

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020178.D
 Acq On : 19 Dec 2020 17:57
 Operator : JC/MD
 Sample : L5096-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW022-121220

Quant Time: Dec 21 02:34:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

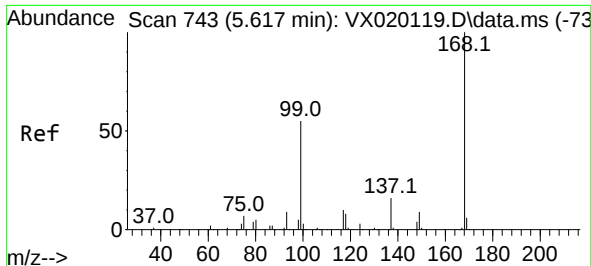
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	294650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	499062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	457279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	196630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	195584	49.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.04%		
35) Dibromofluoromethane	5.464	113	158707	49.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.42%		
50) Toluene-d8	8.696	98	609756	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.24%		
62) 4-Bromofluorobenzene	11.122	95	212380	45.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.32%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	599	0.46	ug/l #	68
6) Chloroethane	1.605	64	3258	1.29	ug/l #	52
10) Methyl Iodide	2.495	142	383	3.38	ug/l #	85
11) Tert butyl alcohol	2.995	59	807	0.91	ug/l #	73
16) Acetone	2.416	43	1278	0.71	ug/l #	86
21) trans-1,2-Dichloroethene	3.142	96	1976	0.54	ug/l	87
31) Cyclohexane	5.623	56	5830	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23084	4.68	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29746	6.34	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	104221	21.52	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	104221	63.84	ug/l #	12

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

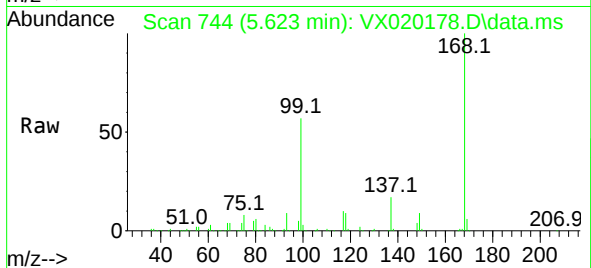
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



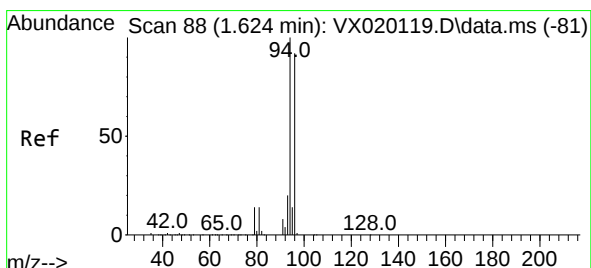
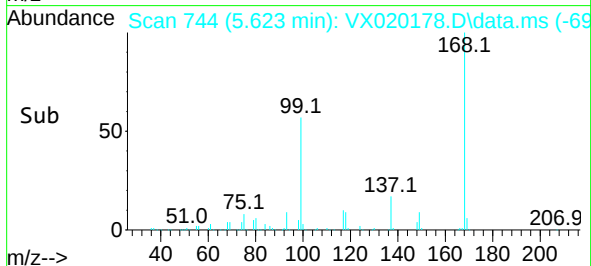
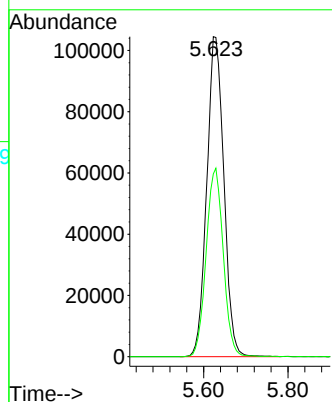


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220

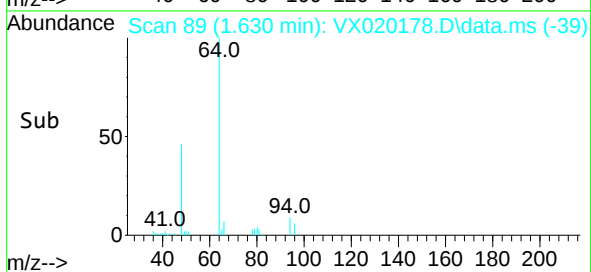
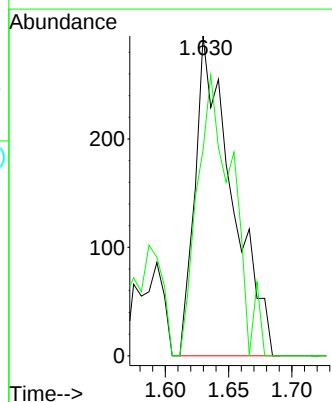
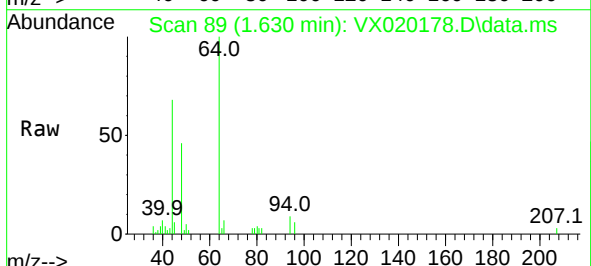


