

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020328.D
 Acq On : 23 Dec 2020 01:36
 Operator : JC/MD
 Sample : L5094-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBL01

Quant Time: Dec 23 05:06:01 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)

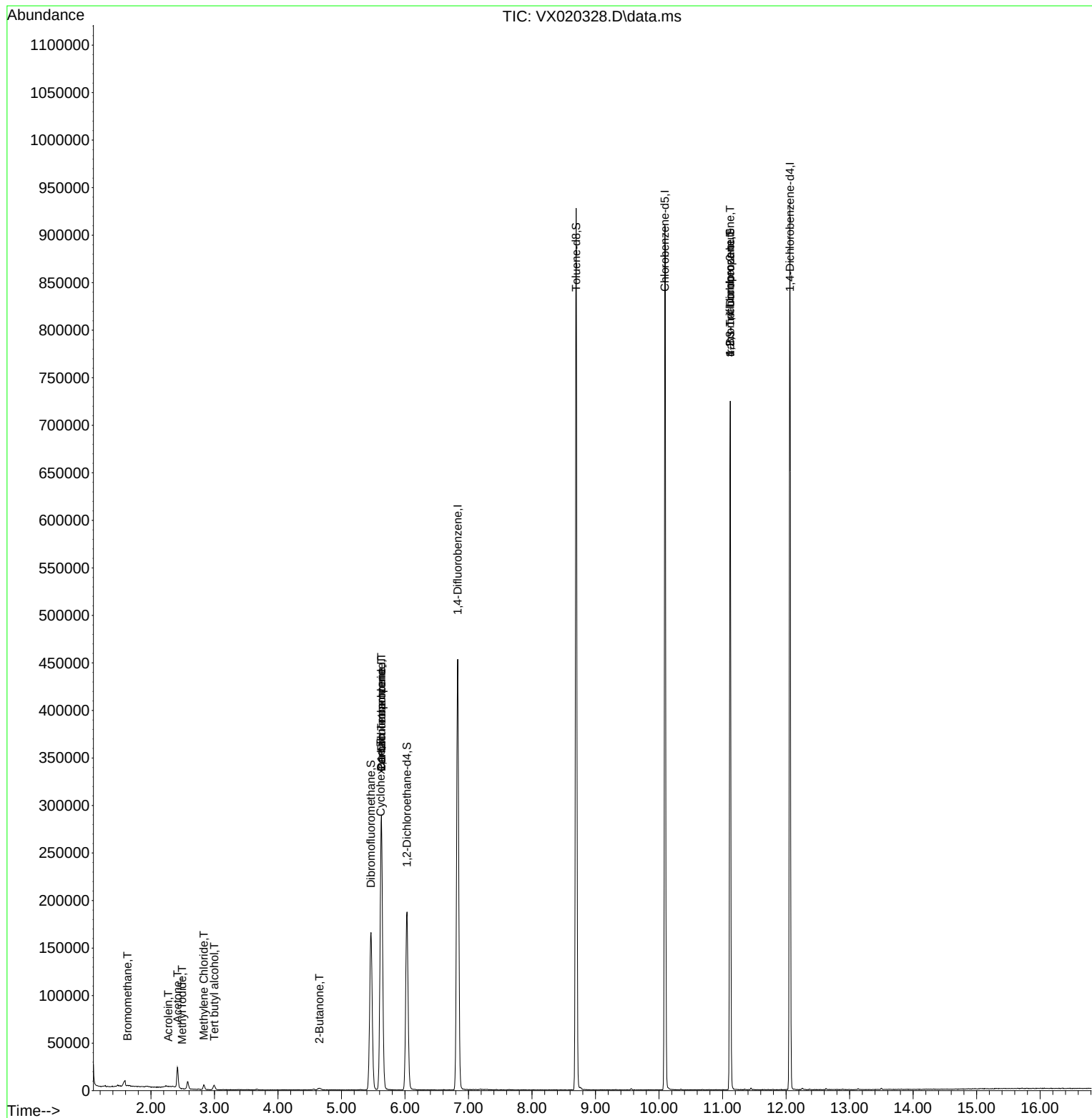
Internal Standards						
1) Pentafluorobenzene	5.629	168	273111	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	455046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	430020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	190866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	178124	48.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.32%		
35) Dibromofluoromethane	5.464	113	143232	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.40%		
50) Toluene-d8	8.696	98	554424	49.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.96%		
62) 4-Bromofluorobenzene	11.122	95	200345	46.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.44%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	535	0.45	ug/l	96
10) Methyl Iodide	2.489	142	202	3.34	ug/l #	83
11) Tert butyl alcohol	2.995	59	3023	3.69	ug/l #	77
13) Acrolein	2.270	56	104	0.20	ug/l #	1
16) Acetone	2.416	43	23104	13.84	ug/l	99
20) Methylene Chloride	2.831	84	2236	0.59	ug/l	92
25) 2-Butanone	4.654	43	657	0.27	ug/l #	45
31) Cyclohexane	5.617	56	5381	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20826	4.63	ug/l #	49
38) Carbon Tetrachloride	5.629	117	27078	6.33	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	96903	20.61	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	96903	61.15	ug/l #	12

