

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020323.D
 Acq On : 22 Dec 2020 23:39
 Operator : JC/MD
 Sample : L5123-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20201213

Quant Time: Dec 23 05:04:39 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)

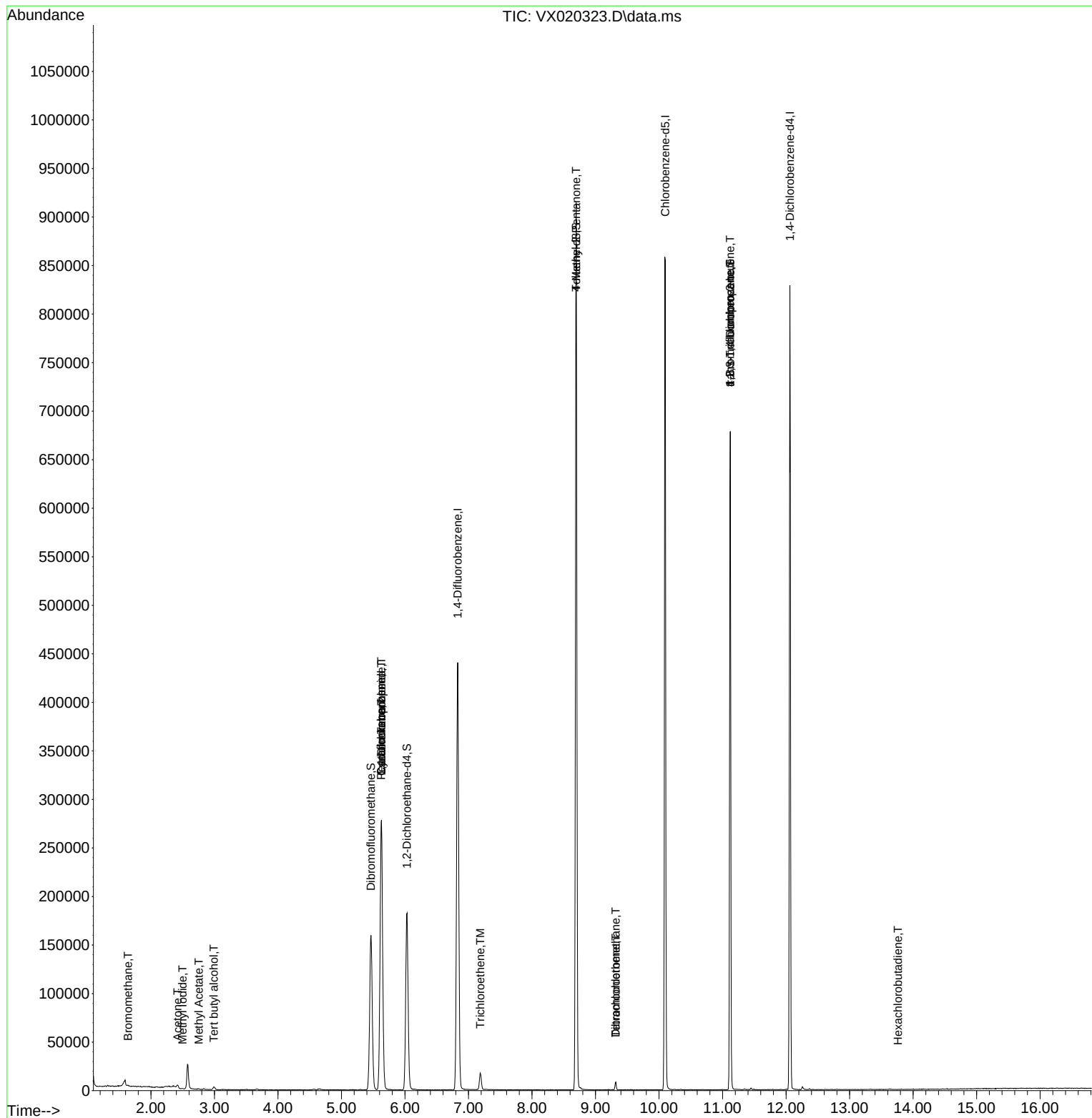
Internal Standards						
1) Pentafluorobenzene	5.623	168	266273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	446359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	411235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	164947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	175758	49.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.48%		
35) Dibromofluoromethane	5.464	113	140319	49.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.28%		
50) Toluene-d8	8.695	98	541700	49.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.58%		
62) 4-Bromofluorobenzene	11.122	95	185148	44.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.02%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	617	0.53	ug/l	96
10) Methyl Iodide	2.495	142	476	3.41	ug/l #	73
11) Tert butyl alcohol	2.989	59	1706	2.13	ug/l #	73
16) Acetone	2.416	43	3821	2.35	ug/l	92
18) Methyl Acetate	2.751	43	799	0.22	ug/l #	83
31) Cyclohexane	5.629	56	5280	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21023	4.77	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26314	6.27	ug/l #	18
44) Trichloroethene	7.184	130	6673	1.88	ug/l	95
51) 4-Methyl-2-Pentanone	8.695	43	2239	0.50	ug/l #	1
60) Dibromochloromethane	9.317	129	1347	0.39	ug/l #	11
64) Tetrachloroethene	9.317	164	1531	0.49	ug/l #	88
76) 1,2,3-Trichloropropane	11.122	75	90057	22.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90057	65.76	ug/l #	12
94) Hexachlorobutadiene	13.762	225	19	2.66	ug/l #	19

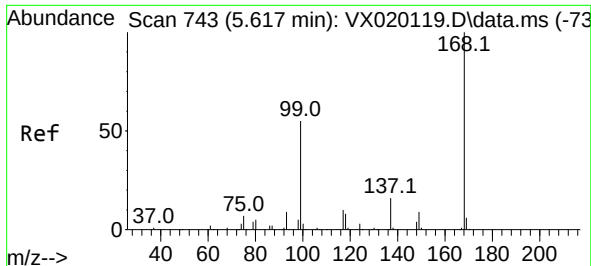
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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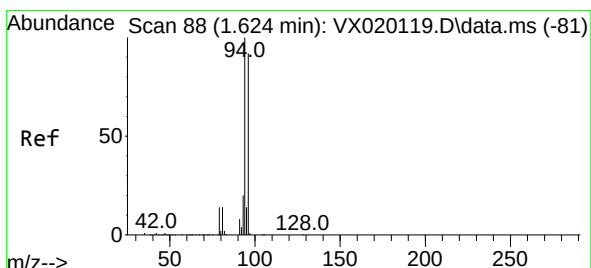
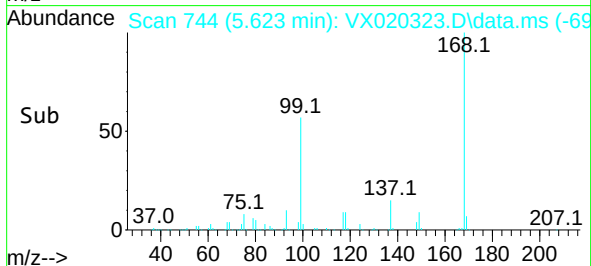
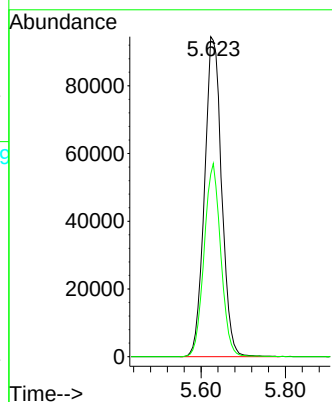
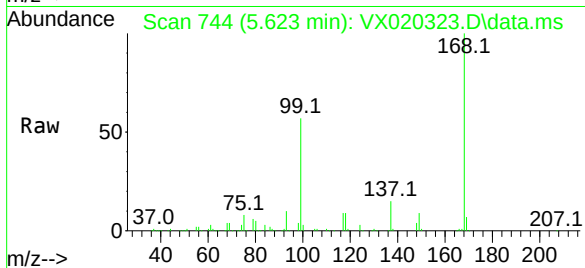




