

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020372.D
 Acq On : 24 Dec 2020 05:08
 Operator : JC/MD
 Sample : L5094-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Dec 24 05:38:17 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)

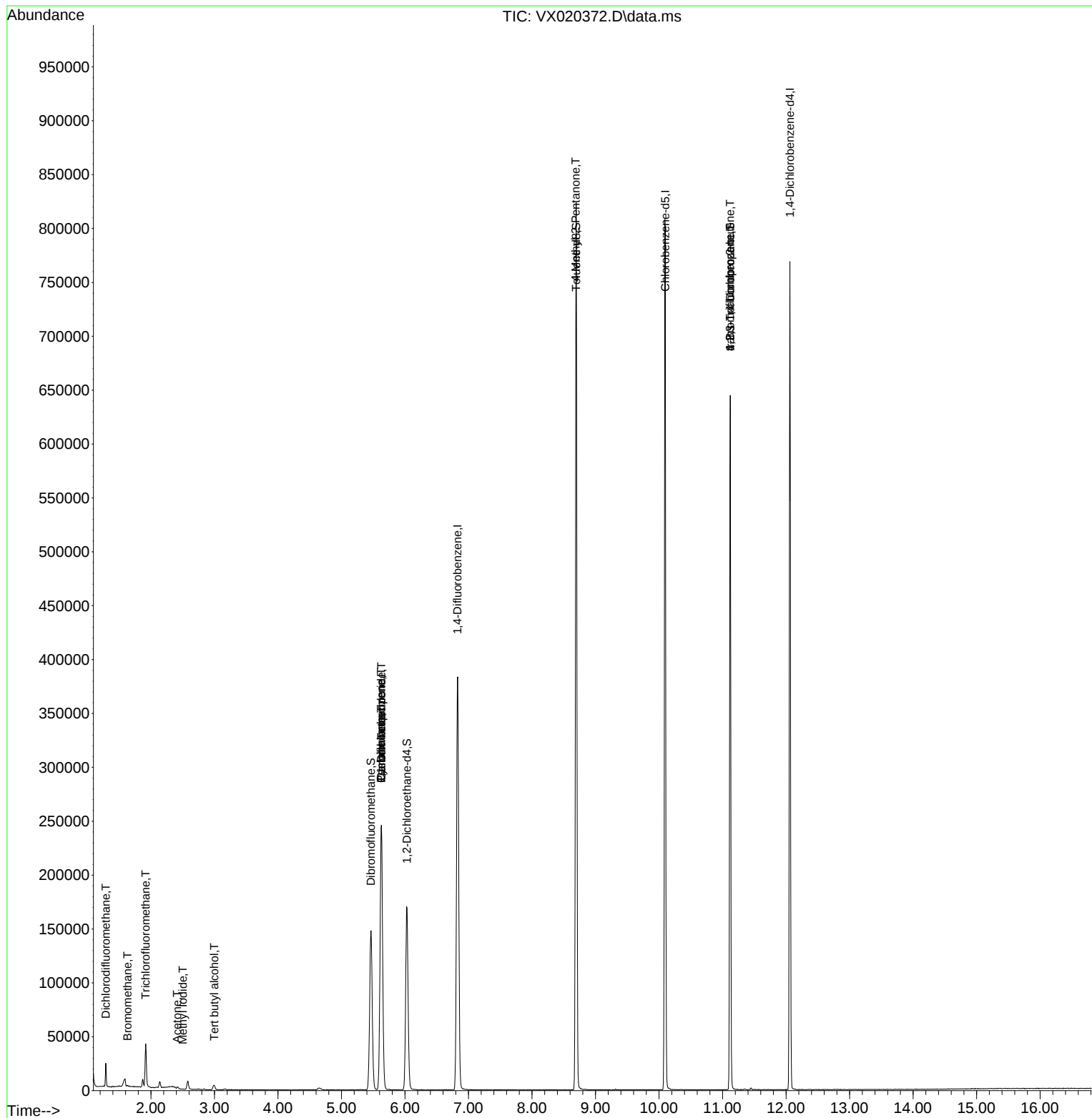
Internal Standards						
1) Pentafluorobenzene	5.623	168	231714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	397187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	383824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	153469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	161337	51.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.88%			
35) Dibromofluoromethane	5.464	113	128545	50.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.18%			
50) Toluene-d8	8.696	98	485361	49.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.26%			
62) 4-Bromofluorobenzene	11.122	95	175080	46.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.288	85	1587	0.63	ug/l	94
5) Bromomethane	1.630	94	361	0.35	ug/l #	70
7) Trichlorofluoromethane	1.916	101	24996	6.11	ug/l	95
10) Methyl Iodide	2.502	142	20	3.29	ug/l #	42
11) Tert butyl alcohol	2.995	59	2839	4.08	ug/l #	73
16) Acetone	2.410	43	1623	1.15	ug/l #	83
31) Cyclohexane	5.623	56	4727	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18805	4.79	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23295	6.24	ug/l #	17
51) 4-Methyl-2-Pentanone	8.690	43	1927	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	82436	21.81	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	82436	64.70	ug/l #	12