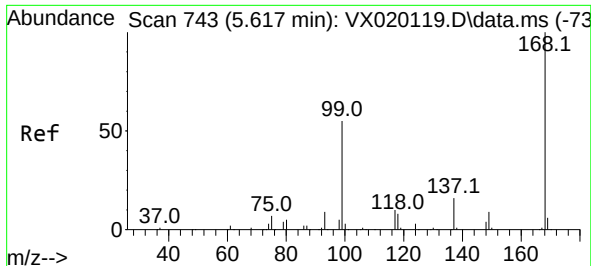
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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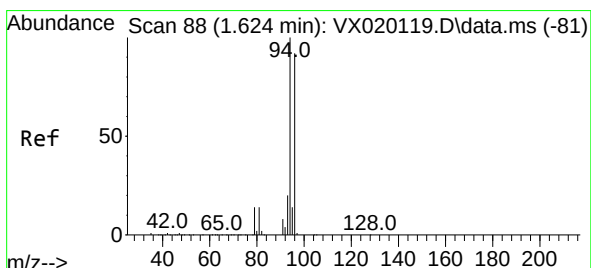
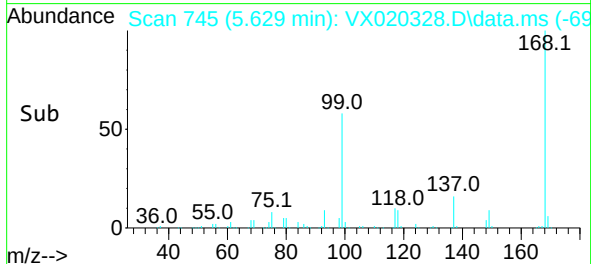
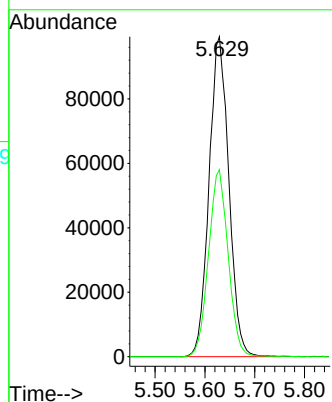
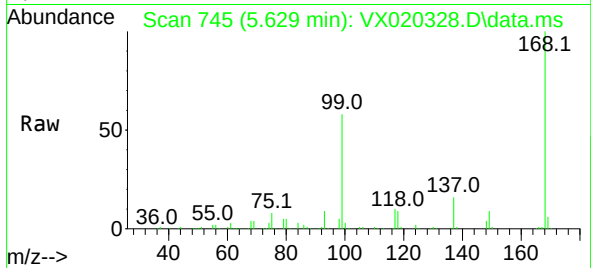




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

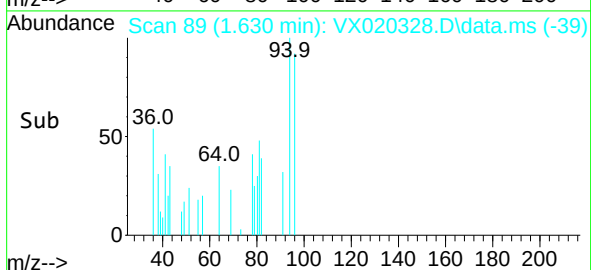
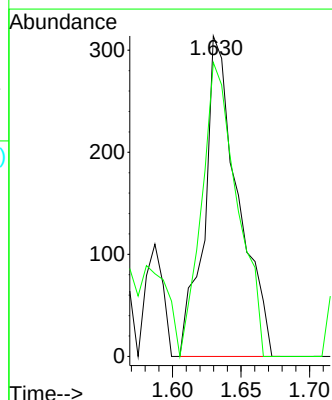
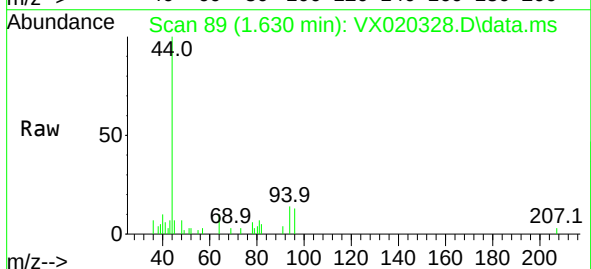
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

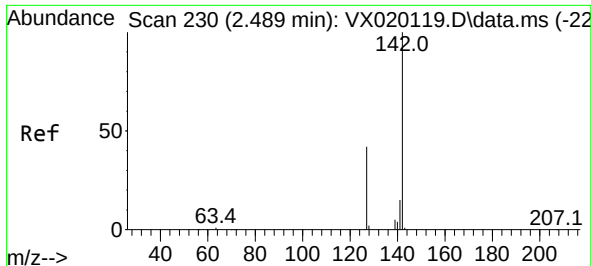
Tgt Ion:168 Resp: 273111
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion: 94 Resp: 535
Ion Ratio Lower Upper
94 100
96 91.7 76.4 114.6

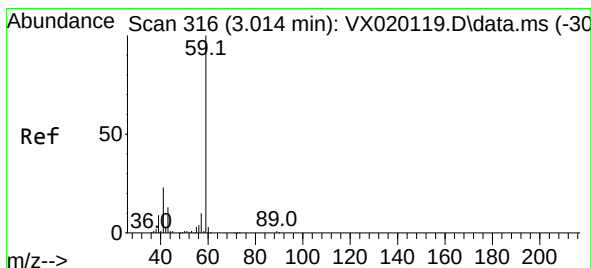
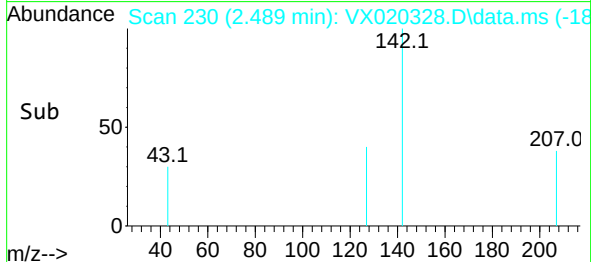
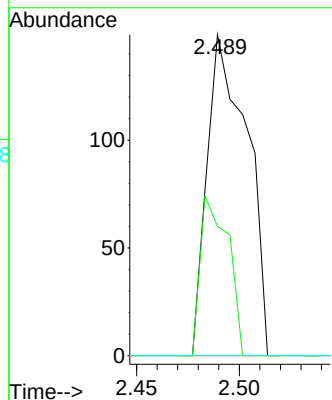
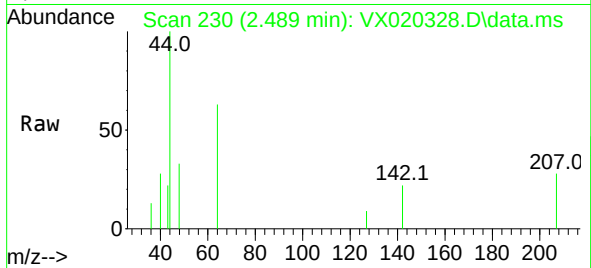