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

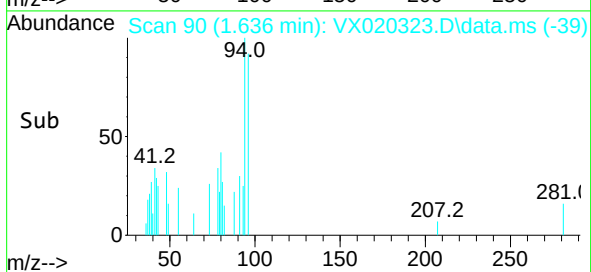
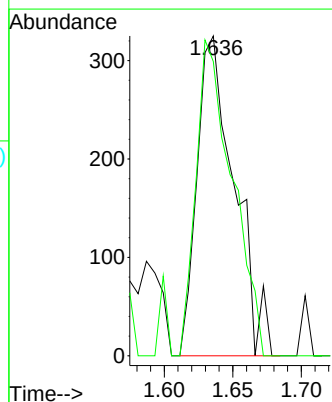
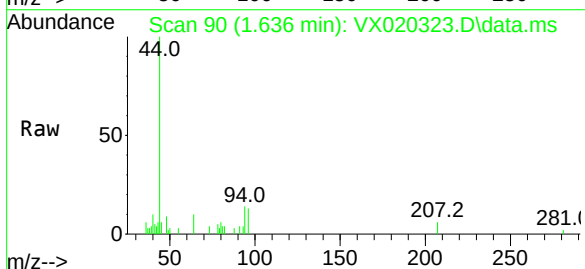
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ClientSampleId :
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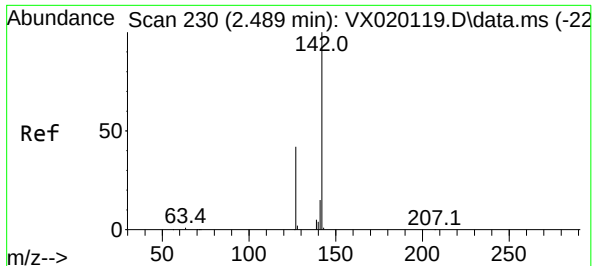
Tgt Ion:168 Resp: 266273
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

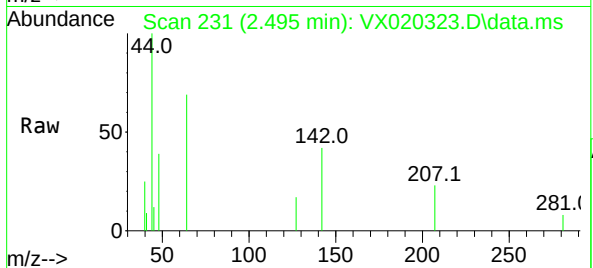
Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 92.0 76.4 114.6



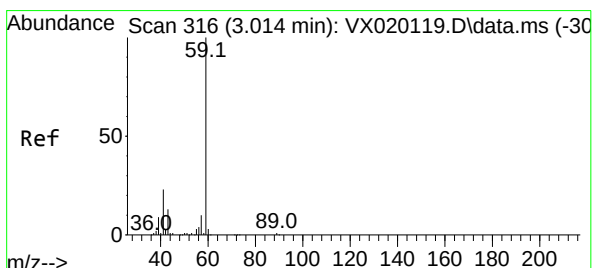
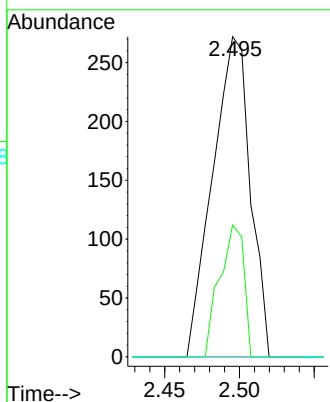
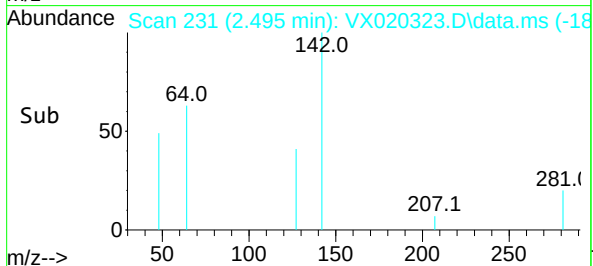


#10
Methyl Iodide
Concen: 3.41 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

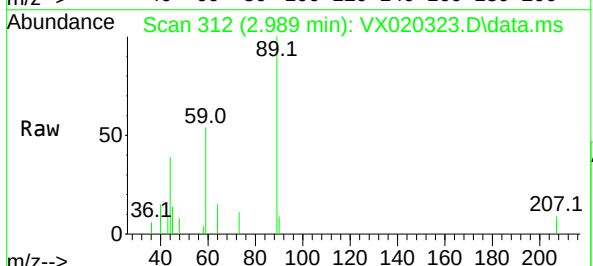
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MSVOA_X
ClientSampleId :
MW201D1-20201213



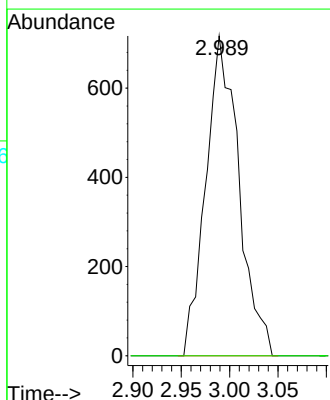
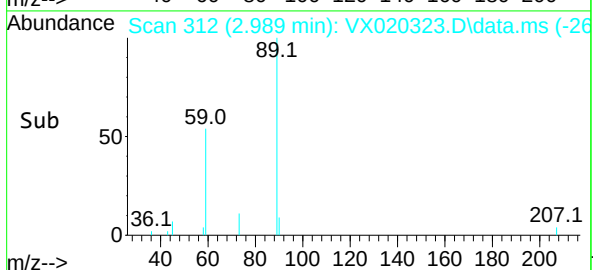
Tgt Ion:142 Resp: 476
Ion Ratio Lower Upper
142 100
127 26.5 33.3 49.9#
141 0.0 11.4 17.0#

