

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021802.D
 Acq On : 21 Apr 2021 18:52
 Operator : JC/MD
 Sample : M2114-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-X

Quant Time: Apr 22 09:01:25 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)

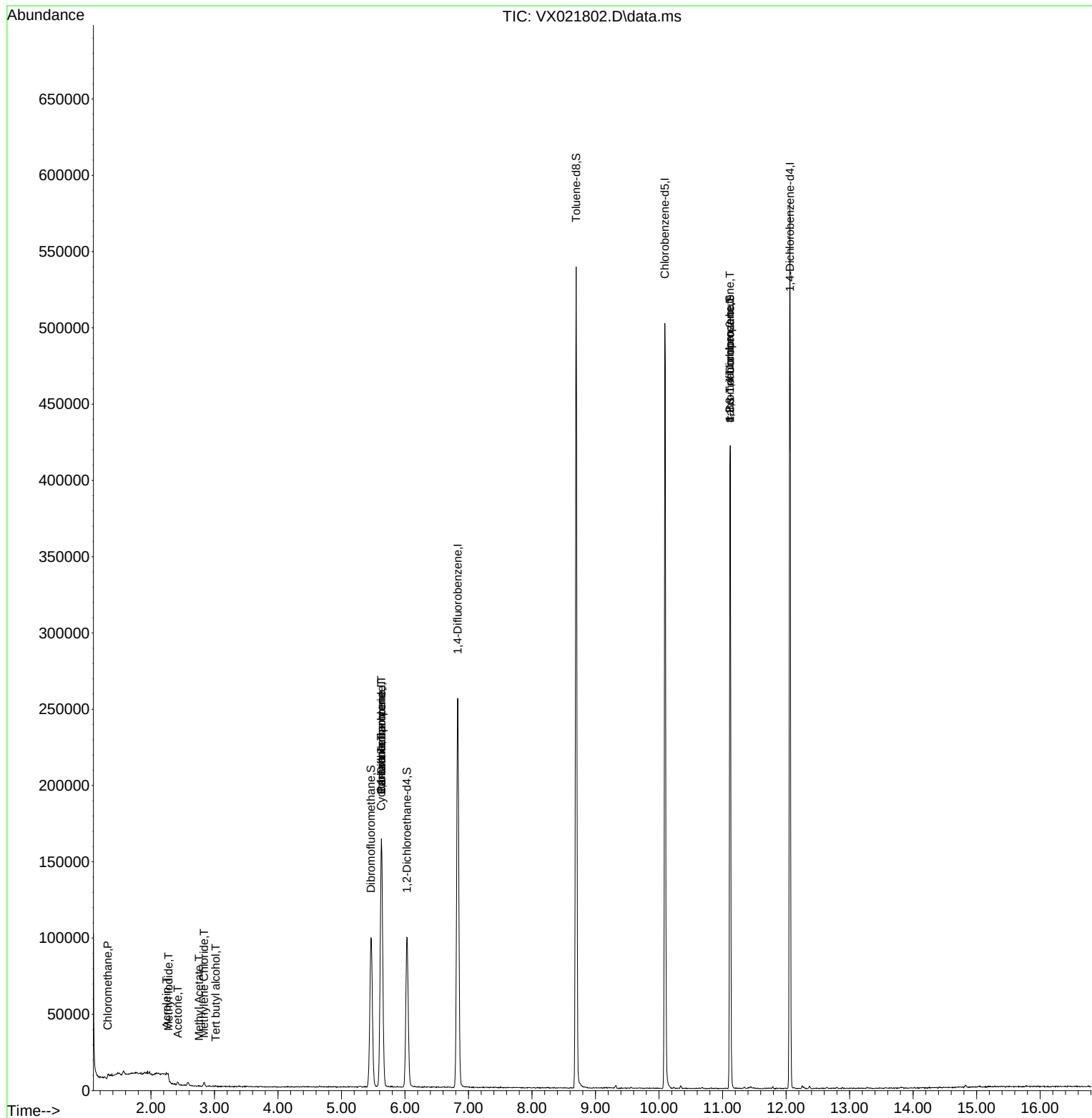
Internal Standards						
1) Pentafluorobenzene	5.629	168	160070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	277229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	249806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	122921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	94168	51.86	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.72%
35) Dibromofluoromethane	5.464	113	87934	49.60	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.20%
50) Toluene-d8	8.695	98	331107	48.57	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.14%
62) 4-Bromofluorobenzene	11.116	95	122223	48.01	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.02%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1361	0.97	ug/l #	75
10) Methyl Iodide	2.276	142	20	8.16	ug/l #	42
11) Tert butyl alcohol	3.020	59	215	0.54	ug/l #	12
13) Acrolein	2.245	56	365	1.13	ug/l #	14
16) Acetone	2.422	43	1824	2.92	ug/l	94
18) Methyl Acetate	2.757	43	356	0.21	ug/l #	47
20) Methylene Chloride	2.837	84	1148	0.61	ug/l #	78
31) Cyclohexane	5.623	56	2887	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10979	4.49	ug/l #	48
38) Carbon Tetrachloride	5.629	117	15557	5.81	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	55170	22.63	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	55170	52.05	ug/l #	12

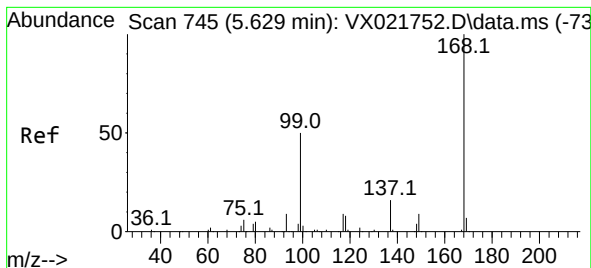
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 09:01:25 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

