

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020334.D
 Acq On : 23 Dec 2020 03:56
 Operator : JC/MD
 Sample : L5095-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20201211

Quant Time: Dec 23 05:07:41 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)

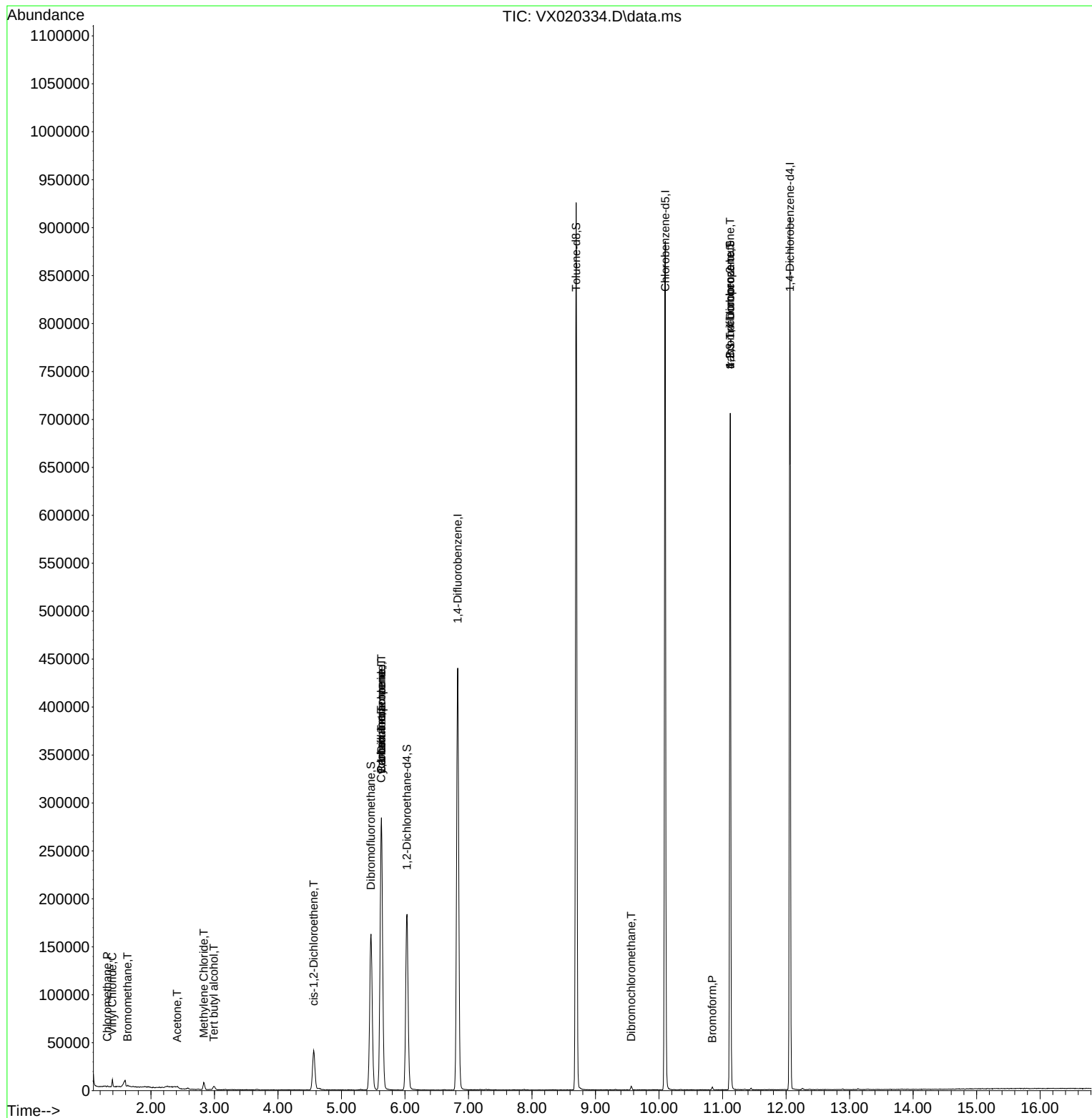
Internal Standards						
1) Pentafluorobenzene	5.629	168	267154	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	446385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	419178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	176142	49.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.38%		
35) Dibromofluoromethane	5.464	113	142904	50.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.08%		
50) Toluene-d8	8.695	98	542673	49.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.74%		
62) 4-Bromofluorobenzene	11.122	95	190848	45.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.74%		
Target Compounds						Qvalue
3) Chloromethane	1.312	50	694	0.21	ug/l	96
4) Vinyl Chloride	1.392	62	4123	1.12	ug/l	100
5) Bromomethane	1.629	94	446	0.38	ug/l	91
11) Tert butyl alcohol	2.989	59	2347	2.93	ug/l #	73
16) Acetone	2.410	43	964	0.59	ug/l	96
20) Methylene Chloride	2.830	84	3040	0.83	ug/l #	80
27) cis-1,2-Dichloroethene	4.562	96	26814	7.17	ug/l	90
31) Cyclohexane	5.623	56	5079	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20749	4.70	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26191	6.24	ug/l #	16
60) Dibromochloromethane	9.561	129	1775	0.52	ug/l	96
71) Bromoform	10.835	173	1114	0.45	ug/l #	95
76) 1,2,3-Trichloropropane	11.122	75	92930	21.11	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	92930	62.64	ug/l #	12