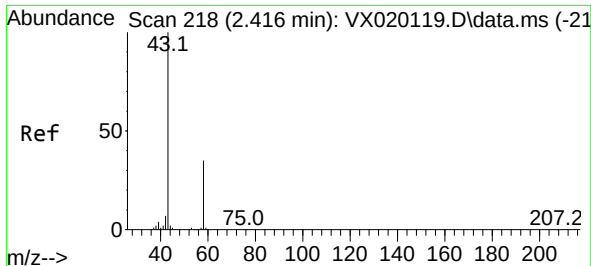


#11
Tert butyl alcohol
Concen: 2.13 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39



Tgt Ion: 59 Resp: 1706
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

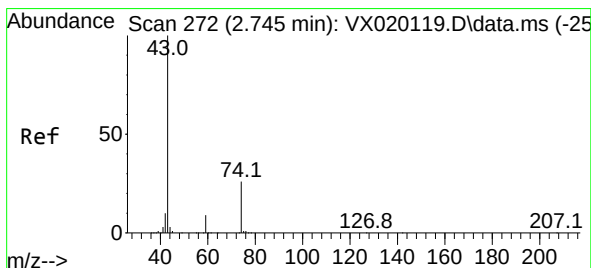
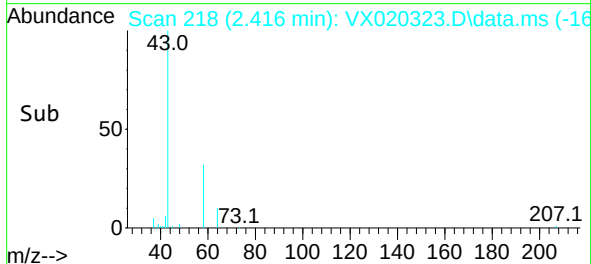
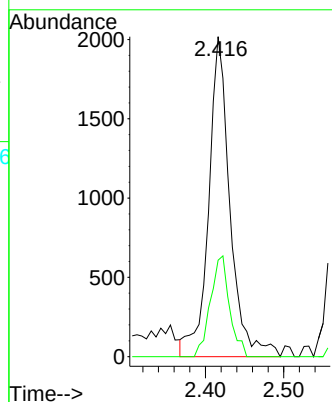
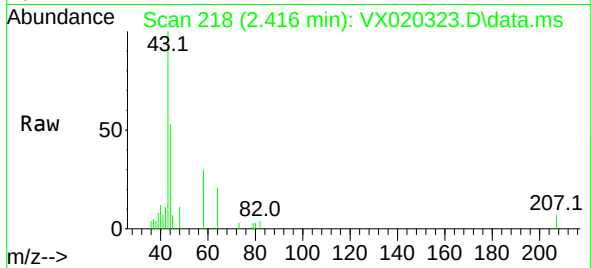




#16
Acetone
Concen: 2.35 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

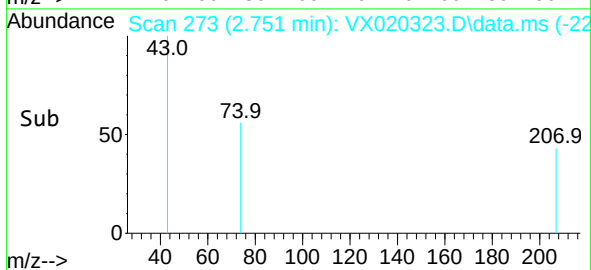
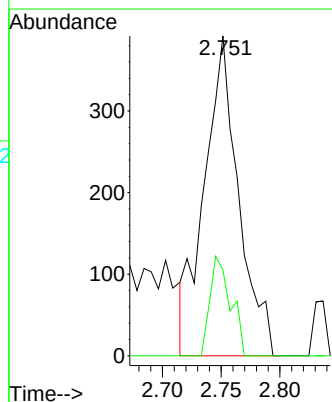
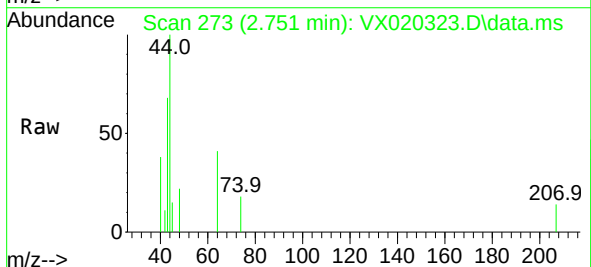
Instrument :
MSVOA_X
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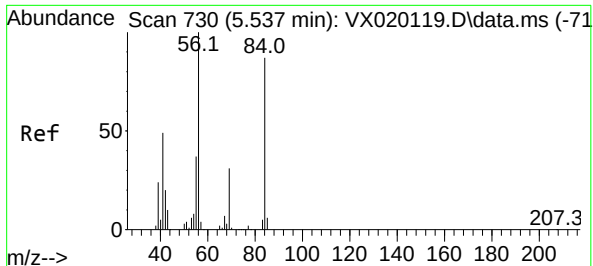
Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

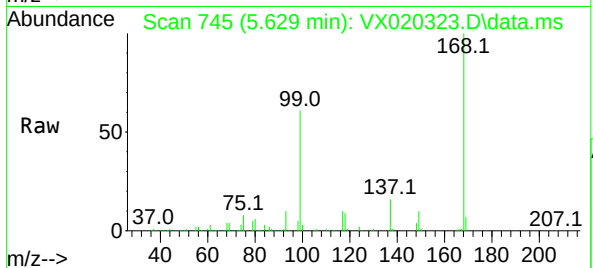
Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
74 18.6 21.9 32.9#



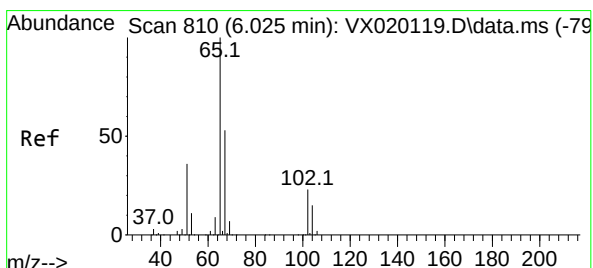
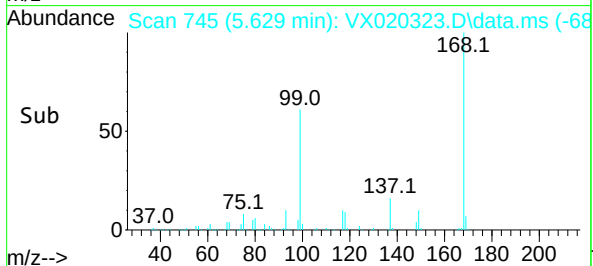
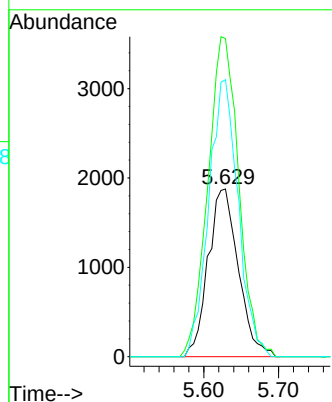


