

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021822.D
 Acq On : 22 Apr 2021 17:19
 Operator : JC/MD
 Sample : M2138-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:44:39 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)

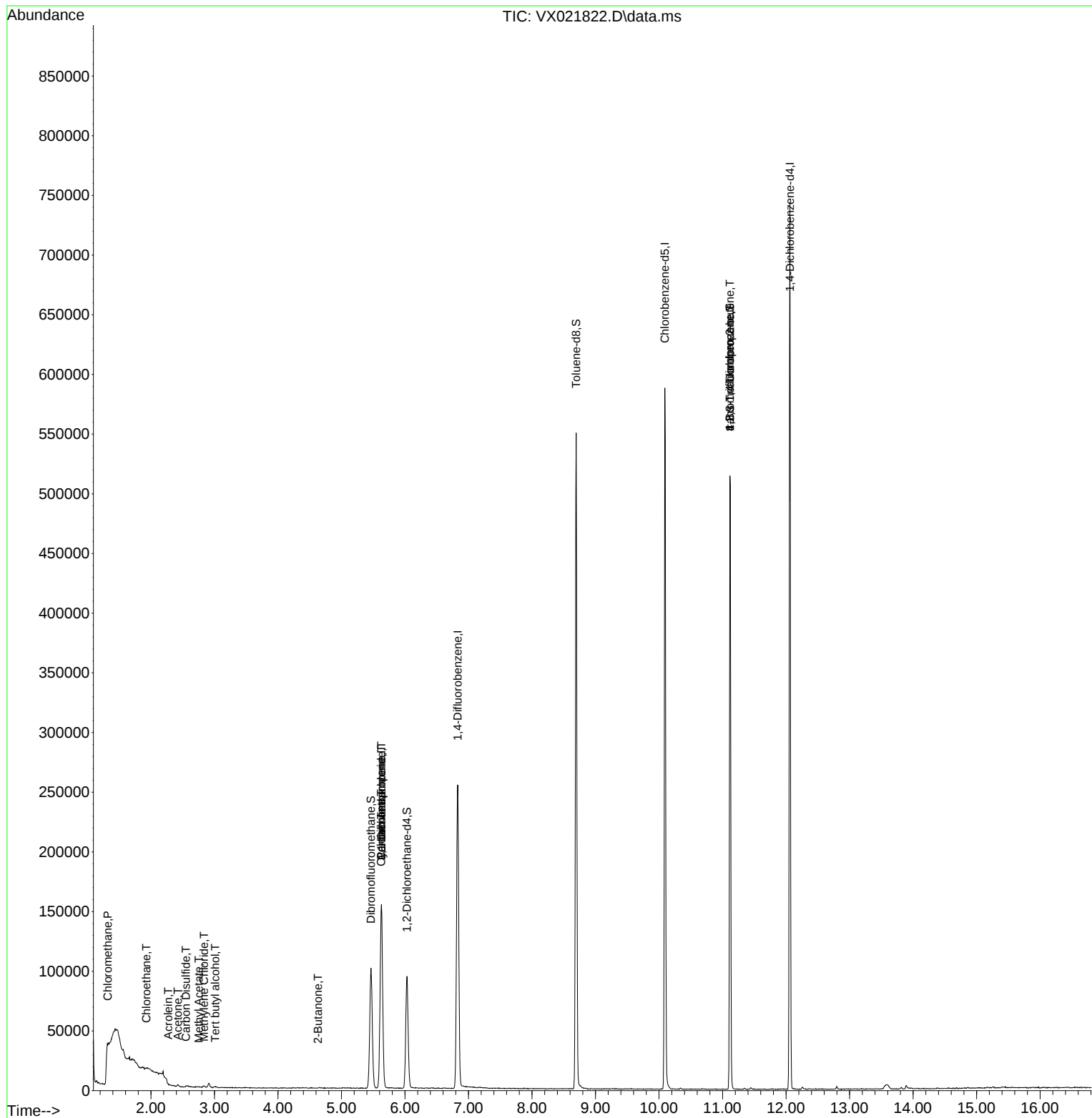
Internal Standards						
1) Pentafluorobenzene	5.629	168	154850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	280659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	297820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	159128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	88522	50.39	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.78%			
35) Dibromofluoromethane	5.464	113	89190	49.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.38%			
50) Toluene-d8	8.696	98	343449	49.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.54%			
62) 4-Bromofluorobenzene	11.116	95	148851	57.76	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.52%			
Target Compounds					Qvalue	
3) Chloromethane	1.319	50	2056	1.35	ug/l #	78
6) Chloroethane	1.928	64	1743	1.55	ug/l #	45
11) Tert butyl alcohol	3.014	59	789	2.05	ug/l #	92
13) Acrolein	2.270	56	141	0.45	ug/l #	14
16) Acetone	2.422	43	1712	2.83	ug/l	99
17) Carbon Disulfide	2.550	76	1416	0.35	ug/l	96
18) Methyl Acetate	2.751	43	427	0.26	ug/l #	69
20) Methylene Chloride	2.837	84	560	0.31	ug/l #	84
25) 2-Butanone	4.629	43	417	0.41	ug/l #	45
31) Cyclohexane	5.623	56	2636	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10266	4.14	ug/l #	49
38) Carbon Tetrachloride	5.629	117	14656	5.40	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	67890	21.51	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	67890	49.47	ug/l #	12

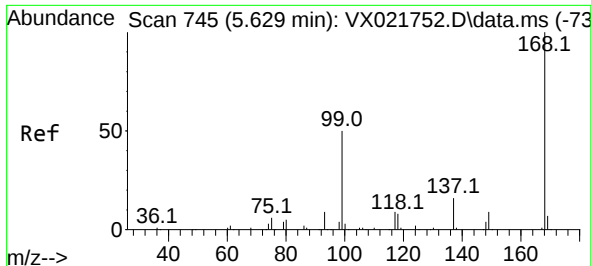
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

