

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020174.D
 Acq On : 19 Dec 2020 16:24
 Operator : JC/MD
 Sample : L5096-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW027-121220

Quant Time: Dec 21 02:33:46 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)

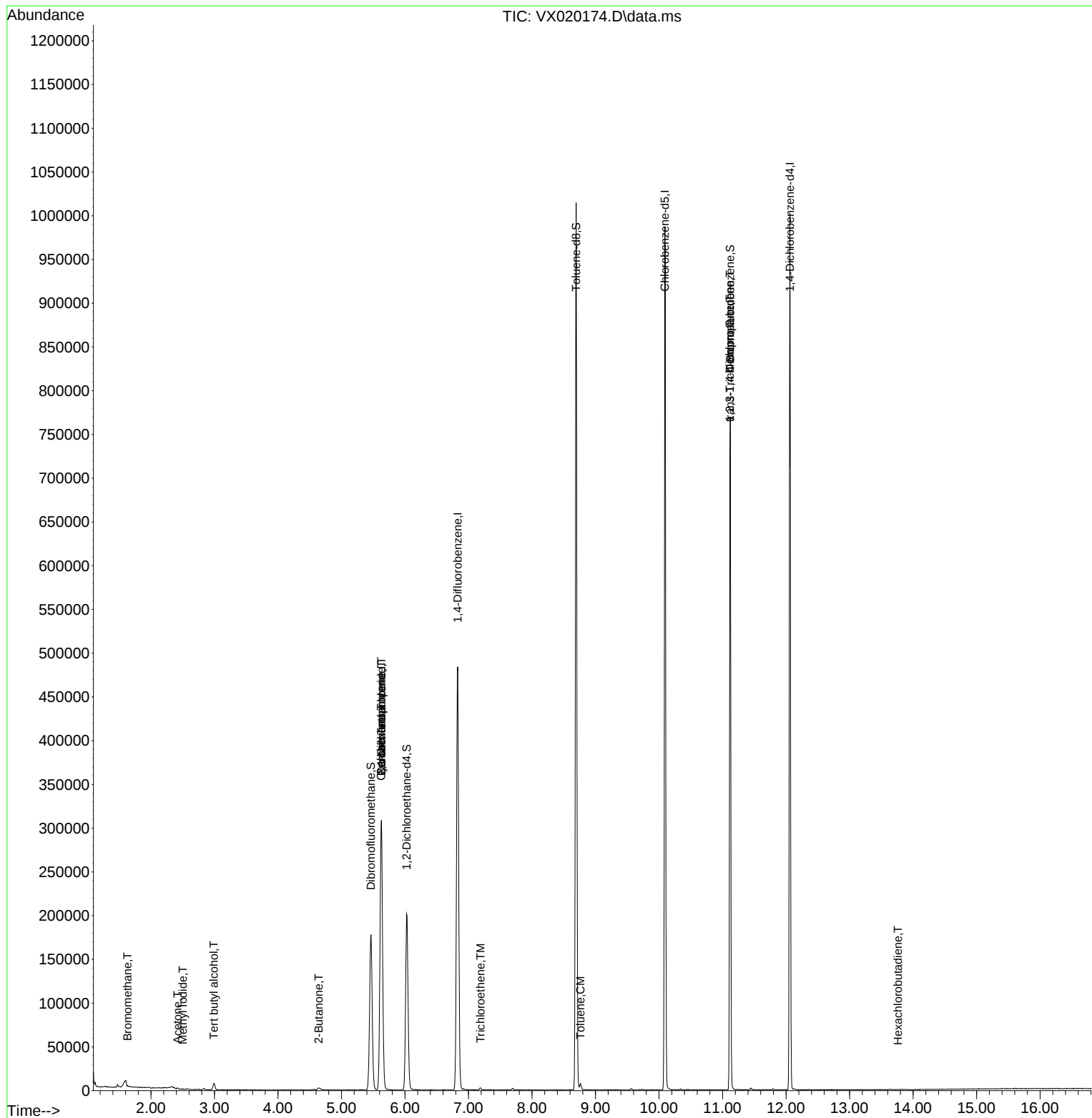
Internal Standards						
1) Pentafluorobenzene	5.629	168	298657	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	500723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	464009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	200132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	193144	48.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.50%		
35) Dibromofluoromethane	5.464	113	155306	48.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.98%		
50) Toluene-d8	8.695	98	601893	48.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.64%		
62) 4-Bromofluorobenzene	11.122	95	215695	45.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.42%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	726	0.55	ug/l	87
10) Methyl Iodide	2.502	142	441	3.39	ug/l #	71
11) Tert butyl alcohol	2.989	59	4372	4.88	ug/l #	75
16) Acetone	2.416	43	1623	0.89	ug/l #	84
25) 2-Butanone	4.641	43	564	0.21	ug/l #	45
31) Cyclohexane	5.623	56	5916	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23013	4.65	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29643	6.30	ug/l #	16
44) Trichloroethene	7.190	130	1009	0.25	ug/l	91
52) Toluene	8.763	92	2240	0.24	ug/l	94
76) 1,2,3-Trichloropropane	11.116	75	104560	21.21	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	104560	62.93	ug/l #	12
94) Hexachlorobutadiene	13.762	225	24	2.66	ug/l #	19

