

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020870.D
 Acq On : 05 Feb 2021 14:23
 Operator : JC/MD
 Sample : M1329-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 01:05:40 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)

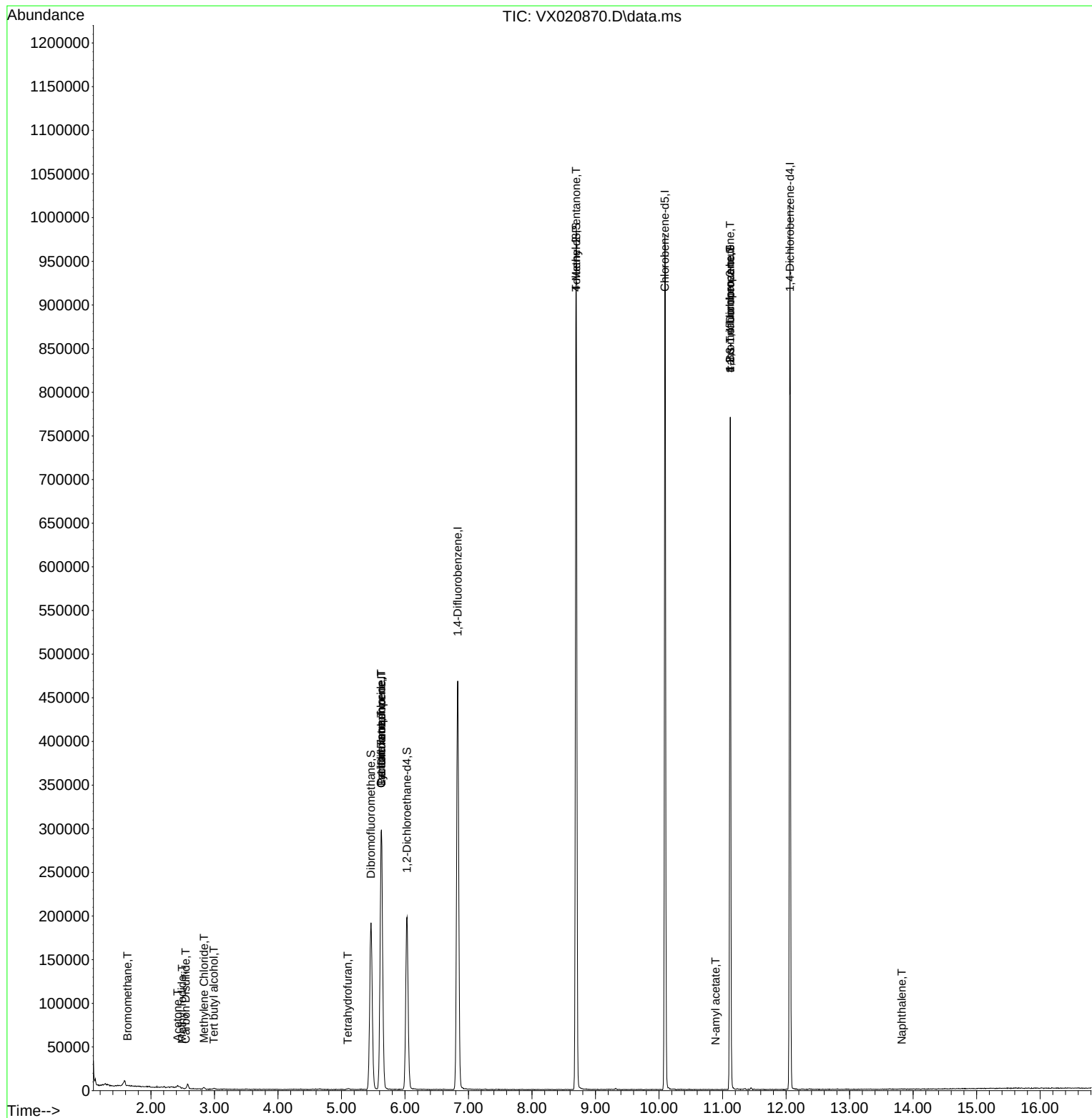
Internal Standards						
1) Pentafluorobenzene	5.629	168	279306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	477084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	463645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	209248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	191746	50.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.66%			
35) Dibromofluoromethane	5.464	113	168533	51.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.14%			
50) Toluene-d8	8.696	98	596430	49.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.56%			
62) 4-Bromofluorobenzene	11.122	95	207985	44.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.40%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	539	0.29	ug/l	99
10) Methyl Iodide	2.489	142	770	0.20	ug/l #	88
11) Tert butyl alcohol	2.989	59	750	1.05	ug/l #	73
16) Acetone	2.416	43	2036	1.41	ug/l	96
17) Carbon Disulfide	2.544	76	880	1.00	ug/l #	84
20) Methylene Chloride	2.837	84	946	0.26	ug/l	87
29) Tetrahydrofuran	5.099	42	731	0.50	ug/l #	33
31) Cyclohexane	5.623	56	5043	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20746	4.33	ug/l #	49
38) Carbon Tetrachloride	5.623	117	28907	5.74	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2174	0.48	ug/l #	1
74) N-amyl acetate	10.890	43	21	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	103266	21.28	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	103266	59.63	ug/l #	12
95) Naphthalene	13.823	128	356	2.89	ug/l #	69

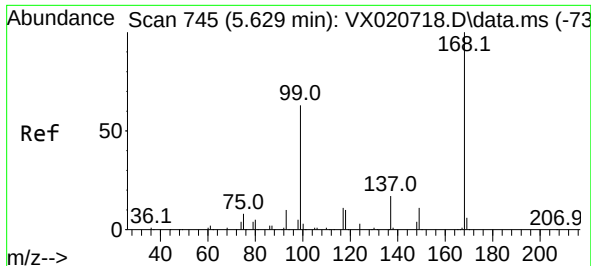
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
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Sample : M1329-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

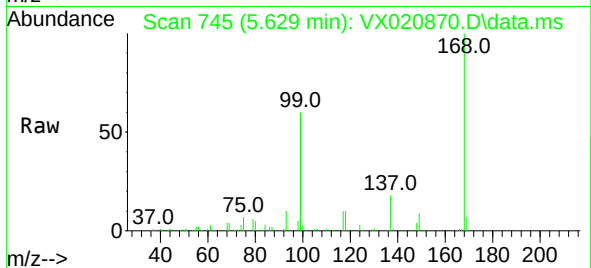
Quant Time: Feb 06 01:05:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration