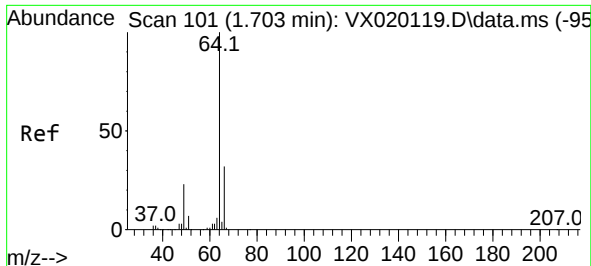
Tgt Ion:168 Resp: 294650
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

Tgt Ion: 94 Resp: 599
Ion Ratio Lower Upper
94 100
96 64.4 76.4 114.6#

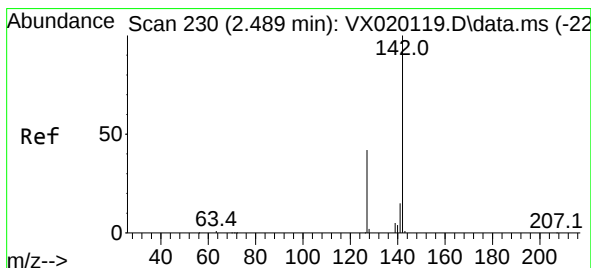
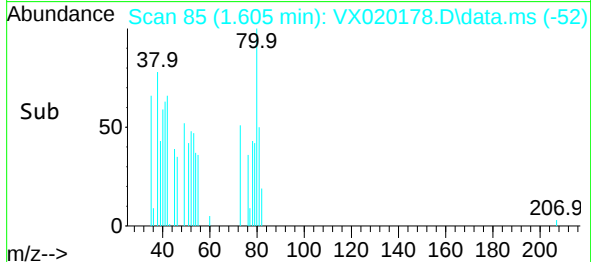
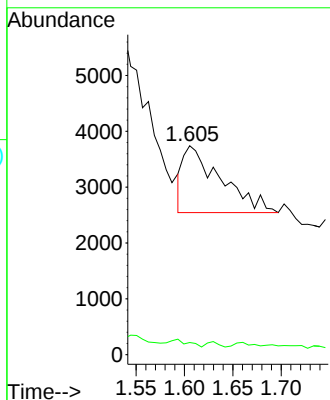
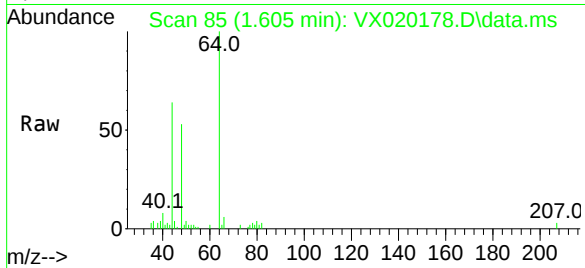




#6
Chloroethane
Concen: 1.29 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.098 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

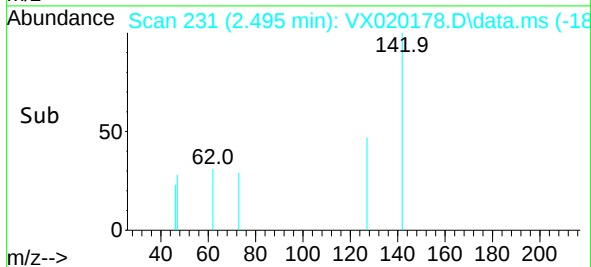
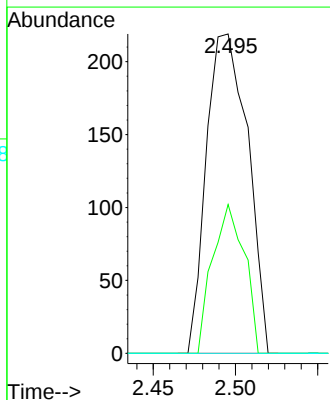
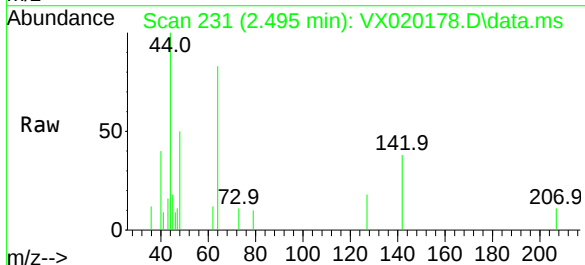
Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220

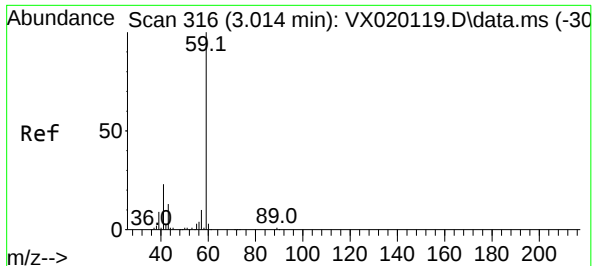
Tgt Ion: 64 Resp: 3258
Ion Ratio Lower Upper
64 100
66 4.9 25.4 38.0#



#10
Methyl Iodide
Concen: 3.38 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

Tgt Ion: 142 Resp: 383
Ion Ratio Lower Upper
142 100
127 36.0 33.3 49.9
141 0.0 11.4 17.0#