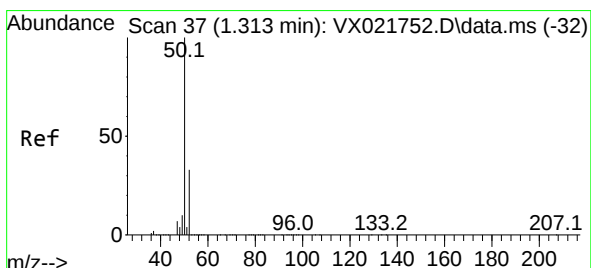
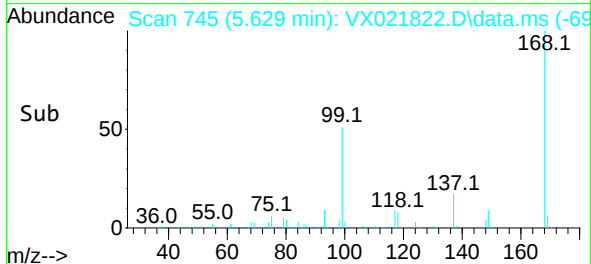
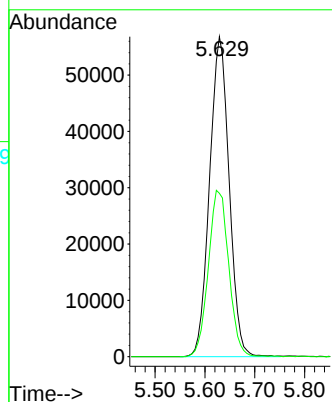
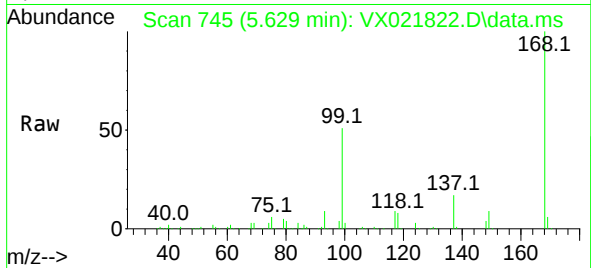




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

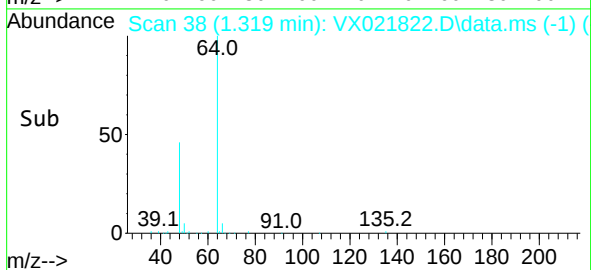
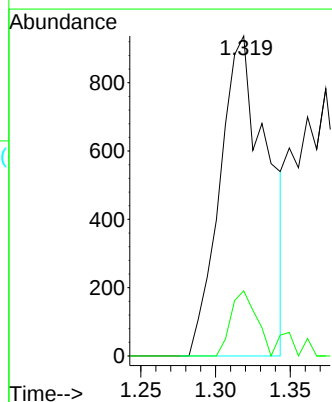
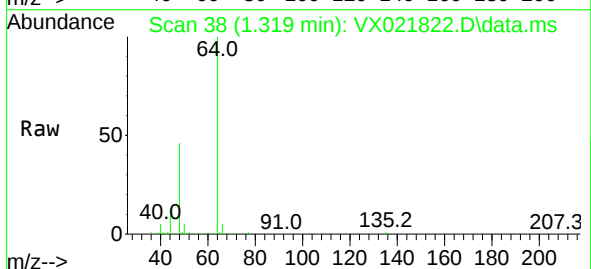
Instrument :
MSVOA_X
ClientSampleId :

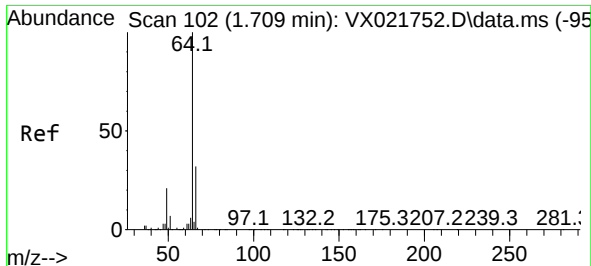
Tgt Ion:168 Resp: 154850
Ion Ratio Lower Upper
168 100
99 51.0 45.8 68.6



#3
Chloromethane
Concen: 1.35 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion: 50 Resp: 2056
Ion Ratio Lower Upper
50 100
52 20.4 26.4 39.6#

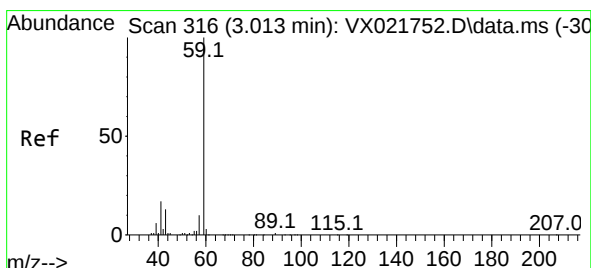
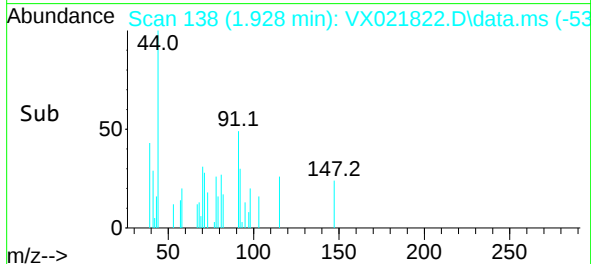
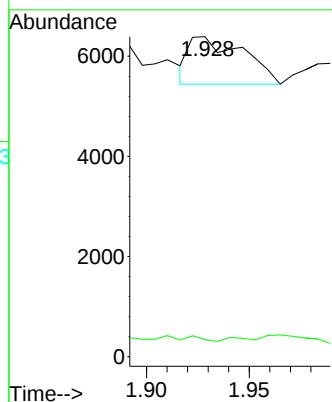
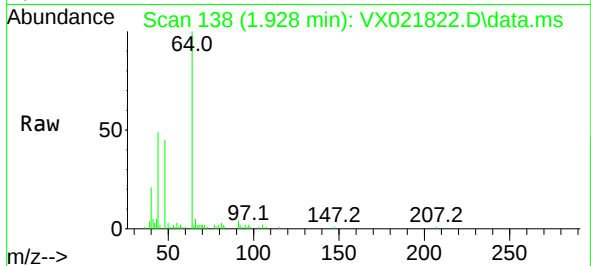




#6
Chloroethane
Concen: 1.55 ug/l
RT: 1.928 min Scan# 138
Delta R.T. 0.219 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

