

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020841.D
 Acq On : 03 Feb 2021 15:30
 Operator : JC/SP
 Sample : M1289-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-6-PS

Quant Time: Feb 04 02:23:28 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)

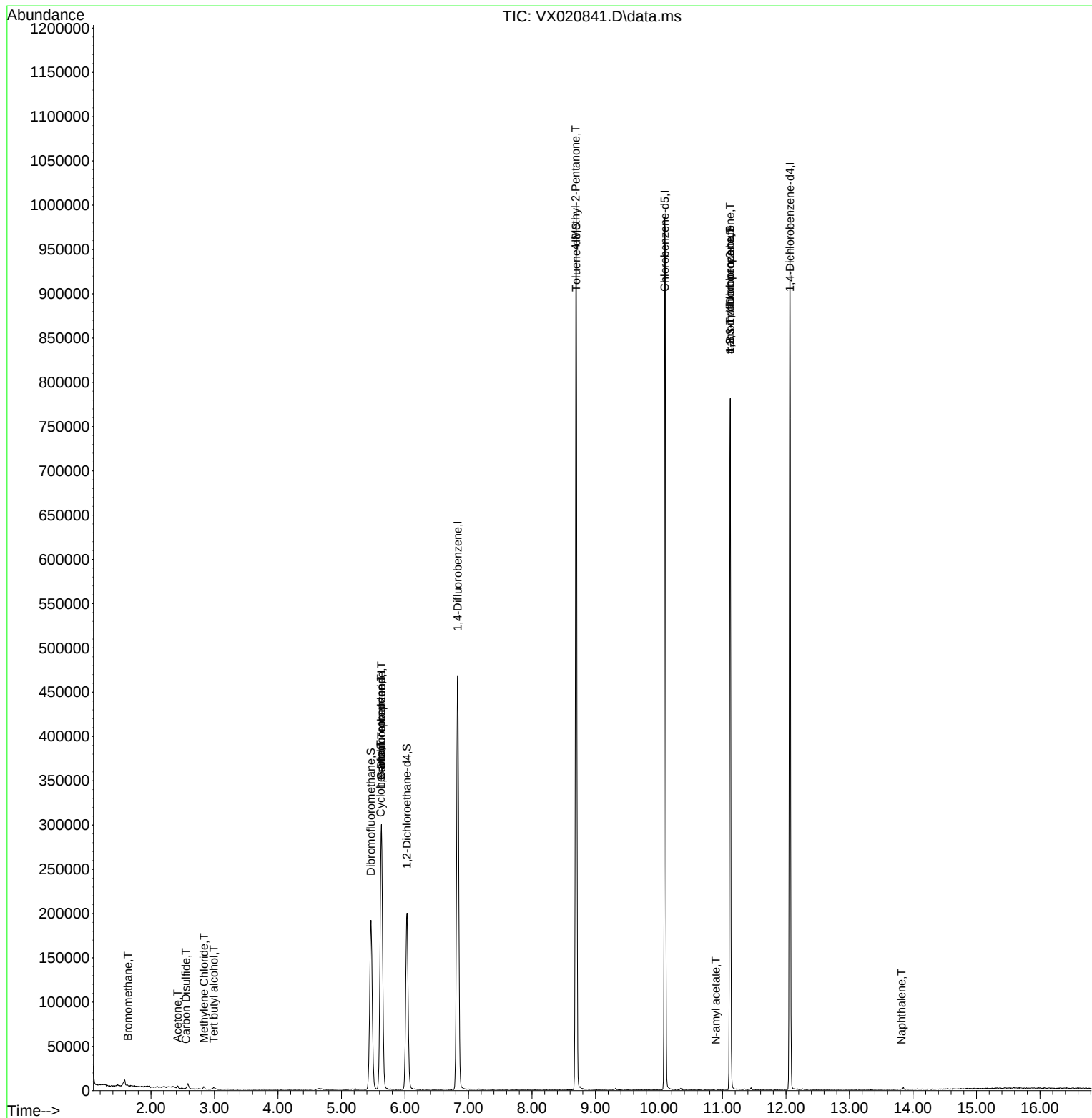
Internal Standards						
1) Pentafluorobenzene	5.629	168	277522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	477795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	467039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	193202	51.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.08%			
35) Dibromofluoromethane	5.465	113	169005	51.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.28%			
50) Toluene-d8	8.696	98	590038	49.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.36%			
62) 4-Bromofluorobenzene	11.122	95	215479	46.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.48%			
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	440	0.24	ug/l #	70
11) Tert butyl alcohol	2.989	59	1414	2.00	ug/l #	73
16) Acetone	2.416	43	2811	1.96	ug/l	96
17) Carbon Disulfide	2.550	76	399	0.95	ug/l #	72
20) Methylene Chloride	2.837	84	1210	0.33	ug/l #	73
31) Cyclohexane	5.617	56	4828	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20262	4.23	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29197	5.79	ug/l #	17
51) 4-Methyl-2-Pentanone	8.690	43	2484	0.54	ug/l #	1
74) N-amyl acetate	10.896	43	110	2.03	ug/l #	50
76) 1,2,3-Trichloropropane	11.122	75	103642	21.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	103642	59.30	ug/l #	12
95) Naphthalene	13.817	128	199	2.88	ug/l #	69

