

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021843.D
 Acq On : 23 Apr 2021 15:37
 Operator : JC/MD
 Sample : M2138-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-2-PS

Quant Time: Apr 26 04:04:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

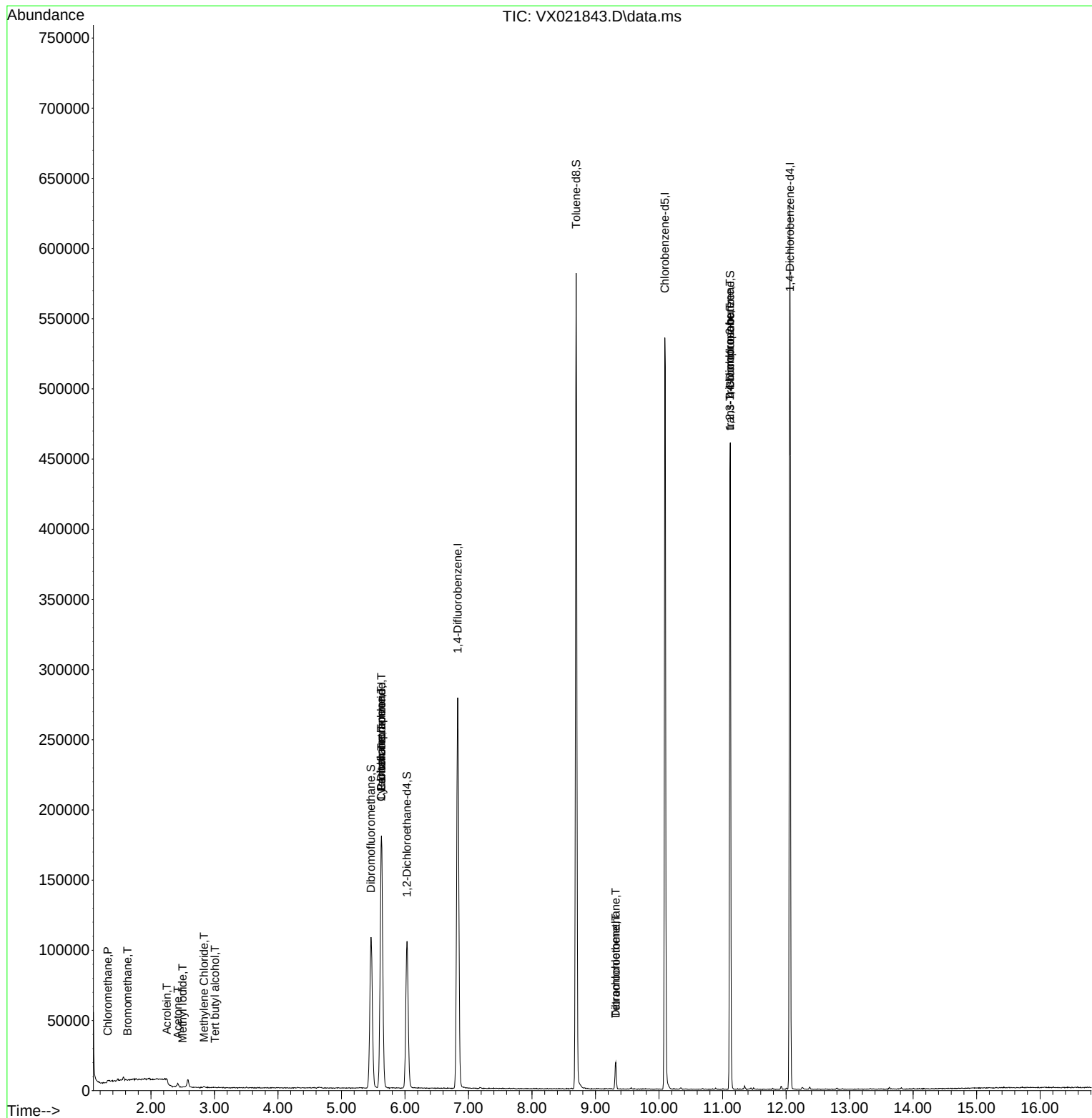
Internal Standards						
1) Pentafluorobenzene	5.629	168	182780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	305372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	277480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	135455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	99264	47.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.74%		
35) Dibromofluoromethane	5.464	113	95642	48.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.96%		
50) Toluene-d8	8.695	98	360495	48.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.02%		
62) 4-Bromofluorobenzene	11.122	95	133667	47.67	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.34%		
Target Compounds					Qvalue	
3) Chloromethane	1.319	50	994	0.73	ug/l	96
5) Bromomethane	1.630	94	452	0.49	ug/l #	2
10) Methyl Iodide	2.495	142	158	8.24	ug/l #	42
11) Tert butyl alcohol	3.007	59	150	0.33	ug/l #	7
13) Acrolein	2.251	56	362	0.99	ug/l #	14
16) Acetone	2.422	43	2549	3.58	ug/l #	81
20) Methylene Chloride	2.837	84	436	0.20	ug/l #	82
31) Cyclohexane	5.623	56	3186	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	11854	4.40	ug/l #	49
38) Carbon Tetrachloride	5.629	117	16612	5.63	ug/l #	17
60) Dibromochloromethane	9.317	129	3497	1.34	ug/l #	11
64) Tetrachloroethene	9.317	164	3641	1.68	ug/l	95
76) 1,2,3-Trichloropropane	11.116	75	59038	21.98	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	59038	50.54	ug/l #	12