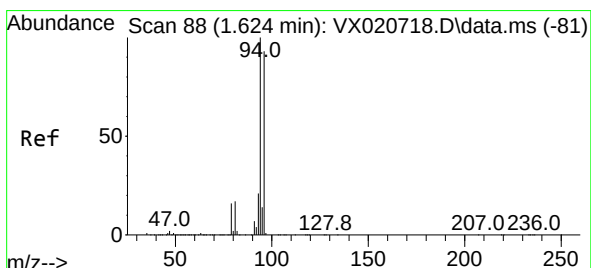
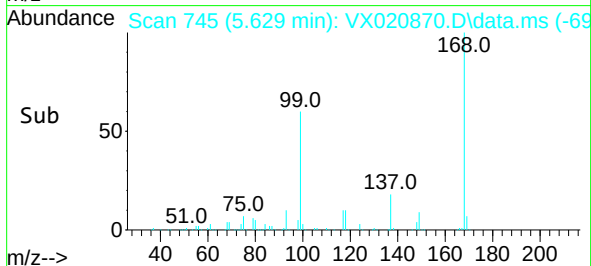
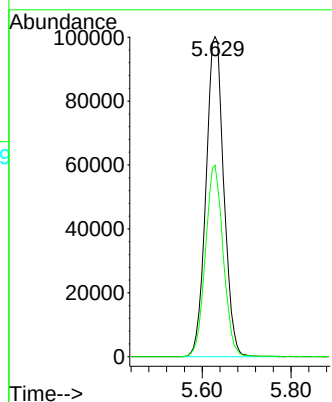


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

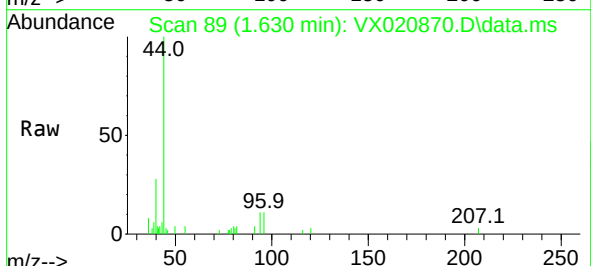
Instrument :
MSVOA_X
ClientSampleId :



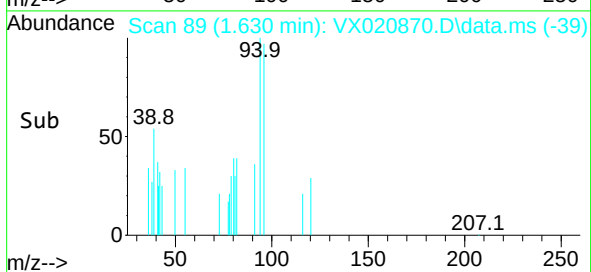
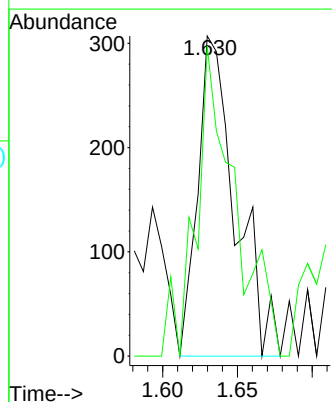
Tgt Ion:168 Resp: 279306
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6

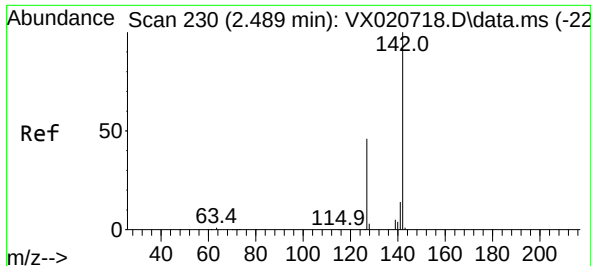


#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23



Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 96.7 76.4 114.6

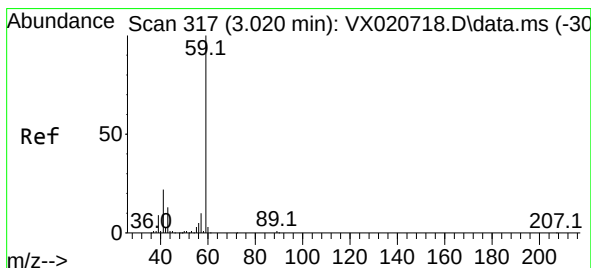
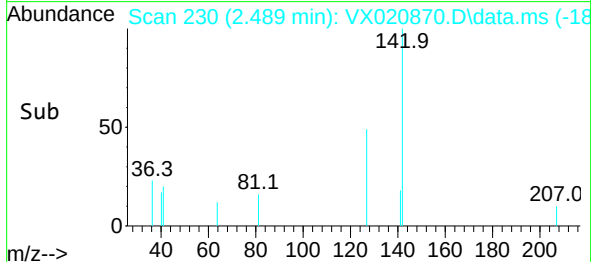
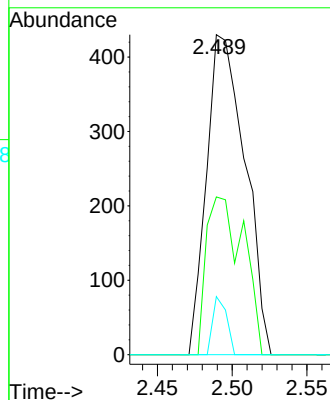
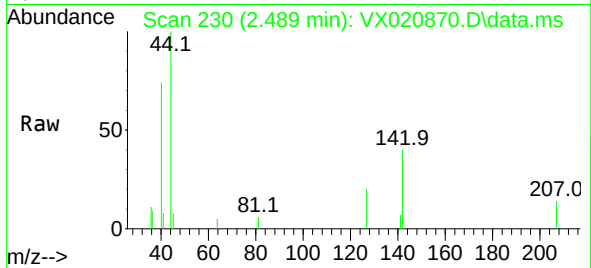




#10
Methyl Iodide
Concen: 0.20 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

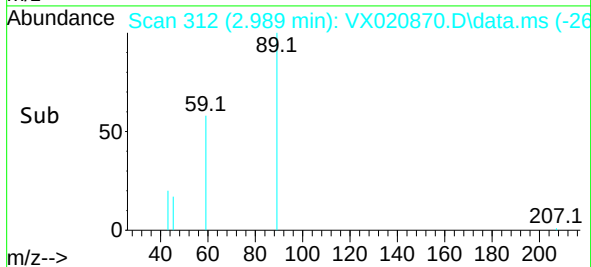
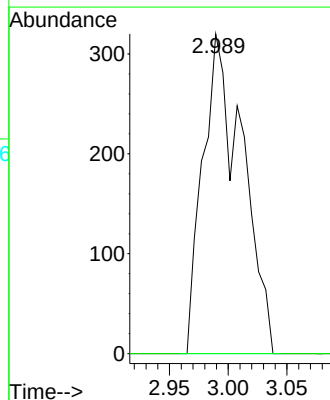
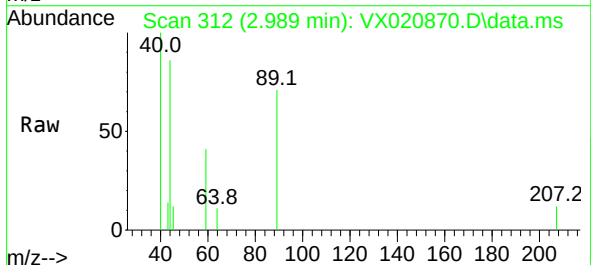
Instrument :
MSVOA_X
ClientSampled :