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

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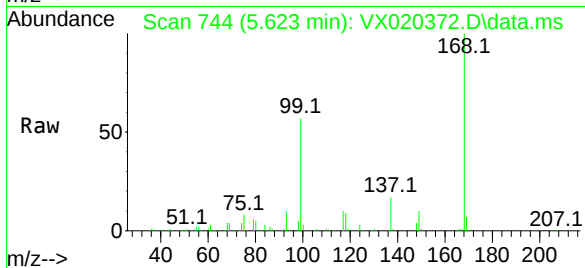
Quant Time: Dec 24 05:38:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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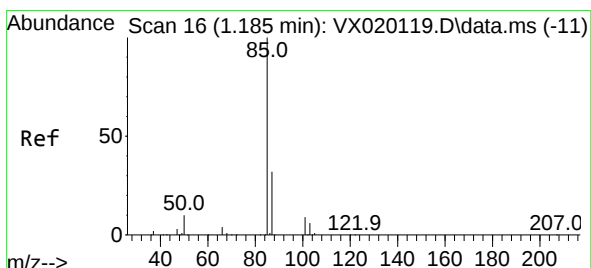
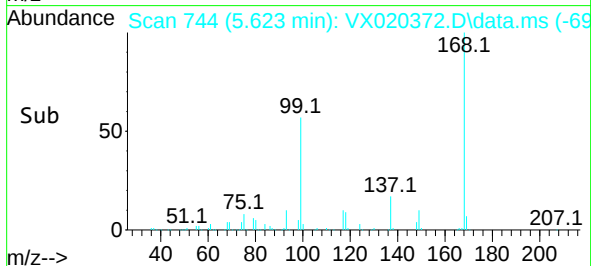
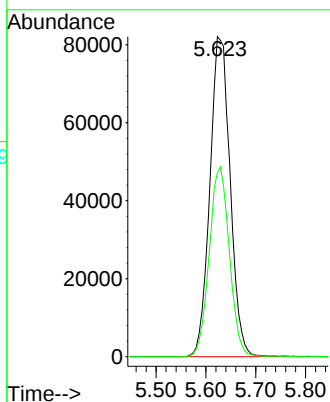


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

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

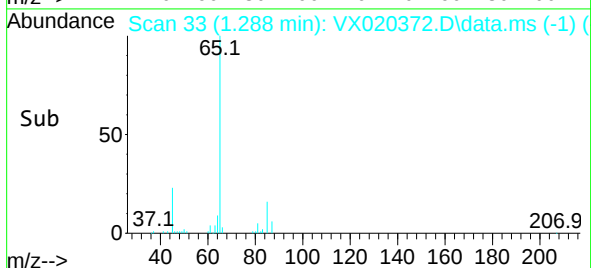
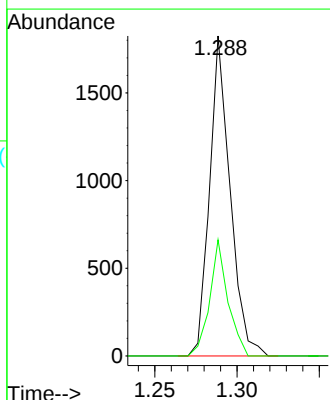
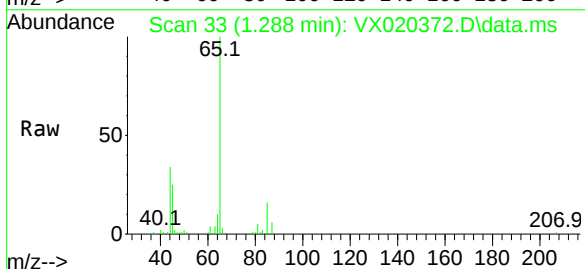


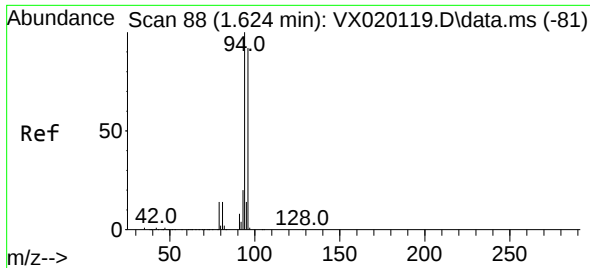
Tgt Ion:168 Resp: 231714
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.63 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.103 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

Tgt Ion: 85 Resp: 1587
Ion Ratio Lower Upper
85 100
87 36.3 16.4 49.2

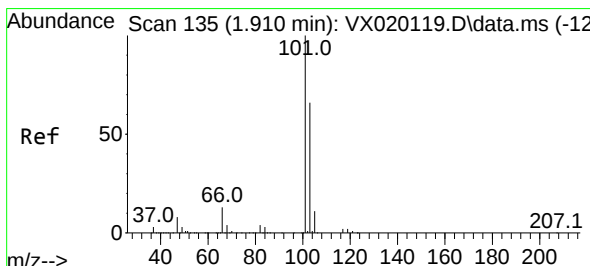
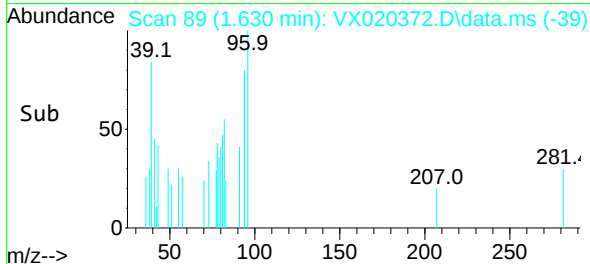
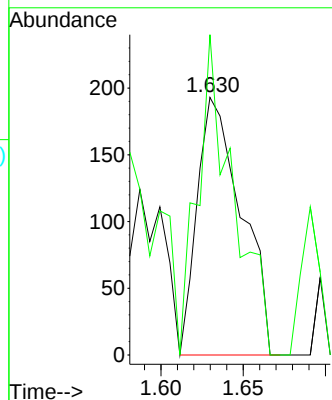
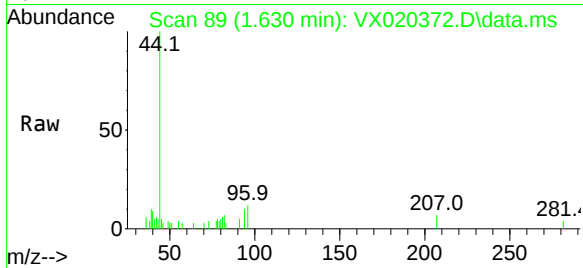