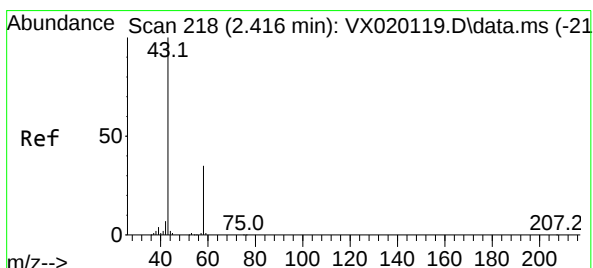
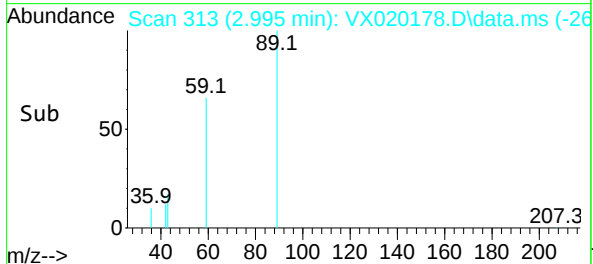
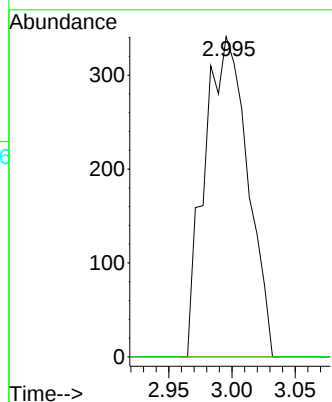
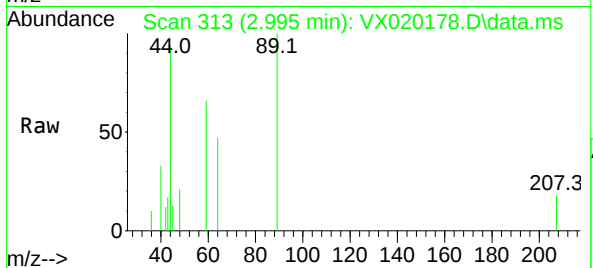


#11

Tert butyl alcohol
Concen: 0.91 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220

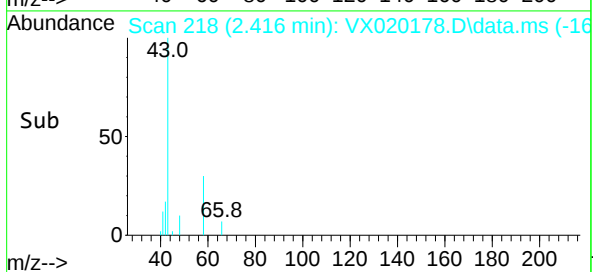
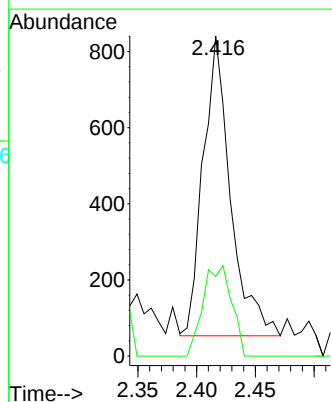
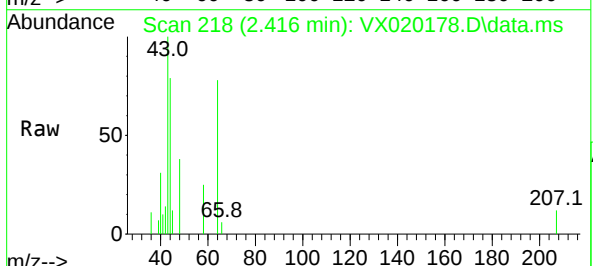
Tgt Ion: 59 Resp: 807
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

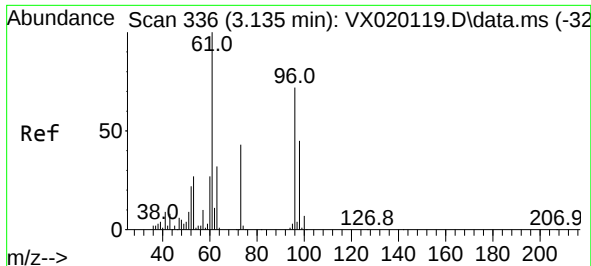


#16

Acetone
Concen: 0.71 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

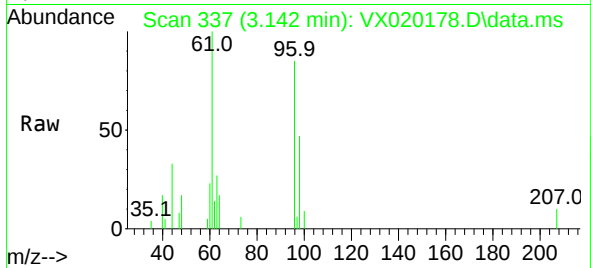
Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#



