

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021831.D
 Acq On : 22 Apr 2021 20:44
 Operator : JC/MD
 Sample : M2138-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:46:57 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)

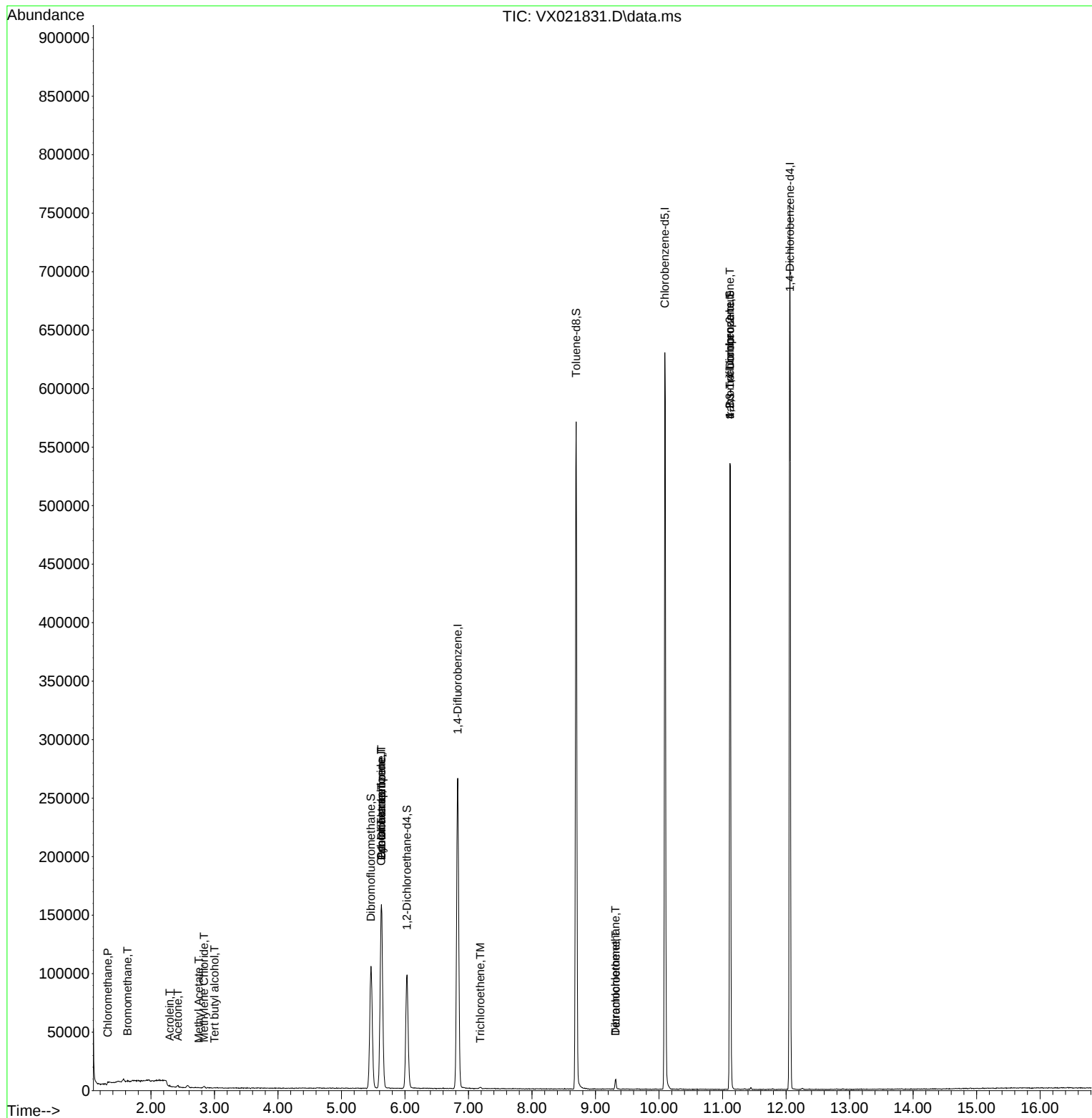
Internal Standards						
1) Pentafluorobenzene	5.629	168	157704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	289803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	314132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	91824	51.33	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.66%		
35) Dibromofluoromethane	5.464	113	92816	50.08	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.16%		
50) Toluene-d8	8.695	98	360070	50.53	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.06%		
62) 4-Bromofluorobenzene	11.116	95	158607	59.60	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 119.20%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	848	0.72	ug/l	93
5) Bromomethane	1.630	94	172	0.22	ug/l #	11
11) Tert butyl alcohol	3.001	59	122	0.31	ug/l #	1
13) Acrolein	2.294	56	87	0.27	ug/l	100
16) Acetone	2.422	43	1596	2.59	ug/l	91
18) Methyl Acetate	2.751	43	482	0.29	ug/l #	47
20) Methylene Chloride	2.837	84	698	0.38	ug/l #	81
31) Cyclohexane	5.629	56	2698	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10867	4.25	ug/l #	49
38) Carbon Tetrachloride	5.623	117	15273	5.45	ug/l #	16
44) Trichloroethene	7.183	130	519	0.23	ug/l	91
60) Dibromochloromethane	9.311	129	1668	0.68	ug/l #	11
64) Tetrachloroethene	9.317	164	1720	0.70	ug/l	86
76) 1,2,3-Trichloropropane	11.116	75	72189	22.01	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	72189	50.62	ug/l #	12

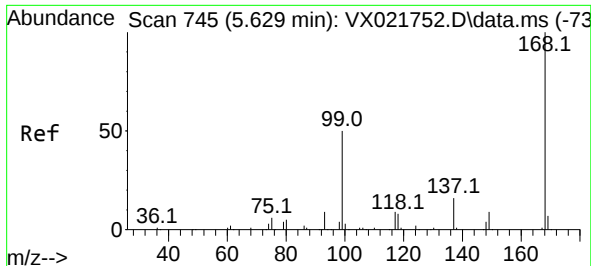
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
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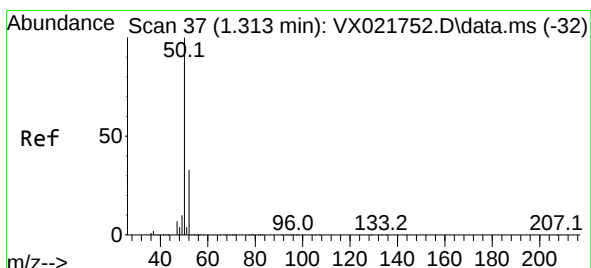
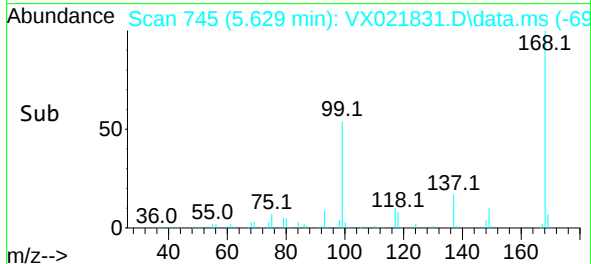
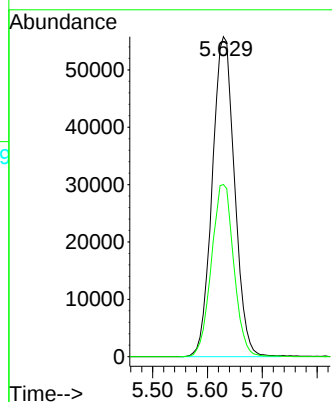
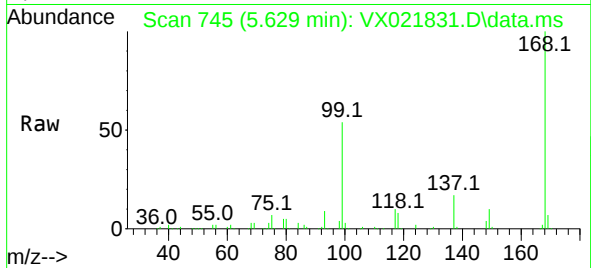