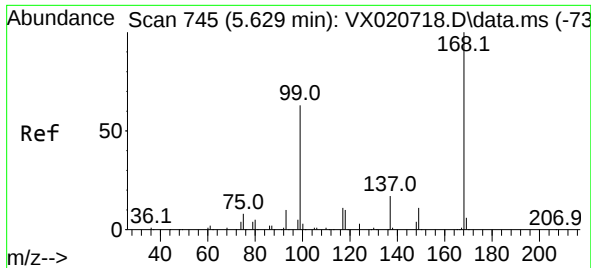
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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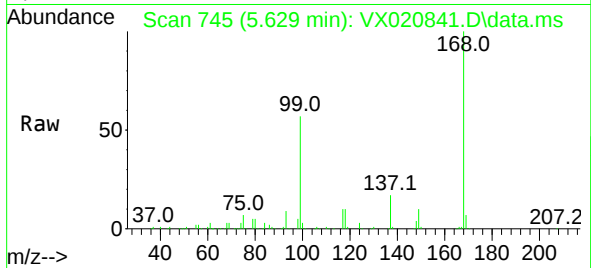
Quant Time: Feb 04 02:23:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
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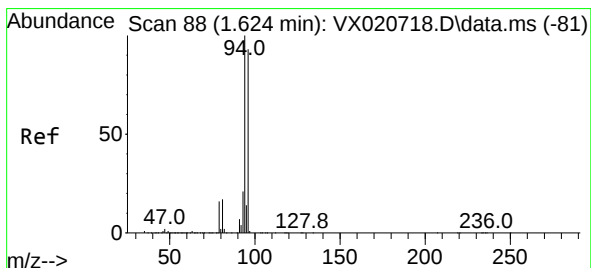
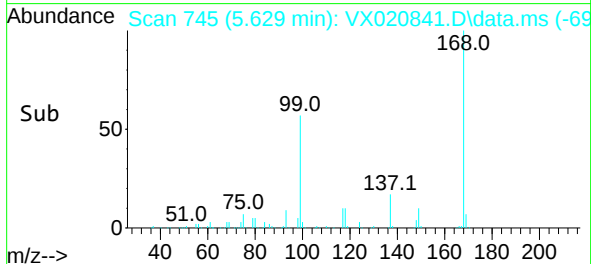
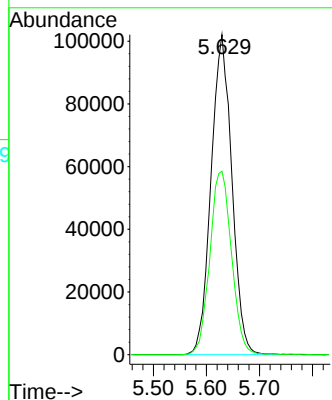


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

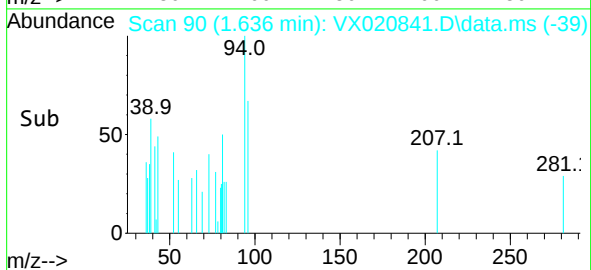
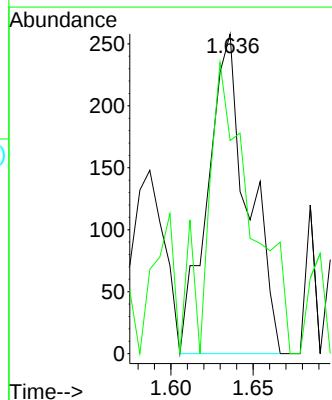
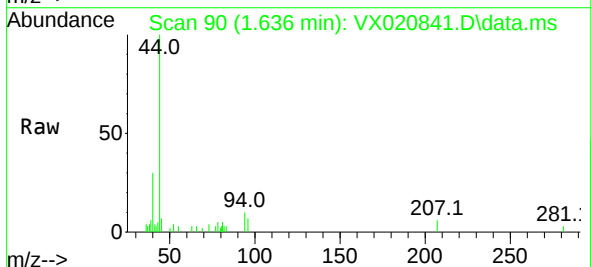


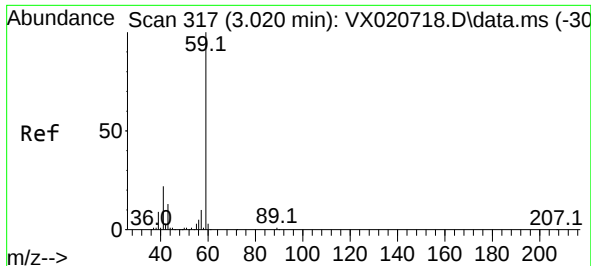
Tgt Ion:168 Resp: 277522
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 66.7 76.4 114.6#

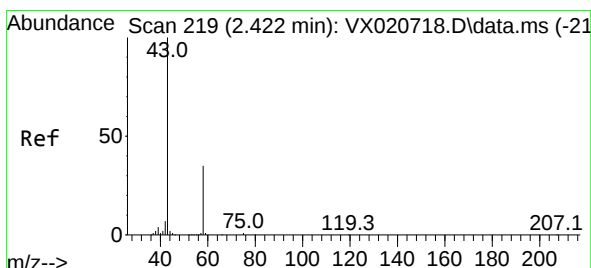
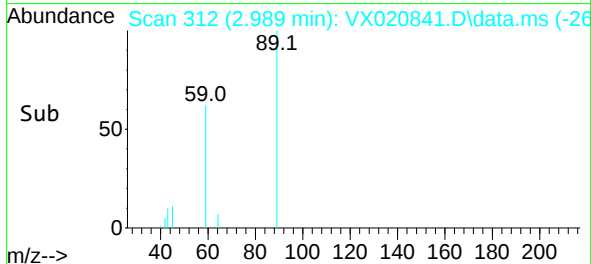
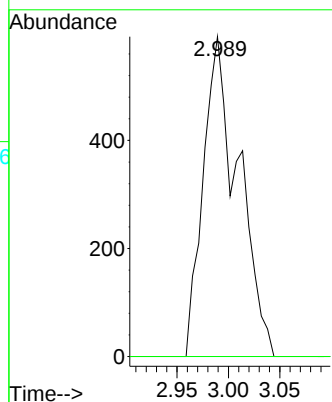
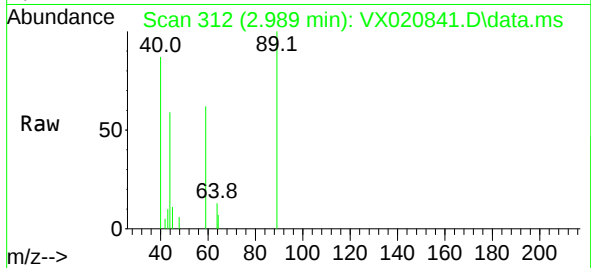




#11
Tert butyl alcohol
Concen: 2.00 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