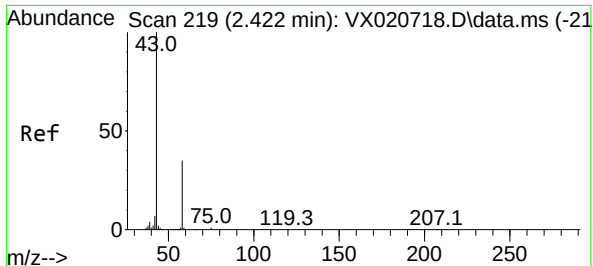
Tgt Ion:142 Resp: 770
Ion Ratio Lower Upper
142 100
127 47.4 33.3 49.9
141 6.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.05 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Tgt Ion: 59 Resp: 750
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

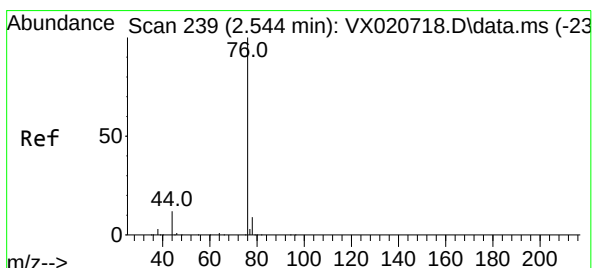
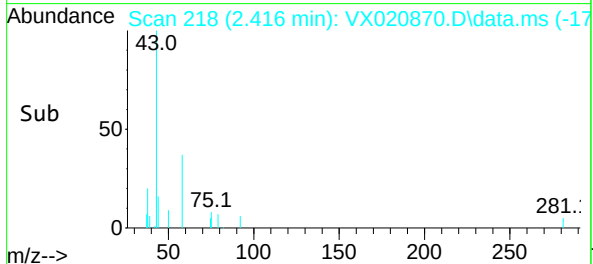
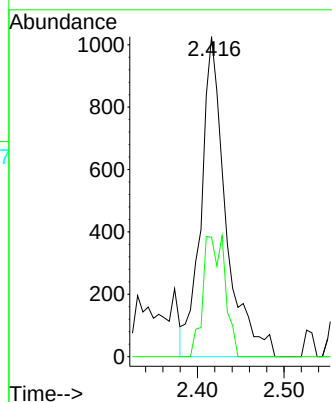
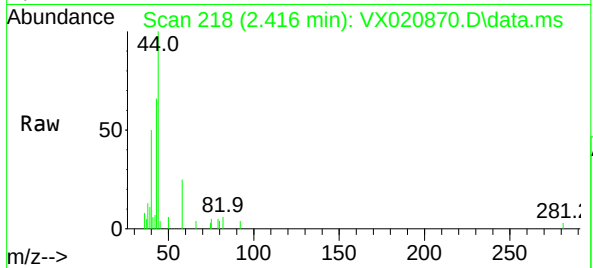




#16
Acetone
Concen: 1.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

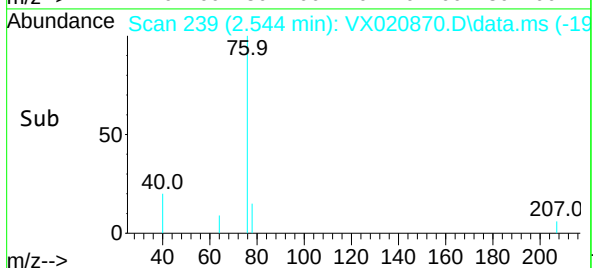
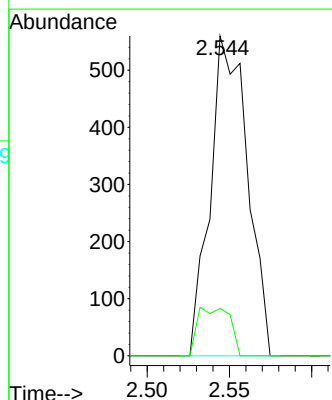
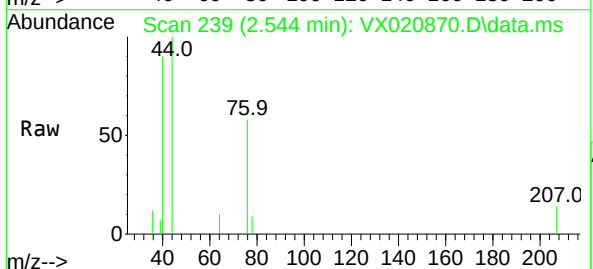
Instrument :
MSVOA_X
ClientSampled :

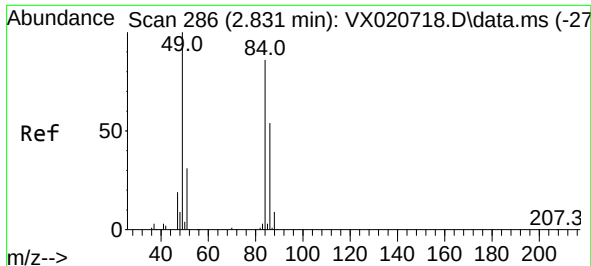
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
58 37.3 27.8 41.8



#17
Carbon Disulfide
Concen: 1.00 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

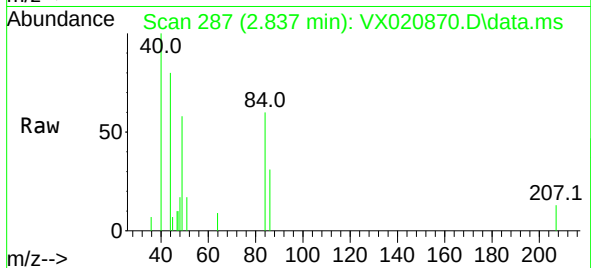
Tgt Ion: 76 Resp: 880
Ion Ratio Lower Upper
76 100
78 14.8 7.2 10.8#





