

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020207.D
 Acq On : 20 Dec 2020 05:56
 Operator : JC/MD
 Sample : L5095-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5084-121420

Quant Time: Dec 21 02:44:51 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)

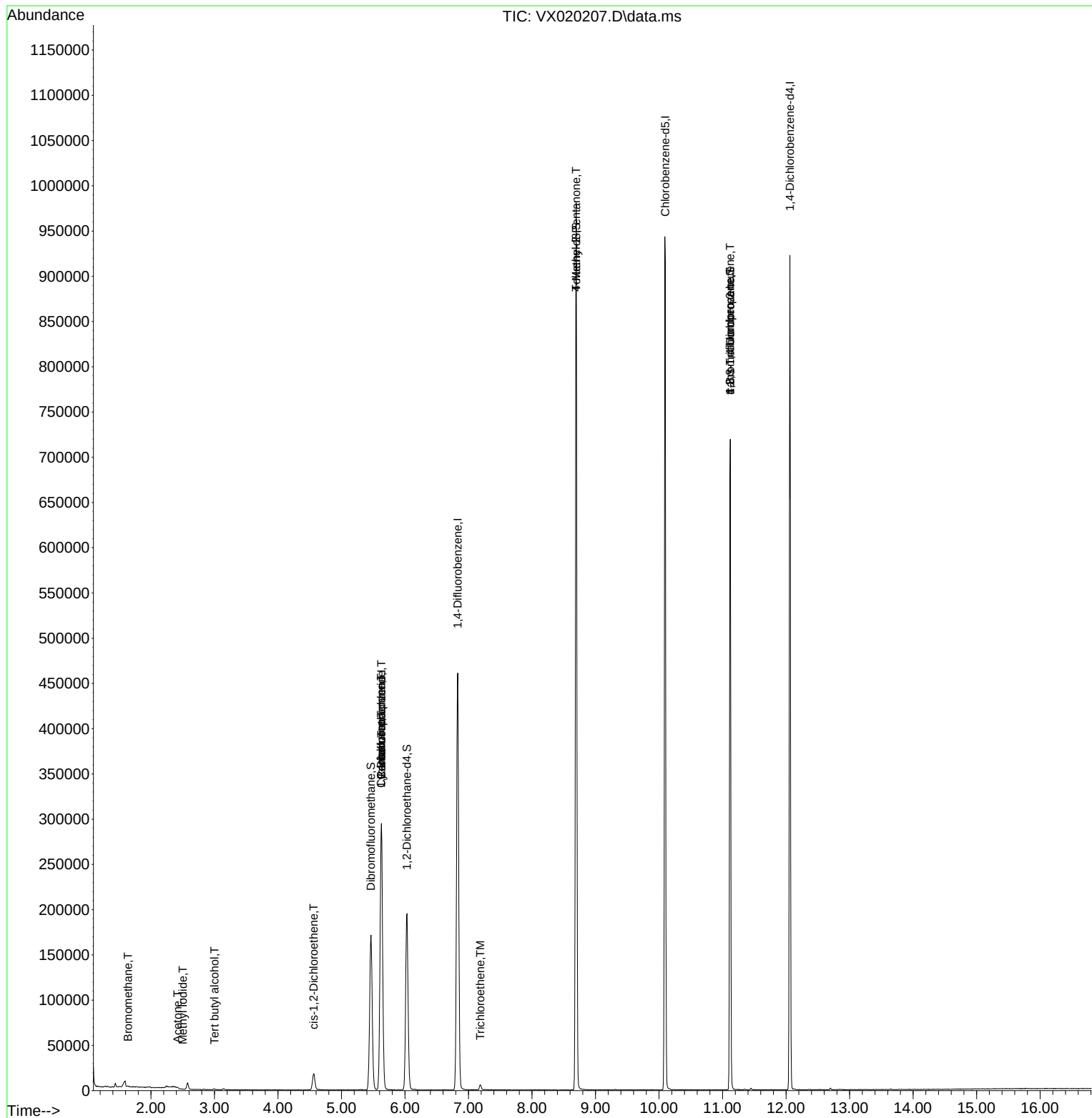
Internal Standards						
1) Pentafluorobenzene	5.629	168	281087	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	469548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	437517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	182970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	186719	49.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.12%		
35) Dibromofluoromethane	5.464	113	148989	49.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.20%		
50) Toluene-d8	8.696	98	573746	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.24%		
62) 4-Bromofluorobenzene	11.122	95	198302	44.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.62%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	608	0.49	ug/l	94
10) Methyl Iodide	2.502	142	205	3.34	ug/l #	53
11) Tert butyl alcohol	3.002	59	722	0.86	ug/l #	73
16) Acetone	2.416	43	1825	1.06	ug/l	94
27) cis-1,2-Dichloroethene	4.562	96	11814	3.00	ug/l	93
31) Cyclohexane	5.623	56	5497	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21858	4.71	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27909	6.32	ug/l #	17
44) Trichloroethene	7.184	130	2087	0.56	ug/l	96
51) 4-Methyl-2-Pentanone	8.696	43	2381	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	95805	21.26	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	95805	63.06	ug/l #	12