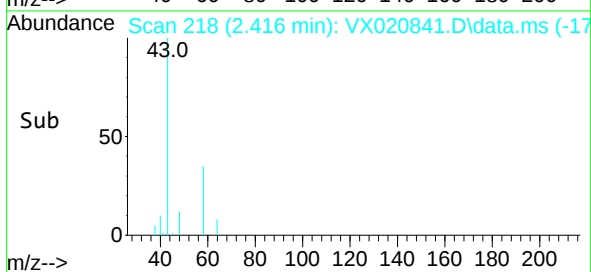
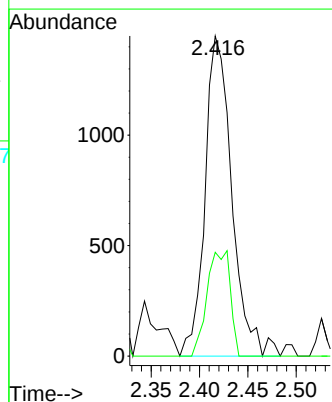
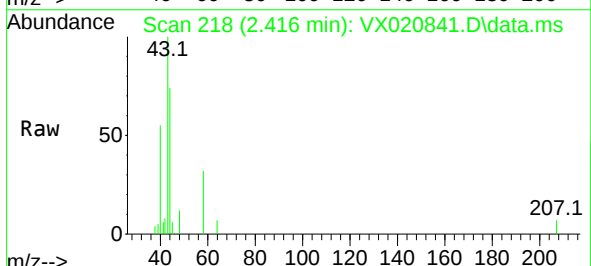
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

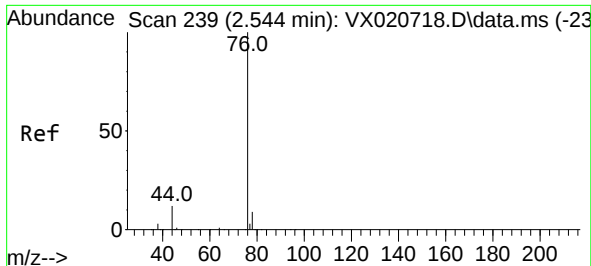
Tgt Ion: 59 Resp: 1414
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.96 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 43 Resp: 2811
Ion Ratio Lower Upper
43 100
58 32.4 27.8 41.8

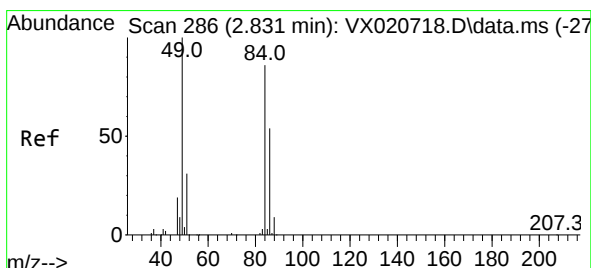
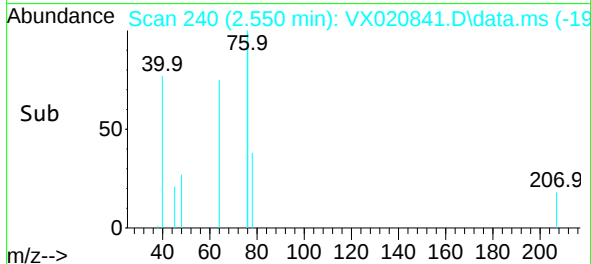
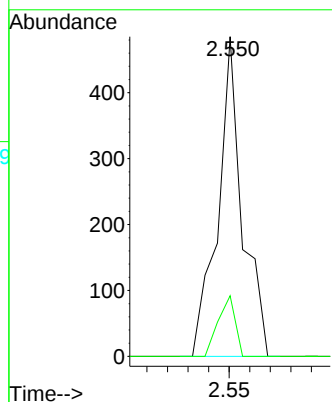
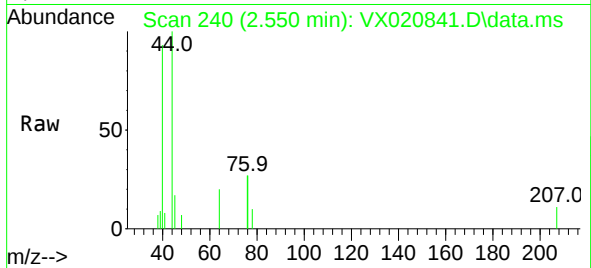




#17
Carbon Disulfide
Concen: 0.95 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

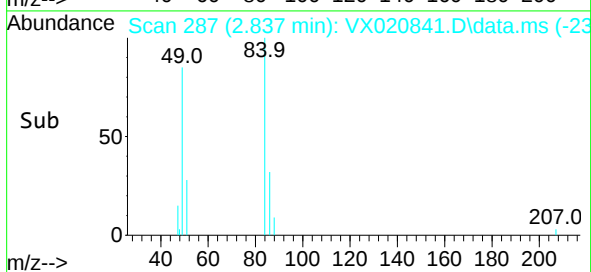
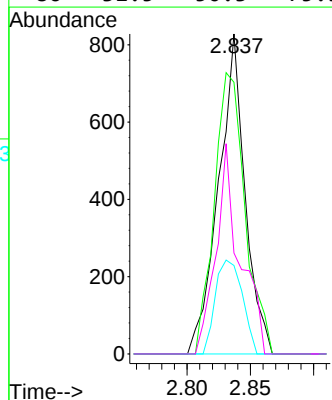
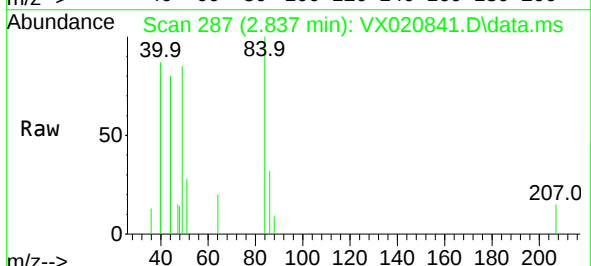
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

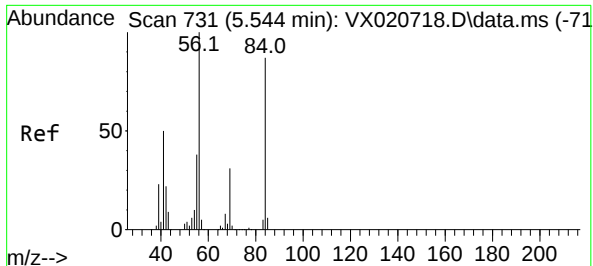
Tgt Ion: 76 Resp: 399
Ion Ratio Lower Upper
76 100
78 19.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

