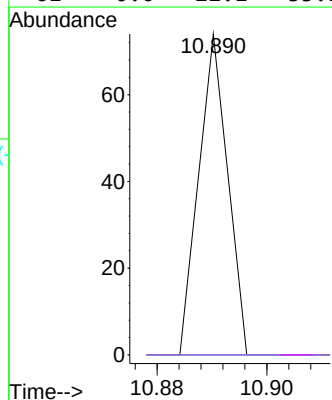
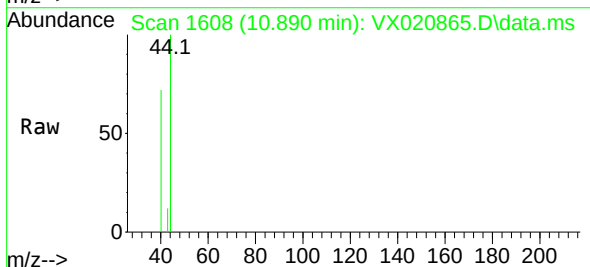
Instrument :
MSVOA_X
ClientSampleId :

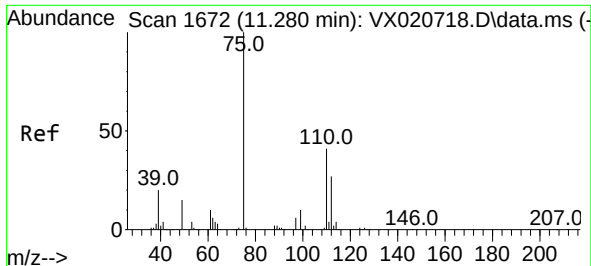
Tgt Ion:152 Resp: 191209
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 154.3 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Tgt Ion: 43 Resp: 27
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#

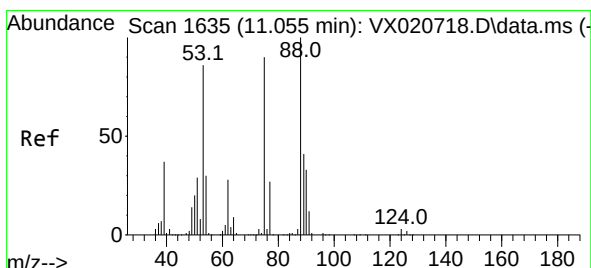
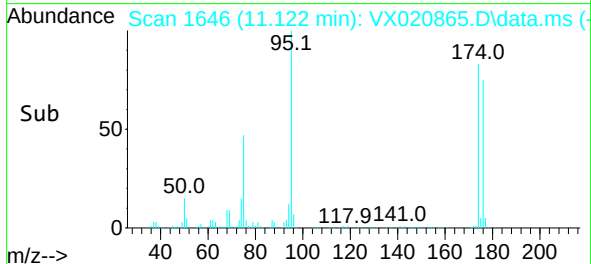
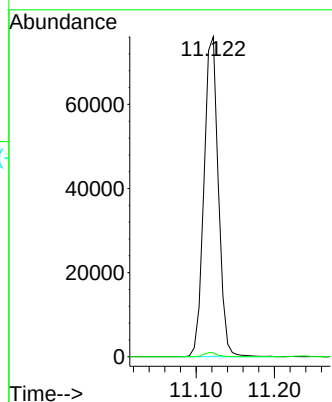
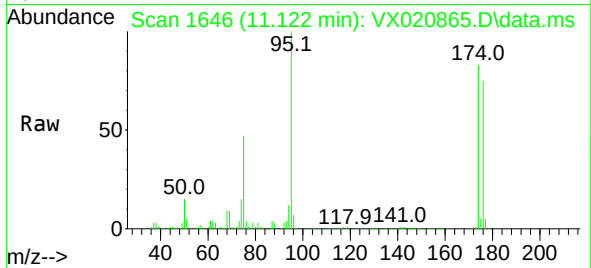




#76
1,2,3-Trichloropropane
Concen: 21.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

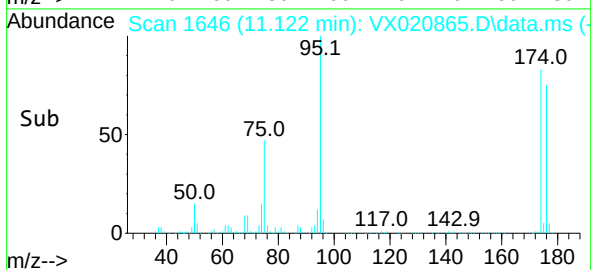
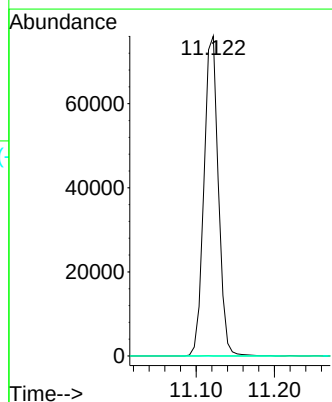
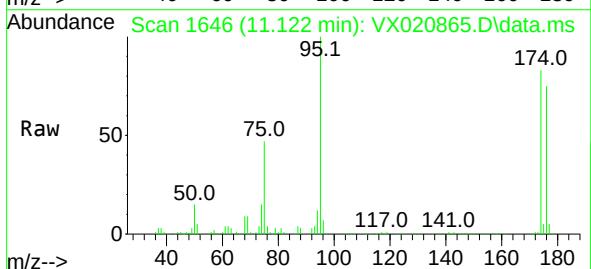
Instrument :
MSVOA_X
ClientSampled :

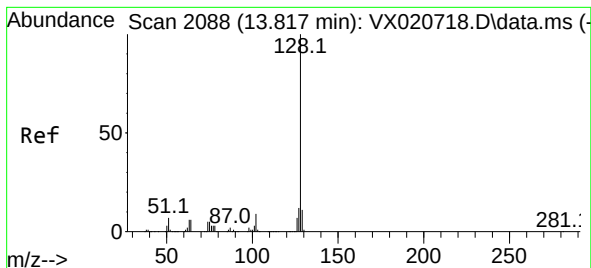
Tgt Ion: 75 Resp: 96877
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.22 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Tgt Ion: 75 Resp: 96877
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.91 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020865.D
Acq: 05 Feb 2021 12:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 657
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