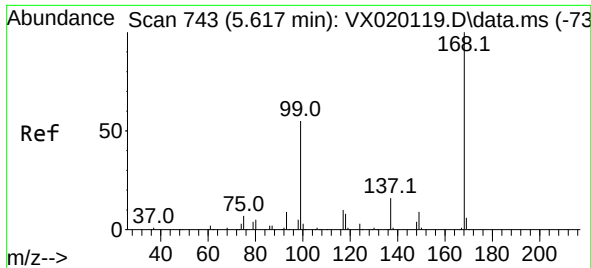
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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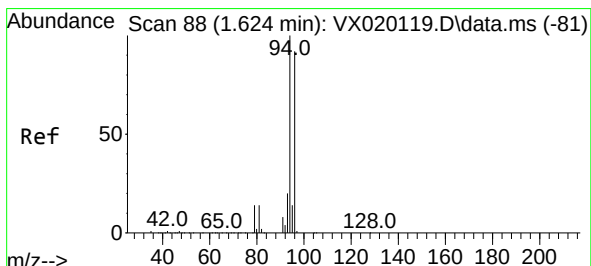
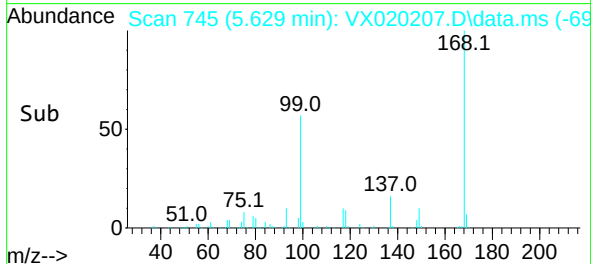
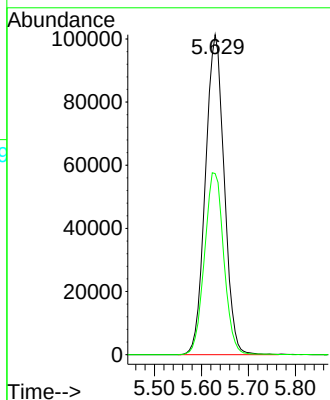
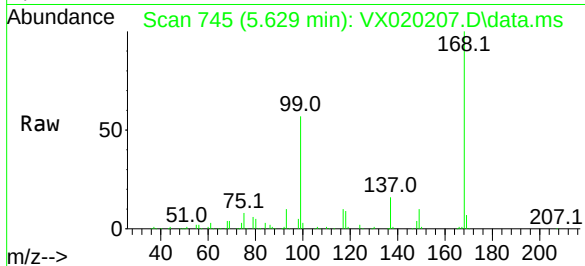




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

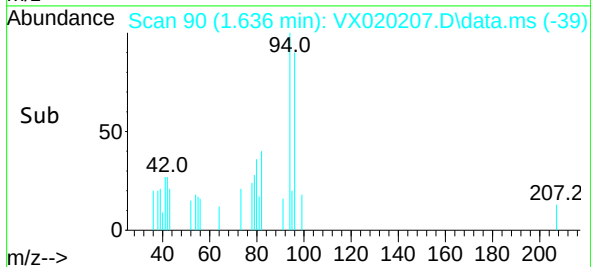
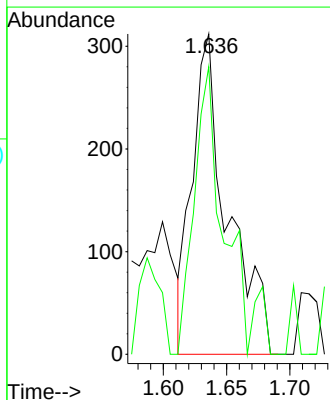
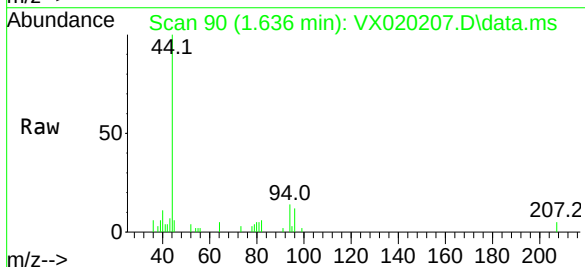
Instrument :
MSVOA_X
ClientSampleId :
39-5084-121420

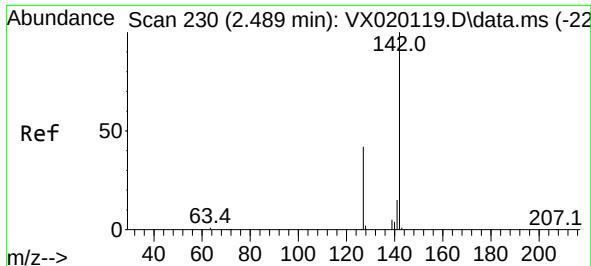
Tgt Ion:168 Resp: 281087
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Tgt Ion: 94 Resp: 608
Ion Ratio Lower Upper
94 100
96 89.7 76.4 114.6

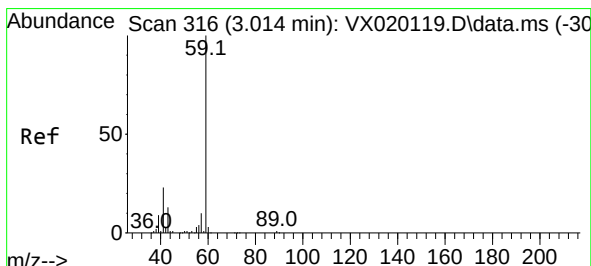
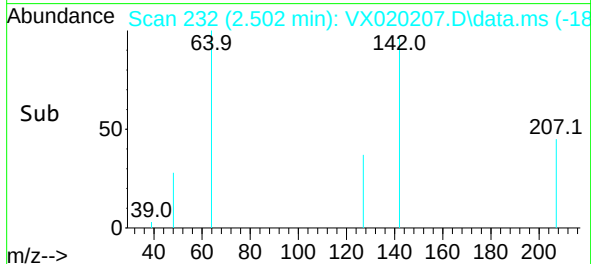
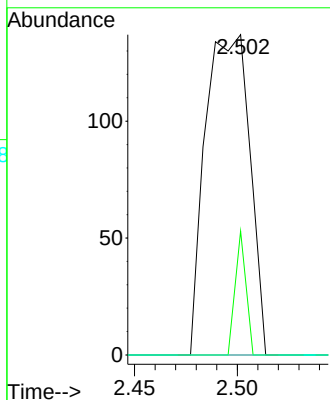
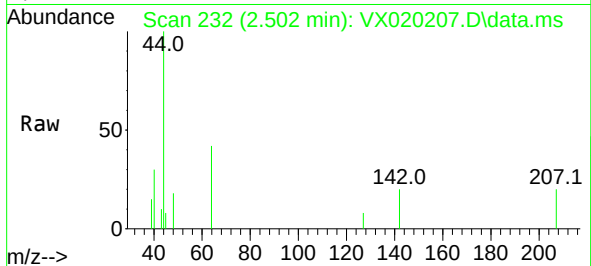