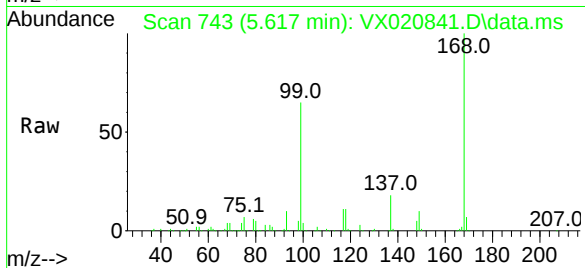
Tgt Ion: 84 Resp: 1210
Ion Ratio Lower Upper
84 100
49 84.9 88.6 132.8#
51 27.7 27.0 40.6
86 31.5 50.3 75.5#



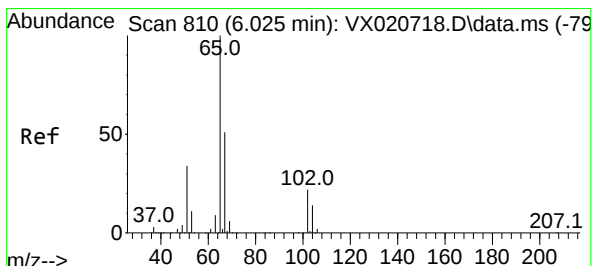
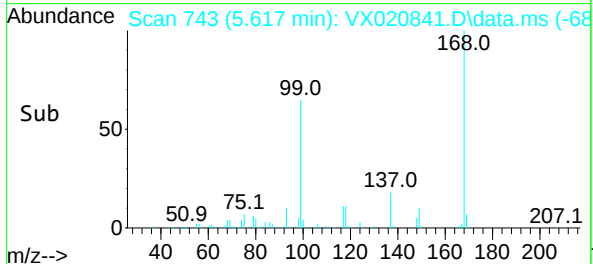
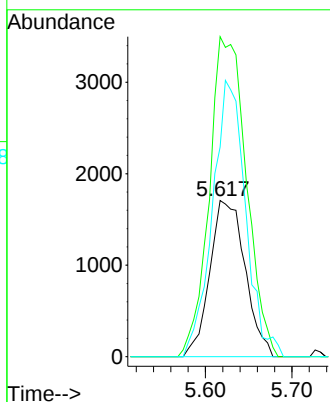


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

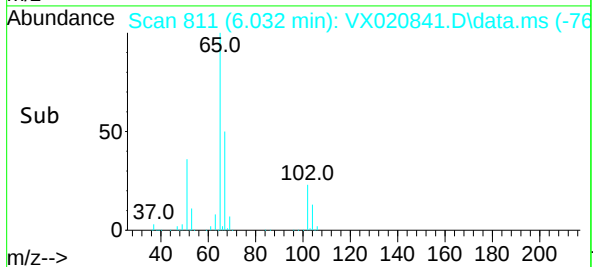
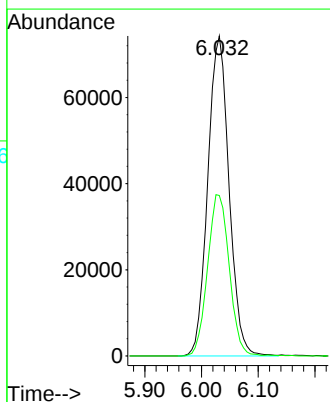
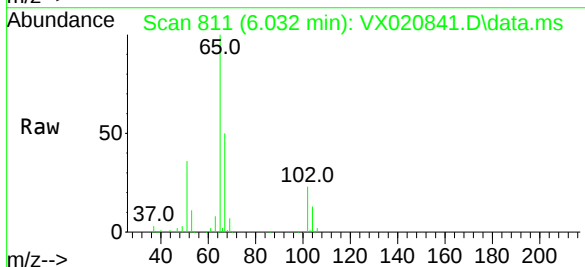


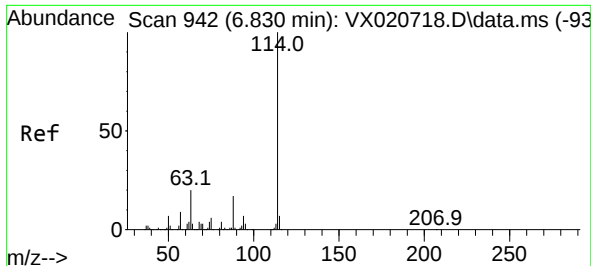
Tgt Ion: 56 Resp: 4828
Ion Ratio Lower Upper
56 100
69 204.9 25.3 37.9#
84 134.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.04 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 65 Resp: 193202
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

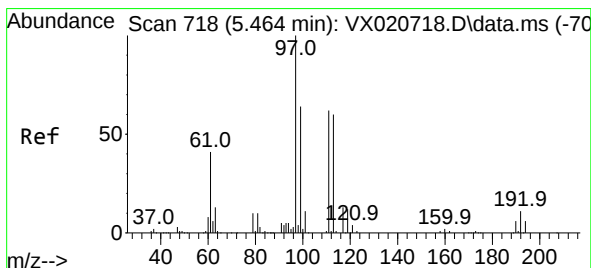
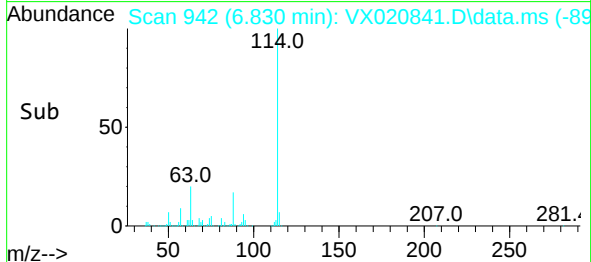
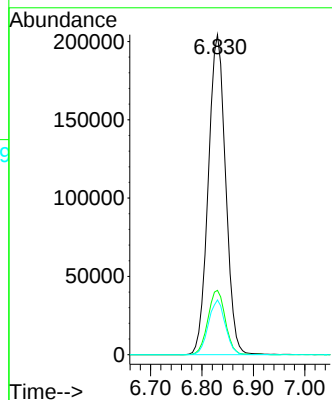
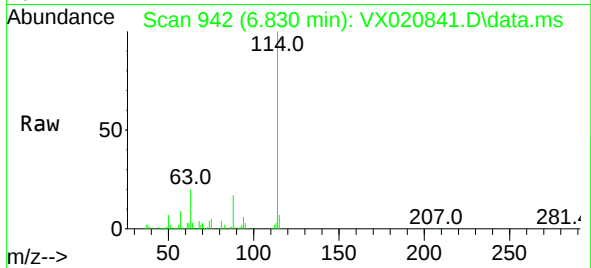




