

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020222.D
 Acq On : 20 Dec 2020 12:31
 Operator : JC/MD
 Sample : L5094-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW008(DOB)-121320

Quant Time: Dec 21 02:50:34 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)

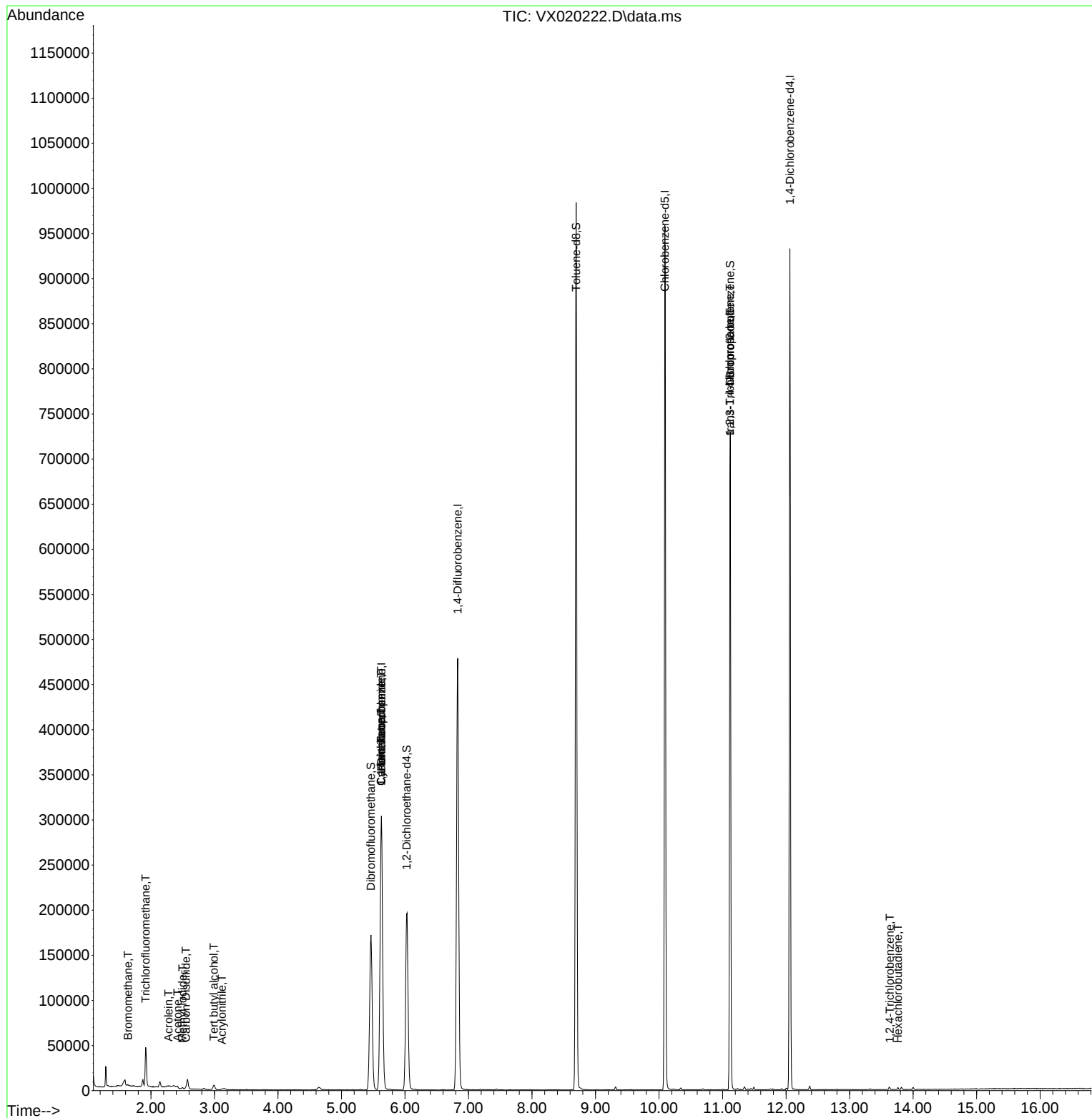
Internal Standards						
1) Pentafluorobenzene	5.629	168	283883	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	482443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	445057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	186678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	188647	49.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.14%		
35) Dibromofluoromethane	5.464	113	149575	48.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.94%		
50) Toluene-d8	8.696	98	587190	49.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.122	95	203905	44.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.70%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	906	0.73	ug/l #	78
7) Trichlorofluoromethane	1.916	101	27445	5.48	ug/l	98
10) Methyl Iodide	2.496	142	1475	3.65	ug/l #	94
11) Tert butyl alcohol	2.989	59	3086	3.62	ug/l #	73
13) Acrolein	2.276	56	274	0.51	ug/l #	1
15) Acrylonitrile	3.117	53	473	0.24	ug/l	91
16) Acetone	2.416	43	2243	1.29	ug/l	97
17) Carbon Disulfide	2.550	76	2229	0.26	ug/l	99
31) Cyclohexane	5.623	56	5885	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22840	4.79	ug/l #	49
38) Carbon Tetrachloride	5.623	117	29018	6.40	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	99948	21.74	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99948	64.48	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.634	180	837	0.21	ug/l	99
94) Hexachlorobutadiene	13.762	225	402	2.87	ug/l	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
Data File : VX020222.D
Acq On : 20 Dec 2020 12:31
Operator : JC/MD
Sample : L5094-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

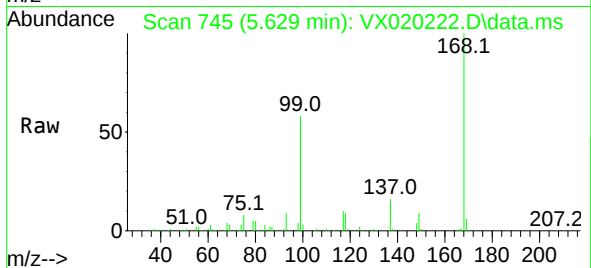
Quant Time: Dec 21 02:50:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



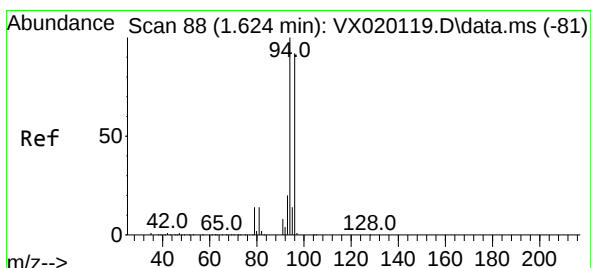
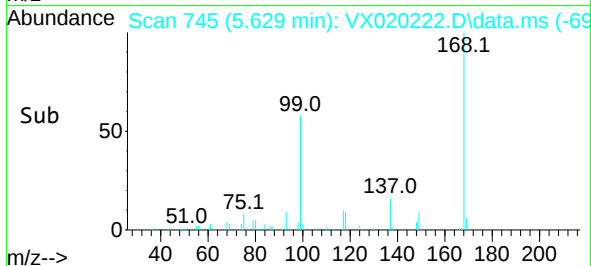
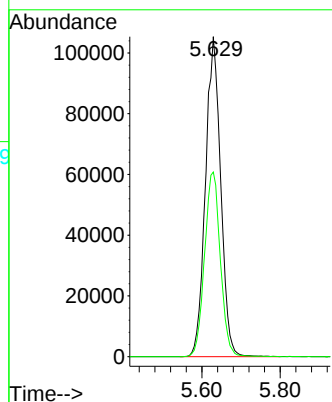