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

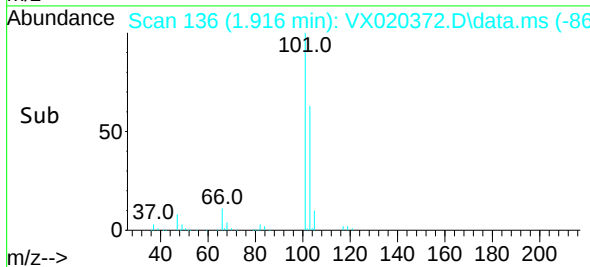
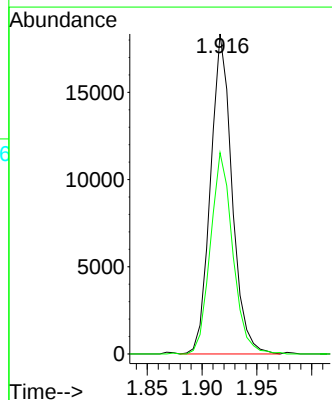
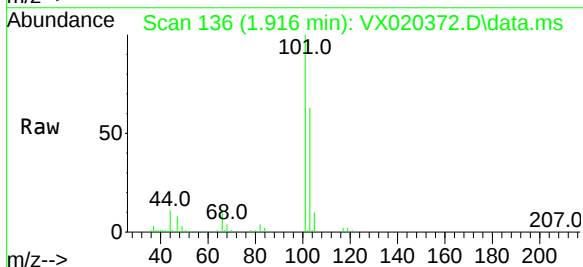
Instrument :
MSVOA_X
ClientSampleId :
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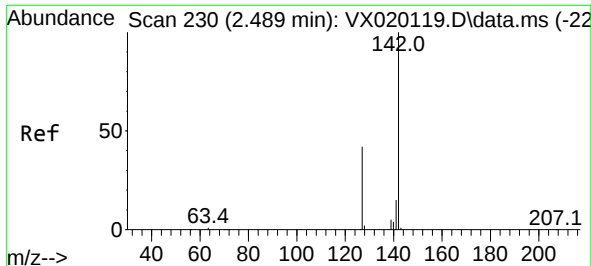
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 124.4 76.4 114.6#



#7
Trichlorofluoromethane
Concen: 6.11 ug/l
RT: 1.916 min Scan# 136
Delta R.T. 0.006 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

Tgt Ion: 101 Resp: 24996
Ion Ratio Lower Upper
101 100
103 62.9 53.2 79.8

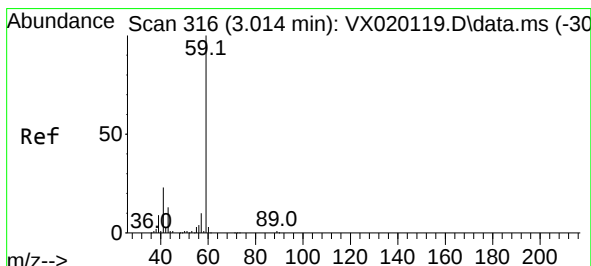
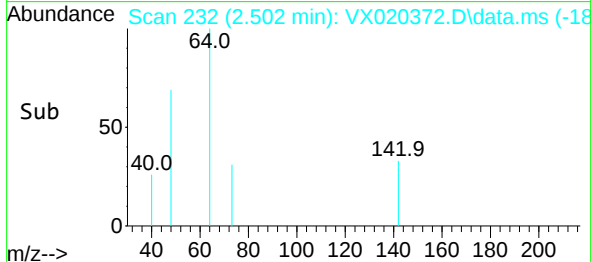
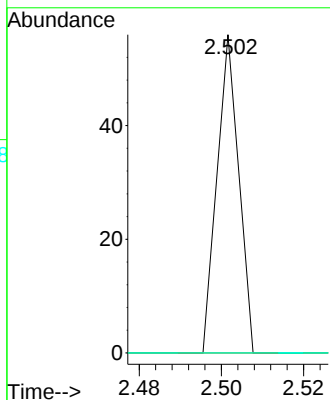
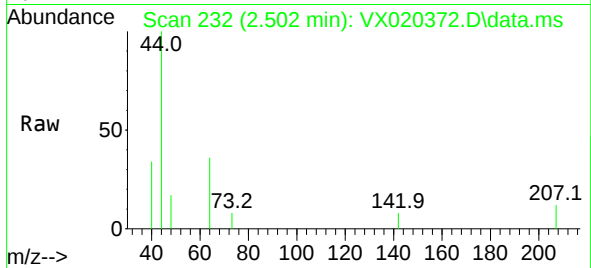




#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

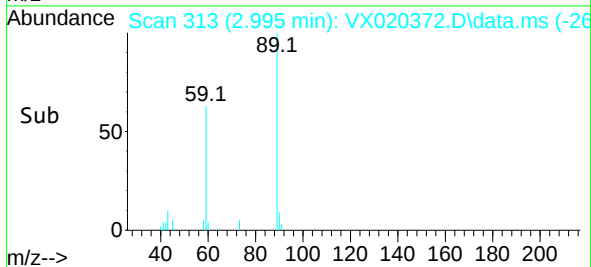
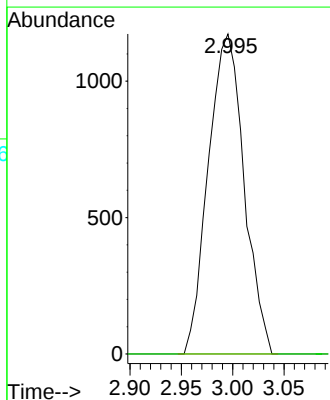
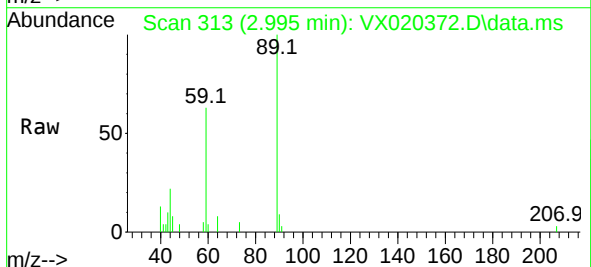
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