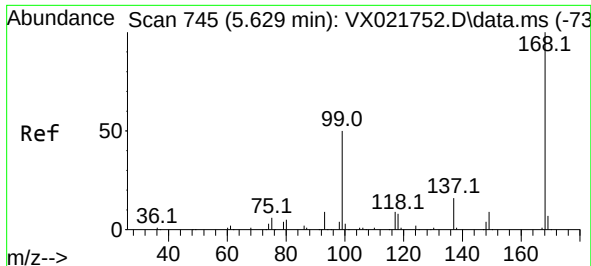
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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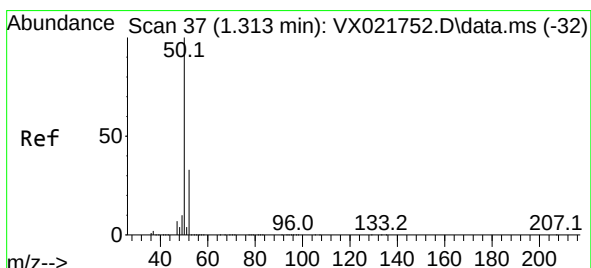
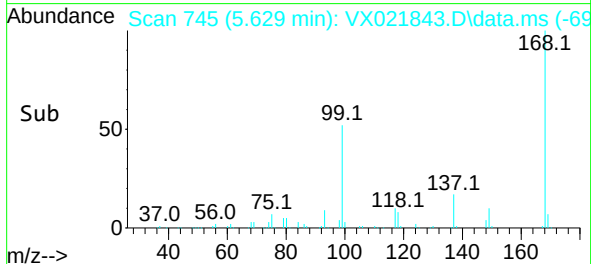
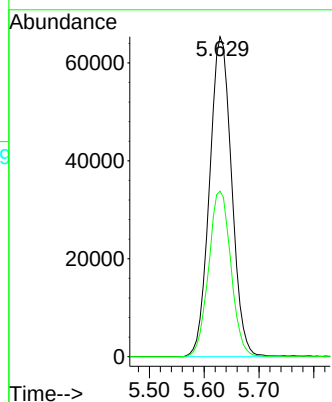
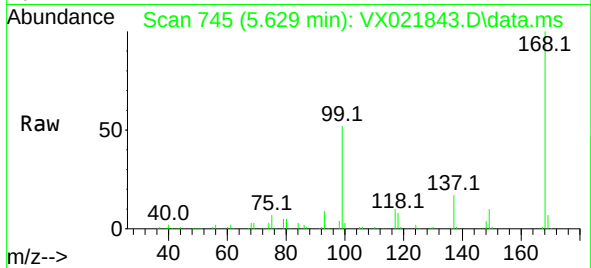




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

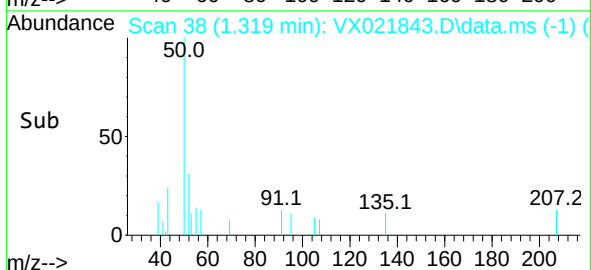
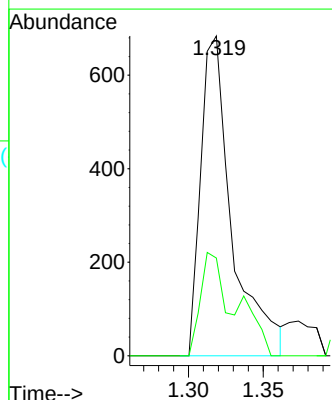
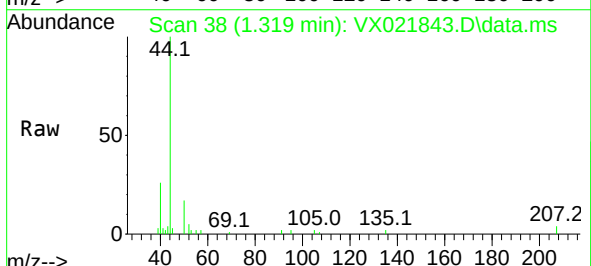
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

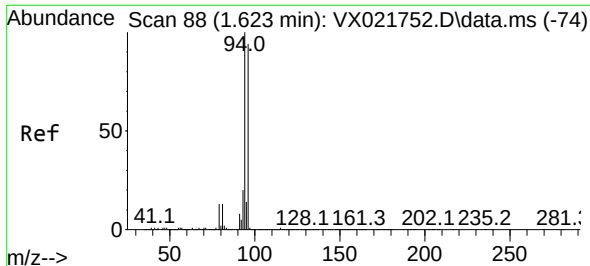
Tgt Ion:168 Resp: 182780
Ion Ratio Lower Upper
168 100
99 51.7 45.8 68.6



#3
Chloromethane
Concen: 0.73 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion: 50 Resp: 994
Ion Ratio Lower Upper
50 100
52 30.6 26.4 39.6

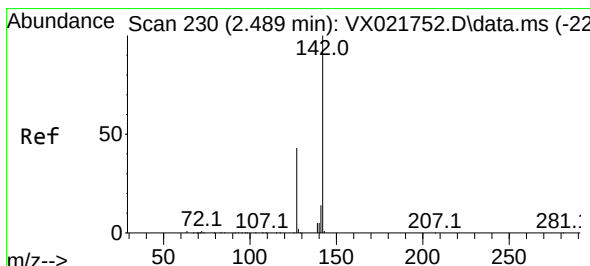
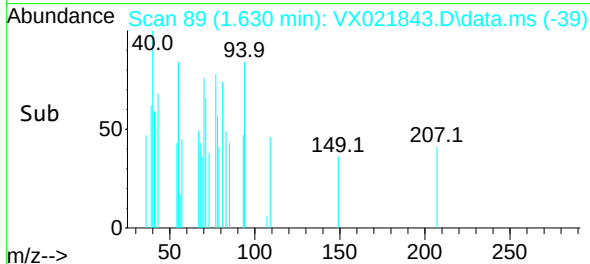
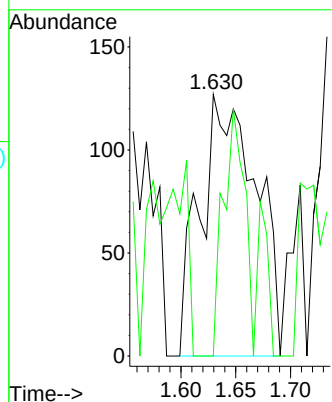
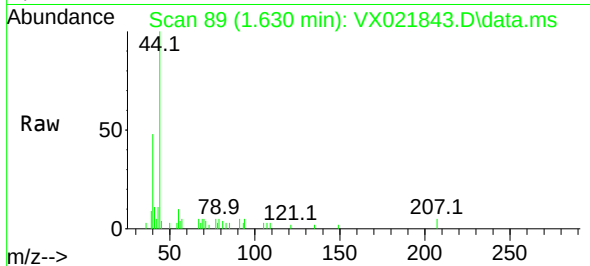




#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.007 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