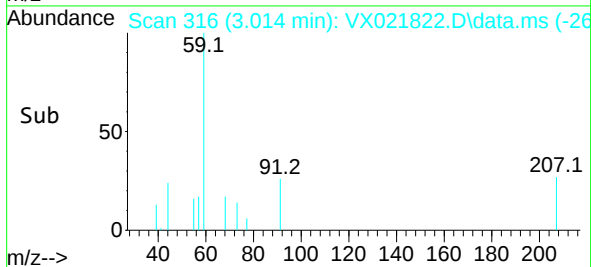
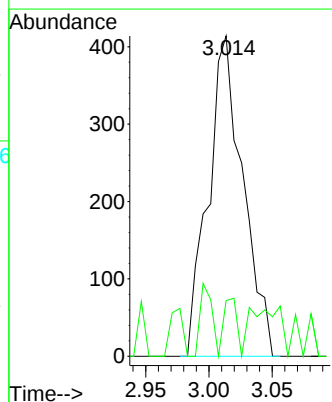
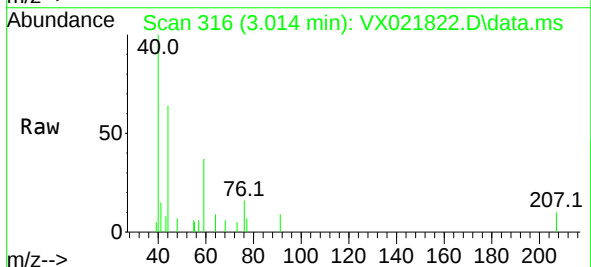
Instrument :
MSVOA_X
ClientSampleId :

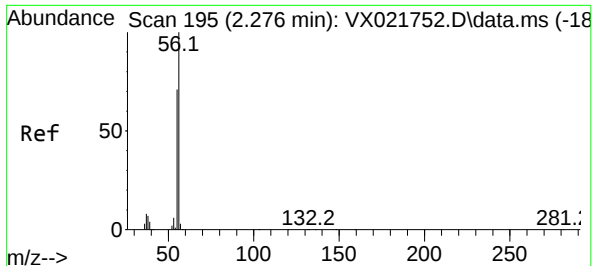
Tgt Ion: 64 Resp: 1743
Ion Ratio Lower Upper
64 100
66 1.3 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.05 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion: 59 Resp: 789
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.8#

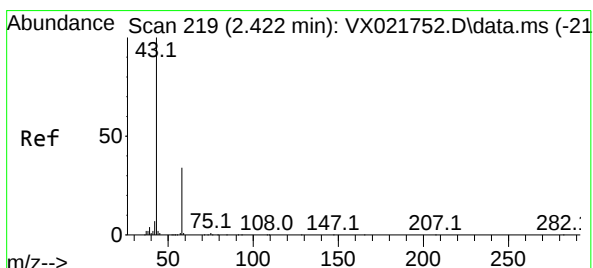
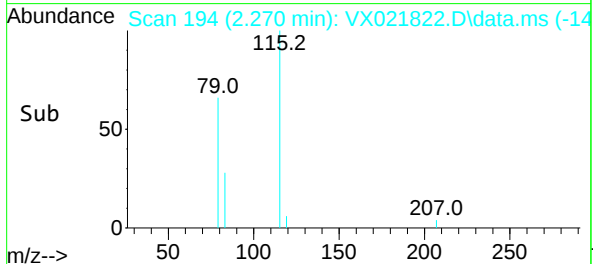
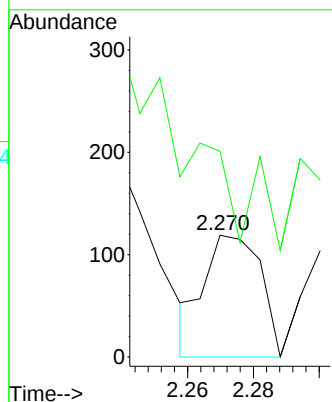
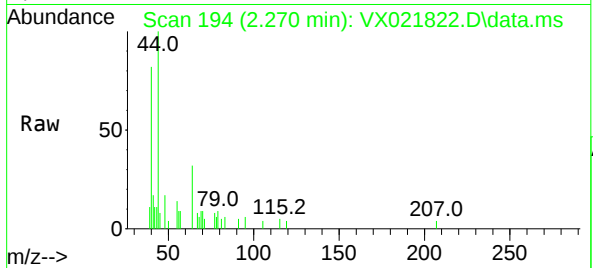




#13
Acrolein
Concen: 0.45 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

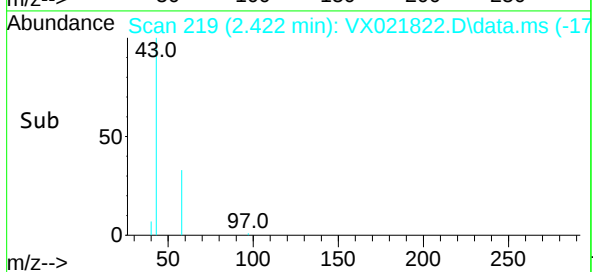
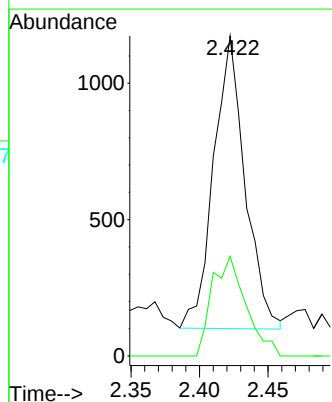
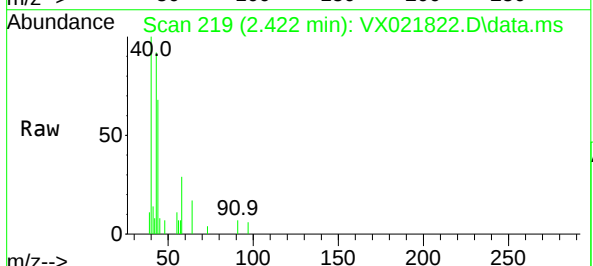
Instrument :
MSVOA_X
ClientSampleId :

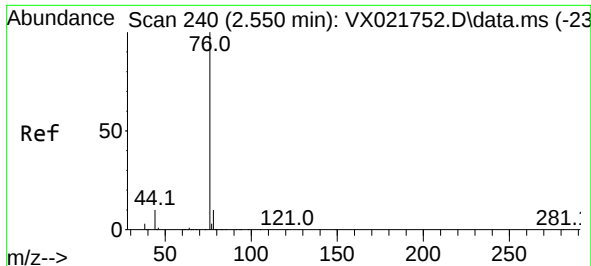
Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.83 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 34.1 27.8 41.8