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

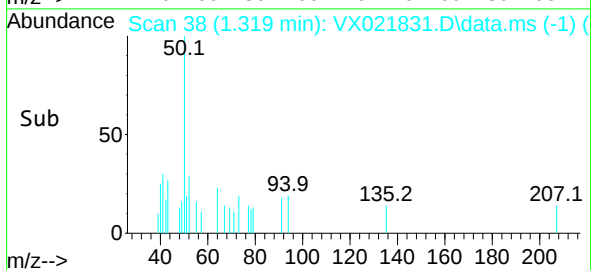
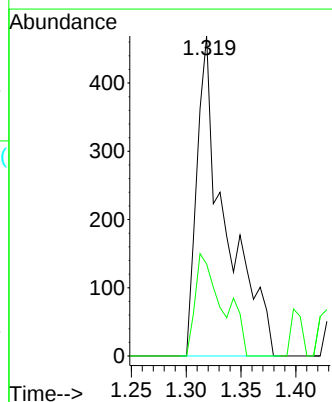
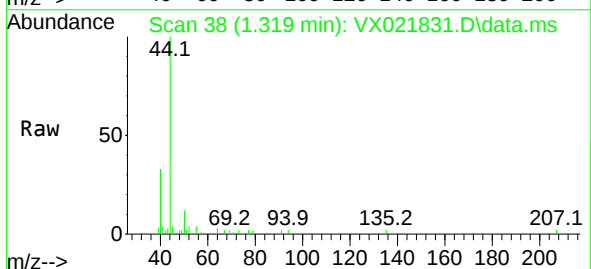
Instrument :
MSVOA_X
ClientSampled :

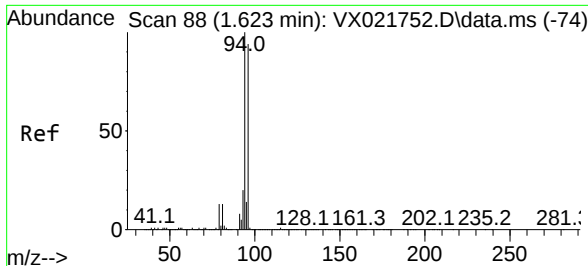
Tgt Ion:168 Resp: 157704
Ion Ratio Lower Upper
168 100
99 53.8 45.8 68.6



#3
Chloromethane
Concen: 0.72 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 28.8 26.4 39.6

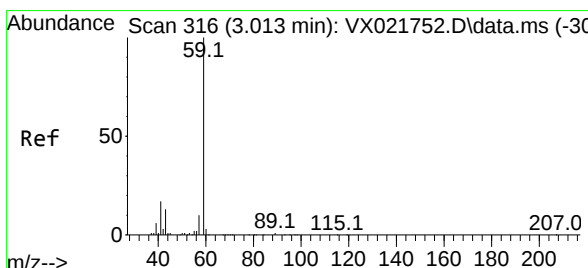
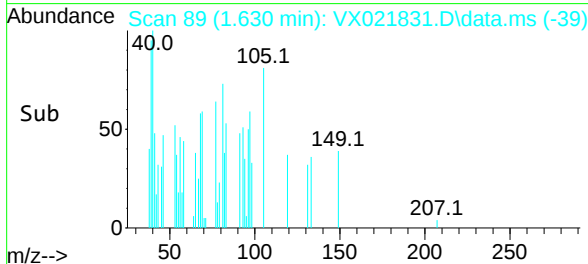
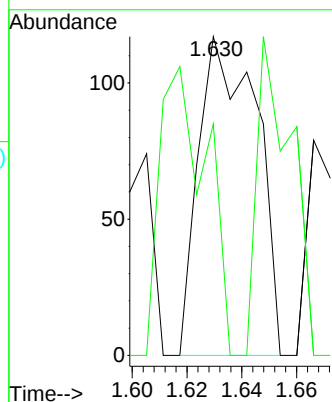
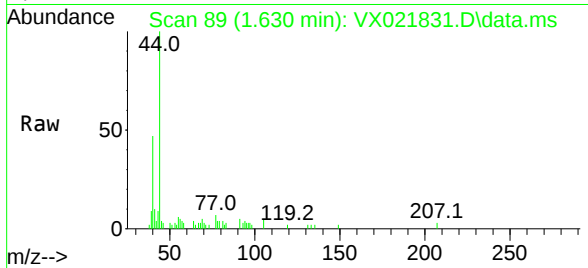




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.007 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

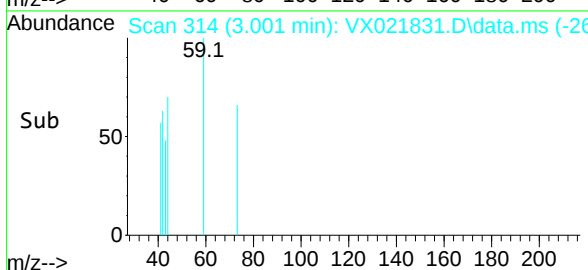
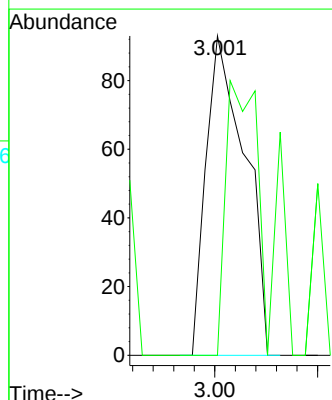
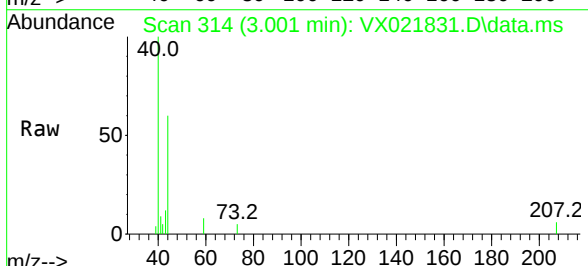
Instrument :
MSVOA_X
ClientSampled :