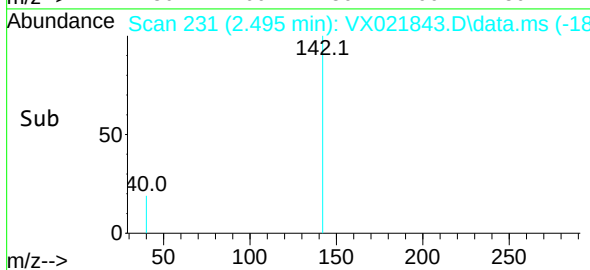
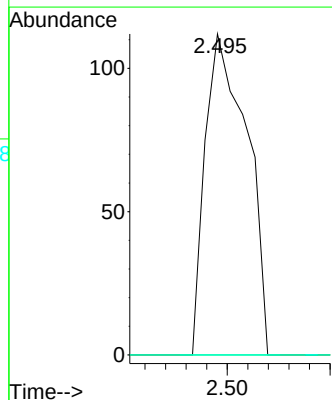
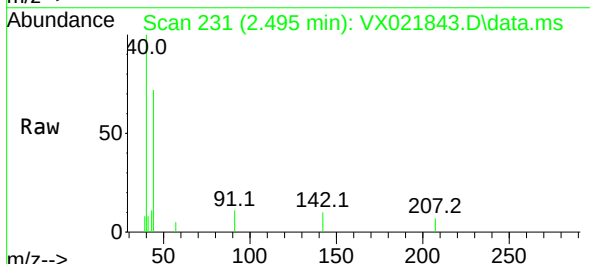
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

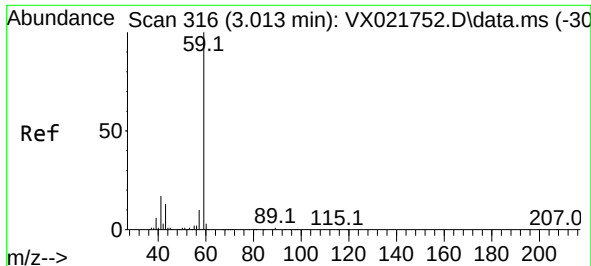
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 8.24 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion: 142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

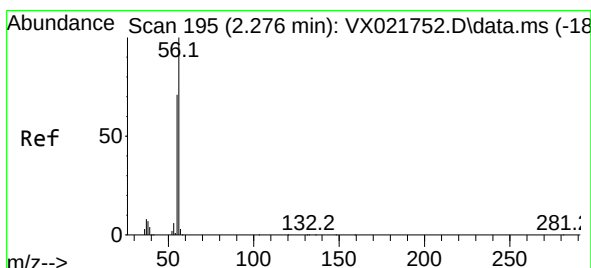
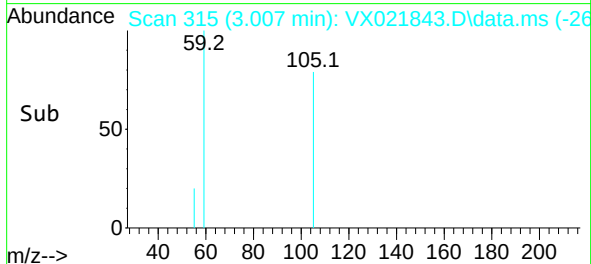
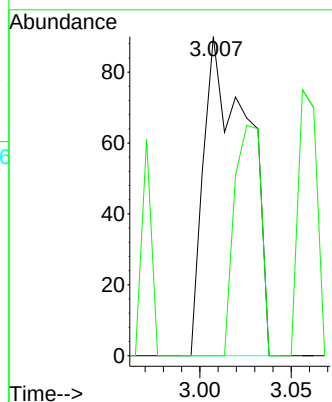
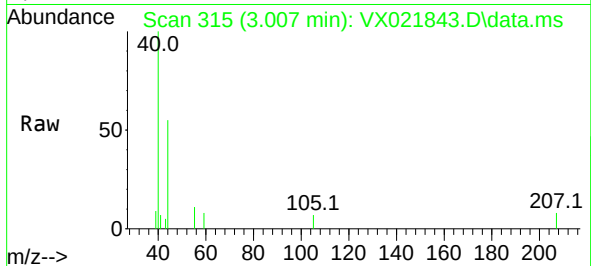




#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

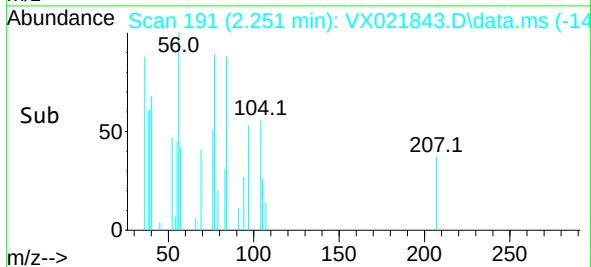
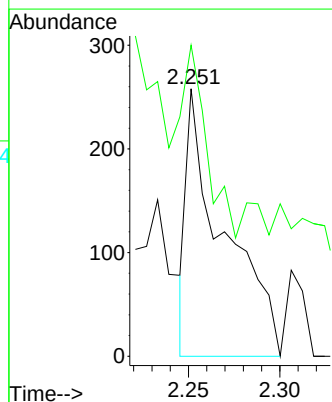
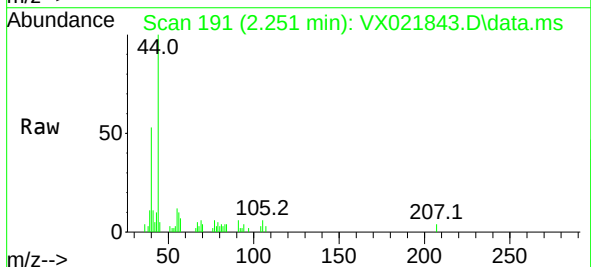
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

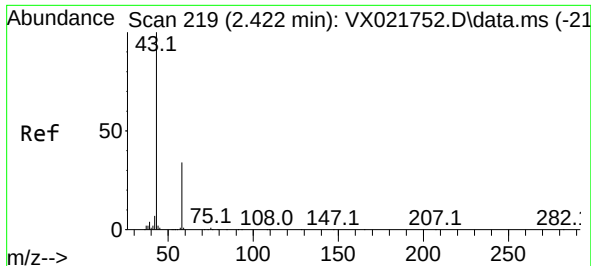
Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 44.0 7.8 11.8#



#13
Acrolein
Concen: 0.99 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.025 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion: 56 Resp: 362
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

