

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020392.D
 Acq On : 24 Dec 2020 16:56
 Operator : JC/MD
 Sample : L5123-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20201214

Quant Time: Dec 25 01:15:07 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)

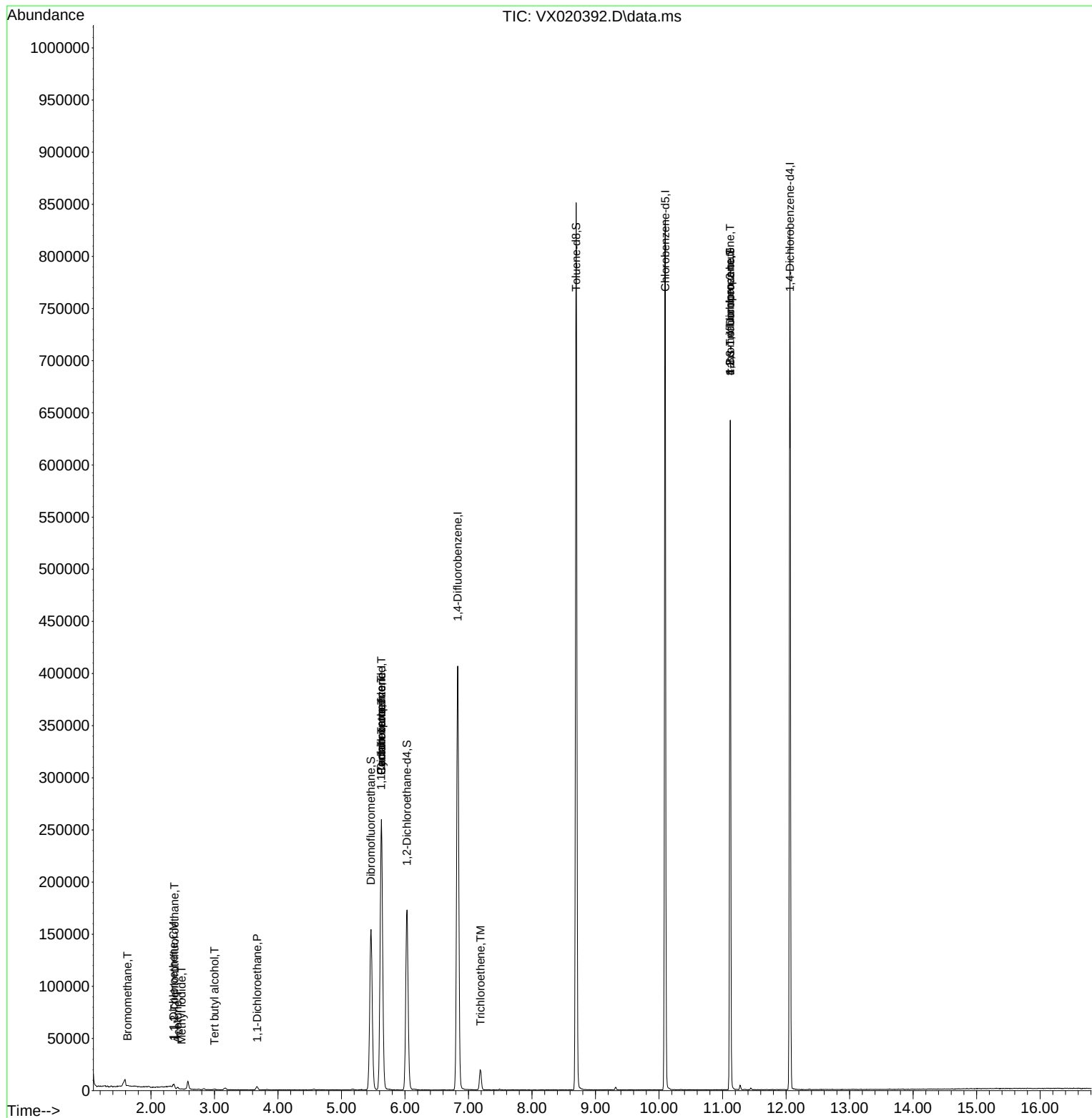
Internal Standards						
1) Pentafluorobenzene	5.629	168	240537	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	409175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	377587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	167058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	165789	51.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.84%			
35) Dibromofluoromethane	5.464	113	134315	51.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.62%			
50) Toluene-d8	8.696	98	502277	49.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.70%			
62) 4-Bromofluorobenzene	11.122	95	172493	44.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.46%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	413	0.39	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.367	101	1072	0.45	ug/l	94
10) Methyl Iodide	2.483	142	139	3.33	ug/l #	42
11) Tert butyl alcohol	3.001	59	408	0.57	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	690	0.28	ug/l	93
16) Acetone	2.416	43	1696	1.15	ug/l #	88
24) 1,1-Dichloroethane	3.672	63	3449	0.66	ug/l	100
31) Cyclohexane	5.629	56	4899	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19025	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24286	6.31	ug/l #	17
44) Trichloroethene	7.190	130	7827	2.41	ug/l	94
76) 1,2,3-Trichloropropane	11.122	75	85146	20.69	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	85146	61.39	ug/l #	12