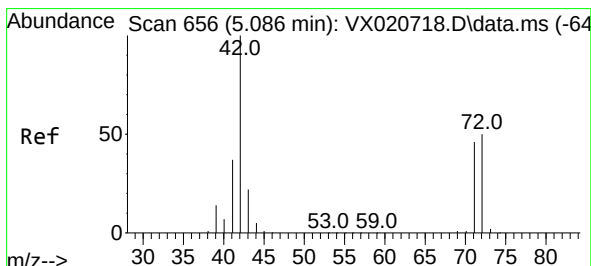
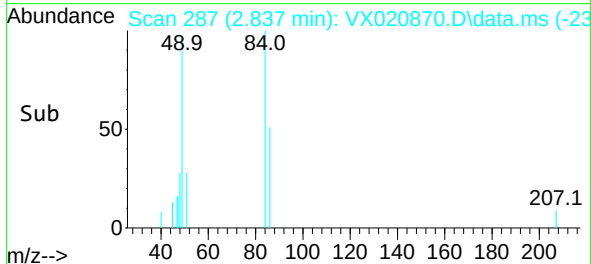
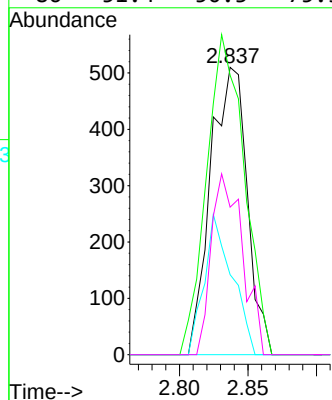
#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 946

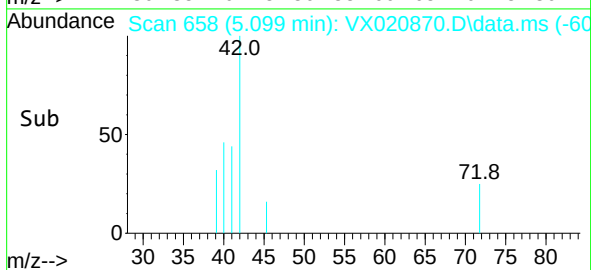
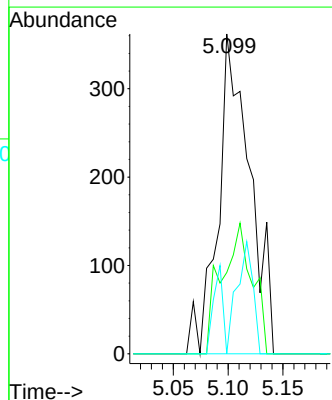
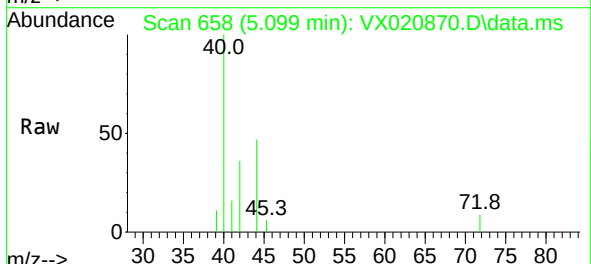
Ion	Ratio	Lower	Upper
84	100		
49	97.3	88.6	132.8
51	27.8	27.0	40.6
86	51.4	50.3	75.5

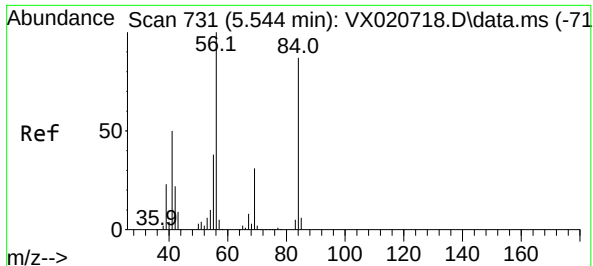


#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.013 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Tgt Ion: 42 Resp: 731

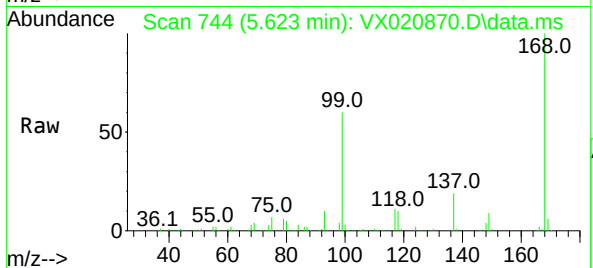
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	8.1	38.4	57.6#



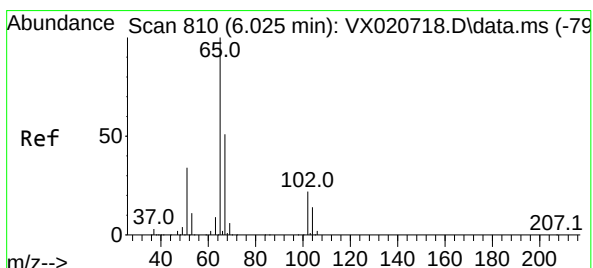
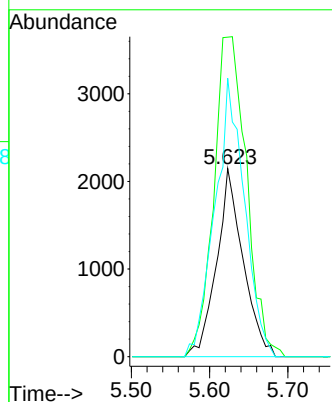
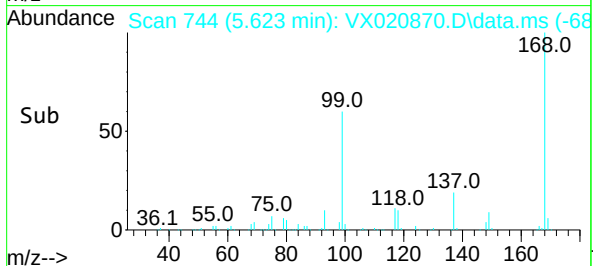


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

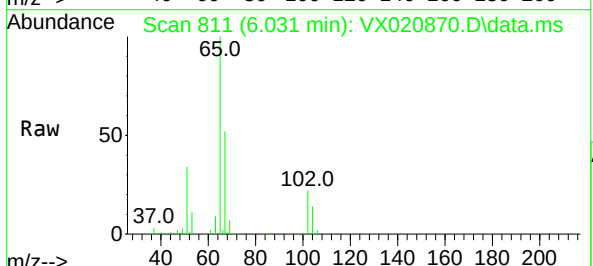
Instrument :
MSVOA_X
ClientSampleId :



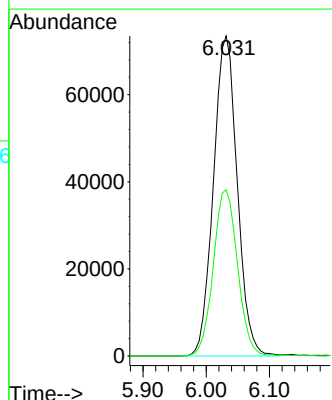
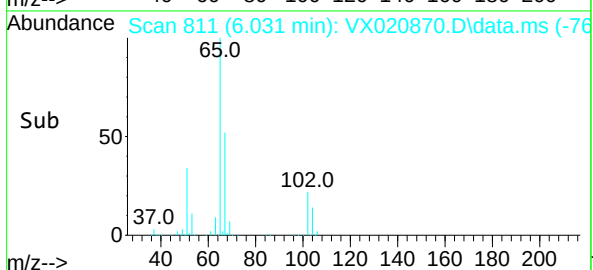
Tgt Ion: 56 Resp: 5043
Ion Ratio Lower Upper
56 100
69 169.7 25.3 37.9#
84 148.0 71.4 107.0#