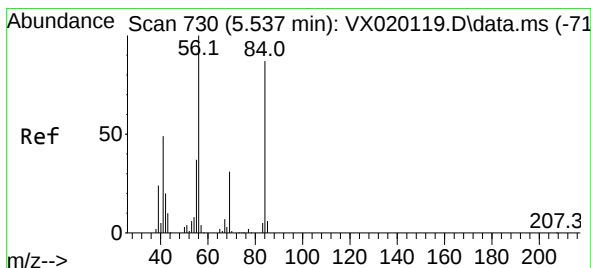
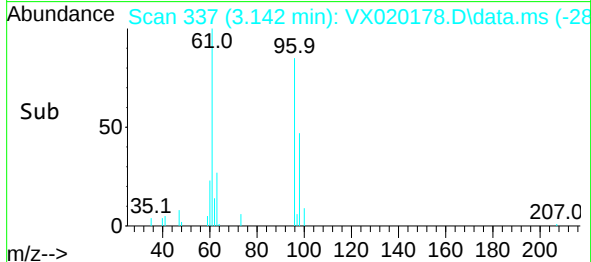
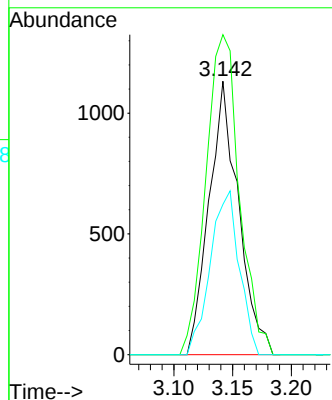


#21
trans-1,2-Dichloroethene
Concen: 0.54 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220

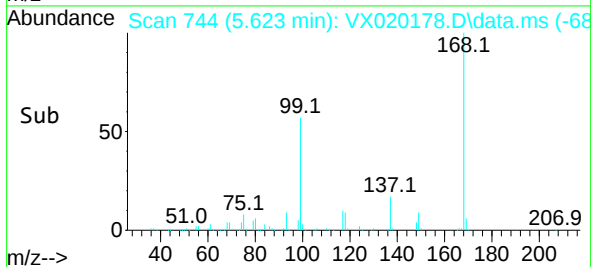
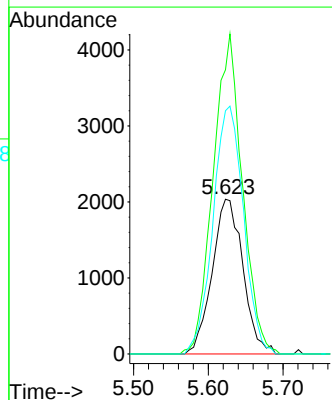
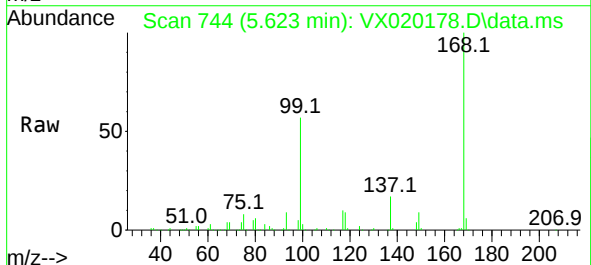


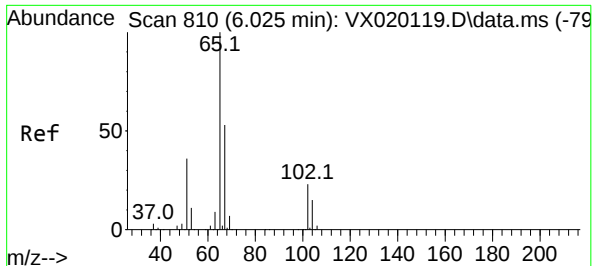
Tgt Ion: 96 Resp: 1976
Ion Ratio Lower Upper
96 100
61 117.0 107.7 161.5
98 54.9 50.4 75.6



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

Tgt Ion: 56 Resp: 5830
Ion Ratio Lower Upper
56 100
69 183.7 25.3 37.9#
84 157.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.52 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020178.D

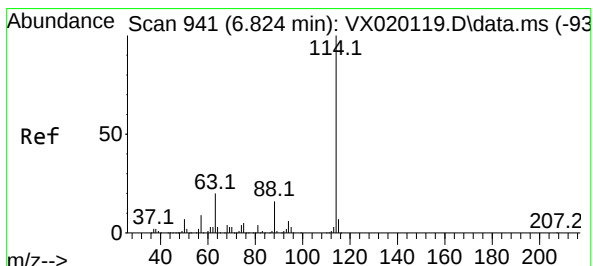
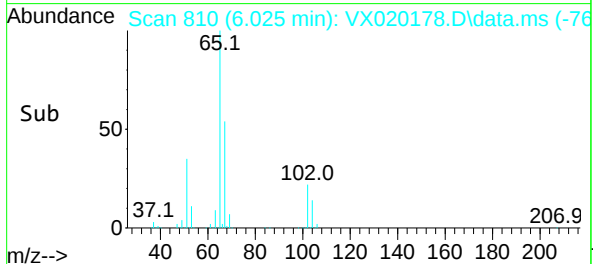
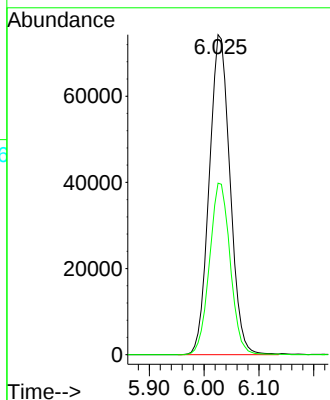
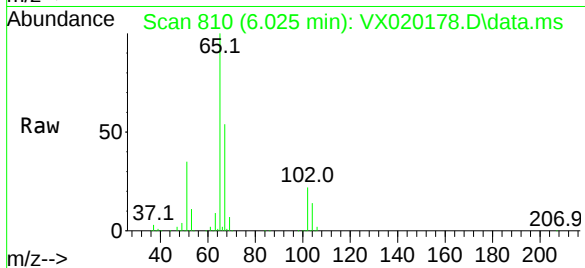
Acq: 19 Dec 2020 17:57

