

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020328.D
 Acq On : 23 Dec 2020 11:00
 Operator : JC/MD
 Sample : VX1223WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBL01

Quant Time: Dec 24 00:13:54 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	272522	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	446513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	429724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	184444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	177129	48.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.98%		
35) Dibromofluoromethane	5.464	113	143579	50.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.54%		
50) Toluene-d8	8.695	98	547340	49.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.56%		
62) 4-Bromofluorobenzene	11.122	95	198865	47.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.52%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	593	0.50	ug/l	95
10) Methyl Iodide	2.495	142	537	3.42	ug/l #	80
11) Tert butyl alcohol	2.989	59	1304	1.59	ug/l #	73
13) Acrolein	2.264	56	109	0.21	ug/l #	1
16) Acetone	2.416	43	1545	0.93	ug/l	97
31) Cyclohexane	5.629	56	5464	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21415	4.85	ug/l #	49
38) Carbon Tetrachloride	5.629	117	26505	6.31	ug/l #	16
51) 4-Methyl-2-Pentanone	8.689	43	2322	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	97085	21.37	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97085	63.40	ug/l #	12
94) Hexachlorobutadiene	13.762	225	120	2.71	ug/l	83

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

Quant Time: Dec 24 00:13:54 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

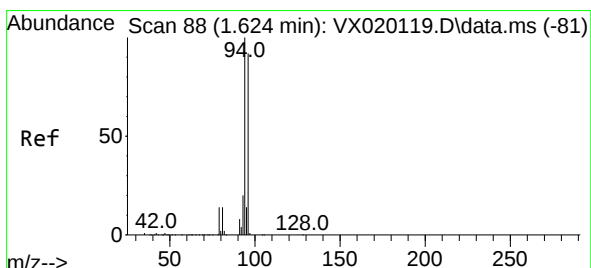
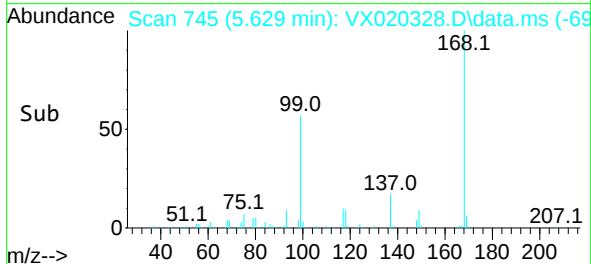
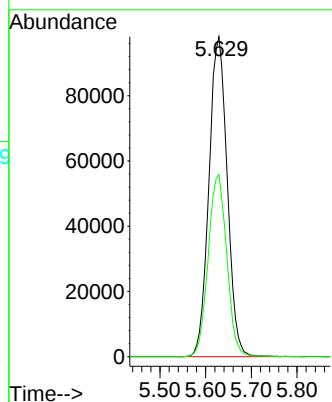
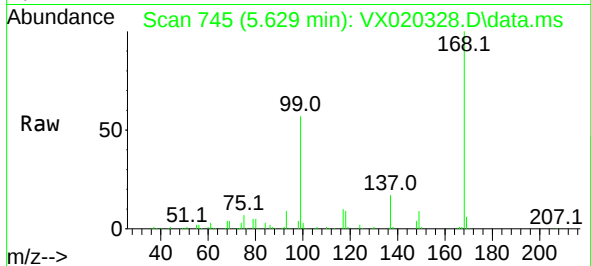




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

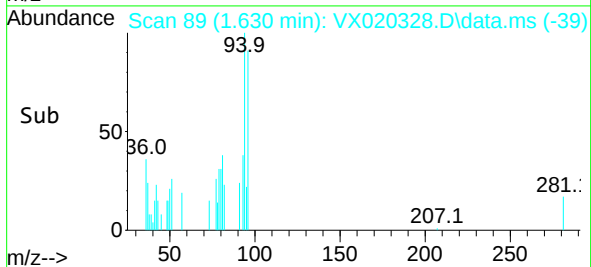
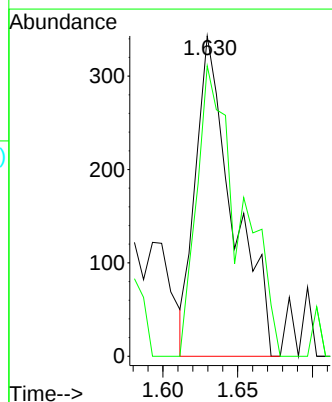
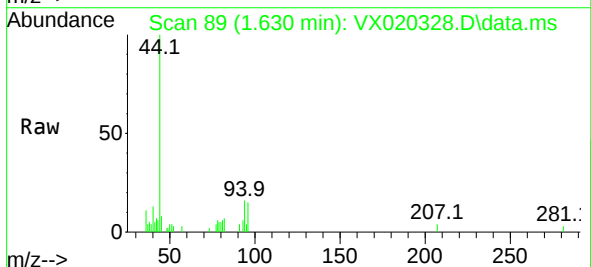
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

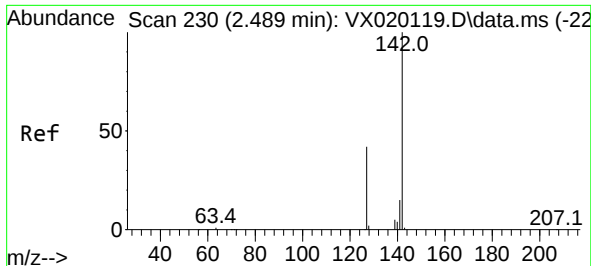
Tgt Ion:168 Resp: 272522
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#5
Bromomethane
Concen: 0.50 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