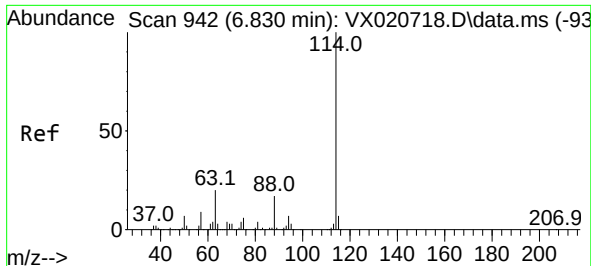


#33
1,2-Dichloroethane-d4
Concen: 50.33 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23



Tgt Ion: 65 Resp: 191746
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

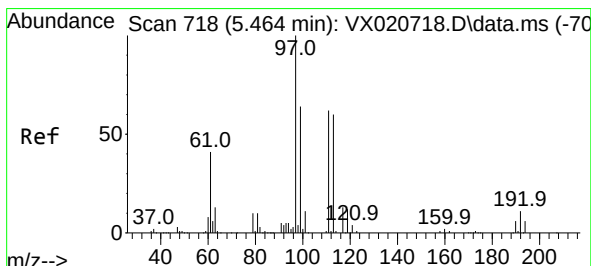
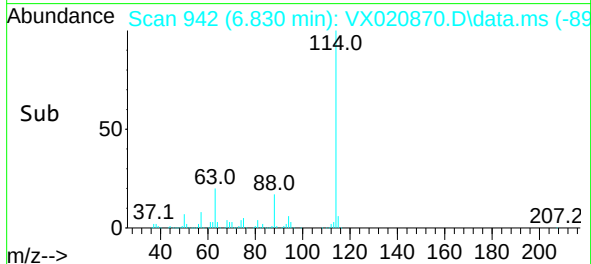
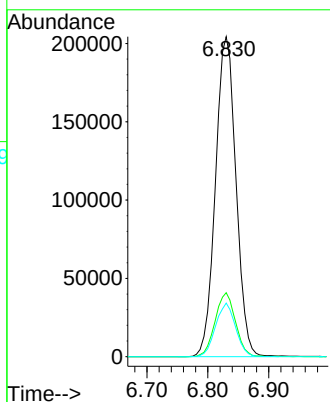
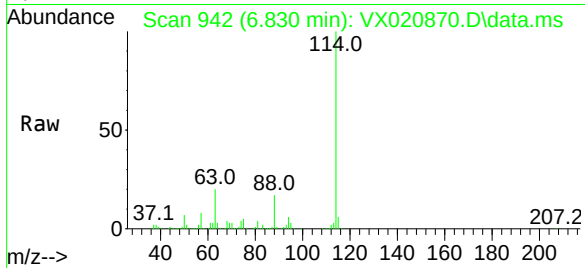




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

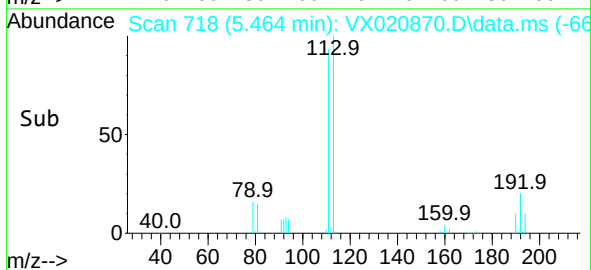
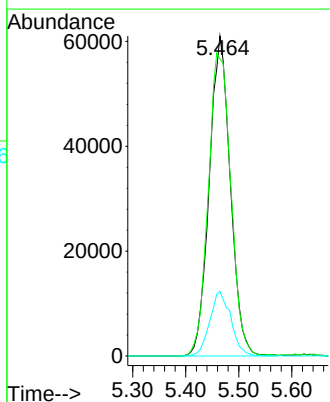
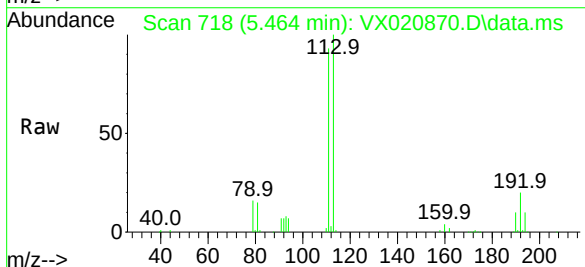
Instrument :
MSVOA_X
ClientSampled :

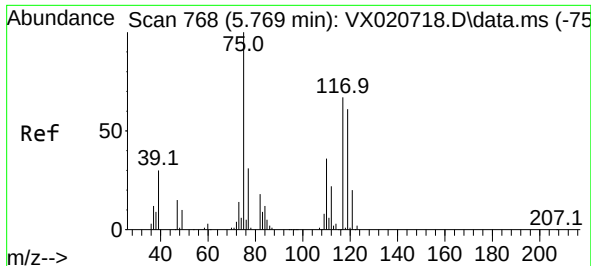
Tgt Ion:114 Resp: 477084
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.57 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

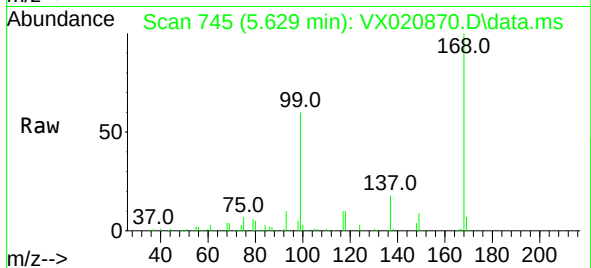
Tgt Ion:113 Resp: 168533
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 20.1 16.7 25.1



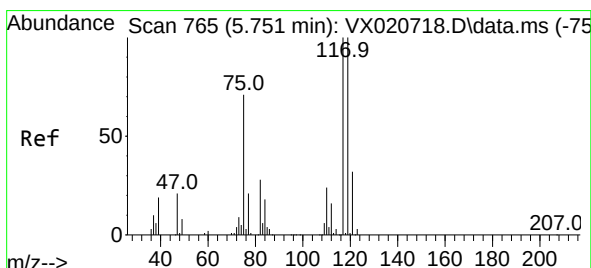
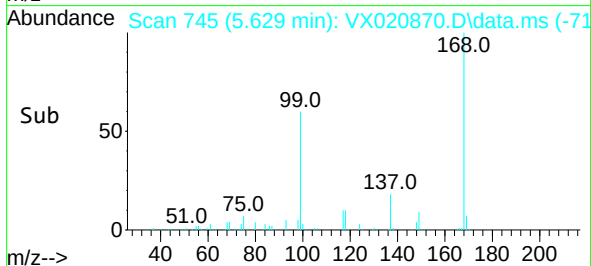
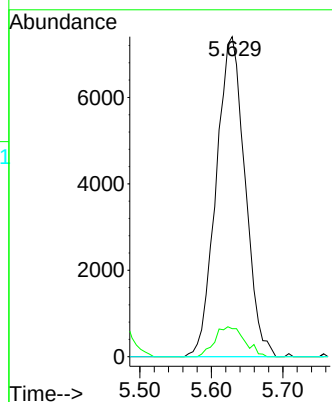