Tgt Ion: 65 Resp: 195584

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020178.D

Acq: 19 Dec 2020 17:57

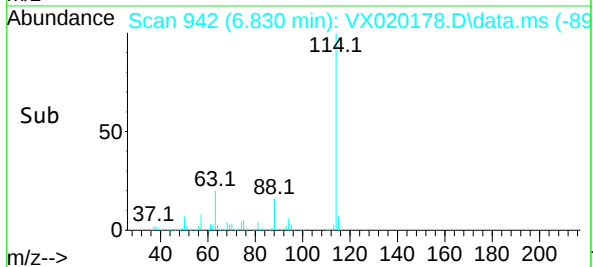
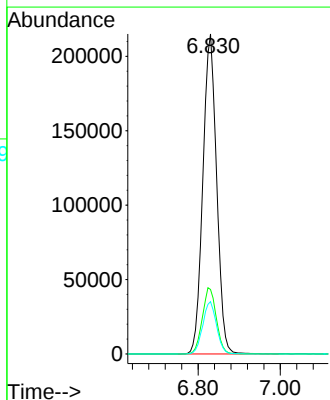
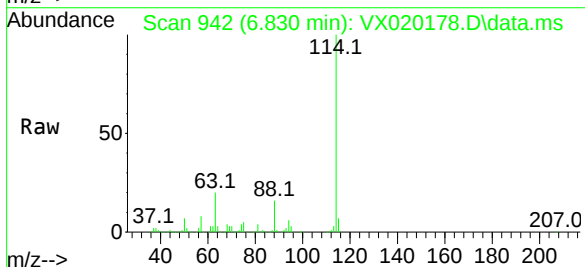
Tgt Ion: 114 Resp: 499062

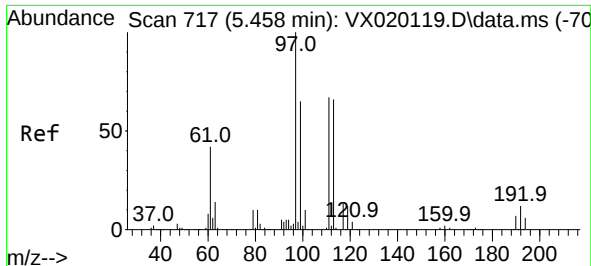
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.4 0.0 32.8

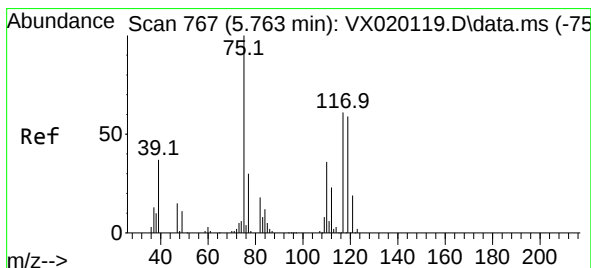
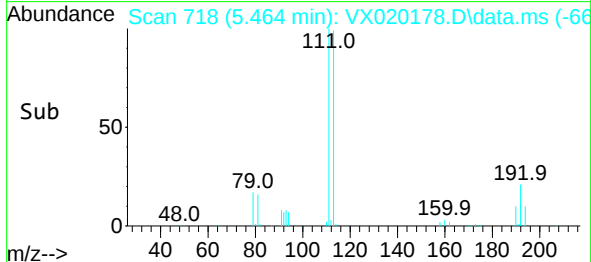
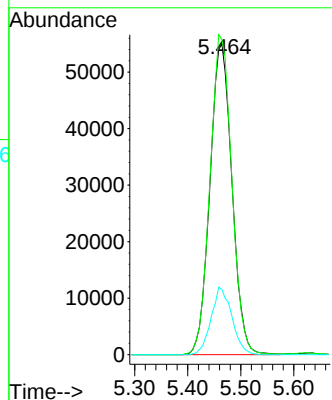
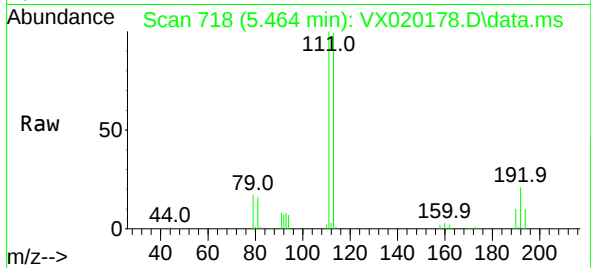




#35
Dibromofluoromethane
Concen: 49.71 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