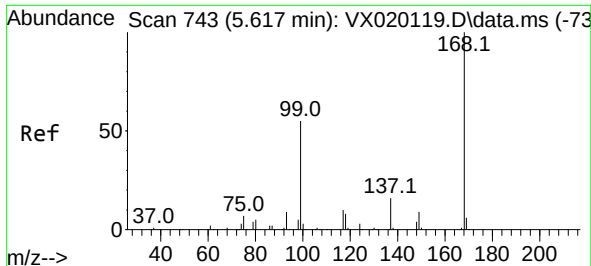
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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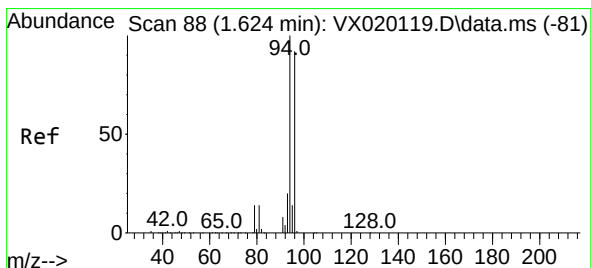
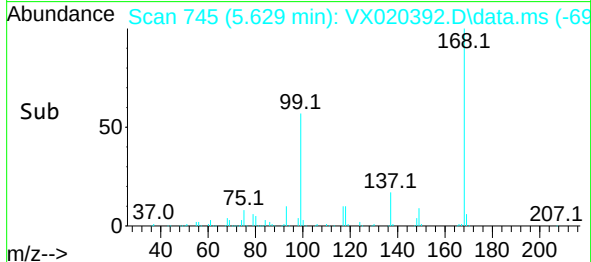
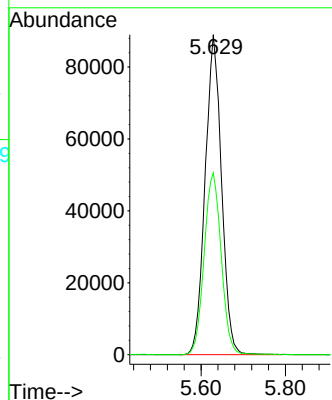
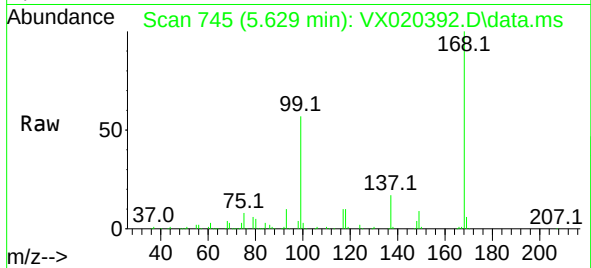




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

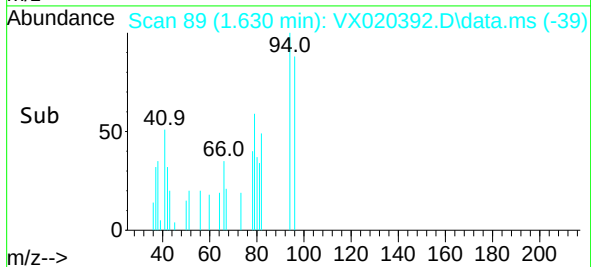
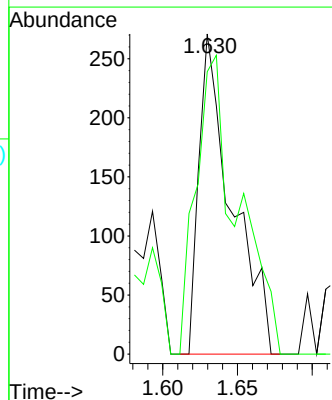
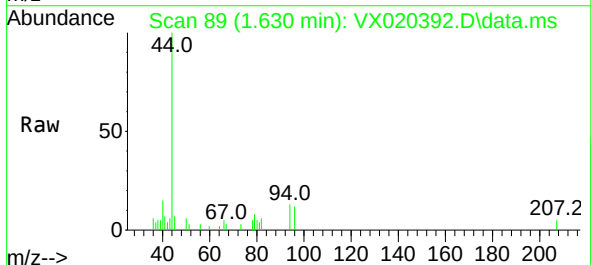
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

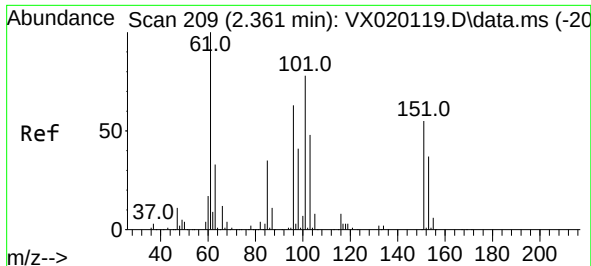
Tgt Ion:168 Resp: 240537
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 88.2 76.4 114.6

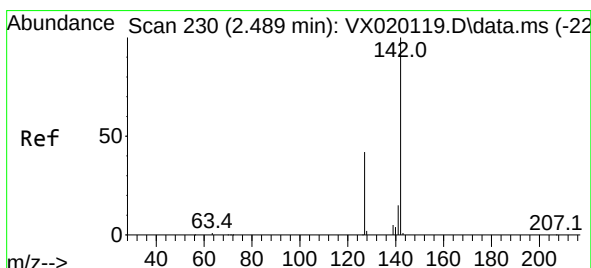
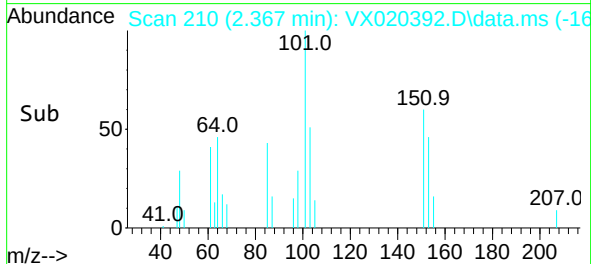
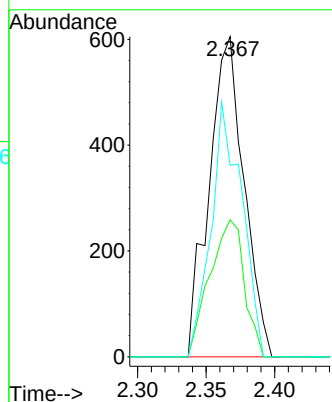
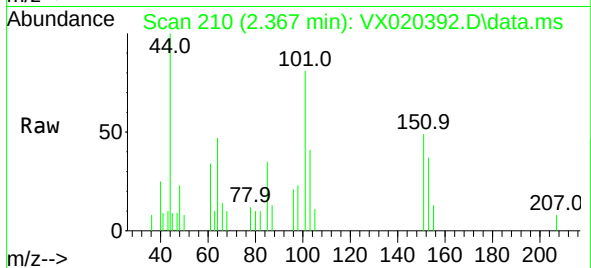




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.45 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