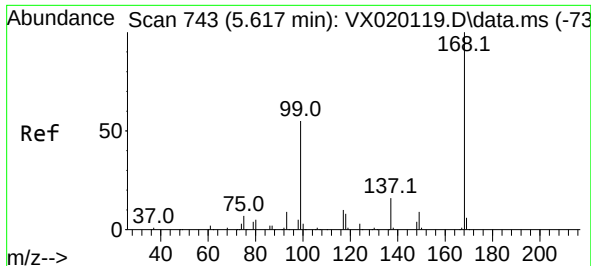
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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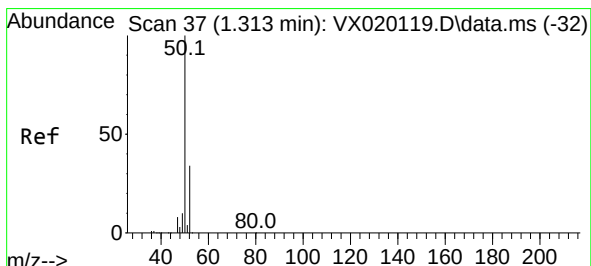
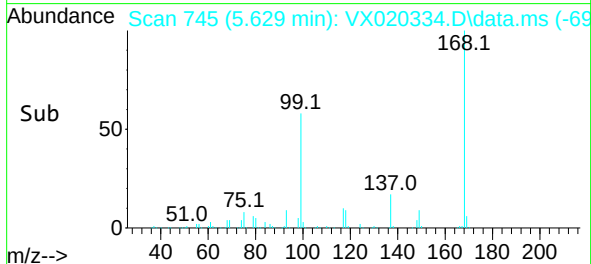
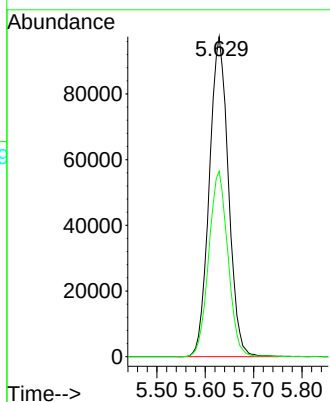
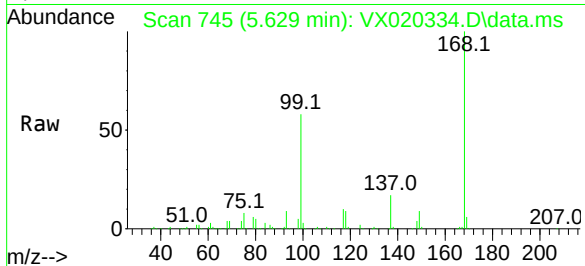




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

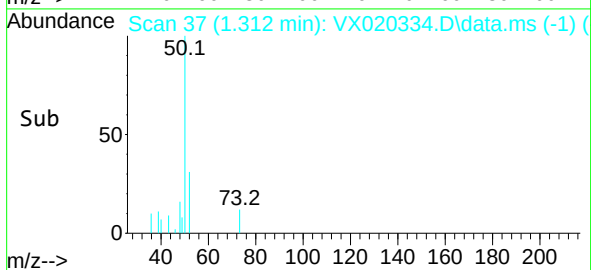
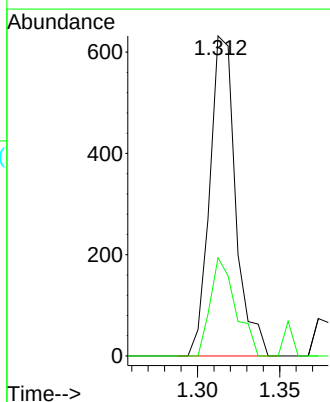
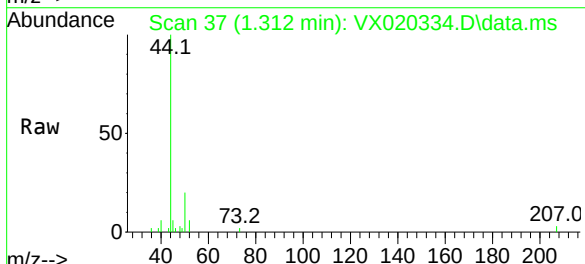
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211

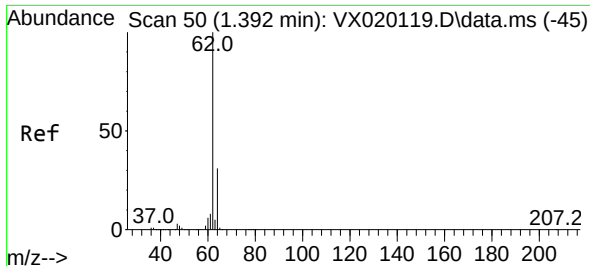
Tgt Ion:168 Resp: 267154
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.312 min Scan# 37
Delta R.T. -0.001 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

Tgt Ion: 50 Resp: 694
Ion Ratio Lower Upper
50 100
52 30.7 26.4 39.6

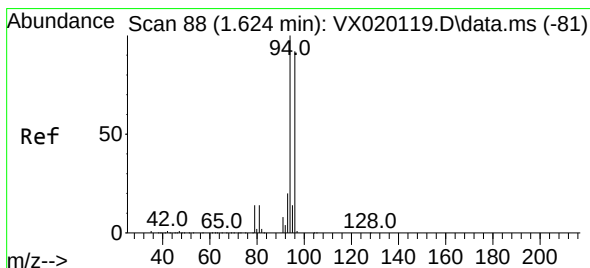
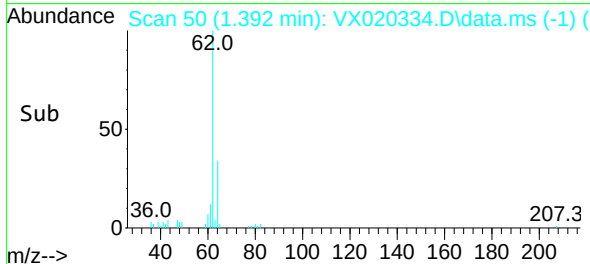
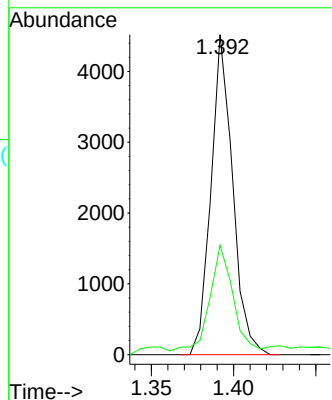
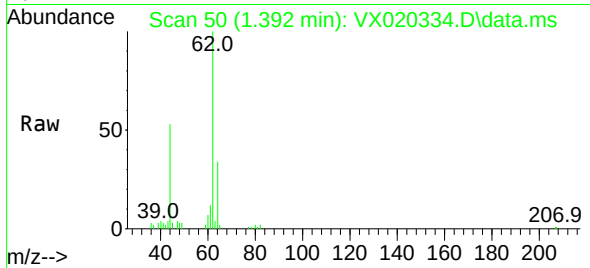




#4
 Vinyl Chloride
 Concen: 1.12 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020334.D
 Acq: 23 Dec 2020 03:56