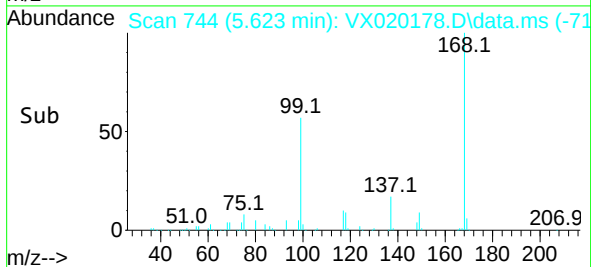
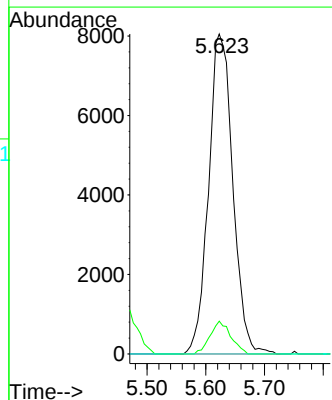
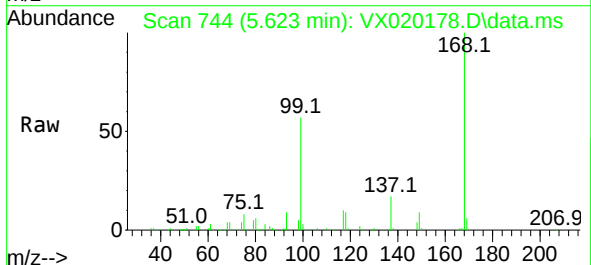
Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220

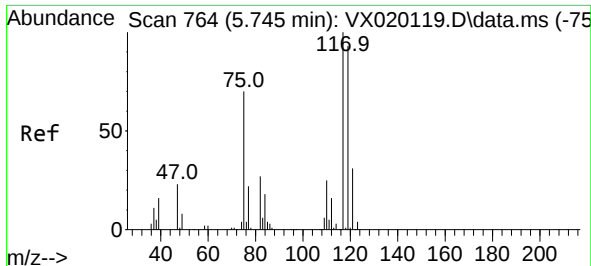
Tgt Ion:113 Resp: 158707
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

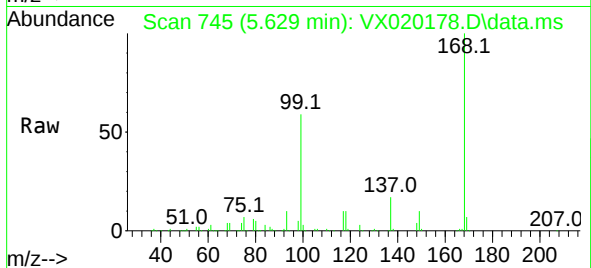
Tgt Ion: 75 Resp: 23084
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



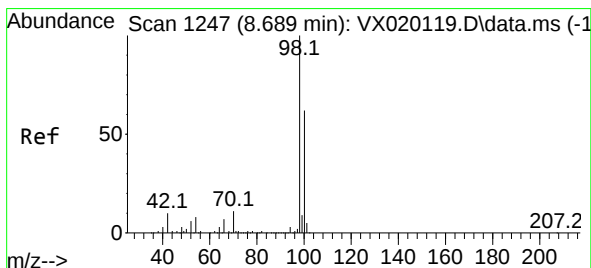
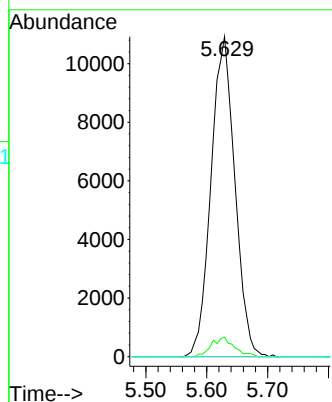
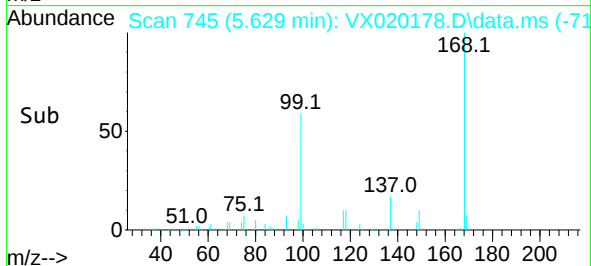


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

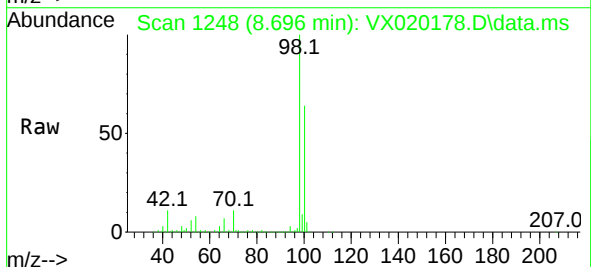
Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220



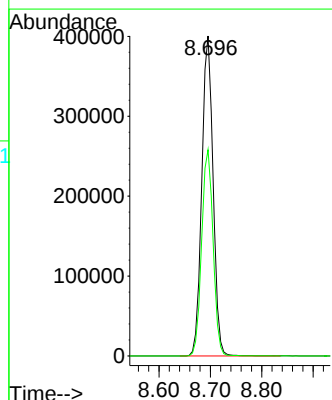
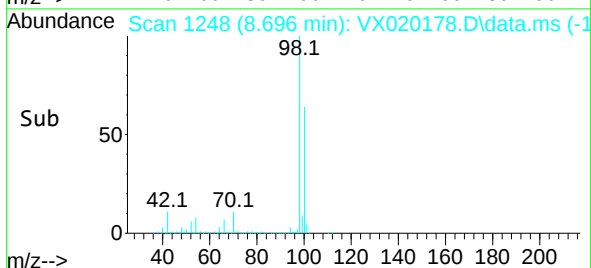
Tgt Ion:117 Resp: 29746
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

