

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020175.D
 Acq On : 19 Dec 2020 16:47
 Operator : JC/MD
 Sample : L5096-12 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW028-121220

Quant Time: Dec 21 02:34:05 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)

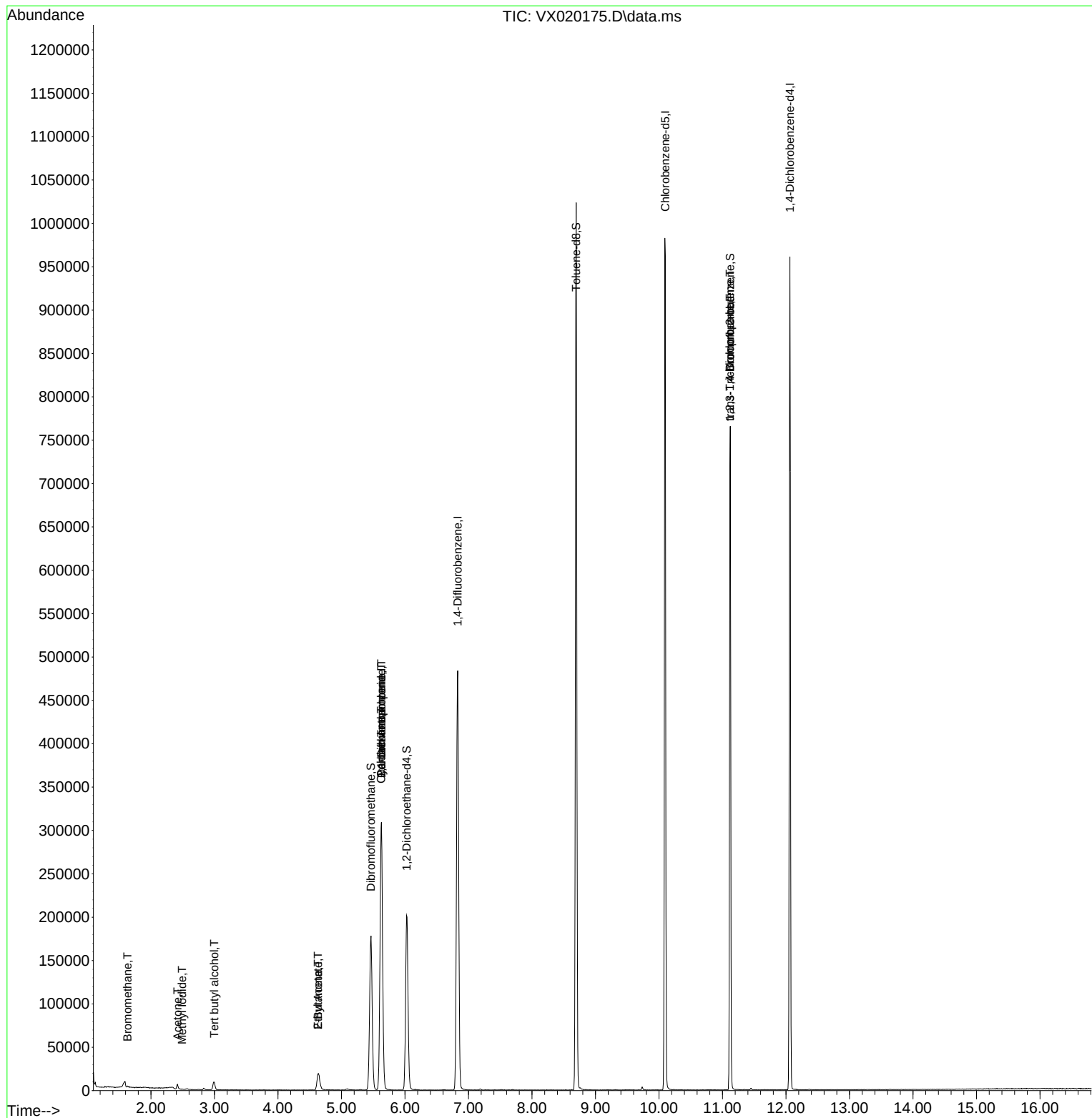
Internal Standards						
1) Pentafluorobenzene	5.629	168	292892	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	500060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	465413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	204652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	193933	49.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.80%		
35) Dibromofluoromethane	5.465	113	156634	48.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.94%		
50) Toluene-d8	8.696	98	603752	49.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.06%		
62) 4-Bromofluorobenzene	11.122	95	213580	45.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.64%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	537	0.42	ug/l #	74
10) Methyl Iodide	2.489	142	325	3.36	ug/l #	82
11) Tert butyl alcohol	2.995	59	5589	6.36	ug/l #	76
16) Acetone	2.416	43	5642	3.15	ug/l	92
25) 2-Butanone	4.629	43	27298	10.48	ug/l	99
31) Cyclohexane	5.623	56	5664	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22890	4.63	ug/l #	49
37) Ethyl Acetate	4.629	43	27298	5.32	ug/l #	66
38) Carbon Tetrachloride	5.629	117	29077	6.19	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	103463	20.52	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	103463	60.89	ug/l #	12