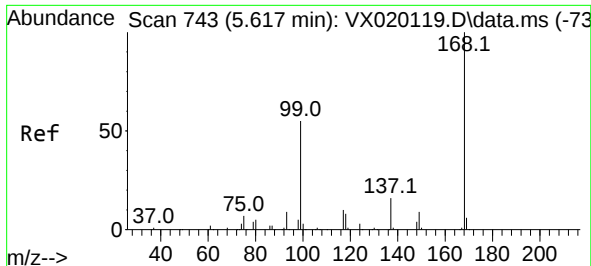
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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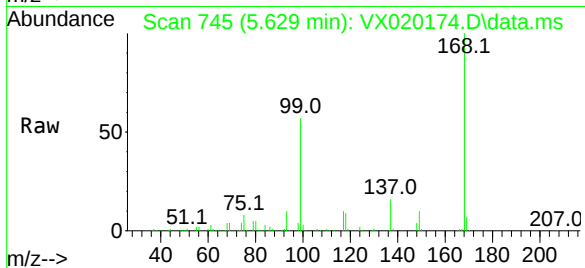
Quant Time: Dec 21 02:33:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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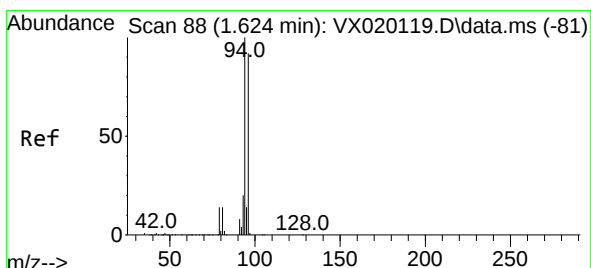
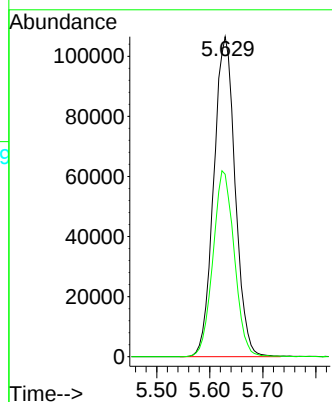
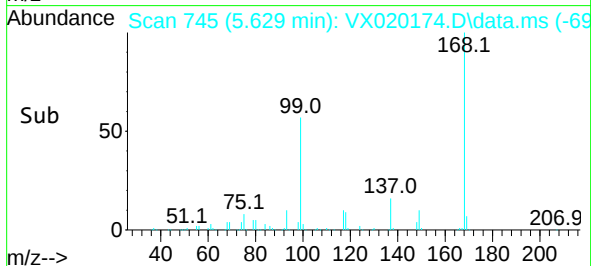


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

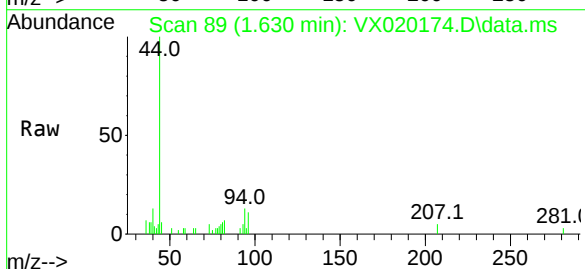
Instrument :
MSVOA_X
ClientSampleId :
49-MW027-121220



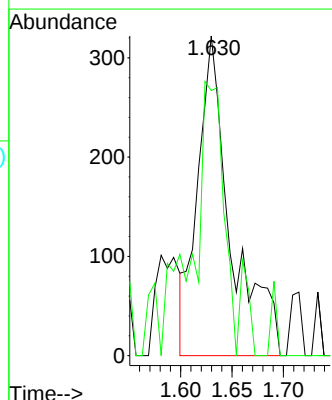
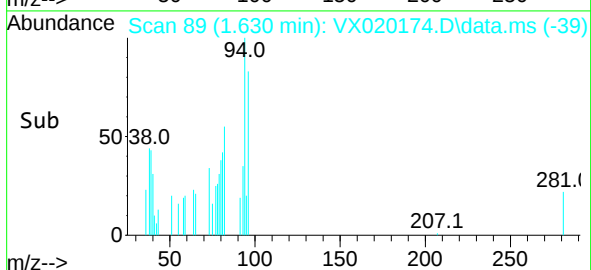
Tgt Ion:168 Resp: 298657
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6

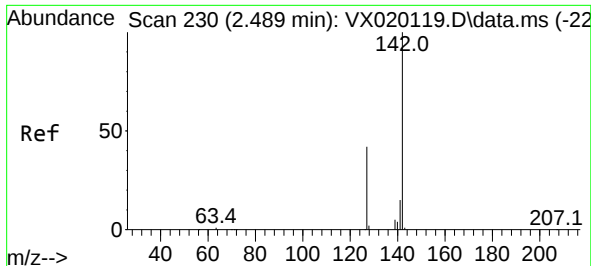


#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24



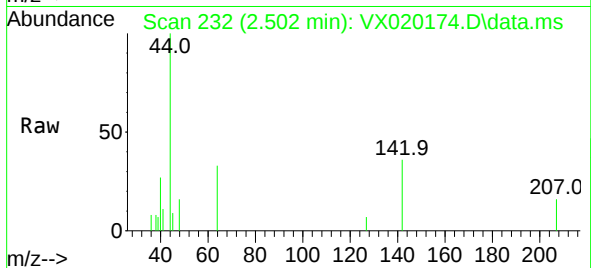
Tgt Ion: 94 Resp: 726
Ion Ratio Lower Upper
94 100
96 82.9 76.4 114.6



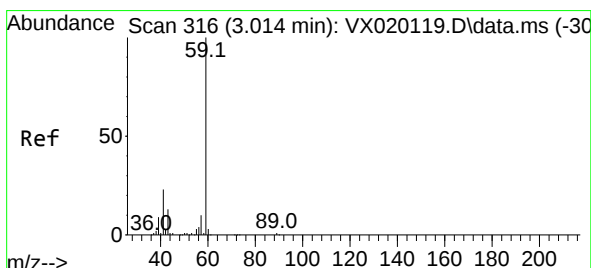
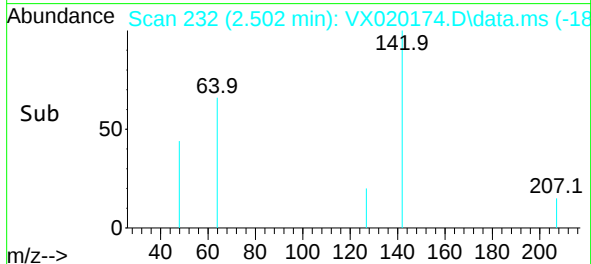
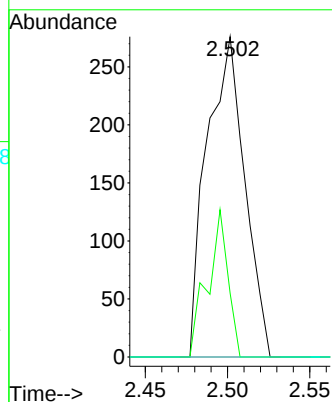


#10
Methyl Iodide
Concen: 3.39 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Instrument :
MSVOA_X
ClientSampleId :
49-MW027-121220