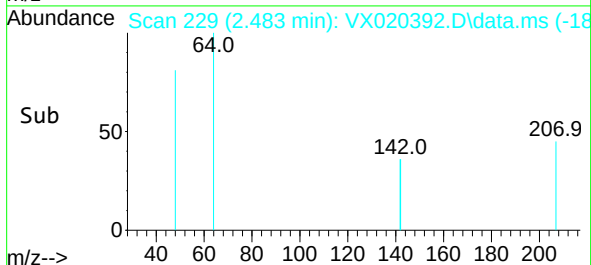
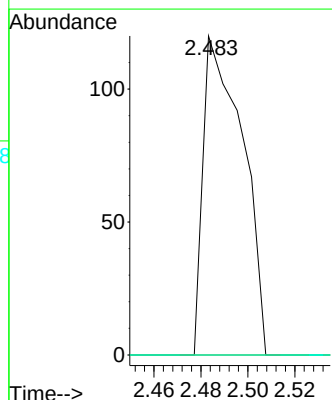
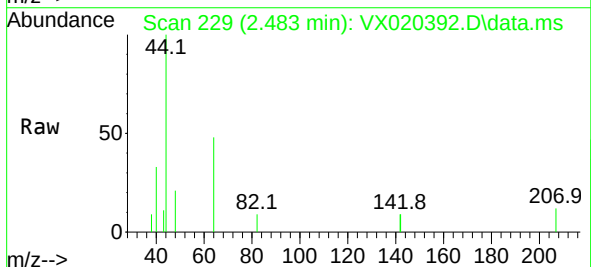
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

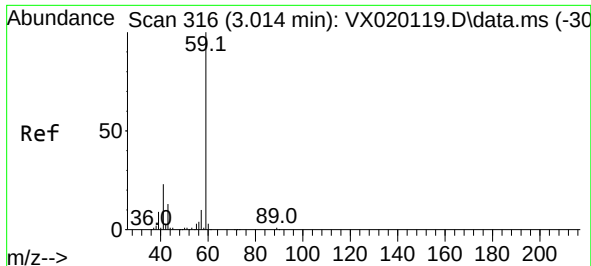
Tgt Ion:101 Resp: 1072
Ion Ratio Lower Upper
101 100
85 42.3 34.9 52.3
151 70.1 61.4 92.2



#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

Tgt Ion:142 Resp: 139
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

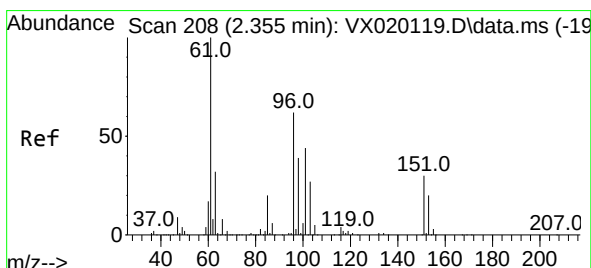
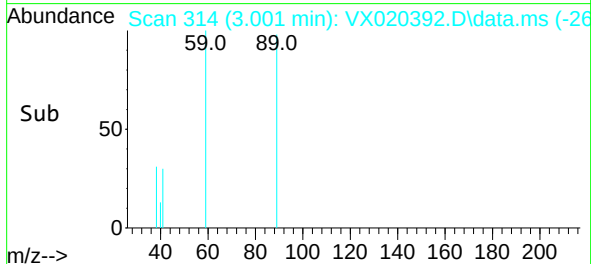
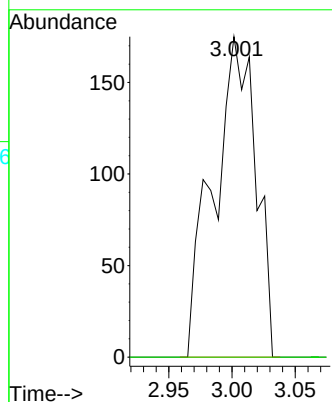
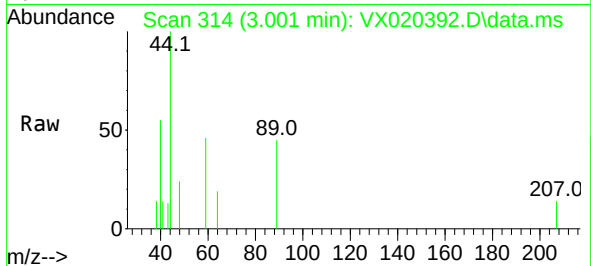




#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

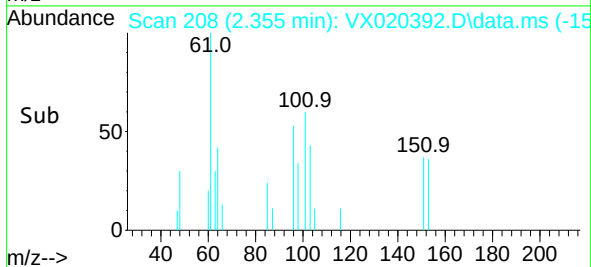
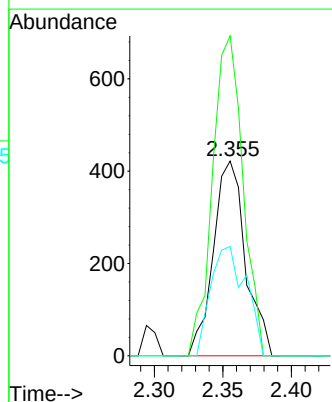
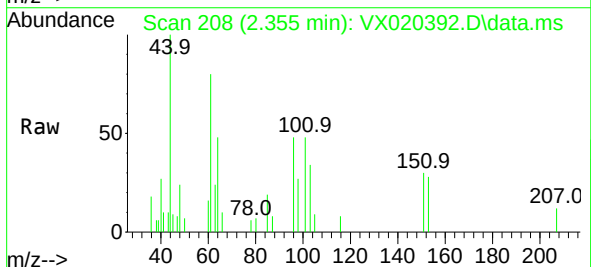
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

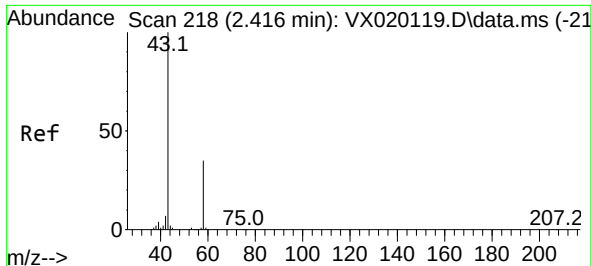
Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.28 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

Tgt Ion: 96 Resp: 690
Ion Ratio Lower Upper
96 100
61 164.2 124.6 187.0
98 56.2 50.6 76.0