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

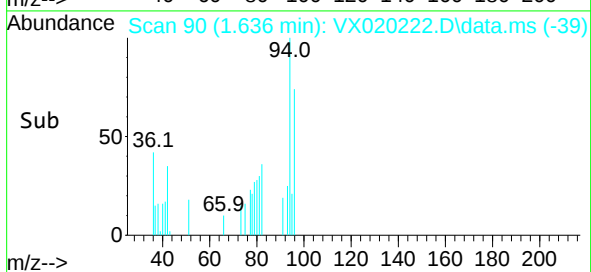
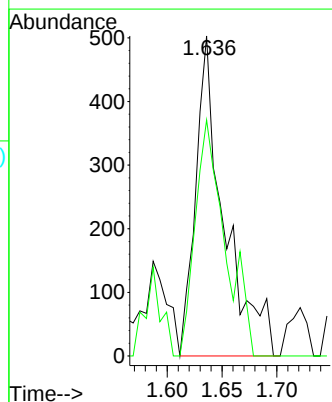
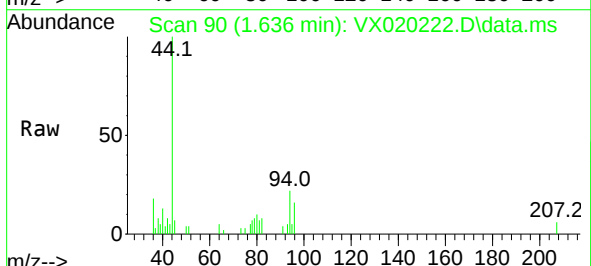


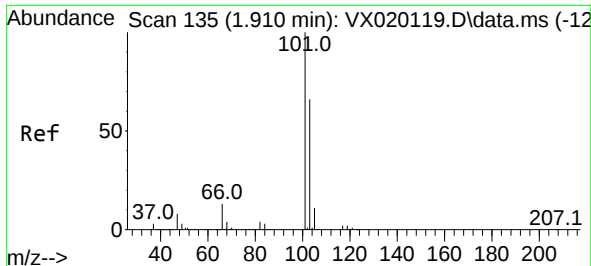
Tgt Ion:168 Resp: 283883
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#5
Bromomethane
Concen: 0.73 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Tgt Ion: 94 Resp: 906
Ion Ratio Lower Upper
94 100
96 73.8 76.4 114.6#

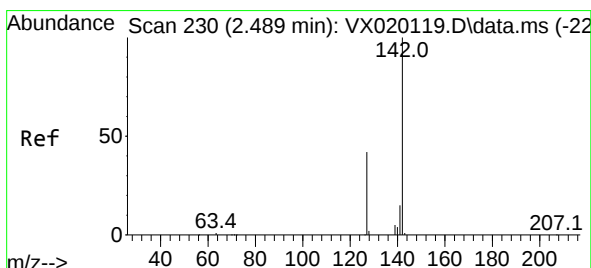
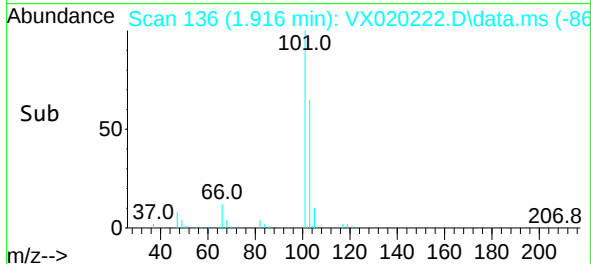
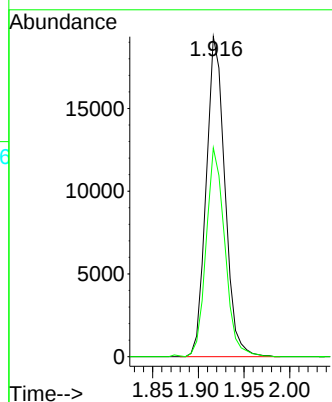
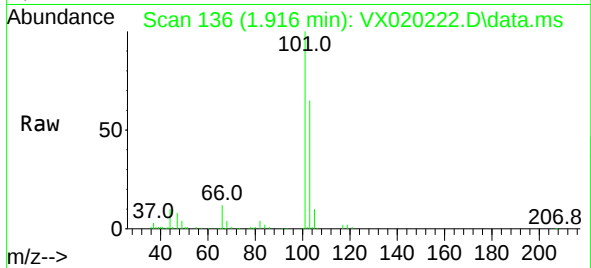




#7
Trichlorofluoromethane
Concen: 5.48 ug/l
RT: 1.916 min Scan# 136
Delta R.T. 0.006 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

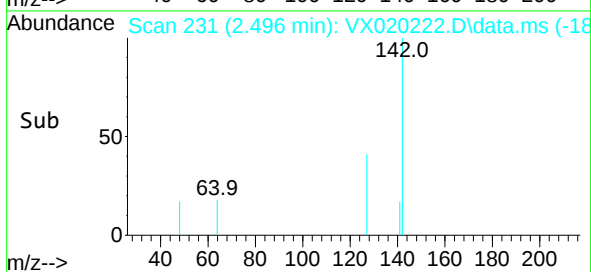
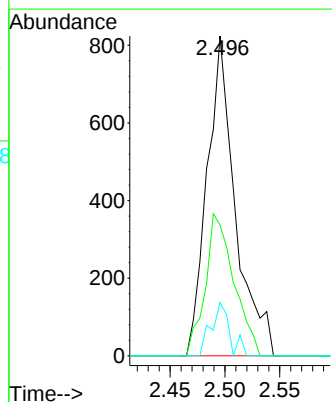
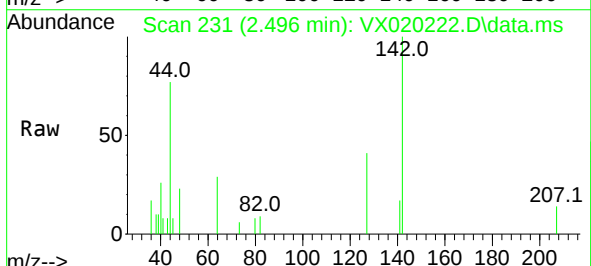
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