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: 4.08 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

Tgt Ion: 59 Resp: 2839
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

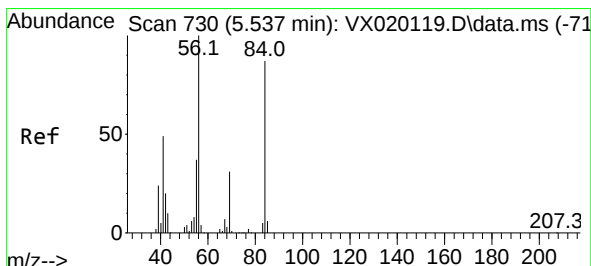
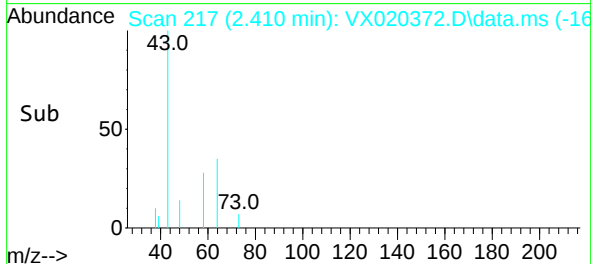
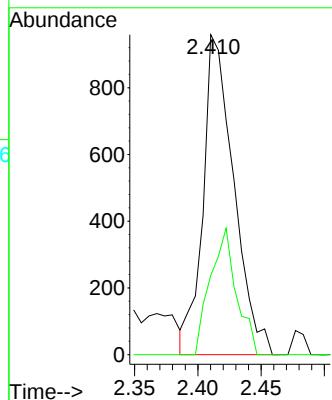
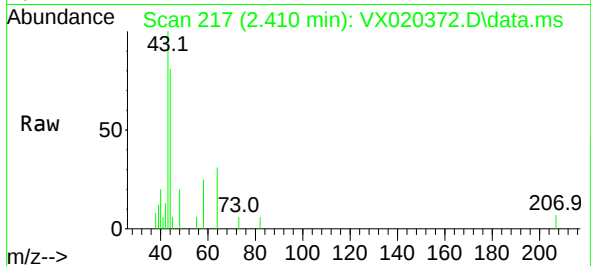




#16
Acetone
Concen: 1.15 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

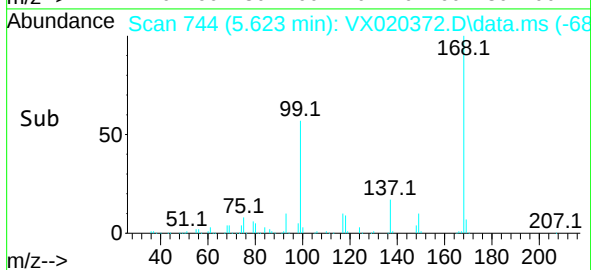
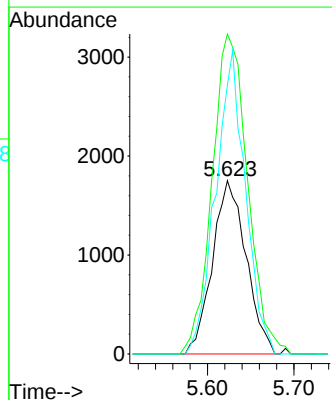
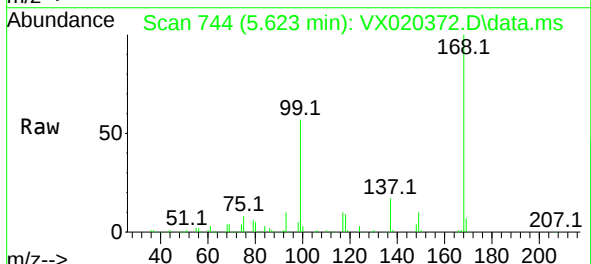
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MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

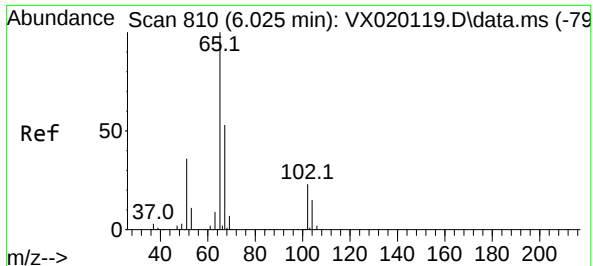
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

Tgt Ion: 56 Resp: 4727
Ion Ratio Lower Upper
56 100
69 184.7 25.3 37.9#
84 155.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.94 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020372.D