#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

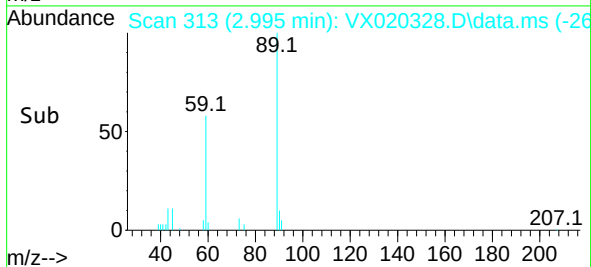
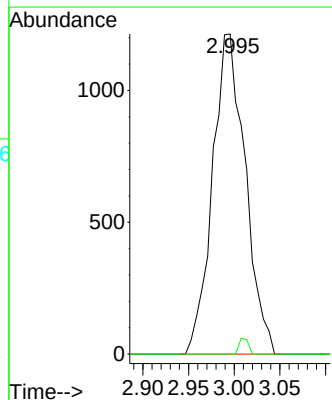
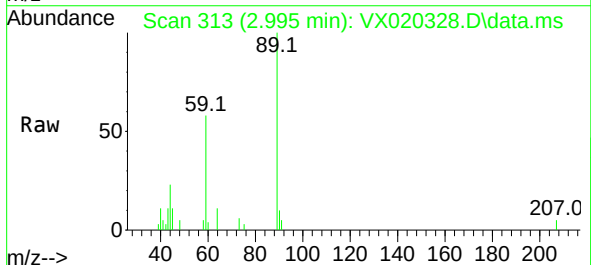
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

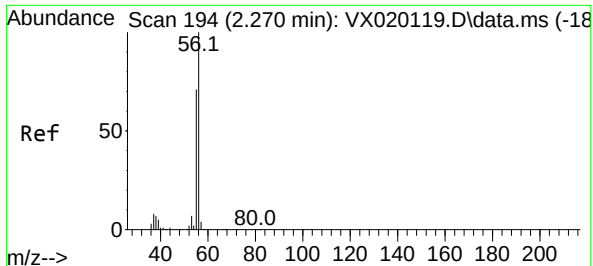
Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
127 34.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.69 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion: 59 Resp: 3023
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.8#

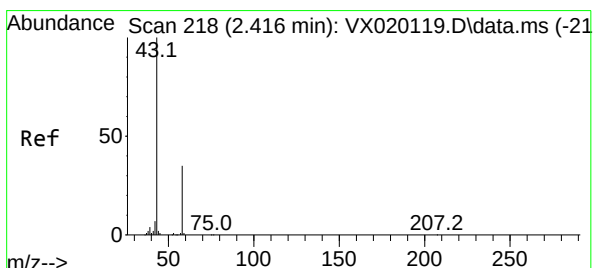
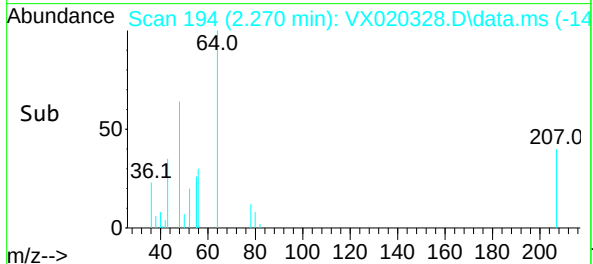
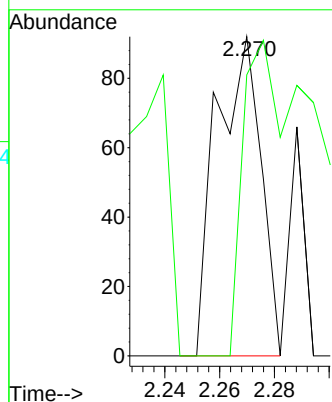
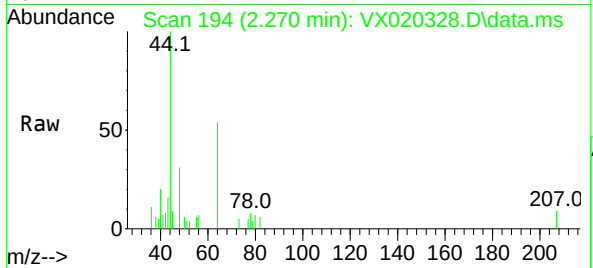




#13
Acrolein
Concen: 0.20 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

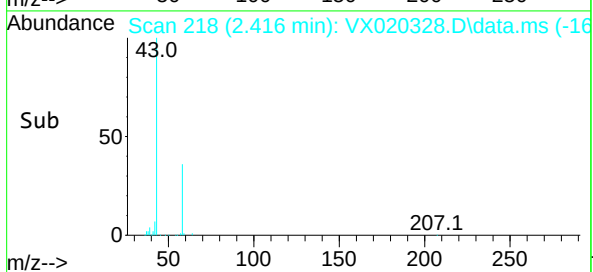
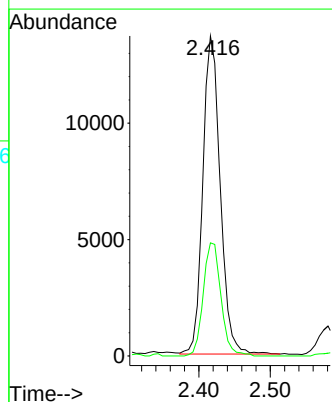
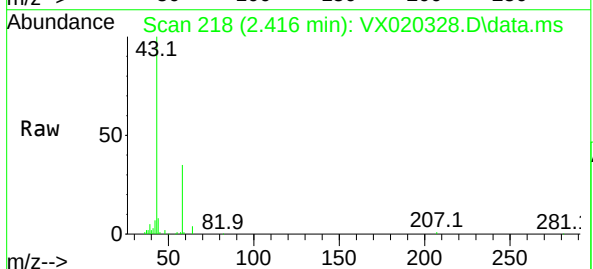
Instrument :
MSVOA_X
ClientSampled :
VX1223WBL01

