

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021858.D
 Acq On : 23 Apr 2021 21:18
 Operator : JC/MD
 Sample : M2138-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:08:21 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)

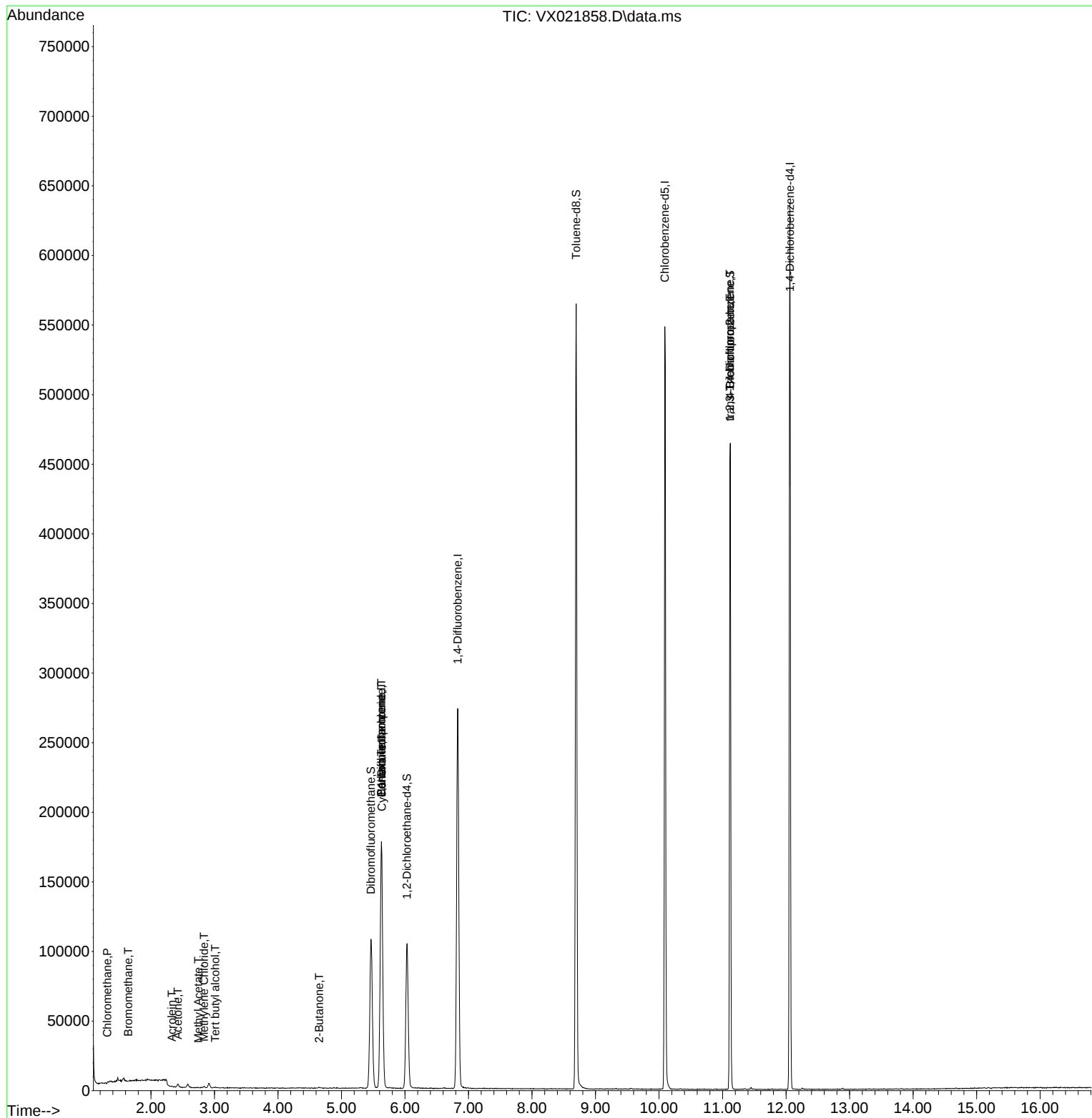
Internal Standards						
1) Pentafluorobenzene	5.629	168	178572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	300345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	280272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	142233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	98236	48.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.98%		
35) Dibromofluoromethane	5.464	113	95157	49.54	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.08%		
50) Toluene-d8	8.695	98	356913	48.33	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.66%		
62) 4-Bromofluorobenzene	11.122	95	133581	48.44	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.88%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	554	0.55	ug/l #	84
5) Bromomethane	1.642	94	214	0.24	ug/l	96
11) Tert butyl alcohol	3.014	59	448	1.01	ug/l #	79
13) Acrolein	2.331	56	115	0.32	ug/l #	82
16) Acetone	2.422	43	2372	3.41	ug/l	95
18) Methyl Acetate	2.745	43	430	0.23	ug/l #	47
20) Methylene Chloride	2.837	84	485	0.23	ug/l #	84
25) 2-Butanone	4.647	43	334	0.28	ug/l #	45
31) Cyclohexane	5.635	56	2652	0.93	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11408	4.30	ug/l #	50
38) Carbon Tetrachloride	5.629	117	16257	5.60	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	59939	21.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	59939	48.87	ug/l #	12