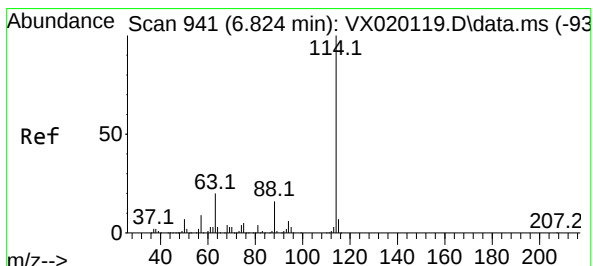
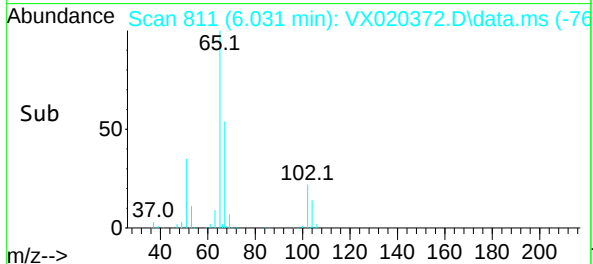
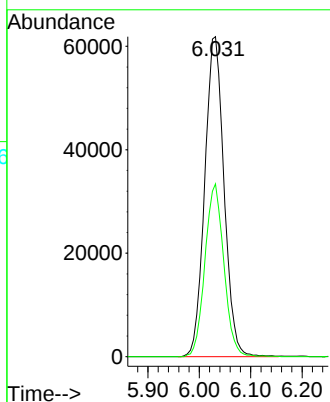
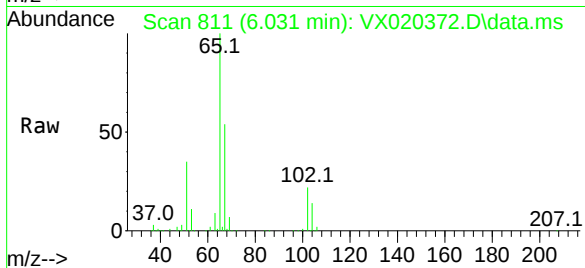
Acq: 24 Dec 2020 05:08

Tgt Ion: 65 Resp: 161337

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. 0.000 min

Lab File: VX020372.D

Acq: 24 Dec 2020 05:08

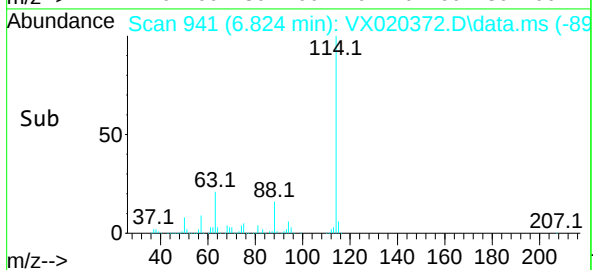
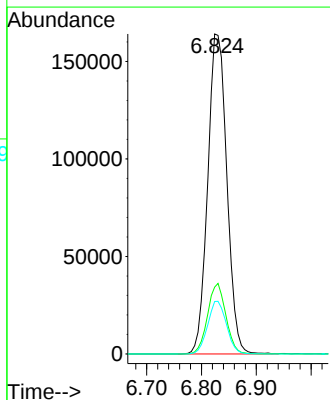
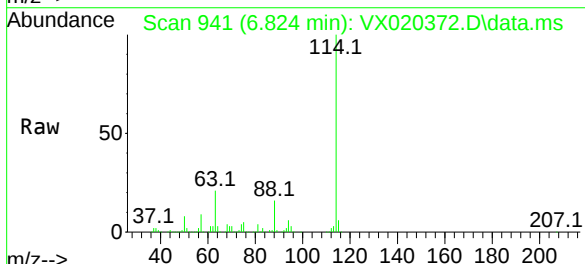
Tgt Ion: 114 Resp: 397187

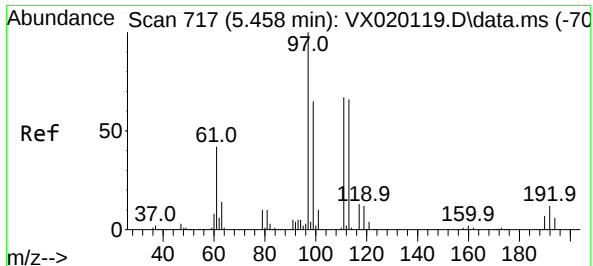
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.59 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020372.D

Acq: 24 Dec 2020 05:08

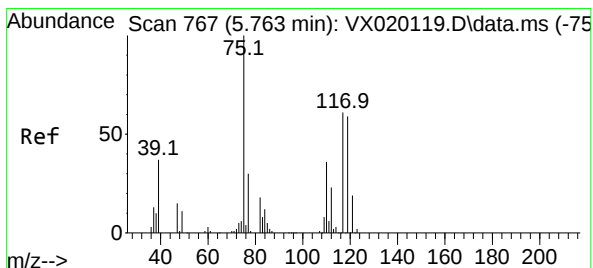
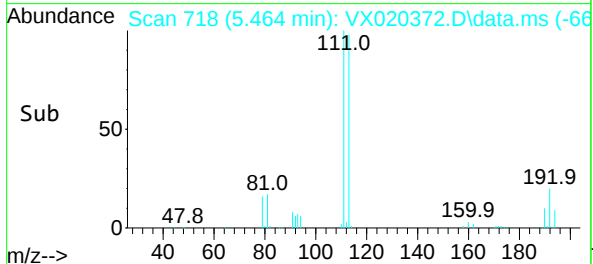
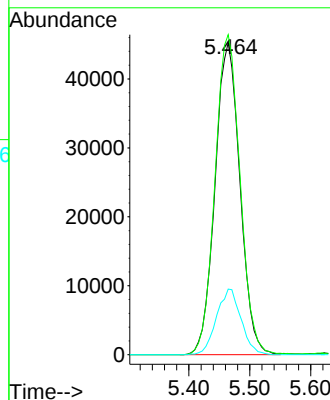
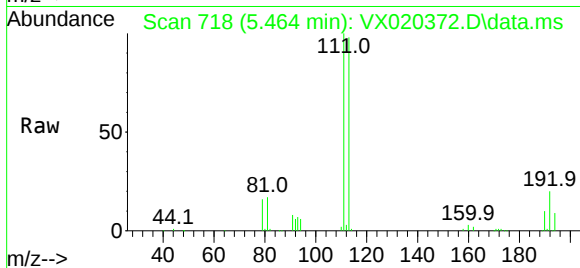
Tgt Ion:113 Resp: 128545

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 20.7 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: VX020372.D