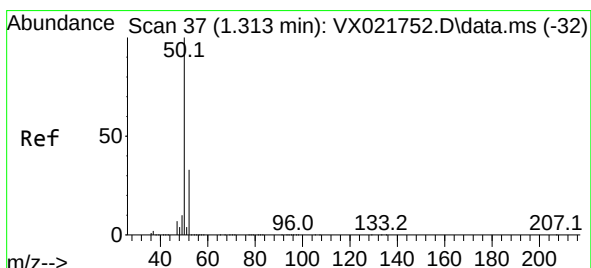
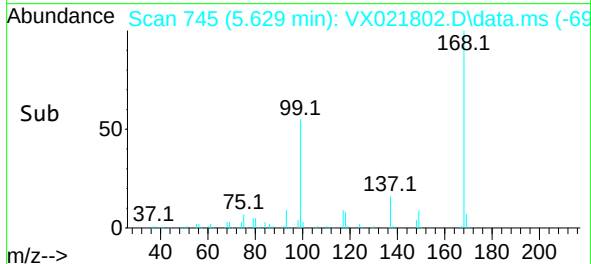
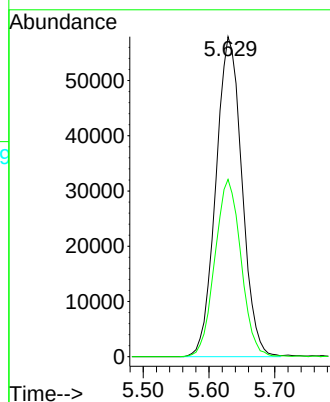
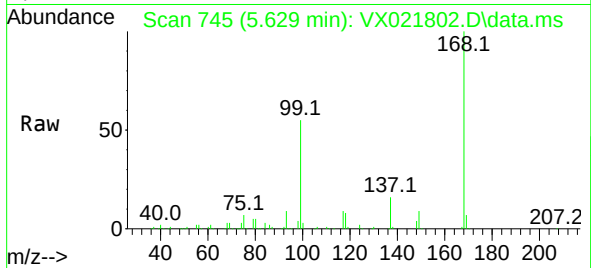




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

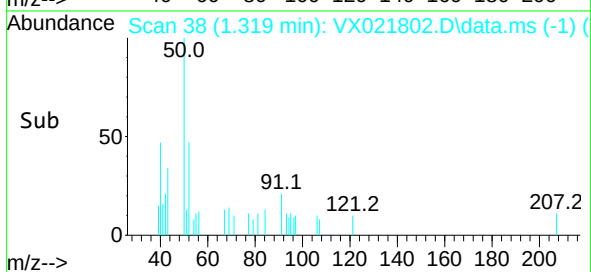
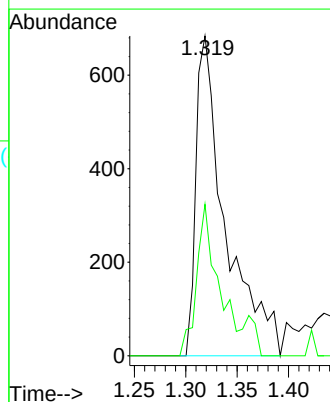
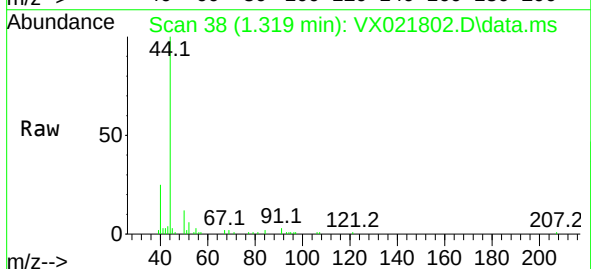
Instrument :
MSVOA_X
ClientSampleId :
GMW-X

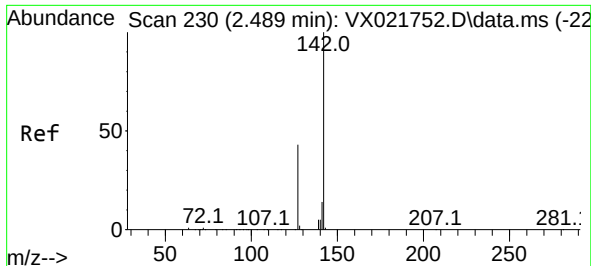
Tgt Ion:168 Resp: 160070
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#3
Chloromethane
Concen: 0.97 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Tgt Ion: 50 Resp: 1361
Ion Ratio Lower Upper
50 100
52 47.4 26.4 39.6#

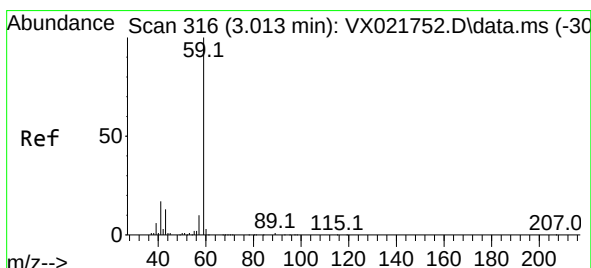
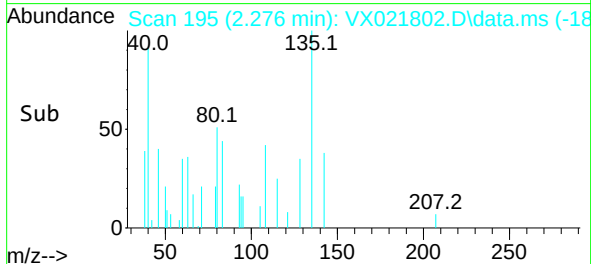
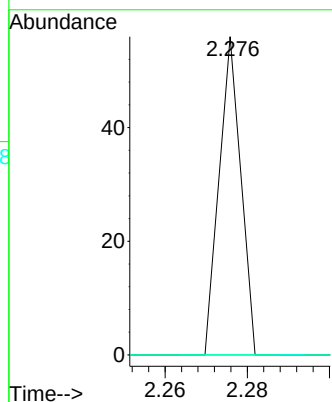
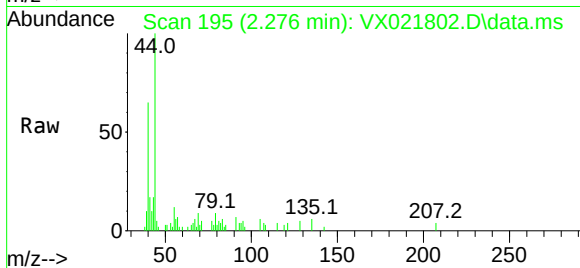




