

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021817.D
 Acq On : 22 Apr 2021 15:26
 Operator : JC/MD
 Sample : M2114-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:43:02 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)

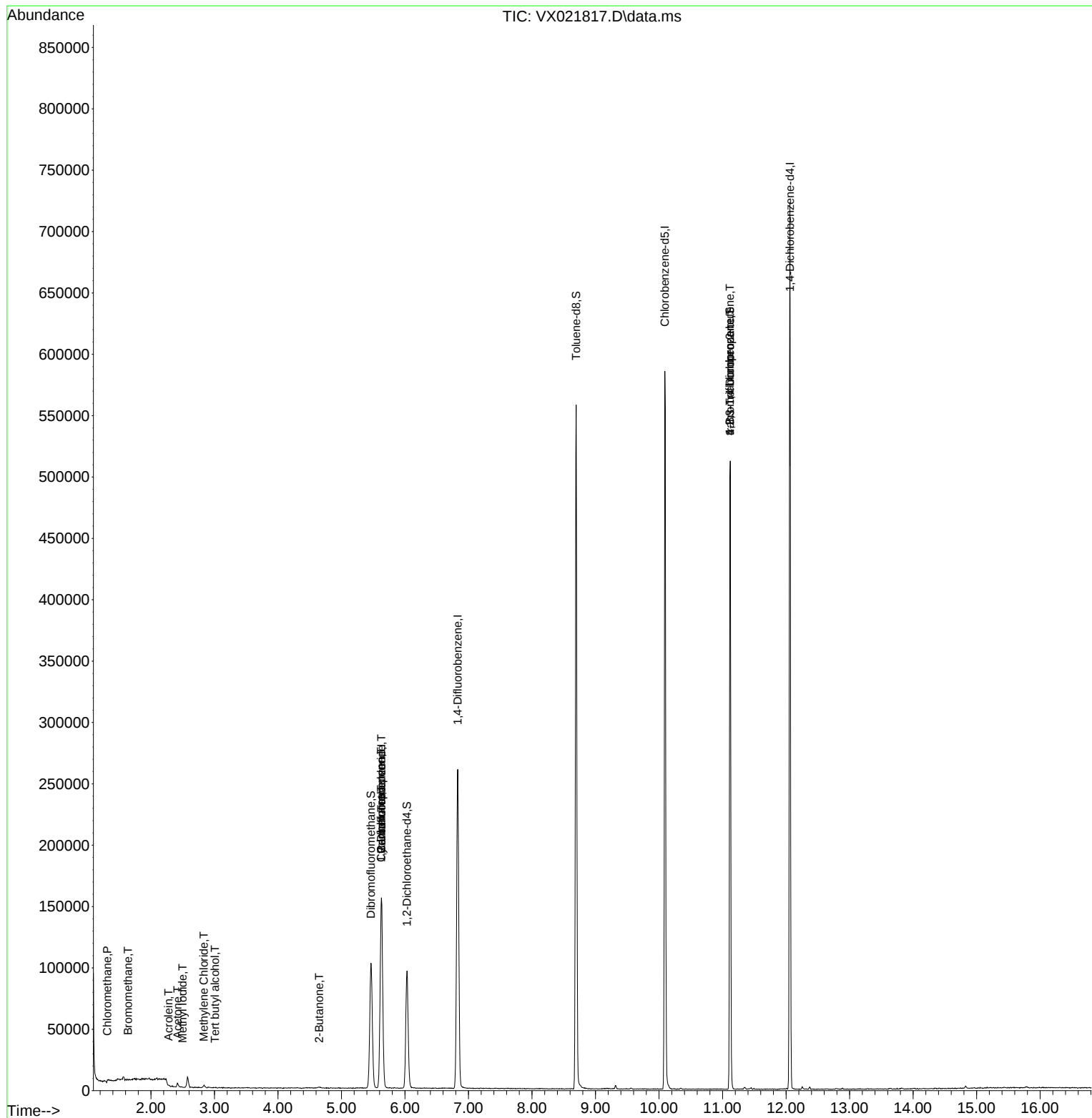
Internal Standards						
1) Pentafluorobenzene	5.629	168	156388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	281898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	296042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	90265	50.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.76%			
35) Dibromofluoromethane	5.464	113	90661	50.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.58%			
50) Toluene-d8	8.695	98	345720	49.88	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.76%			
62) 4-Bromofluorobenzene	11.116	95	146847	56.73	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.46%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	1090	0.85	ug/l #	76
5) Bromomethane	1.636	94	244	0.31	ug/l #	8
10) Methyl Iodide	2.495	142	52	8.18	ug/l #	42
11) Tert butyl alcohol	3.007	59	128	0.33	ug/l #	73
13) Acrolein	2.276	56	201	0.64	ug/l #	14
16) Acetone	2.416	43	2881	4.72	ug/l	97
20) Methylene Chloride	2.831	84	985	0.54	ug/l	92
25) 2-Butanone	4.647	43	260	0.25	ug/l #	45
31) Cyclohexane	5.623	56	2727	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	10516	4.23	ug/l #	49
38) Carbon Tetrachloride	5.629	117	14492	5.32	ug/l #	15
76) 1,2,3-Trichloropropane	11.116	75	66590	21.98	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	66590	50.54	ug/l #	12