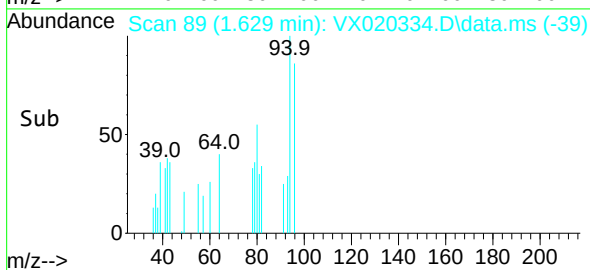
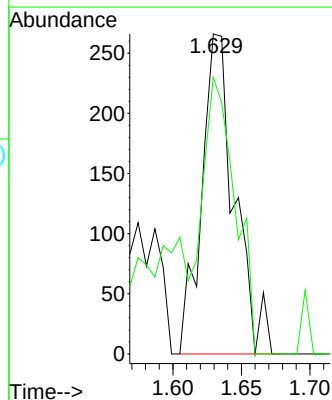
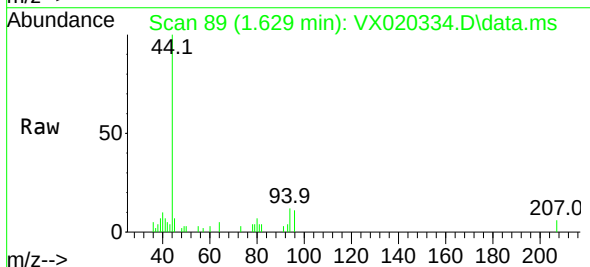
Instrument :
 MSVOA_X
 ClientSampleId :
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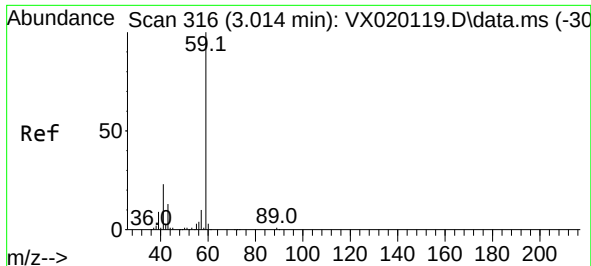
Tgt Ion: 62 Resp: 4123
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.7 38.5



#5
 Bromomethane
 Concen: 0.38 ug/l
 RT: 1.629 min Scan# 89
 Delta R.T. 0.005 min
 Lab File: VX020334.D
 Acq: 23 Dec 2020 03:56

Tgt Ion: 94 Resp: 446
 Ion Ratio Lower Upper
 94 100
 96 86.5 76.4 114.6

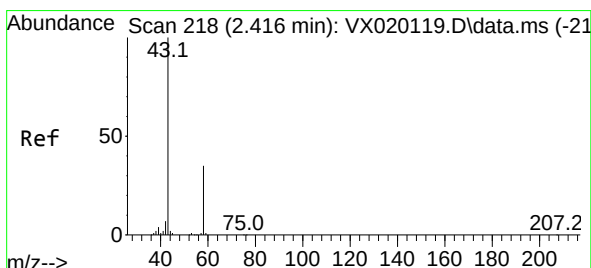
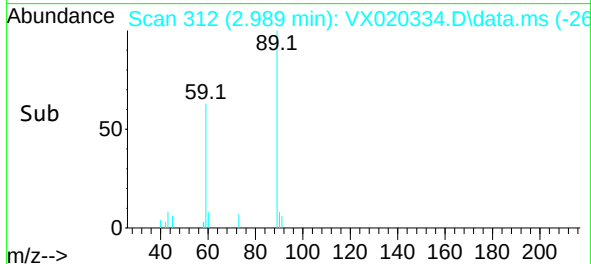
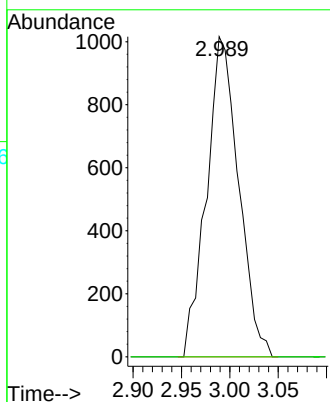
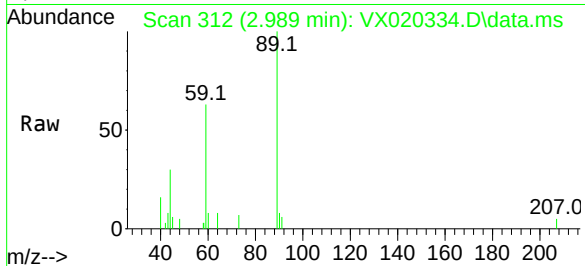




#11
Tert butyl alcohol
Concen: 2.93 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

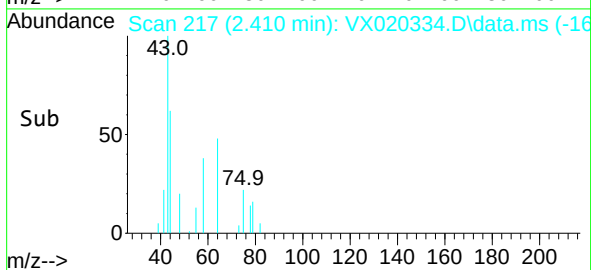
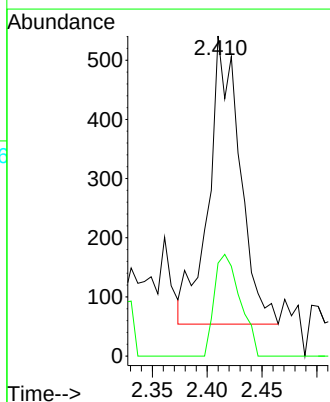
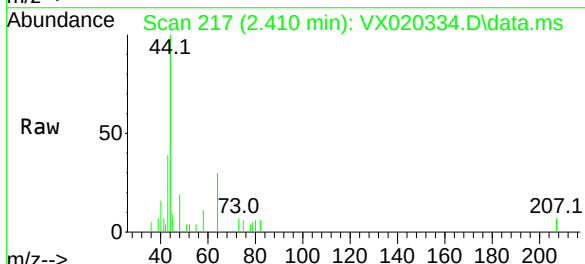
Instrument :
MSVOA_X
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RE131D1-20201211

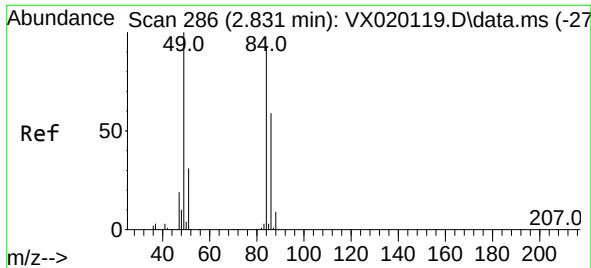
Tgt Ion: 59 Resp: 2347
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.59 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

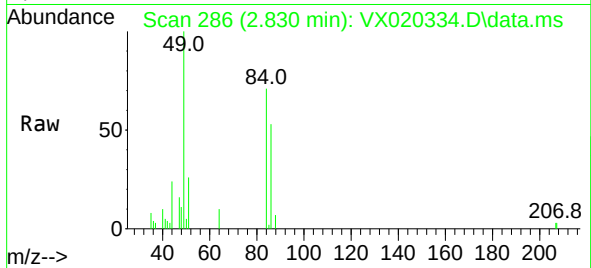
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