#10
Methyl Iodide
Concen: 8.16 ug/l
RT: 2.276 min Scan# 195
Delta R.T. -0.213 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

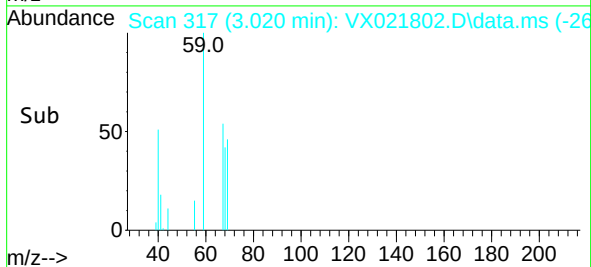
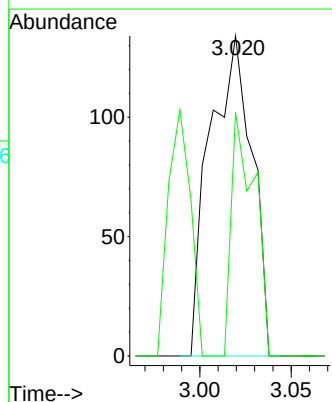
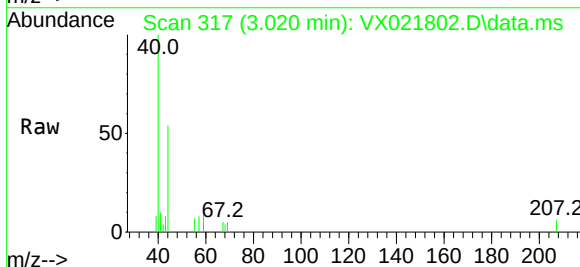
Instrument :
MSVOA_X
ClientSampleId :
GMW-X

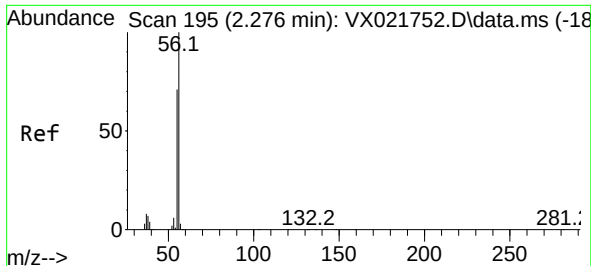
Tgt Ion:	142	Resp:	20
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#



#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.020 min Scan# 317
Delta R.T. 0.007 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Tgt Ion:	59	Resp:	215
Ion	Ratio	Lower	Upper
59	100		
57	42.3	7.8	11.8#

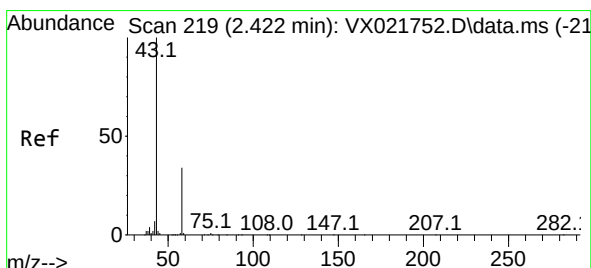
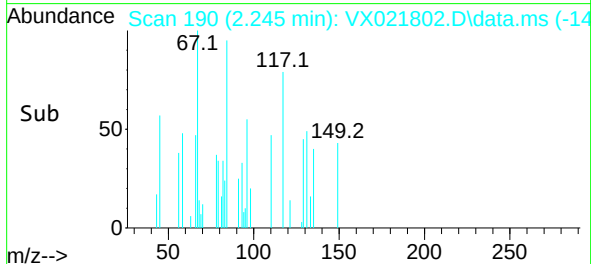
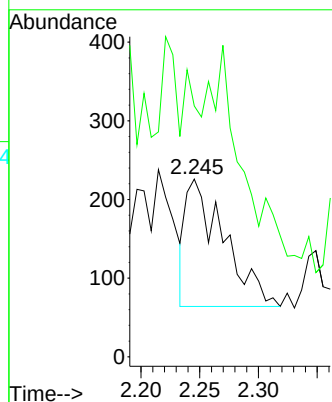
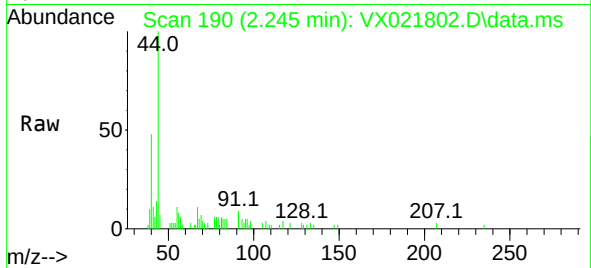




#13
Acrolein
Concen: 1.13 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.031 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

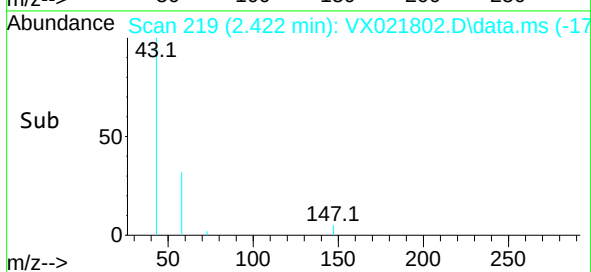
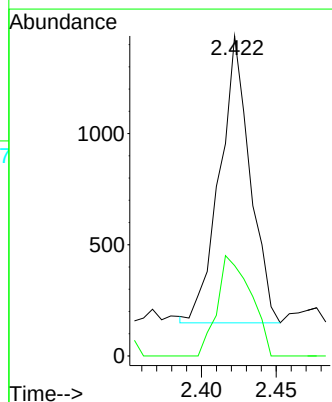
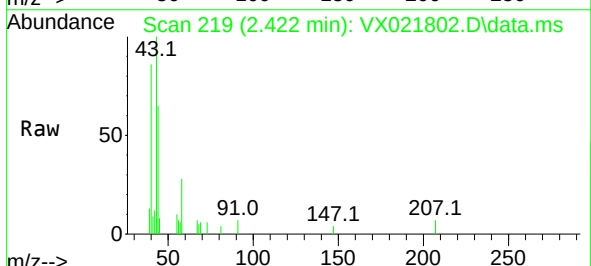
Instrument :
MSVOA_X
ClientSampleId :
GMW-X