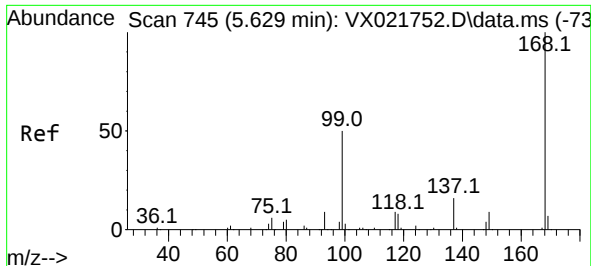
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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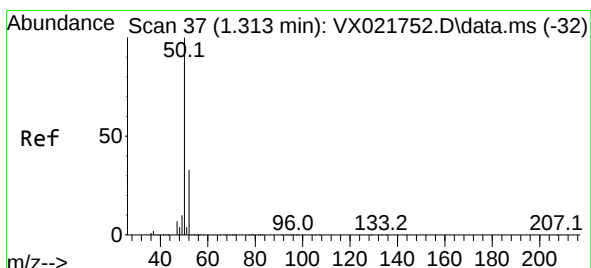
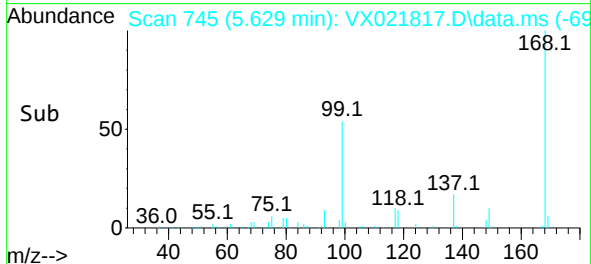
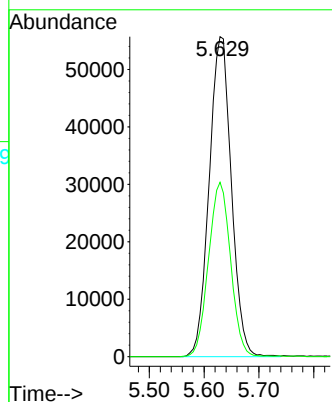
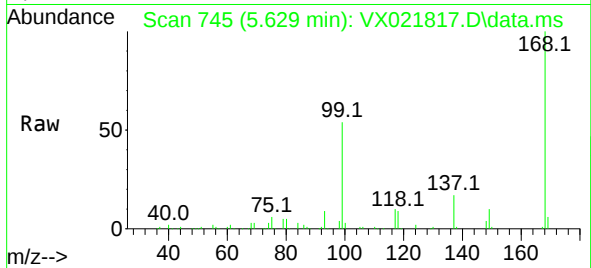




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

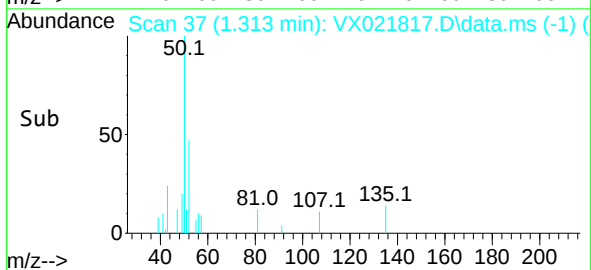
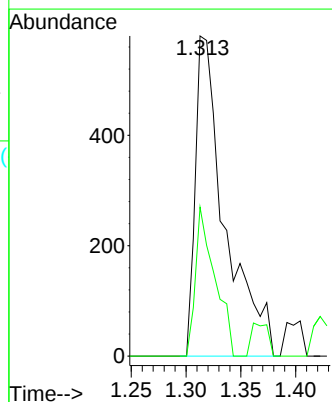
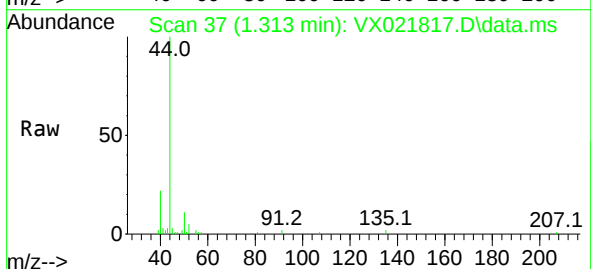
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 156388
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#3
Chloromethane
Concen: 0.85 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 50 Resp: 1090
Ion Ratio Lower Upper
50 100
52 46.6 26.4 39.6#

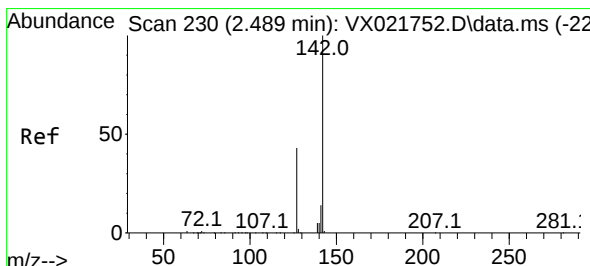
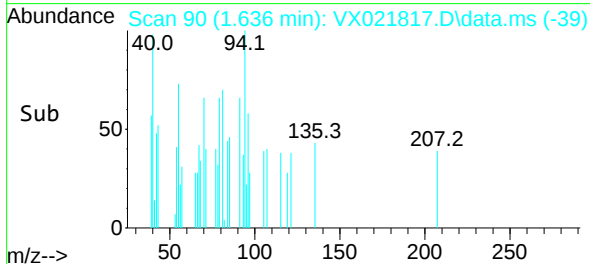
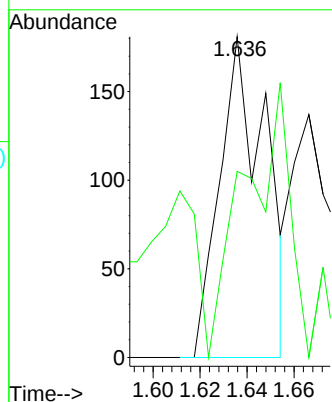
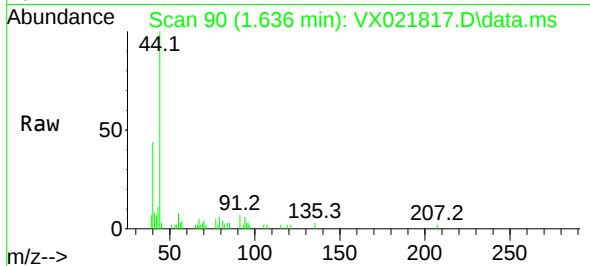




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.013 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