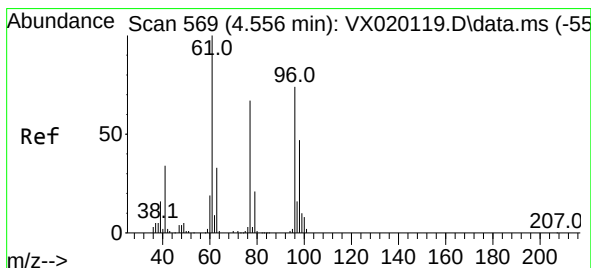
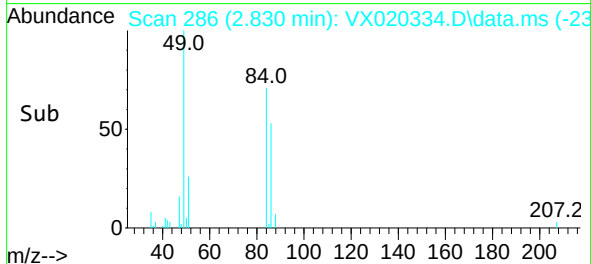
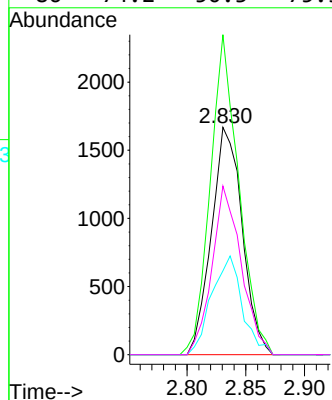


#20
Methylene Chloride
Concen: 0.83 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.001 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211

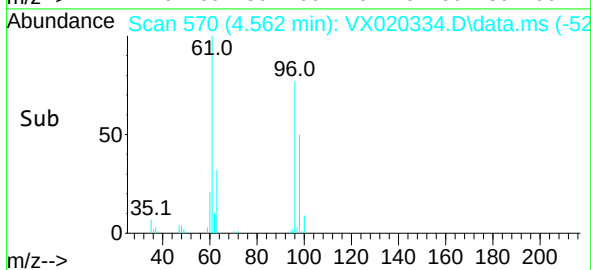
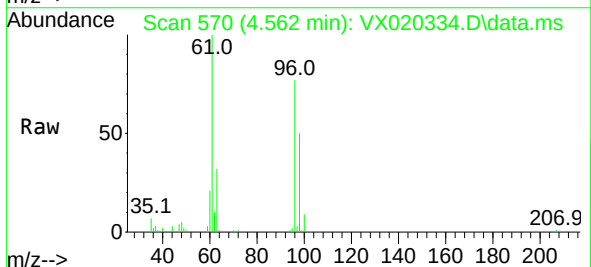
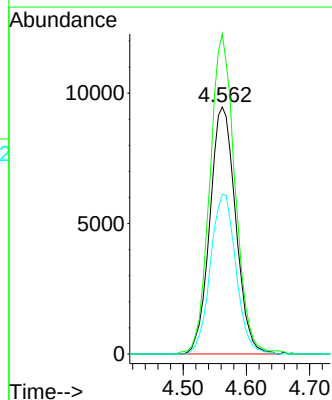


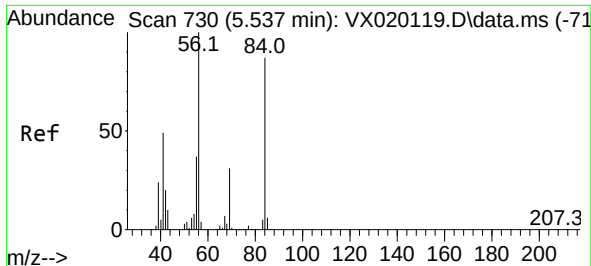
Tgt Ion: 84 Resp: 3040
Ion Ratio Lower Upper
84 100
49 140.8 88.6 132.8#
51 36.9 27.0 40.6
86 74.2 50.3 75.5



#27
cis-1,2-Dichloroethene
Concen: 7.17 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

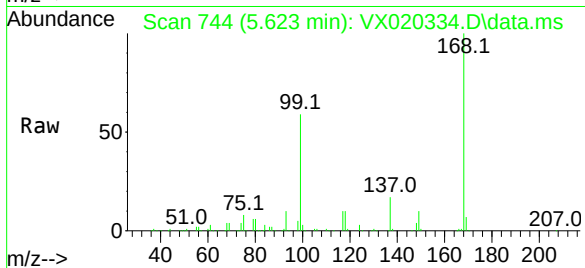
Tgt Ion: 96 Resp: 26814
Ion Ratio Lower Upper
96 100
61 126.3 0.0 285.6
98 64.0 0.0 129.6



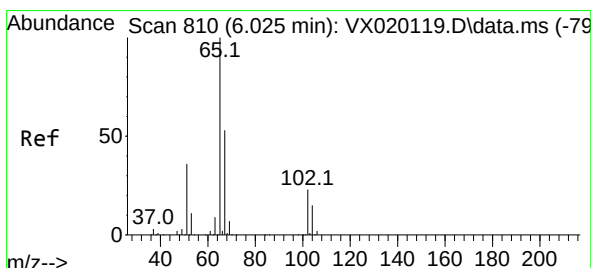
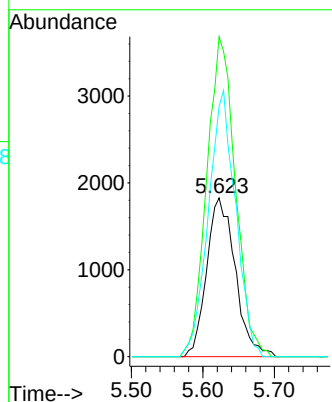
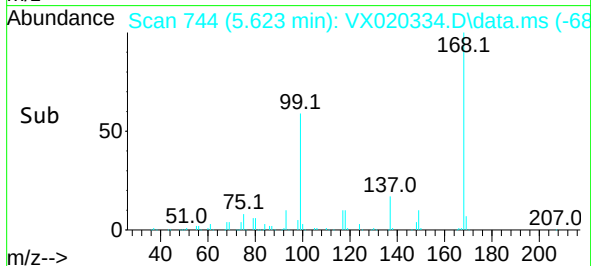