#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

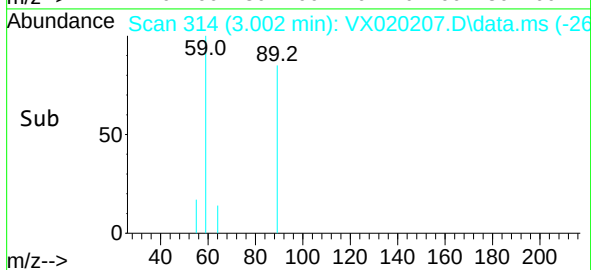
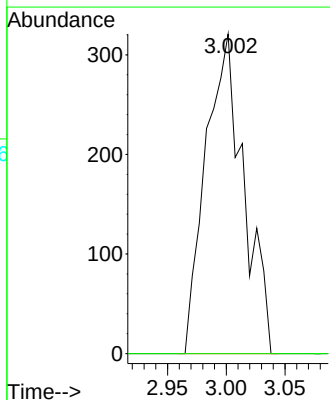
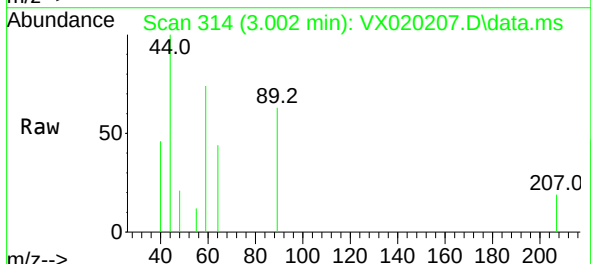
Instrument :
MSVOA_X
ClientSampleId :
39-5084-121420

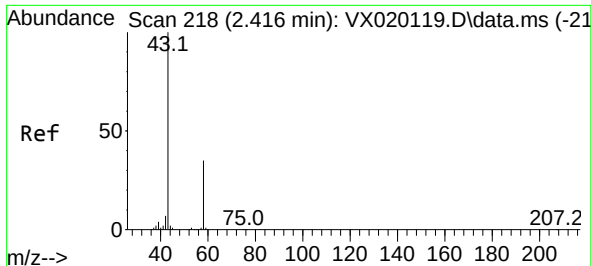
Tgt Ion:142 Resp: 205
Ion Ratio Lower Upper
142 100
127 9.3 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.86 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

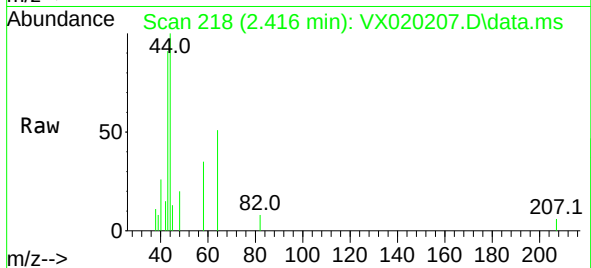
Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



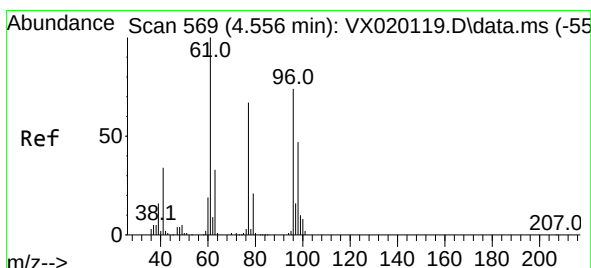
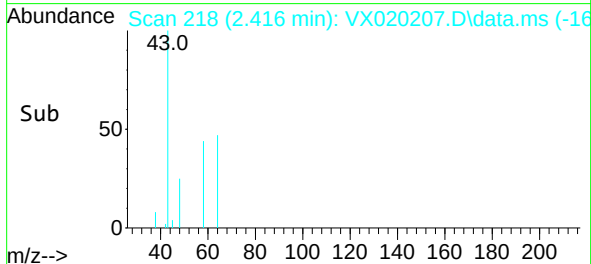
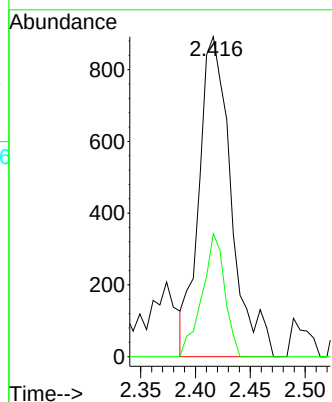


#16
Acetone
Concen: 1.06 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

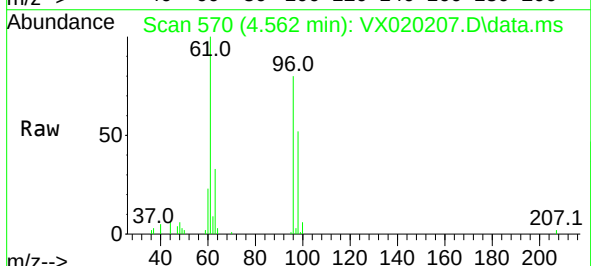
Instrument :
MSVOA_X
ClientSampleId :
39-5084-121420



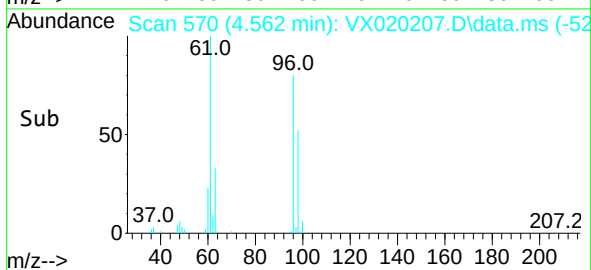
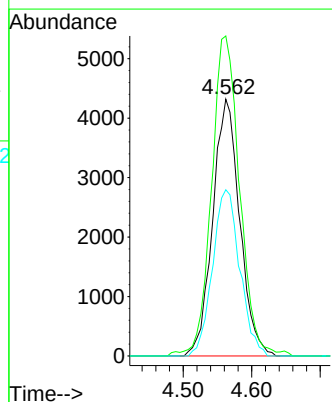
Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
58 38.5 27.8 41.8