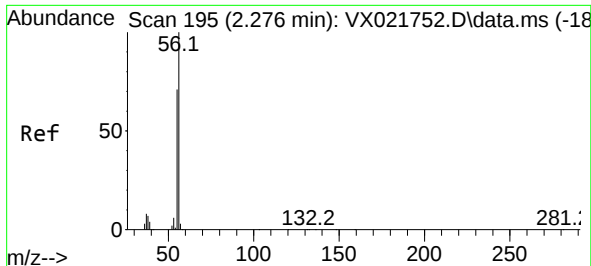
Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 8.5 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 87.7 7.8 11.8#

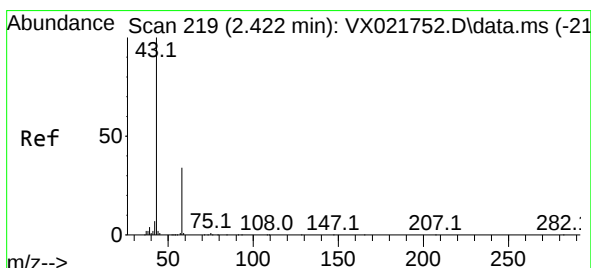
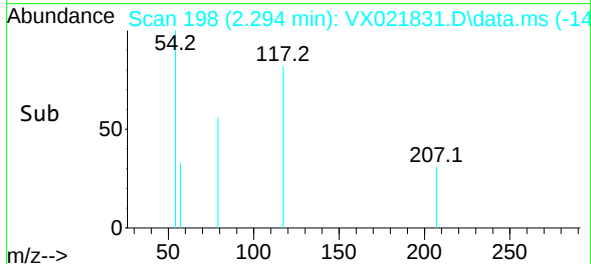
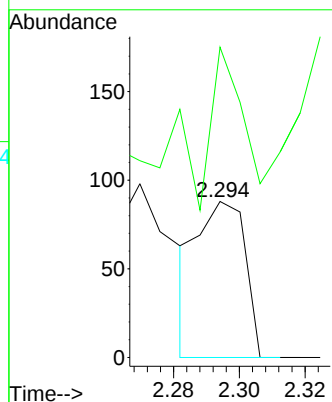
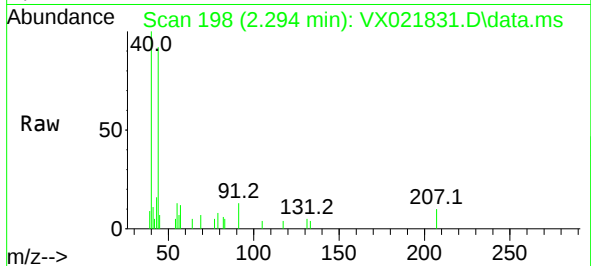




#13
Acrolein
Concen: 0.27 ug/l
RT: 2.294 min Scan# 198
Delta R.T. 0.018 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

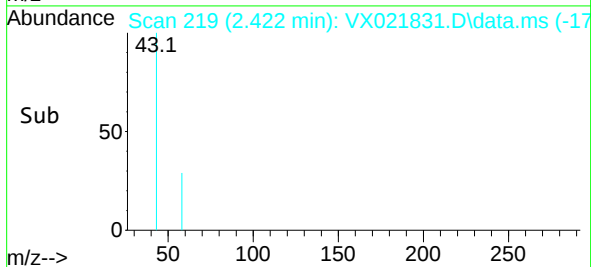
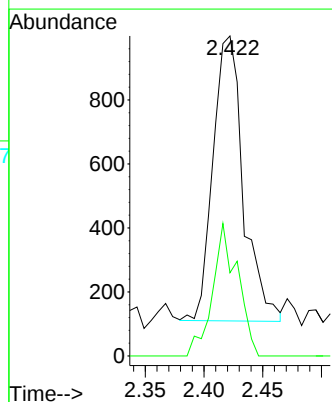
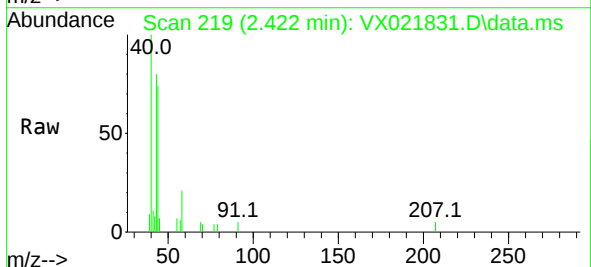
Instrument :
MSVOA_X
ClientSampleId :

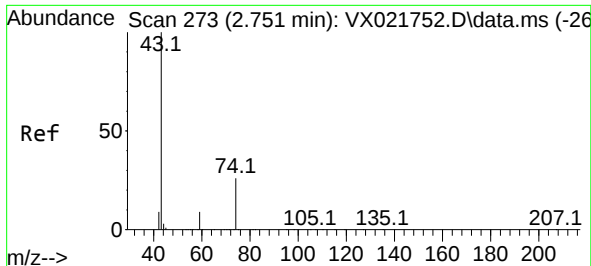
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 70.1 56.4 84.6



#16
Acetone
Concen: 2.59 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8





#18

Methyl Acetate

Concen: 0.29 ug/l

RT: 2.751 min Scan# 273

Delta R.T. 0.000 min

Lab File: VX021831.D

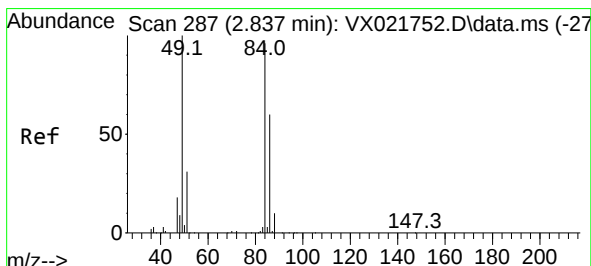
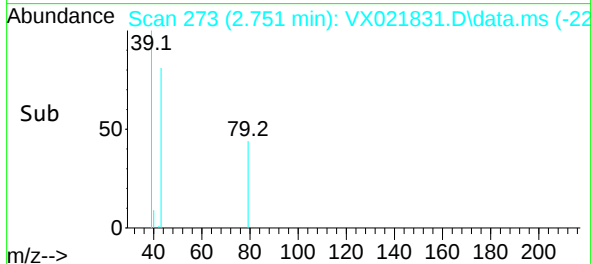
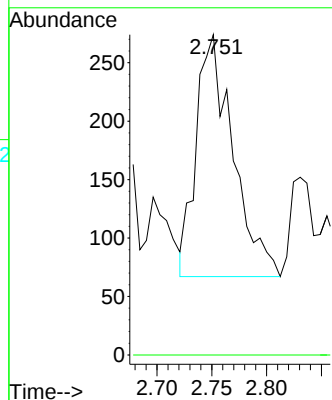
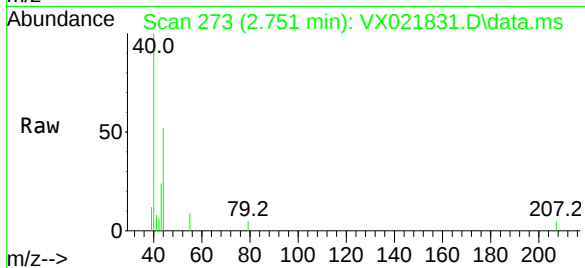
Acq: 22 Apr 2021 20:44

Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.837 min Scan# 287

Delta R.T. -0.000 min

Lab File: VX021831.D

Acq: 22 Apr 2021 20:44

Tgt Ion: 84 Resp: 698

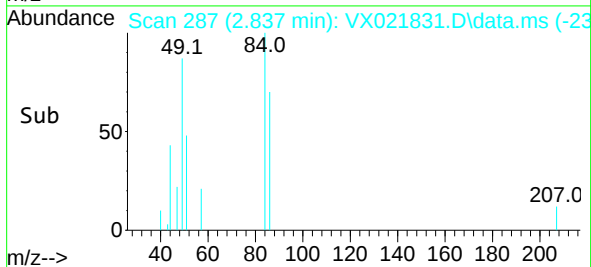
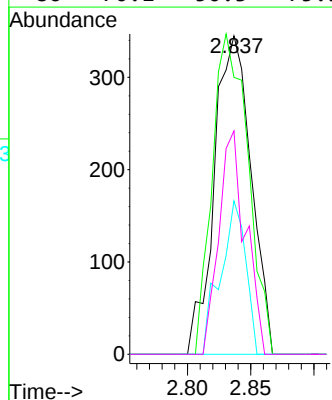
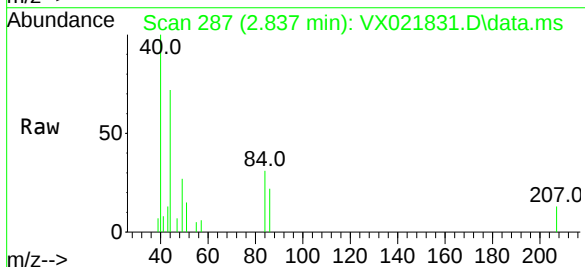
Ion Ratio Lower Upper

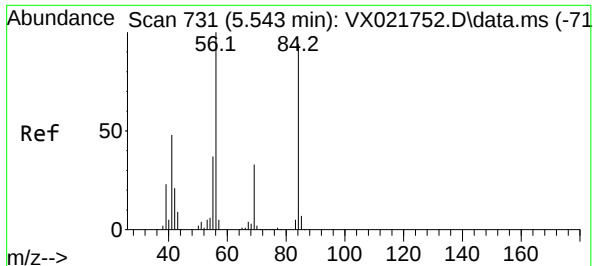
84 100

49 87.0 88.6 132.8#

51 48.1 27.0 40.6#

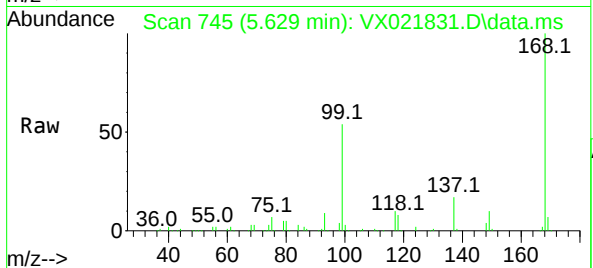
86 70.1 50.3 75.5



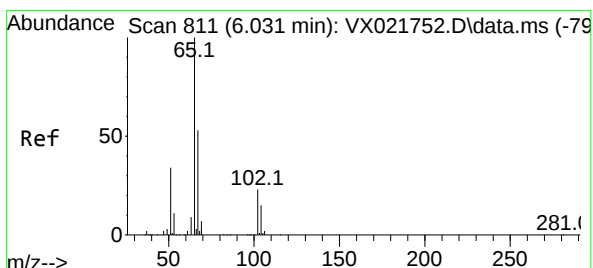
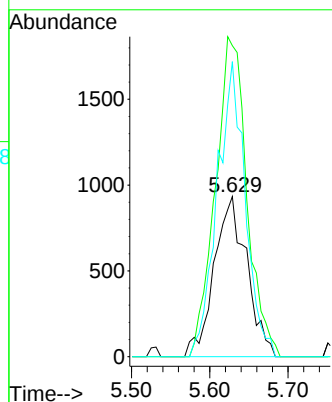
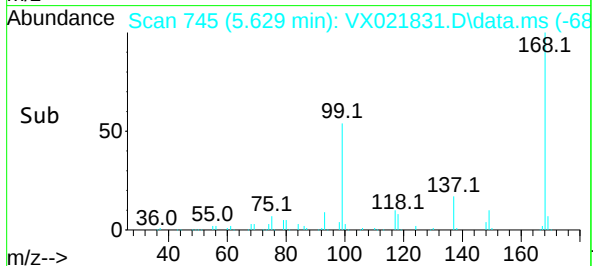


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

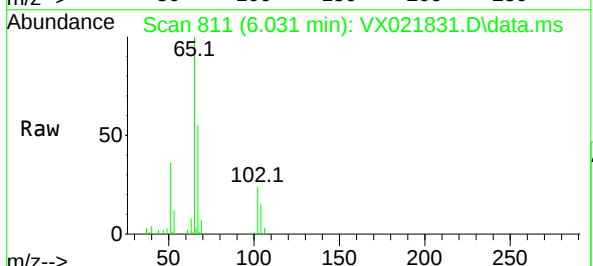
Instrument :
MSVOA_X
ClientSampleId :



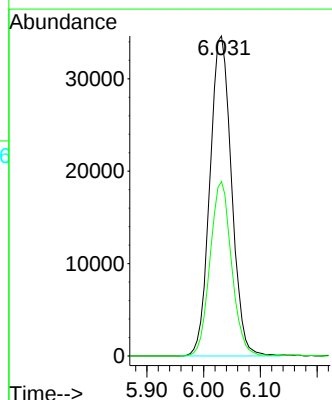
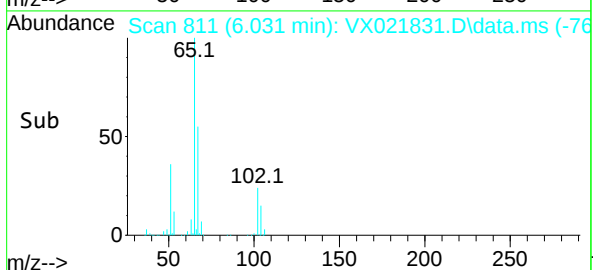
Tgt Ion: 56 Resp: 2698
Ion Ratio Lower Upper
56 100
69 194.3 25.3 37.9#
84 184.4 71.4 107.0#