#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Instrument :
MSVOA_X
ClientSampled :

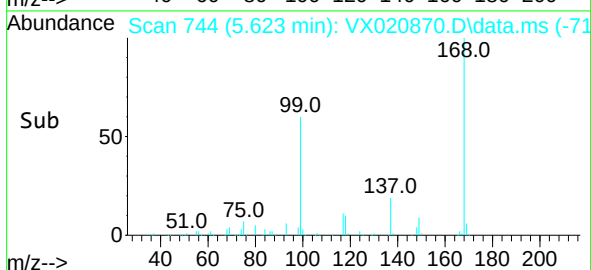
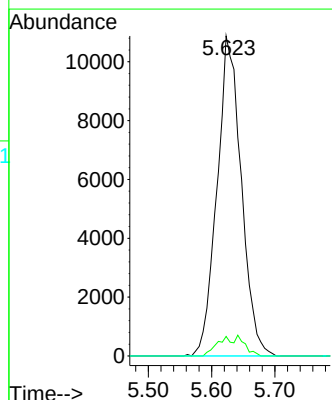
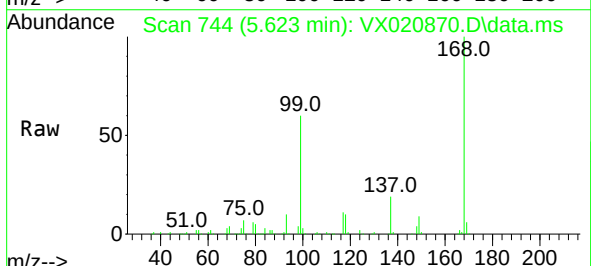


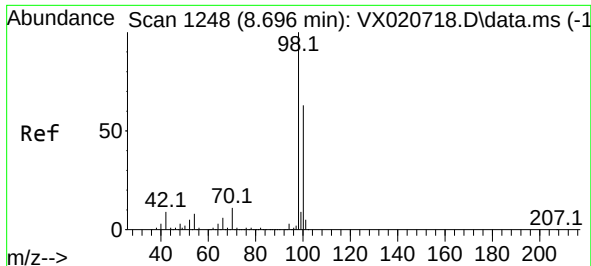
Tgt Ion: 75 Resp: 20746
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Tgt Ion: 117 Resp: 28907
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

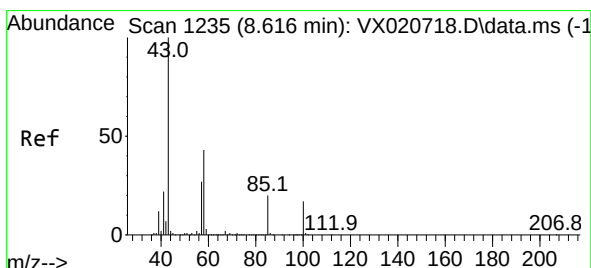
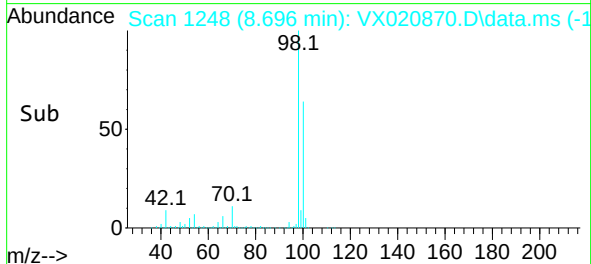
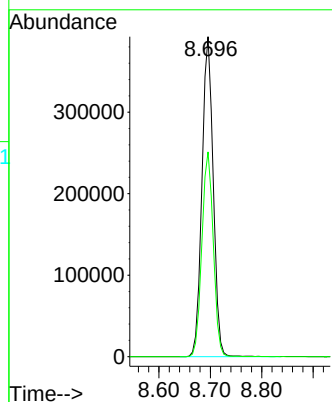
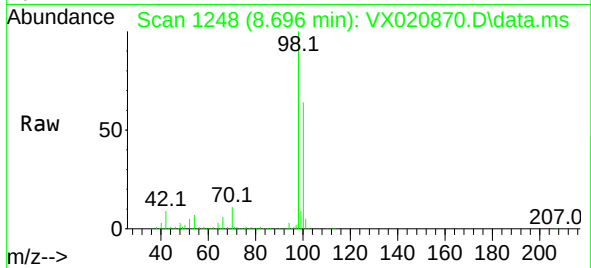




#50
Toluene-d8
Concen: 49.78 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

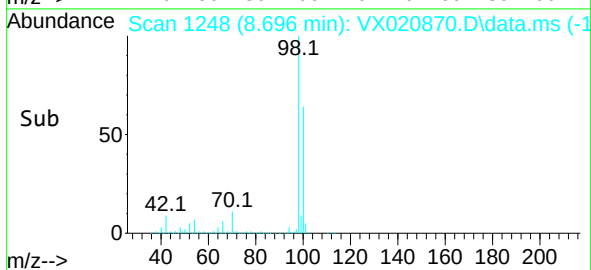
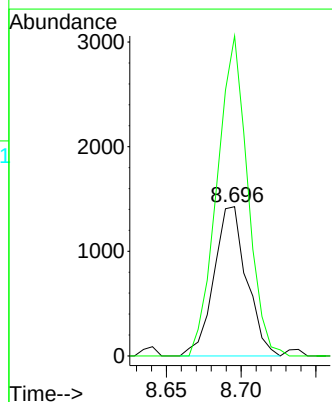
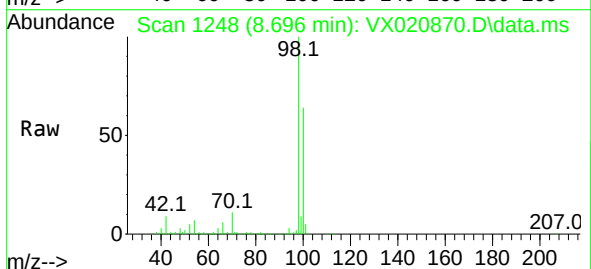
Instrument :
MSVOA_X
ClientSampled :