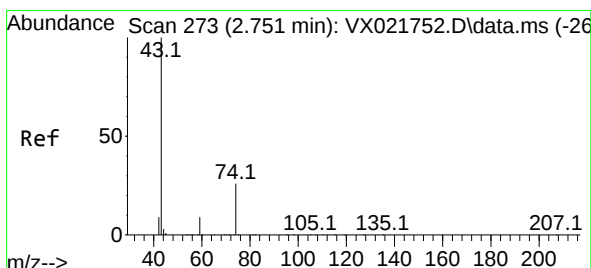
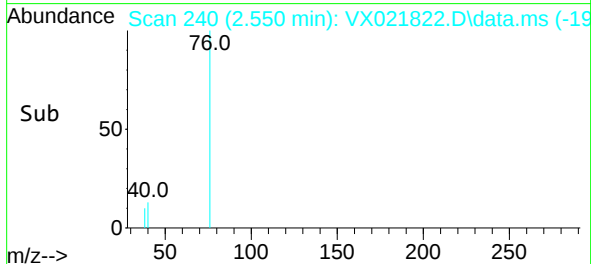
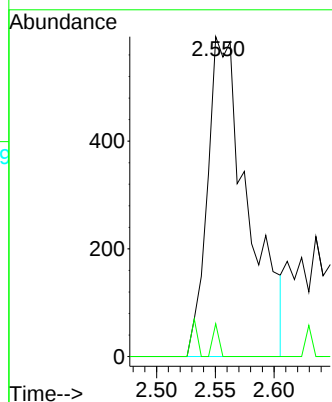
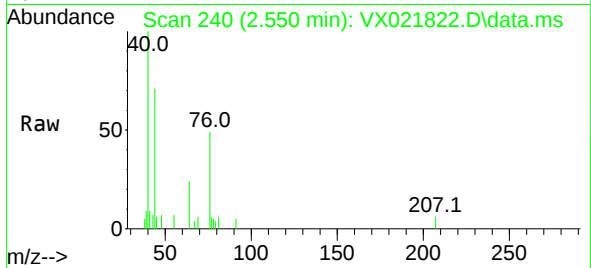




#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

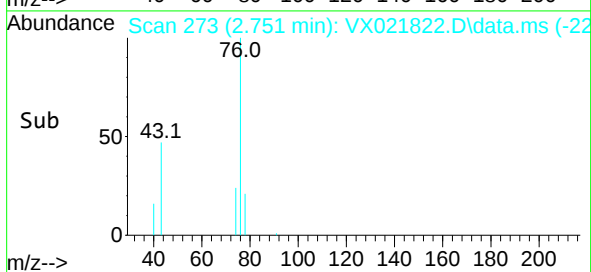
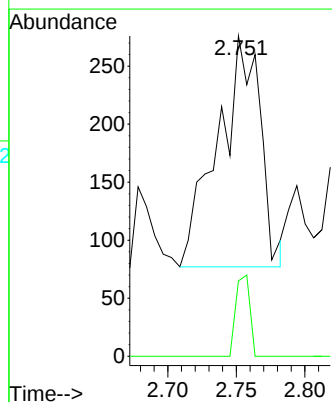
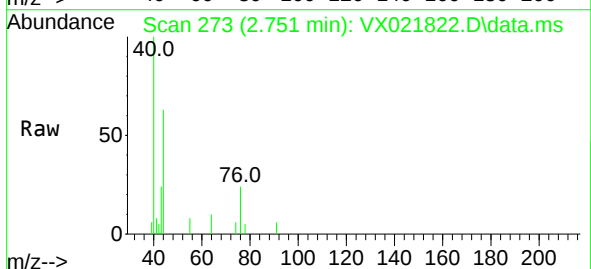
Instrument :
MSVOA_X
ClientSampled :

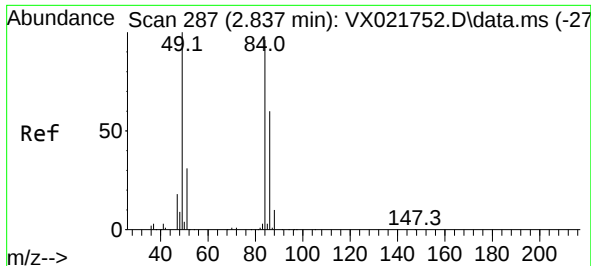
Tgt Ion: 76 Resp: 1416
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
74 11.5 21.9 32.9#





#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 2.837 min Scan# 287

Delta R.T. -0.000 min

Lab File: VX021822.D

Acq: 22 Apr 2021 17:19

Tgt Ion: 84 Resp: 560

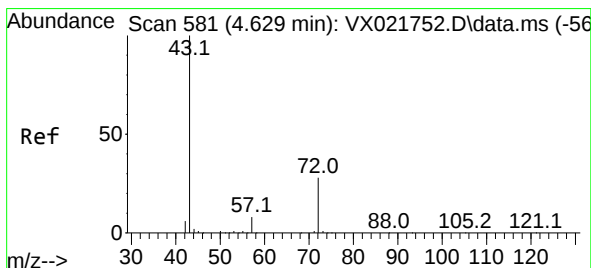
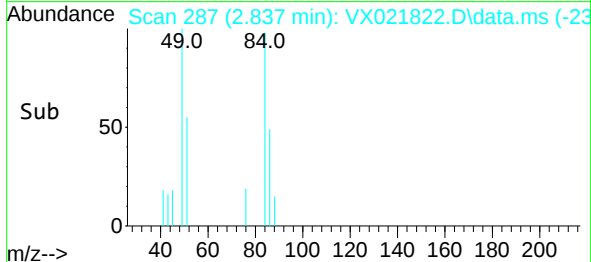
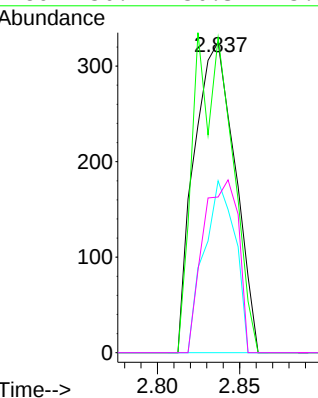
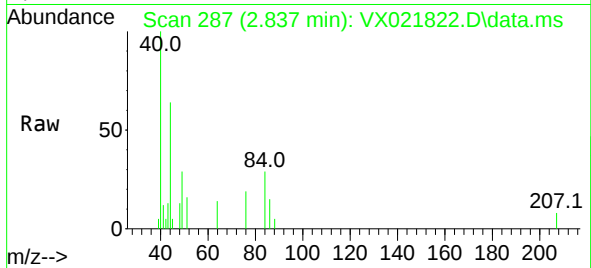
Ion Ratio Lower Upper