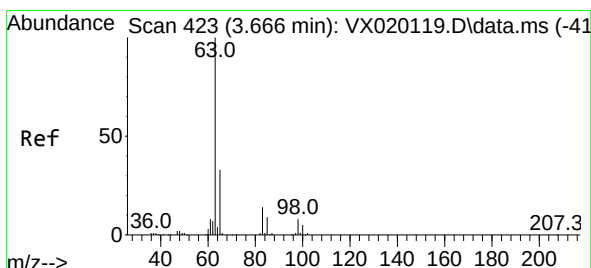
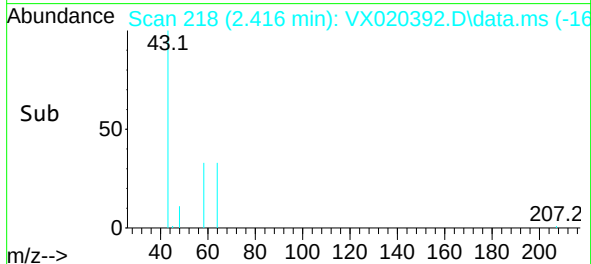
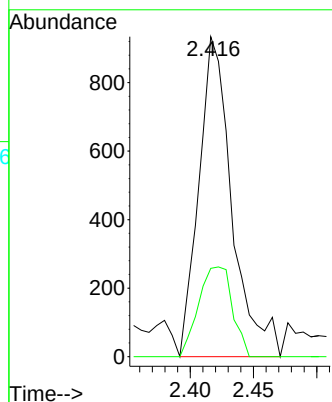
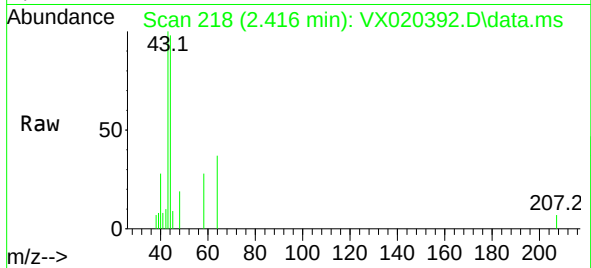




#16
Acetone
Concen: 1.15 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

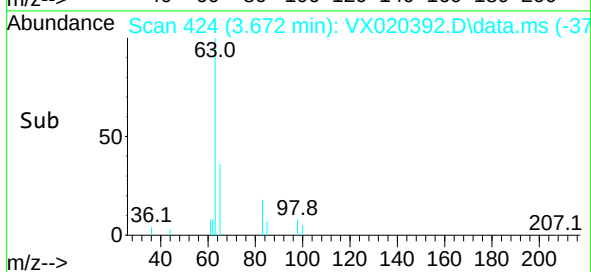
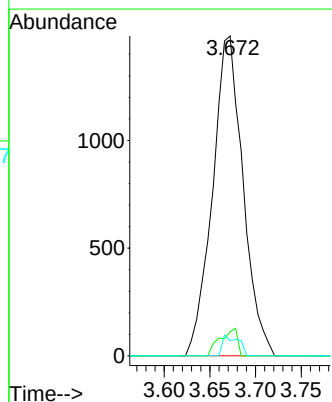
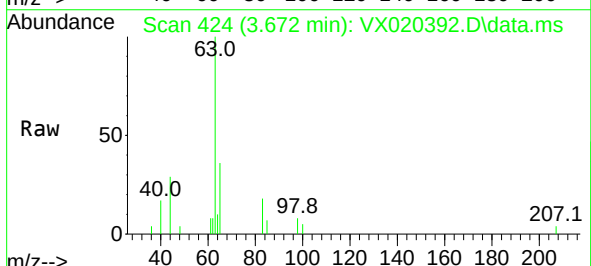
Instrument :
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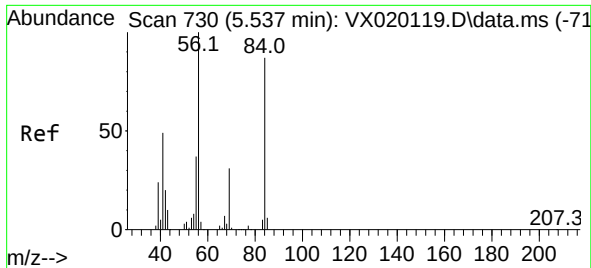
Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#



#24
1,1-Dichloroethane
Concen: 0.66 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

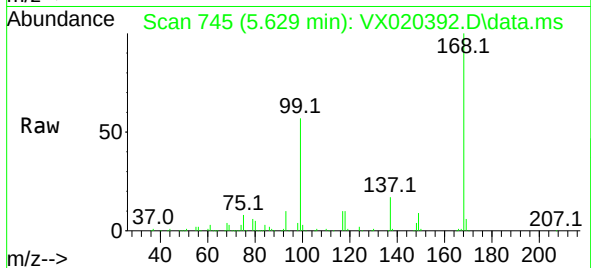
Tgt Ion: 63 Resp: 3449
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 4.8 2.5 7.5



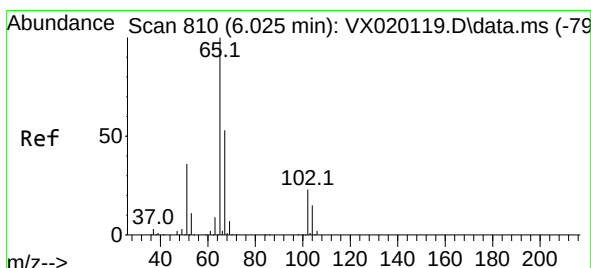
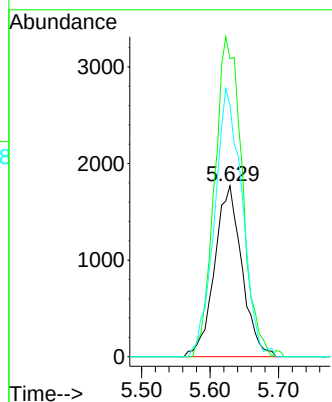
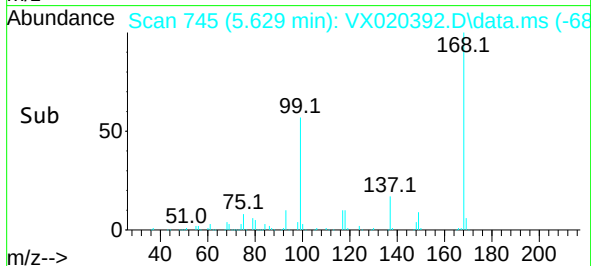