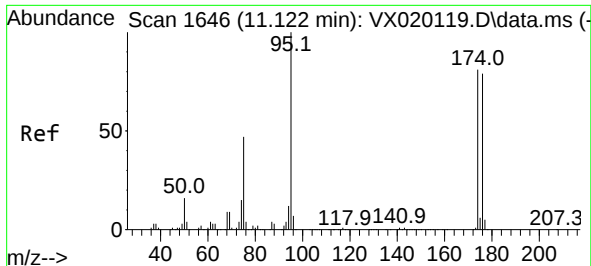


#50
Toluene-d8
Concen: 49.62 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57



Tgt Ion: 98 Resp: 609756
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

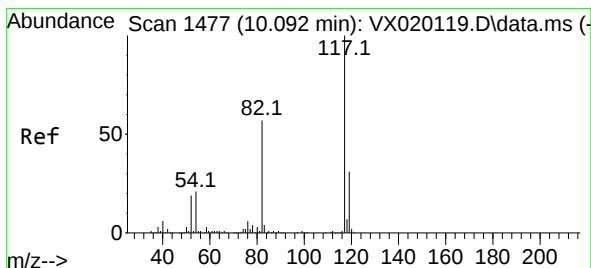
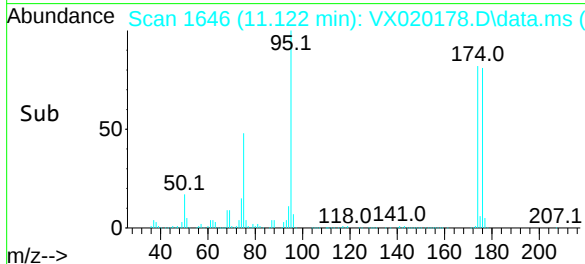
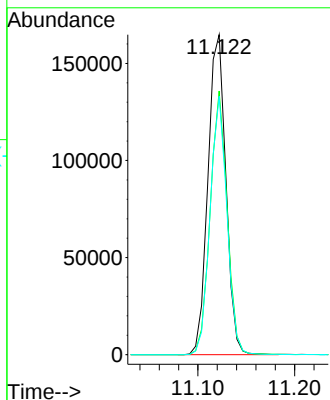
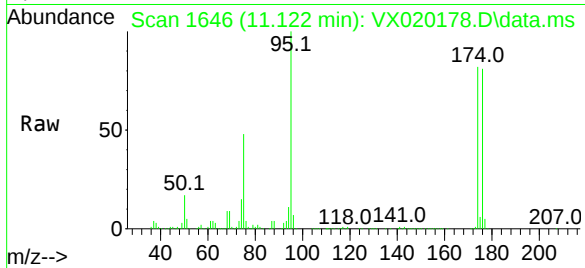




#62
4-Bromofluorobenzene
Concen: 45.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

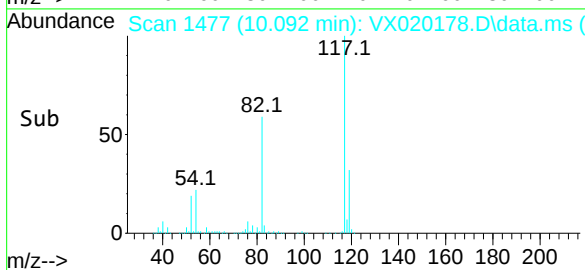
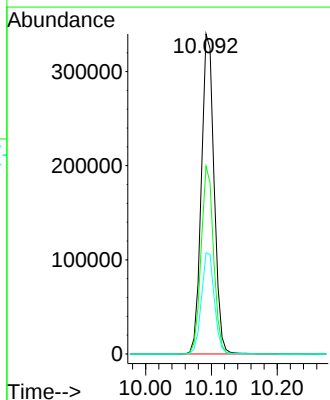
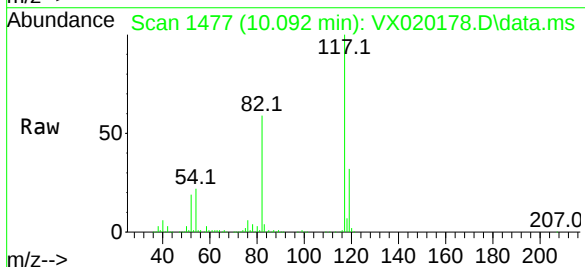
Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220

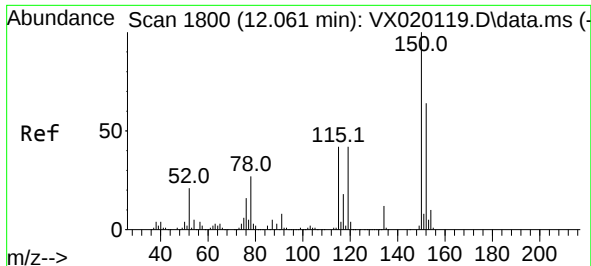
Tgt Ion: 95 Resp: 212380
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