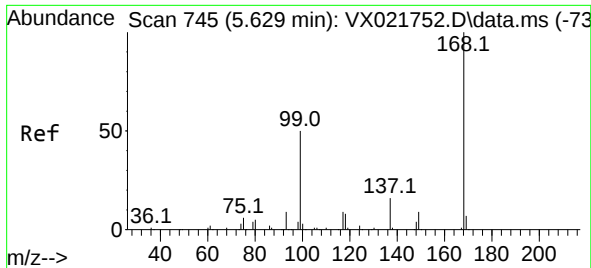
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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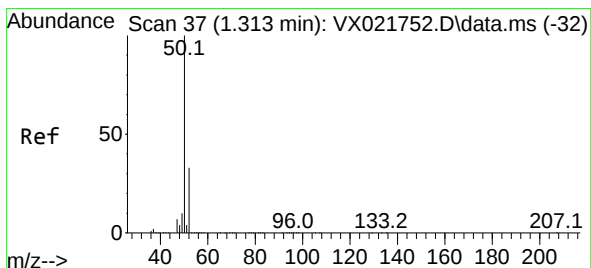
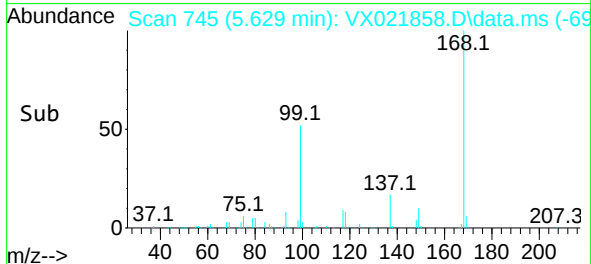
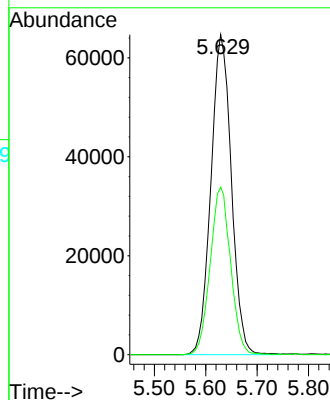
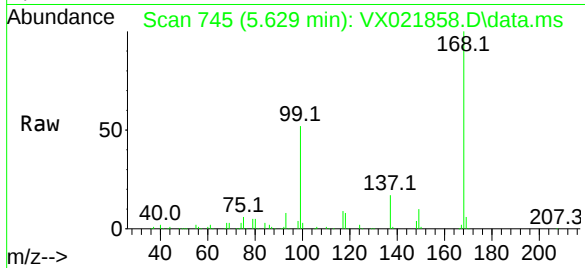




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

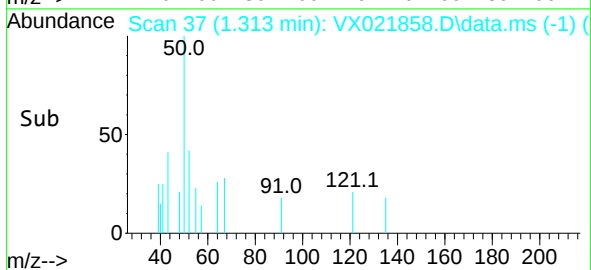
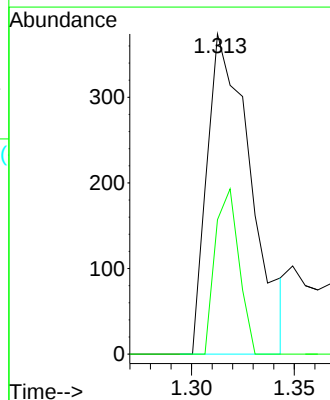
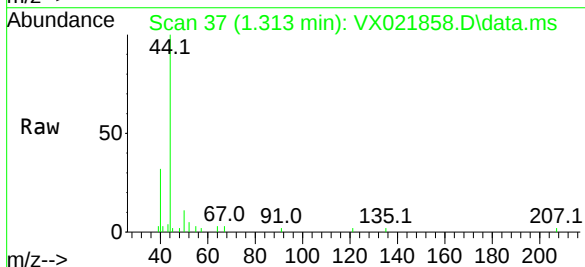
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 178572
Ion Ratio Lower Upper
168 100
99 52.4 45.8 68.6



#3
Chloromethane
Concen: 0.55 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 42.0 26.4 39.6#

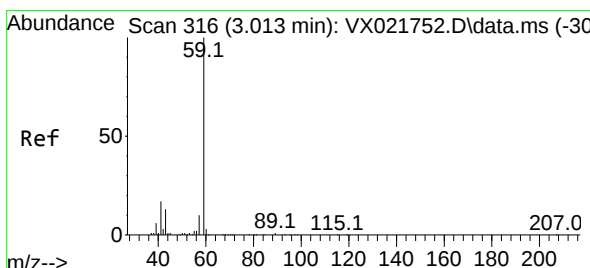
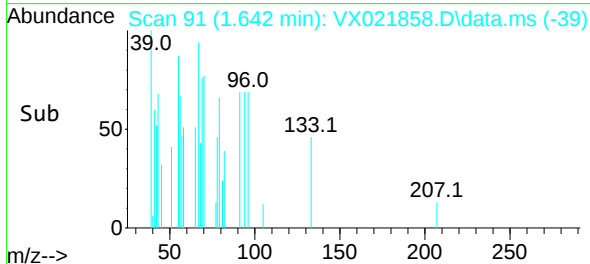
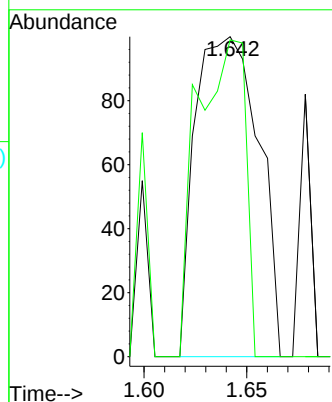
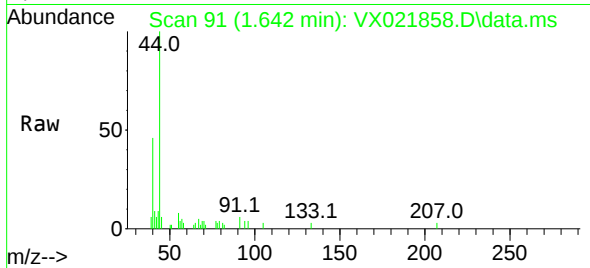




#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

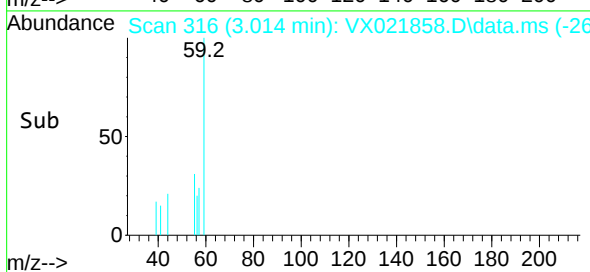
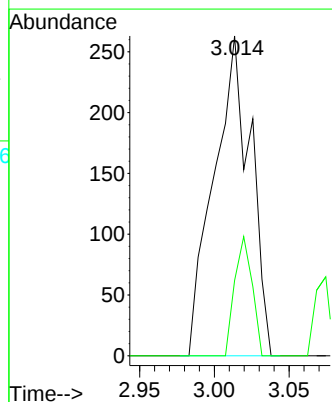
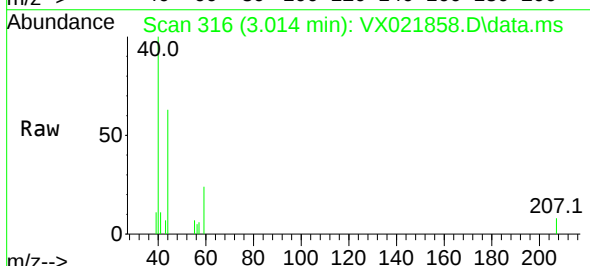
Instrument :
MSVOA_X
ClientSampleId :