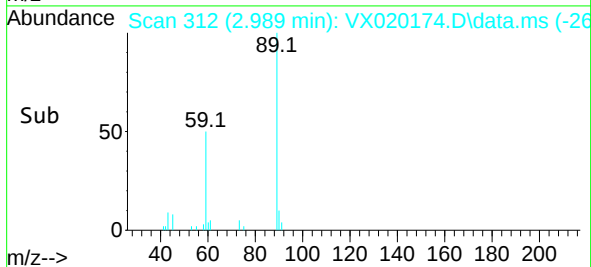
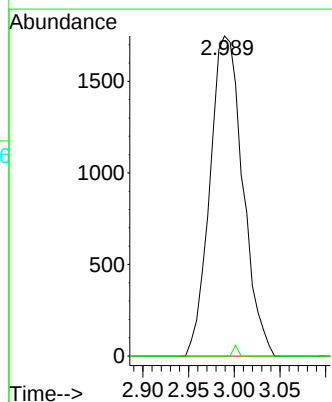
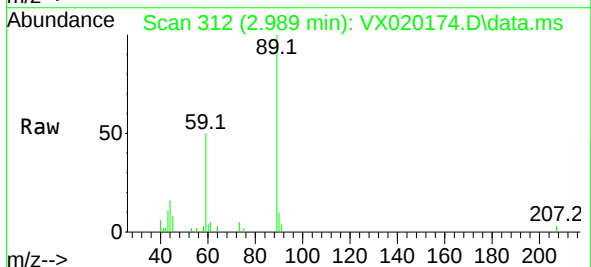


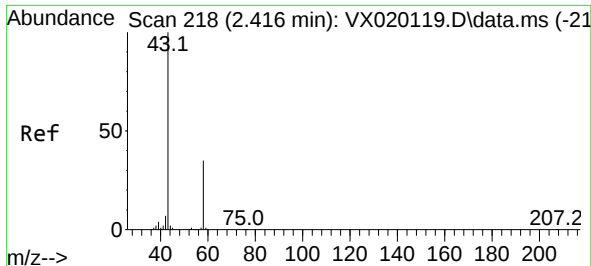
Tgt Ion:142 Resp: 441
Ion Ratio Lower Upper
142 100
127 24.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.88 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Tgt Ion: 59 Resp: 4372
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.8#

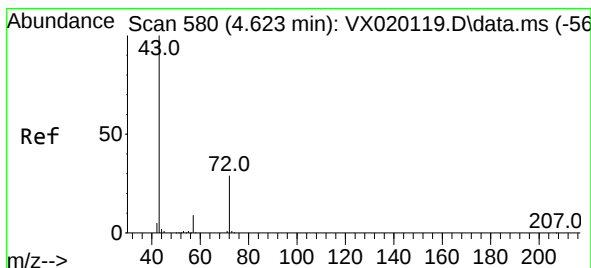
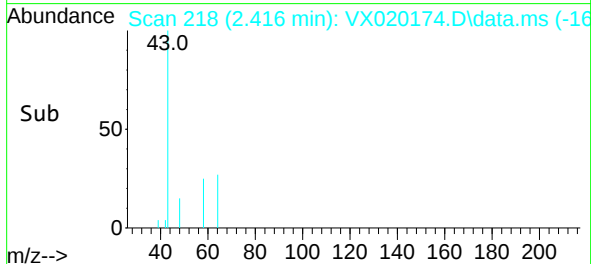
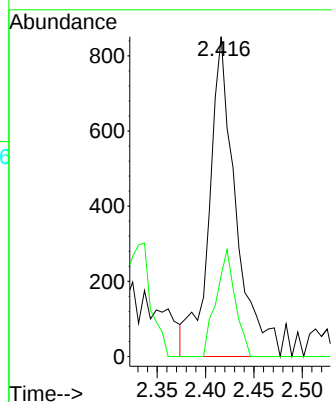
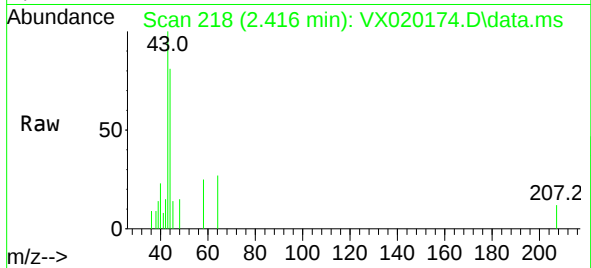




#16
Acetone
Concen: 0.89 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

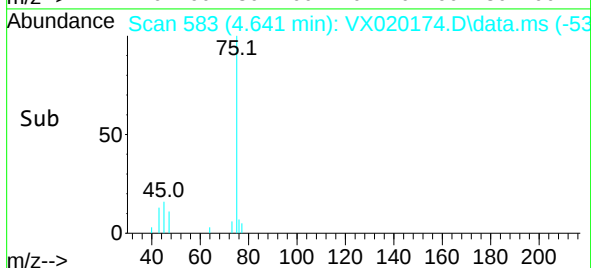
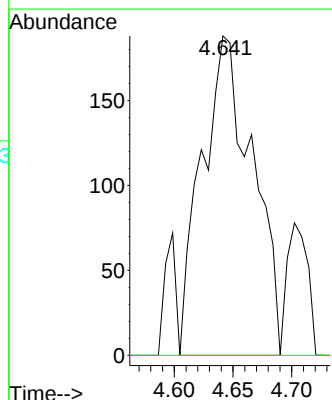
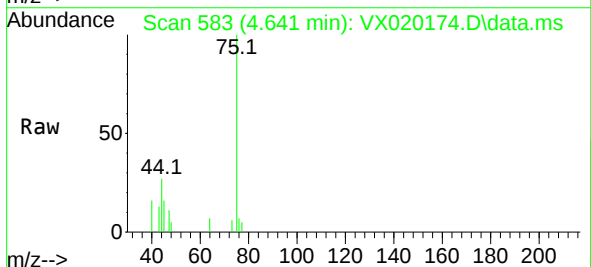
Instrument :
MSVOA_X
ClientSampleId :
49-MW027-121220

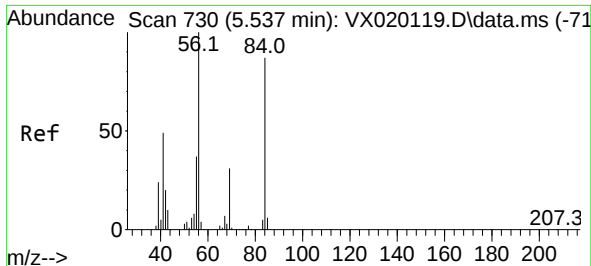
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#