84 100

49 101.5 88.6 132.8

51 55.4 27.0 40.6#

86 50.2 50.3 75.5#



#25

2-Butanone

Concen: 0.41 ug/l

RT: 4.629 min Scan# 581

Delta R.T. 0.000 min

Lab File: VX021822.D

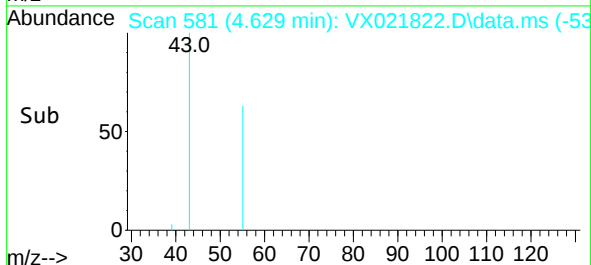
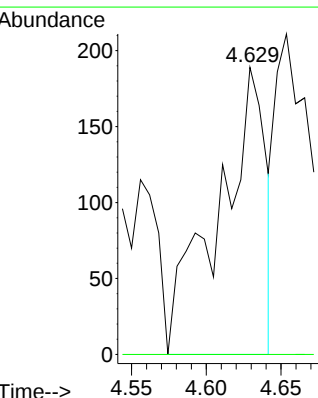
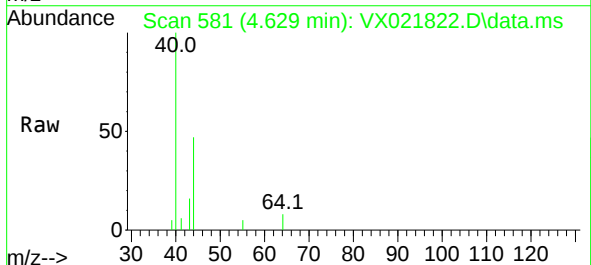
Acq: 22 Apr 2021 17:19

Tgt Ion: 43 Resp: 417

Ion Ratio Lower Upper

43 100

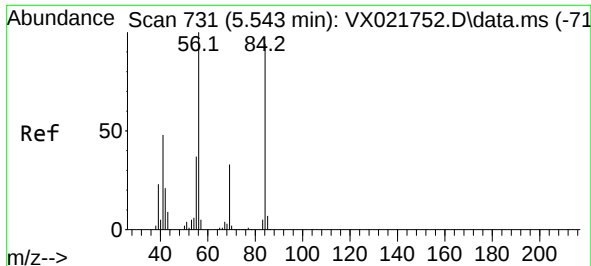
72 0.0 23.7 35.5#



Instrument :

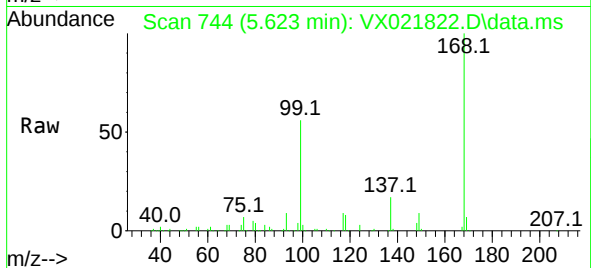
MSVOA_X

ClientSampleId :

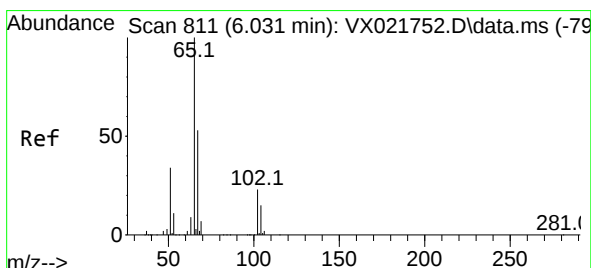
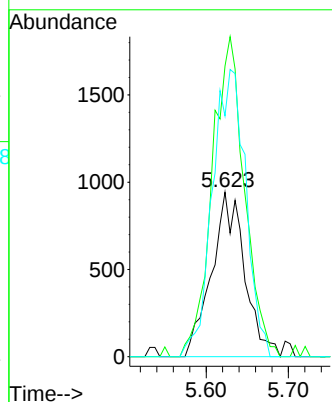
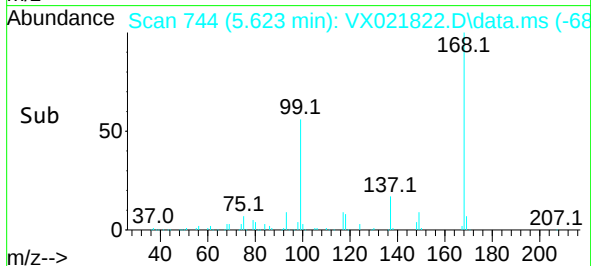


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

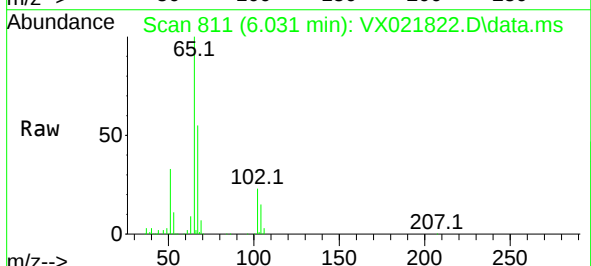
Instrument :
MSVOA_X
ClientSampleId :



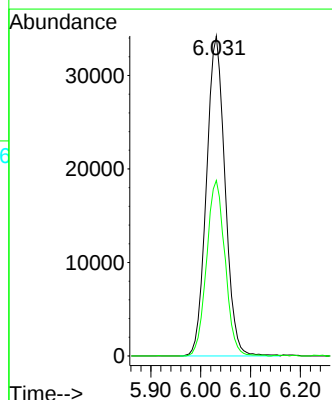
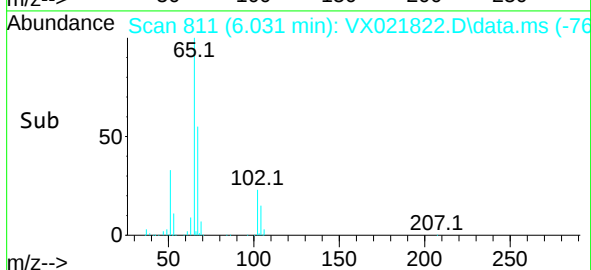
Tgt Ion: 56 Resp: 2636
Ion Ratio Lower Upper
56 100
69 176.6 25.3 37.9#
84 146.3 71.4 107.0#

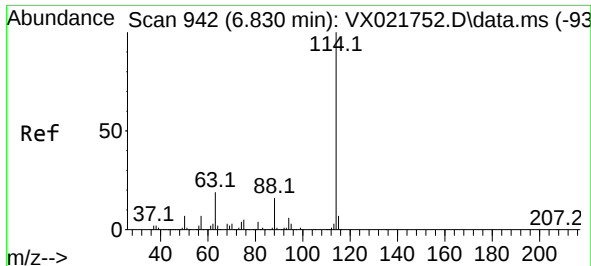


#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19



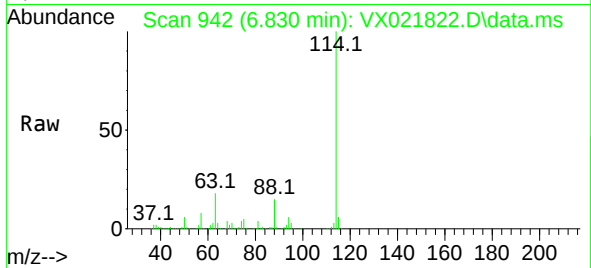
Tgt Ion: 65 Resp: 88522
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4