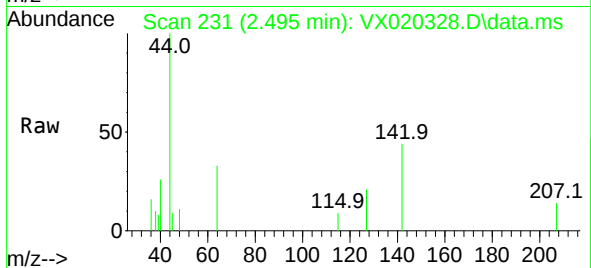
Tgt Ion: 94 Resp: 593
Ion Ratio Lower Upper
94 100
96 90.7 76.4 114.6



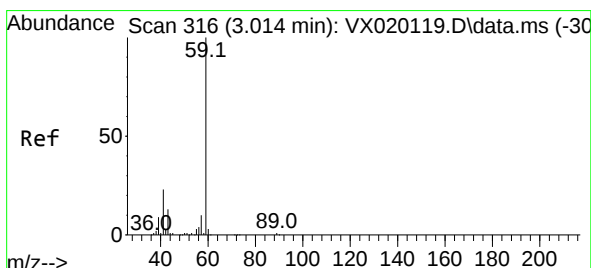
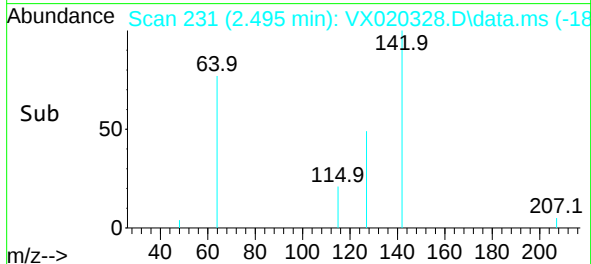
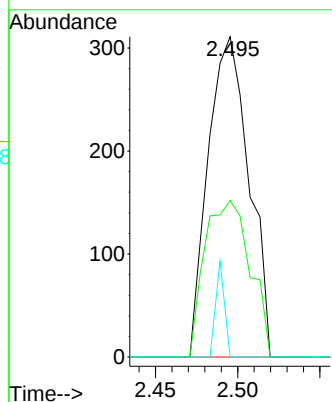


#10
Methyl Iodide
Concen: 3.42 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

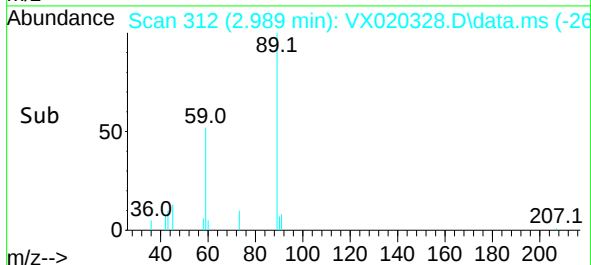
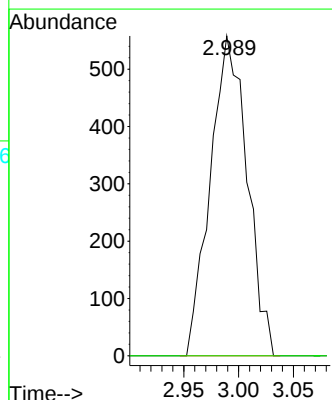
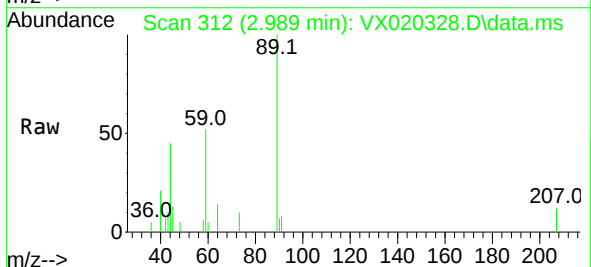


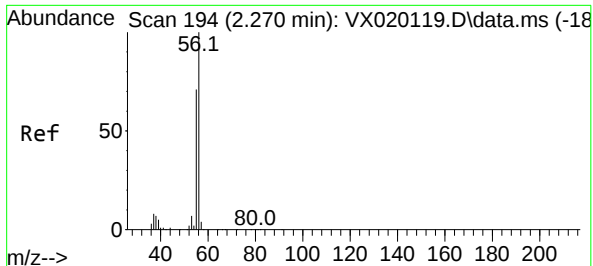
Tgt Ion:142 Resp: 537
Ion Ratio Lower Upper
142 100
127 54.2 33.3 49.9#
141 6.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.59 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 59 Resp: 1304
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