#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

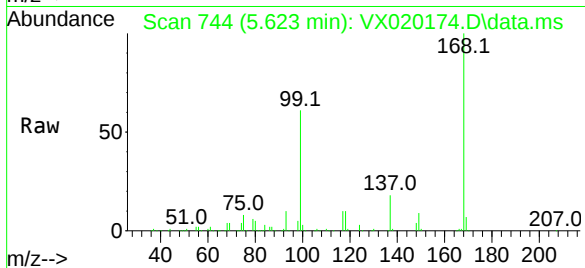
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



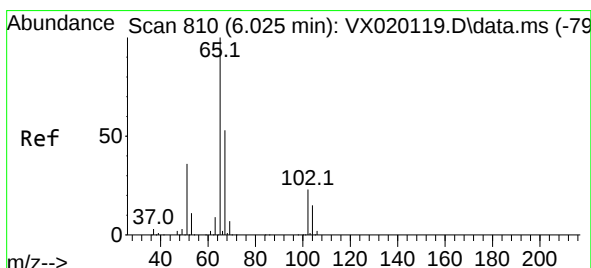
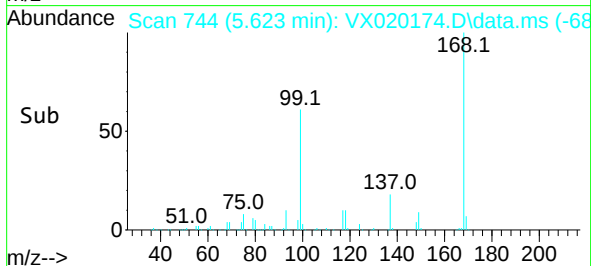
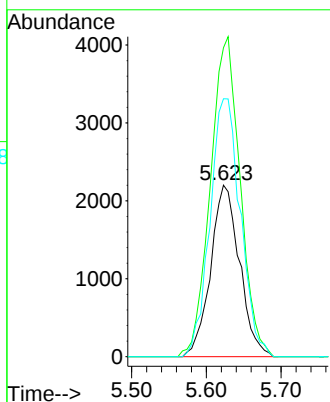


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Instrument :
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ClientSampleId :
49-MW027-121220

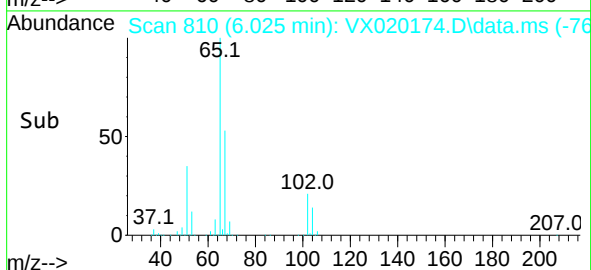
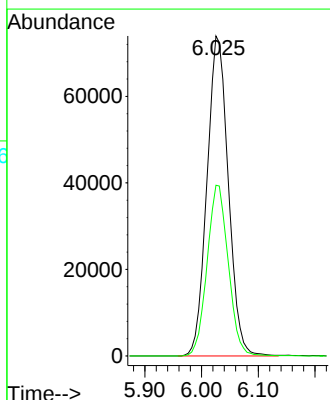
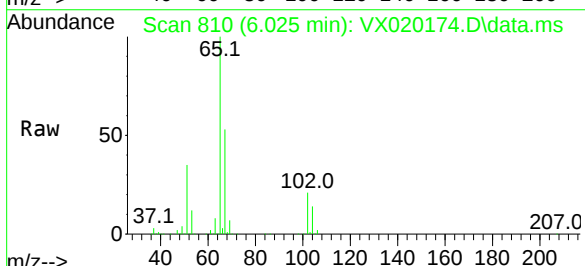


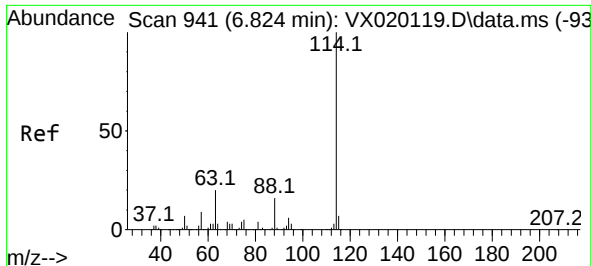
Tgt Ion: 56 Resp: 5916
Ion Ratio Lower Upper
56 100
69 180.1 25.3 37.9#
84 150.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.25 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

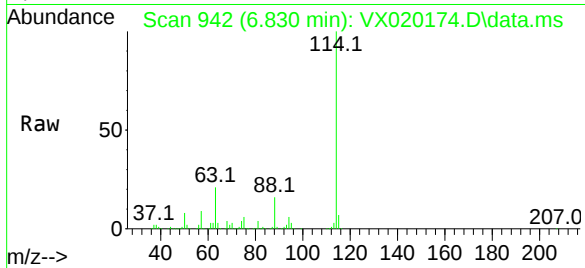
Tgt Ion: 65 Resp: 193144
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



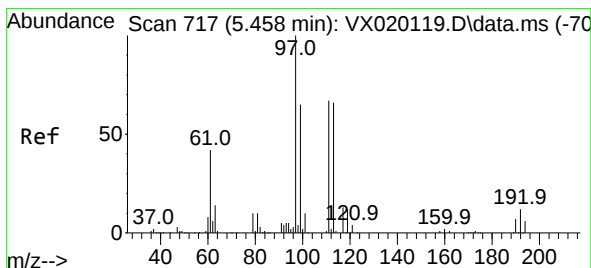
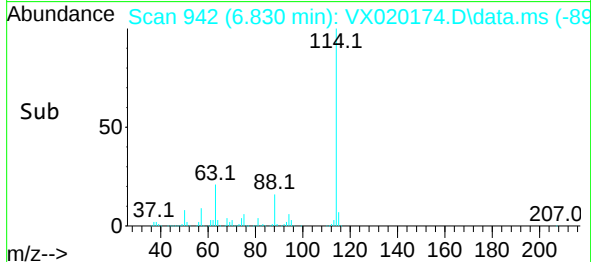
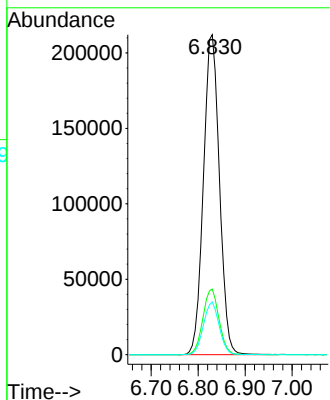