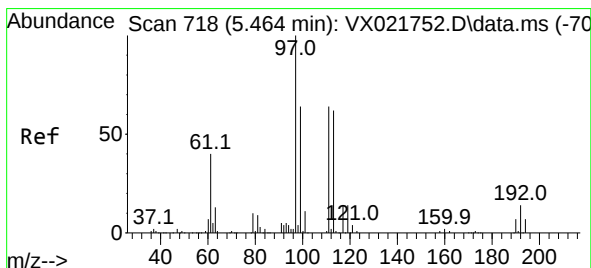
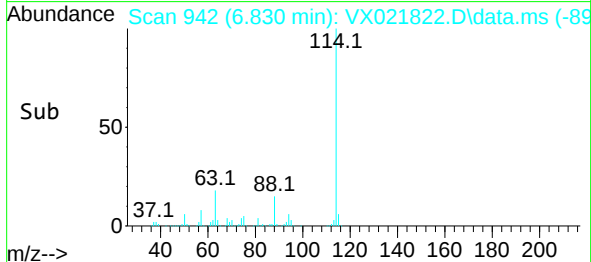
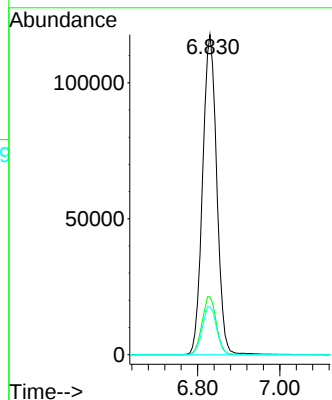


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Instrument :
MSVOA_X
ClientSampled :

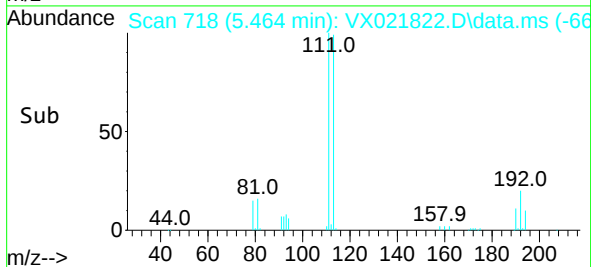
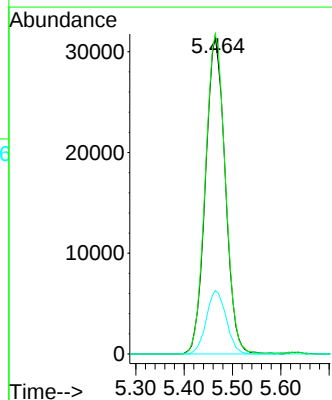
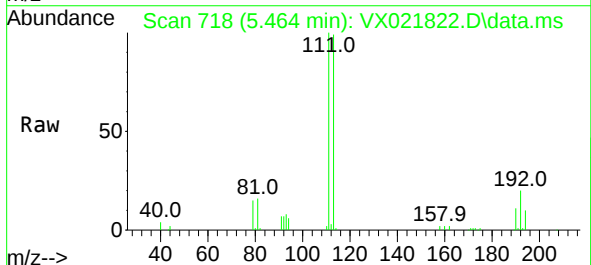


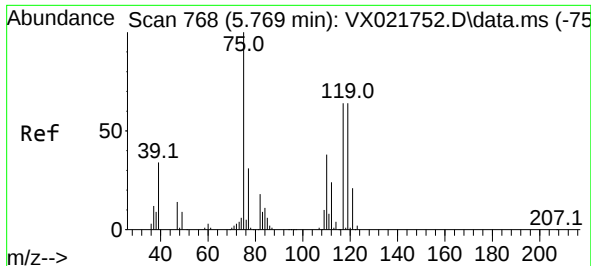
Tgt Ion:114 Resp: 280659
Ion Ratio Lower Upper
114 100
63 18.1 0.0 40.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.69 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion:113 Resp: 89190
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.1 16.7 25.1

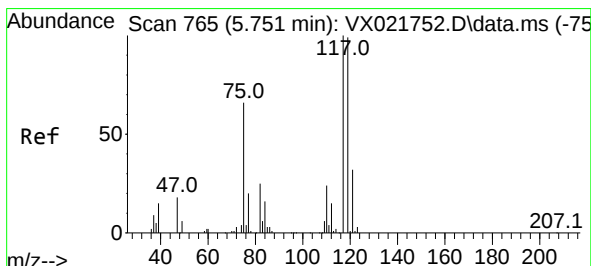
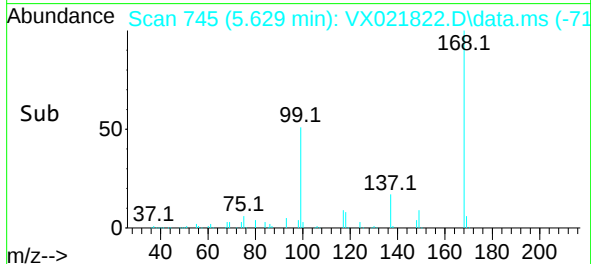
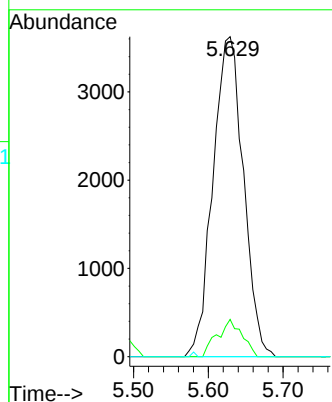
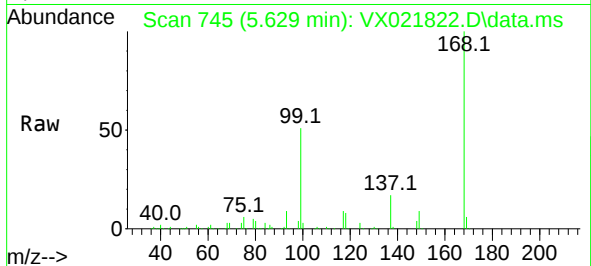