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

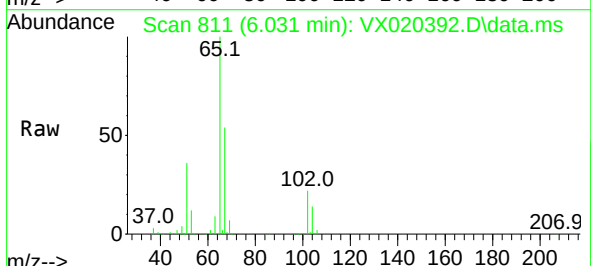
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ClientSampleId :
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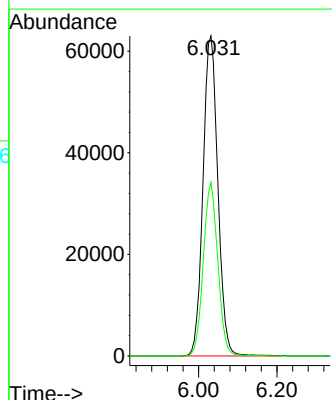
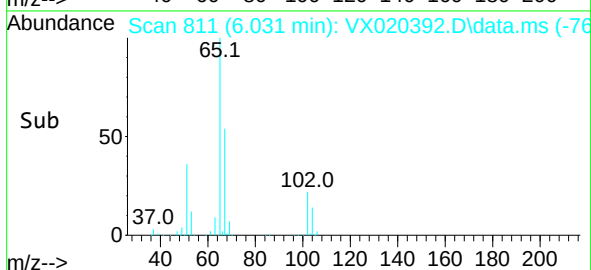
Tgt Ion: 56 Resp: 4899
Ion Ratio Lower Upper
56 100
69 174.3 25.3 37.9#
84 147.2 71.4 107.0#

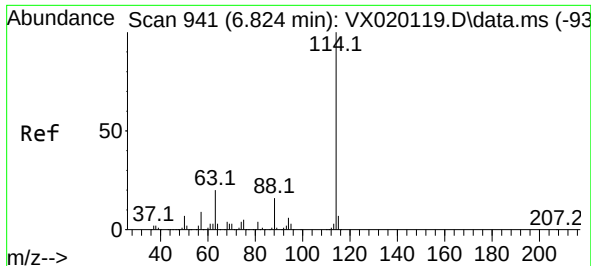


#33
1,2-Dichloroethane-d4
Concen: 51.42 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56



Tgt Ion: 65 Resp: 165789
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

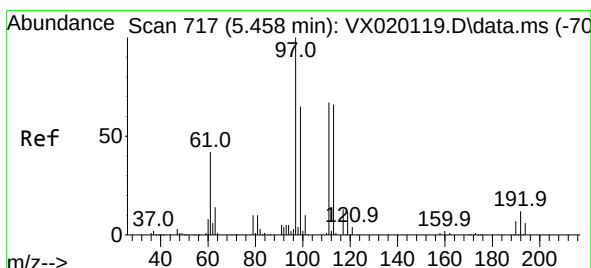
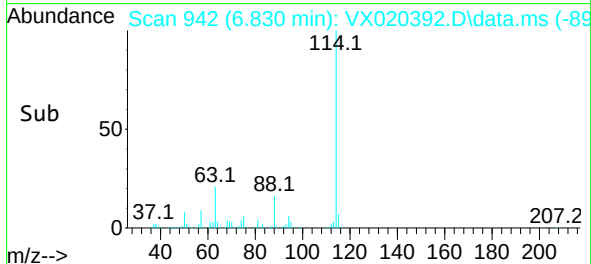
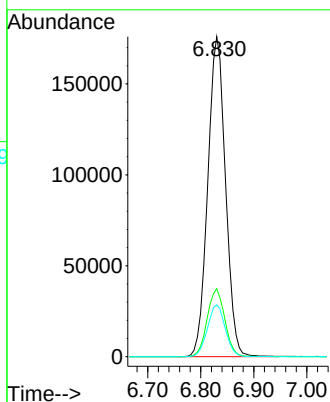
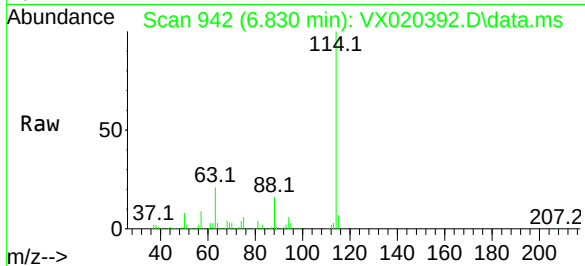




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

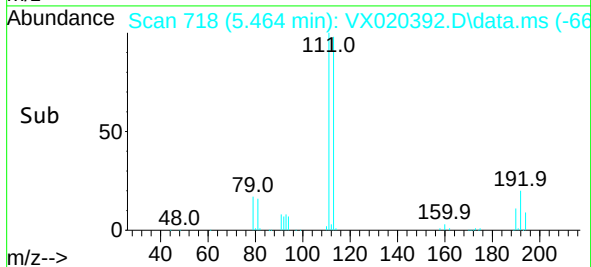
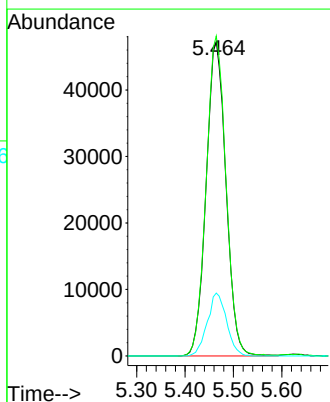
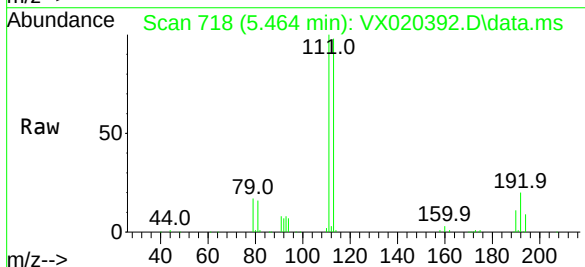
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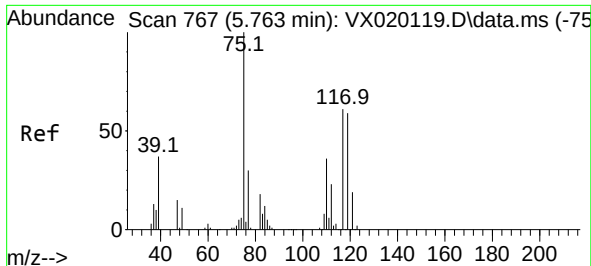
Tgt Ion:114 Resp: 409175
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.31 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