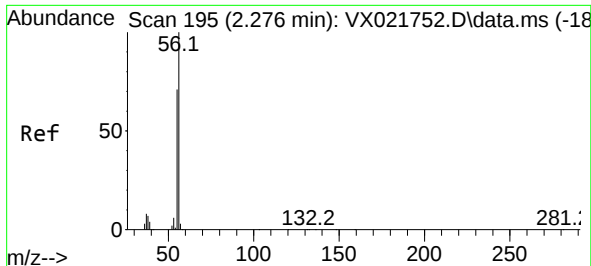
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 99.0 76.4 114.6



#11
Tert butyl alcohol
Concen: 1.01 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 17.6 7.8 11.8#

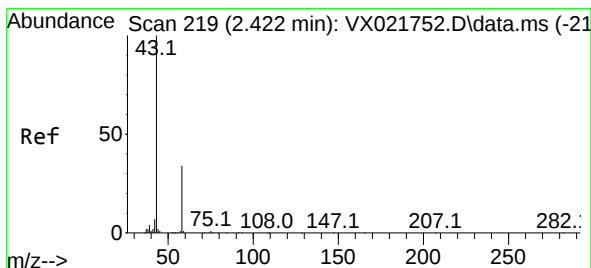
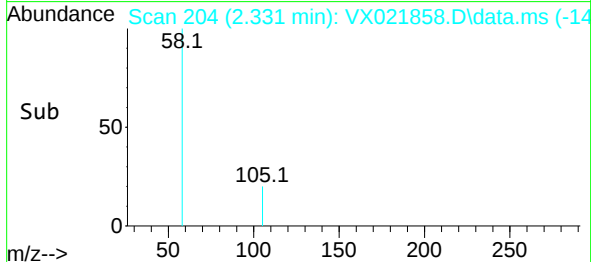
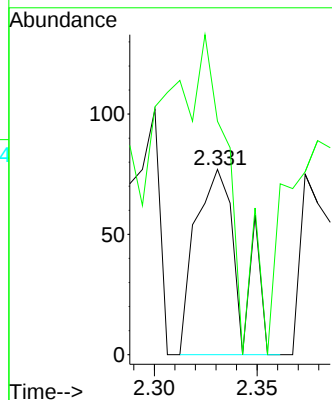
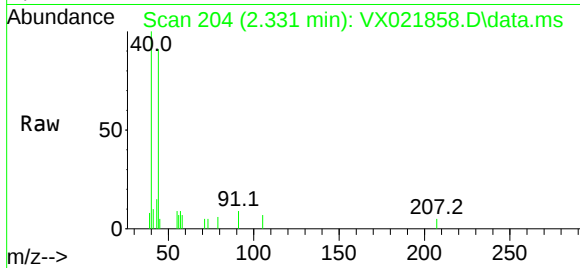




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.055 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

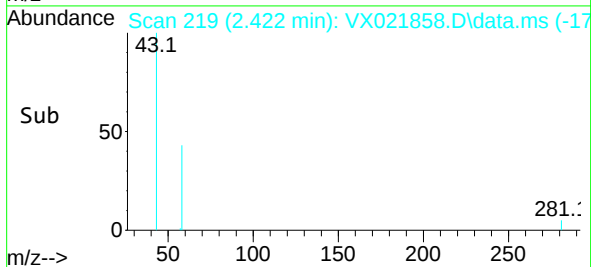
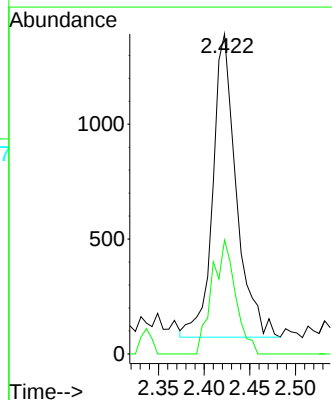
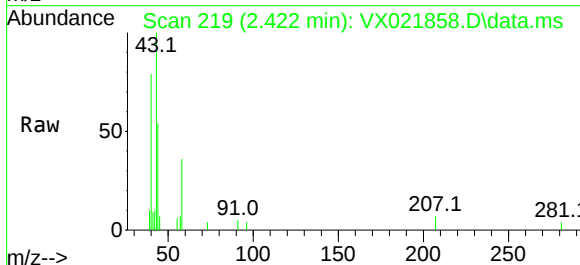
Instrument :
MSVOA_X
ClientSampled :

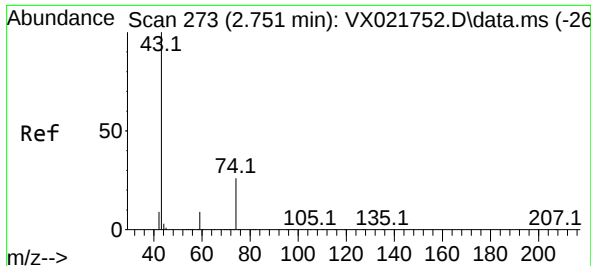
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 55.7 56.4 84.6#



#16
Acetone
Concen: 3.41 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
58 37.6 27.8 41.8