Acq: 24 Dec 2020 05:08

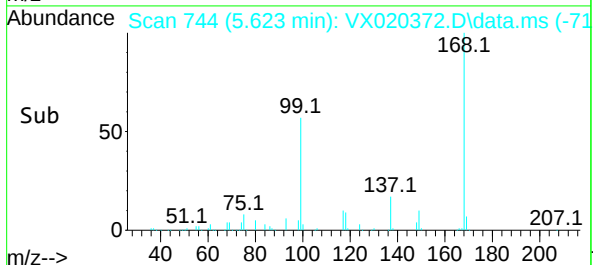
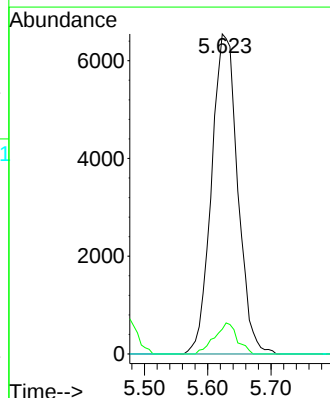
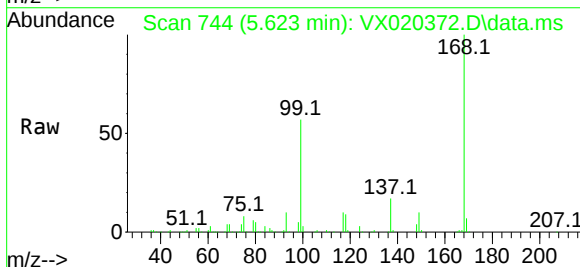
Tgt Ion: 75 Resp: 18805

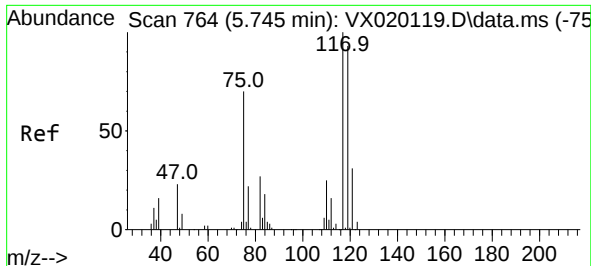
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

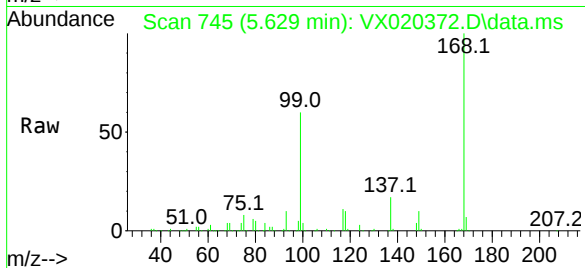
77 0.0 25.3 37.9#



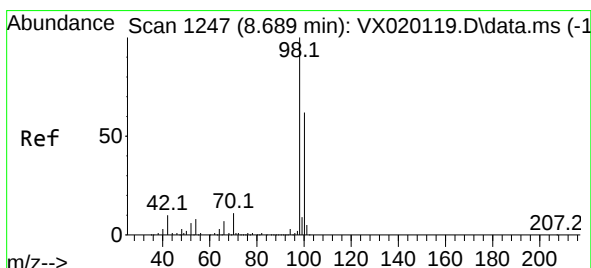
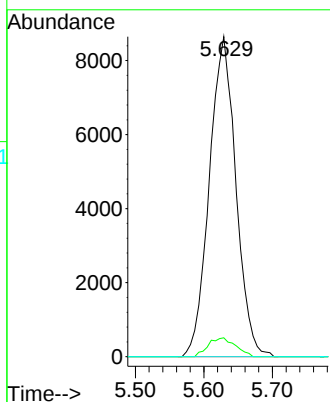
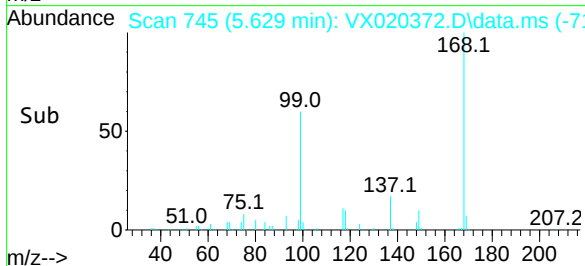


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

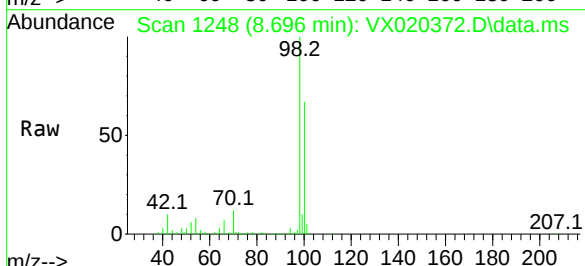
Instrument :
MSVOA_X
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49-MW008(DOB)-121320



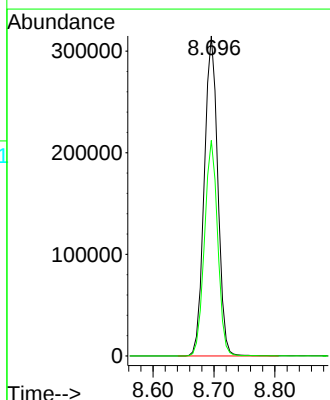
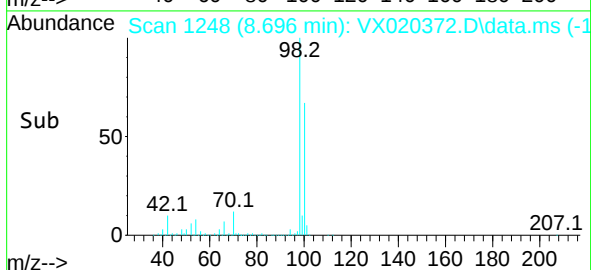
Tgt Ion:117 Resp: 23295
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