Tgt Ion:113 Resp: 134315
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.5 16.7 25.1

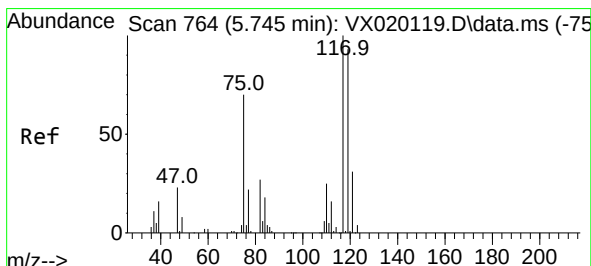
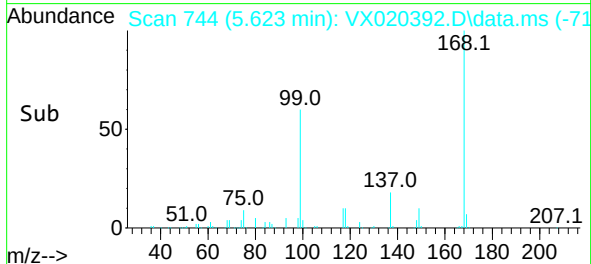
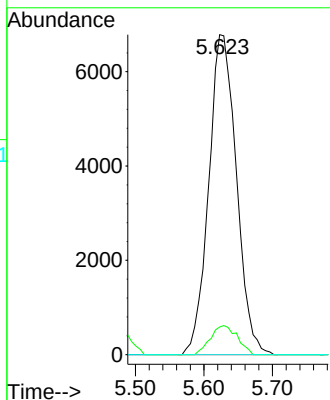
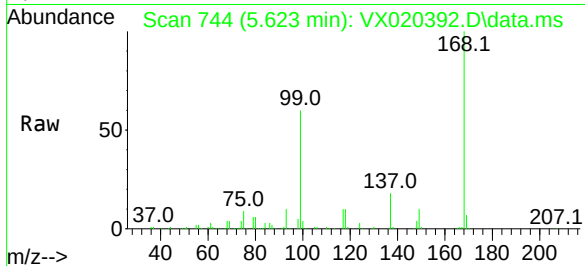




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

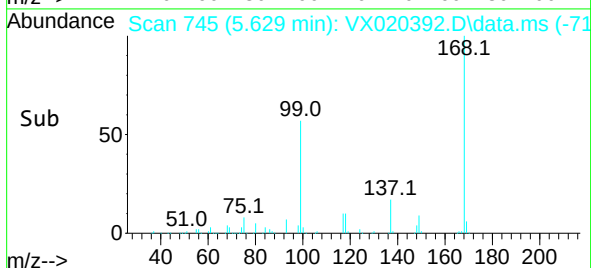
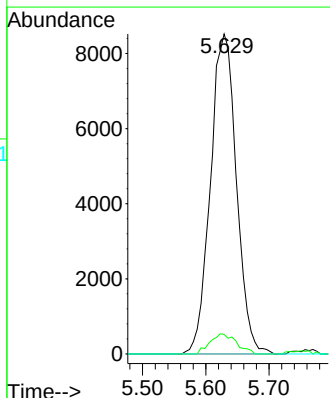
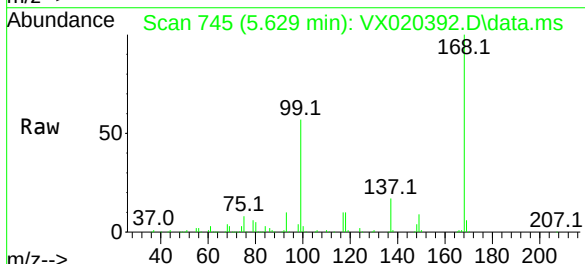
Instrument :
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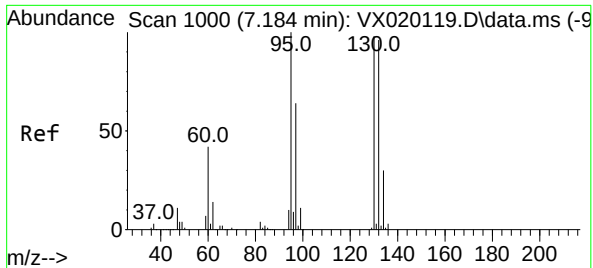
Tgt Ion: 75 Resp: 19025
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

Tgt Ion: 117 Resp: 24286
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

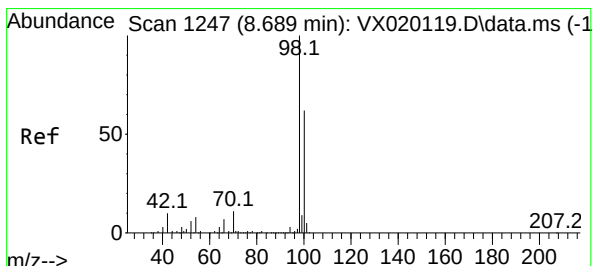
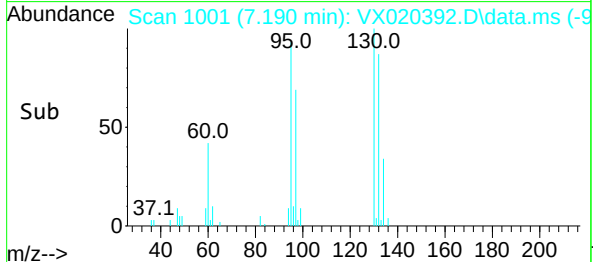
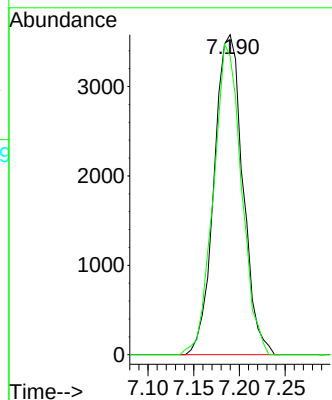
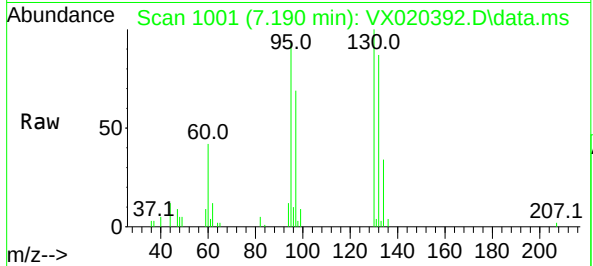