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20201213

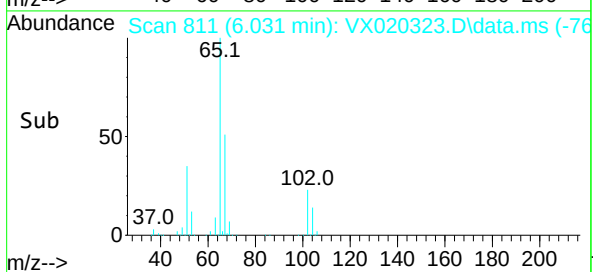
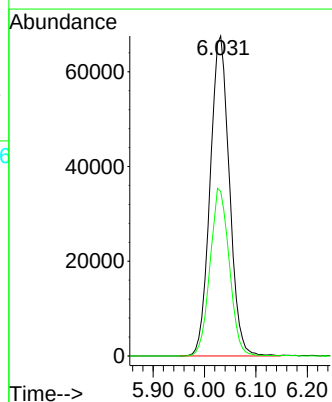
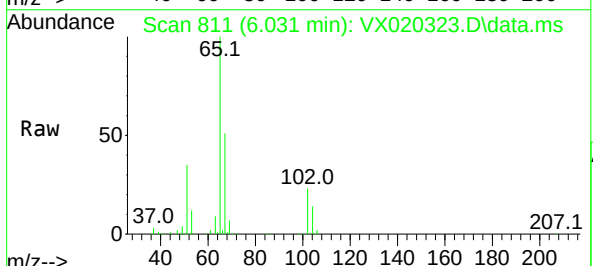


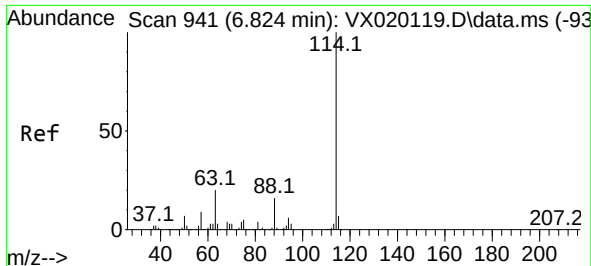
Tgt Ion: 56 Resp: 5280
Ion Ratio Lower Upper
56 100
69 189.7 25.3 37.9#
84 165.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.24 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

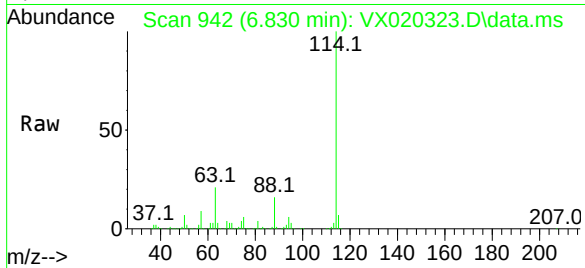
Tgt Ion: 65 Resp: 175758
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4



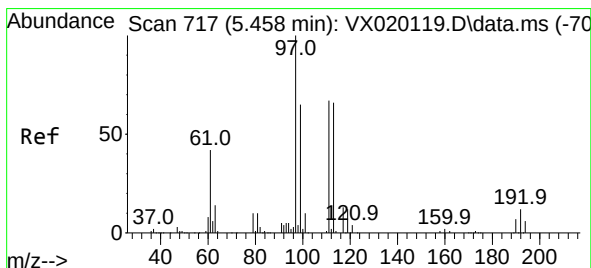
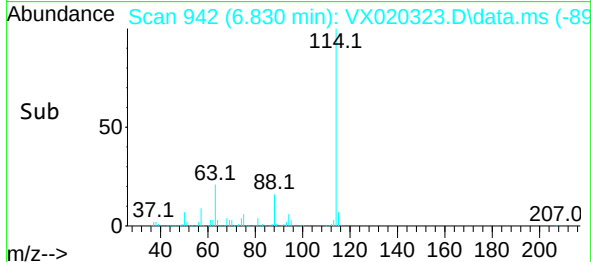
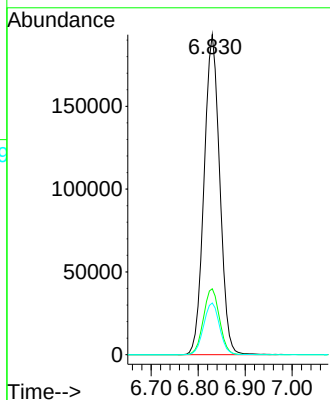


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

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MW201D1-20201213

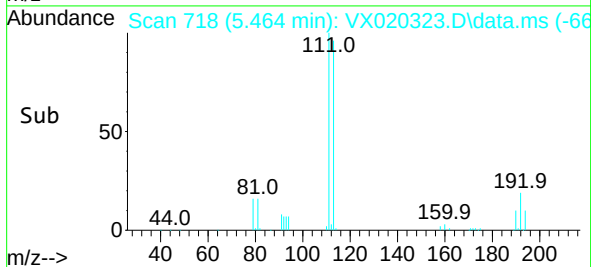
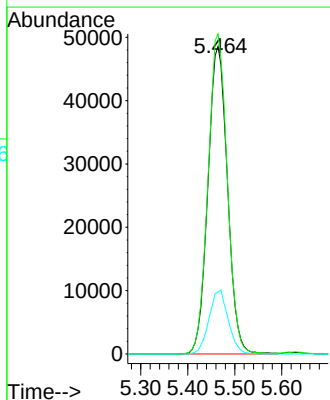
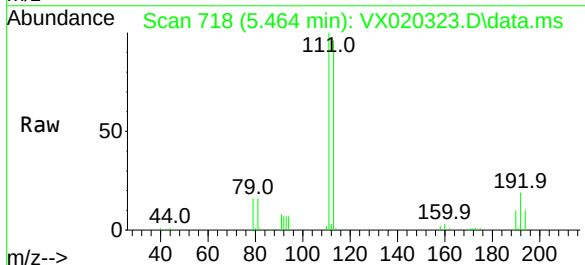


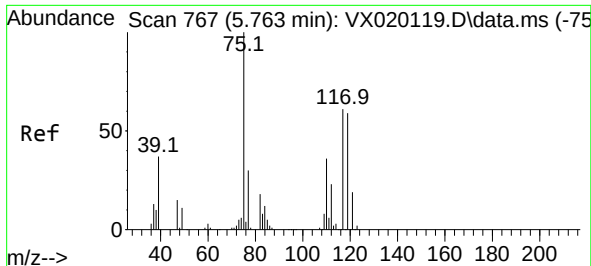
Tgt Ion:114 Resp: 446359
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.14 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Tgt Ion:113 Resp: 140319
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.4 16.7 25.1