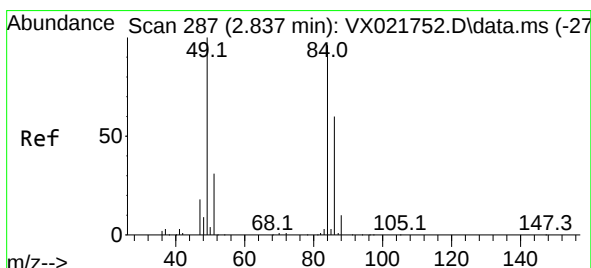
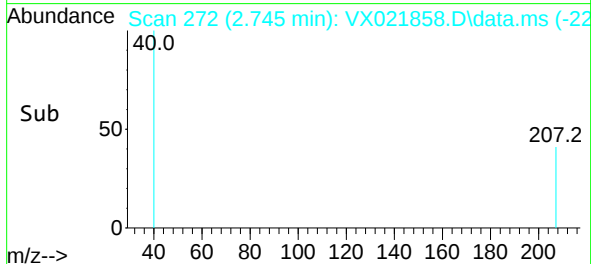
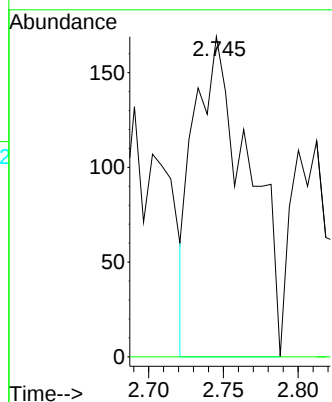
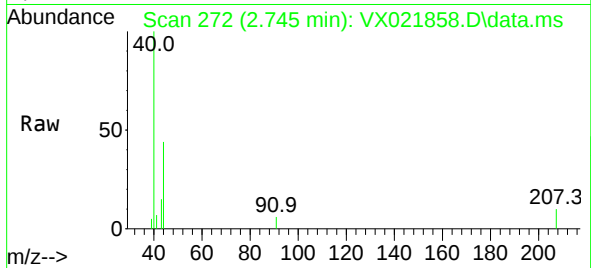




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.745 min Scan# 272
Delta R.T. -0.006 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

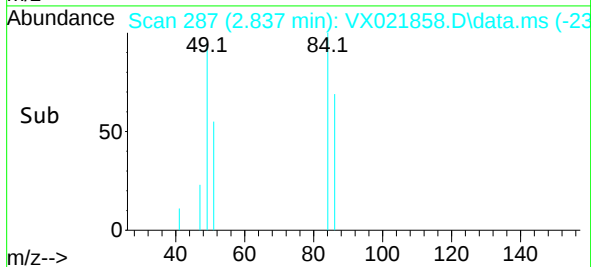
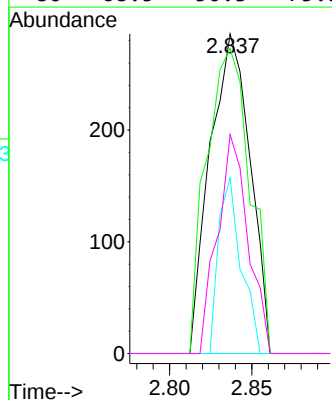
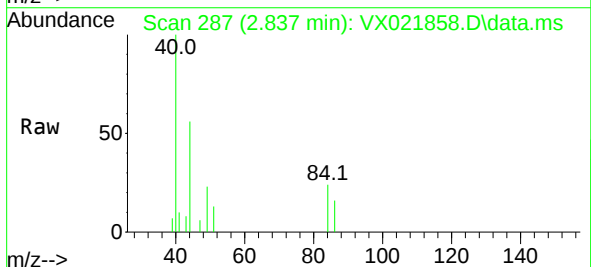
Instrument :
MSVOA_X
ClientSampleId :

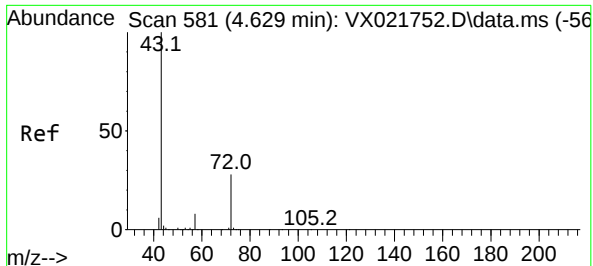
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Tgt Ion: 84 Resp: 485
Ion Ratio Lower Upper
84 100
49 95.5 88.6 132.8
51 54.9 27.0 40.6#
86 68.5 50.3 75.5





#25

2-Butanone

Concen: 0.28 ug/l

RT: 4.647 min Scan# 584

Delta R.T. 0.018 min

Lab File: VX021858.D

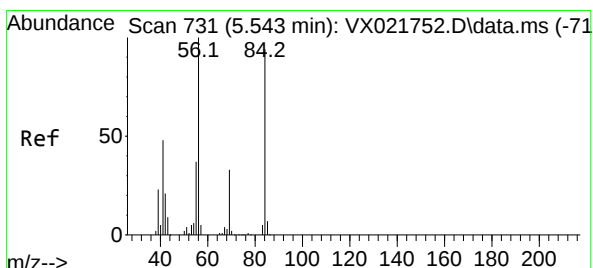
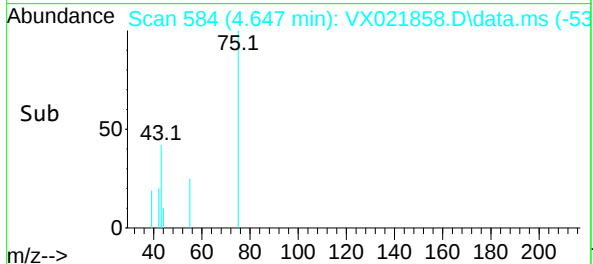
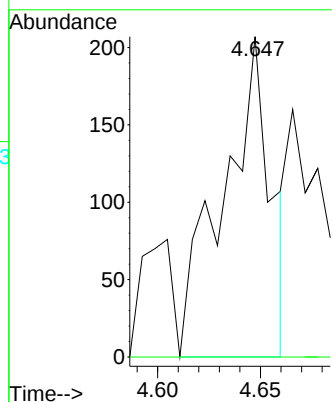
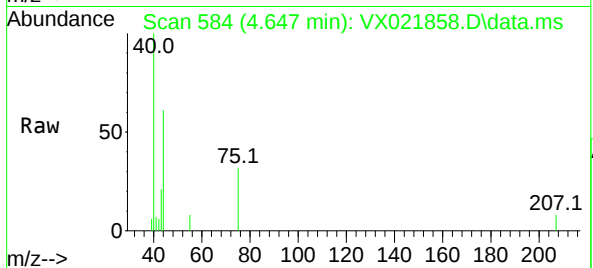
Acq: 23 Apr 2021 21:18