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

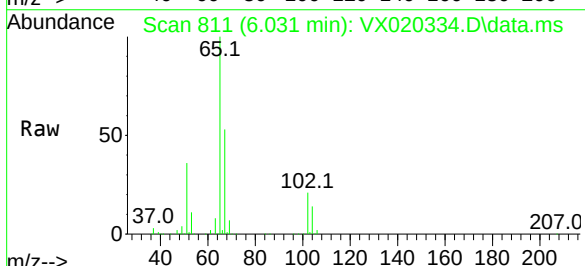
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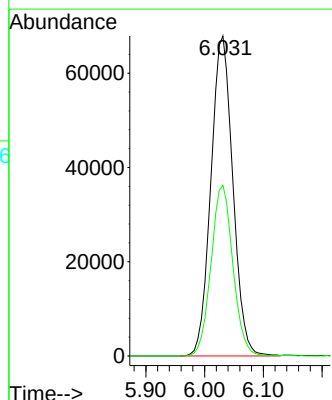
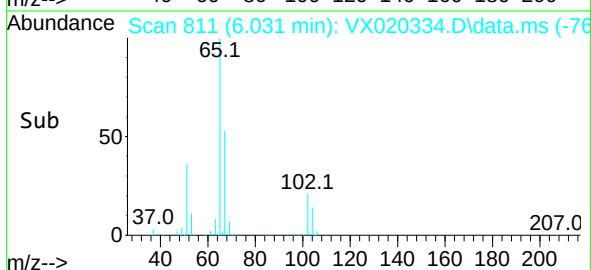
Tgt Ion: 56 Resp: 5079
Ion Ratio Lower Upper
56 100
69 201.6 25.3 37.9#
84 157.7 71.4 107.0#

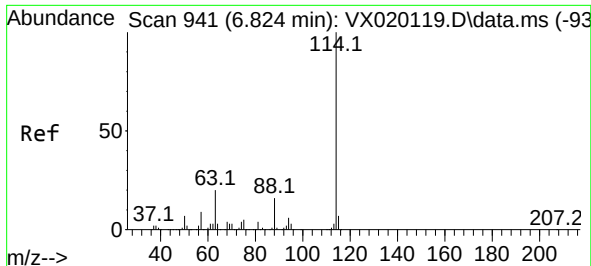


#33
1,2-Dichloroethane-d4
Concen: 49.19 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56



Tgt Ion: 65 Resp: 176142
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

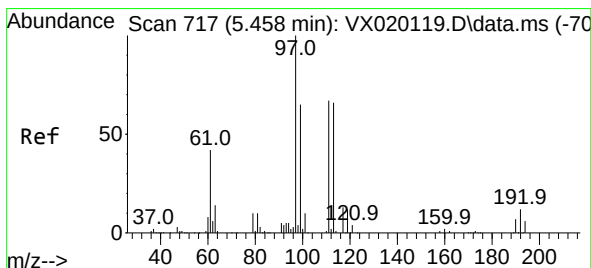
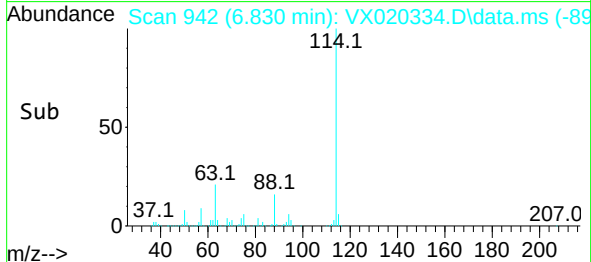
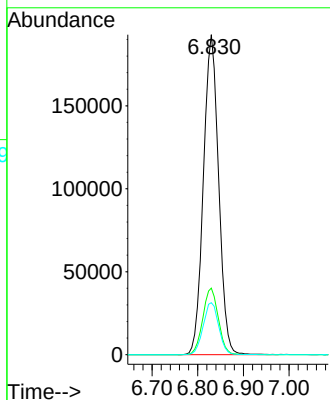
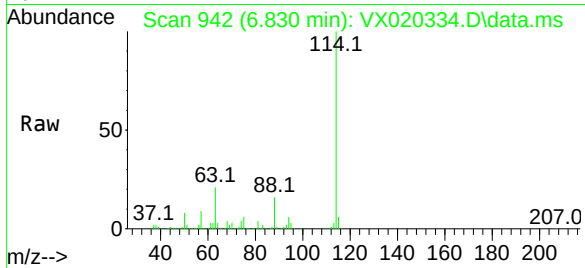




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

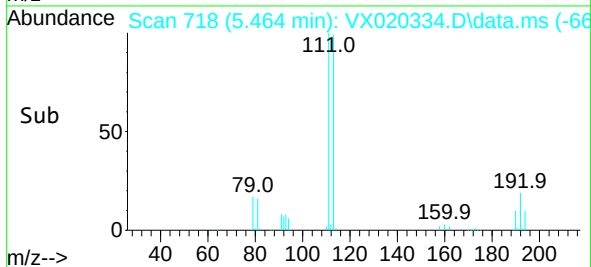
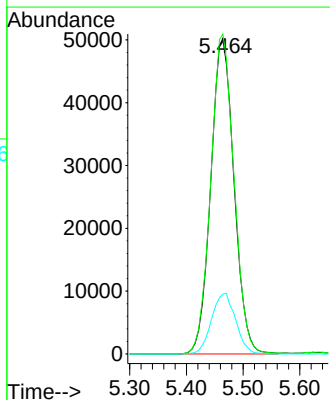
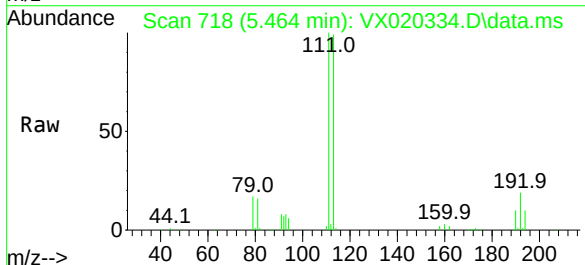
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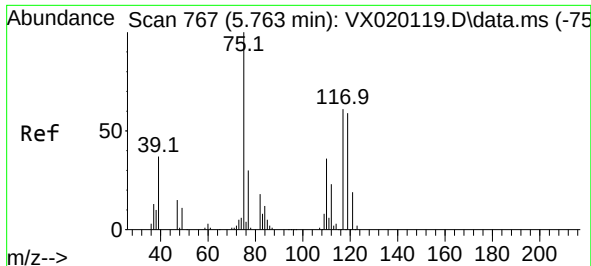
Tgt Ion:114 Resp: 446385
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.04 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