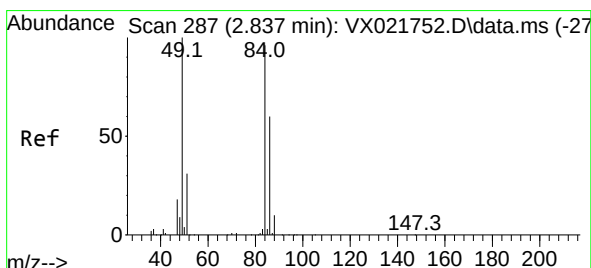
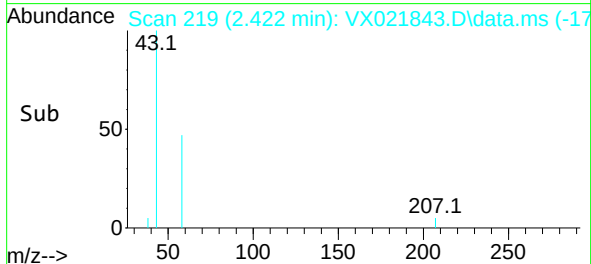
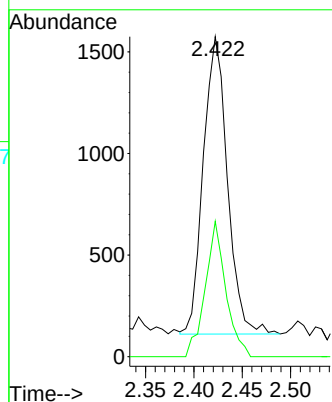
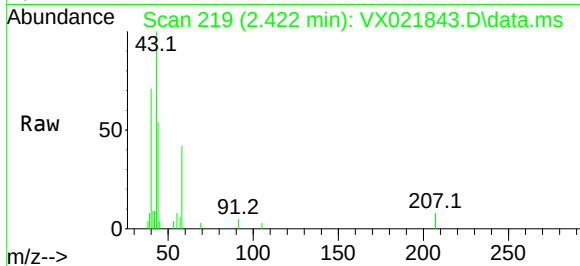




#16
Acetone
Concen: 3.58 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

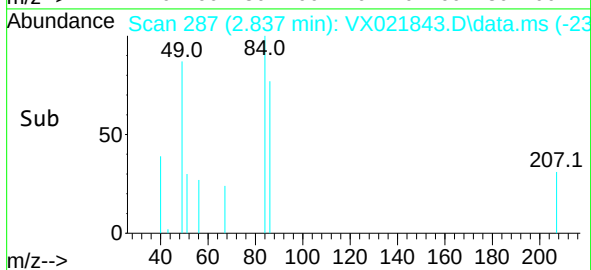
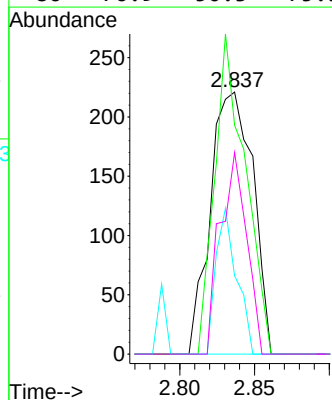
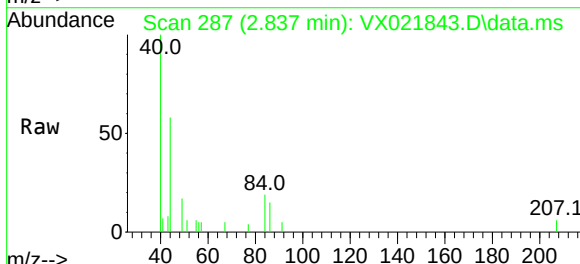
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

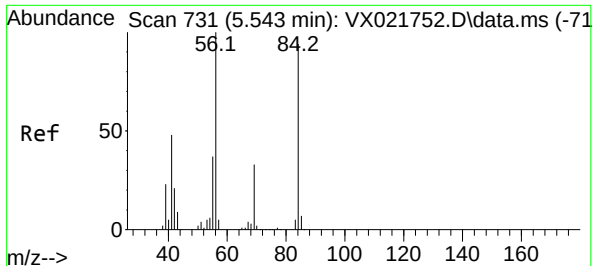
Tgt Ion: 43 Resp: 2549
Ion Ratio Lower Upper
43 100
58 45.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

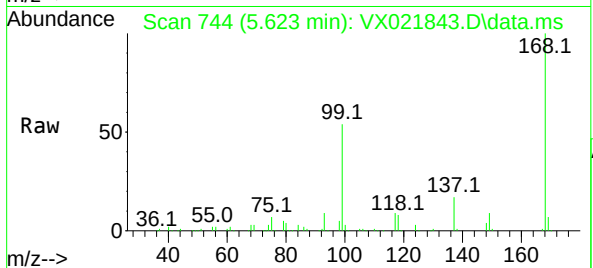
Tgt Ion: 84 Resp: 436
Ion Ratio Lower Upper
84 100
49 87.3 88.6 132.8#
51 29.9 27.0 40.6
86 76.9 50.3 75.5#



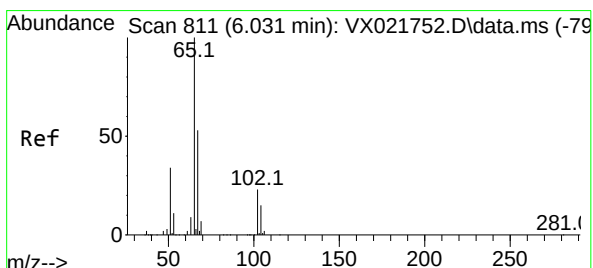
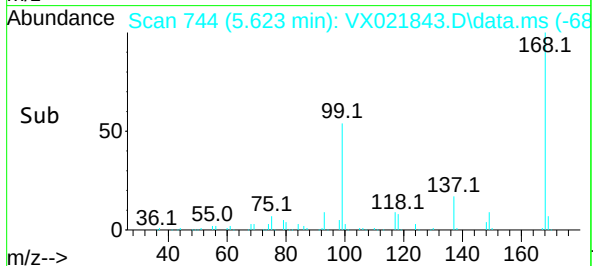
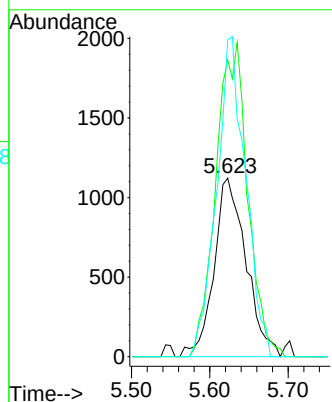