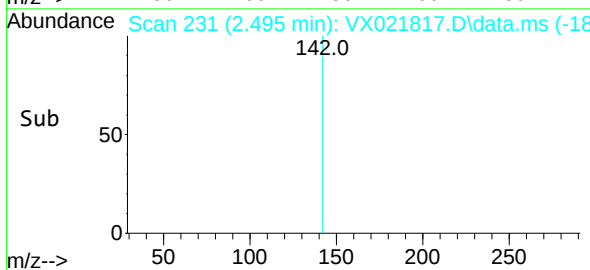
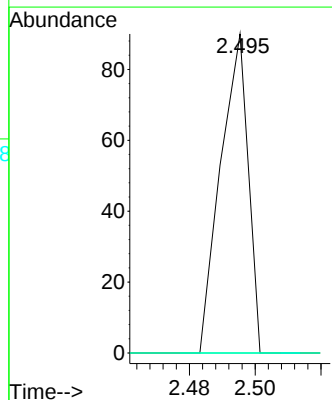
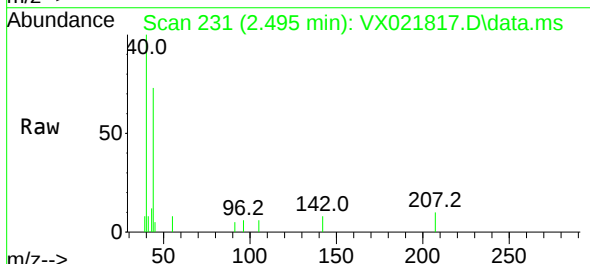
Instrument :
MSVOA_X
ClientSampleId :

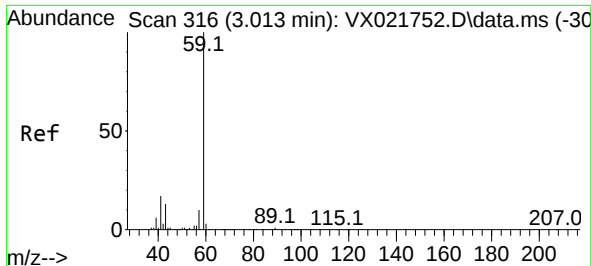
Tgt Ion: 94 Resp: 244
Ion Ratio Lower Upper
94 100
96 6.1 76.4 114.6#



#10
Methyl Iodide
Concen: 8.18 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

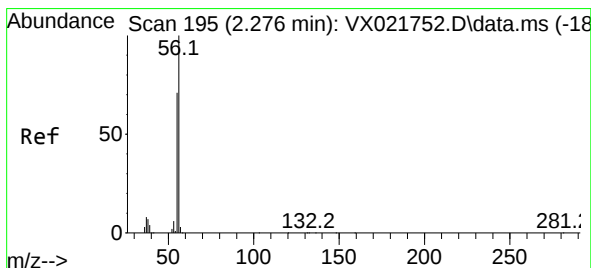
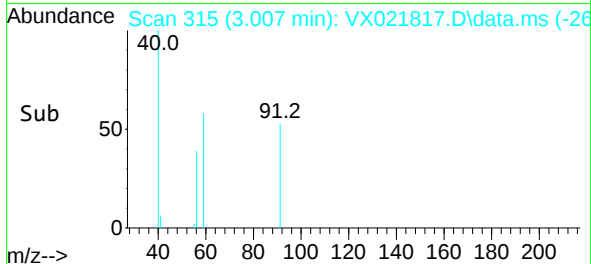
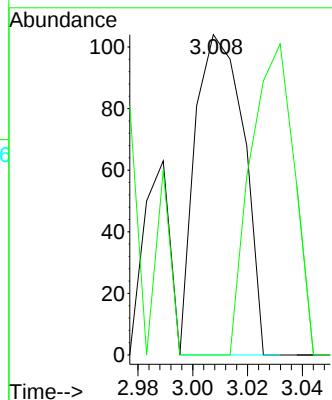
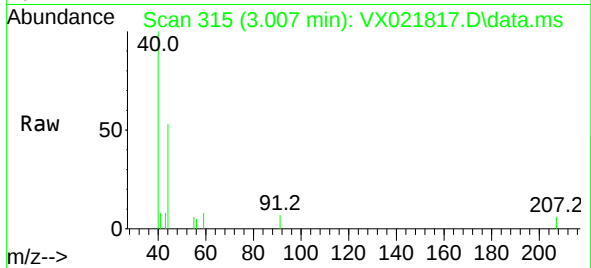




#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

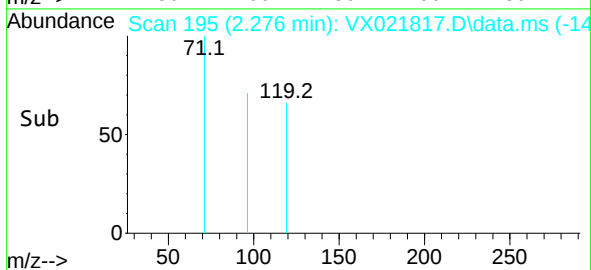
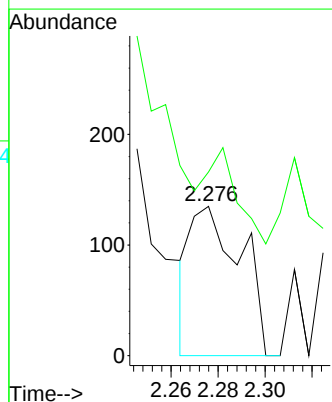
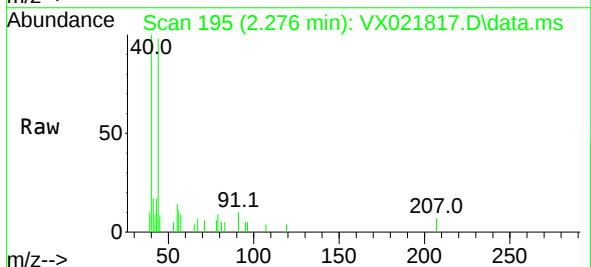
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.64 ug/l
RT: 2.276 min Scan# 195
Delta R.T. -0.000 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