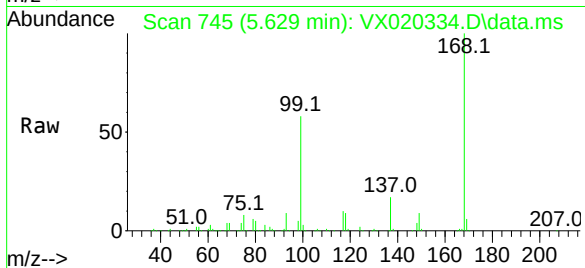
Tgt Ion:113 Resp: 142904
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.9 16.7 25.1



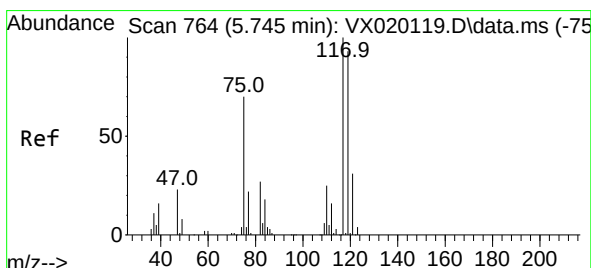
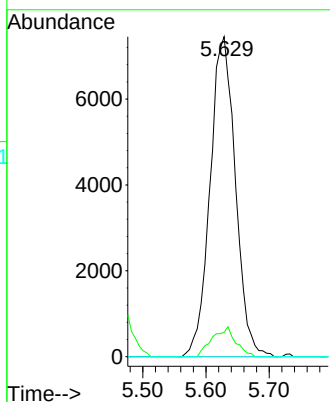
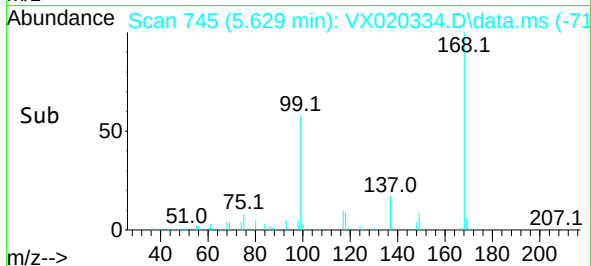


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

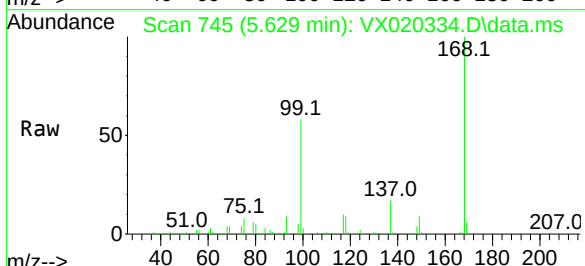
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211



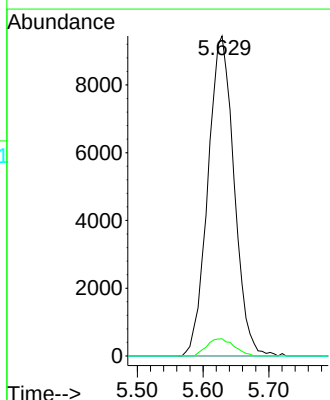
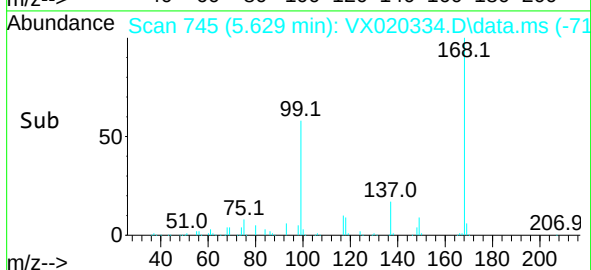
Tgt Ion: 75 Resp: 20749
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

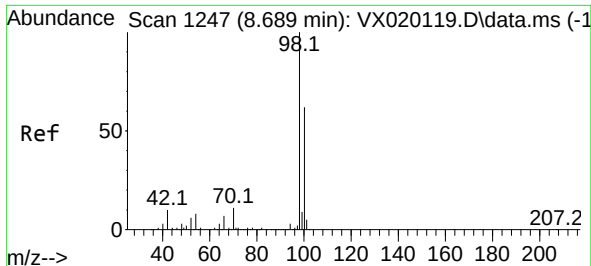


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56



Tgt Ion: 117 Resp: 26191
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

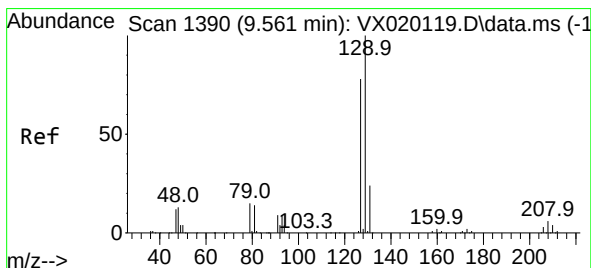
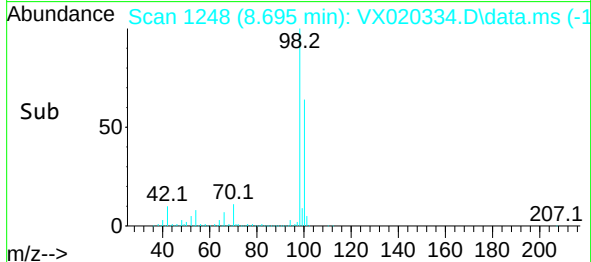
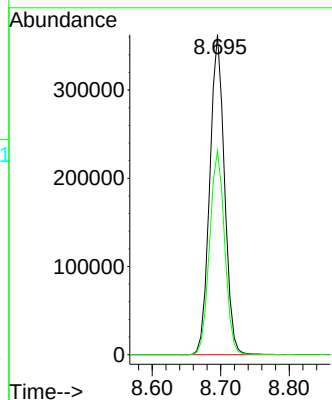
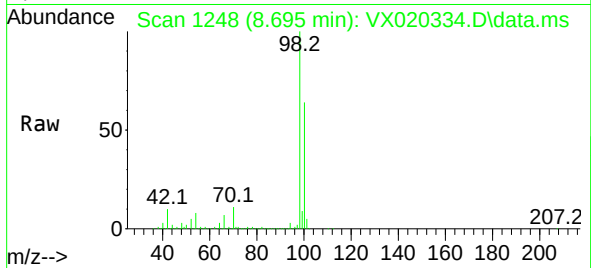




#50
Toluene-d8
Concen: 49.37 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