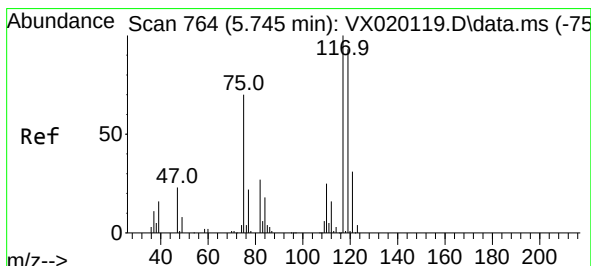
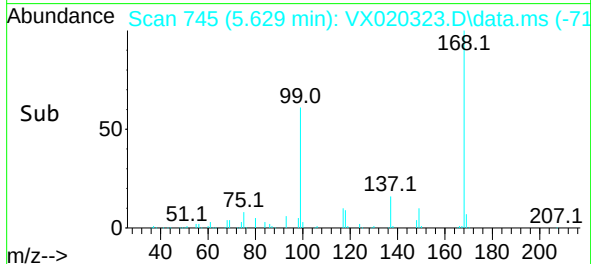
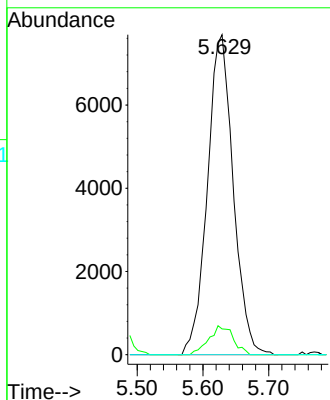
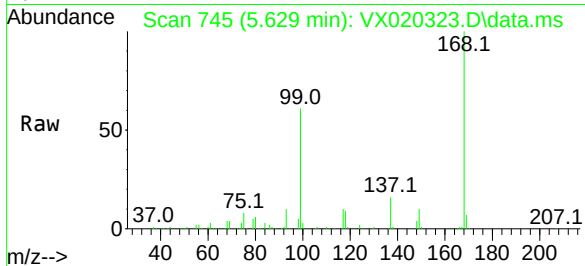




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

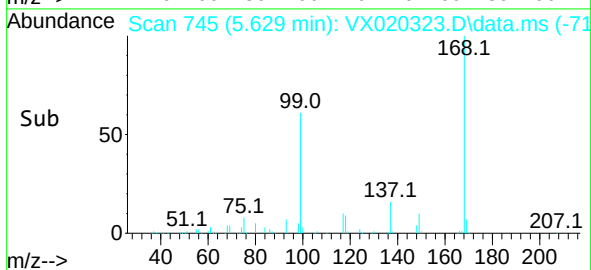
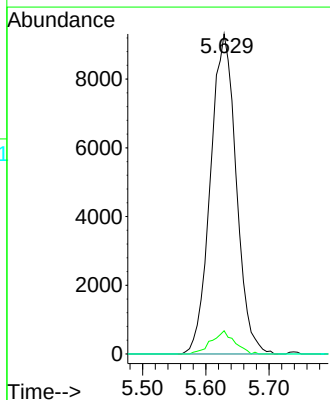
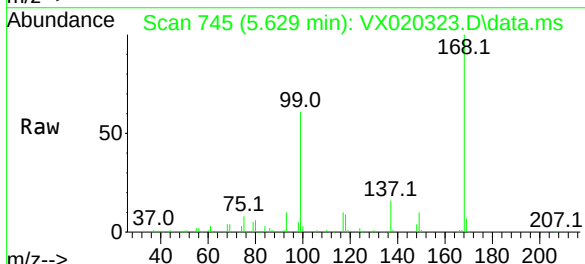
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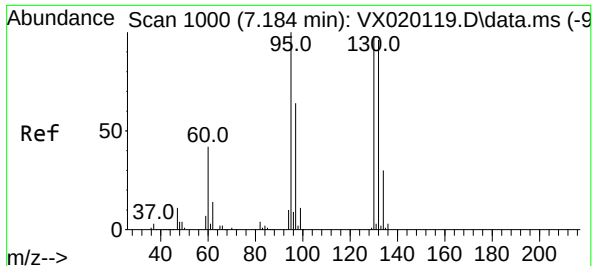
Tgt Ion: 75 Resp: 21023
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Tgt Ion: 117 Resp: 26314
Ion Ratio Lower Upper
117 100
119 7.3 76.2 114.2#
121 0.0 24.8 37.2#

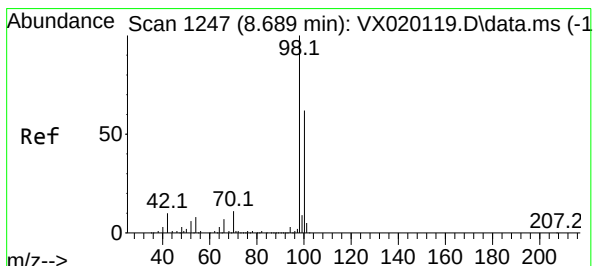
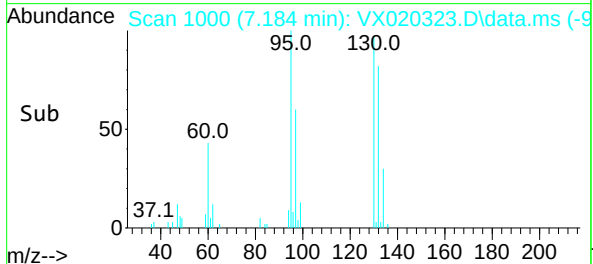
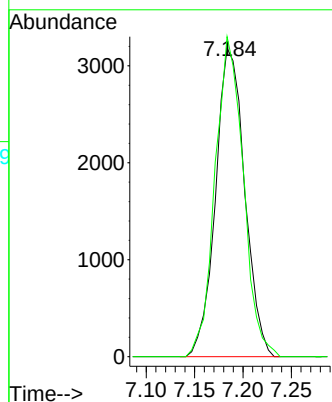
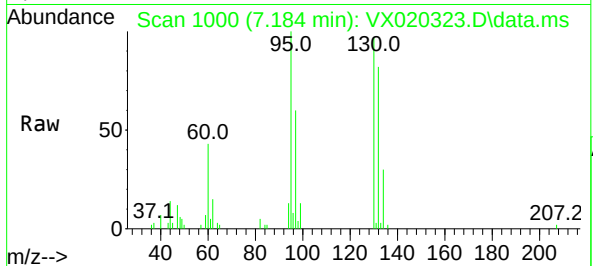




#44
Trichloroethene
Concen: 1.88 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