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Instrument :
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ClientSampleId :
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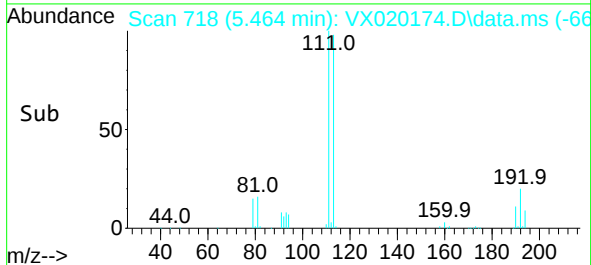
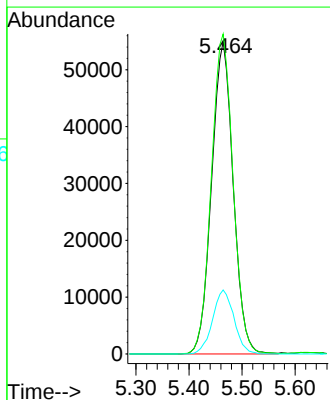
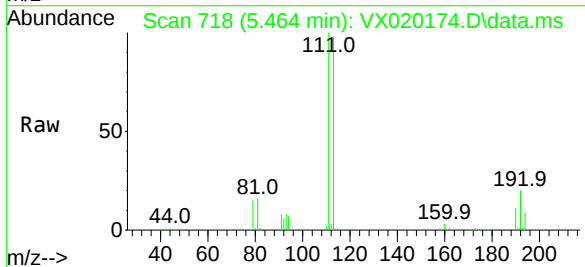


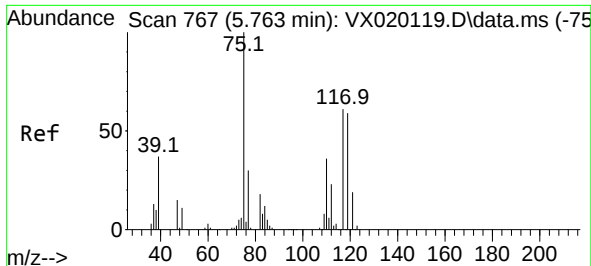
Tgt Ion:114 Resp: 500723
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.49 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

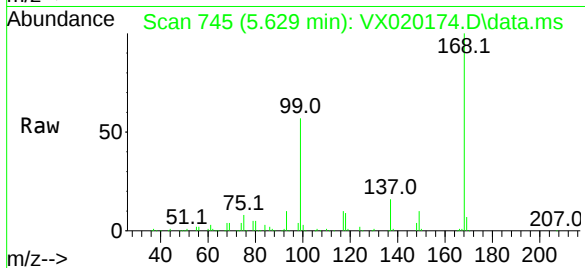
Tgt Ion:113 Resp: 155306
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.3 16.7 25.1



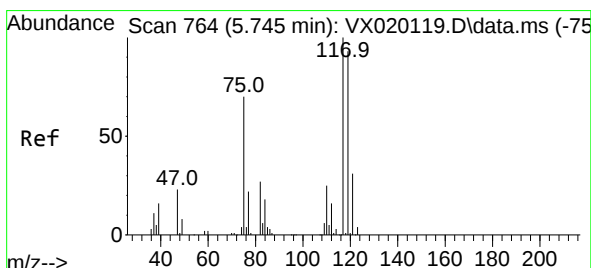
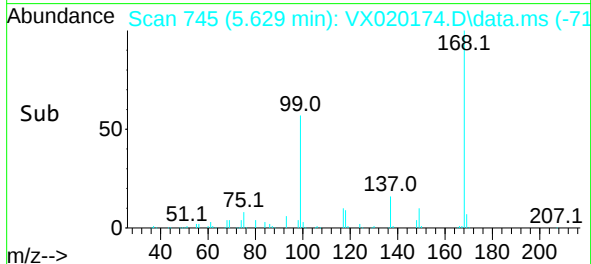
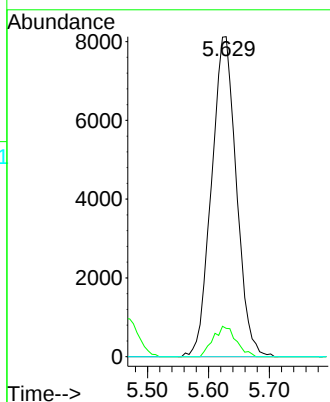


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

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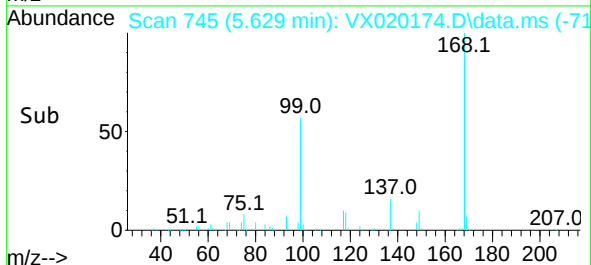
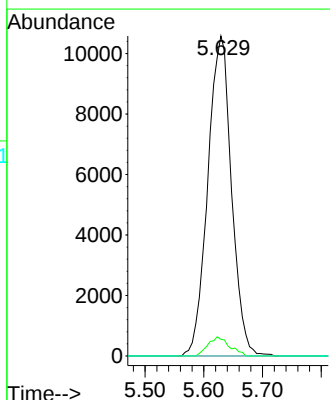
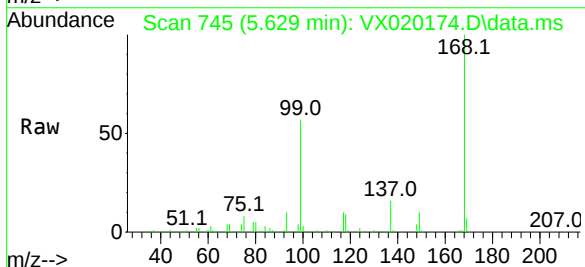