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

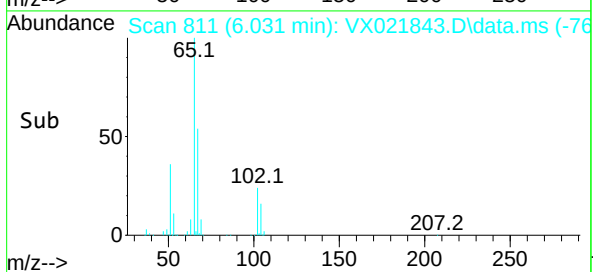
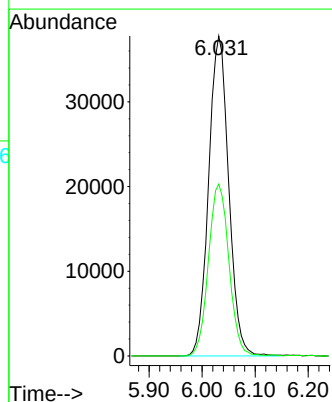
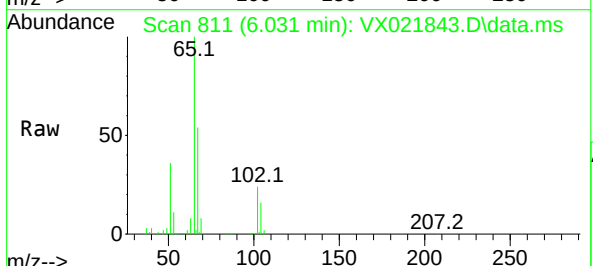


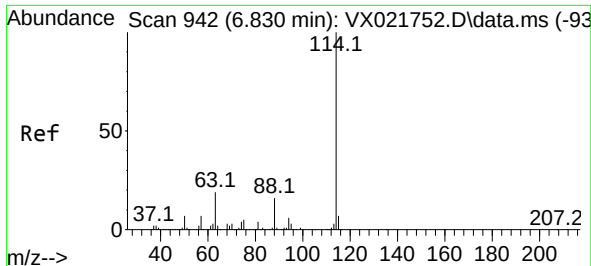
Tgt Ion: 56 Resp: 3186
Ion Ratio Lower Upper
56 100
69 166.1 25.3 37.9#
84 177.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.87 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

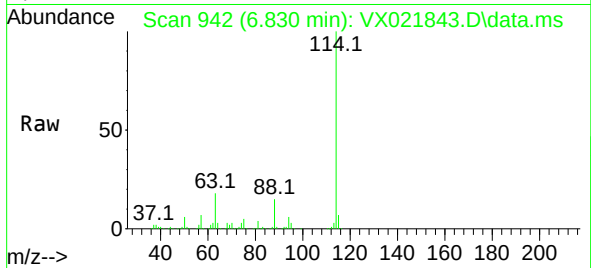
Tgt Ion: 65 Resp: 99264
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.4



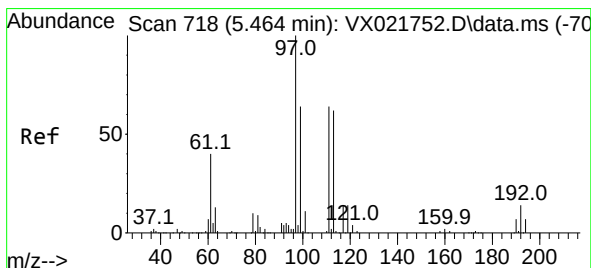
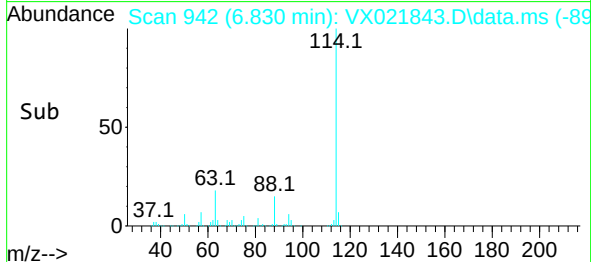
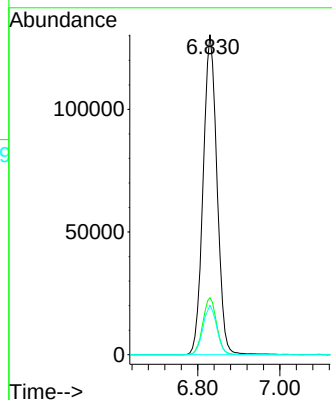


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Instrument :
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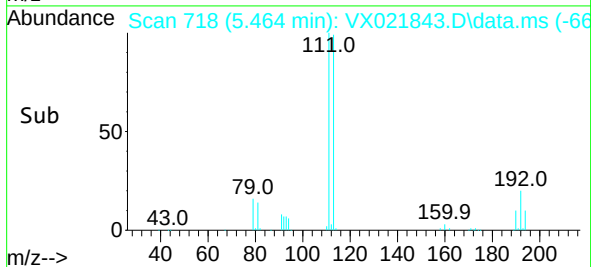
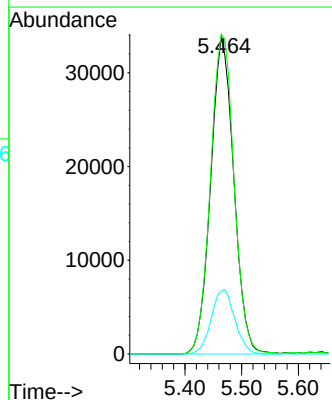
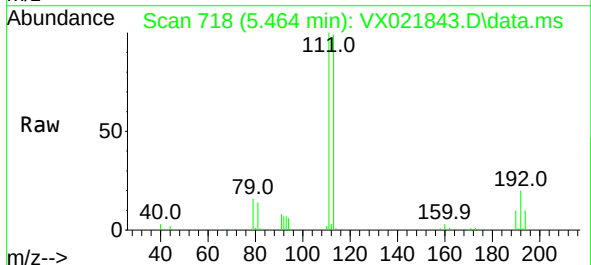


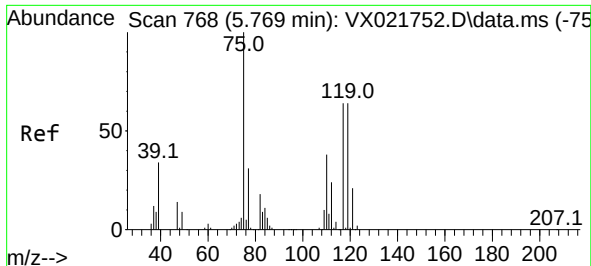
Tgt Ion:114 Resp: 305372
Ion Ratio Lower Upper
114 100
63 17.8 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.98 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion:113 Resp: 95642
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.7 16.7 25.1