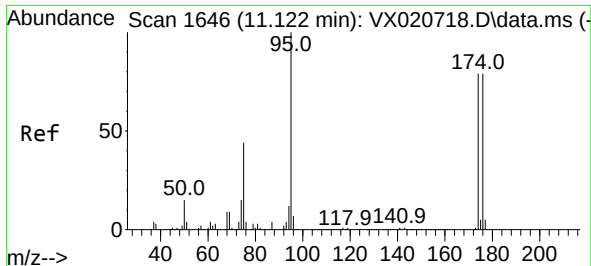
Tgt Ion: 98 Resp: 596430
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 199.5 35.4 53.0#

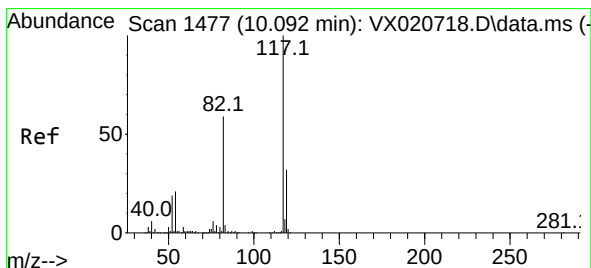
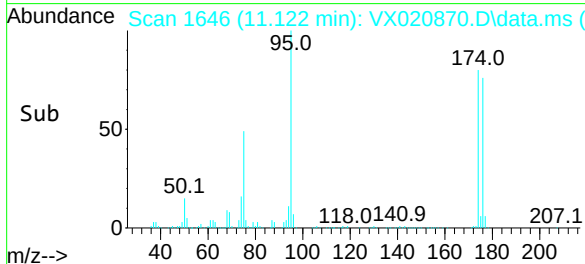
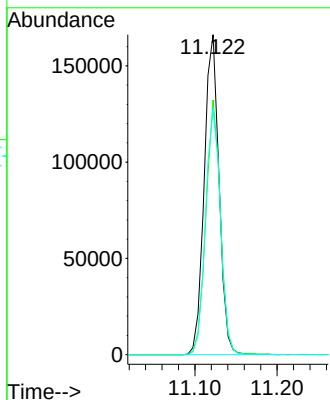
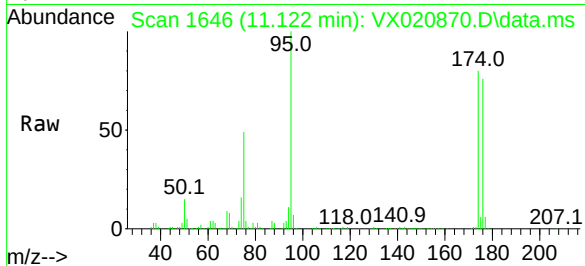




#62
4-Bromofluorobenzene
Concen: 44.70 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

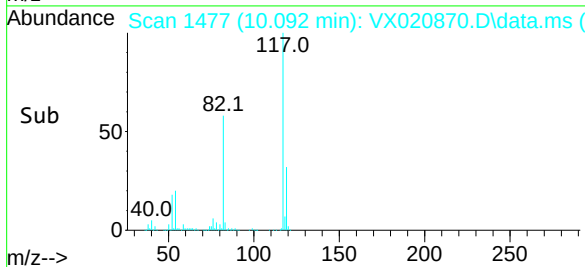
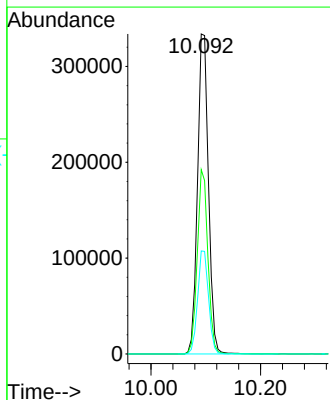
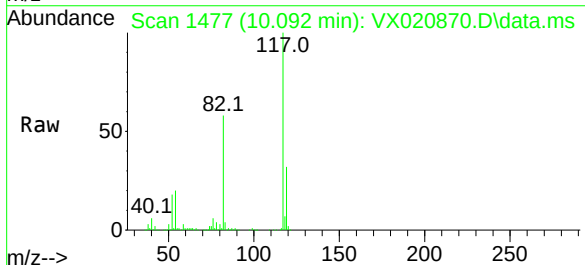
Instrument :
MSVOA_X
ClientSampleId :

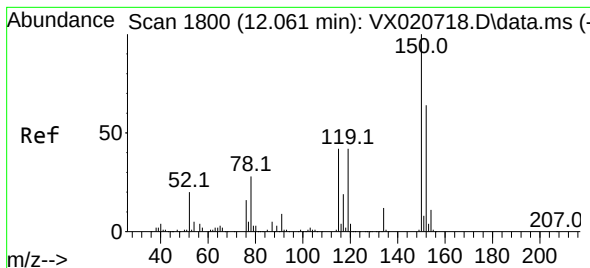
Tgt Ion: 95 Resp: 207985
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Tgt Ion: 117 Resp: 463645
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.2 26.6 39.8

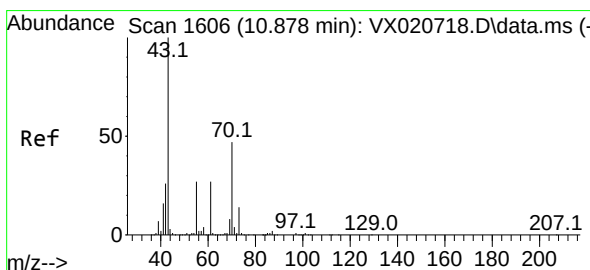
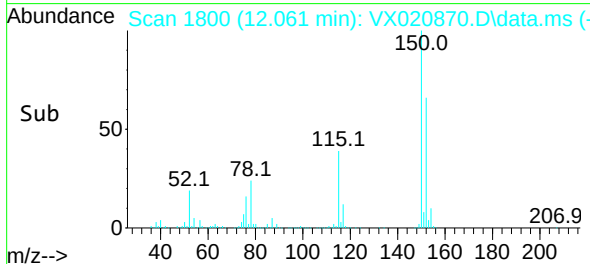
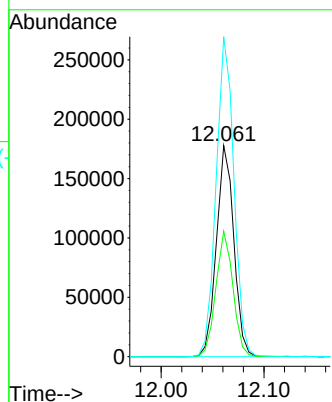
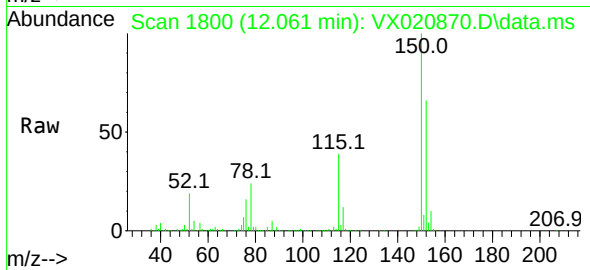