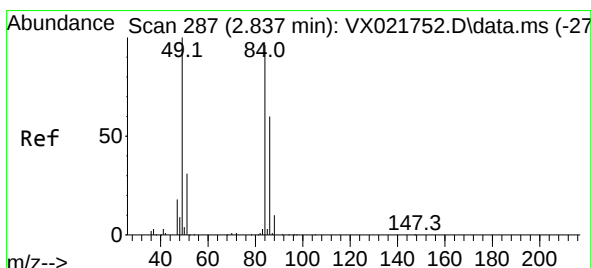
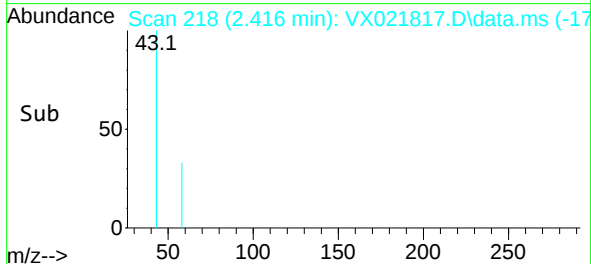
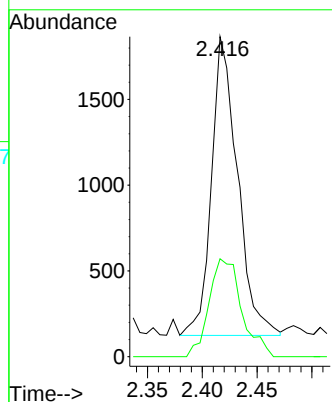
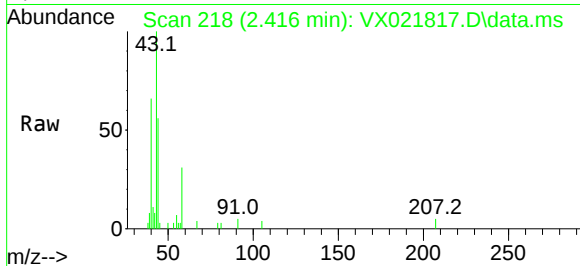




#16
Acetone
Concen: 4.72 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

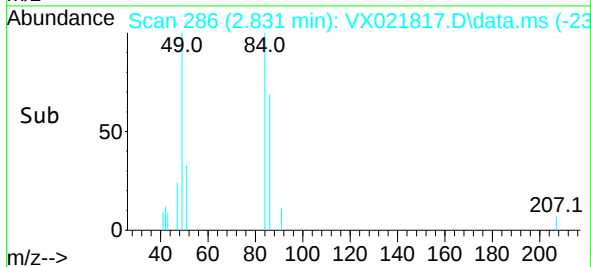
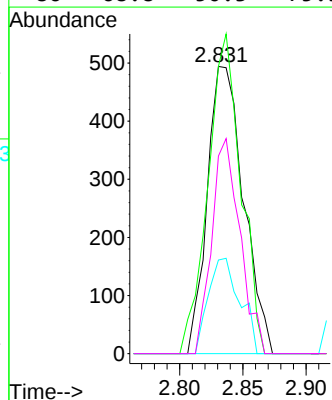
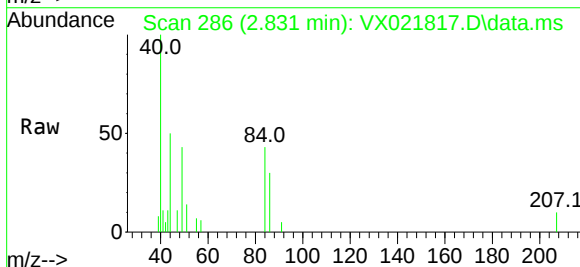
Instrument :
MSVOA_X
ClientSampled :

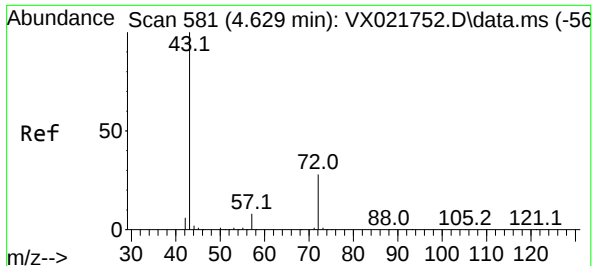
Tgt Ion: 43 Resp: 2881
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.54 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 84 Resp: 985
Ion Ratio Lower Upper
84 100
49 100.0 88.6 132.8
51 32.6 27.0 40.6
86 68.8 50.3 75.5





#25

2-Butanone

Concen: 0.25 ug/l

RT: 4.647 min Scan# 584

Delta R.T. 0.018 min

Lab File: VX021817.D

Acq: 22 Apr 2021 15:26

Tgt Ion: 43 Resp: 260

Ion Ratio Lower Upper

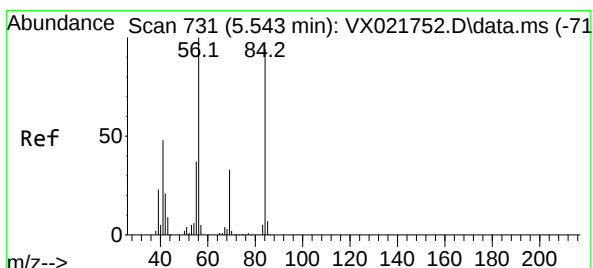
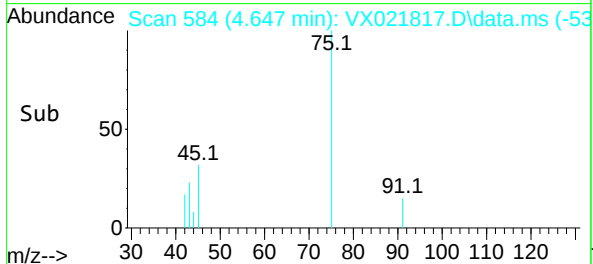
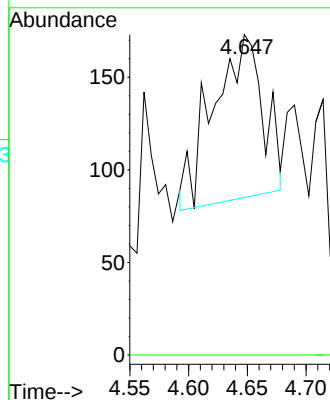
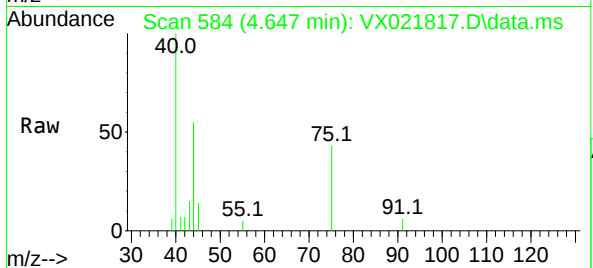
43 100

72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampled :