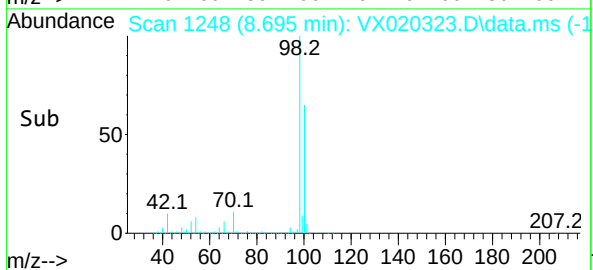
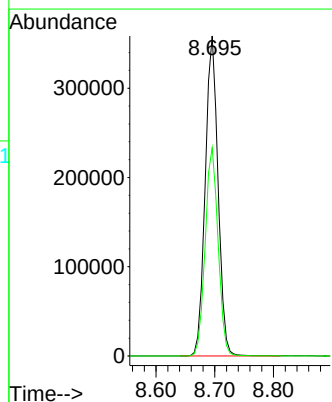
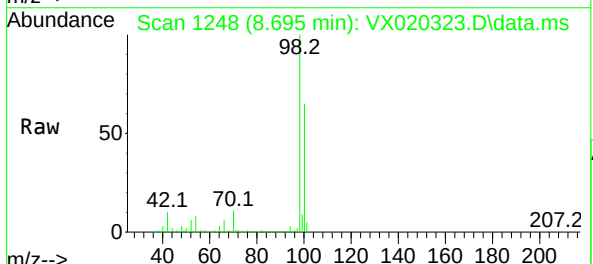
Instrument :
MSVOA_X
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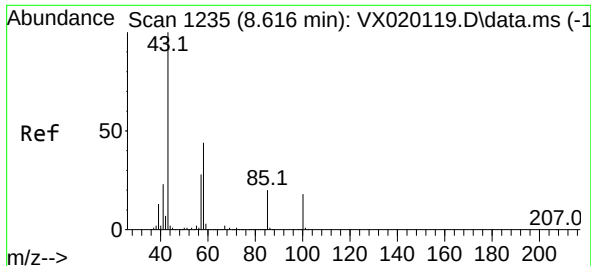
Tgt Ion:130 Resp: 6673
Ion Ratio Lower Upper
130 100
95 103.6 0.0 198.0



#50
Toluene-d8
Concen: 49.29 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Tgt Ion: 98 Resp: 541700
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

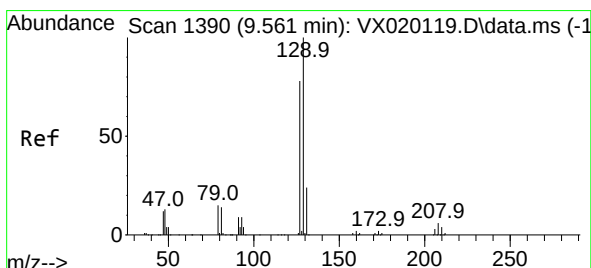
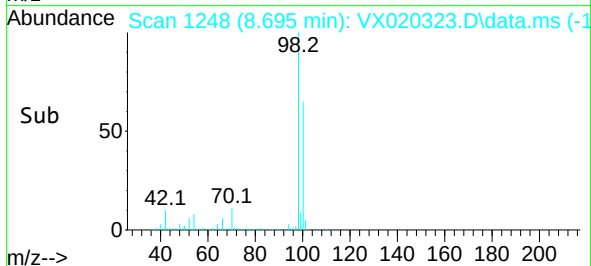
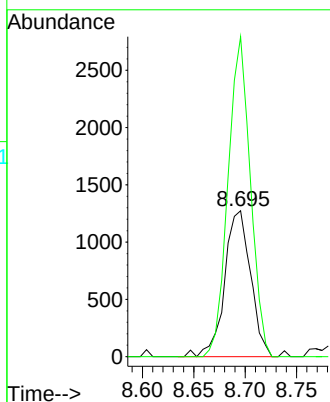
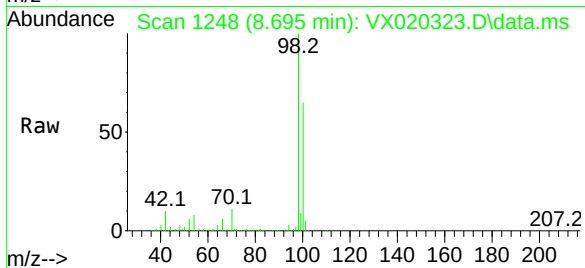




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

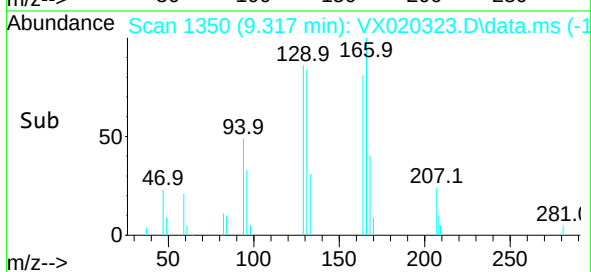
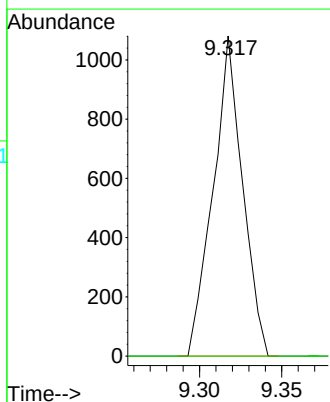
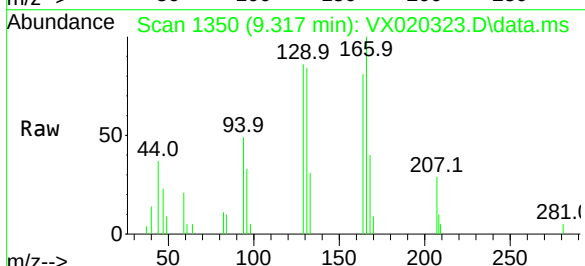
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20201213

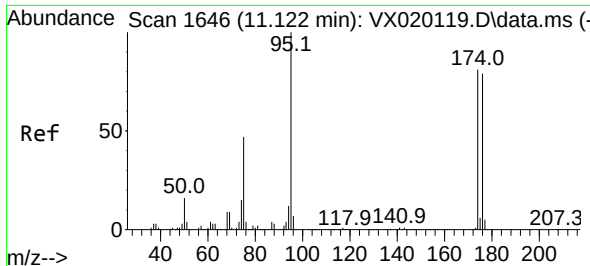
Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
58 188.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 0.39 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Tgt Ion: 129 Resp: 1347
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