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.635 min Scan# 746

Delta R.T. 0.092 min

Lab File: VX021858.D

Acq: 23 Apr 2021 21:18

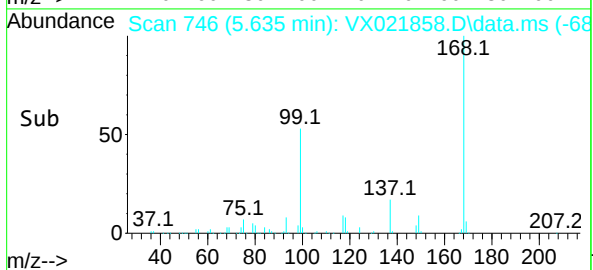
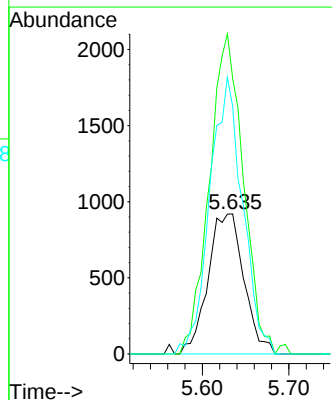
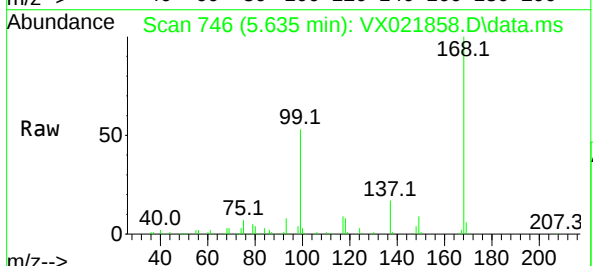
Tgt Ion: 56 Resp: 2652

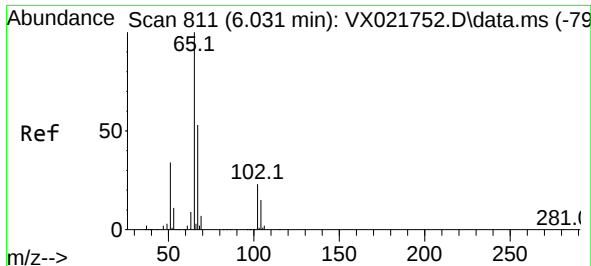
Ion Ratio Lower Upper

56 100

69 196.7 25.3 37.9#

84 176.7 71.4 107.0#

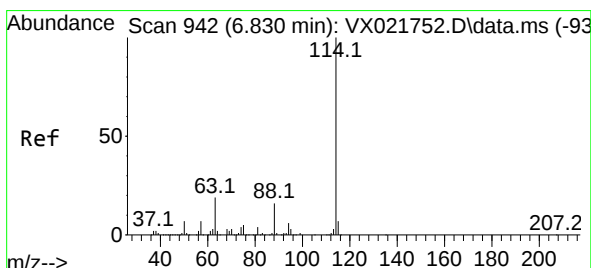
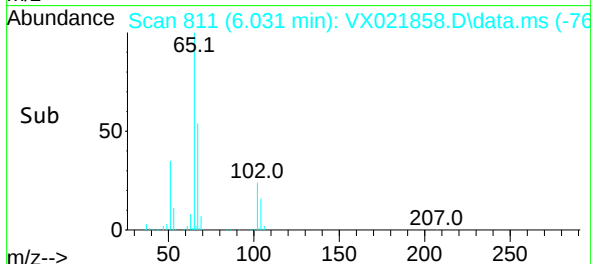
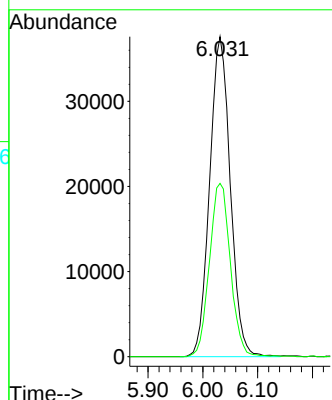
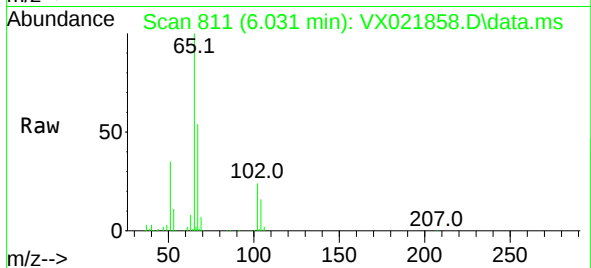




#33
1,2-Dichloroethane-d4
Concen: 48.49 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

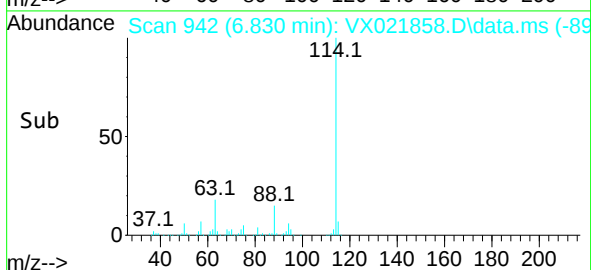
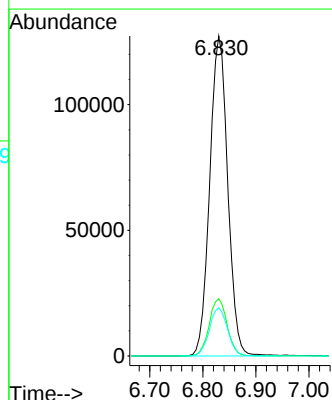
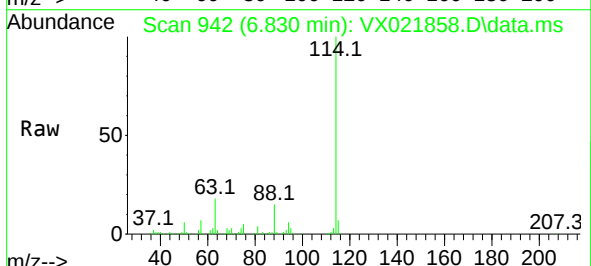
Instrument :
MSVOA_X
ClientSampled :

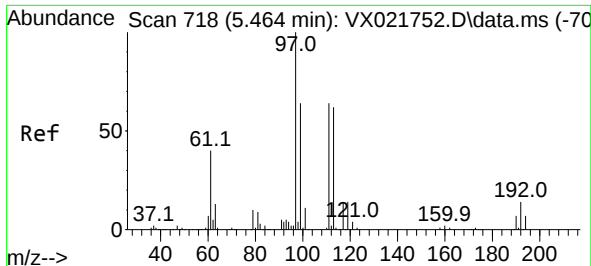
Tgt Ion: 65 Resp: 98236
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Tgt Ion: 114 Resp: 300345
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 15.1 0.0 32.8