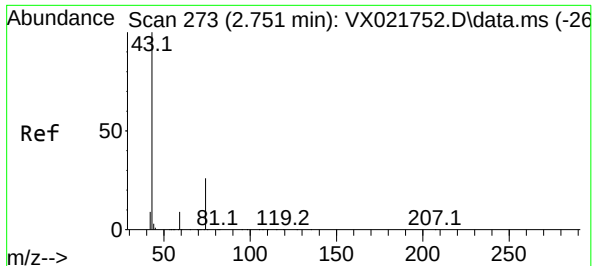
Tgt Ion: 56 Resp: 365
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.92 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8

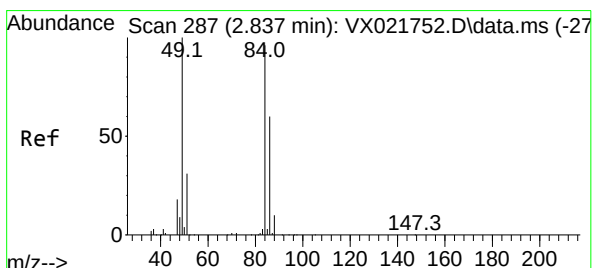
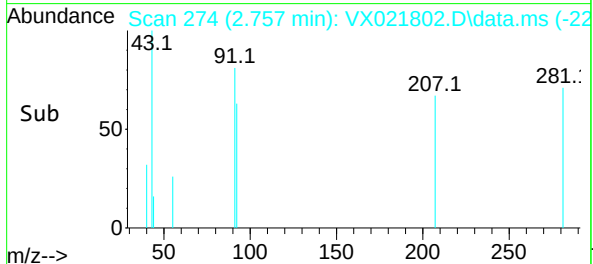
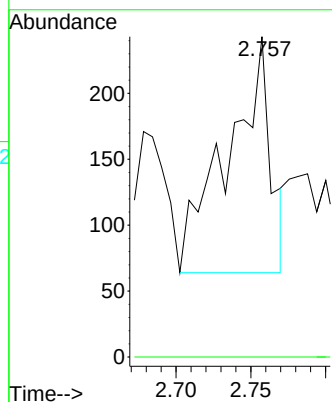
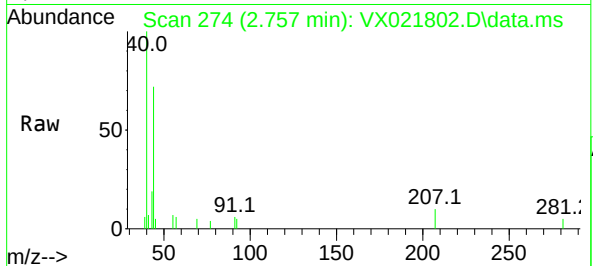




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.757 min Scan# 274
Delta R.T. 0.006 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

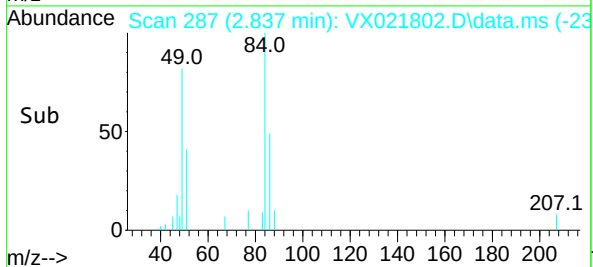
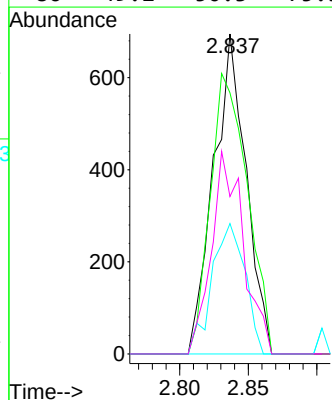
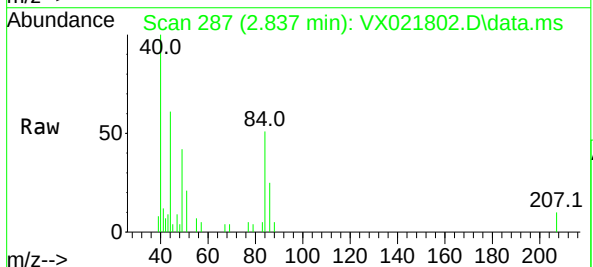
Instrument :
MSVOA_X
ClientSampled :
GMW-X

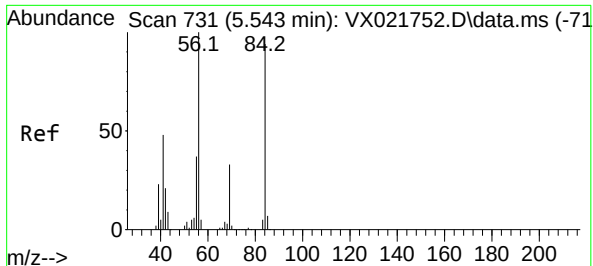
Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.61 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

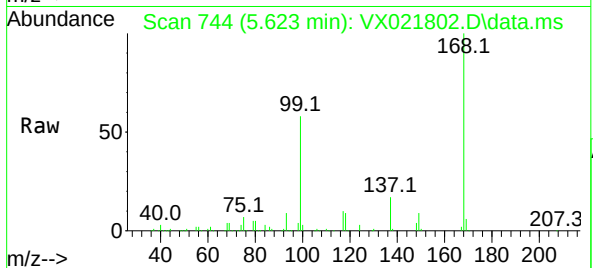
Tgt Ion: 84 Resp: 1148
Ion Ratio Lower Upper
84 100
49 81.6 88.6 132.8#
51 40.7 27.0 40.6#
86 49.2 50.3 75.5#