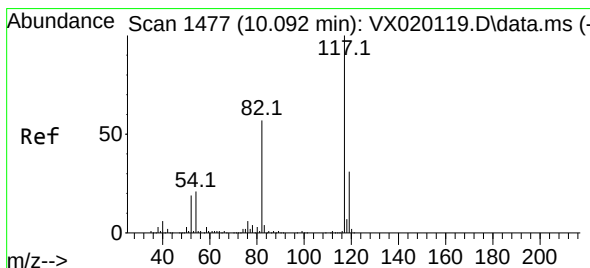
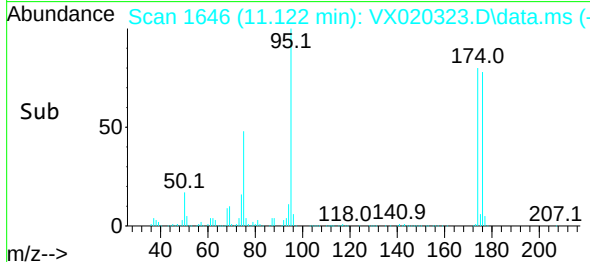
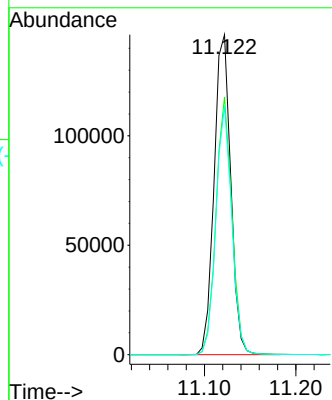
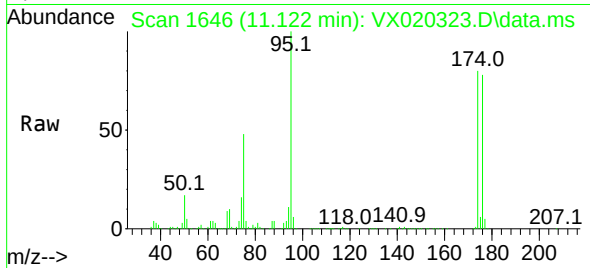




#62
4-Bromofluorobenzene
Concen: 44.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

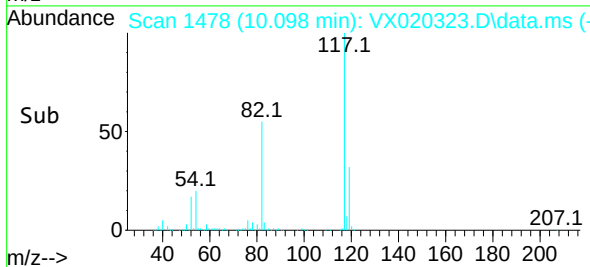
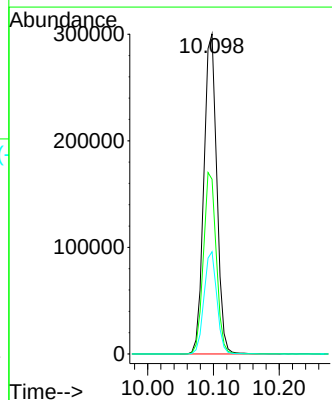
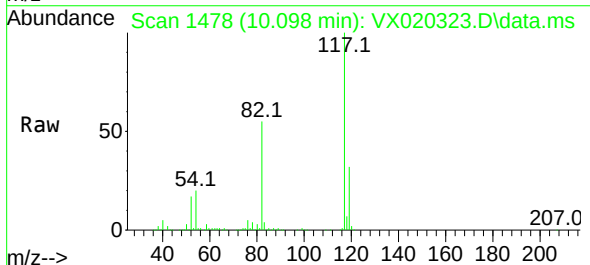
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20201213

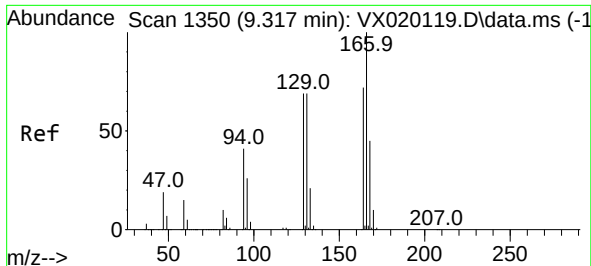
Tgt Ion: 95 Resp: 185148
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Tgt Ion: 117 Resp: 411235
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 31.9 26.6 39.8



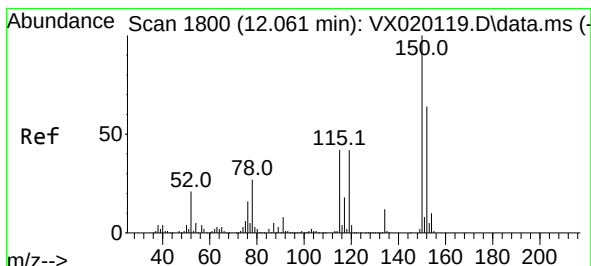
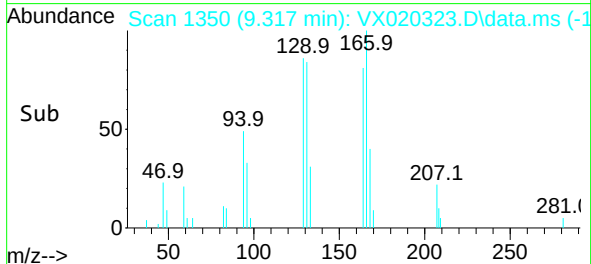
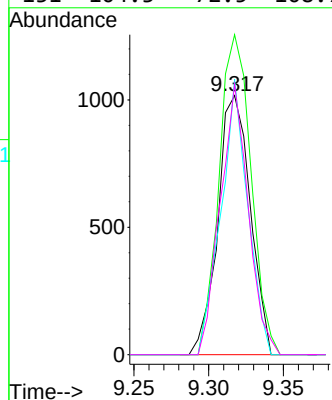
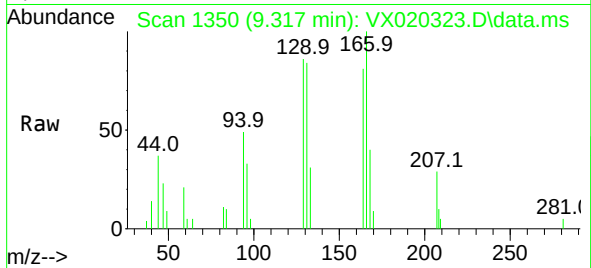


#64
Tetrachloroethene
Concen: 0.49 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20201213