#44
Trichloroethene
Concen: 2.41 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

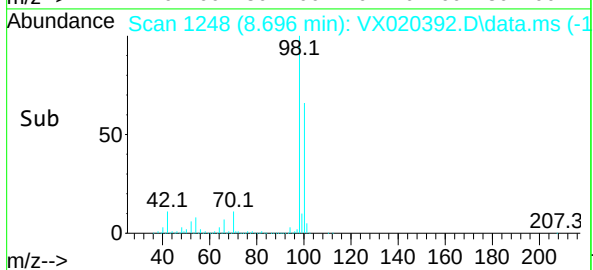
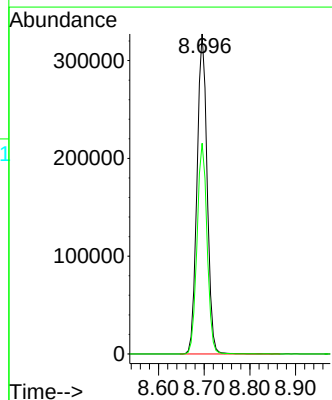
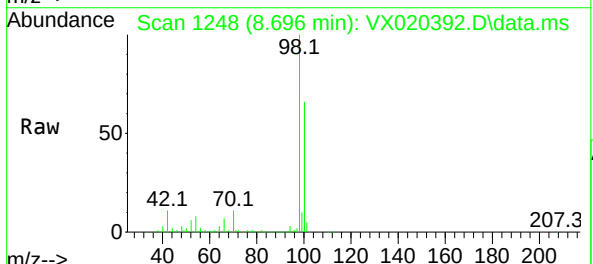
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

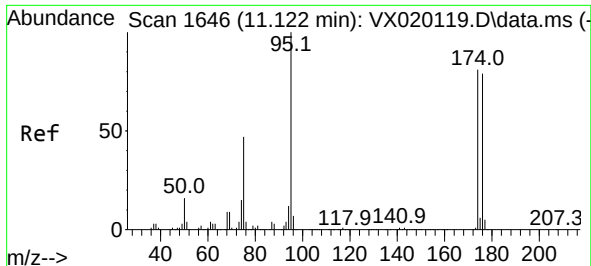
Tgt Ion:130 Resp: 7827
Ion Ratio Lower Upper
130 100
95 93.4 0.0 198.0



#50
Toluene-d8
Concen: 49.85 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

Tgt Ion: 98 Resp: 502277
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

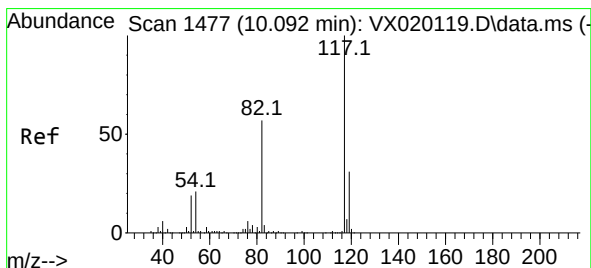
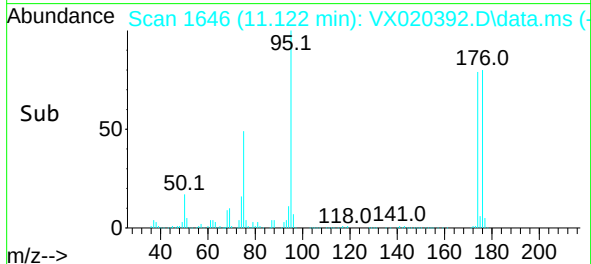
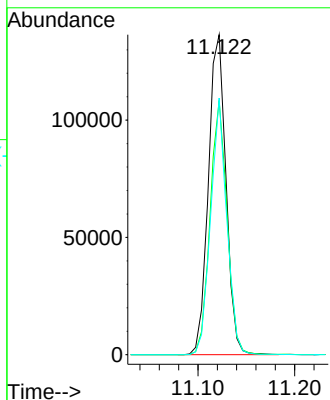
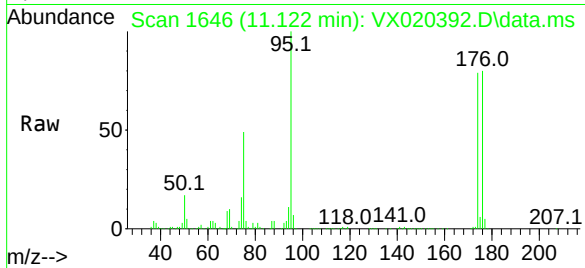




#62
4-Bromofluorobenzene
Concen: 44.73 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

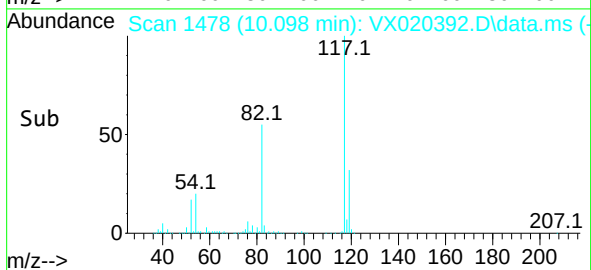
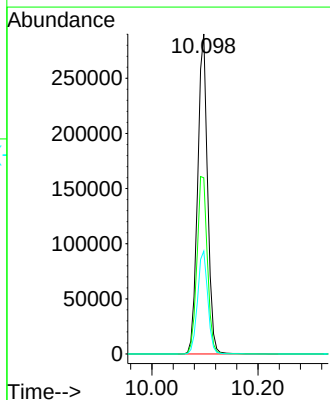
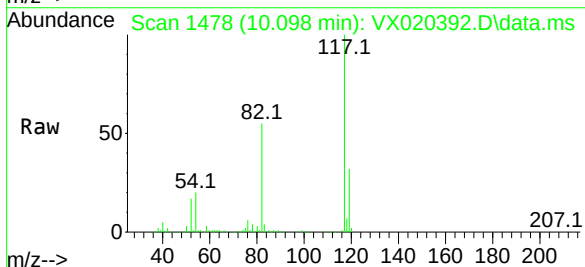
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