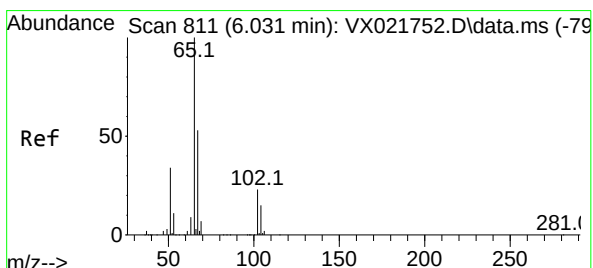
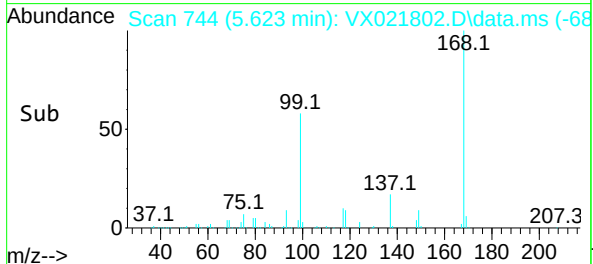
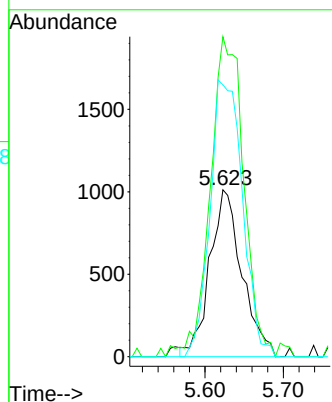


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Instrument :
MSVOA_X
ClientSampled :
GMW-X

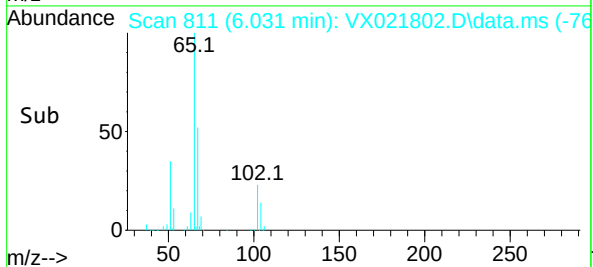
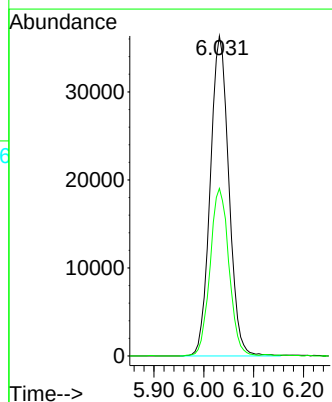
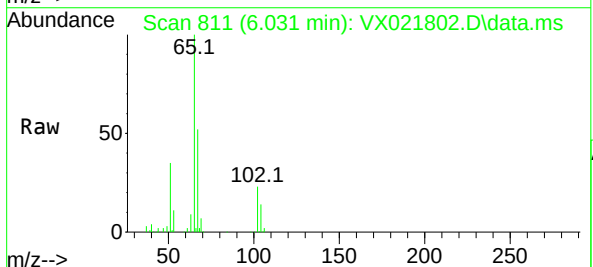


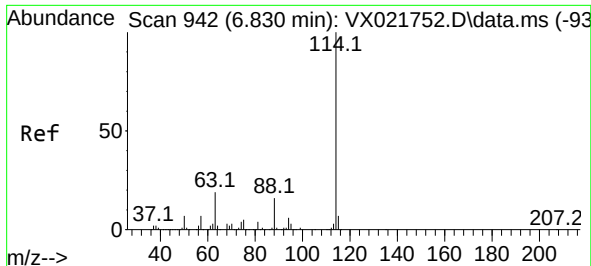
Tgt Ion: 56 Resp: 2887
Ion Ratio Lower Upper
56 100
69 186.1 25.3 37.9#
84 162.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.86 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Tgt Ion: 65 Resp: 94168
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

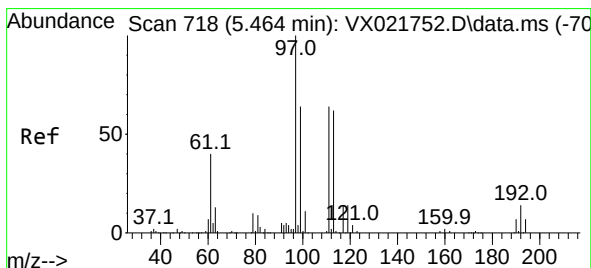
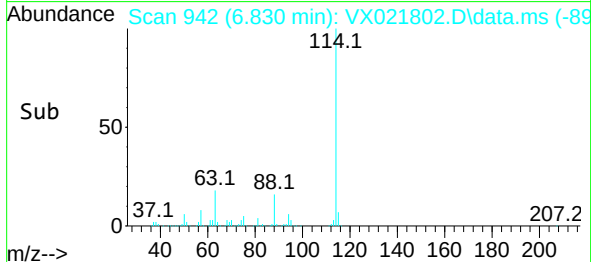
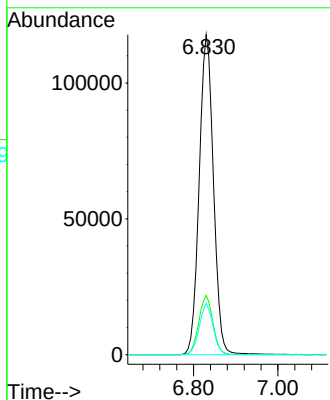
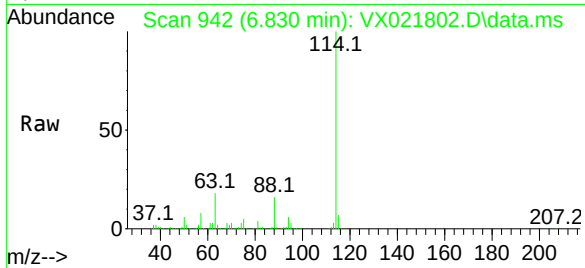