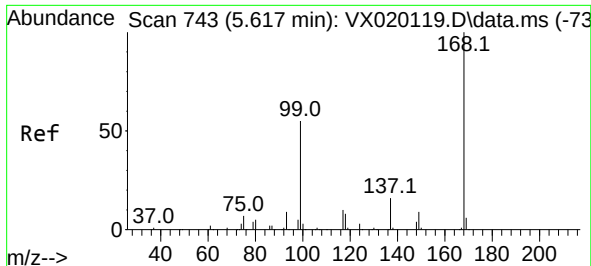
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
49-MW028-121220

Quant Time: Dec 21 02:34:05 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

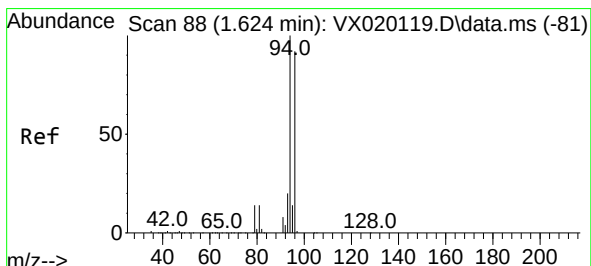
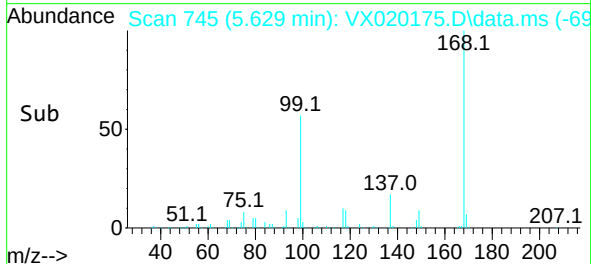
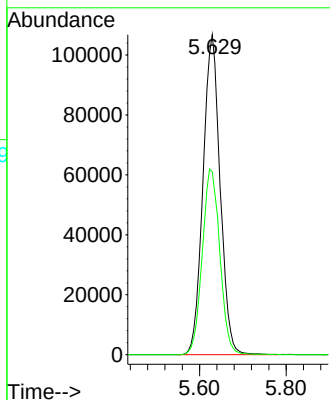
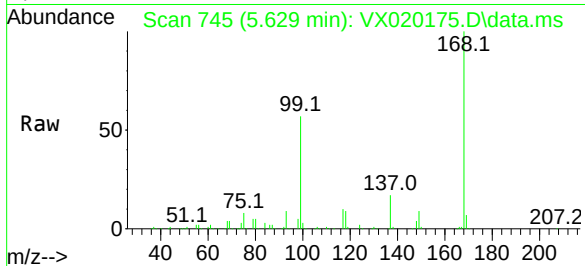