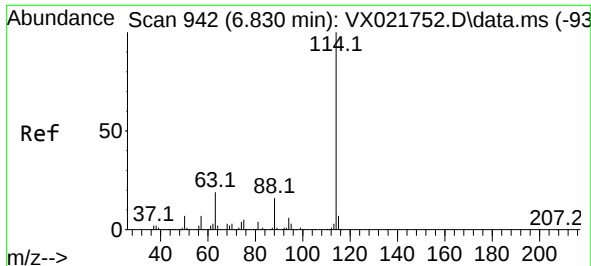


#33
1,2-Dichloroethane-d4
Concen: 51.33 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44



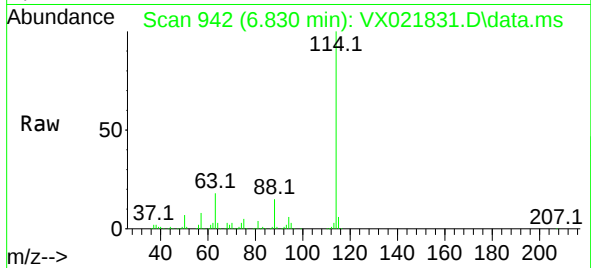
Tgt Ion: 65 Resp: 91824
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.4



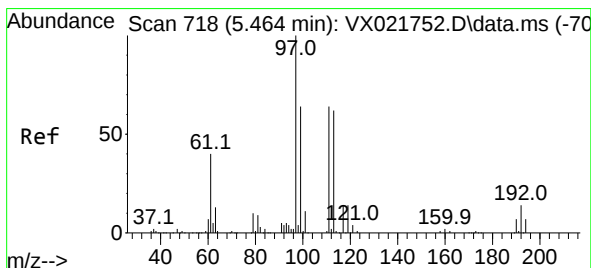
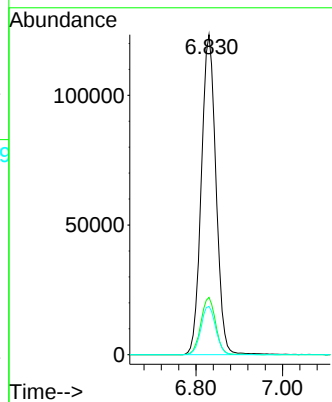
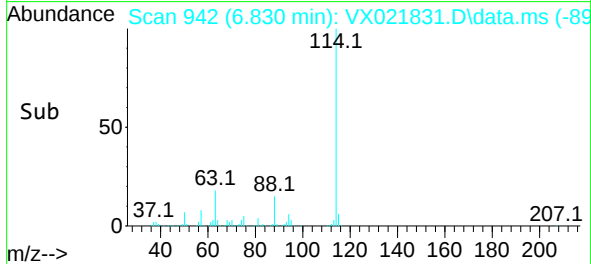


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

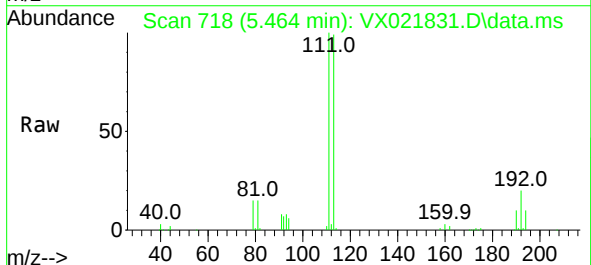
Instrument :
MSVOA_X
ClientSampled :



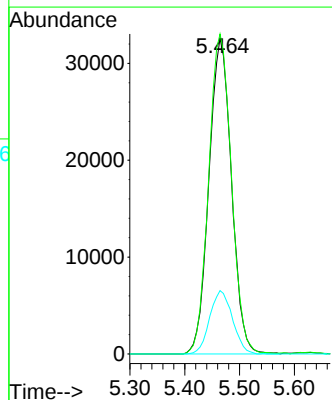
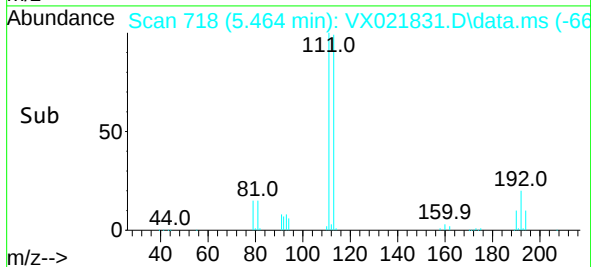
Tgt Ion:114 Resp: 289803
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 15.1 0.0 32.8

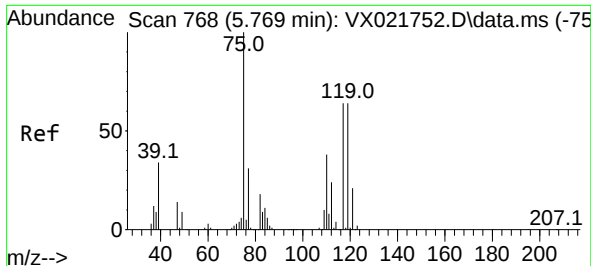


#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44



Tgt Ion:113 Resp: 92816
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.3 16.7 25.1

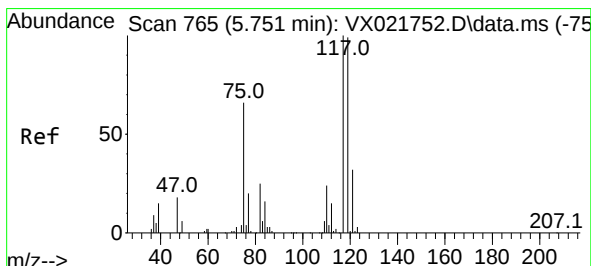
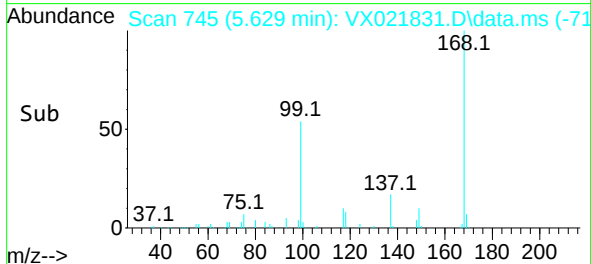
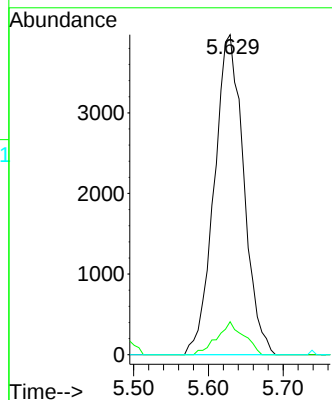
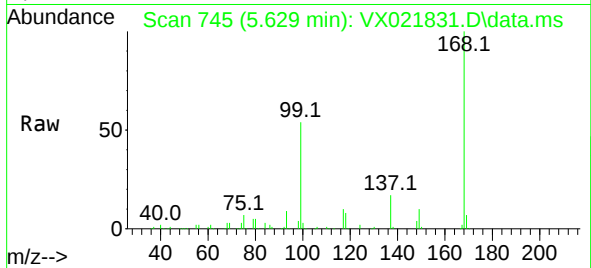