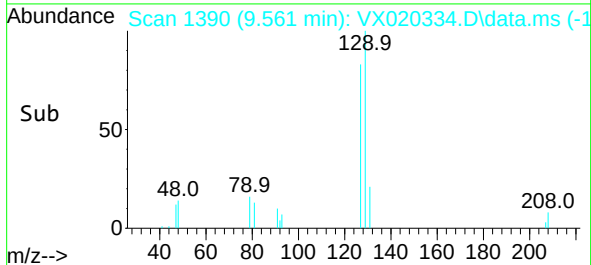
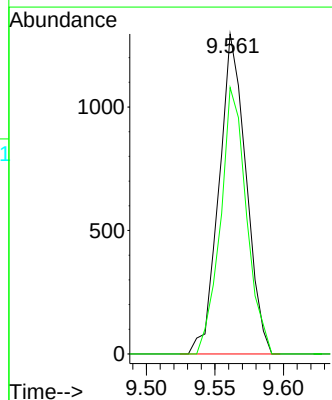
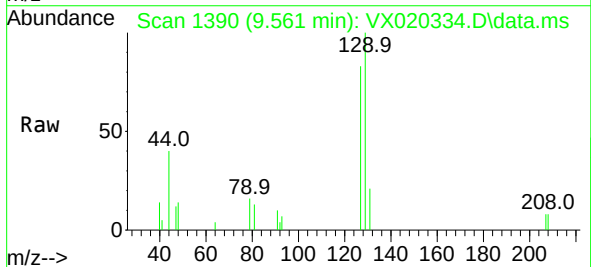
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211

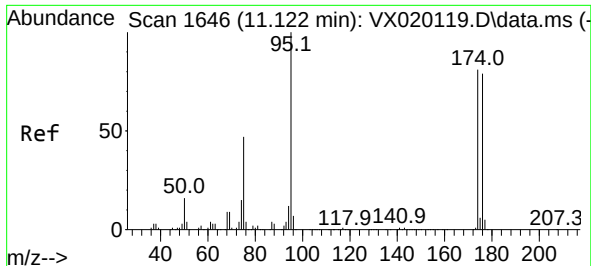
Tgt Ion: 98 Resp: 542673
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#60
Dibromochloromethane
Concen: 0.52 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

Tgt Ion: 129 Resp: 1775
Ion Ratio Lower Upper
129 100
127 80.2 38.4 115.2

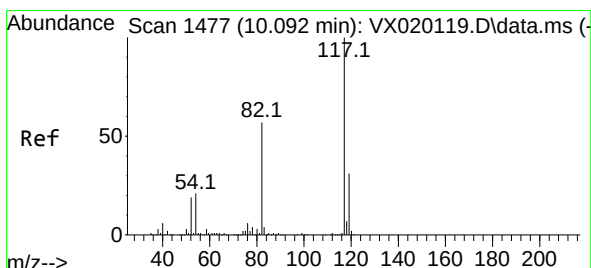
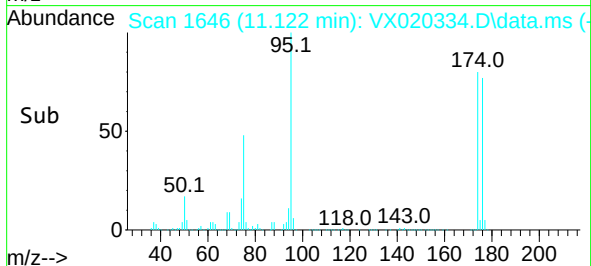
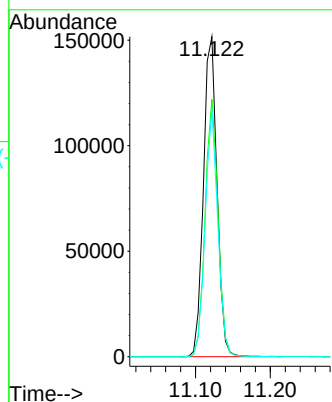
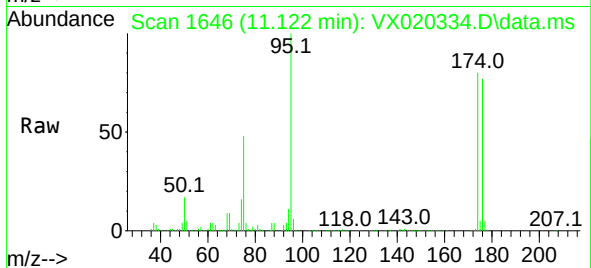




#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

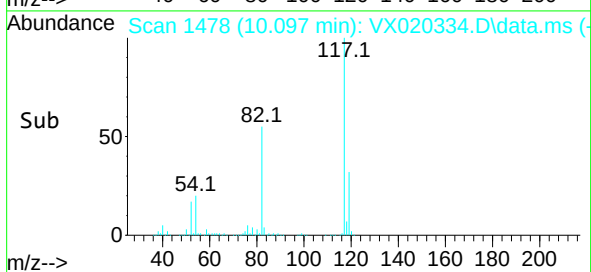
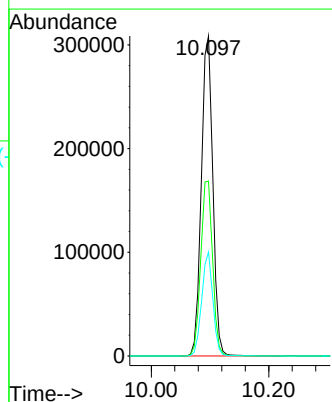
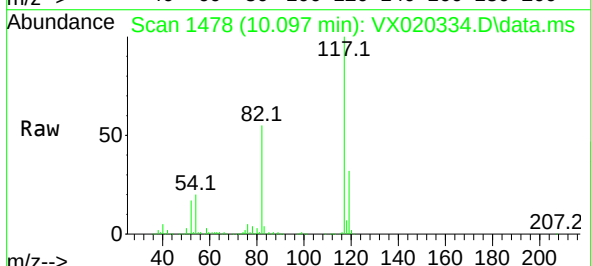
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211

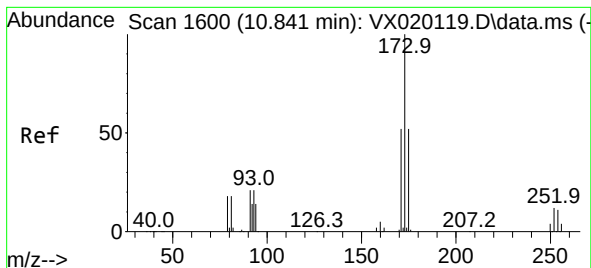
Tgt Ion: 95 Resp: 190848
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 72.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

Tgt Ion: 117 Resp: 419178
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 32.5 26.6 39.8