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

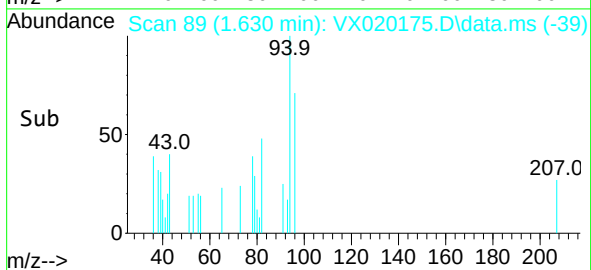
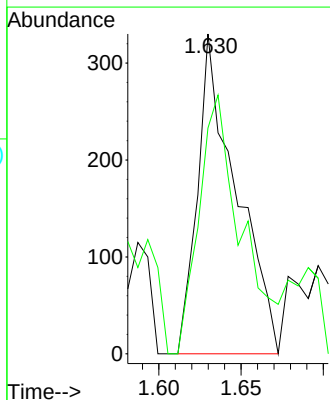
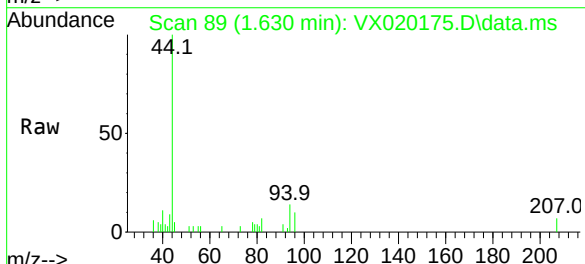
Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

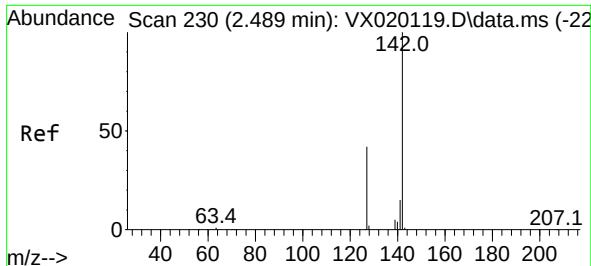
Tgt Ion:168 Resp: 292892
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

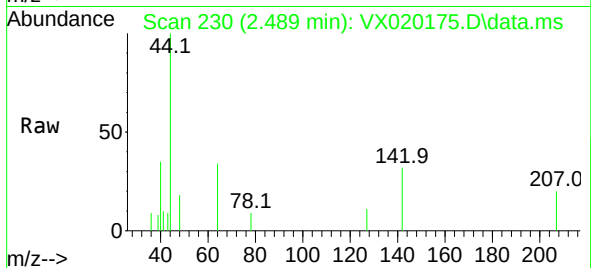
Tgt Ion: 94 Resp: 537
Ion Ratio Lower Upper
94 100
96 70.6 76.4 114.6#



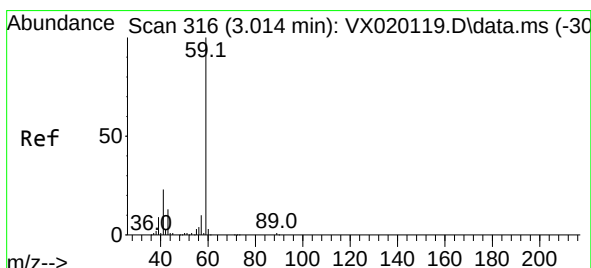
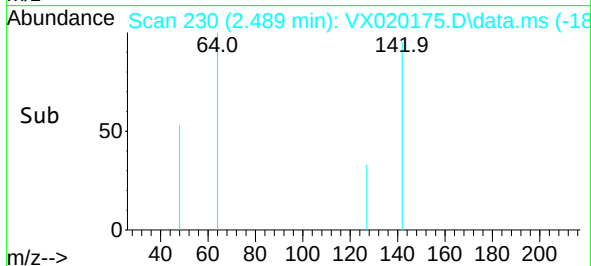
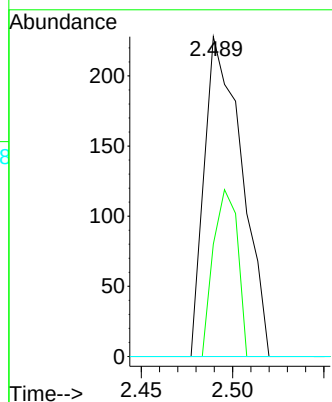