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

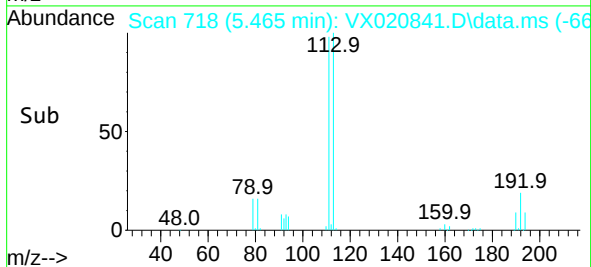
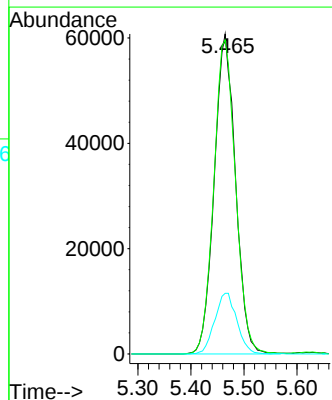
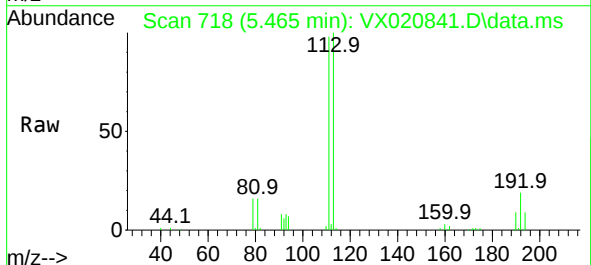
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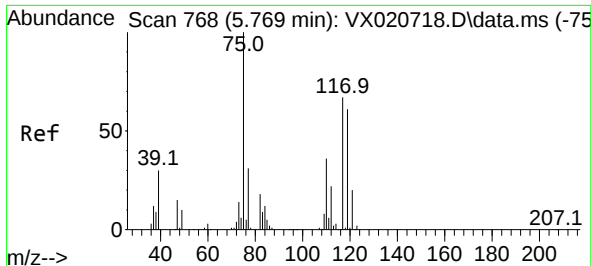
Tgt Ion:114 Resp: 477795
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.64 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

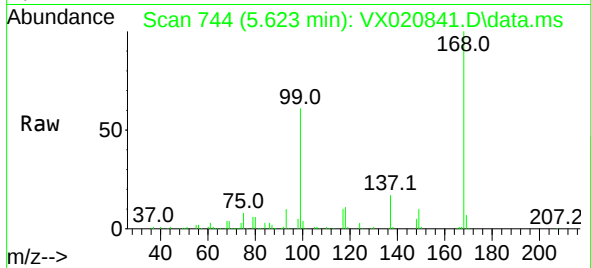
Tgt Ion:113 Resp: 169005
Ion Ratio Lower Upper
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111 100.8 81.9 122.9
192 19.7 16.7 25.1



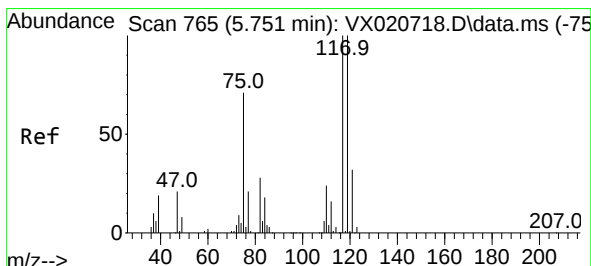
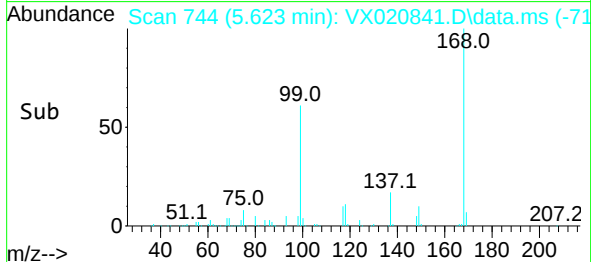
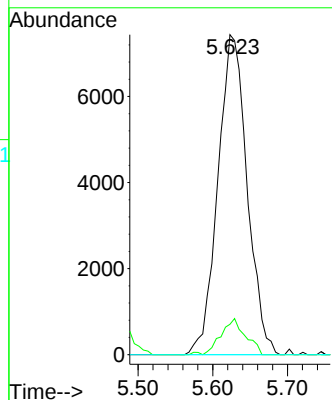


#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Instrument :
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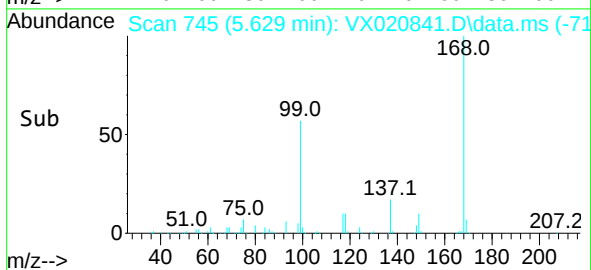
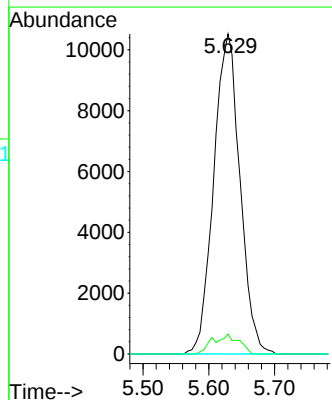
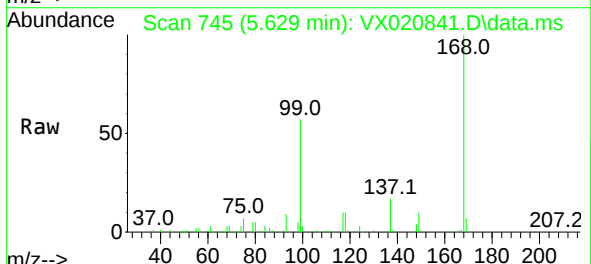