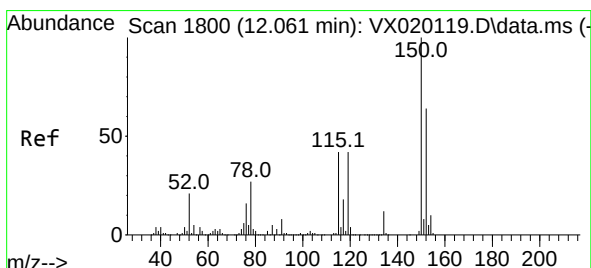
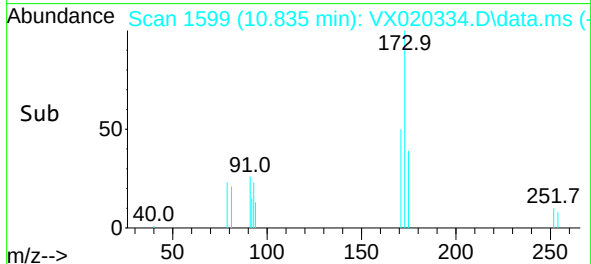
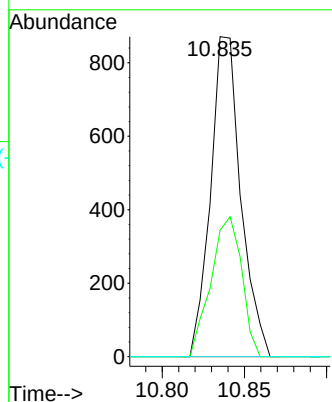
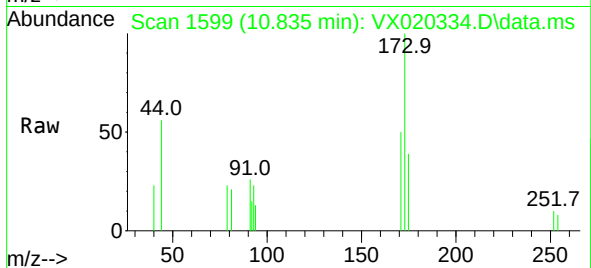




#71
Bromoform
Concen: 0.45 ug/l
RT: 10.835 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

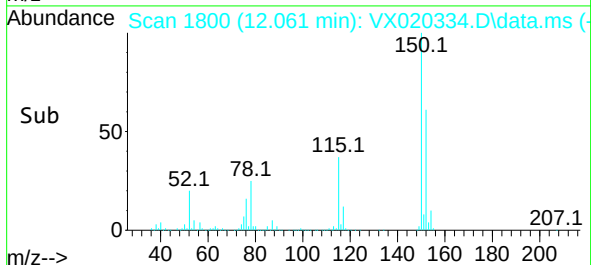
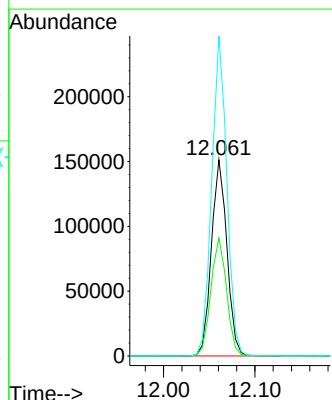
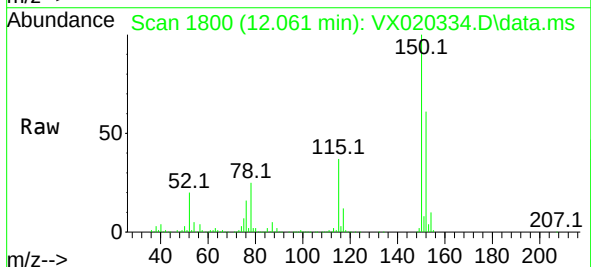
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211

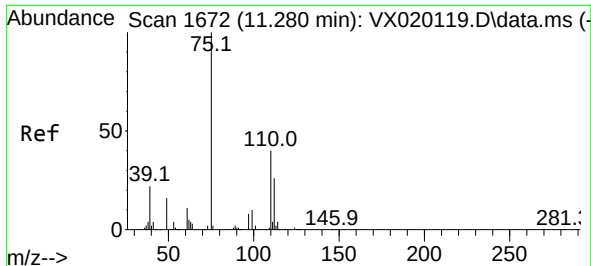
Tgt Ion:173 Resp: 1114
Ion Ratio Lower Upper
173 100
175 44.4 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

Tgt Ion:152 Resp: 178688
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 159.0 0.0 349.0

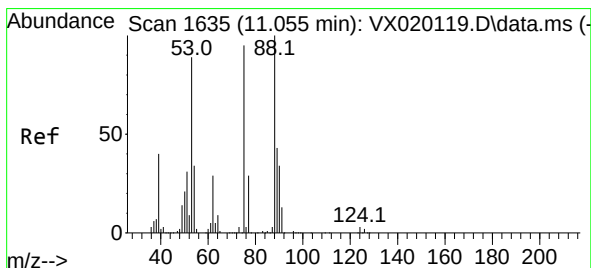
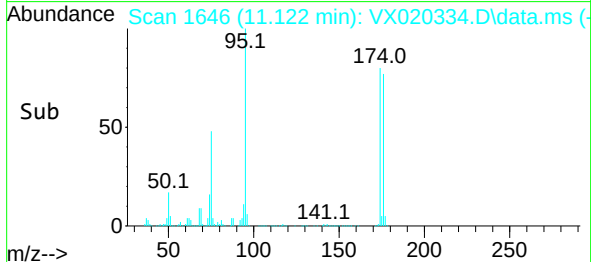
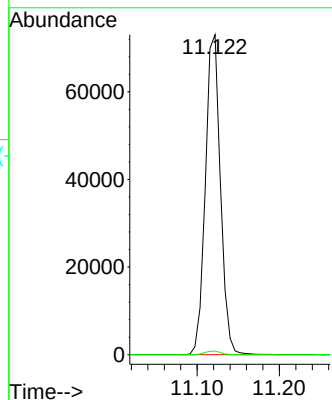
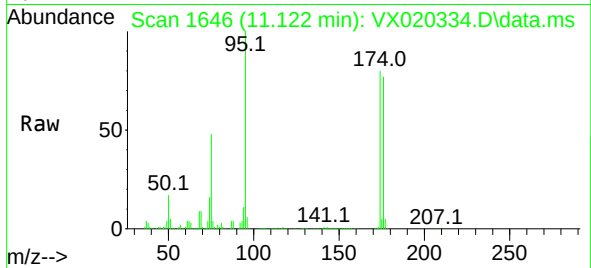




#76
1,2,3-Trichloropropane
Concen: 21.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211

Tgt Ion: 75 Resp: 92930
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020334.D
Acq: 23 Dec 2020 03:56

Tgt Ion: 75 Resp: 92930
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