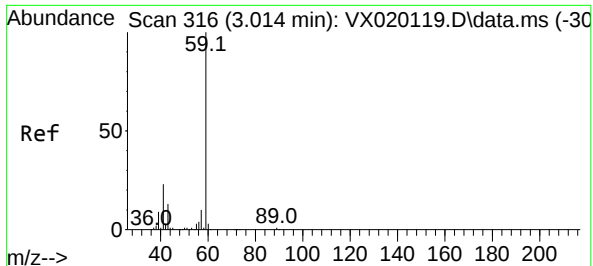
Tgt Ion:101 Resp: 27445
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8



#10
Methyl Iodide
Concen: 3.65 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

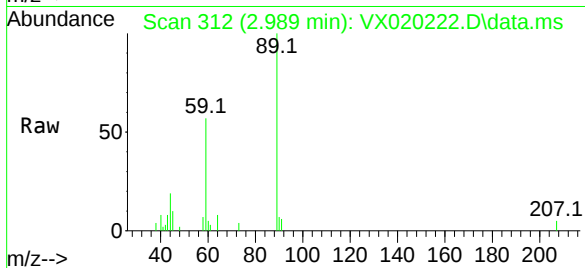
Tgt Ion:142 Resp: 1475
Ion Ratio Lower Upper
142 100
127 44.9 33.3 49.9
141 11.0 11.4 17.0#



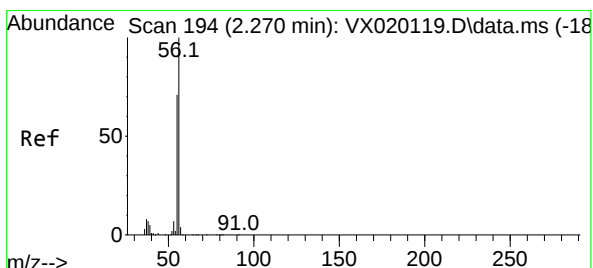
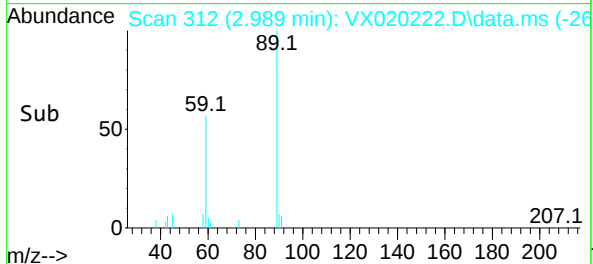
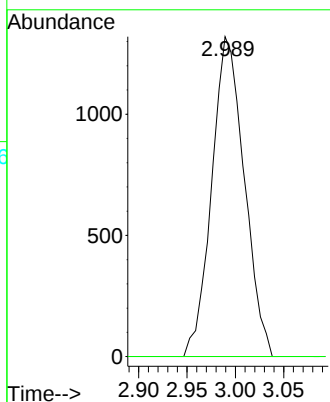


#11
Tert butyl alcohol
Concen: 3.62 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

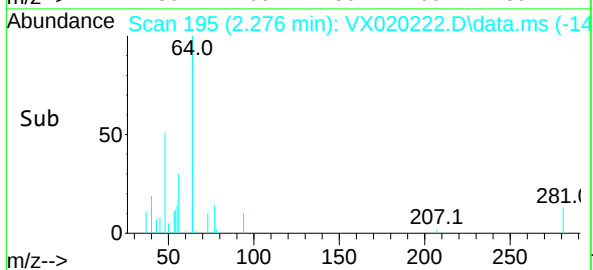
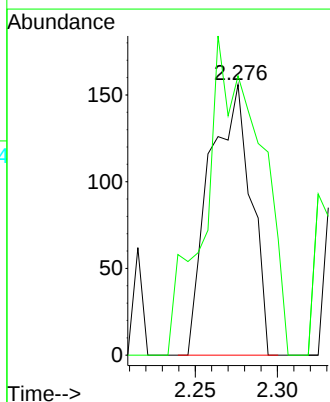
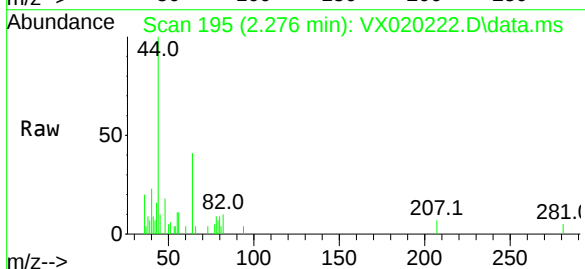


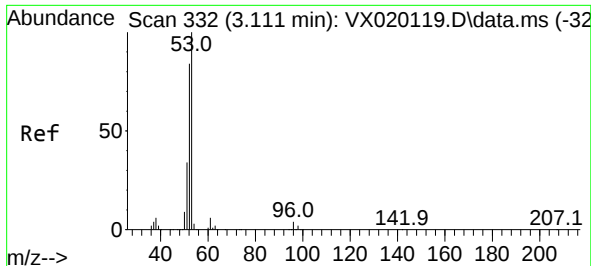
Tgt Ion: 59 Resp: 3086
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.51 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Tgt Ion: 56 Resp: 274
Ion Ratio Lower Upper
56 100
55 156.6 56.4 84.6#

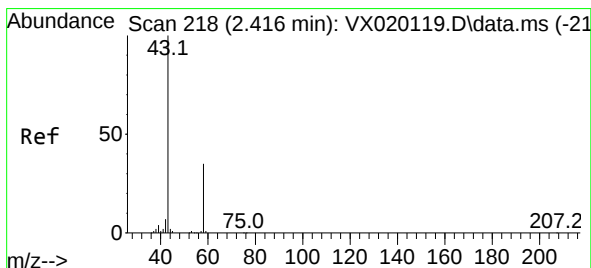
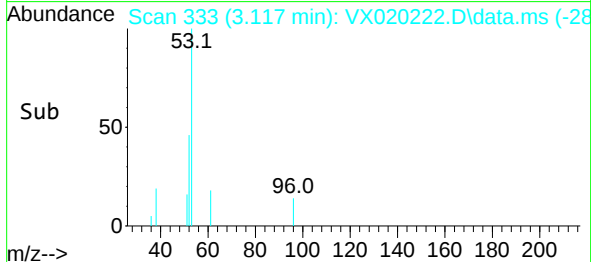
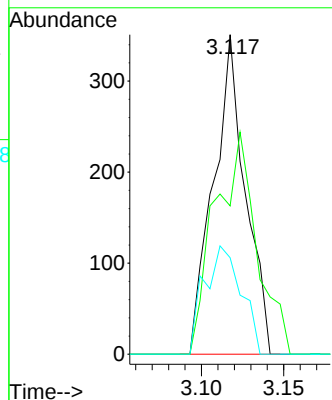
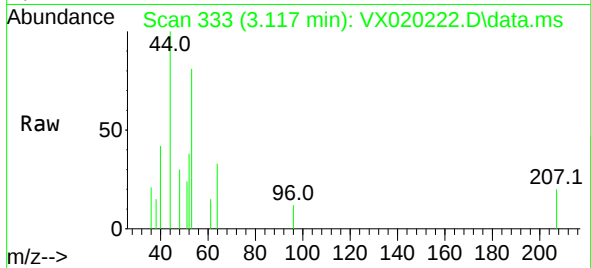