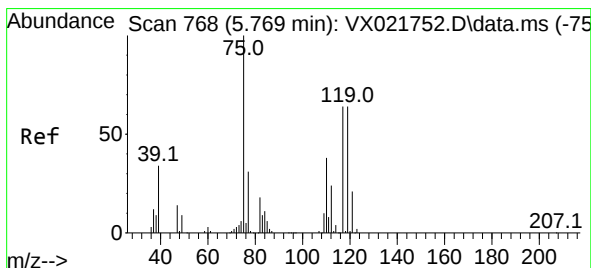
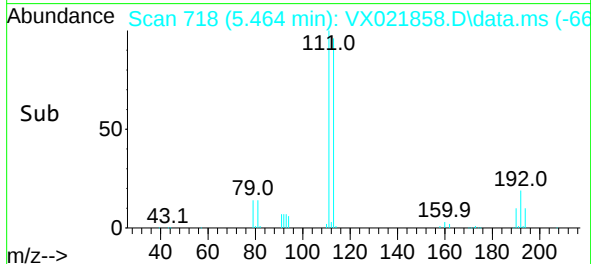
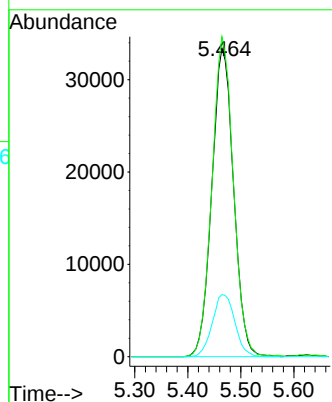
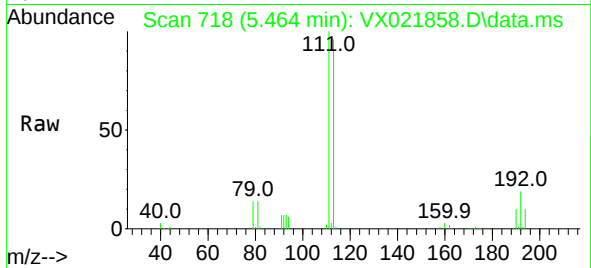




#35
Dibromofluoromethane
Concen: 49.54 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

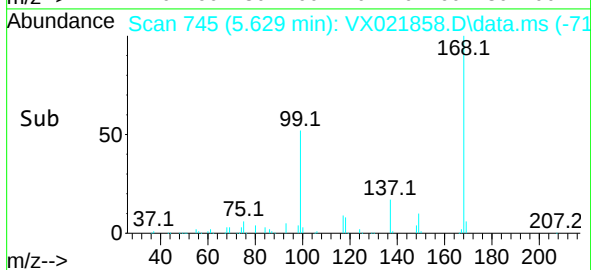
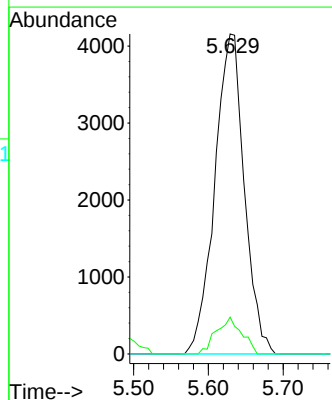
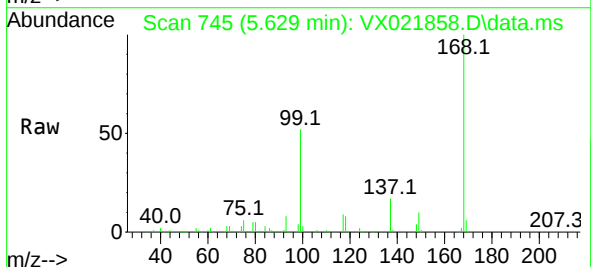
Instrument :
MSVOA_X
ClientSampleId :

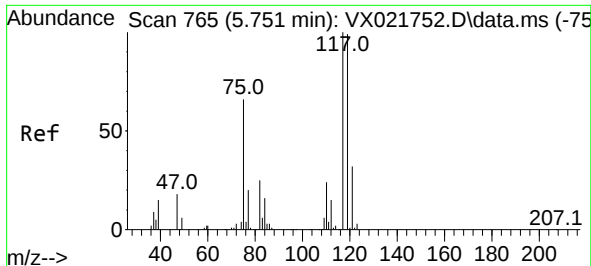
Tgt Ion:113 Resp: 95157
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

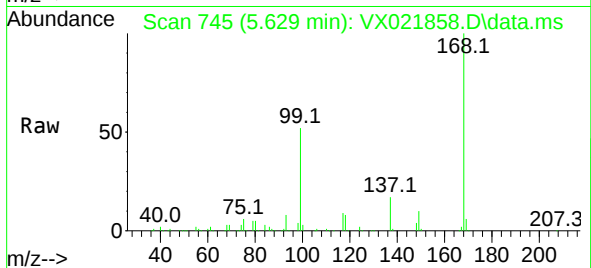
Tgt Ion: 75 Resp: 11408
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



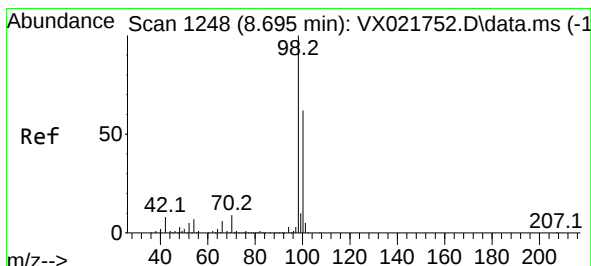
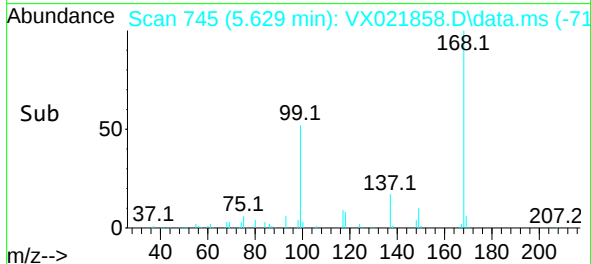
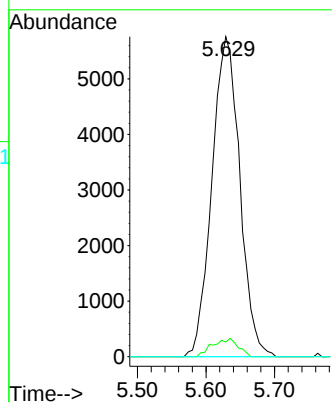