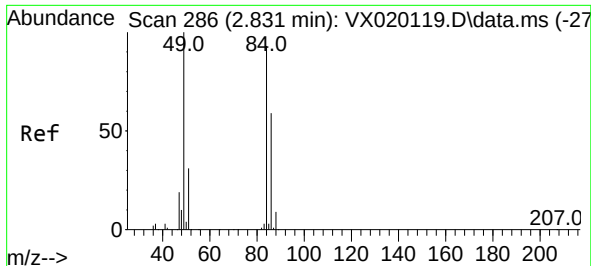
Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 179.8 56.4 84.6#



#16
Acetone
Concen: 13.84 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

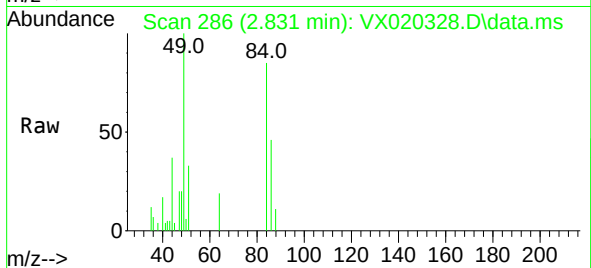
Tgt Ion: 43 Resp: 23104
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8



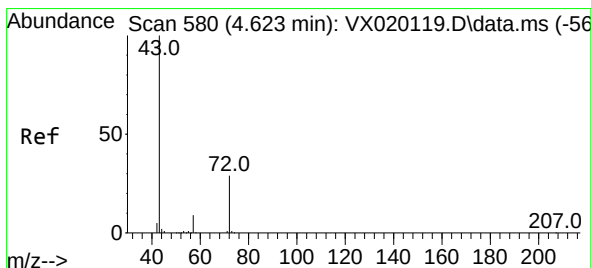
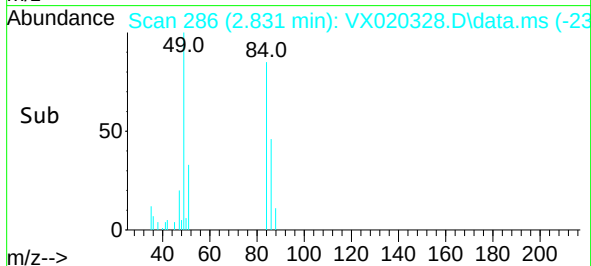
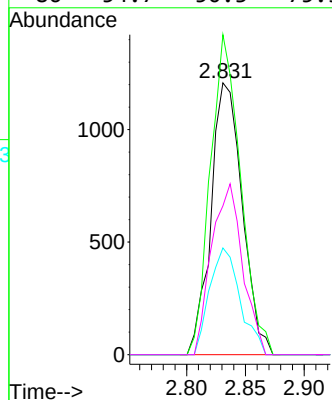


#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

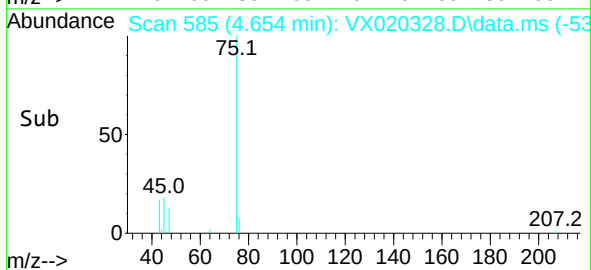
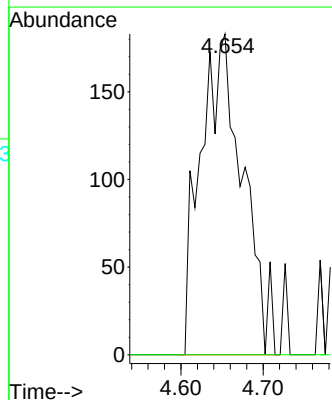
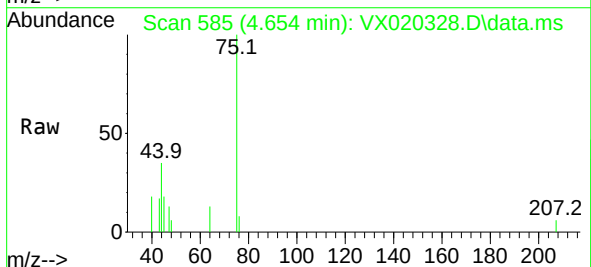


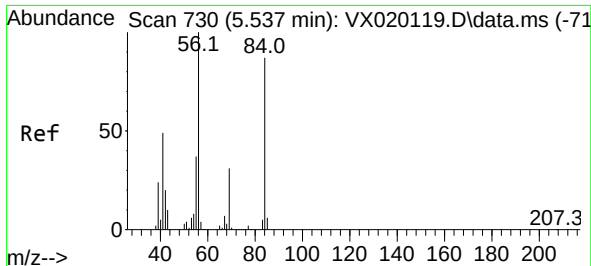
Tgt Ion:	84	Resp:	2236
Ion	Ratio	Lower	Upper
84	100		
49	117.7	88.6	132.8
51	39.2	27.0	40.6
86	54.7	50.3	75.5



#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.031 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion:	43	Resp:	657
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