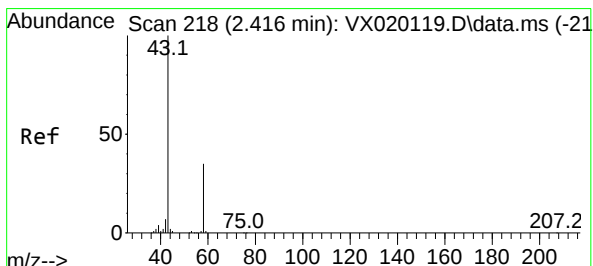
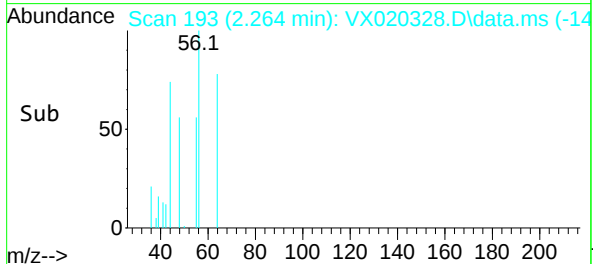
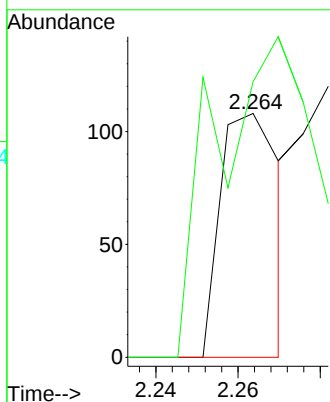
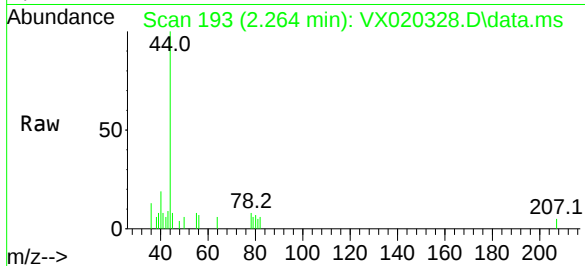




#13
Acrolein
Concen: 0.21 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

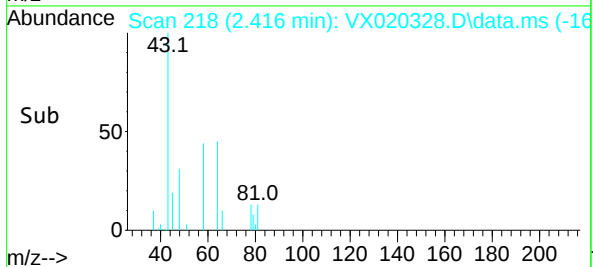
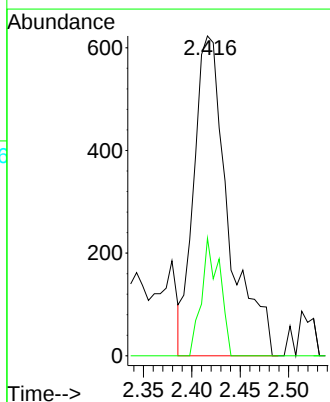
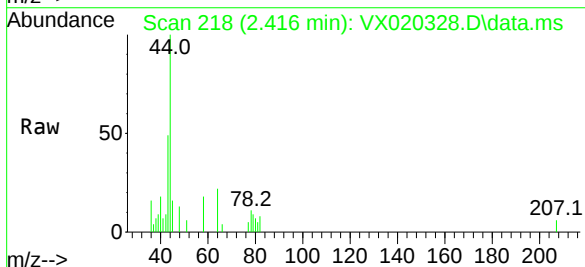
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

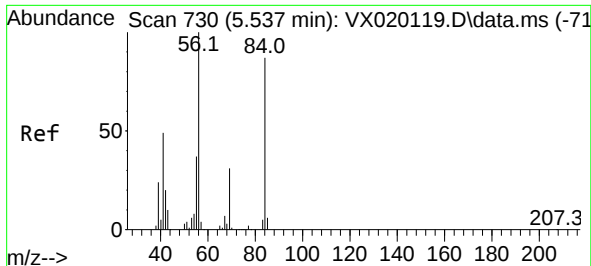
Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 216.5 56.4 84.6#



#16
Acetone
Concen: 0.93 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
58 36.8 27.8 41.8

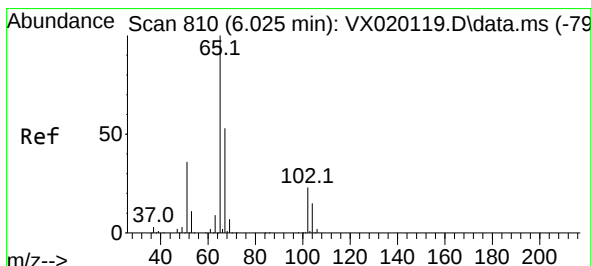
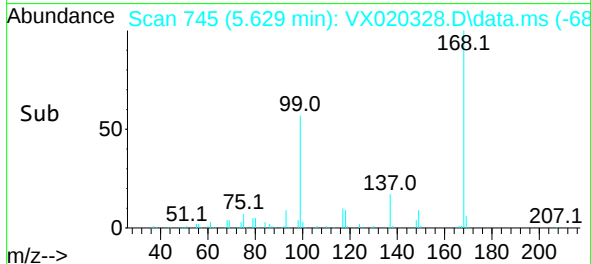
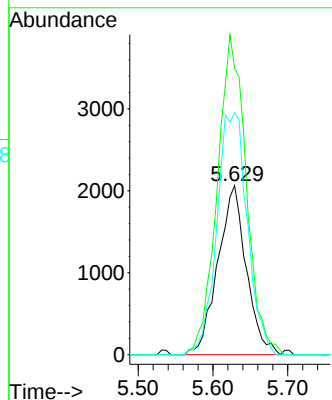
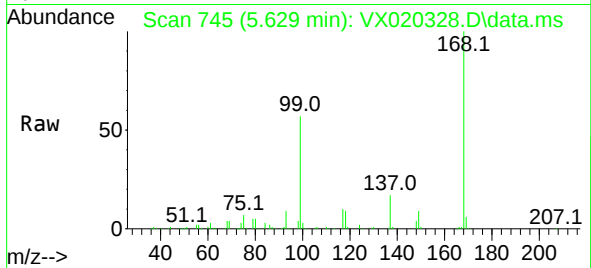