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Instrument :
MSVOA_X
ClientSampleId :

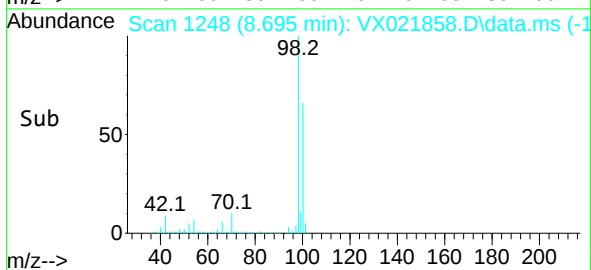
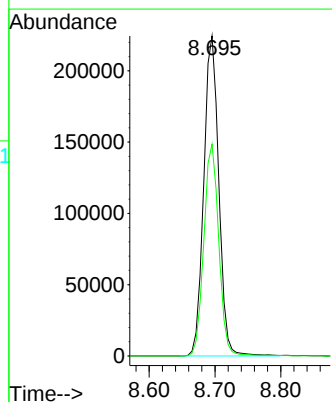
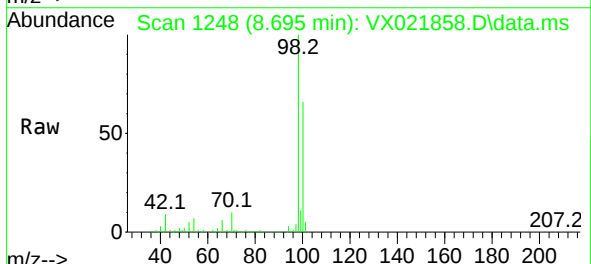


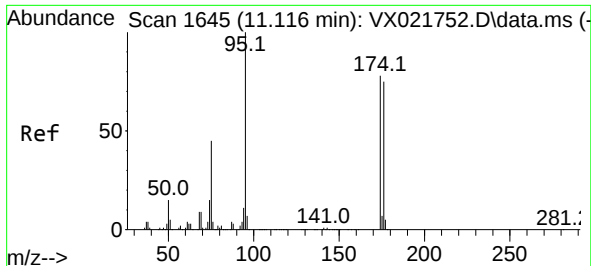
Tgt Ion: 117 Resp: 16257
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.33 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Tgt Ion: 98 Resp: 356913
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

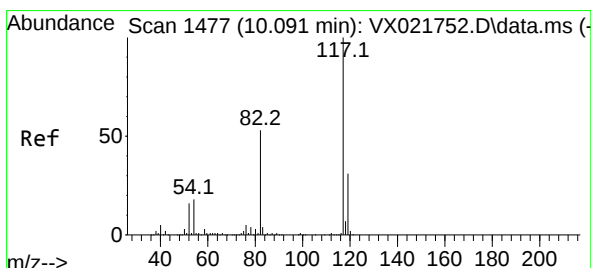
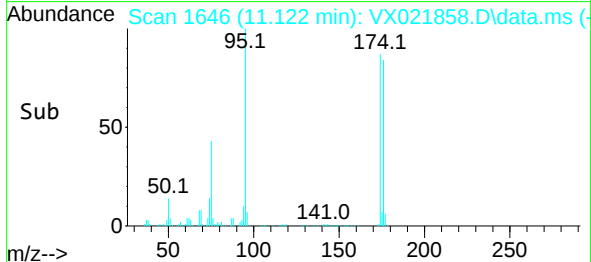
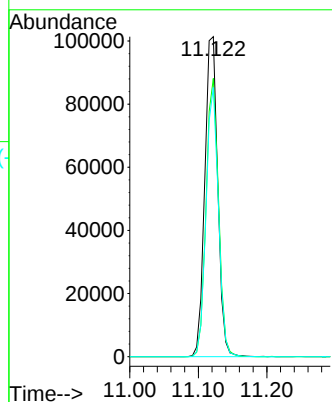
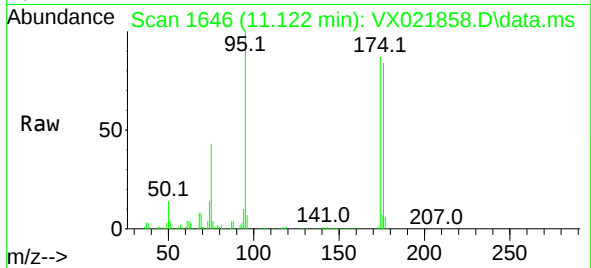




#62
4-Bromofluorobenzene
Concen: 48.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

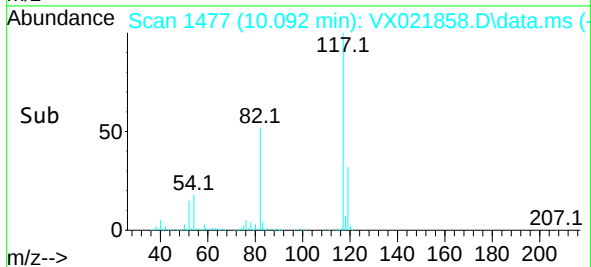
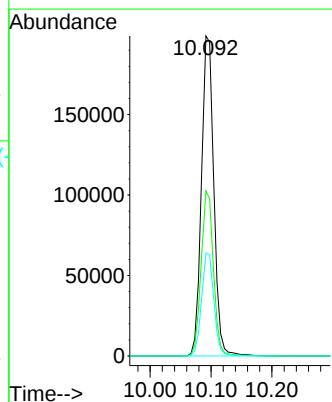
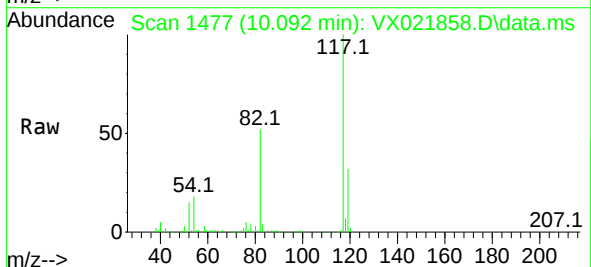
Instrument :
MSVOA_X
ClientSampled :