#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

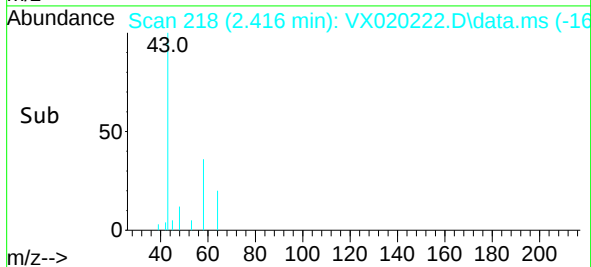
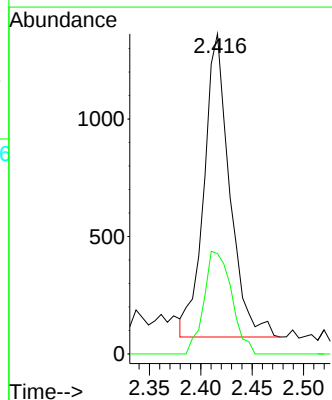
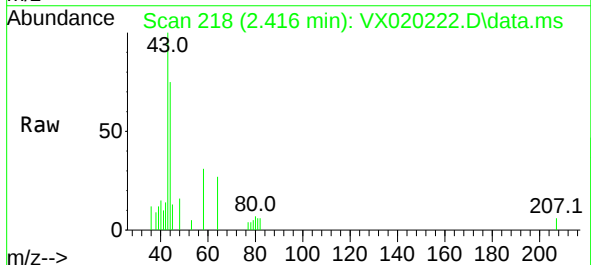
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

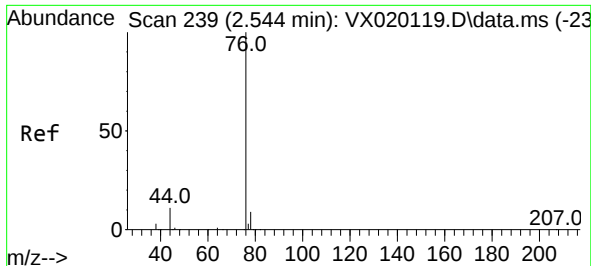
Tgt Ion: 53 Resp: 473
Ion Ratio Lower Upper
53 100
52 90.9 65.3 97.9
51 39.1 28.2 42.2



#16
Acetone
Concen: 1.29 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Tgt Ion: 43 Resp: 2243
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8

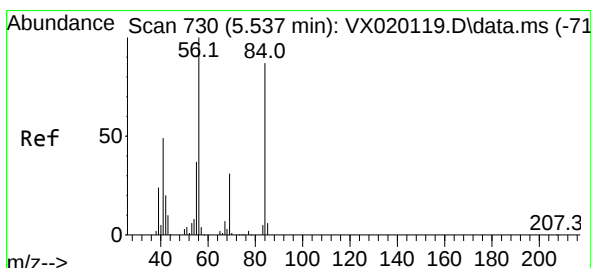
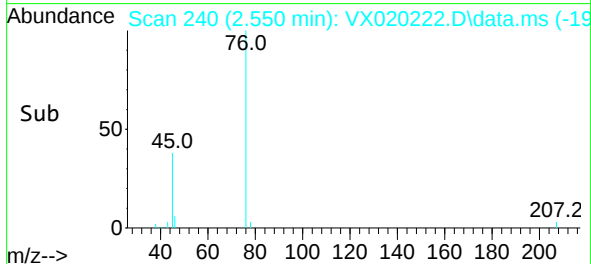
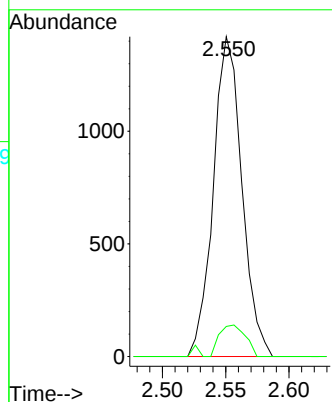
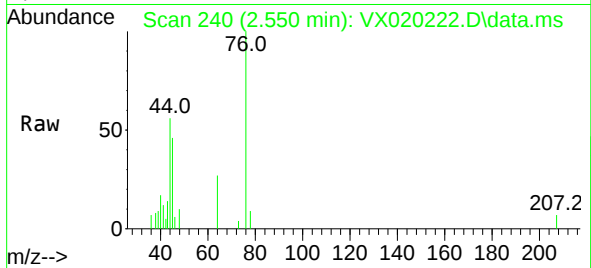




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

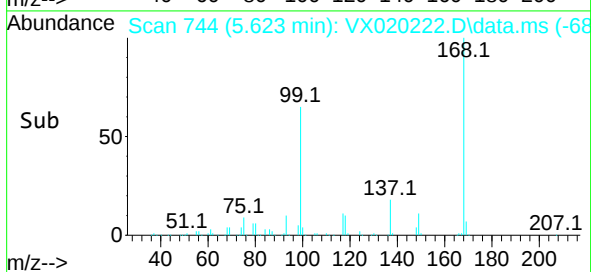
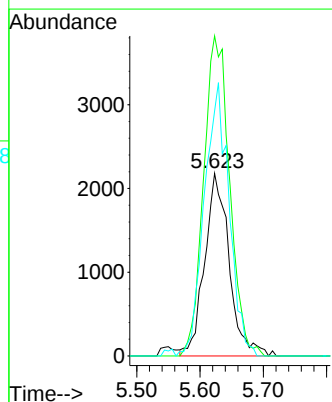
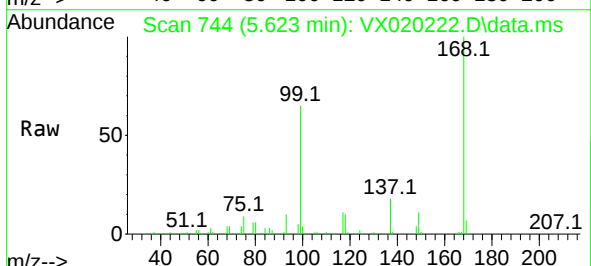
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

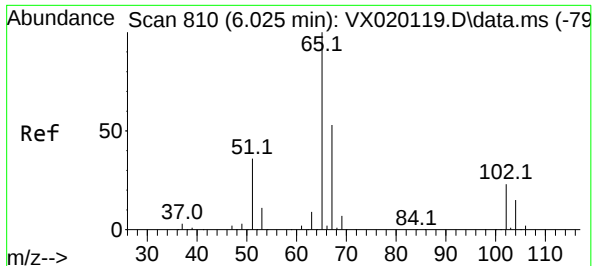
Tgt Ion: 76 Resp: 2229
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Tgt Ion: 56 Resp: 5885
Ion Ratio Lower Upper
56 100
69 175.2 25.3 37.9#
84 134.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.57 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020222.D