#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

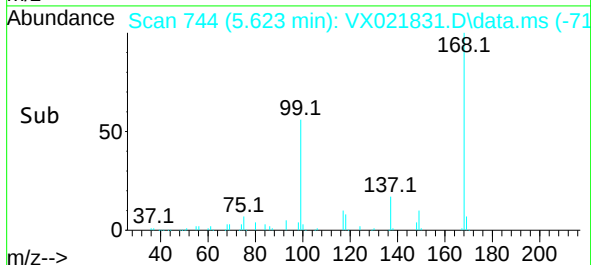
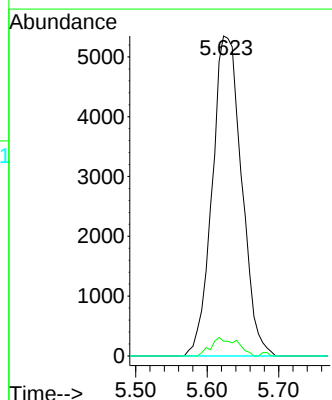
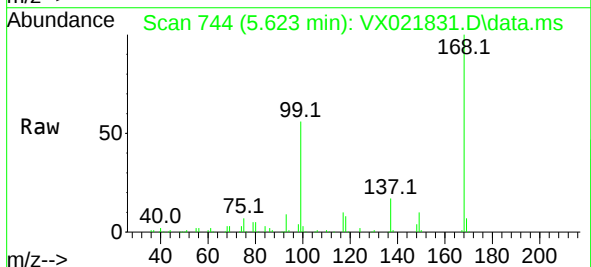
Instrument :
MSVOA_X
ClientSampled :

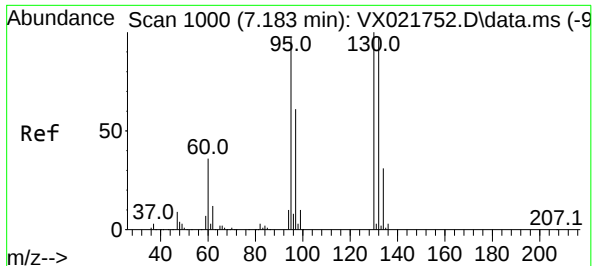
Tgt Ion: 75 Resp: 10867
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 117 Resp: 15273
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

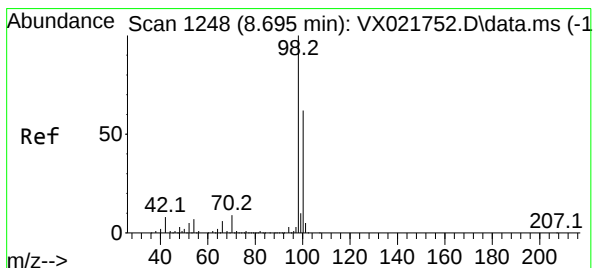
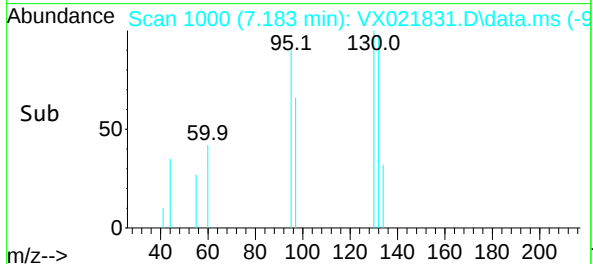
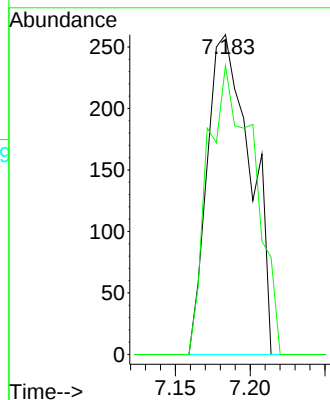
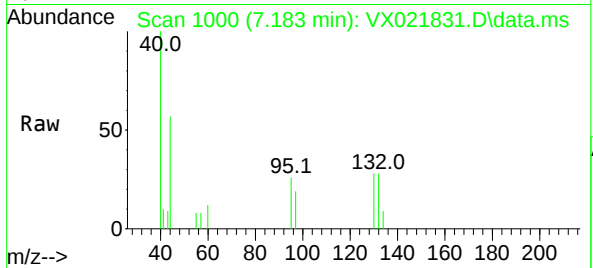




#44
Trichloroethene
Concen: 0.23 ug/l
RT: 7.183 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

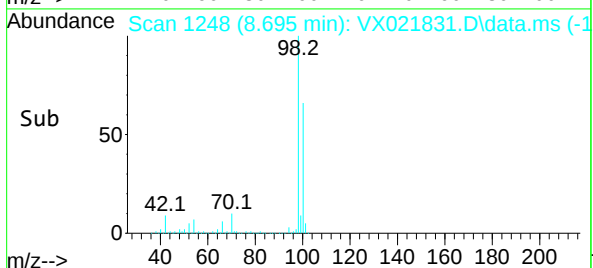
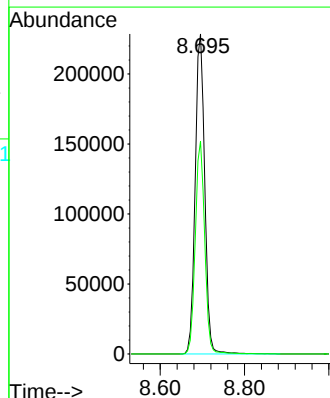
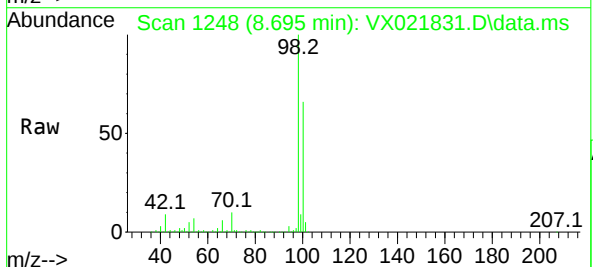
Instrument :
MSVOA_X
ClientSampled :

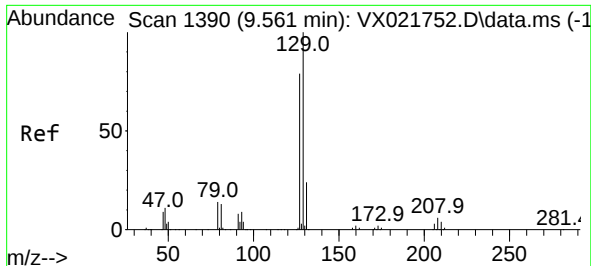
Tgt Ion:130 Resp: 519
Ion Ratio Lower Upper
130 100
95 90.4 0.0 198.0



#50
Toluene-d8
Concen: 50.53 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 98 Resp: 360070
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