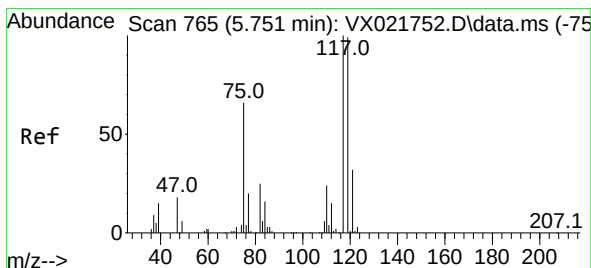
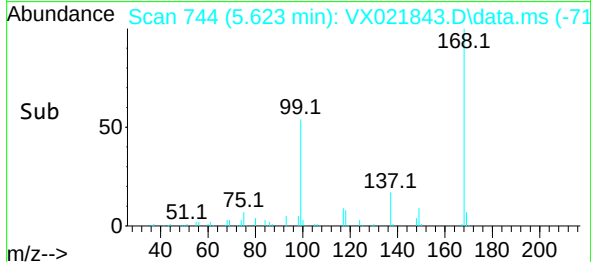
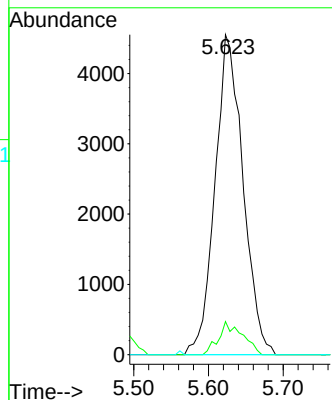
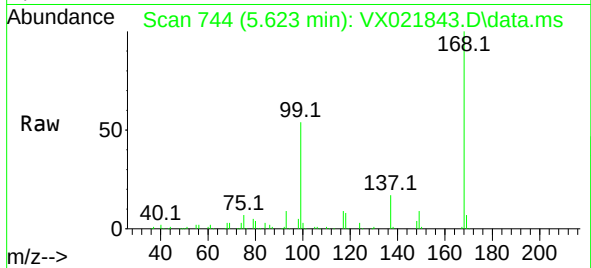




#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

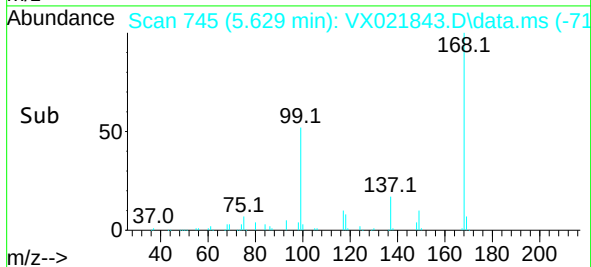
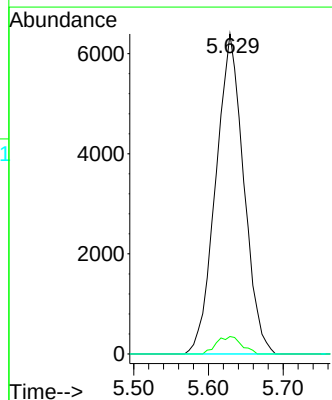
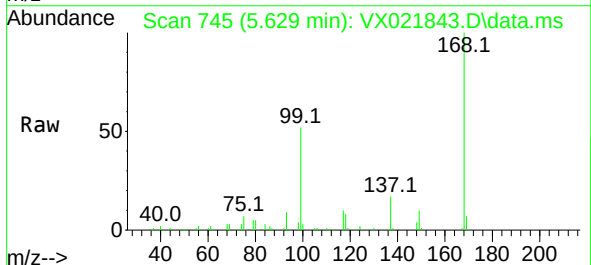
Instrument :
MSVOA_X
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152140-DDC-2-PS

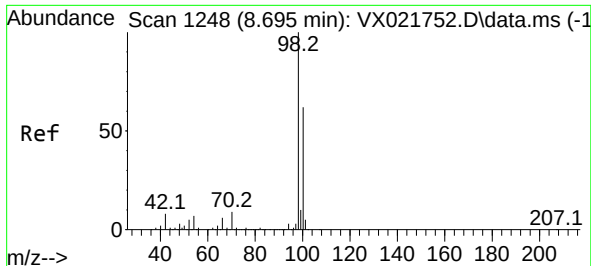
Tgt Ion: 75 Resp: 11854
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion: 117 Resp: 16612
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

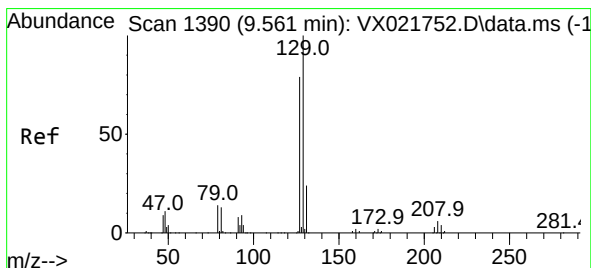
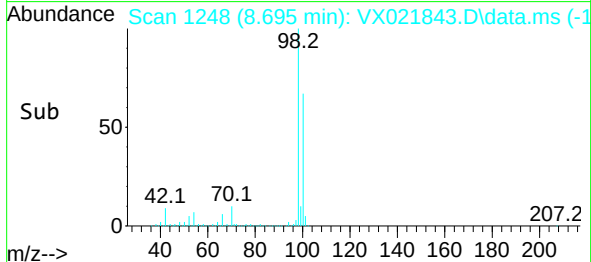
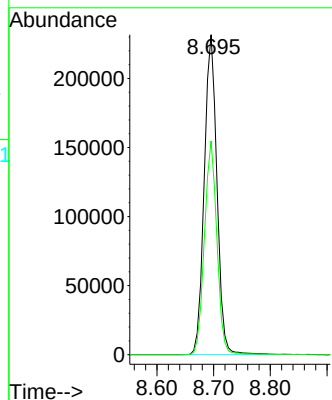
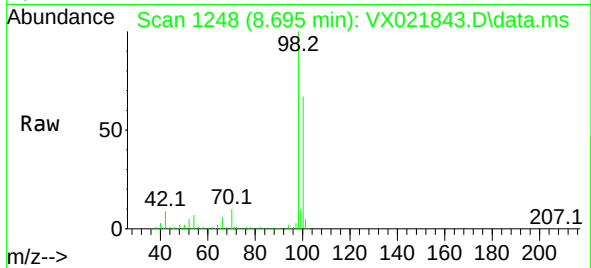




#50
Toluene-d8
Concen: 48.01 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