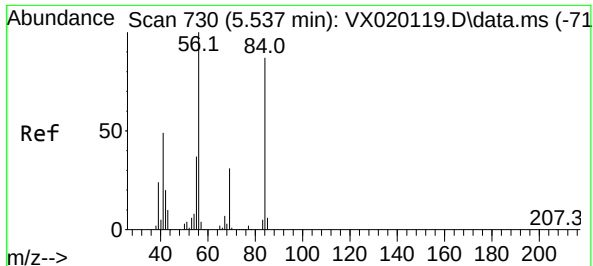


#27
cis-1,2-Dichloroethene
Concen: 3.00 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56



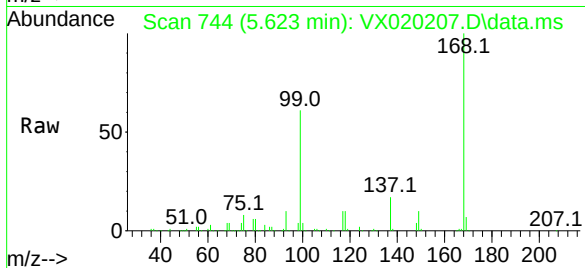
Tgt Ion: 96 Resp: 11814
Ion Ratio Lower Upper
96 100
61 129.8 0.0 285.6
98 65.2 0.0 129.6



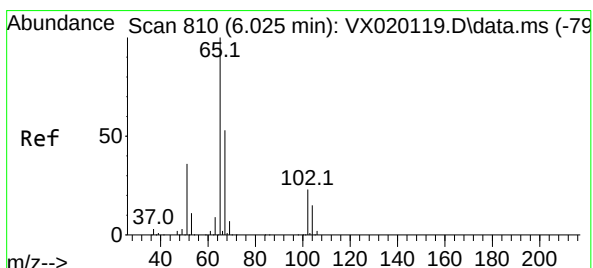
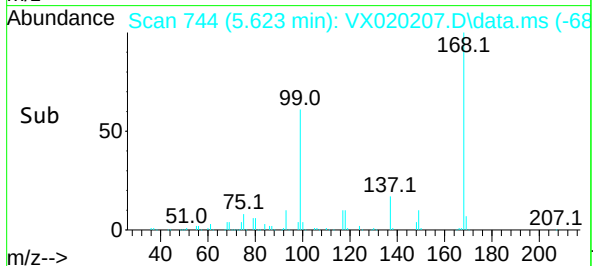
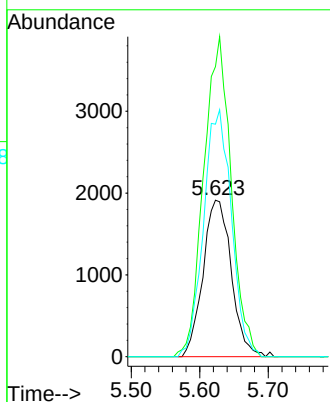


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Instrument :
MSVOA_X
ClientSampleId :
39-5084-121420

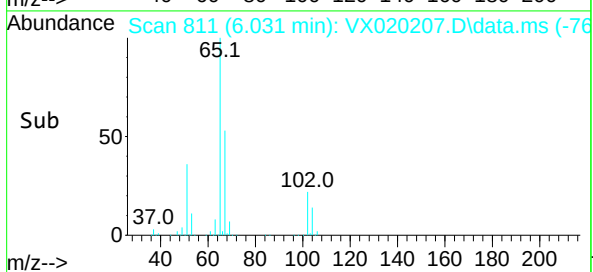
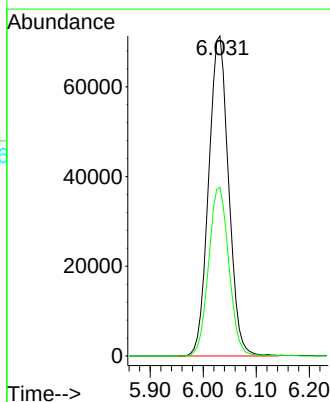
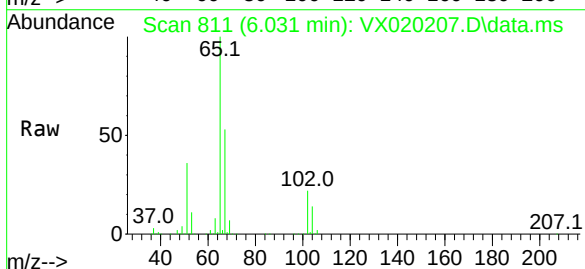


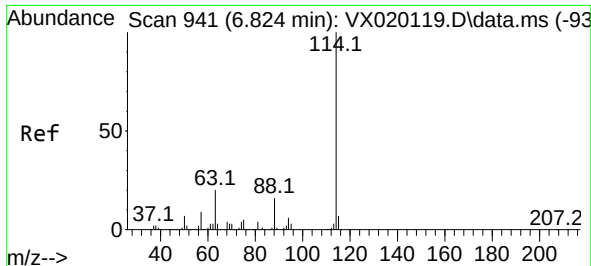
Tgt Ion: 56 Resp: 5497
Ion Ratio Lower Upper
56 100
69 185.4 25.3 37.9#
84 148.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.56 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Tgt Ion: 65 Resp: 186719
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