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

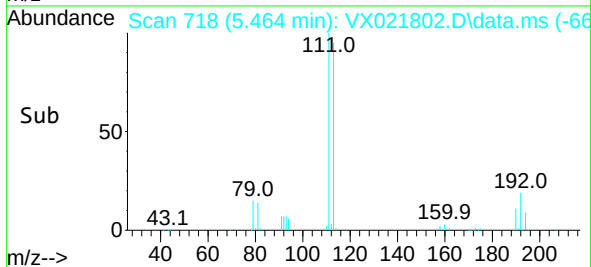
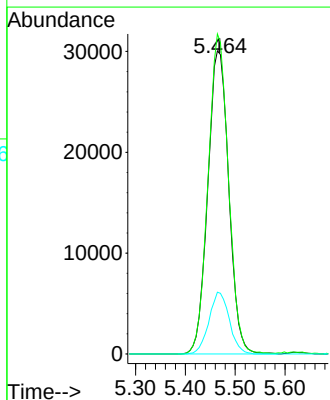
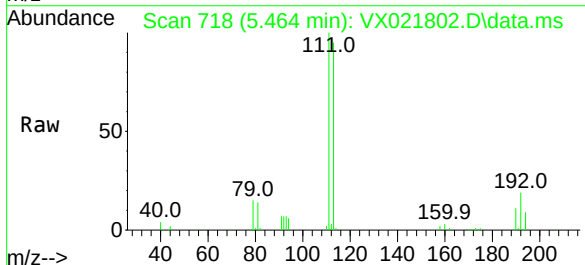
Instrument :
MSVOA_X
ClientSampleId :
GMW-X

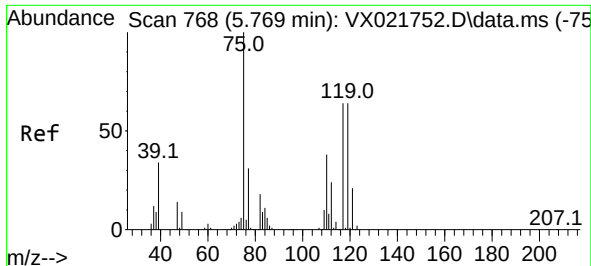
Tgt Ion:	114	Resp:	277229
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	40.8
88	16.1	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

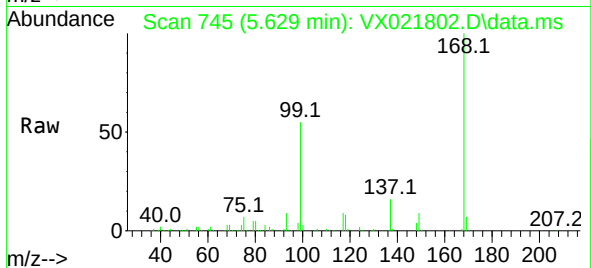
Tgt Ion:	113	Resp:	87934
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.9	122.9
192	19.7	16.7	25.1



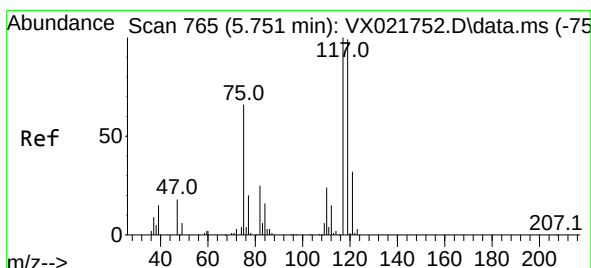
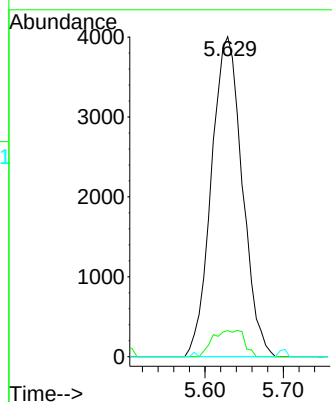
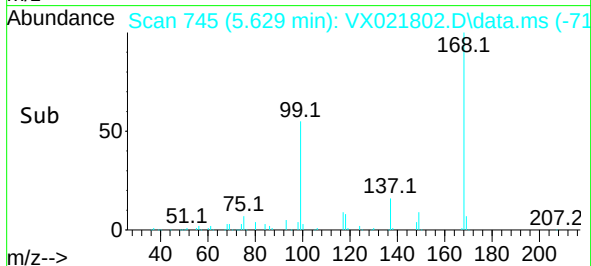


#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

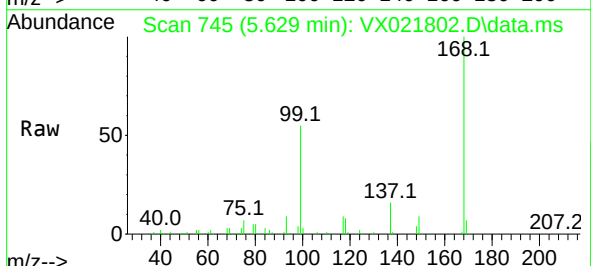
Instrument :
MSVOA_X
ClientSampled :
GMW-X



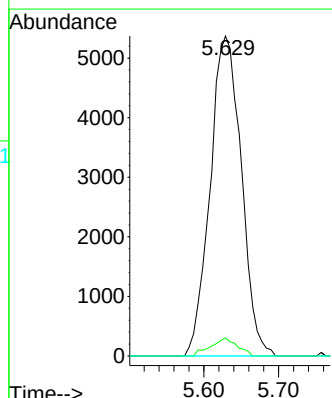
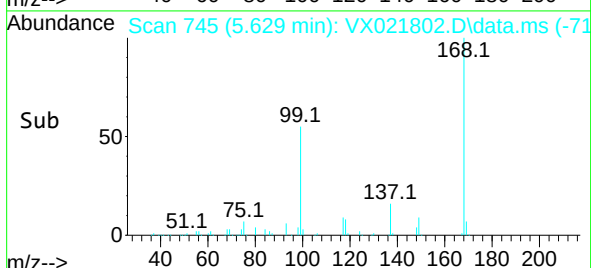
Tgt Ion: 75 Resp: 10979
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#