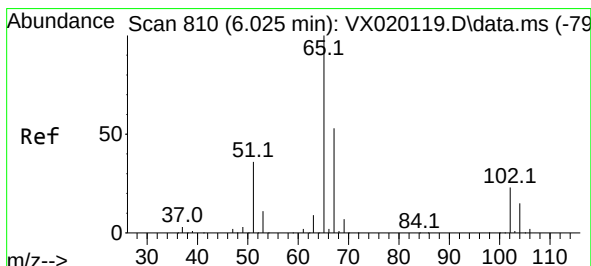
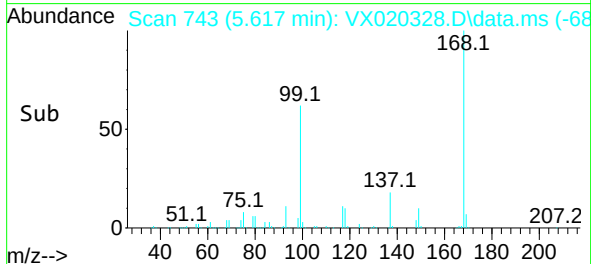
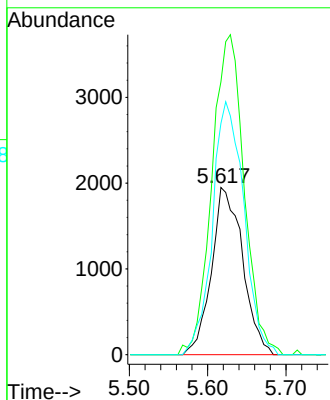
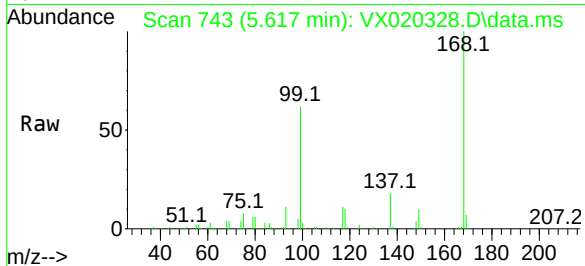




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.080 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

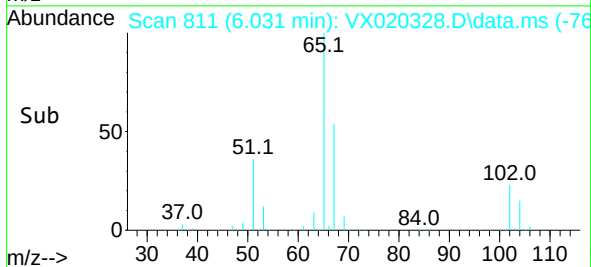
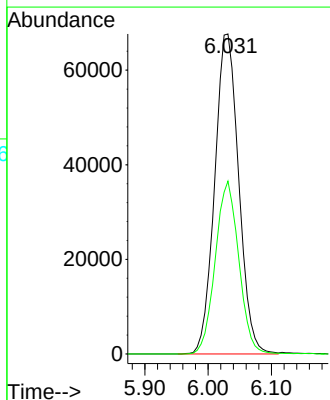
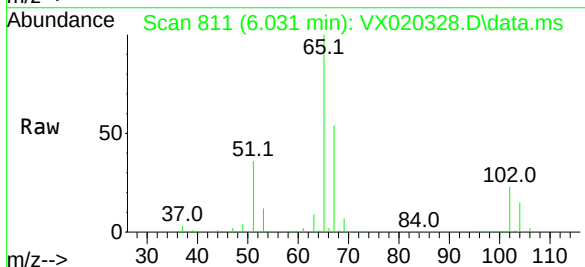
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

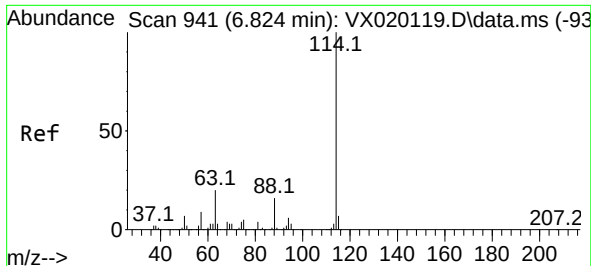
Tgt Ion: 56 Resp: 5381
Ion Ratio Lower Upper
56 100
69 163.1 25.3 37.9#
84 138.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.66 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion: 65 Resp: 178124
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

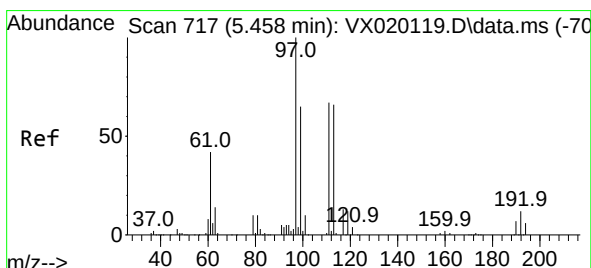
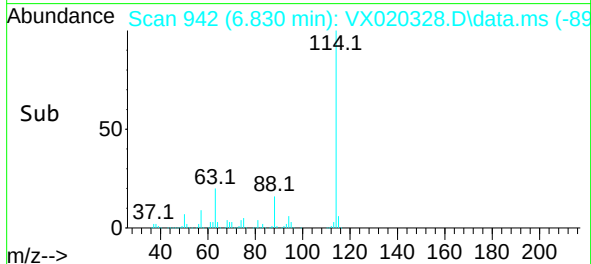
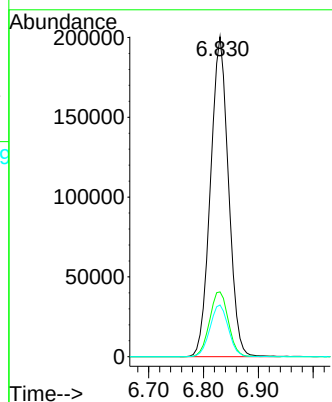
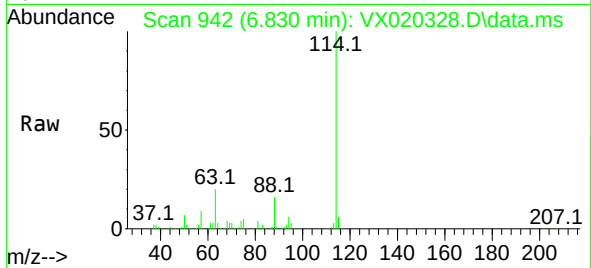