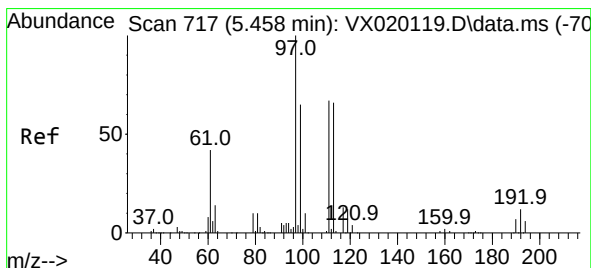
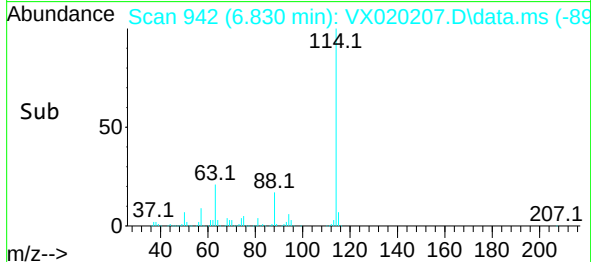
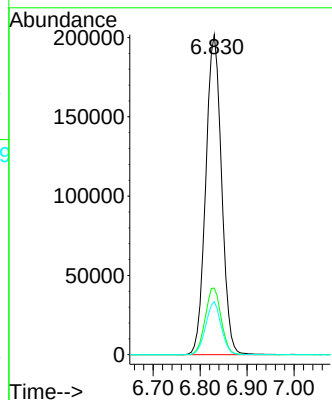
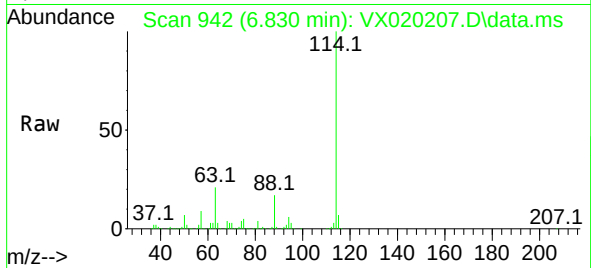




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

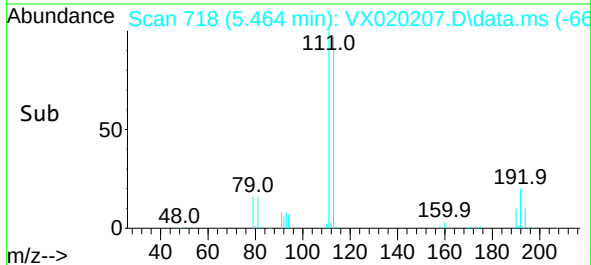
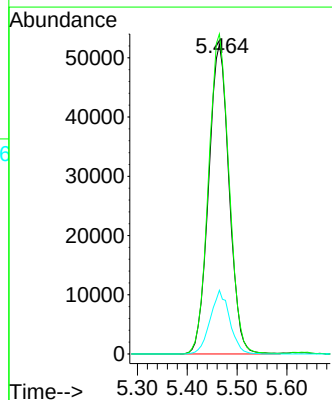
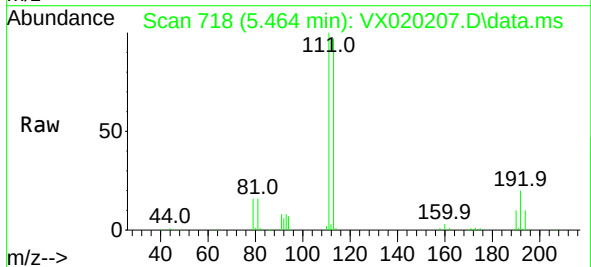
Instrument :
MSVOA_X
ClientSampleId :
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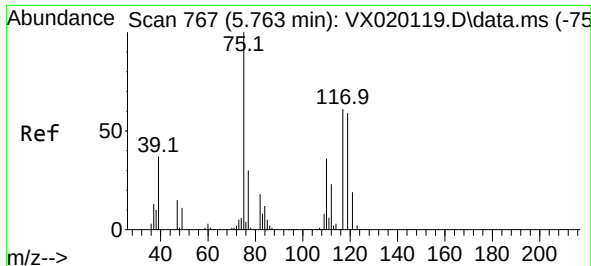
Tgt Ion:114 Resp: 469548
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

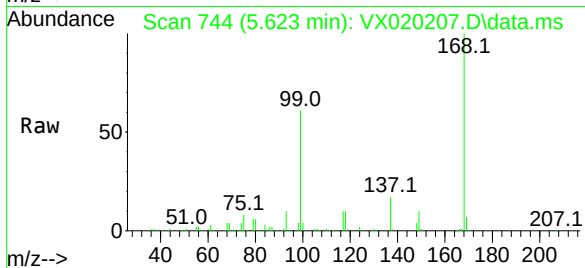
Tgt Ion:113 Resp: 148989
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.6 16.7 25.1



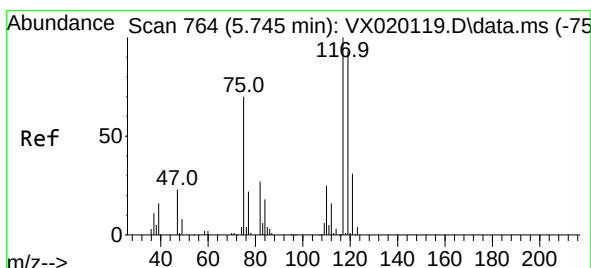
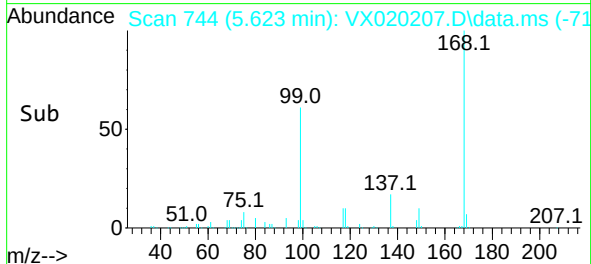
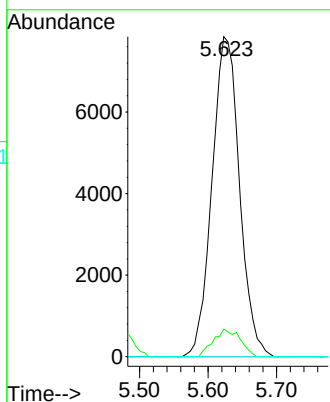