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

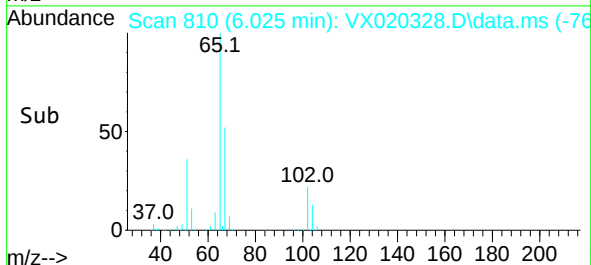
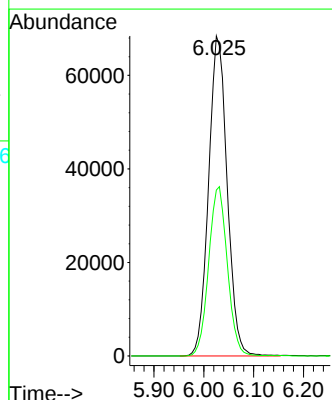
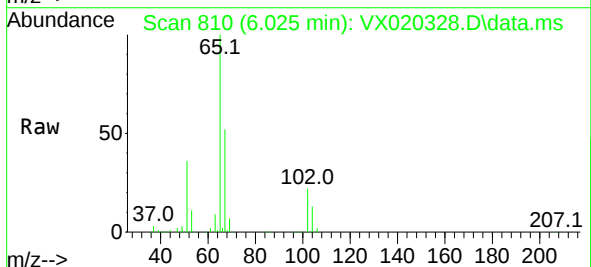
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

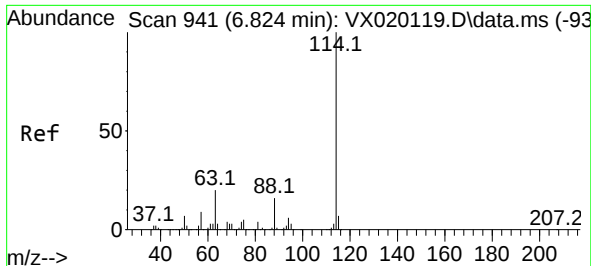
Tgt Ion: 56 Resp: 5464
Ion Ratio Lower Upper
56 100
69 169.4 25.3 37.9#
84 143.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.49 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 65 Resp: 177129
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

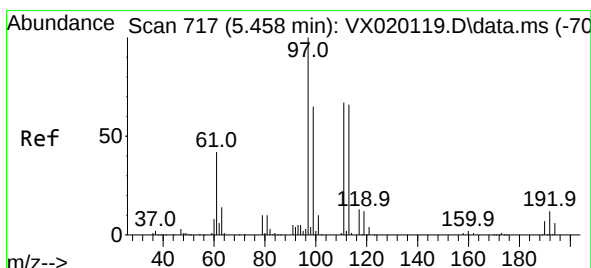
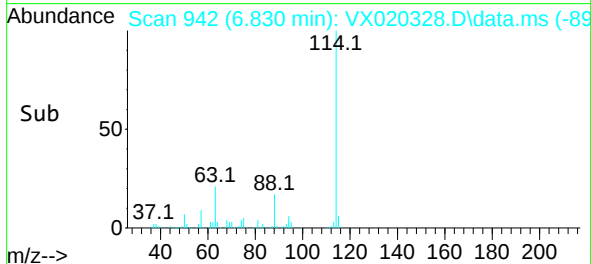
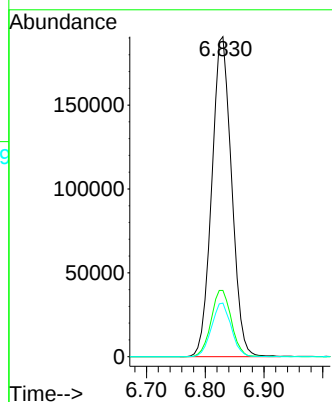
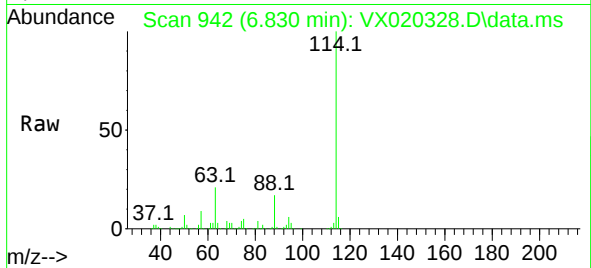