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

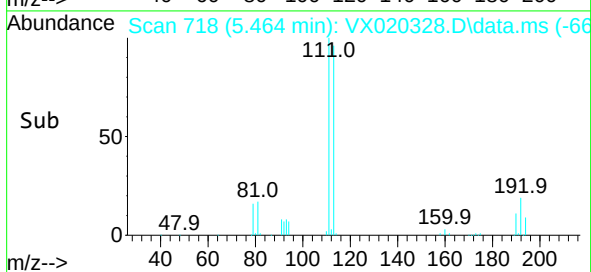
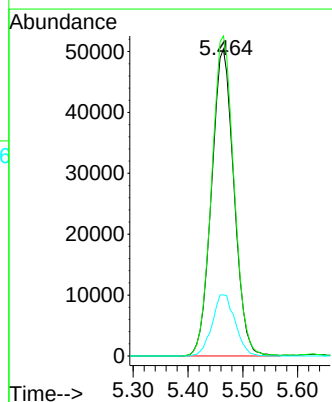
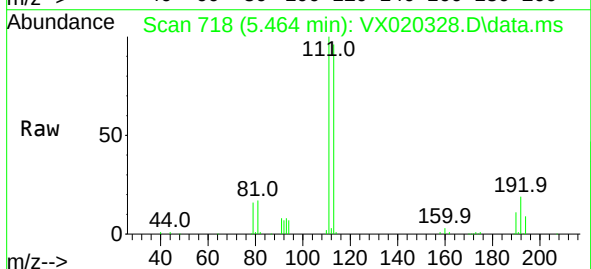
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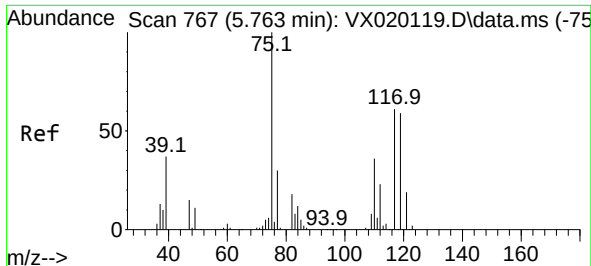
Tgt Ion:114 Resp: 455046
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion:113 Resp: 143232
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 20.4 16.7 25.1

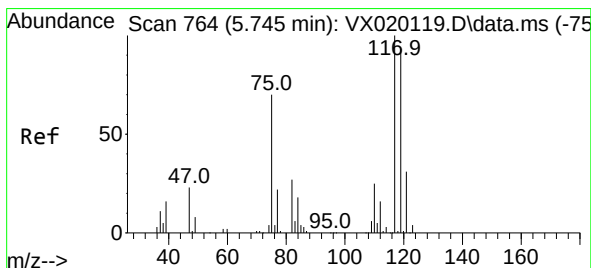
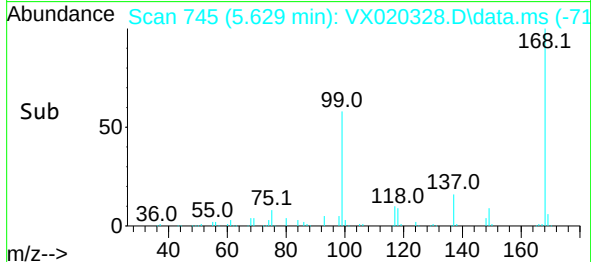
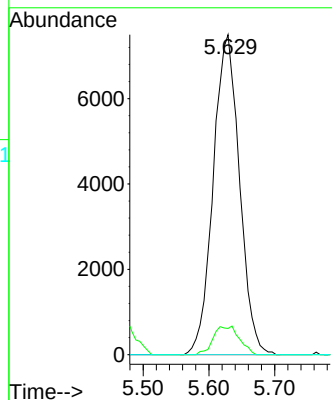
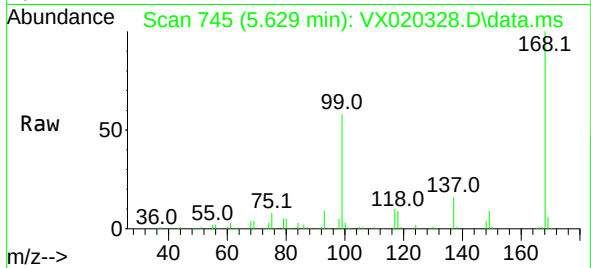




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

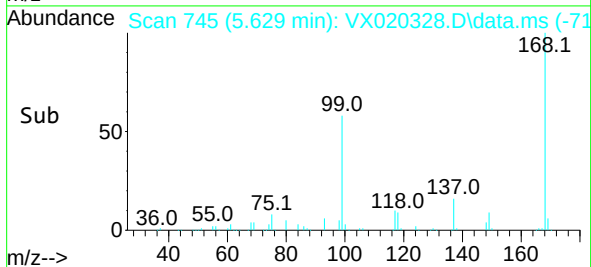
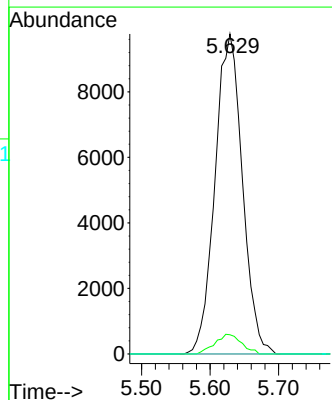
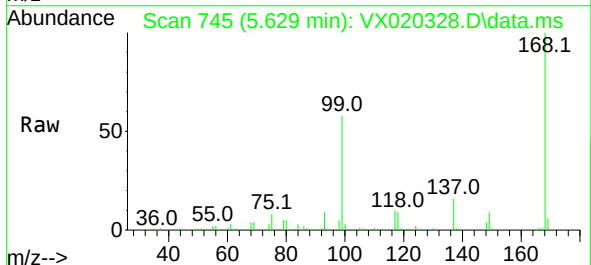
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