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020207.D
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Instrument :
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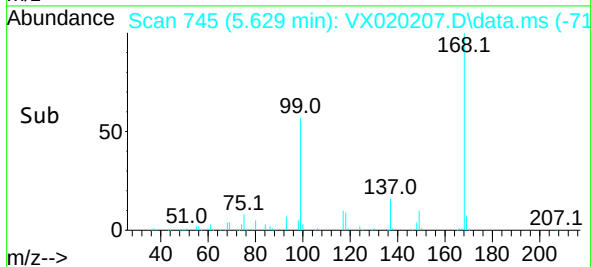
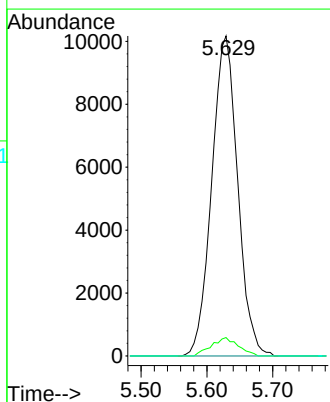
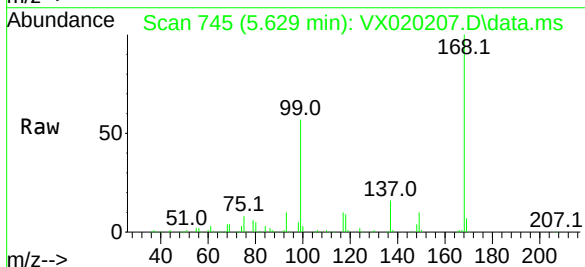


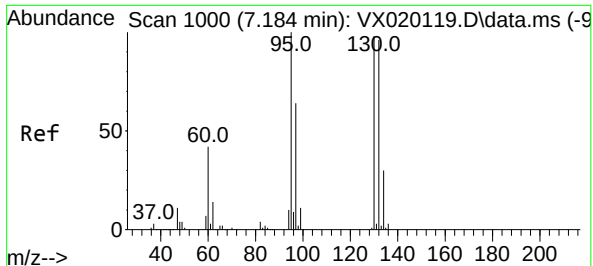
Tgt Ion: 75 Resp: 21858
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Tgt Ion: 117 Resp: 27909
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

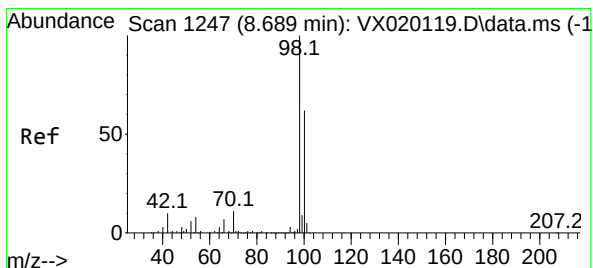
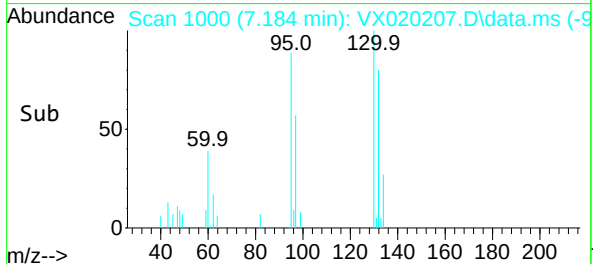
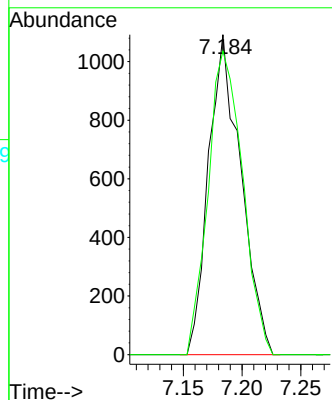
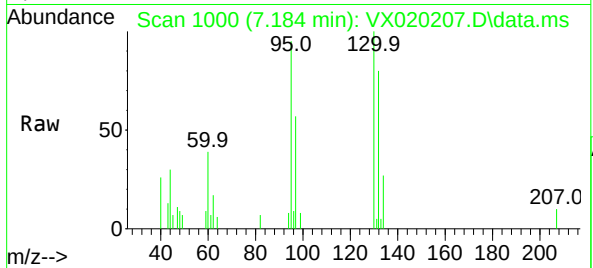




#44
Trichloroethene
Concen: 0.56 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

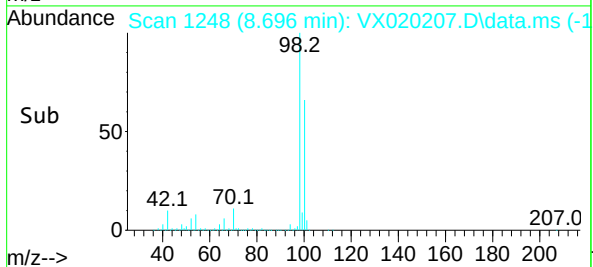
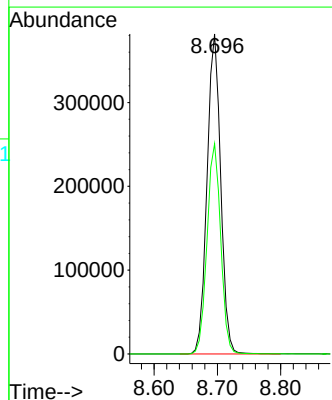
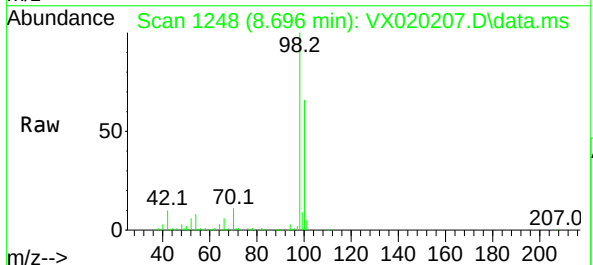
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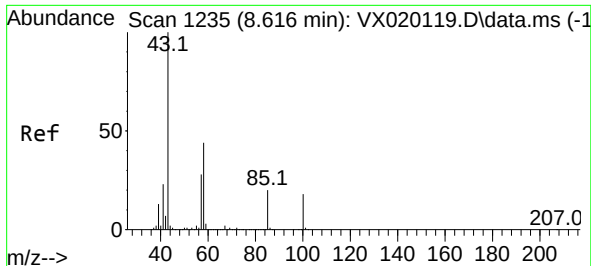
Tgt Ion:130 Resp: 2087
Ion Ratio Lower Upper
130 100
95 94.9 0.0 198.0