#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

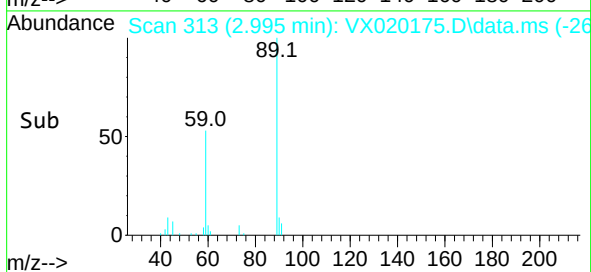
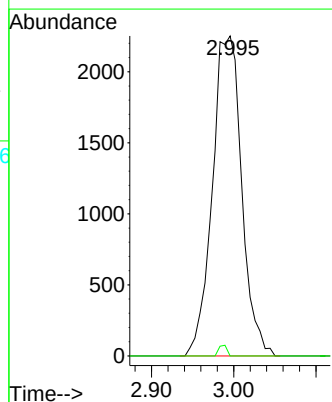
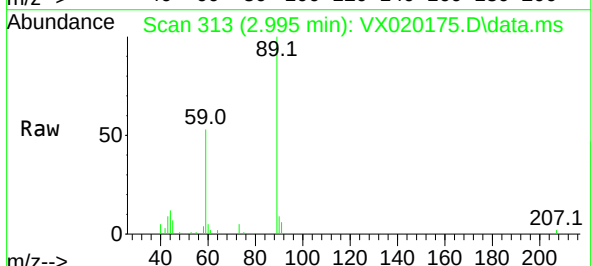


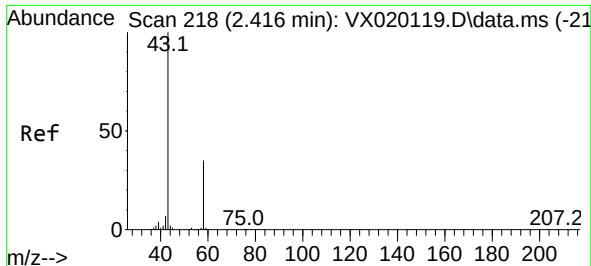
Tgt Ion	Ratio	Lower	Upper
142	100		
127	33.8	33.3	49.9
141	0.0	11.4	17.0



#11
Tert butyl alcohol
Concen: 6.36 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.9	7.8	11.8

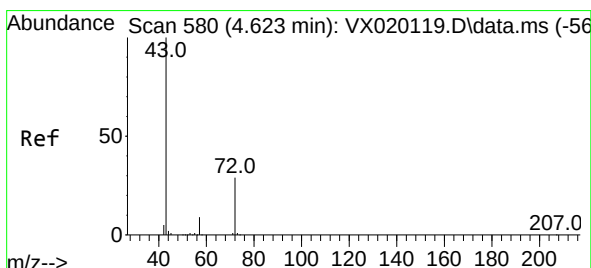
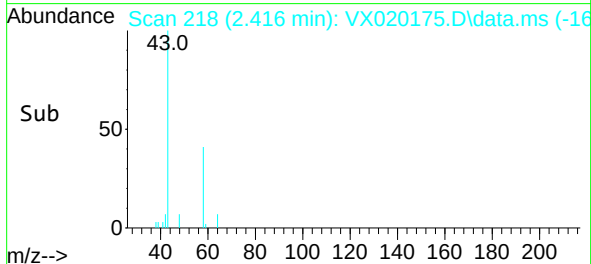
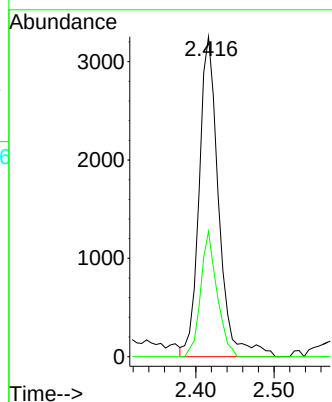
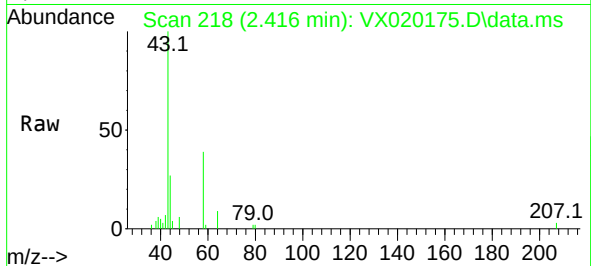