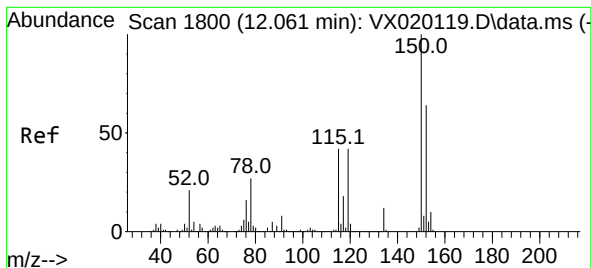
Tgt Ion: 95 Resp: 172493
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

Tgt Ion: 117 Resp: 377587
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 32.1 26.6 39.8

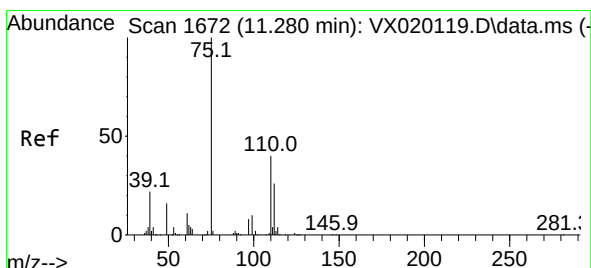
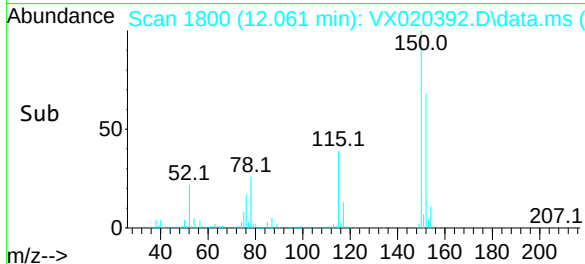
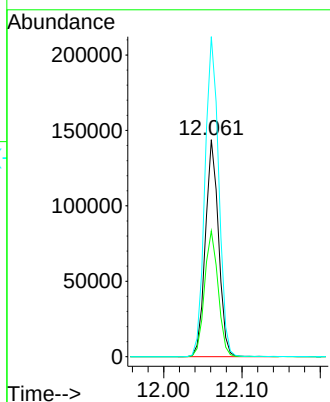
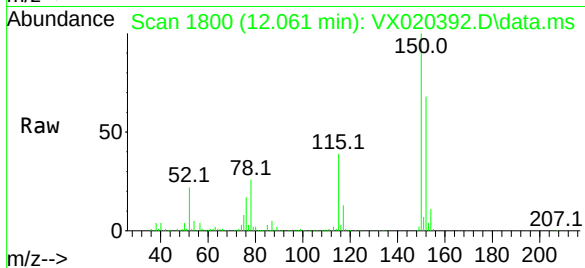




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

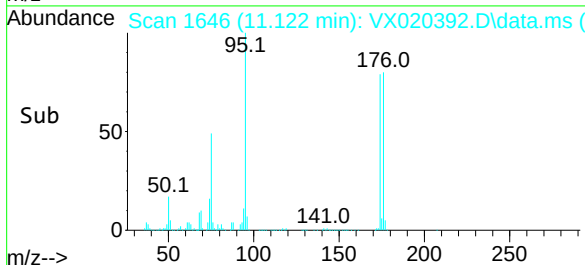
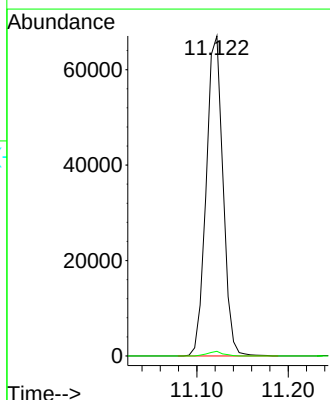
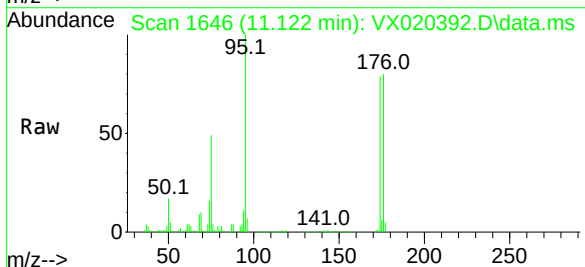
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

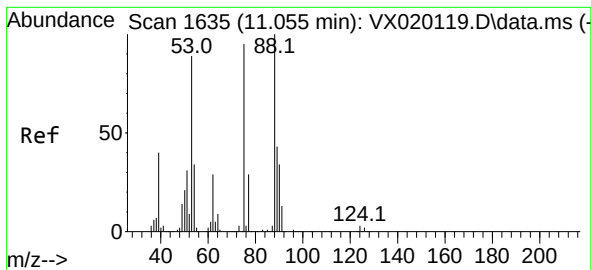
Tgt Ion:152 Resp: 167058
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 155.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.69 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020392.D
Acq: 24 Dec 2020 16:56

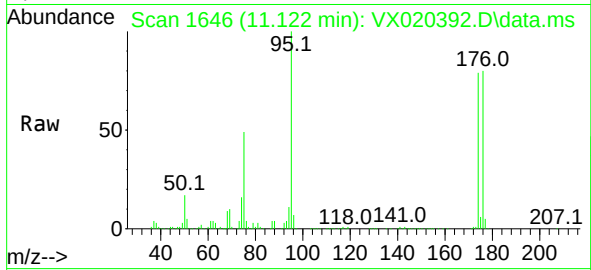
Tgt Ion: 75 Resp: 85146
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.39 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020392.D
 Acq: 24 Dec 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20201214



Tgt Ion: 75 Resp: 85146
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.5 111.7#
 89 0.0 37.9 56.9#