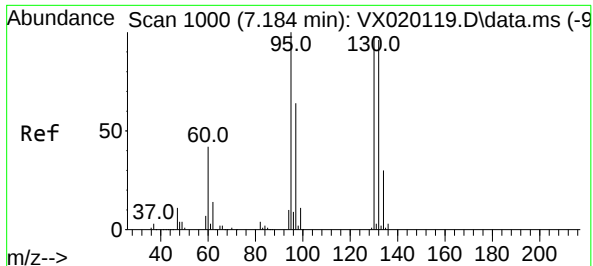
Tgt Ion: 75 Resp: 23013
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Tgt Ion: 117 Resp: 29643
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

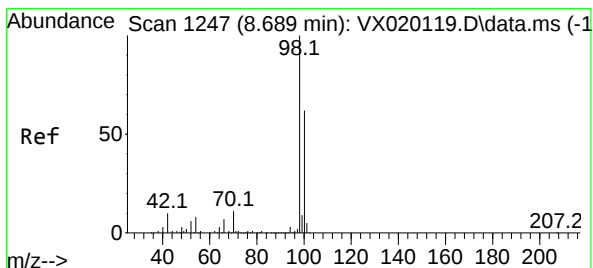
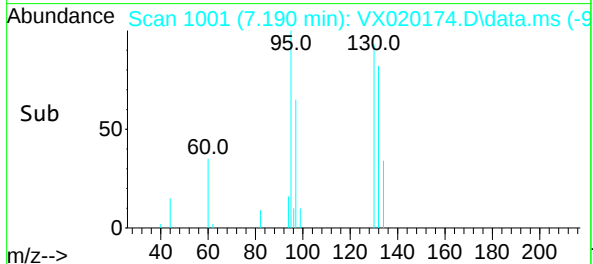
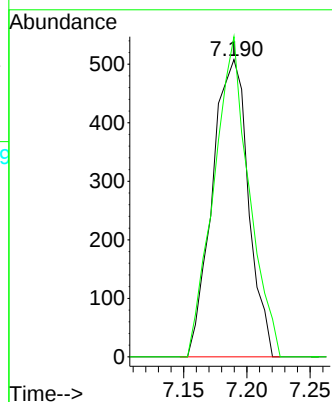
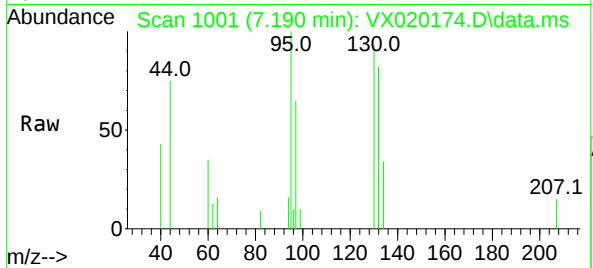




#44
Trichloroethene
Concen: 0.25 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

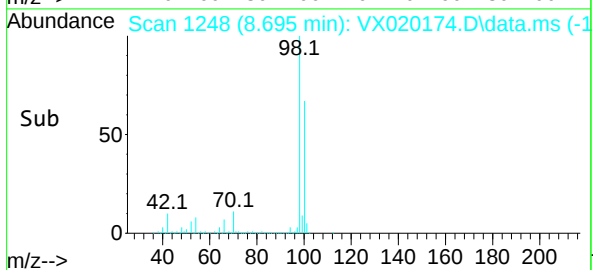
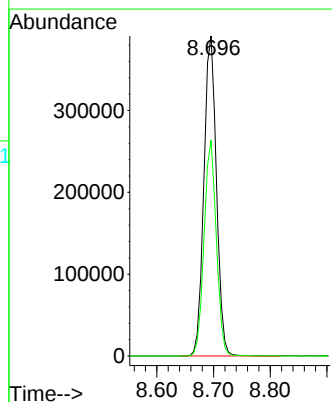
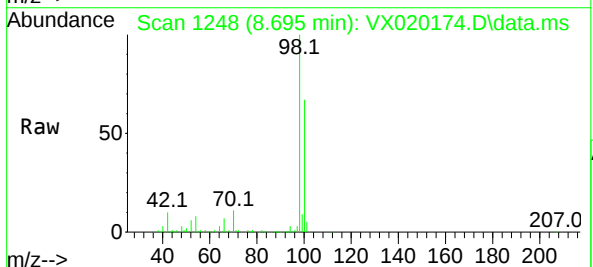
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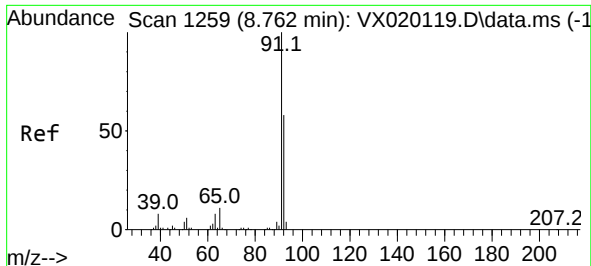
Tgt Ion:130 Resp: 1009
Ion Ratio Lower Upper
130 100
95 107.7 0.0 198.0



#50
Toluene-d8
Concen: 48.82 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Tgt Ion: 98 Resp: 601893
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

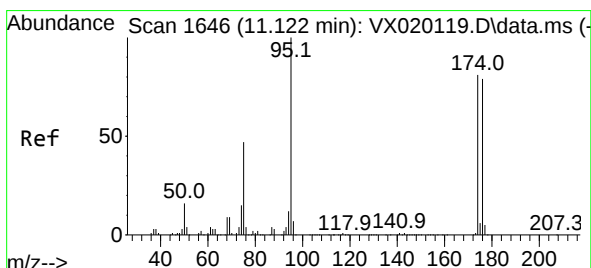
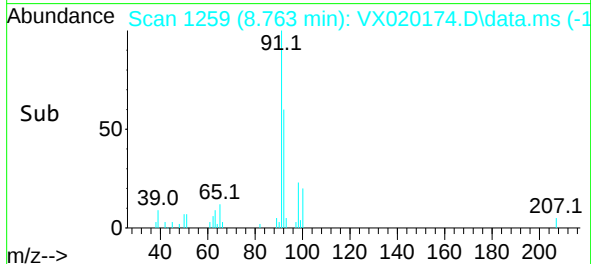
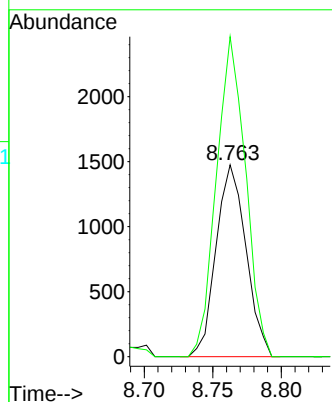
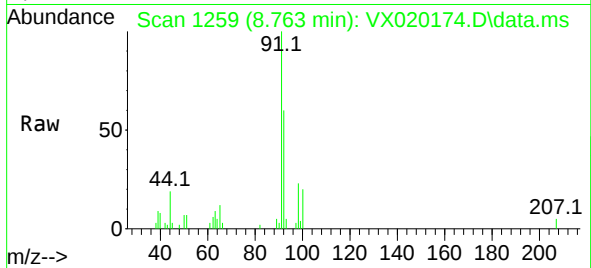