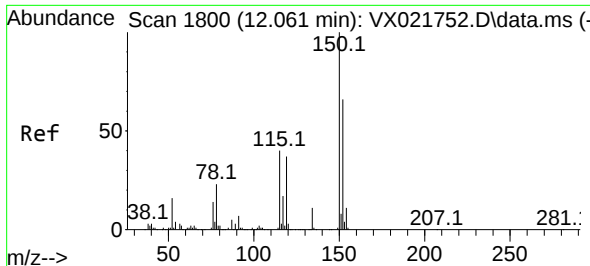
Tgt Ion: 95 Resp: 133581
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 80.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021858.D
Acq: 23 Apr 2021 21:18

Tgt Ion: 117 Resp: 280272
Ion Ratio Lower Upper
117 100
82 51.6 47.4 71.2
119 32.1 26.6 39.8

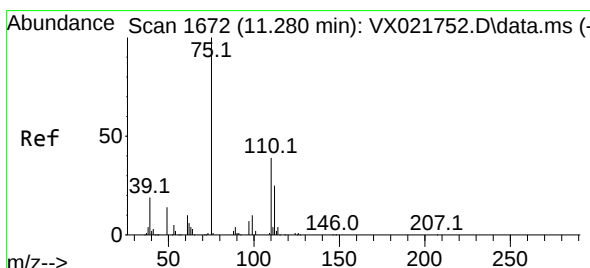
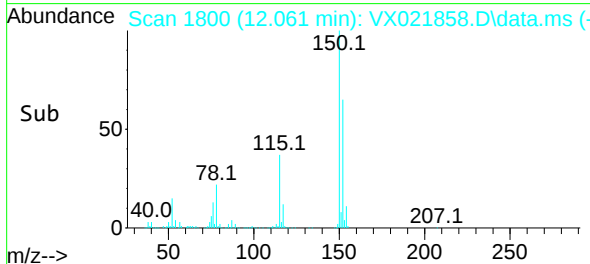
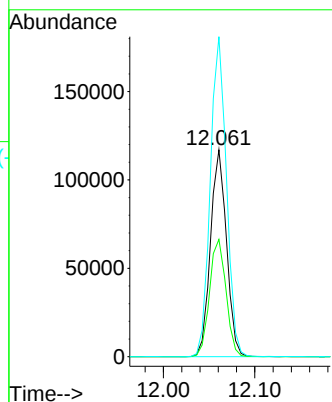
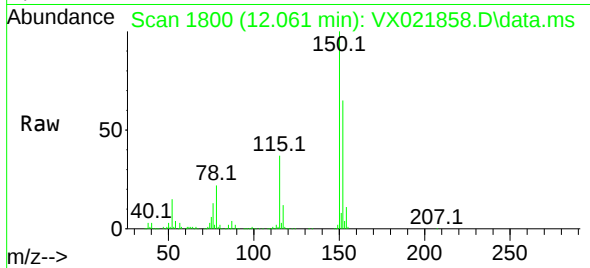




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021858.D
 Acq: 23 Apr 2021 21:18

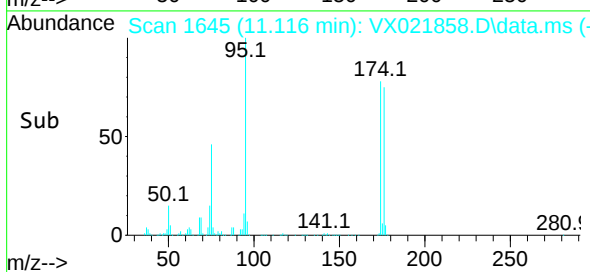
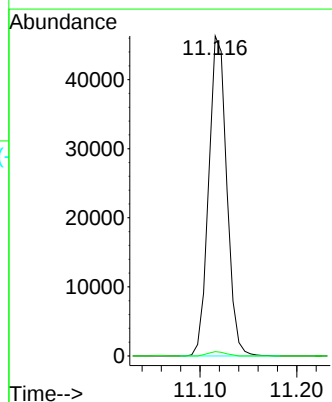
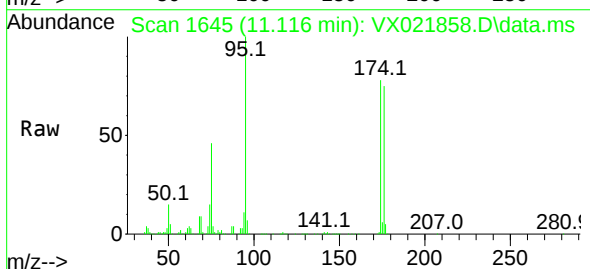
Instrument :
 MSVOA_X
 ClientSampleId :

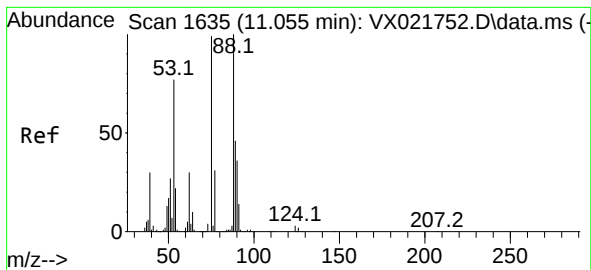
Tgt Ion:152 Resp: 142233
 Ion Ratio Lower Upper
 152 100
 115 58.1 41.1 123.3
 150 155.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.25 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021858.D
 Acq: 23 Apr 2021 21:18

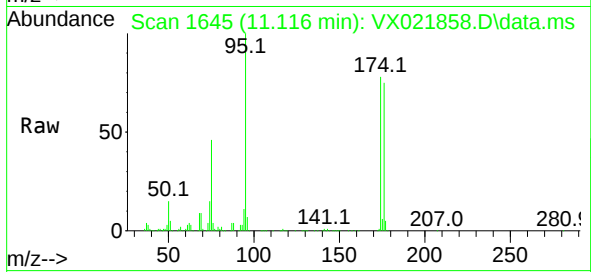
Tgt Ion: 75 Resp: 59939
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.87 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021858.D
 Acq: 23 Apr 2021 21:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 59939
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