Acq: 20 Dec 2020 12:31

Tgt Ion: 65 Resp: 188647

Ion Ratio Lower Upper

65 100

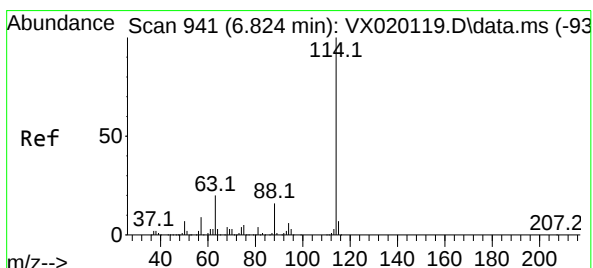
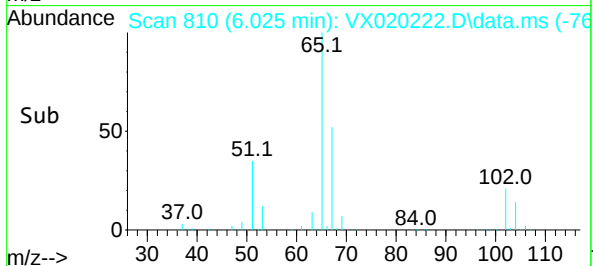
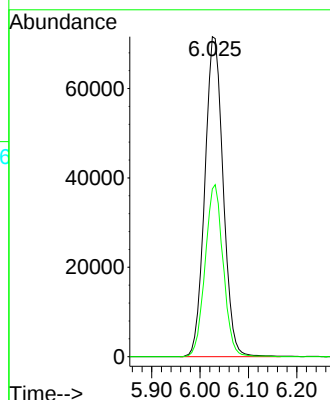
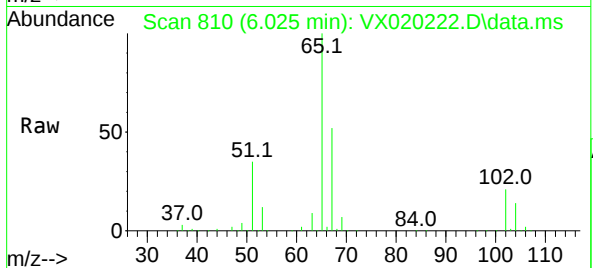
67 52.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

49-MW008(DOB)-121320



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020222.D

Acq: 20 Dec 2020 12:31

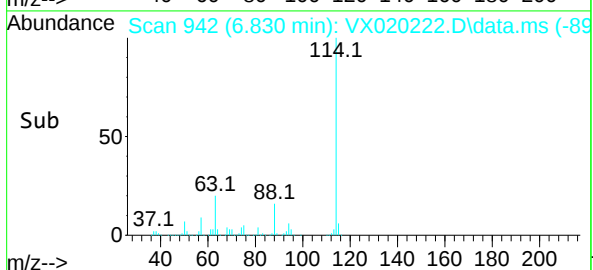
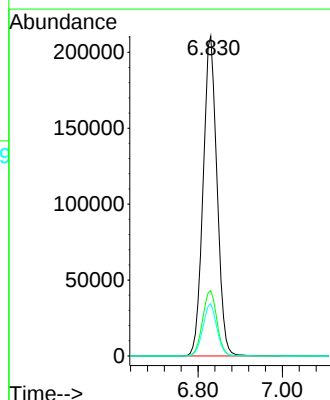
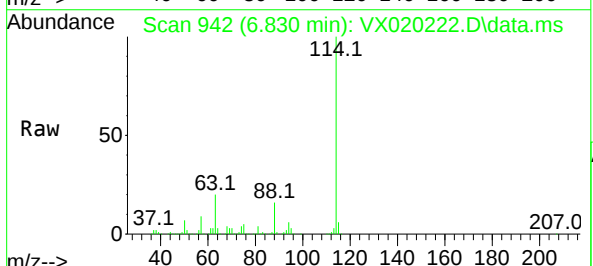
Tgt Ion: 114 Resp: 482443

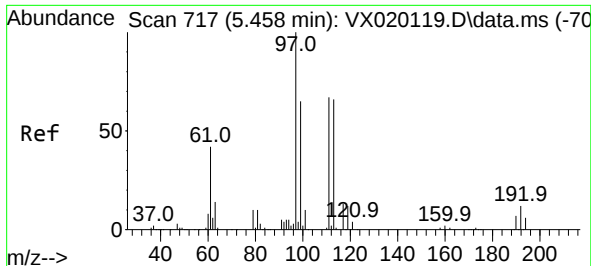
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

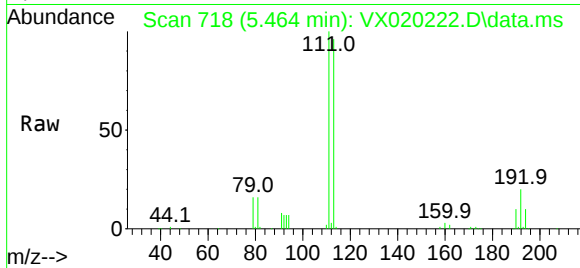
88 16.4 0.0 32.8



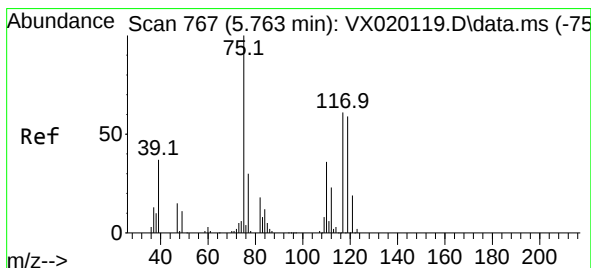
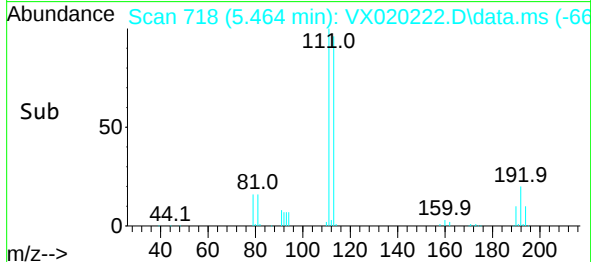
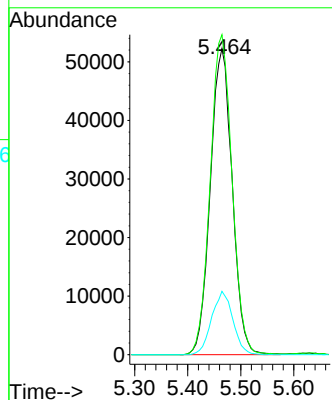


#35
Dibromofluoromethane
Concen: 48.47 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