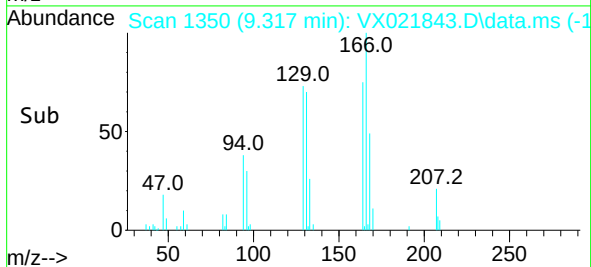
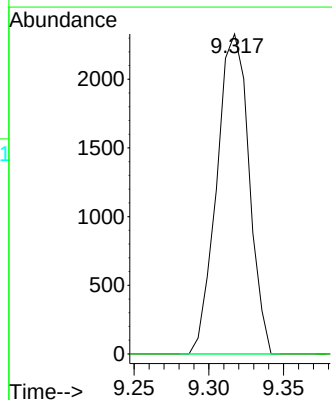
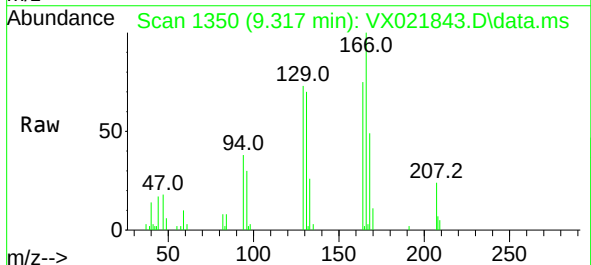
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

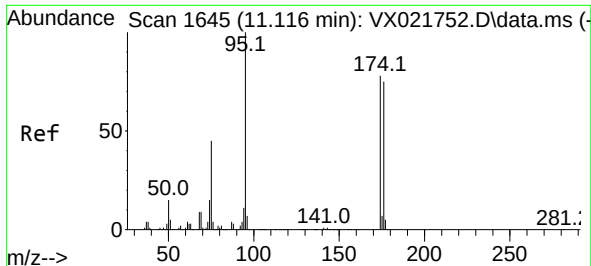
Tgt Ion: 98 Resp: 360495
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#60
Dibromochloromethane
Concen: 1.34 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion: 129 Resp: 3497
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

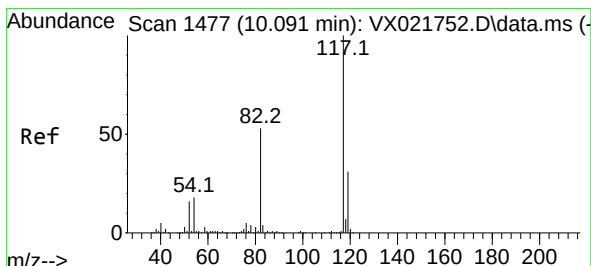
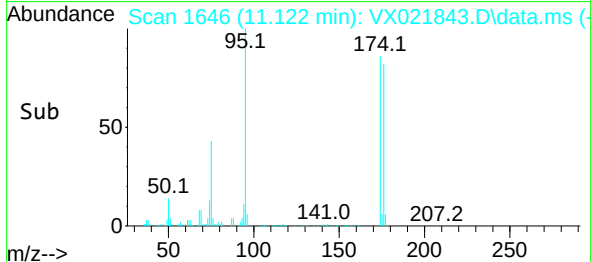
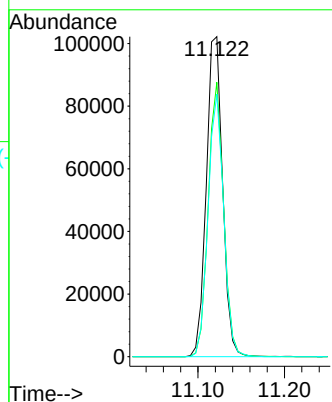
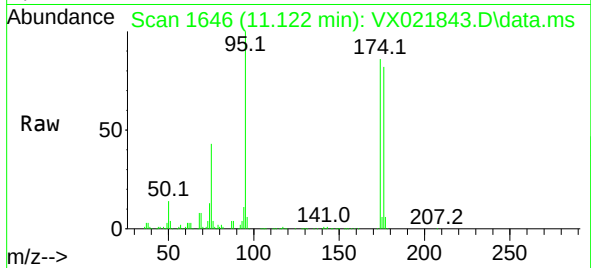




#62
4-Bromofluorobenzene
Concen: 47.67 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

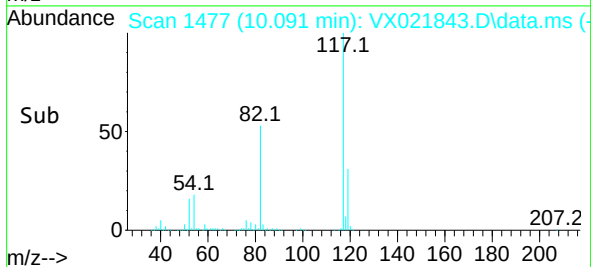
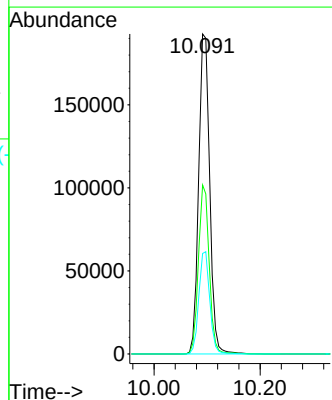
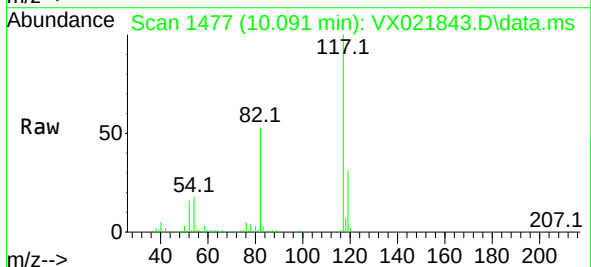
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

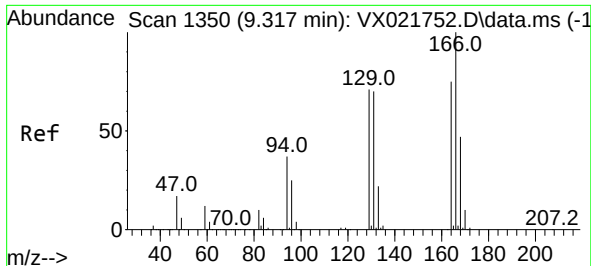
Tgt Ion: 95 Resp: 133667
Ion Ratio Lower Upper
95 100
174 81.0 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion: 117 Resp: 277480
Ion Ratio Lower Upper
117 100
82 52.8 47.4 71.2
119 31.4 26.6 39.8