#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.080 min

Lab File: VX021817.D

Acq: 22 Apr 2021 15:26

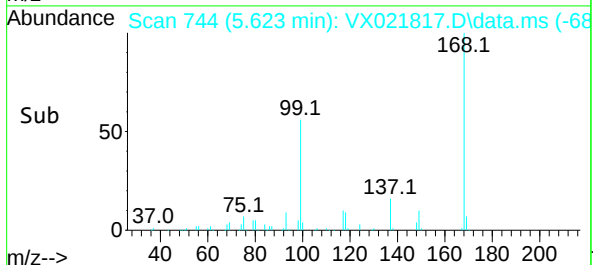
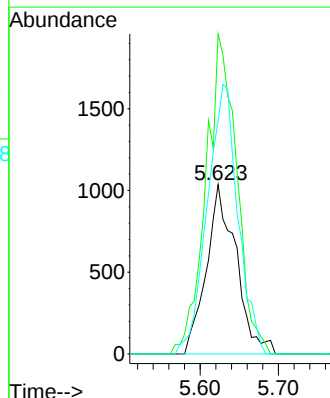
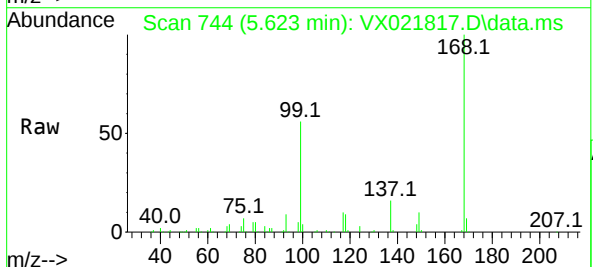
Tgt Ion: 56 Resp: 2727

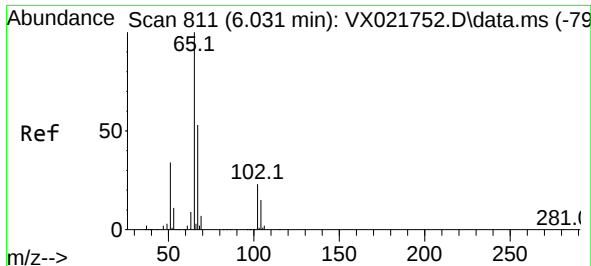
Ion Ratio Lower Upper

56 100

69 189.0 25.3 37.9#

84 137.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.88 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021817.D

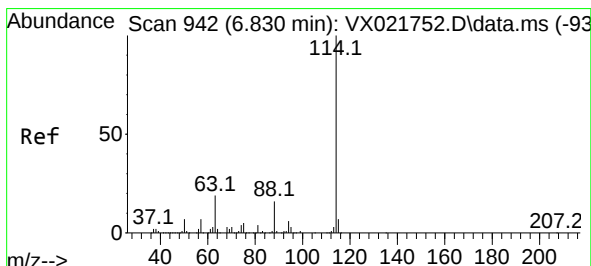
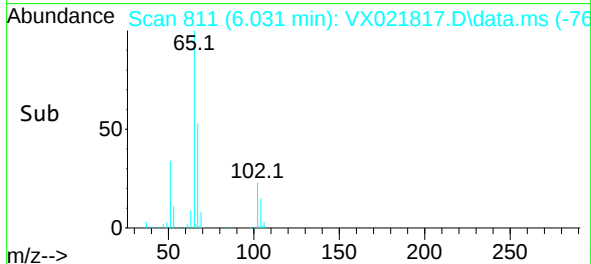
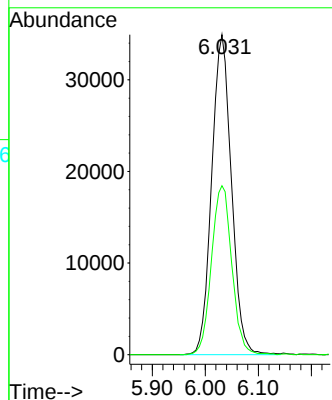
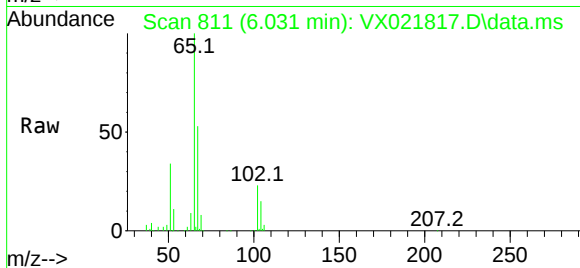
Acq: 22 Apr 2021 15:26

Tgt Ion: 65 Resp: 90265

Ion Ratio Lower Upper

65 100

67 54.4 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: VX021817.D

Acq: 22 Apr 2021 15:26

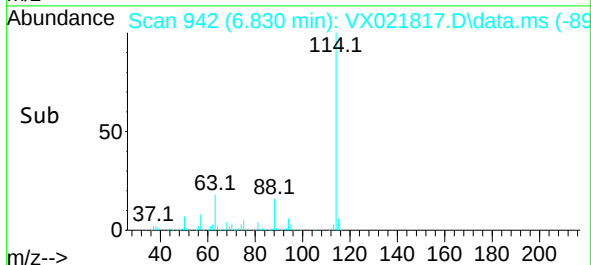
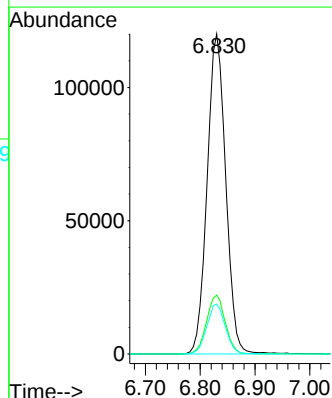
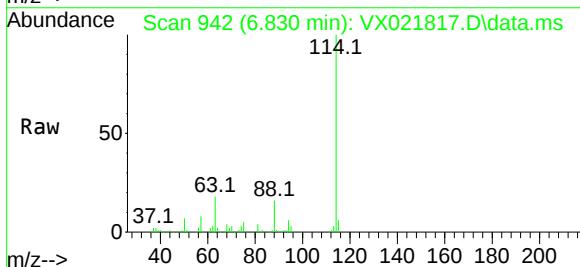
Tgt Ion: 114 Resp: 281898

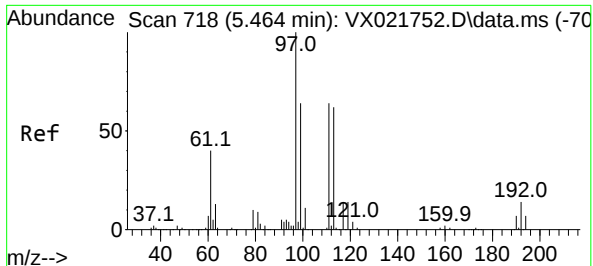
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