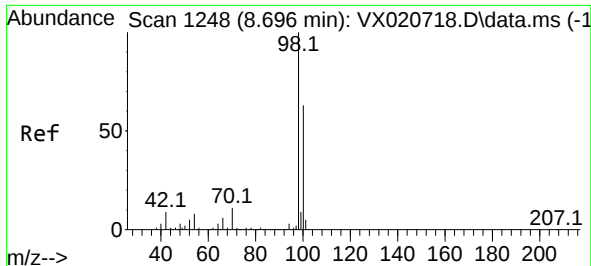
Tgt Ion: 75 Resp: 20262
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 117 Resp: 29197
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

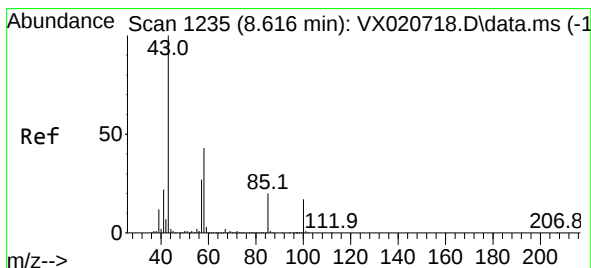
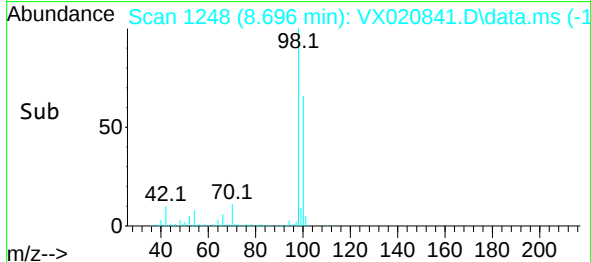
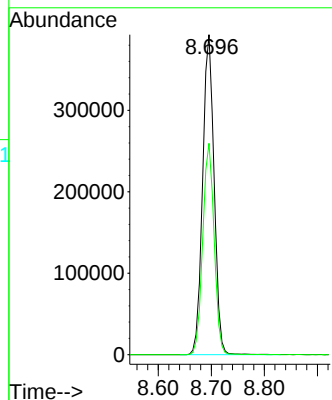
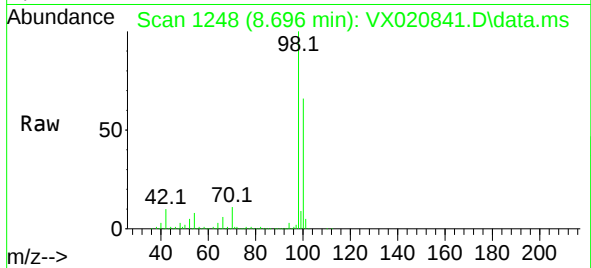




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

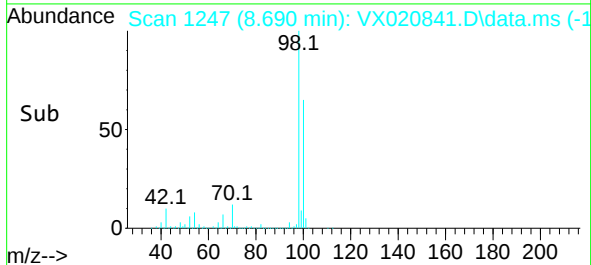
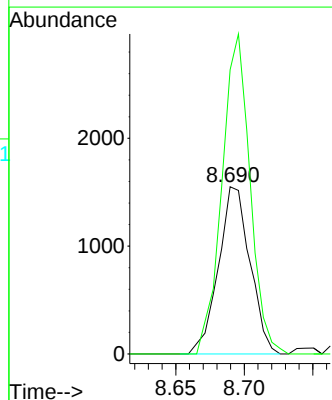
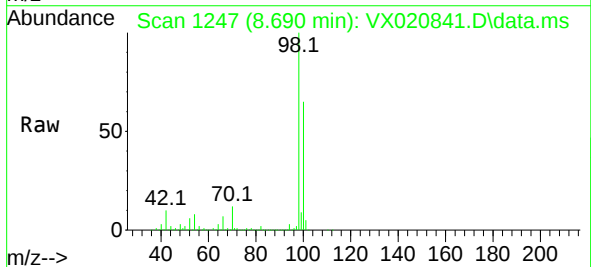
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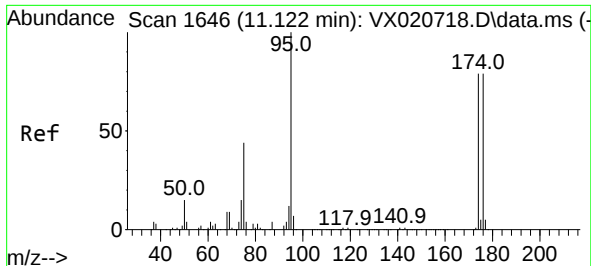
Tgt Ion: 98 Resp: 590038
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.074 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 43 Resp: 2484
Ion Ratio Lower Upper
43 100
58 170.4 35.4 53.0#