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

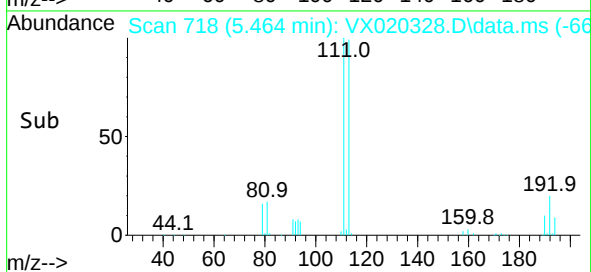
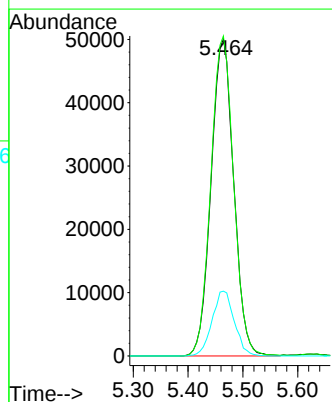
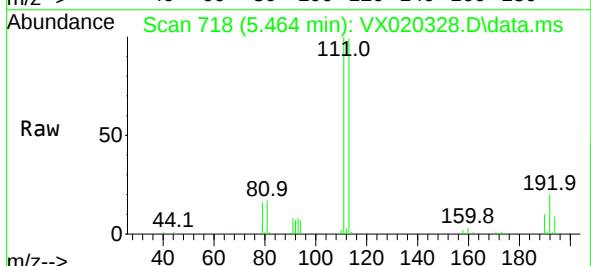
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

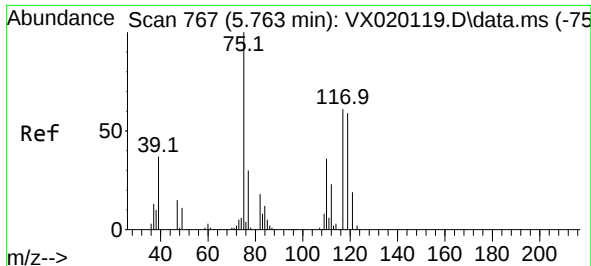
Tgt Ion:114 Resp: 446513
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.27 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion:113 Resp: 143579
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 20.1 16.7 25.1

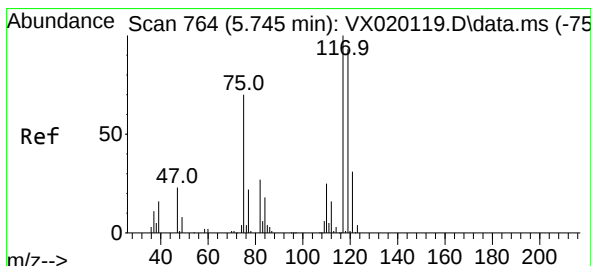
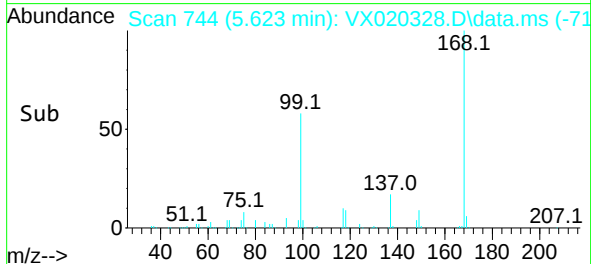
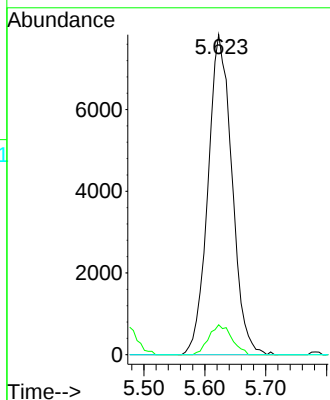
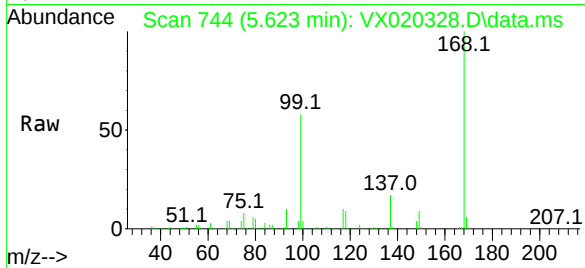




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

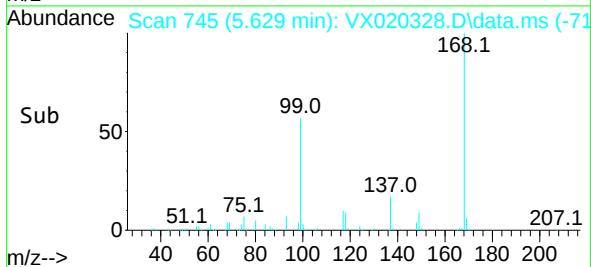
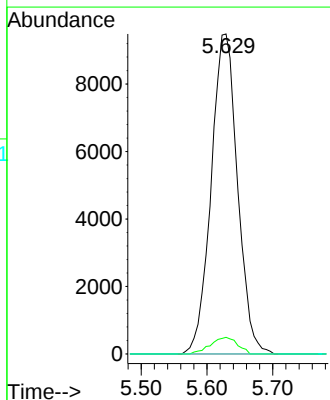
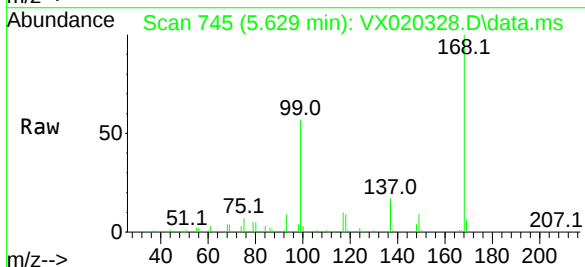
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ClientSampleId :
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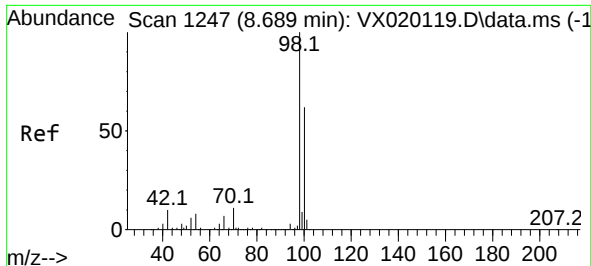
Tgt Ion: 75 Resp: 21415
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 117 Resp: 26505
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