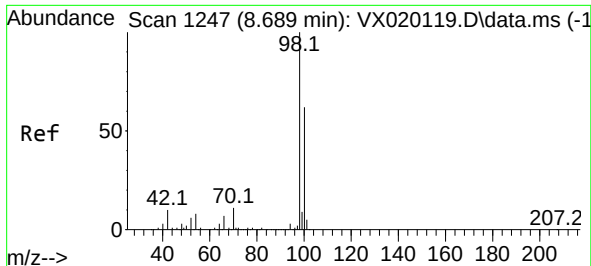
Tgt Ion: 75 Resp: 20826
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion: 117 Resp: 27078
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

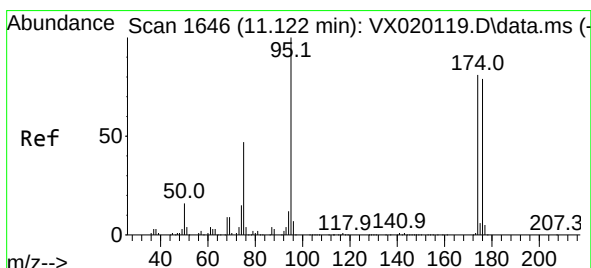
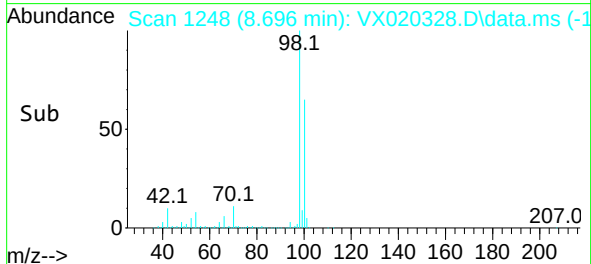
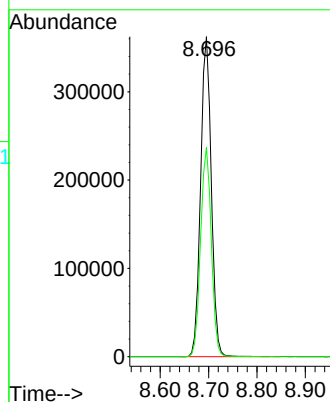
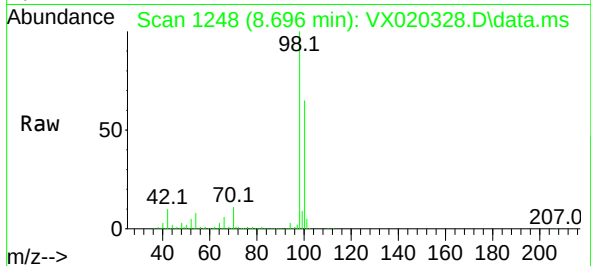




#50
Toluene-d8
Concen: 49.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

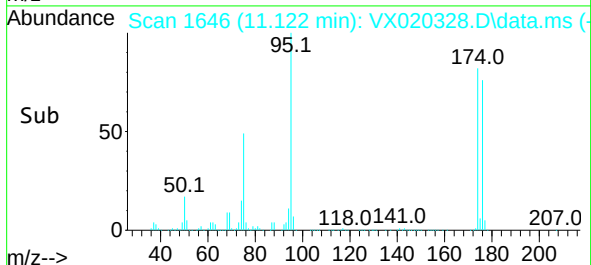
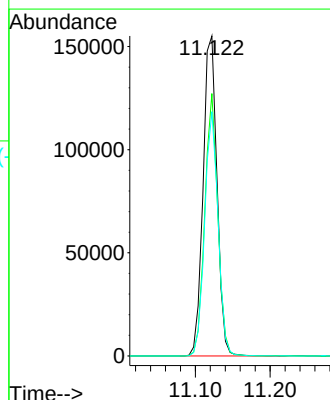
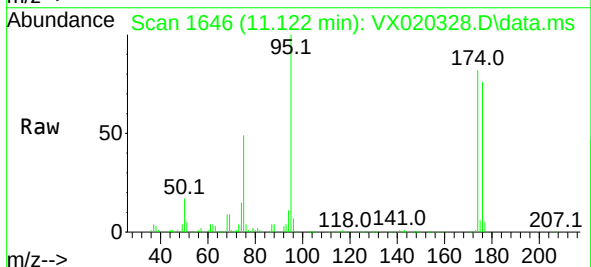
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

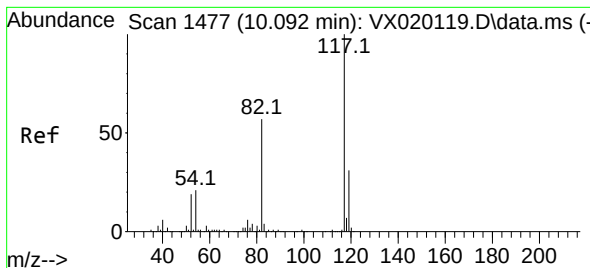
Tgt Ion: 98 Resp: 554424
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion: 95 Resp: 200345
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 73.7 0.0 155.8