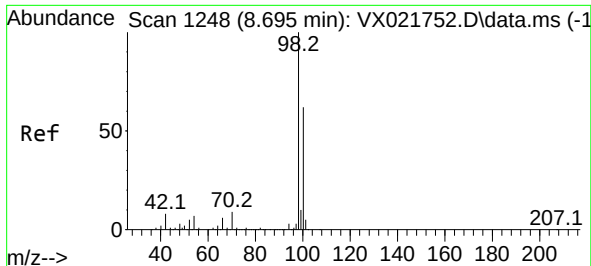


#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52



Tgt Ion: 117 Resp: 15557
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

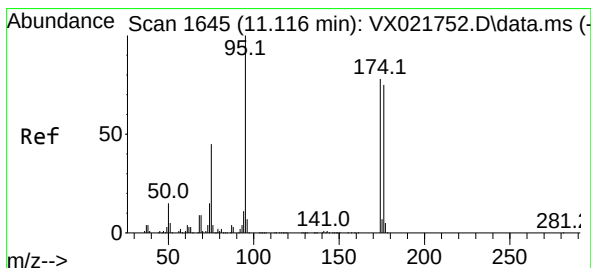
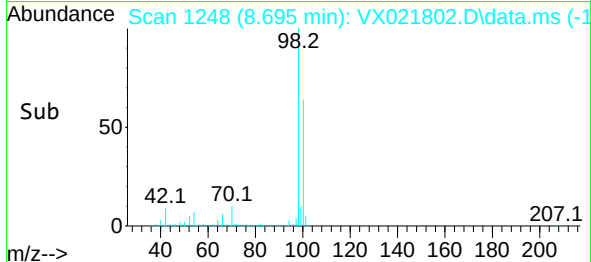
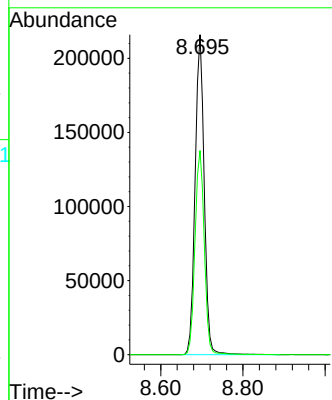
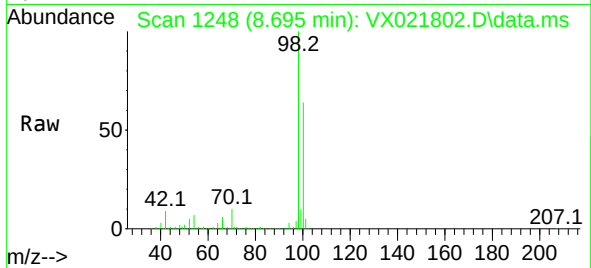




#50
Toluene-d8
Concen: 48.57 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

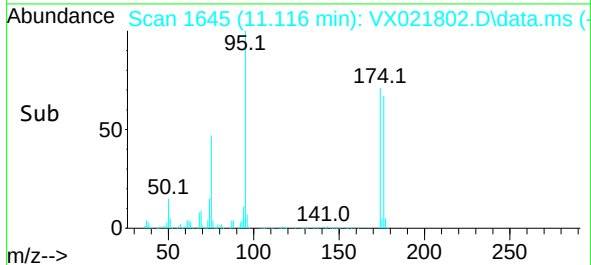
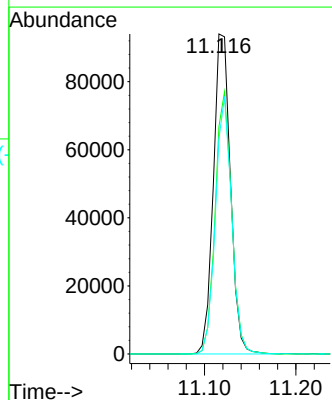
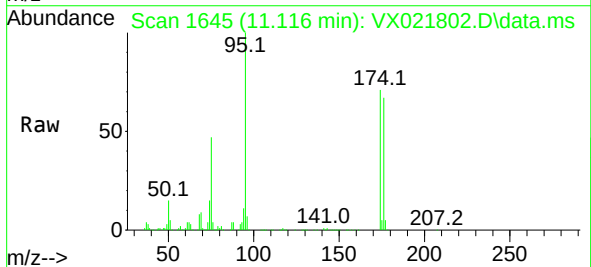
Instrument :
MSVOA_X
ClientSampleId :
GMW-X

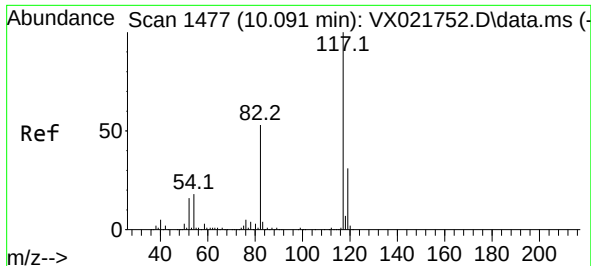
Tgt Ion: 98 Resp: 331107
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.01 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Tgt Ion: 95 Resp: 122223
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 76.4 0.0 155.8