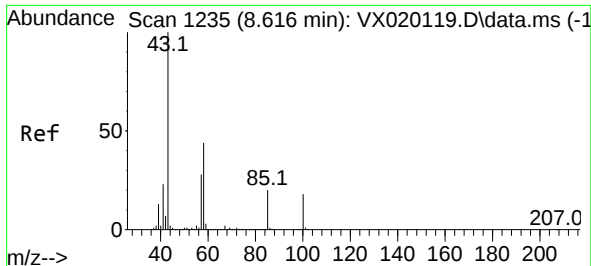


#50
Toluene-d8
Concen: 49.63 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08



Tgt Ion: 98 Resp: 485361
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

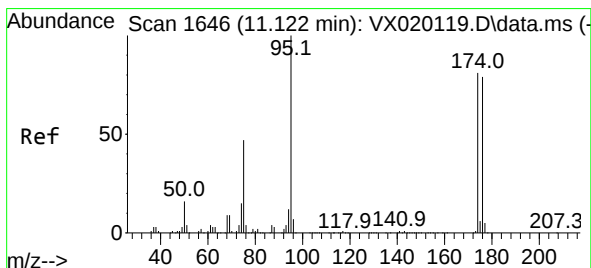
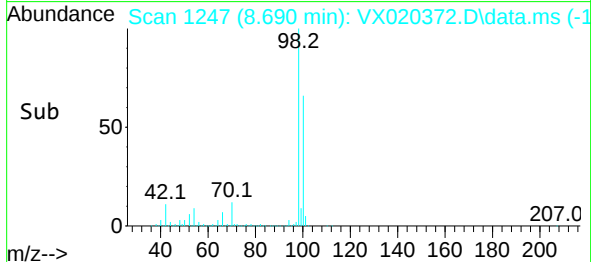
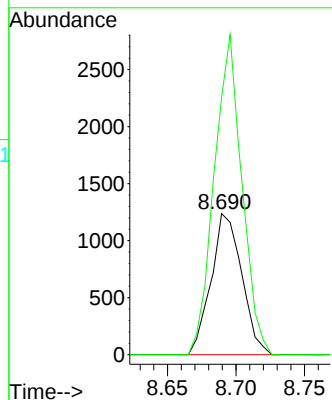
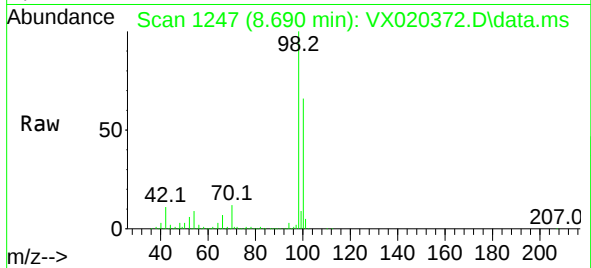




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.074 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

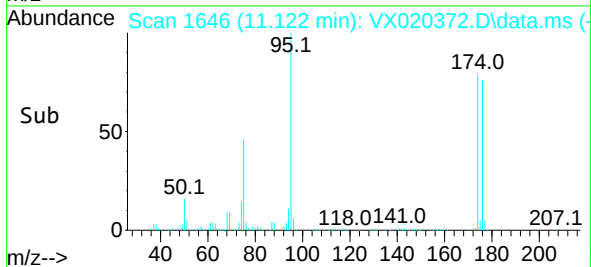
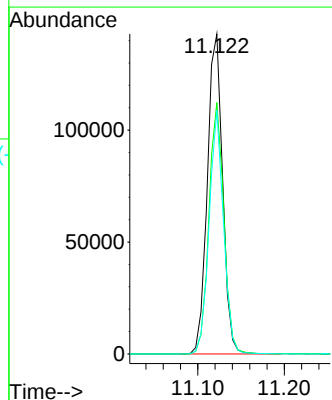
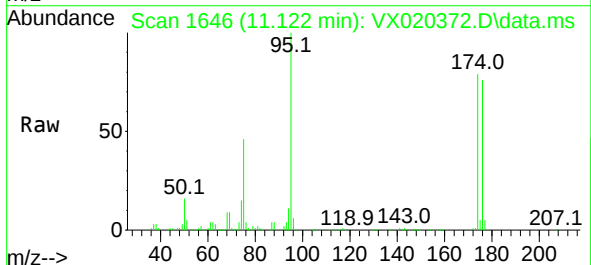
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

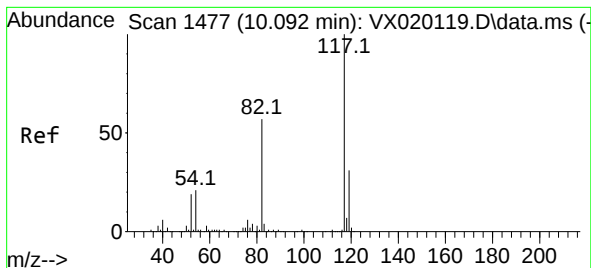
Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
58 204.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

Tgt Ion: 95 Resp: 175080
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 71.7 0.0 155.8