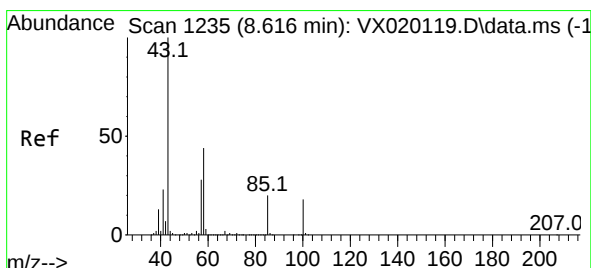
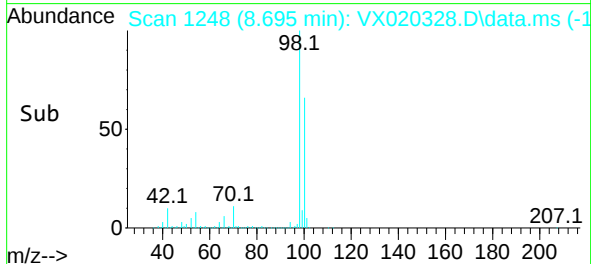
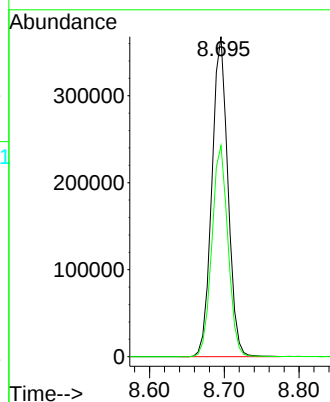
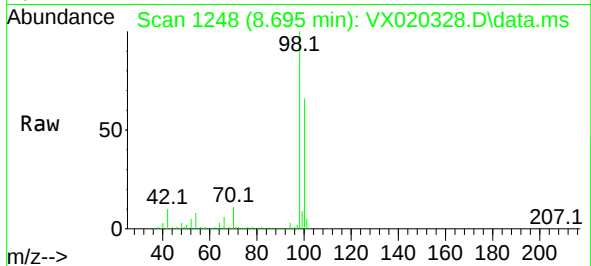




#50
Toluene-d8
Concen: 49.78 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

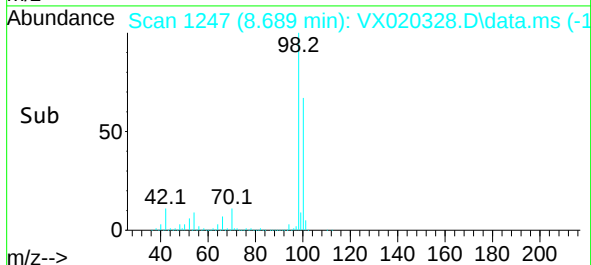
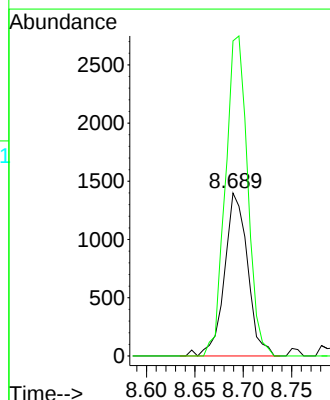
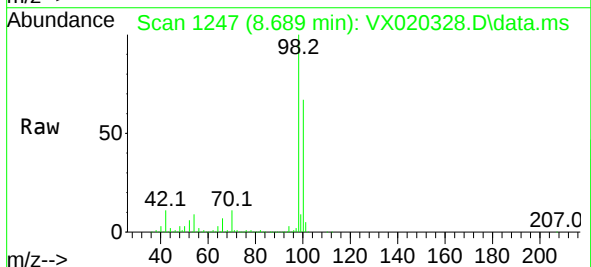
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

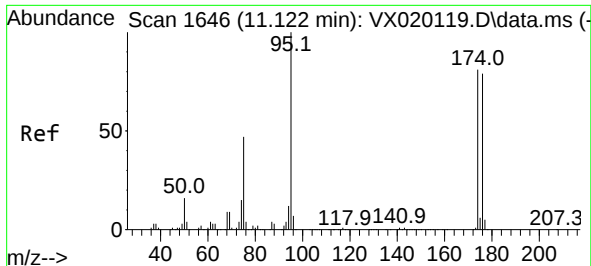
Tgt Ion: 98 Resp: 547340
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
58 189.2 35.4 53.0#