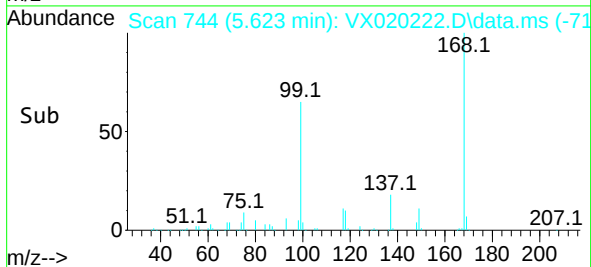
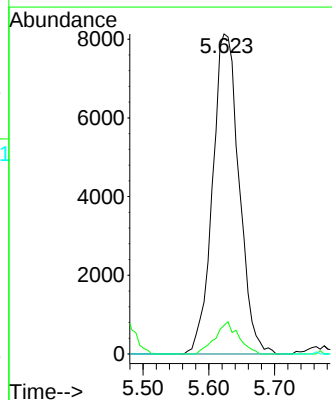
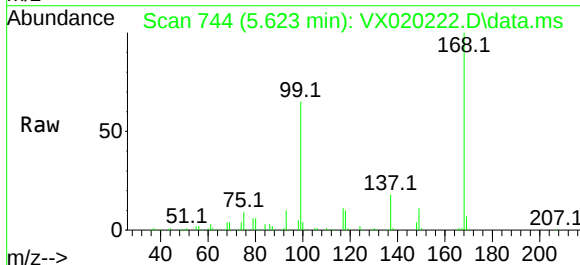


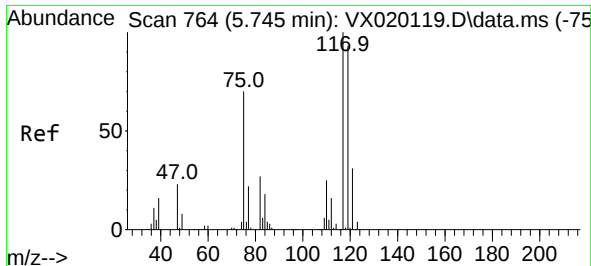
Tgt Ion:113 Resp: 149575
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Tgt Ion: 75 Resp: 22840
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#

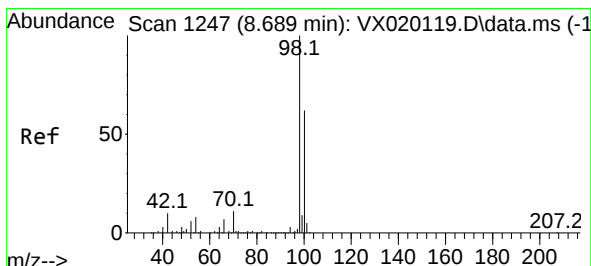
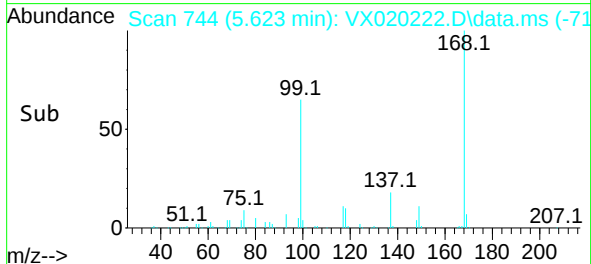
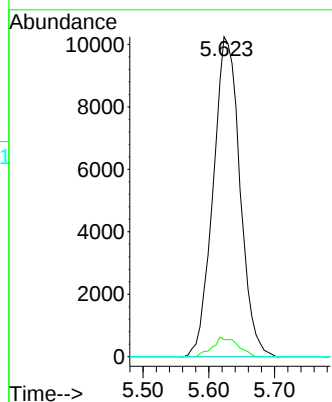
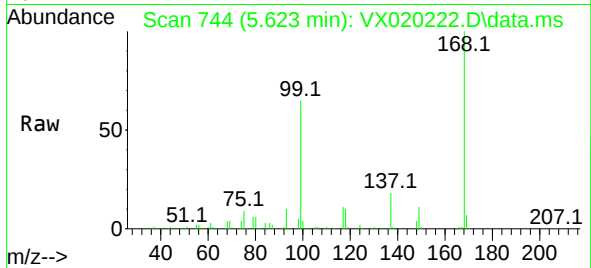




#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

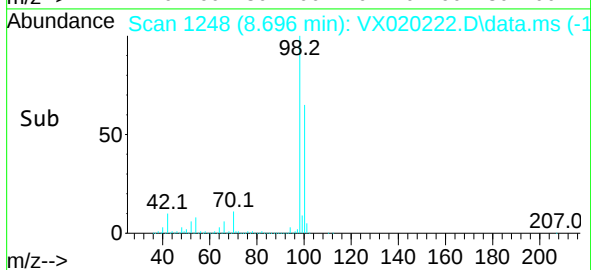
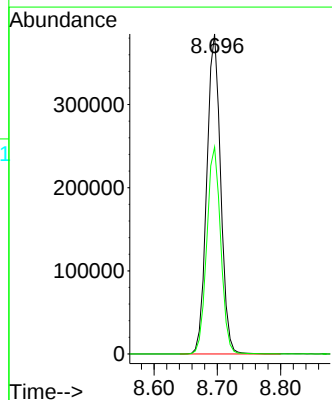
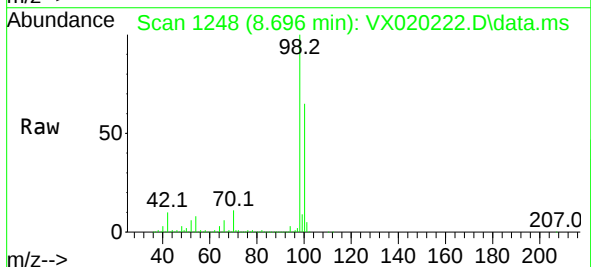
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

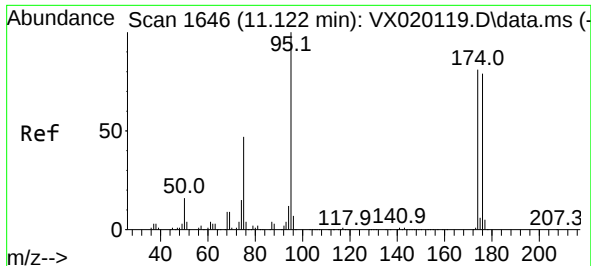
Tgt Ion:117 Resp: 29018
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Tgt Ion: 98 Resp: 587190
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