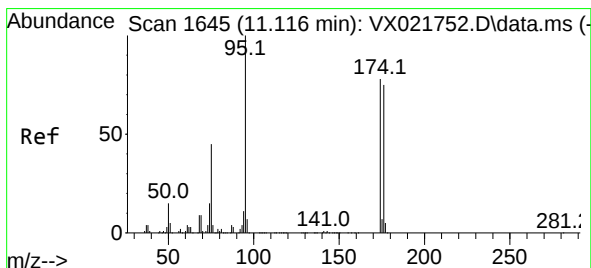
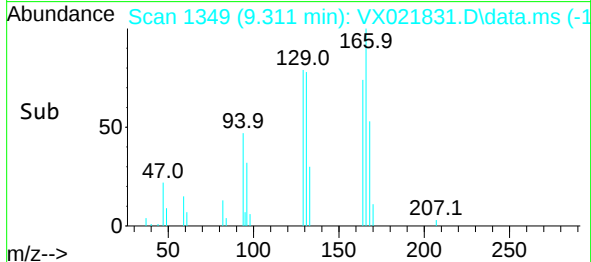
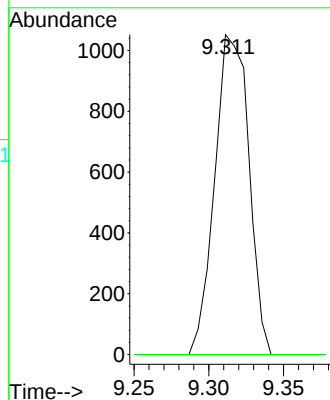
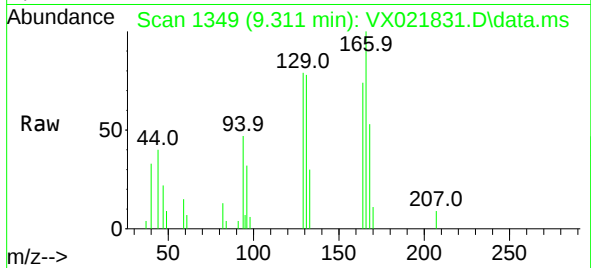




#60
Dibromochloromethane
Concen: 0.68 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.250 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

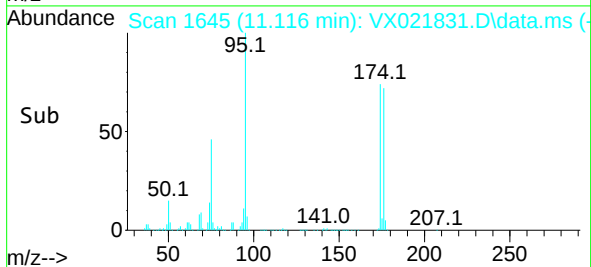
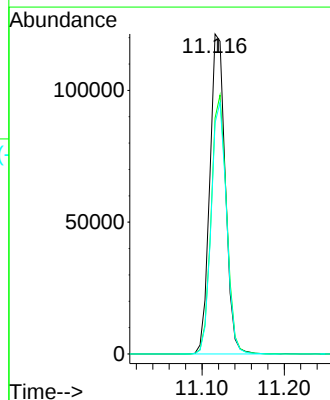
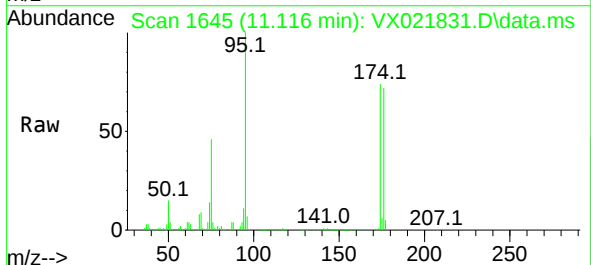
Instrument :
MSVOA_X
ClientSampleId :

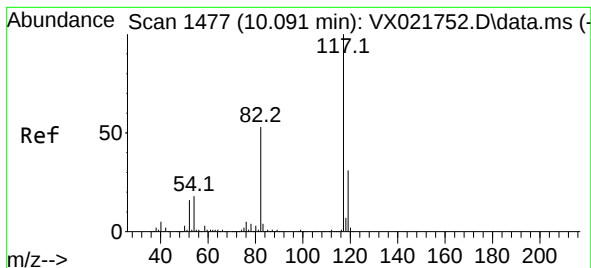
Tgt Ion:129 Resp: 1668
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 59.60 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 95 Resp: 158607
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 77.9 0.0 155.8

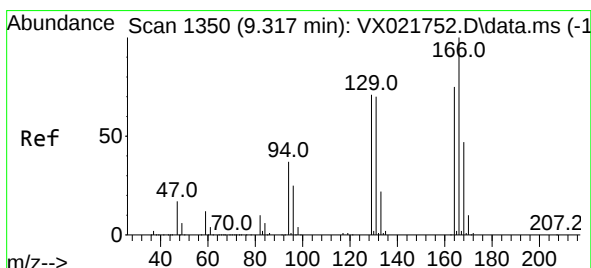
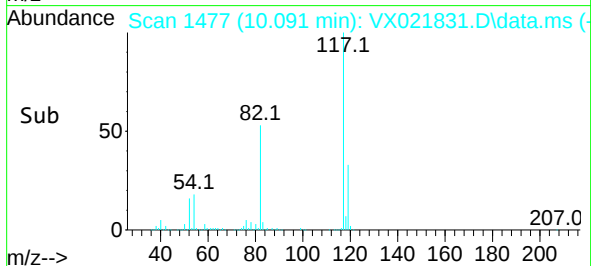
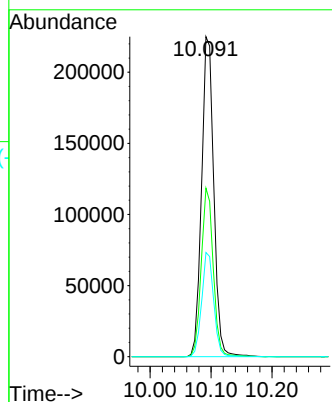
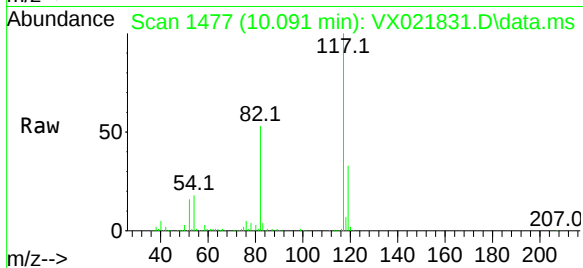