#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

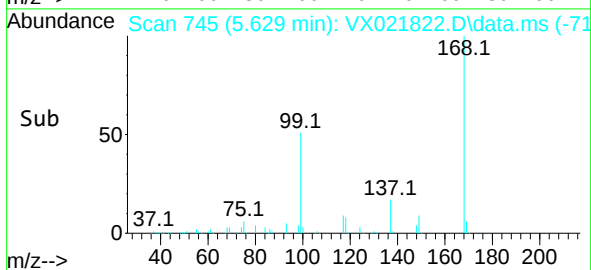
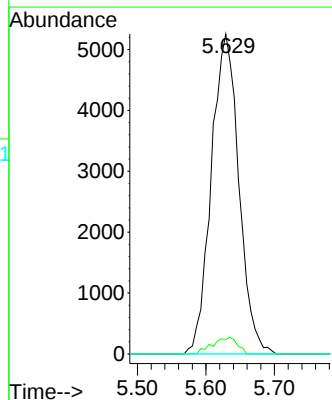
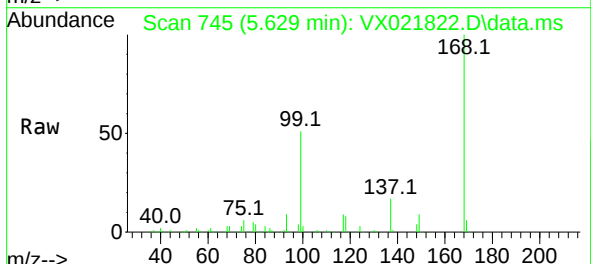
Instrument :
MSVOA_X
ClientSampleId :

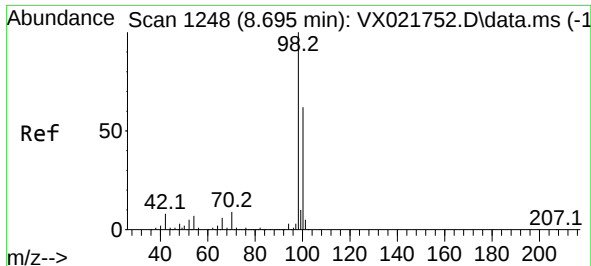
Tgt Ion: 75 Resp: 10266
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion: 117 Resp: 14656
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

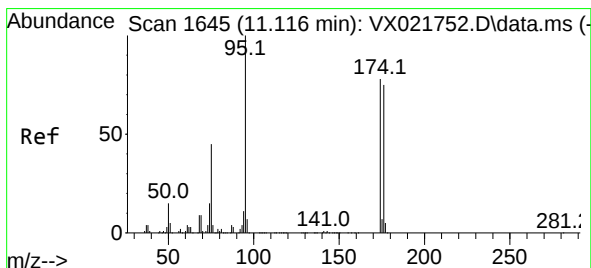
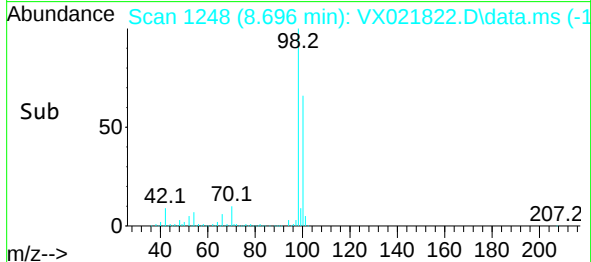
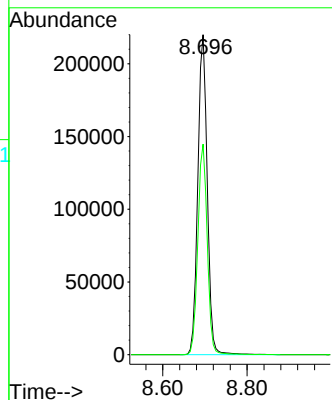
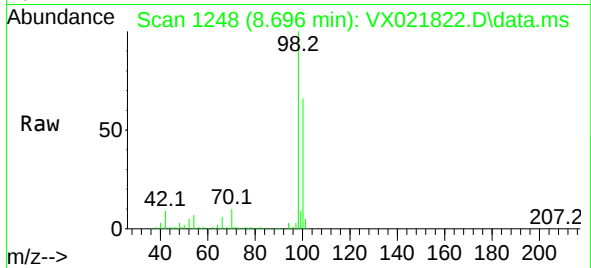




#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

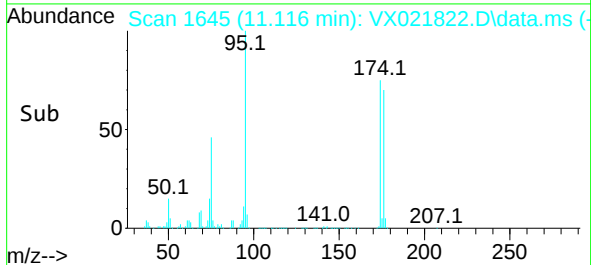
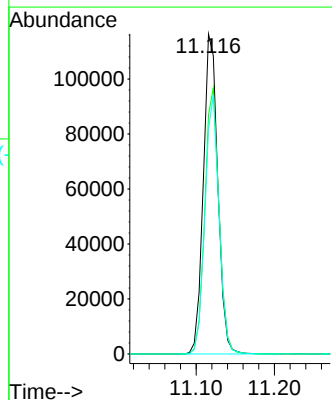
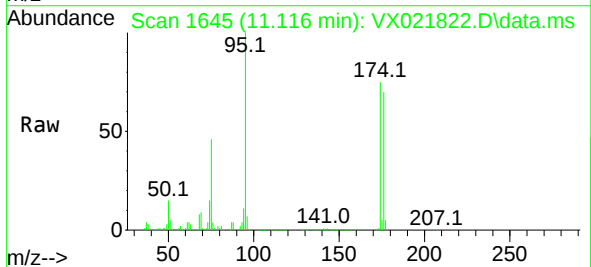
Instrument :
MSVOA_X
ClientSampled :

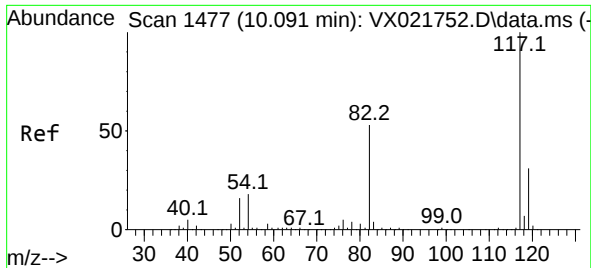
Tgt Ion: 98 Resp: 343449
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.76 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion: 95 Resp: 148851
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 79.0 0.0 155.8