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

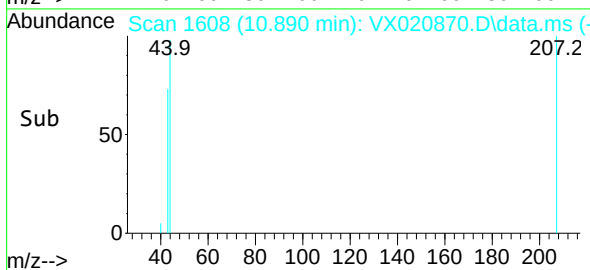
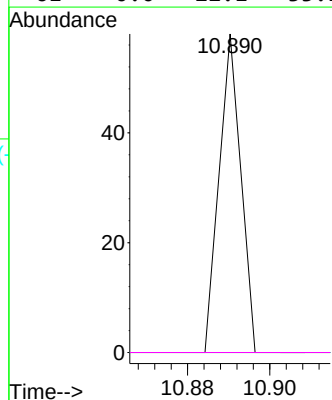
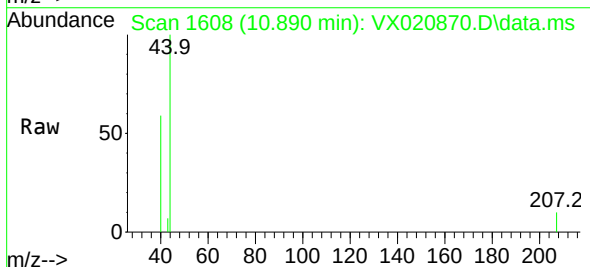
Instrument :
MSVOA_X
ClientSampleId :

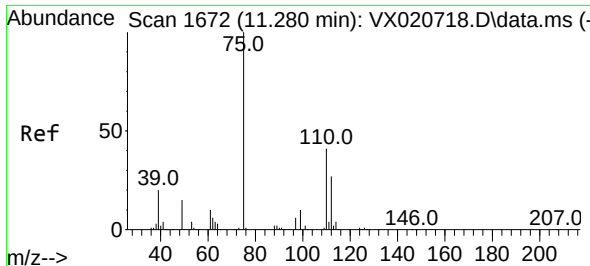
Tgt Ion:152 Resp: 209248
Ion Ratio Lower Upper
152 100
115 58.3 41.1 123.3
150 154.5 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Tgt Ion: 43 Resp: 21
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#

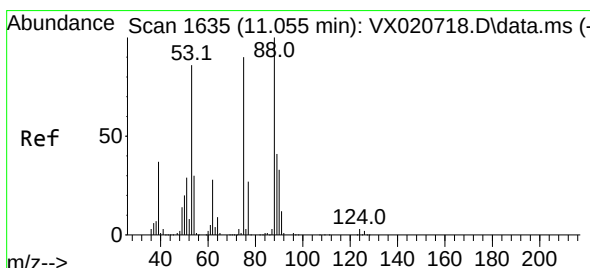
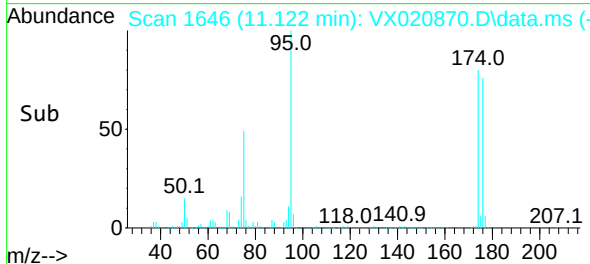
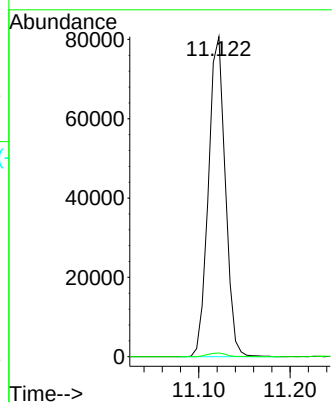
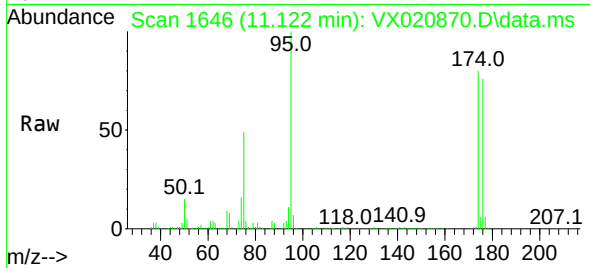




#76
1,2,3-Trichloropropane
Concen: 21.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

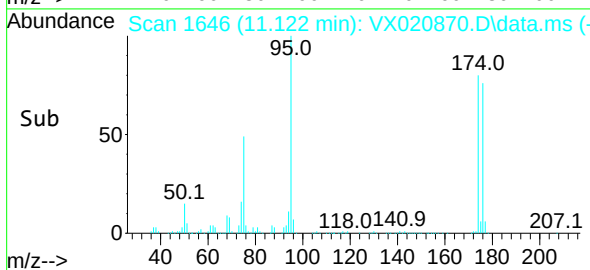
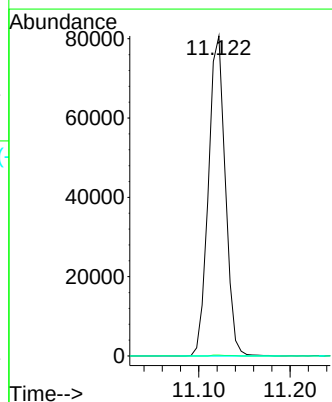
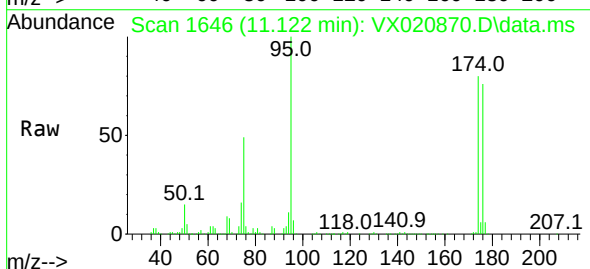
Instrument :
MSVOA_X
ClientSampled :

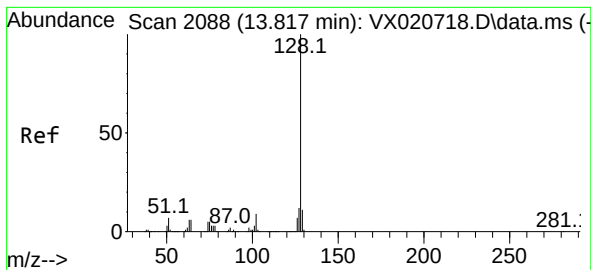
Tgt Ion: 75 Resp: 103266
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.63 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Tgt Ion: 75 Resp: 103266
Ion Ratio Lower Upper
75 100
53 0.3 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020870.D
Acq: 05 Feb 2021 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 356
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