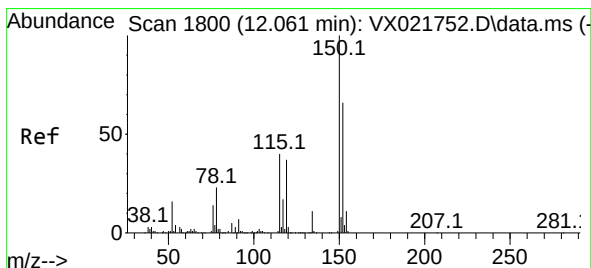
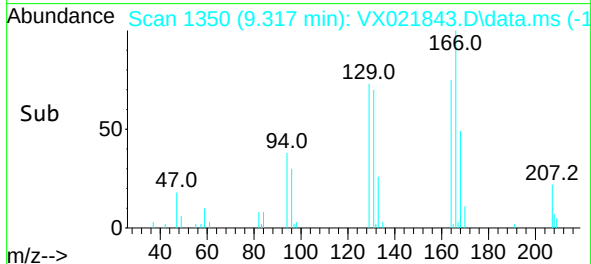
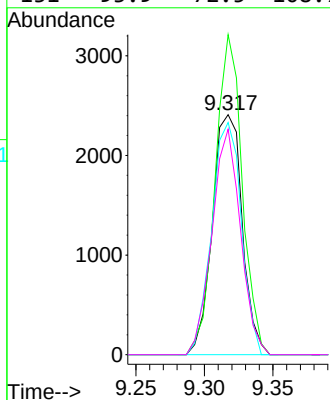
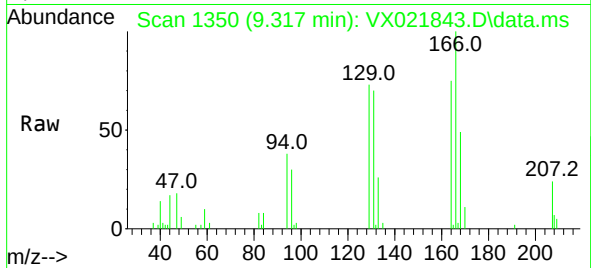


#64
Tetrachloroethene
Concen: 1.68 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

Tgt Ion:164 Resp: 3641

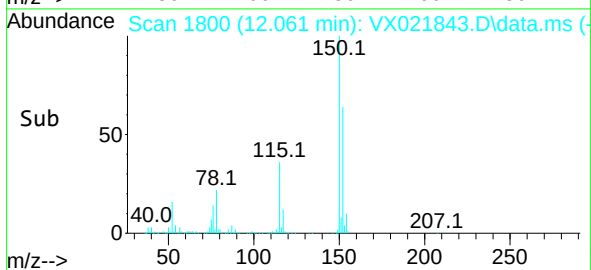
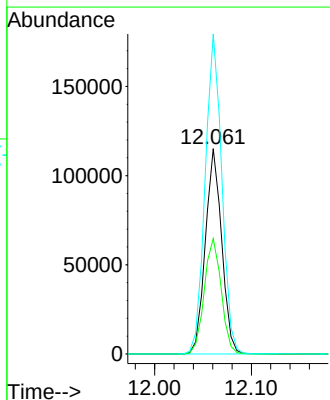
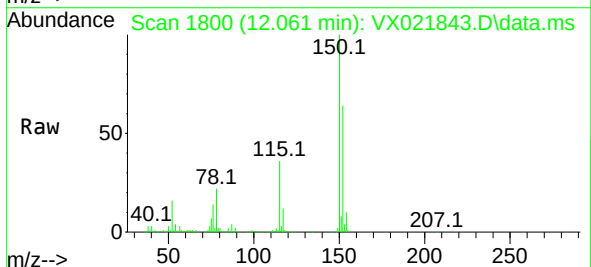
Ion	Ratio	Lower	Upper
164	100		
166	133.3	103.4	155.2
129	96.7	70.8	106.2
131	93.9	72.5	108.7

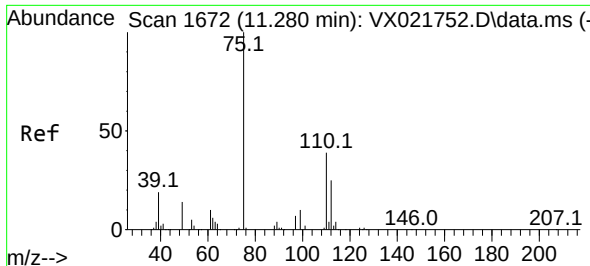


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion:152 Resp: 135455

Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.1	123.3
150	158.3	0.0	349.0

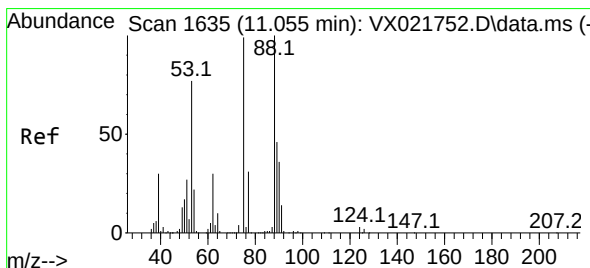
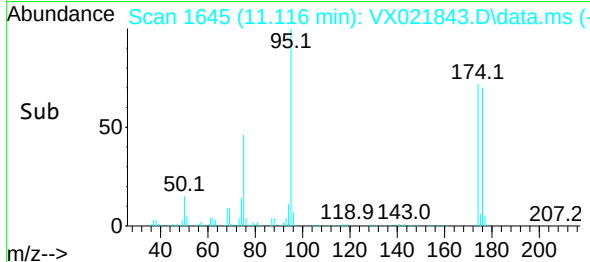
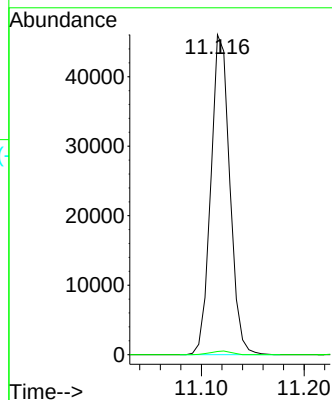
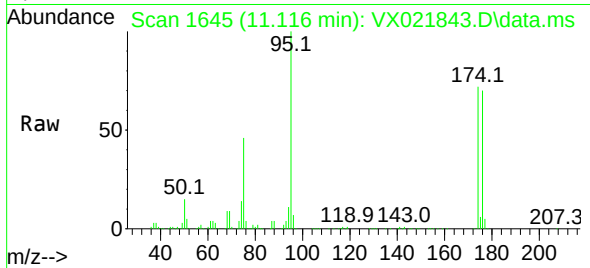




#76
1,2,3-Trichloropropane
Concen: 21.98 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-2-PS

Tgt Ion: 75 Resp: 59038
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.54 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021843.D
Acq: 23 Apr 2021 15:37

Tgt Ion: 75 Resp: 59038
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