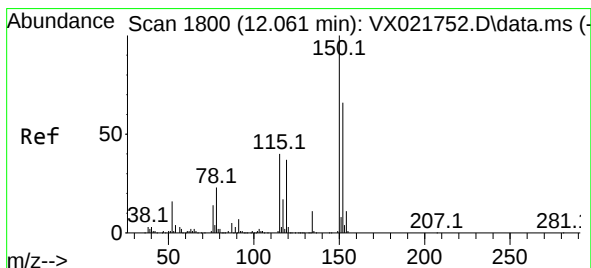
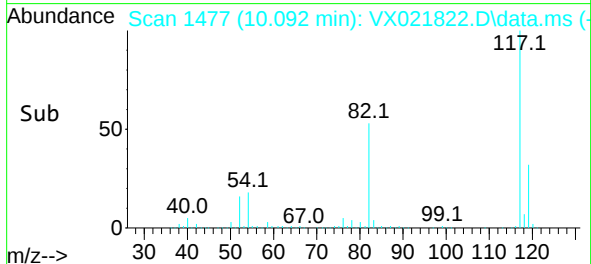
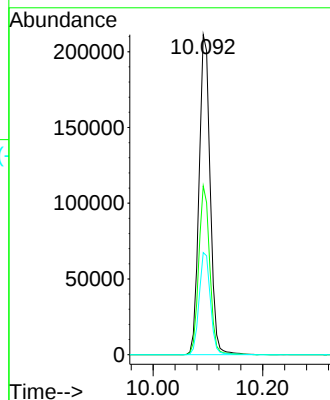
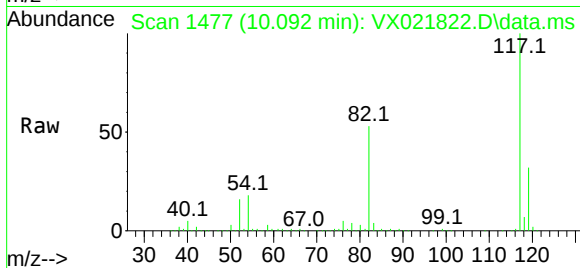




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

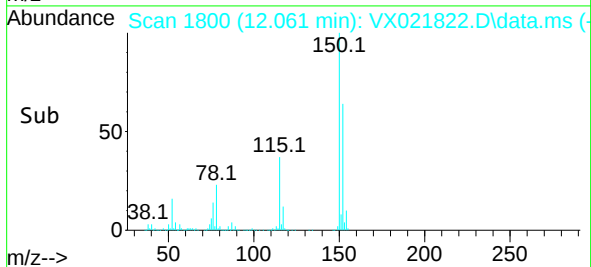
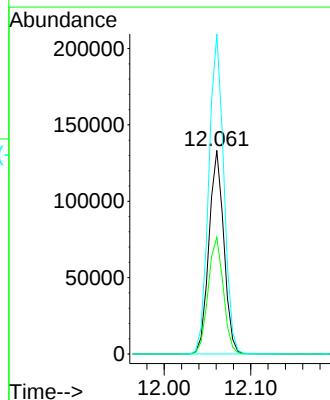
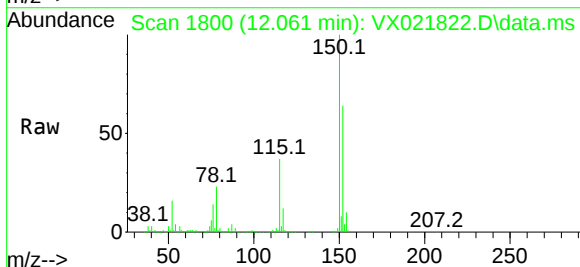
Instrument :
MSVOA_X
ClientSampled :

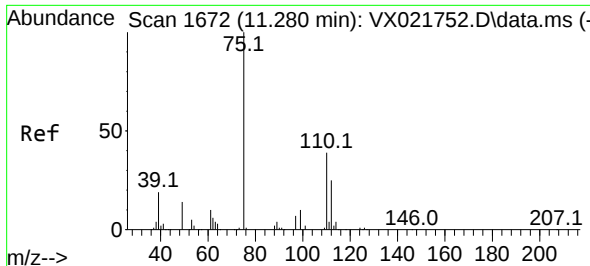
Tgt Ion:117 Resp: 297820
Ion Ratio Lower Upper
117 100
82 52.7 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion:152 Resp: 159128
Ion Ratio Lower Upper
152 100
115 58.4 41.1 123.3
150 158.4 0.0 349.0

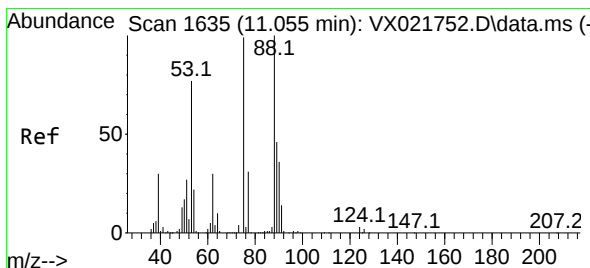
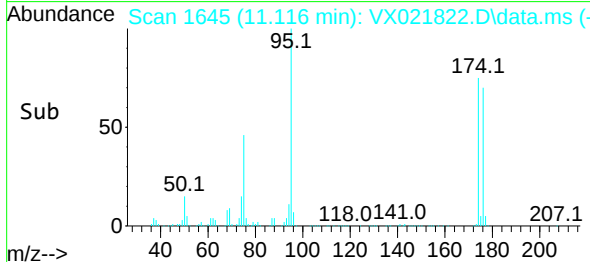
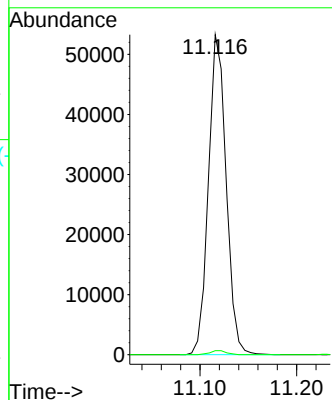
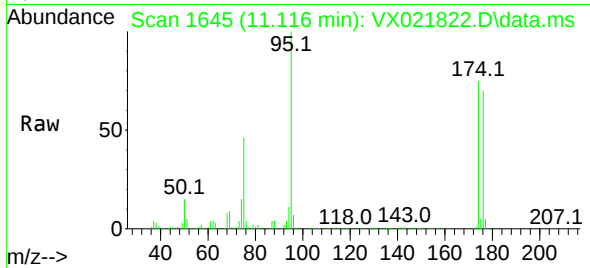




#76
1,2,3-Trichloropropane
Concen: 21.51 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 67890
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.47 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021822.D
Acq: 22 Apr 2021 17:19

Tgt Ion: 75 Resp: 67890
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