#50
Toluene-d8
Concen: 49.62 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Tgt Ion: 98 Resp: 573746
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

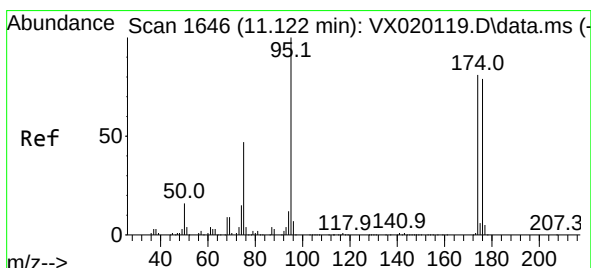
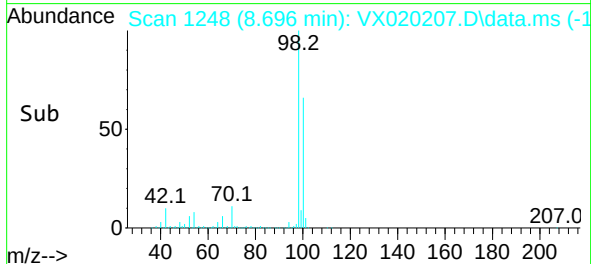
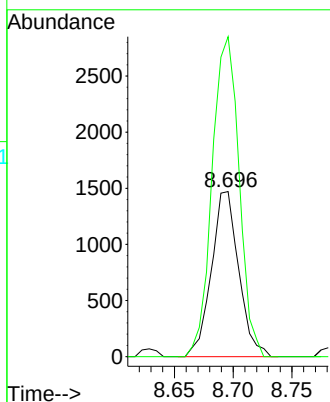
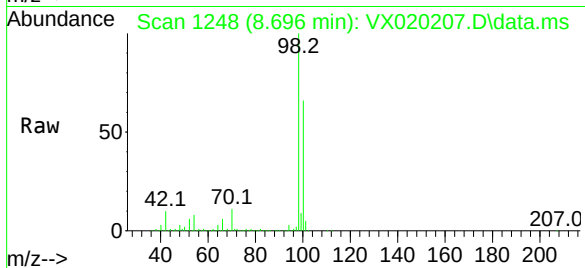




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

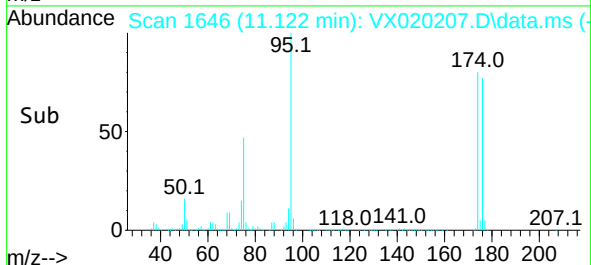
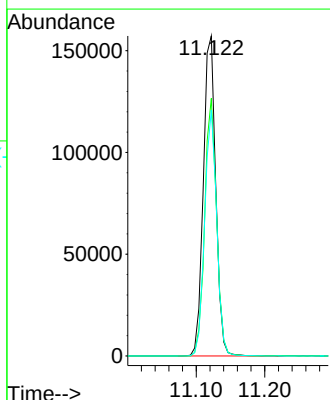
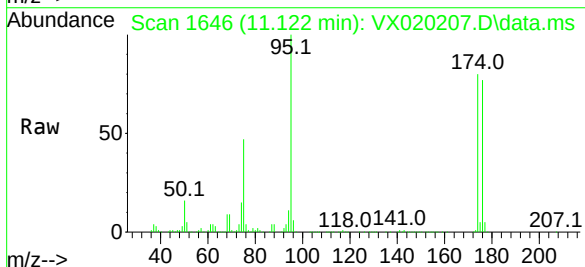
Instrument :
MSVOA_X
ClientSampleId :
39-5084-121420

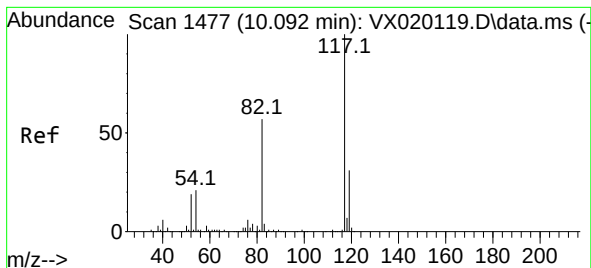
Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
58 191.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Tgt Ion: 95 Resp: 198302
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.5 0.0 155.8