Tgt Ion:164 Resp: 1531

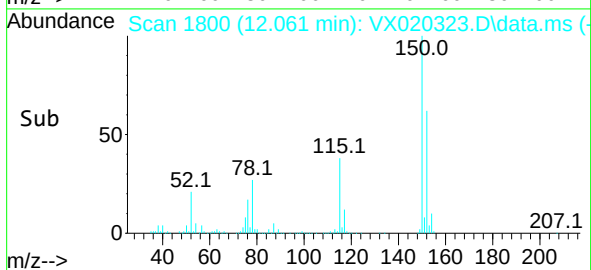
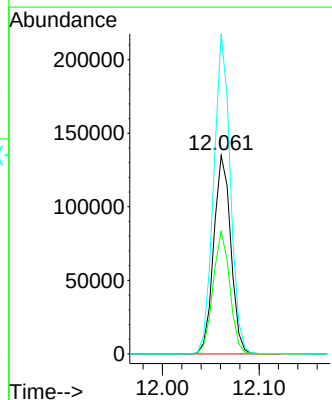
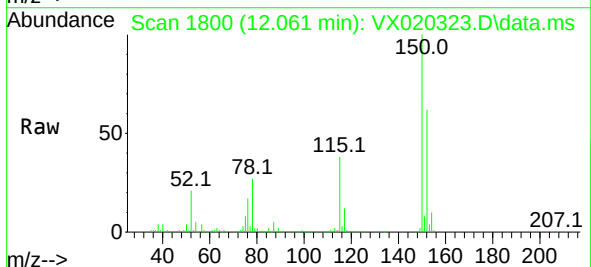
Ion	Ratio	Lower	Upper
164	100		
166	123.5	103.4	155.2
129	106.3	70.8	106.2#
131	104.3	72.5	108.7

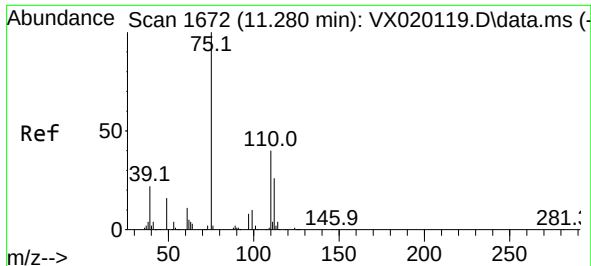


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

Tgt Ion:152 Resp: 164947

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	157.3	0.0	349.0

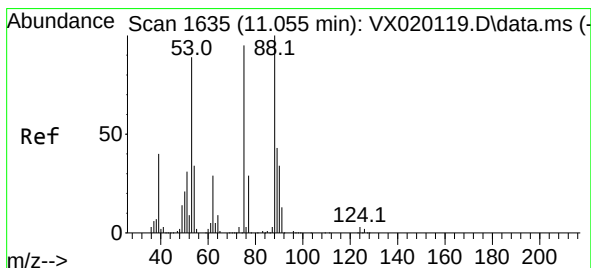
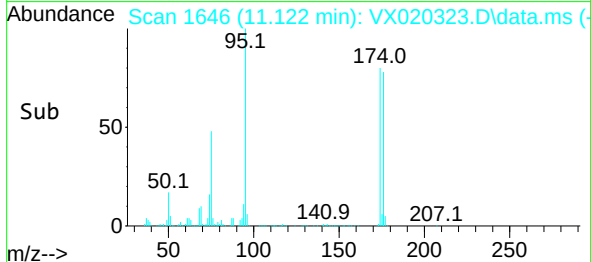
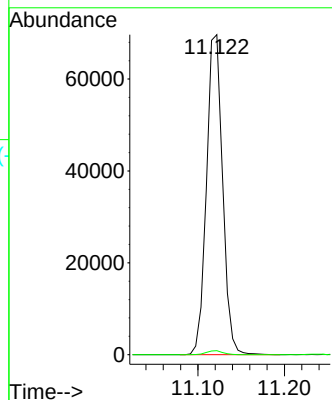
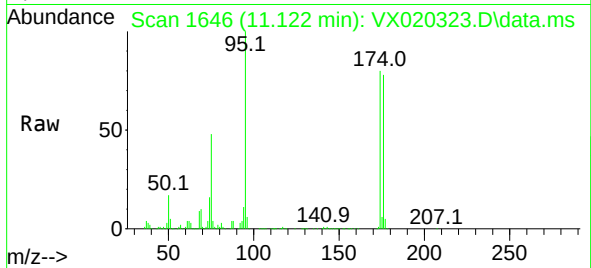




#76
1,2,3-Trichloropropane
Concen: 22.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

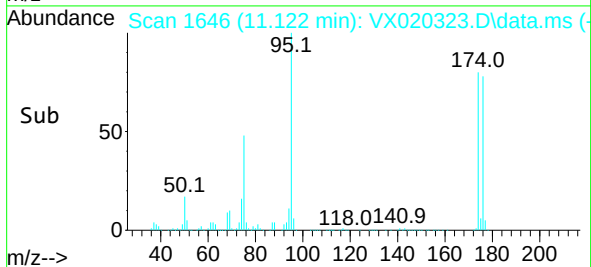
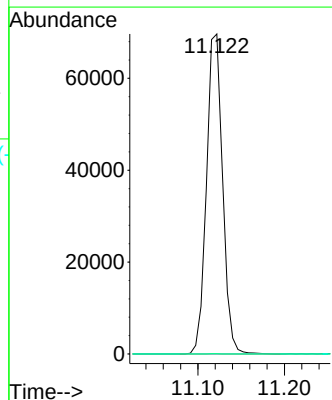
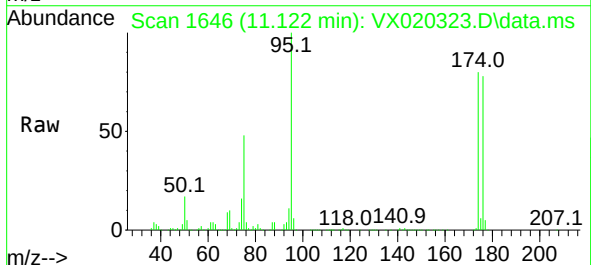
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20201213

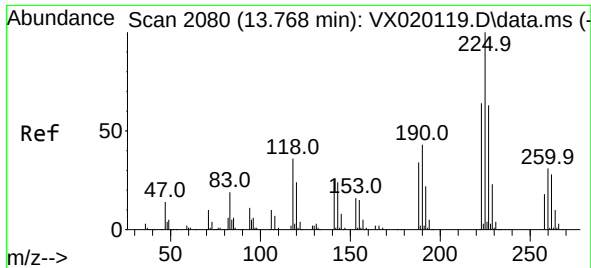
Tgt Ion: 75 Resp: 90057
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020323.D
Acq: 22 Dec 2020 23:39

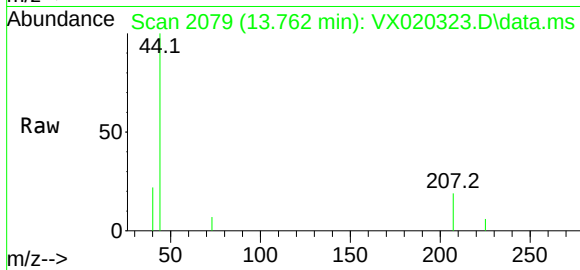
Tgt Ion: 75 Resp: 90057
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.66 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020323.D
 Acq: 22 Dec 2020 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20201213



Tgt Ion:225 Resp: 19
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 0.0 31.6 95.0#