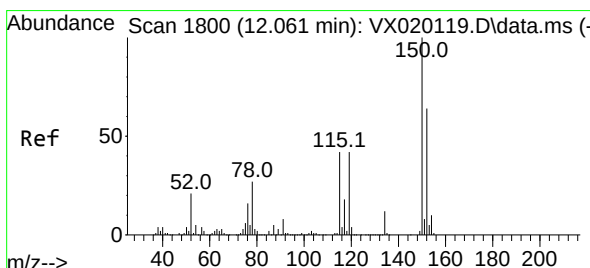
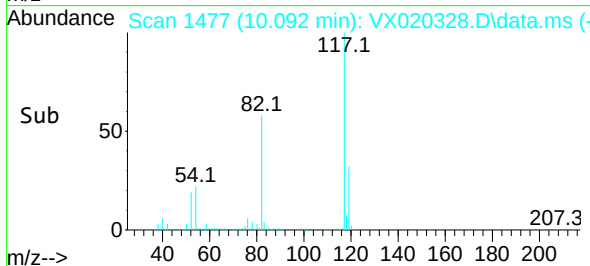
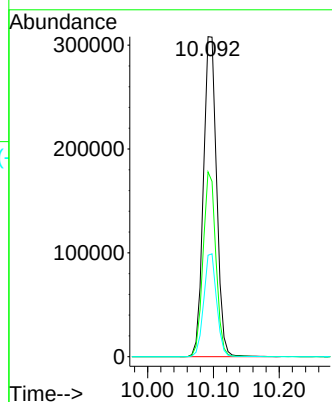
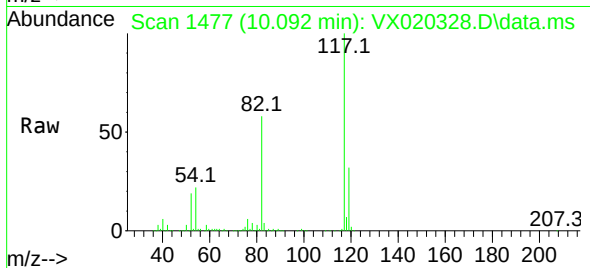




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

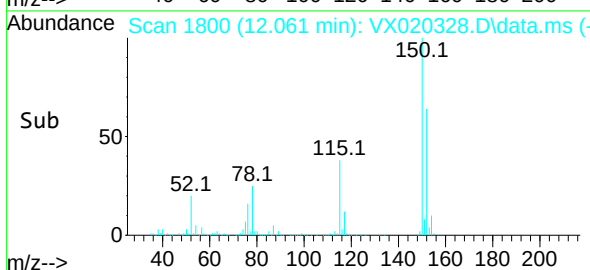
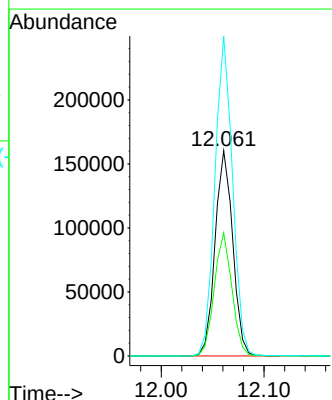
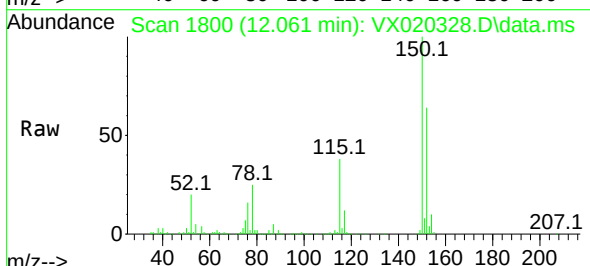
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

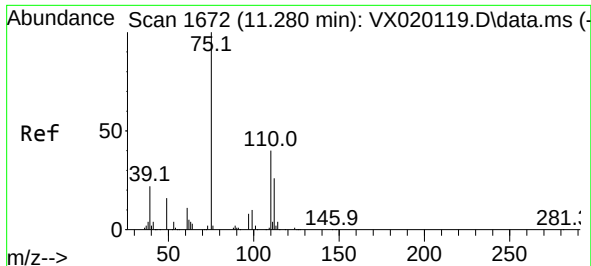
Tgt Ion:117 Resp: 430020
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.7 26.6 39.8



#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 01:36

Tgt Ion:152 Resp: 190866
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 155.6 0.0 349.0

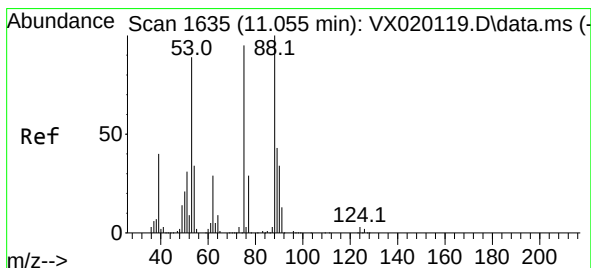
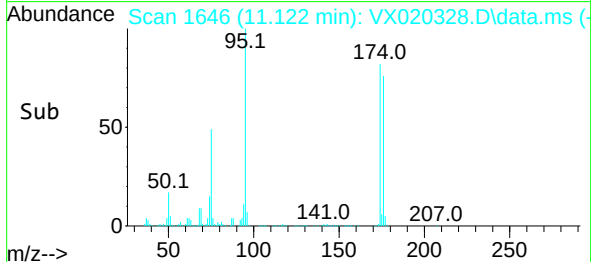
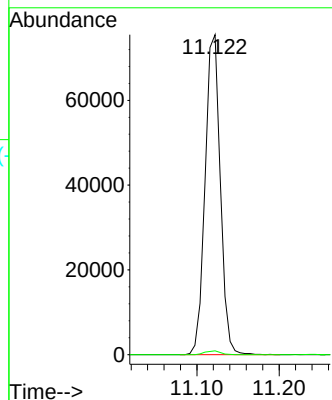
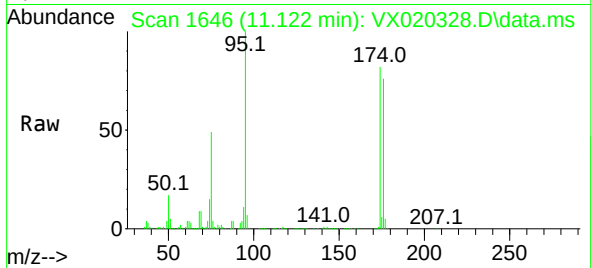




#76
1,2,3-Trichloropropane
Concen: 20.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion: 75 Resp: 96903
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.15 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020328.D
Acq: 23 Dec 2020 01:36

Tgt Ion: 75 Resp: 96903
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