88 15.6 0.0 32.8

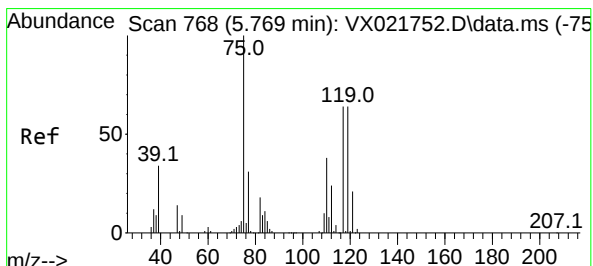
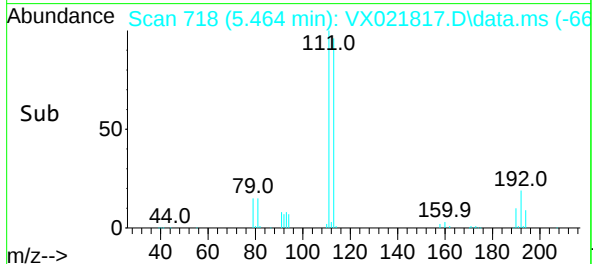
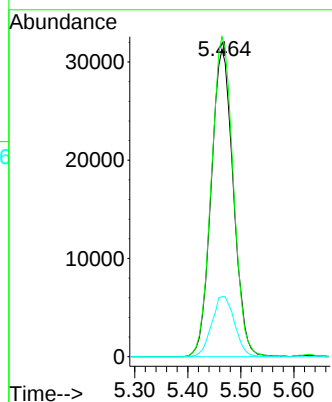
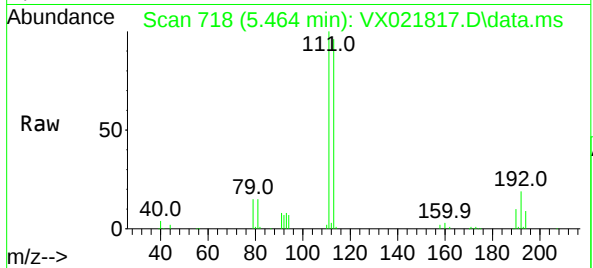




#35
Dibromofluoromethane
Concen: 50.29 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

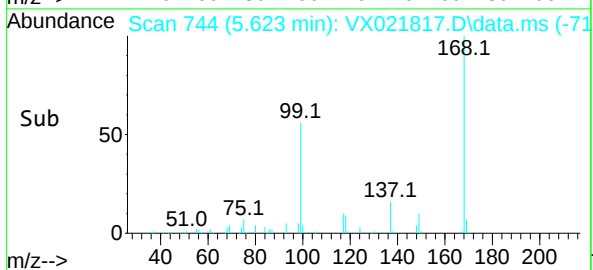
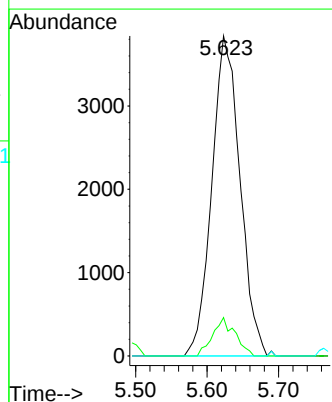
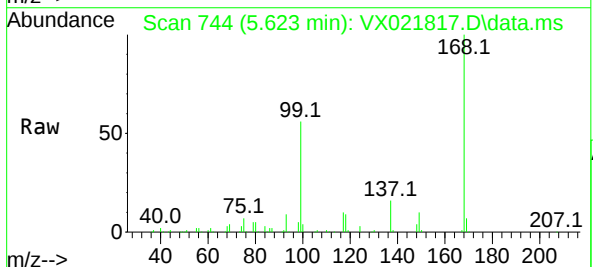
Instrument :
MSVOA_X
ClientSampleId :

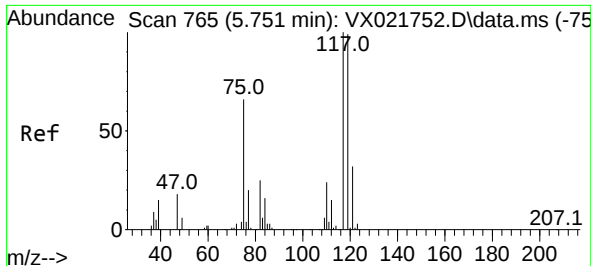
Tgt Ion:113 Resp: 90661
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

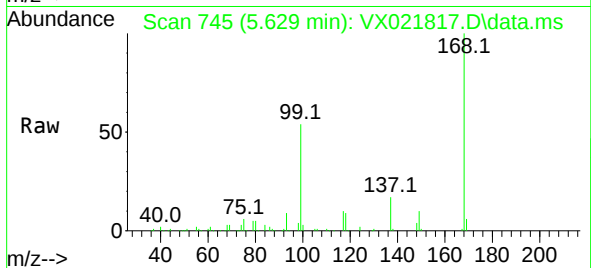
Tgt Ion: 75 Resp: 10516
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



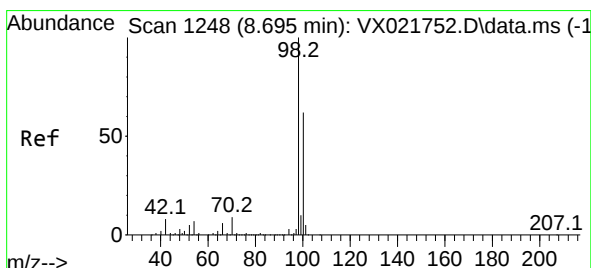
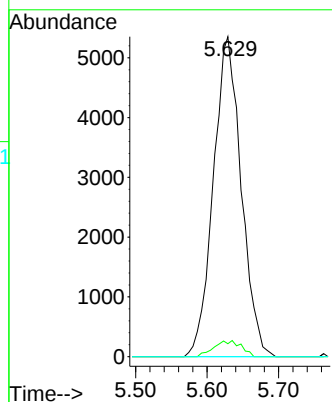
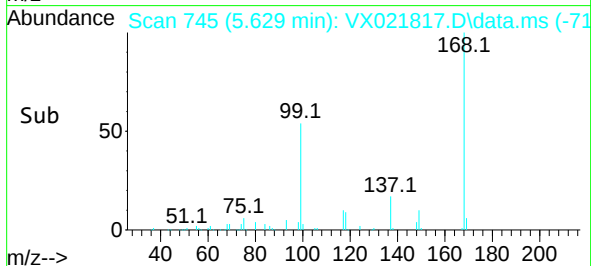