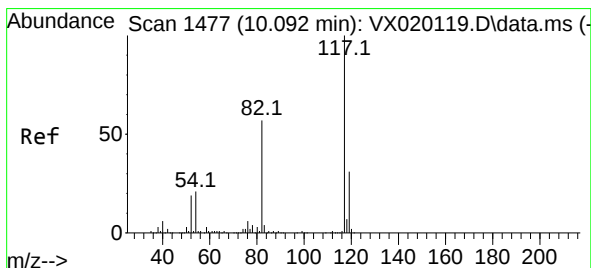
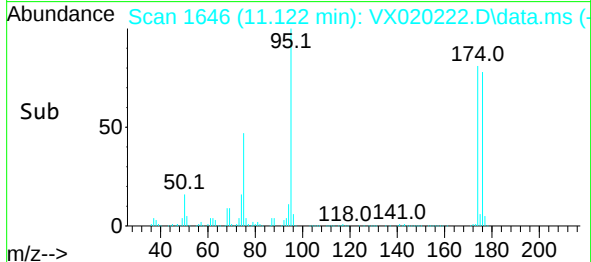
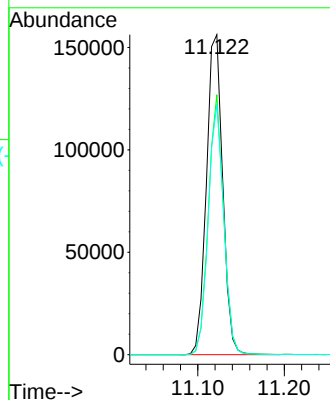
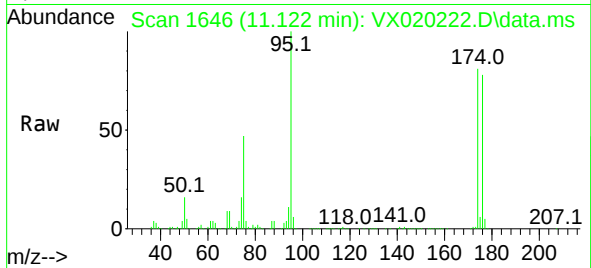




#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

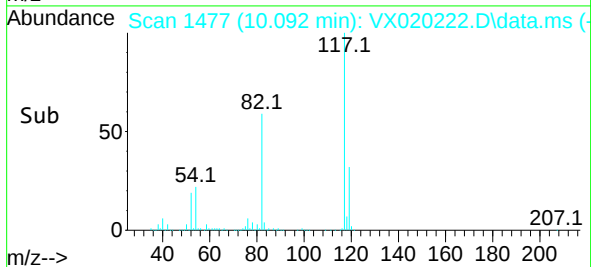
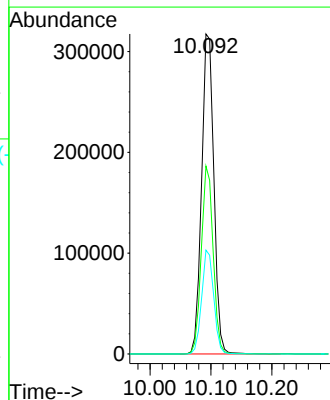
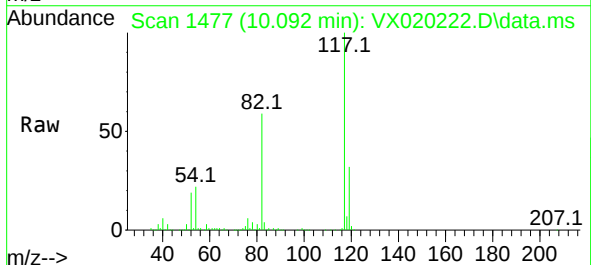
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

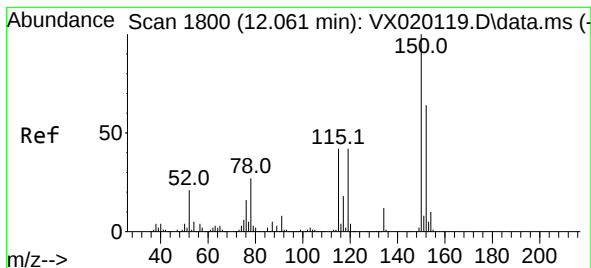
Tgt Ion: 95 Resp: 203905
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

Tgt Ion: 117 Resp: 445057
Ion Ratio Lower Upper
117 100
82 58.7 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: VX020222.D

Acq: 20 Dec 2020 12:31

Tgt Ion:152 Resp: 186678

Ion Ratio Lower Upper

152 100

115 60.9 41.1 123.3

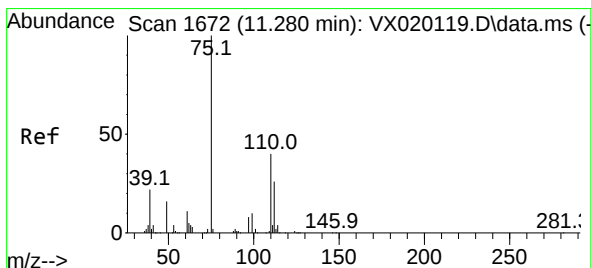
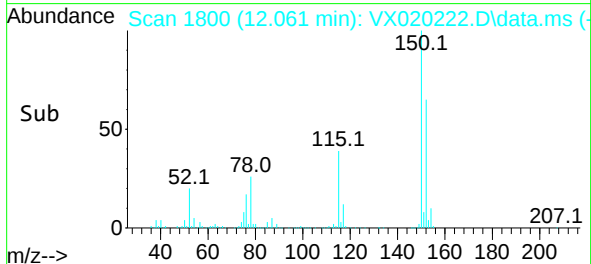
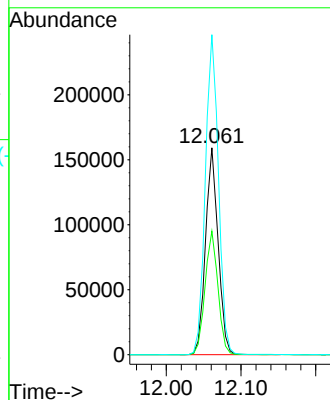
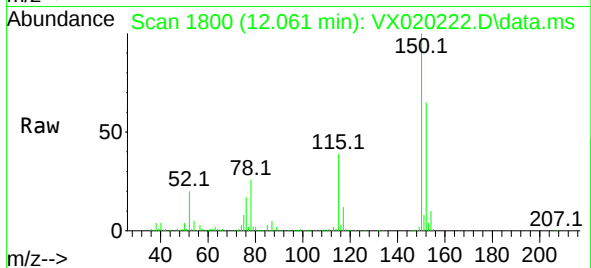
150 160.7 0.0 349.0

Instrument :

MSVOA_X

ClientSampleId :

49-MW008(DOB)-121320



#76

1,2,3-Trichloropropane

Concen: 21.74 ug/l

RT: 11.116 min Scan# 1645

Delta R.T. -0.164 min

Lab File: VX020222.D

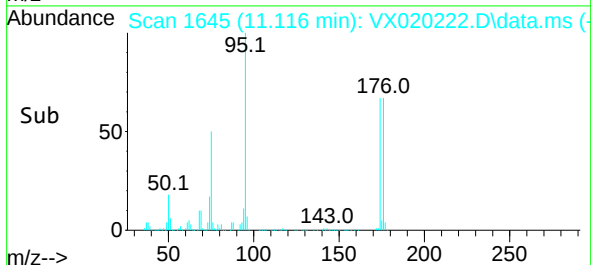
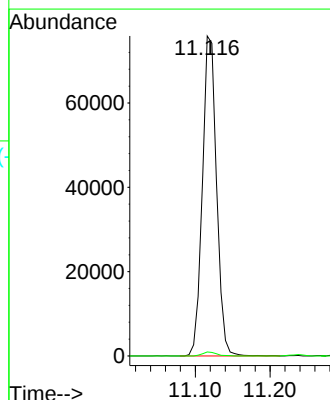
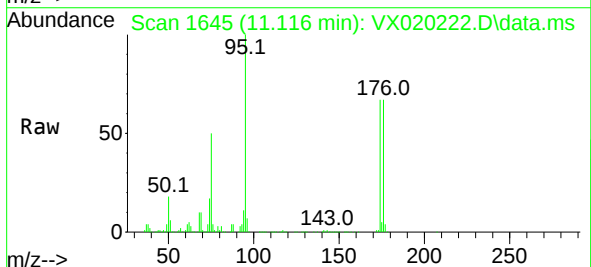
Acq: 20 Dec 2020 12:31