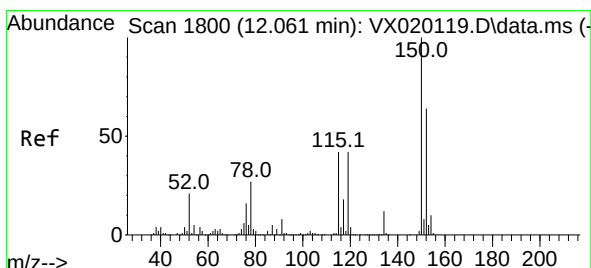
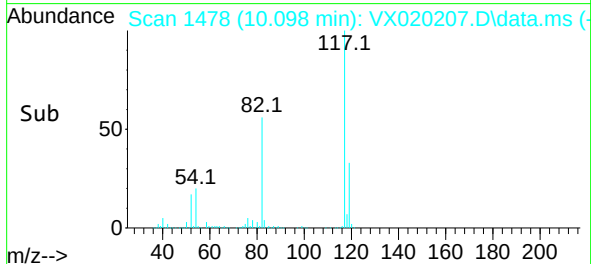
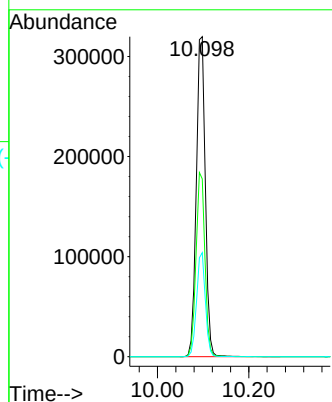
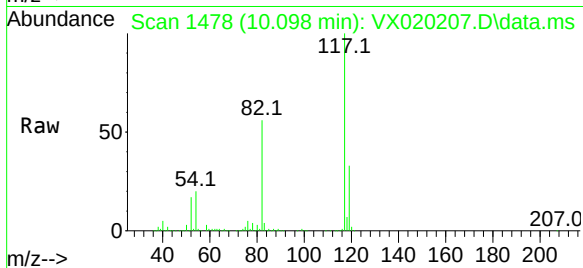




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

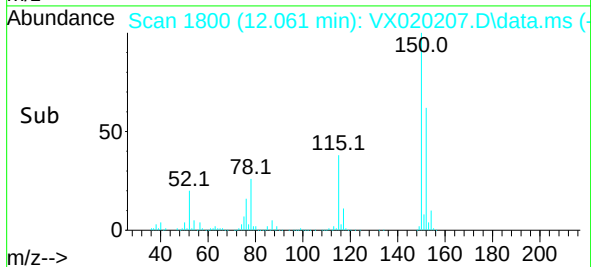
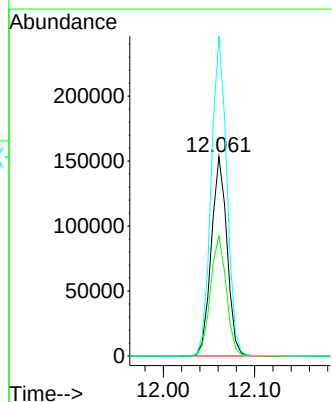
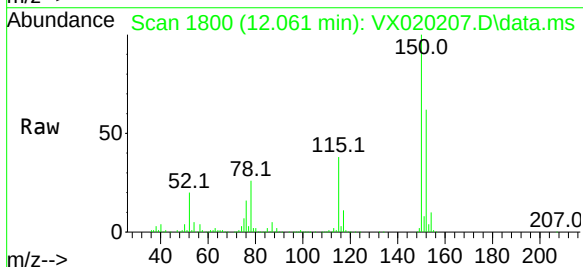
Instrument :
MSVOA_X
ClientSampleId :
39-5084-121420

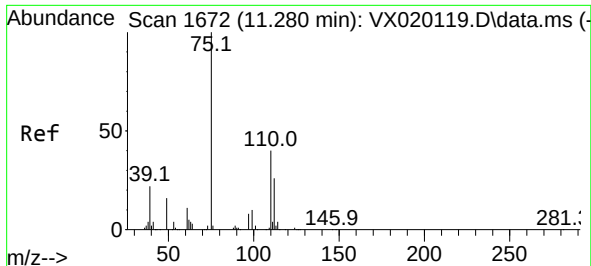
Tgt Ion:117 Resp: 437517
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Tgt Ion:152 Resp: 182970
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 159.2 0.0 349.0

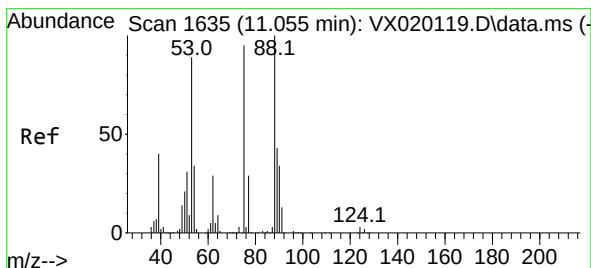
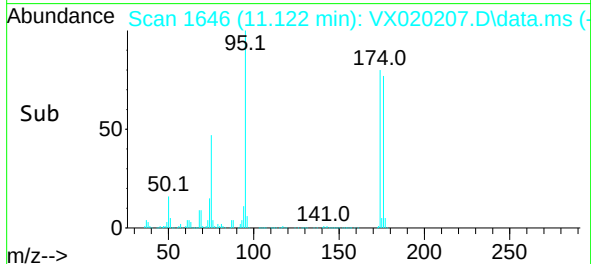
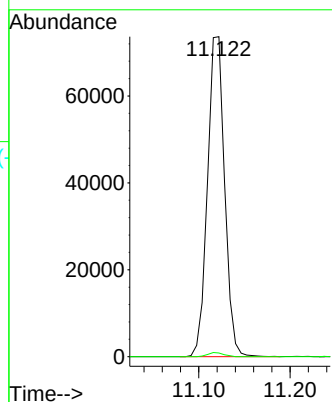
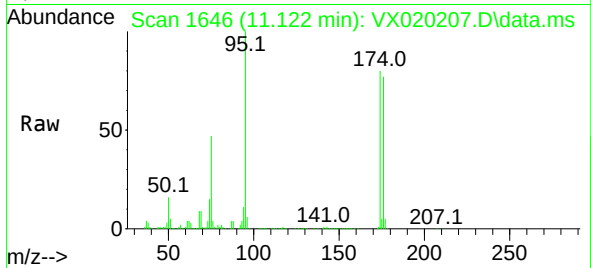




#76
1,2,3-Trichloropropane
Concen: 21.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Instrument :
MSVOA_X
ClientSampleId :
39-5084-121420

Tgt Ion: 75 Resp: 95805
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.06 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020207.D
Acq: 20 Dec 2020 05:56

Tgt Ion: 75 Resp: 95805
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