#52
Toluene
Concen: 0.24 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

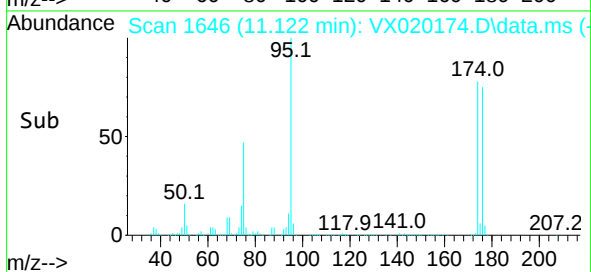
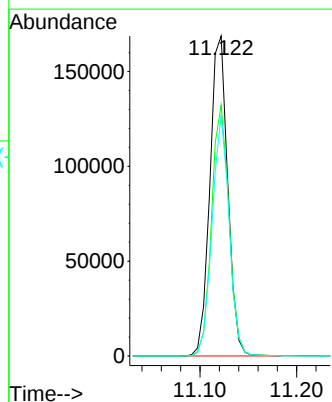
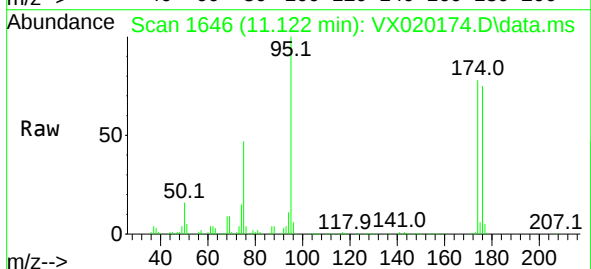
Instrument :
MSVOA_X
ClientSampleId :
49-MW027-121220

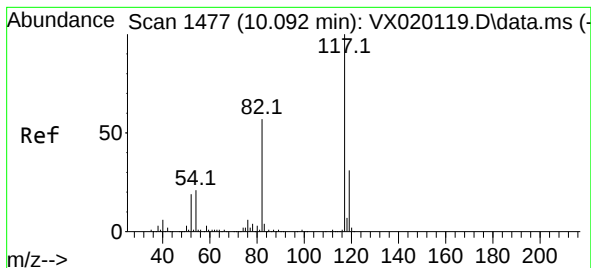
Tgt Ion: 92 Resp: 2240
Ion Ratio Lower Upper
92 100
91 162.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.71 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Tgt Ion: 95 Resp: 215695
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 72.0 0.0 155.8

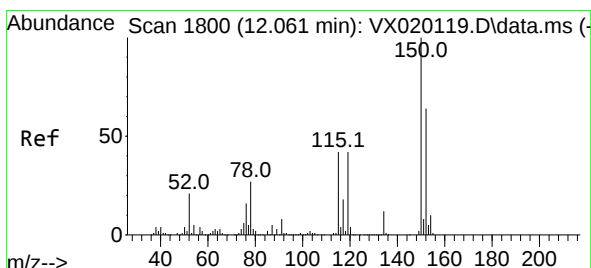
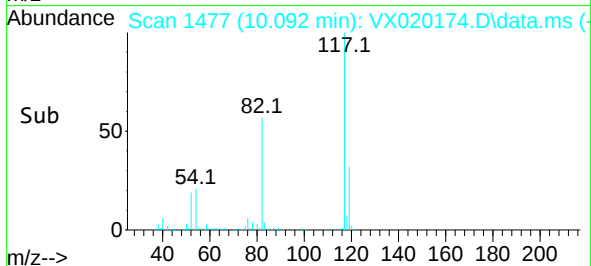
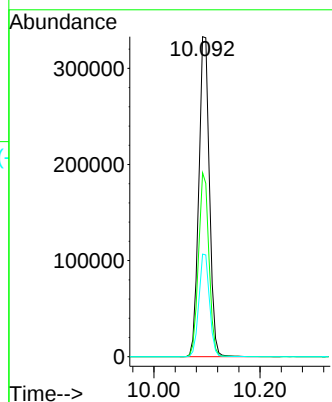
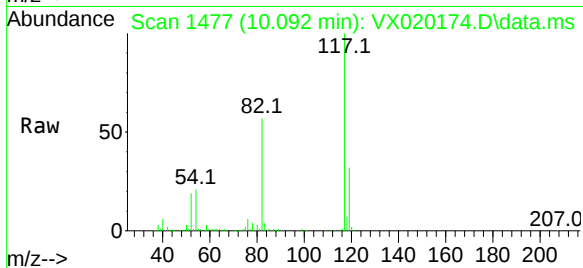




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

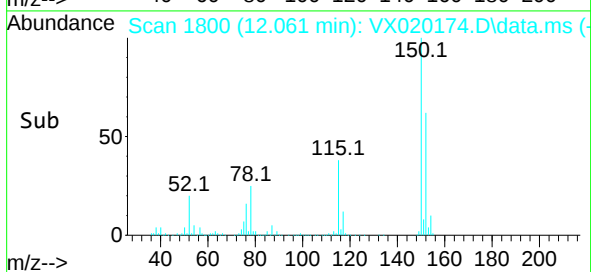
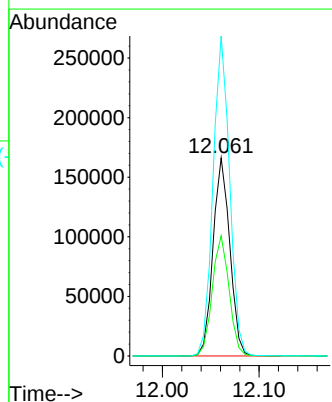
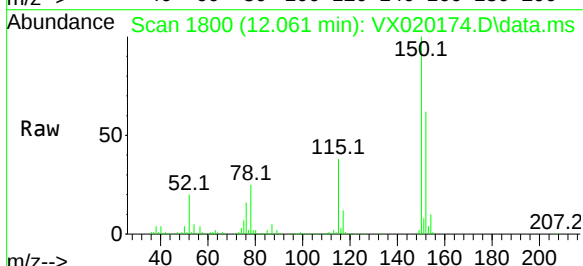
Instrument :
MSVOA_X
ClientSampleId :
49-MW027-121220