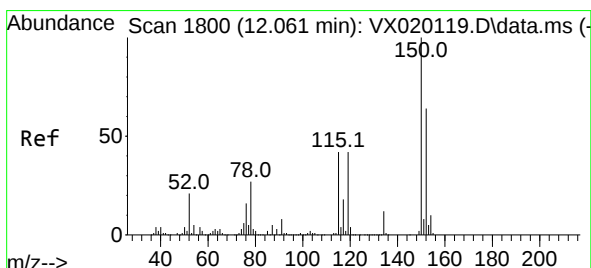
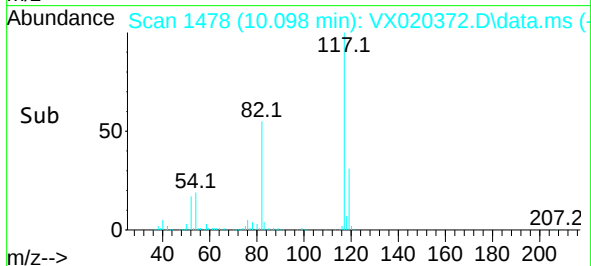
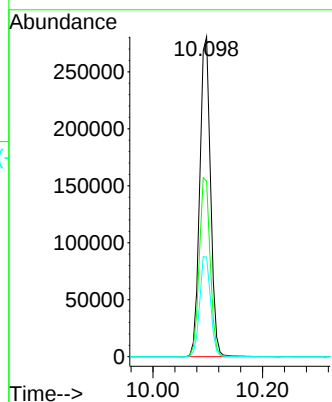
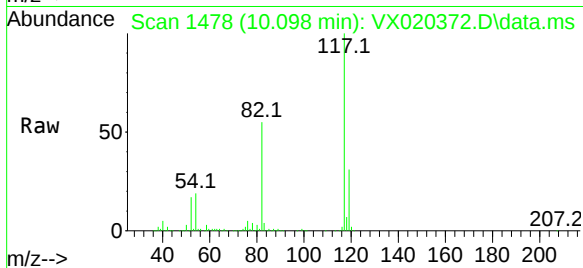




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

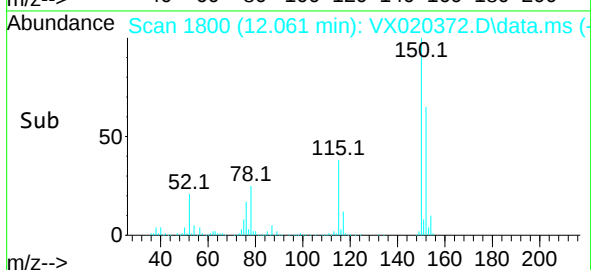
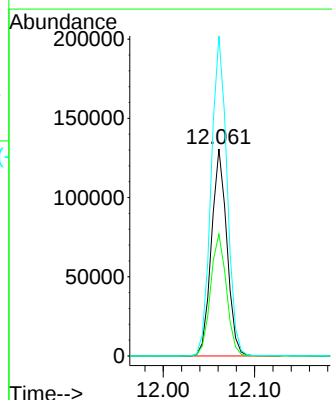
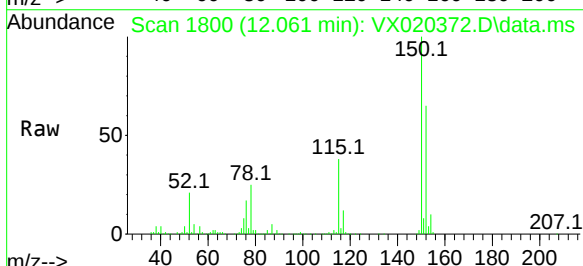
Instrument :
MSVOA_X
ClientSampleId :
49-MW008(DOB)-121320

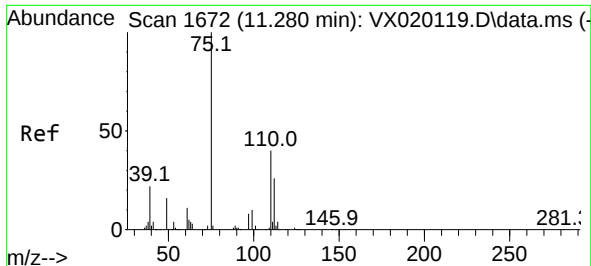
Tgt Ion:117 Resp: 383824
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

Tgt Ion:152 Resp: 153469
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 158.4 0.0 349.0

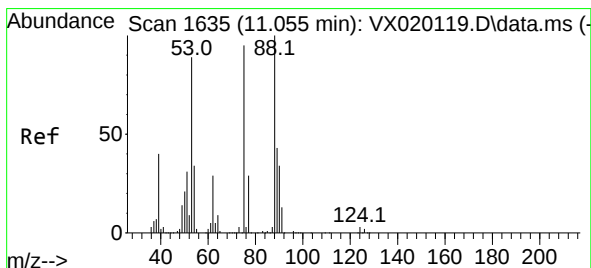
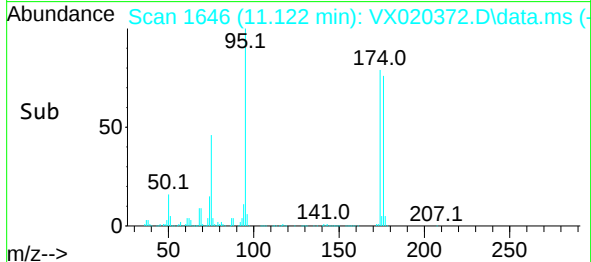
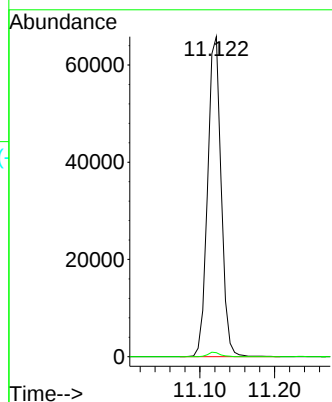
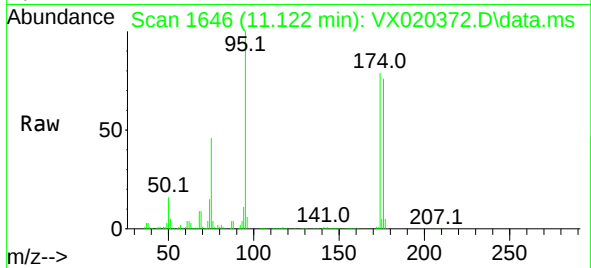




#76
1,2,3-Trichloropropane
Concen: 21.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

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

Tgt Ion: 75 Resp: 82436
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.70 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020372.D
Acq: 24 Dec 2020 05:08

Tgt Ion: 75 Resp: 82436
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