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

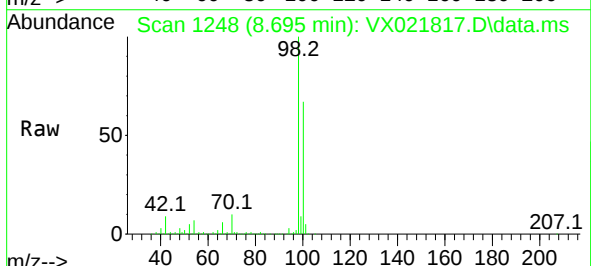
Instrument :
MSVOA_X
ClientSampled :



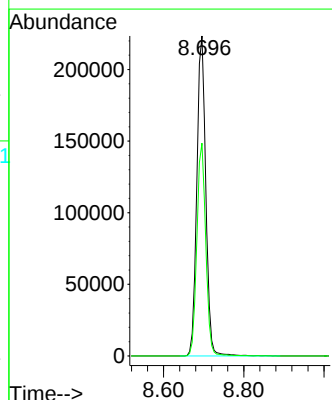
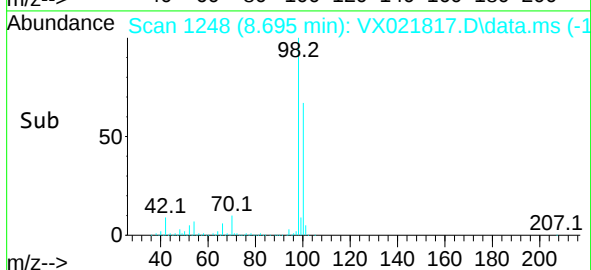
Tgt Ion:117 Resp: 14492
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

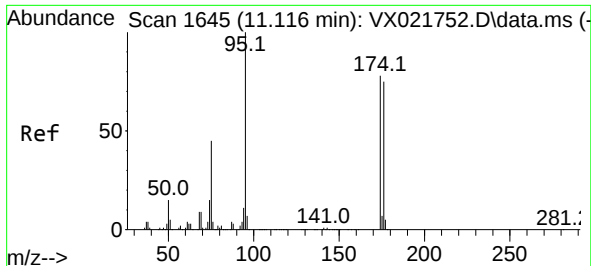


#50
Toluene-d8
Concen: 49.88 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26



Tgt Ion: 98 Resp: 345720
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

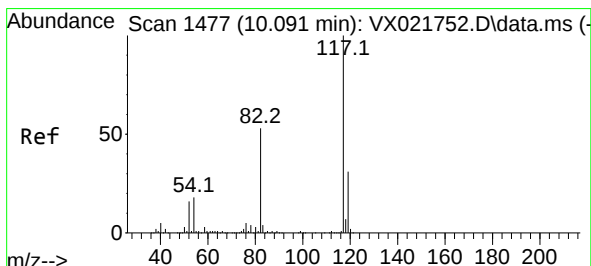
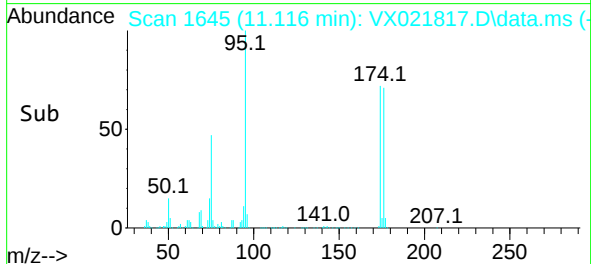
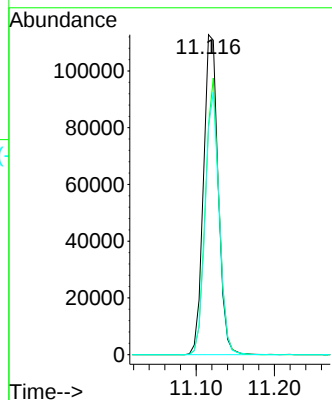
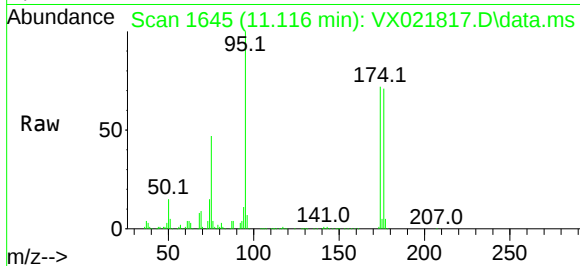




#62
4-Bromofluorobenzene
Concen: 56.73 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

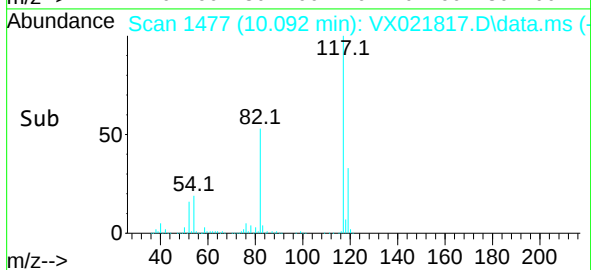
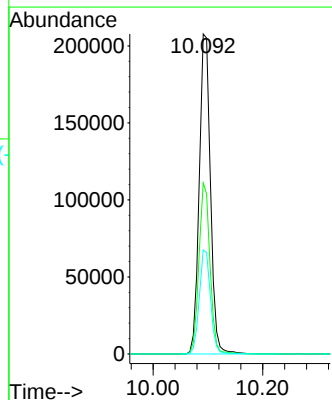
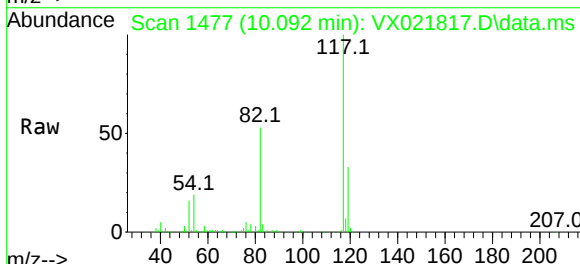
Instrument :
MSVOA_X
ClientSampleId :