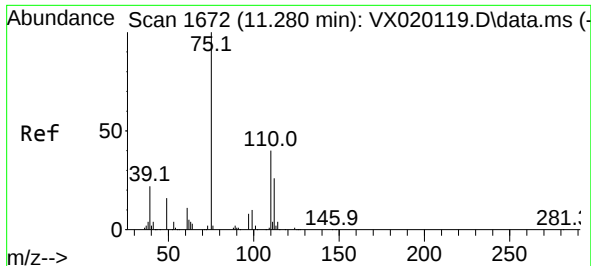
Tgt Ion:117 Resp: 464009
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

Tgt Ion:152 Resp: 200132
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 159.7 0.0 349.0

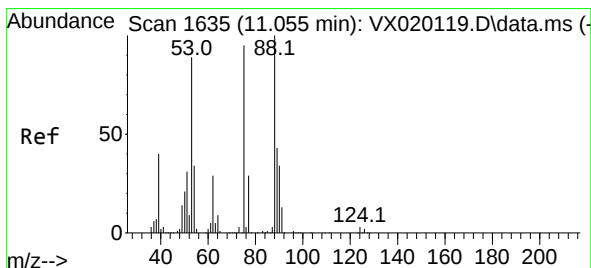
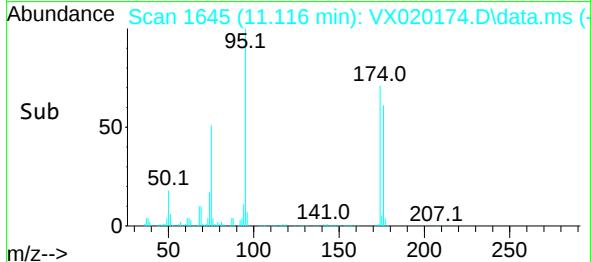
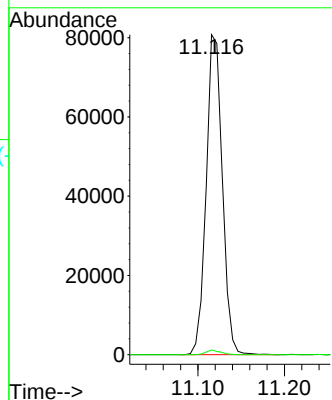
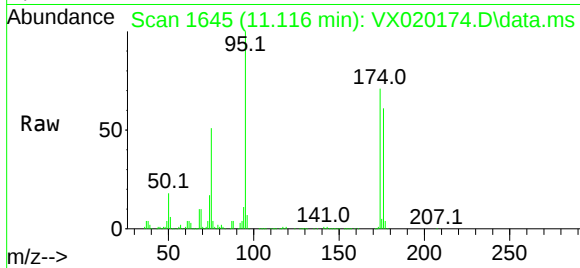




#76
1,2,3-Trichloropropane
Concen: 21.21 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

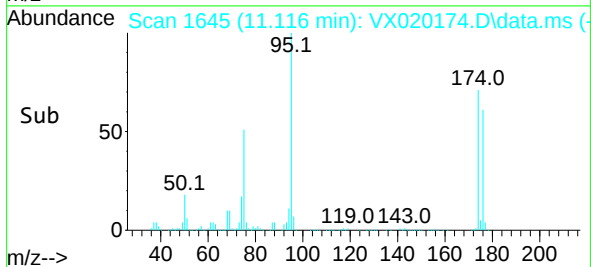
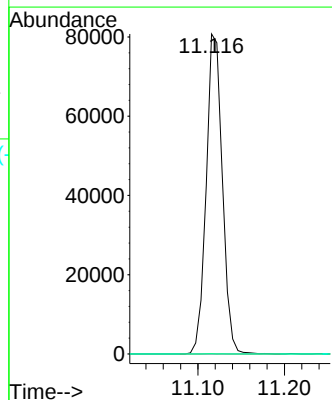
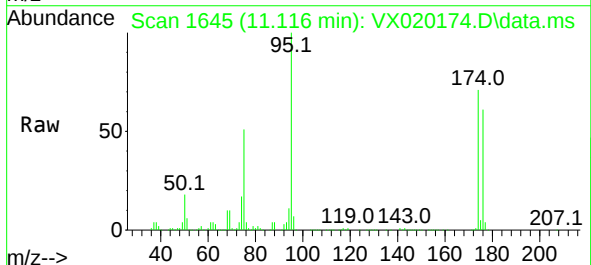
Instrument :
MSVOA_X
ClientSampleId :
49-MW027-121220

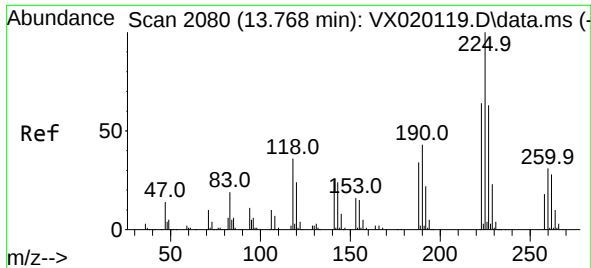
Tgt Ion: 75 Resp: 104560
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.93 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020174.D
Acq: 19 Dec 2020 16:24

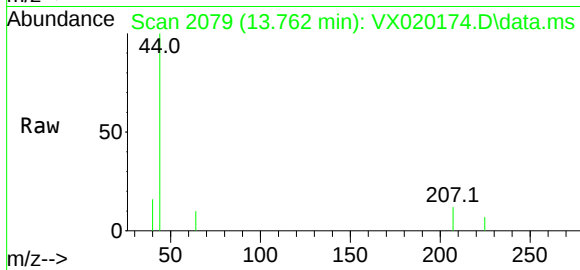
Tgt Ion: 75 Resp: 104560
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.66 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020174.D
 Acq: 19 Dec 2020 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW027-121220



Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.2#
227	0.0	31.6	95.0#