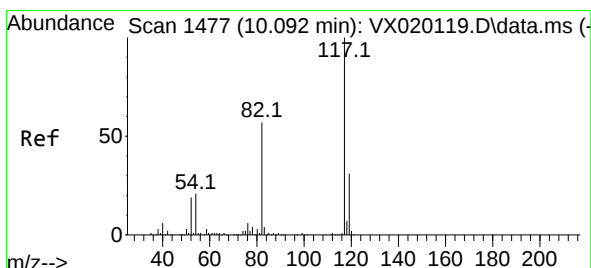
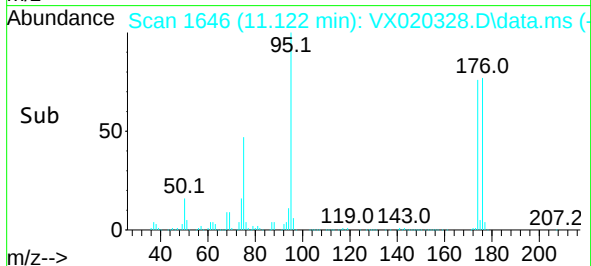
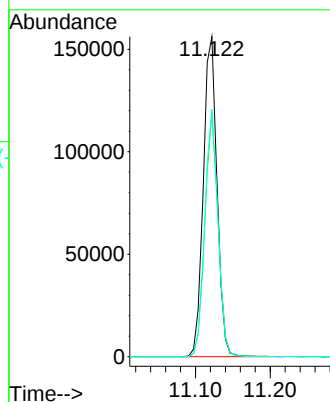
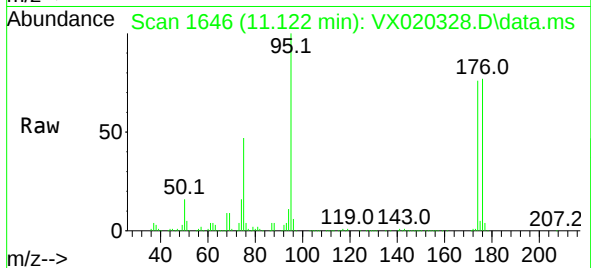




#62
4-Bromofluorobenzene
Concen: 47.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

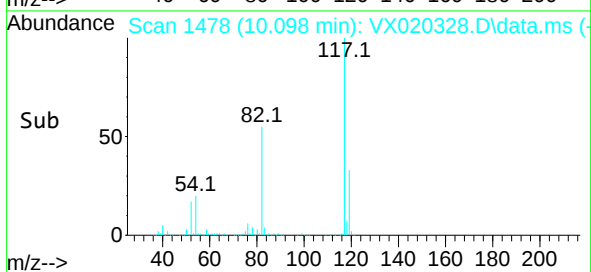
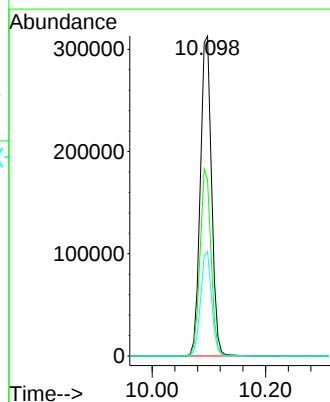
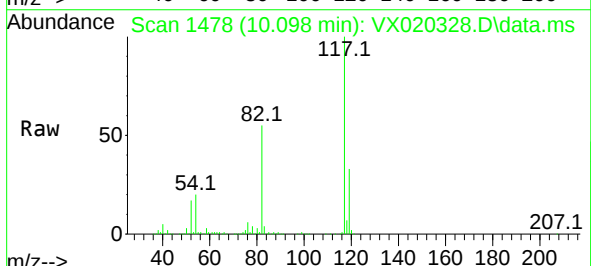
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

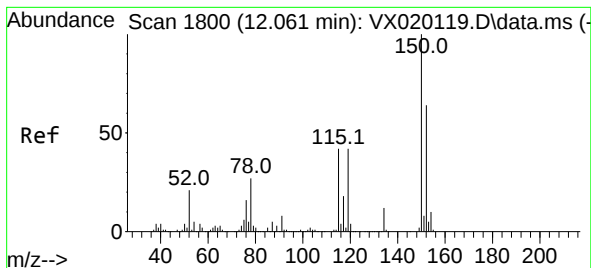
Tgt Ion: 95 Resp: 198865
Ion Ratio Lower Upper
95 100
174 73.9 0.0 154.6
176 74.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 117 Resp: 429724
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.6 26.6 39.8

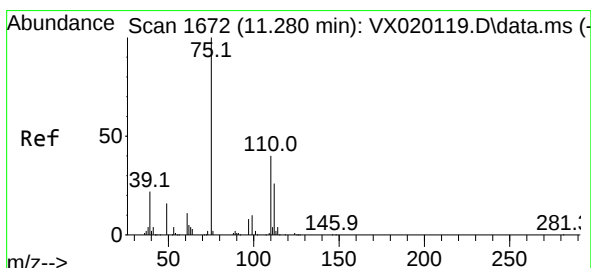
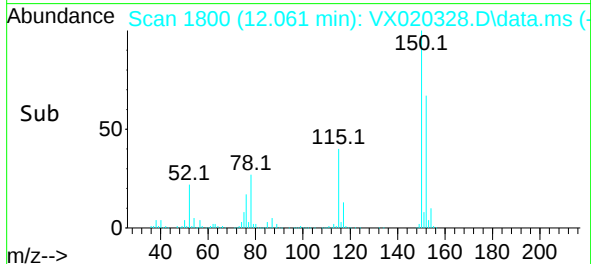
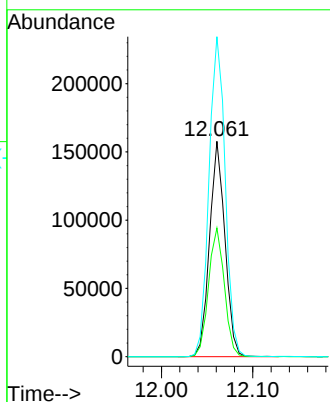
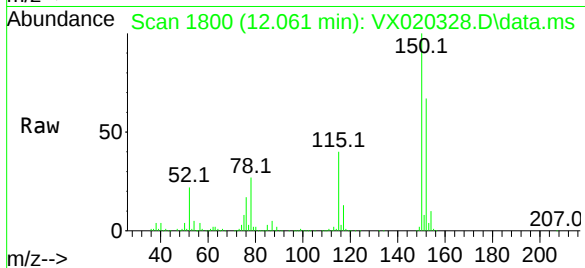