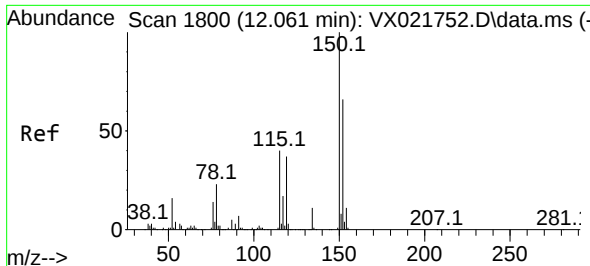
Tgt Ion: 95 Resp: 146847
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021817.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 117 Resp: 296042
Ion Ratio Lower Upper
117 100
82 53.5 47.4 71.2
119 32.5 26.6 39.8

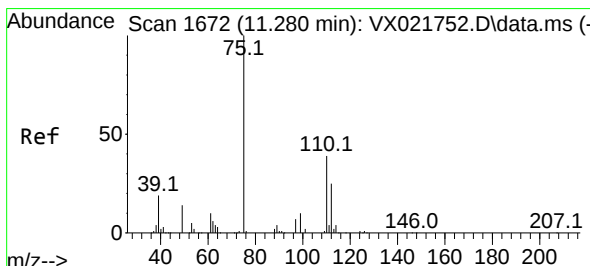
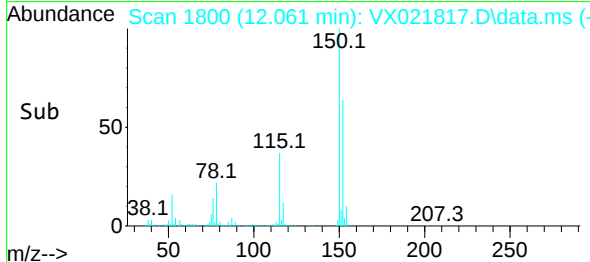
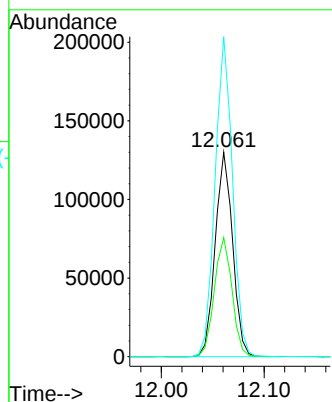
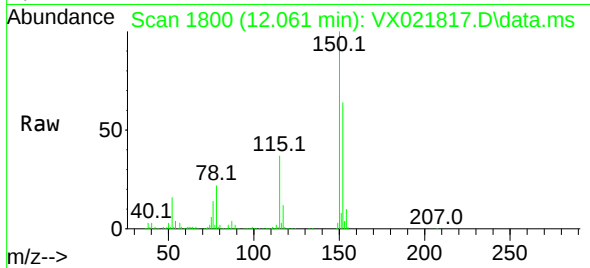




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021817.D
 Acq: 22 Apr 2021 15:26

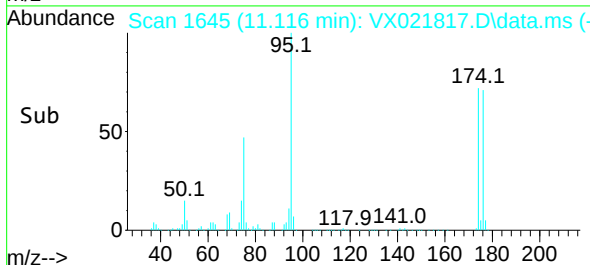
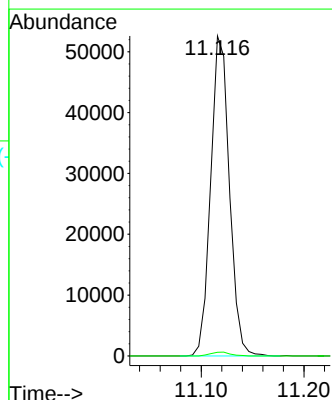
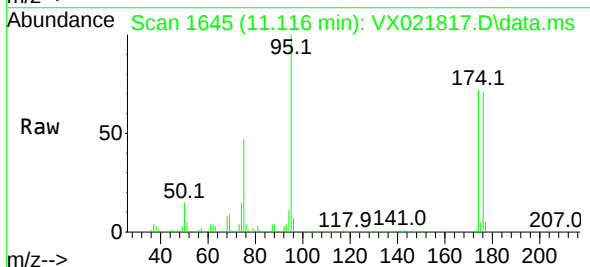
Instrument :
 MSVOA_X
 ClientSampleId :

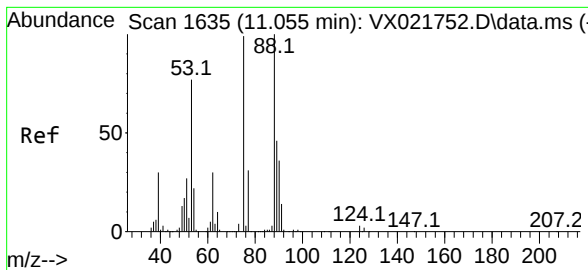
Tgt Ion:152 Resp: 152786
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 156.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.98 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021817.D
 Acq: 22 Apr 2021 15:26

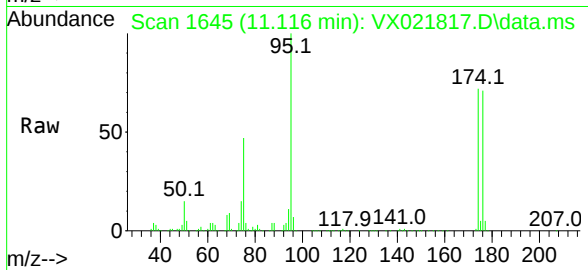
Tgt Ion: 75 Resp: 66590
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#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: VX021817.D
 Acq: 22 Apr 2021 15:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 66590
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