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

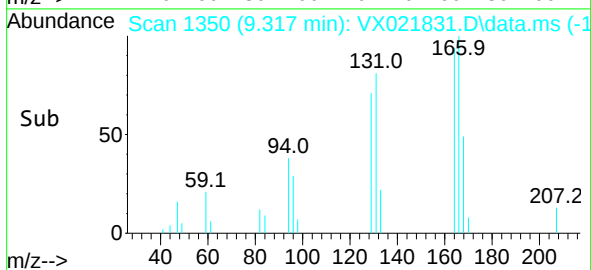
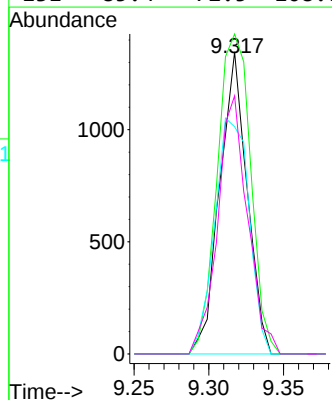
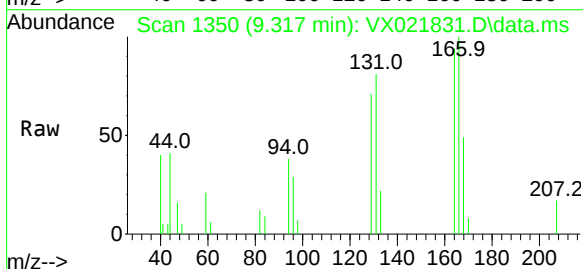
Instrument :
MSVOA_X
ClientSampled :

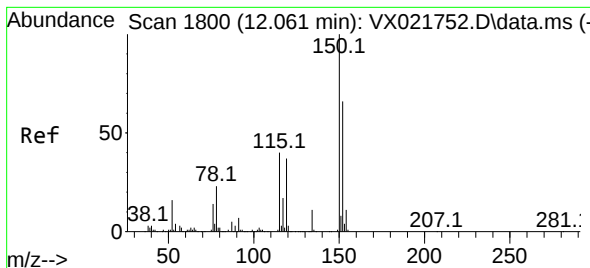
Tgt Ion:117 Resp: 314132
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 0.70 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021831.D
Acq: 22 Apr 2021 20:44

Tgt Ion:164 Resp: 1720
Ion Ratio Lower Upper
164 100
166 105.9 103.4 155.2
129 75.2 70.8 106.2
131 85.4 72.5 108.7

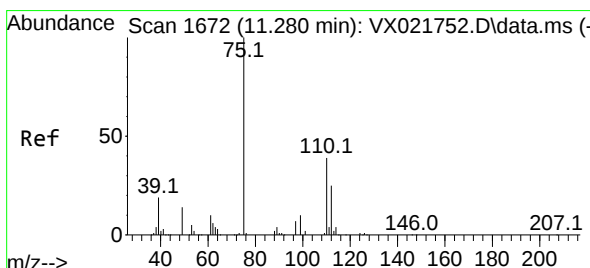
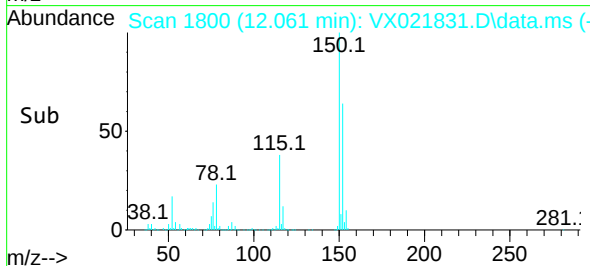
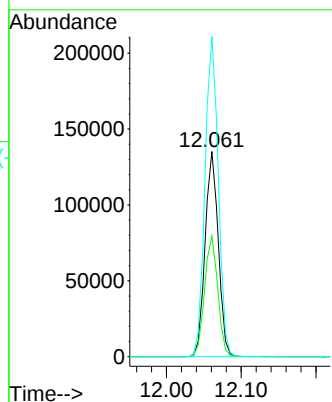
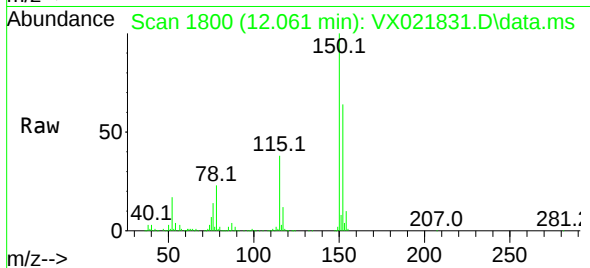




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021831.D
 Acq: 22 Apr 2021 20:44

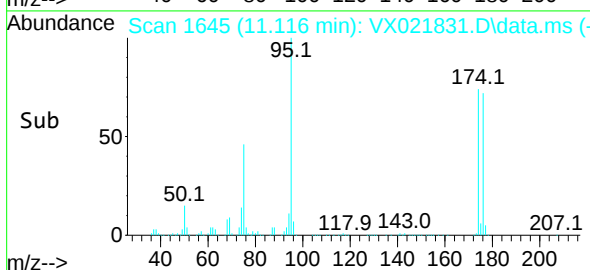
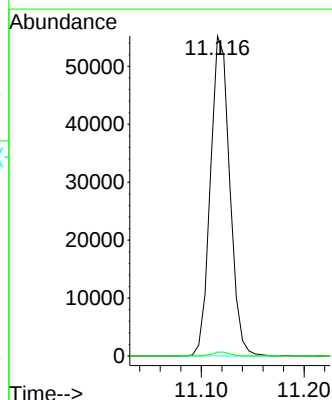
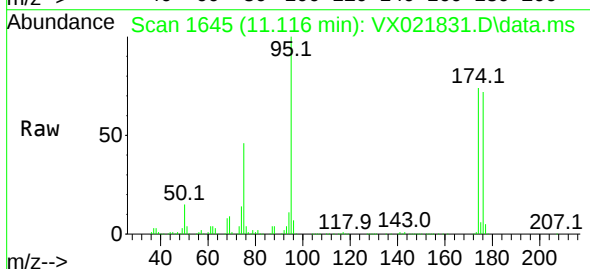
Instrument :
 MSVOA_X
 ClientSampleId :

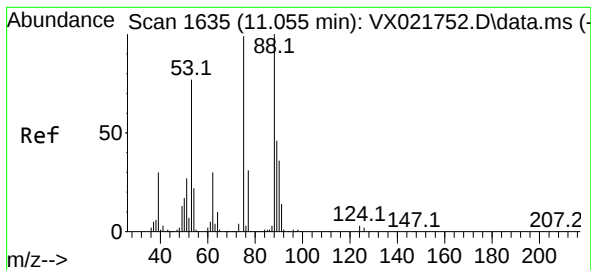
Tgt Ion:152 Resp: 165366
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.01 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021831.D
 Acq: 22 Apr 2021 20:44

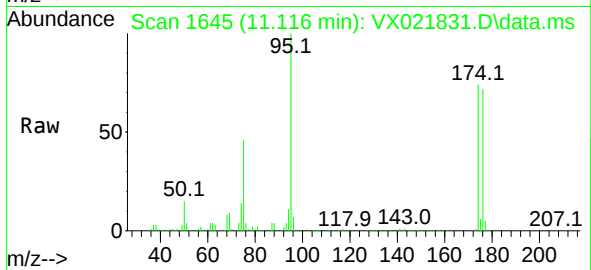
Tgt Ion: 75 Resp: 72189
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.62 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021831.D
 Acq: 22 Apr 2021 20:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 72189
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