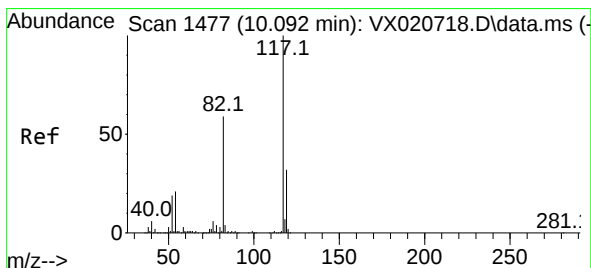
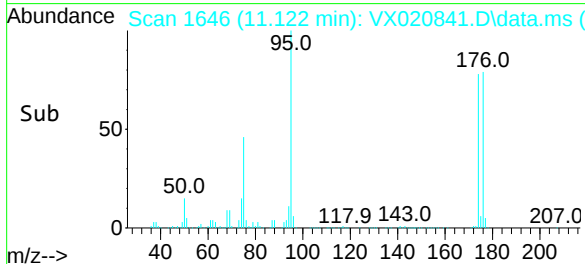
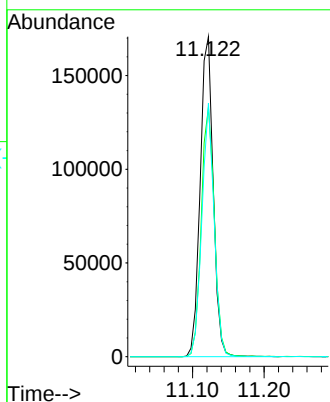
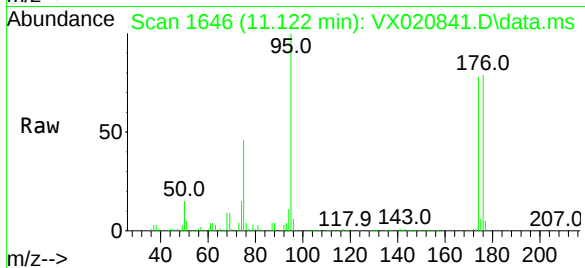




#62
4-Bromofluorobenzene
Concen: 46.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

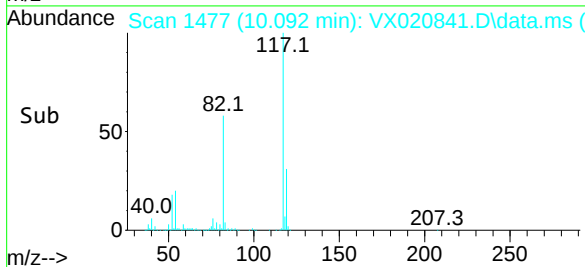
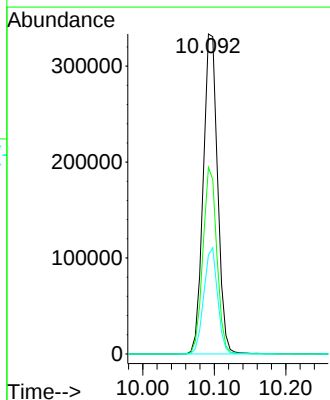
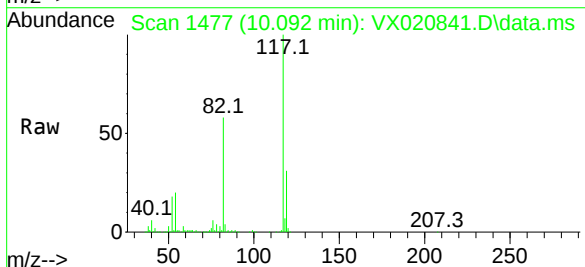
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

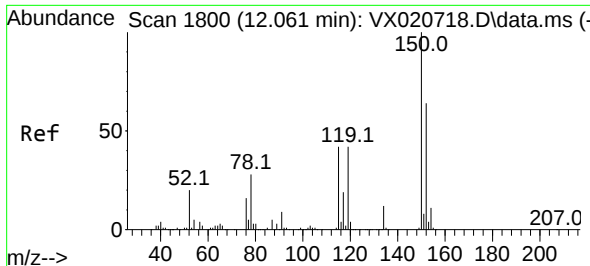
Tgt Ion: 95 Resp: 215479
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 117 Resp: 467039
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.0 26.6 39.8

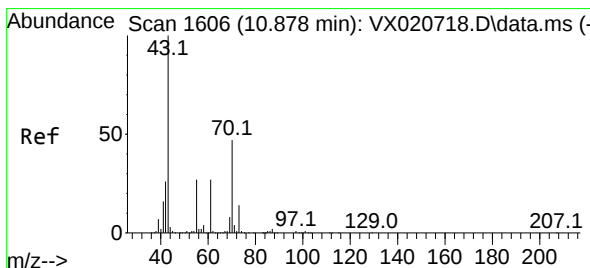
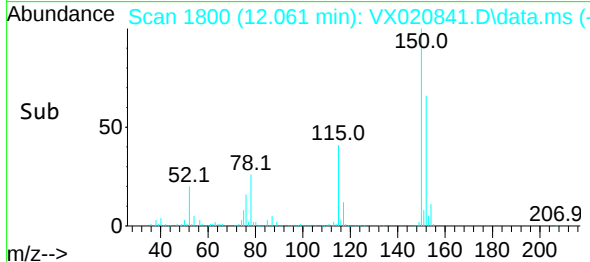
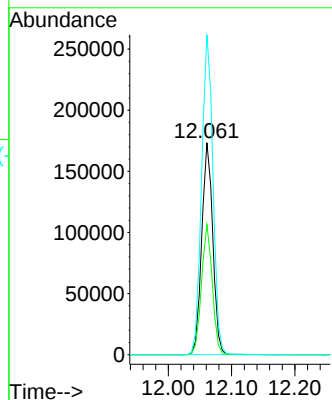
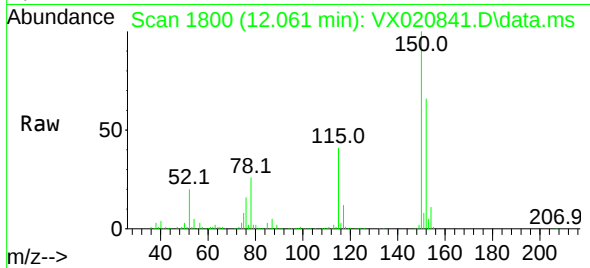