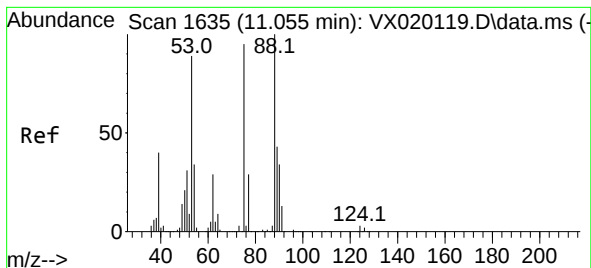
Tgt Ion: 75 Resp: 99948

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

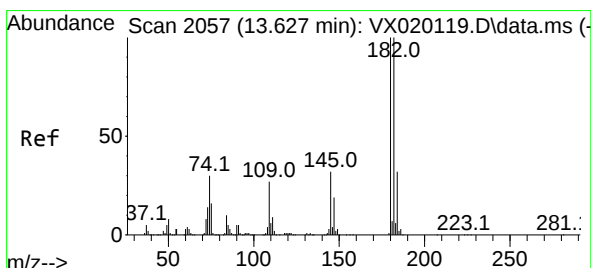
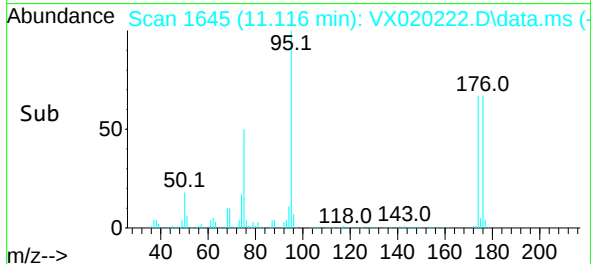
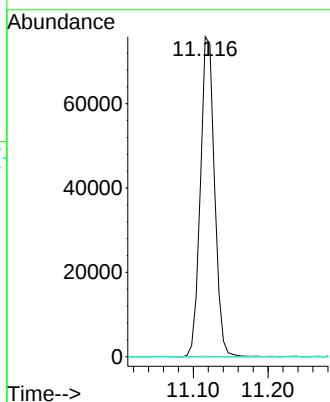
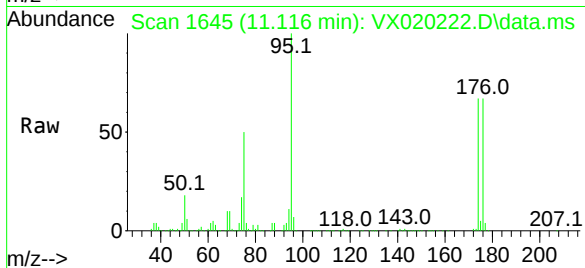




#81
trans-1,4-Dichloro-2-butene
Concen: 64.48 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

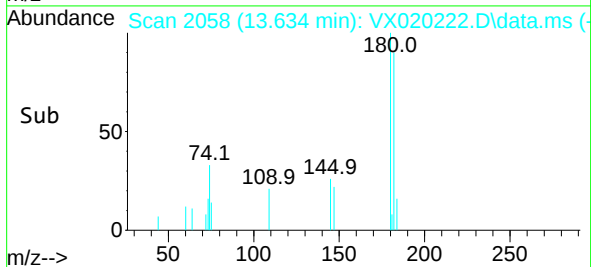
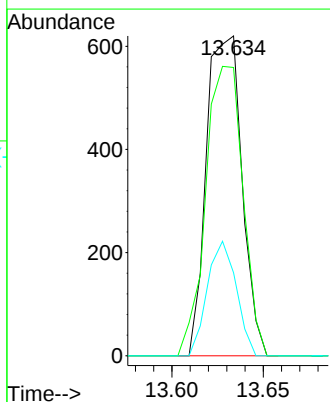
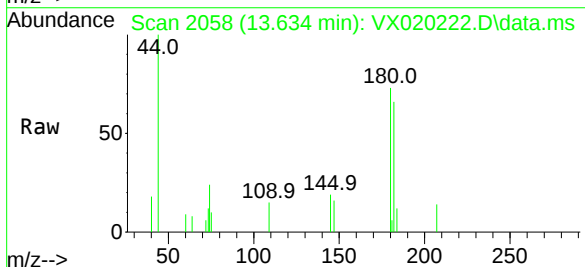
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

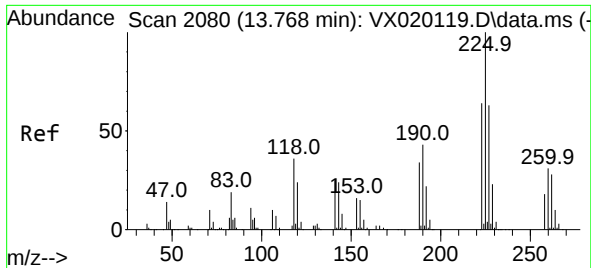
Tgt Ion: 75 Resp: 99948
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.21 ug/l
RT: 13.634 min Scan# 2058
Delta R.T. 0.007 min
Lab File: VX020222.D
Acq: 20 Dec 2020 12:31

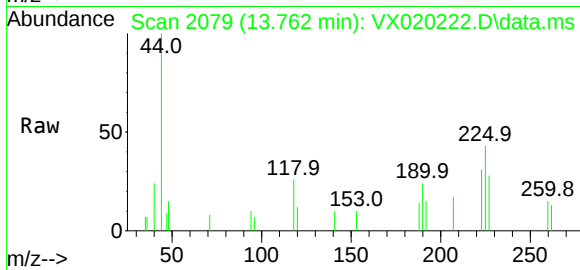
Tgt Ion: 180 Resp: 837
Ion Ratio Lower Upper
180 100
182 95.1 47.7 143.1
145 29.3 15.0 45.0





#94
 Hexachlorobutadiene
 Concen: 2.87 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020222.D
 Acq: 20 Dec 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW008(DOB)-121320



Tgt Ion:	225	Resp:	402
Ion	Ratio	Lower	Upper
225	100		
223	70.9	31.1	93.2
227	67.4	31.6	95.0