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020328.D
 Acq: 23 Dec 2020 11:00

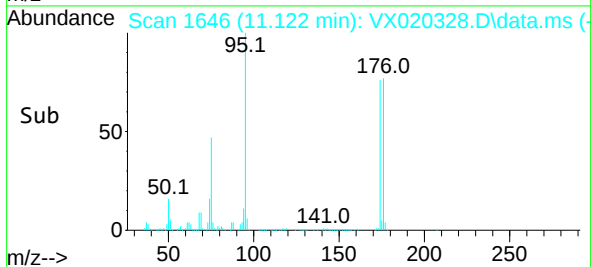
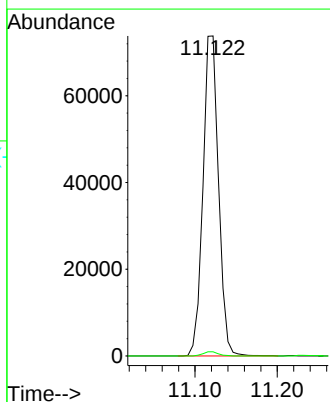
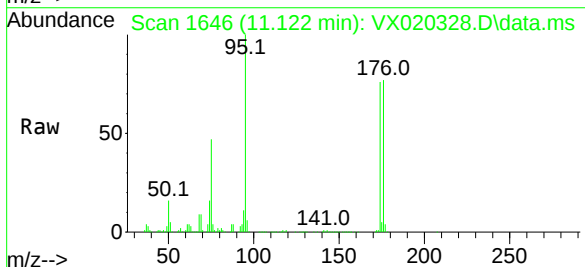
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBL01

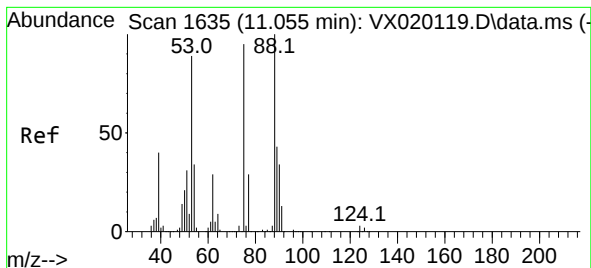
Tgt Ion:152 Resp: 184444
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.1 123.3
 150 156.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.37 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020328.D
 Acq: 23 Dec 2020 11:00

Tgt Ion: 75 Resp: 97085
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

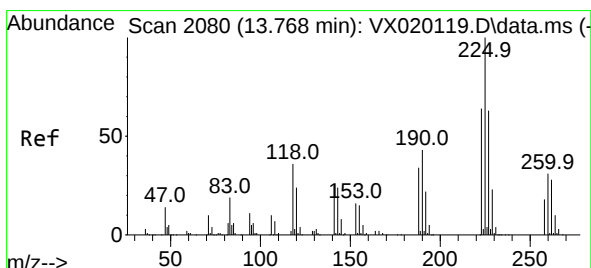
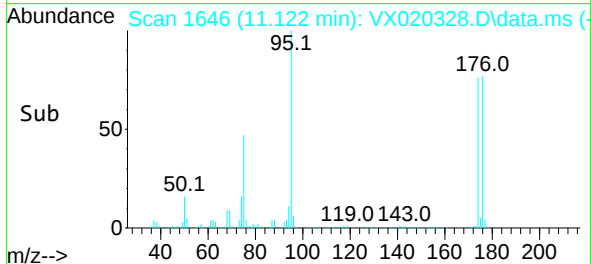
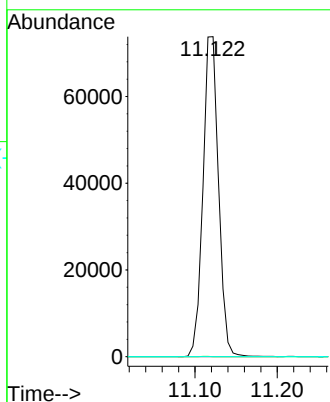
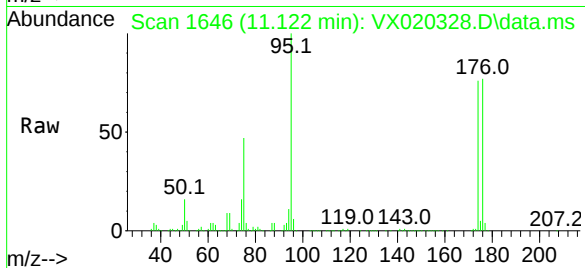




#81
trans-1,4-Dichloro-2-butene
Concen: 63.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion: 75 Resp: 97085
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.71 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 225 Resp: 120
Ion Ratio Lower Upper
225 100
223 54.2 31.1 93.2
227 45.0 31.6 95.0