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

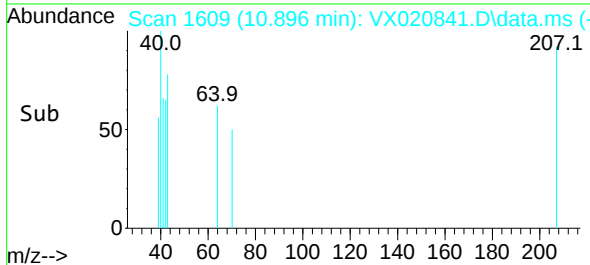
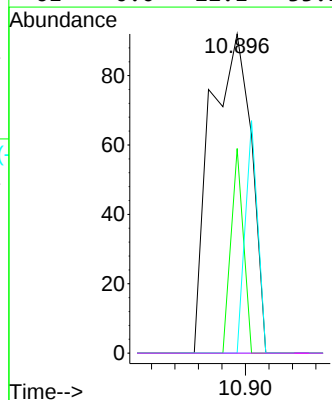
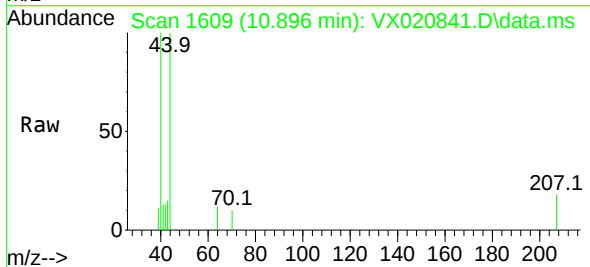
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

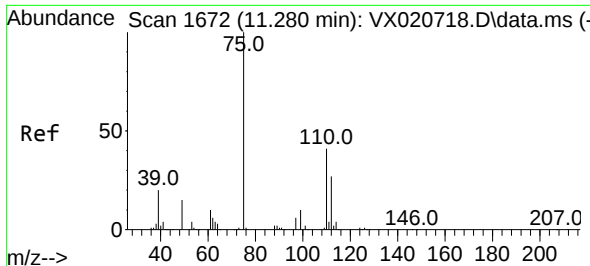
Tgt Ion:152 Resp: 211187
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 154.4 0.0 349.0



#74
N-ethyl acetate
Concen: 2.03 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 22.7 21.5 32.3
61 0.0 22.1 33.1#

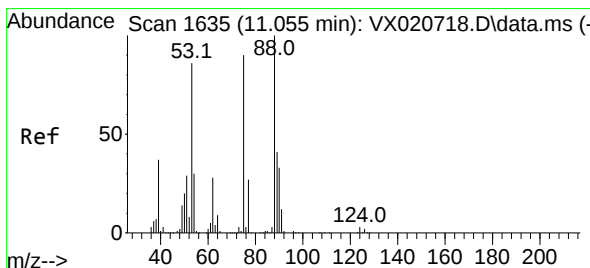
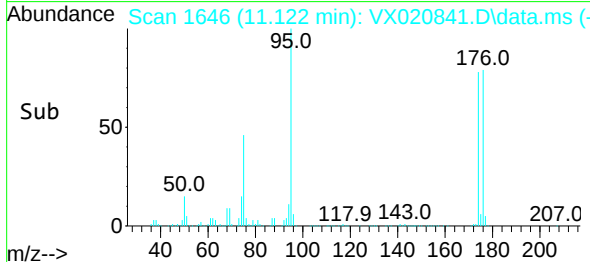
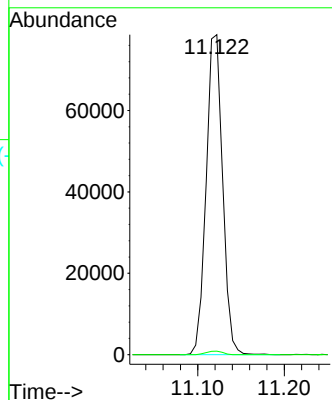
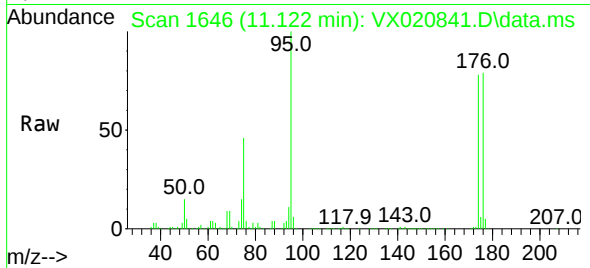




#76
1,2,3-Trichloropropane
Concen: 21.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

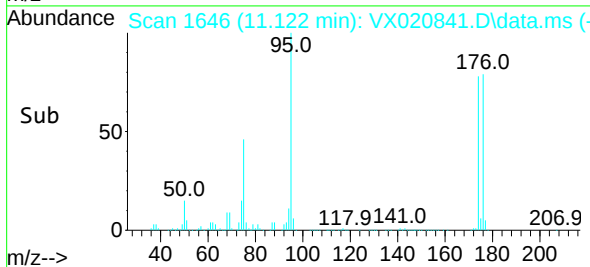
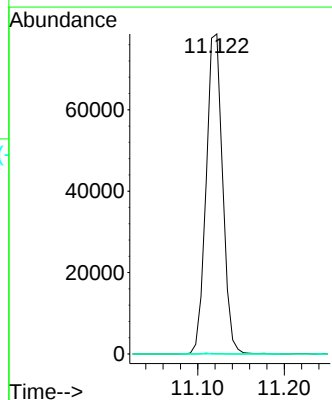
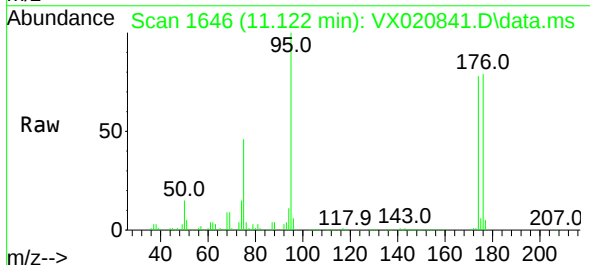
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

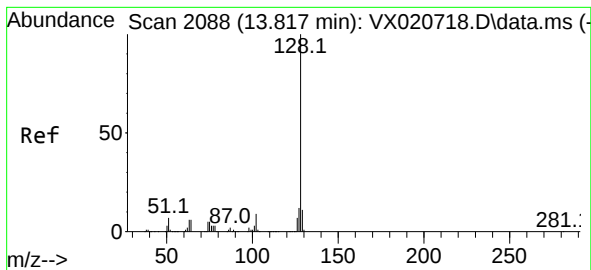
Tgt Ion: 75 Resp: 103642
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.30 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Tgt Ion: 75 Resp: 103642
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020841.D
Acq: 03 Feb 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-6-PS

Tgt Ion:128 Resp: 199
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