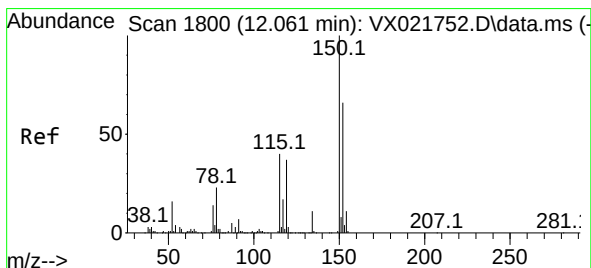
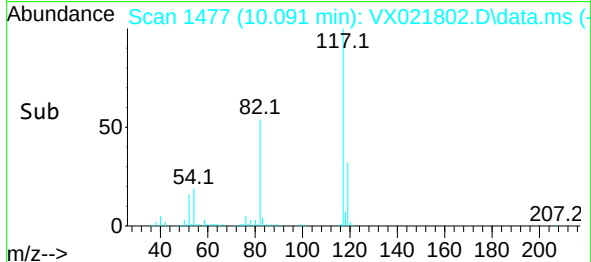
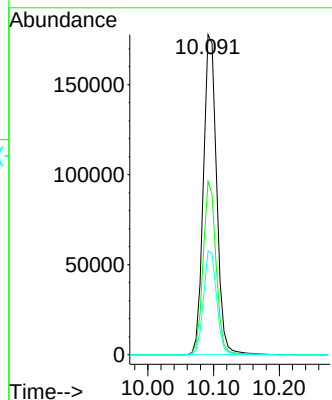
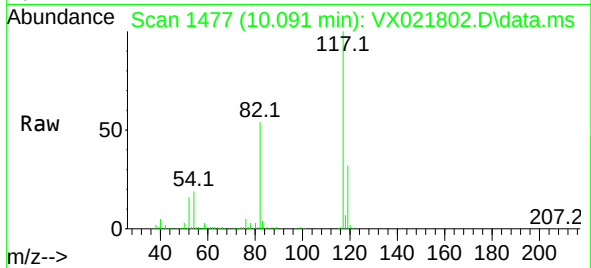




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

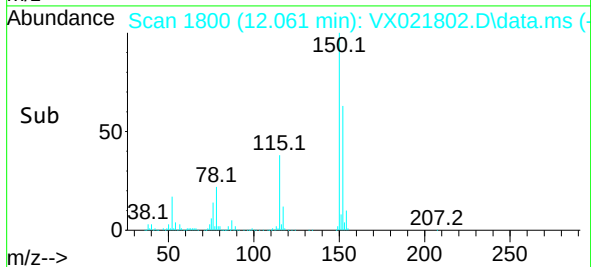
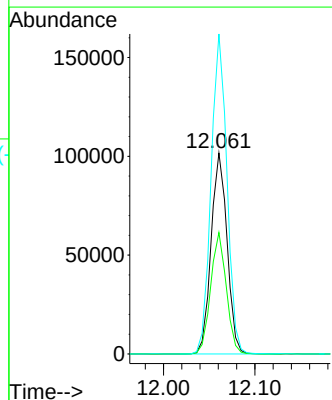
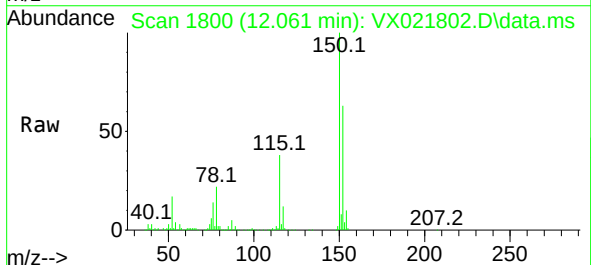
Instrument :
MSVOA_X
ClientSampleId :
GMW-X

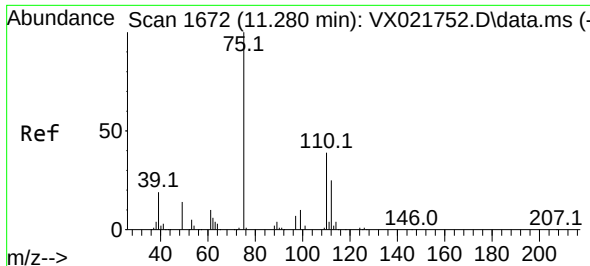
Tgt Ion:117 Resp: 249806
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Tgt Ion:152 Resp: 122921
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 158.0 0.0 349.0

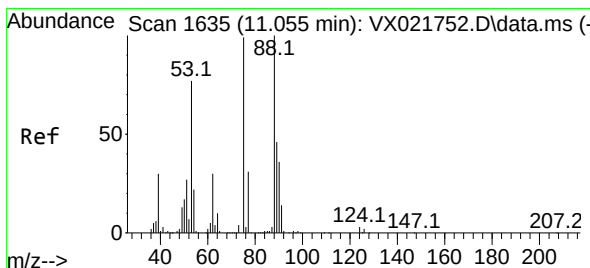
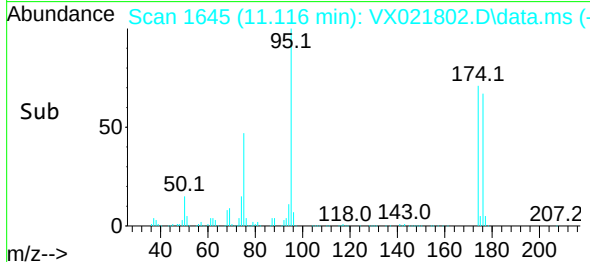
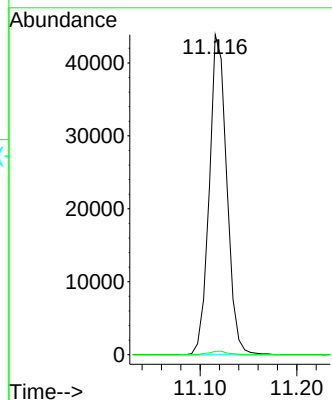
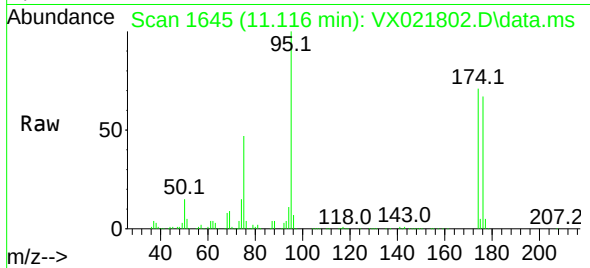




#76
1,2,3-Trichloropropane
Concen: 22.63 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Instrument :
MSVOA_X
ClientSampled :
GMW-X

Tgt Ion: 75 Resp: 55170
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.05 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021802.D
Acq: 21 Apr 2021 18:52

Tgt Ion: 75 Resp: 55170
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