Tgt Ion: 117 Resp: 457279
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.6 26.6 39.8

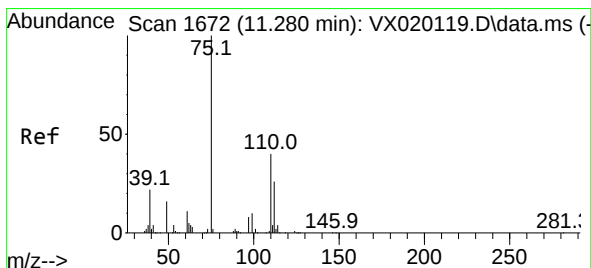
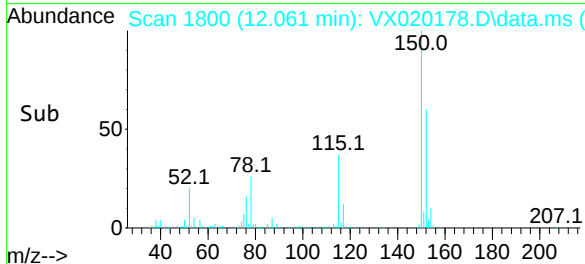
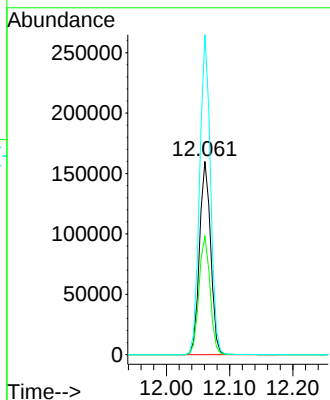
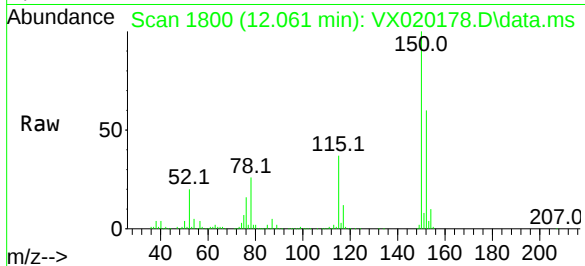




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

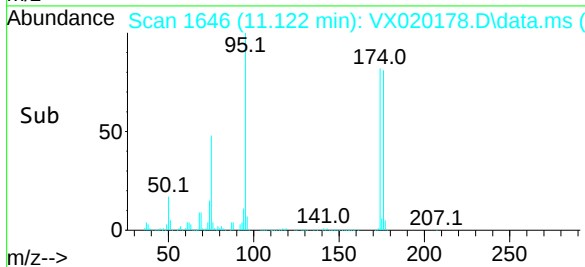
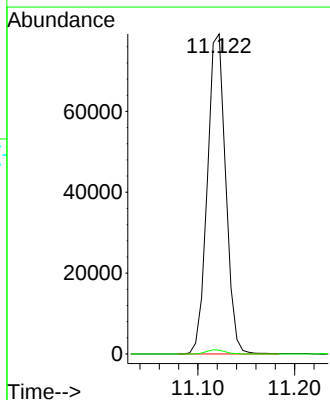
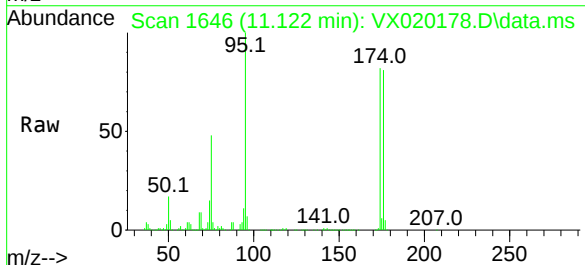
Instrument :
MSVOA_X
ClientSampleId :
49-MW022-121220

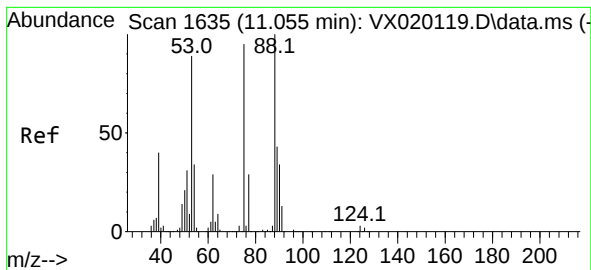
Tgt Ion:152 Resp: 196630
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 160.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.52 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020178.D
Acq: 19 Dec 2020 17:57

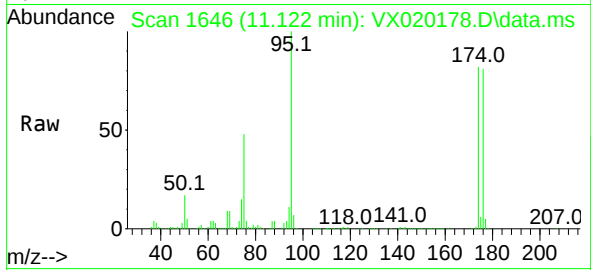
Tgt Ion: 75 Resp: 104221
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.84 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020178.D
 Acq: 19 Dec 2020 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW022-121220



Tgt Ion: 75 Resp: 104221
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