#16
Acetone
Concen: 3.15 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

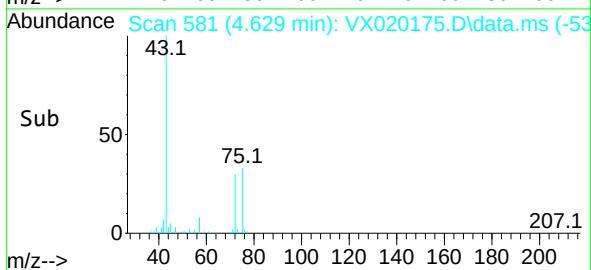
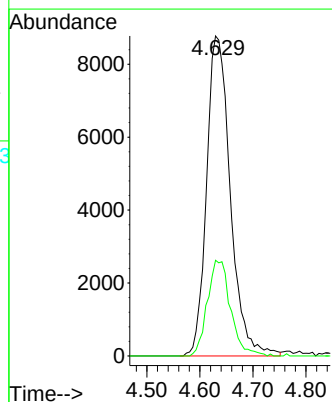
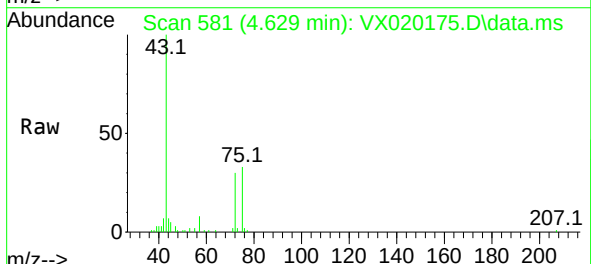
Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

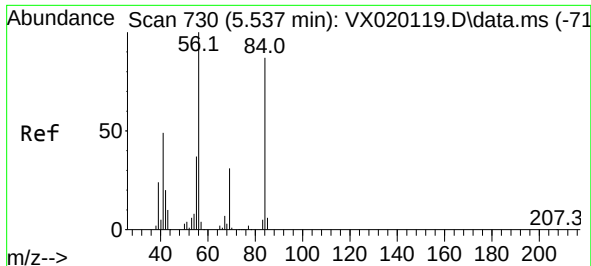
Tgt Ion: 43 Resp: 5642
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#25
2-Butanone
Concen: 10.48 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

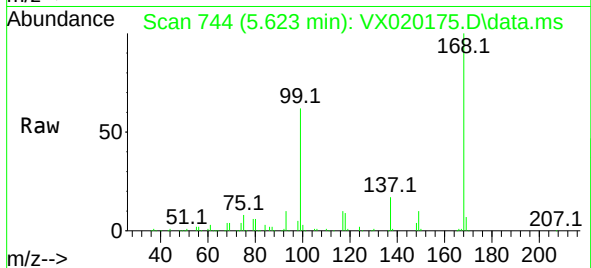
Tgt Ion: 43 Resp: 27298
Ion Ratio Lower Upper
43 100
72 29.9 23.7 35.5



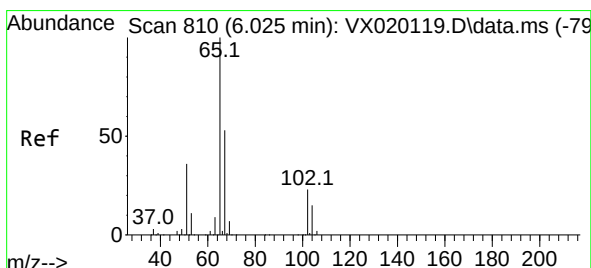
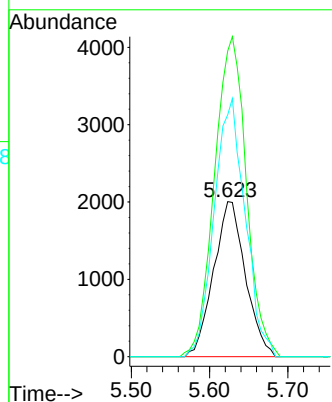
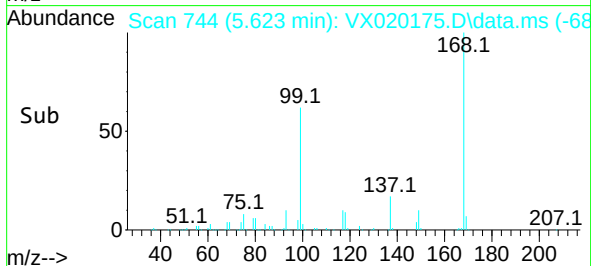


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

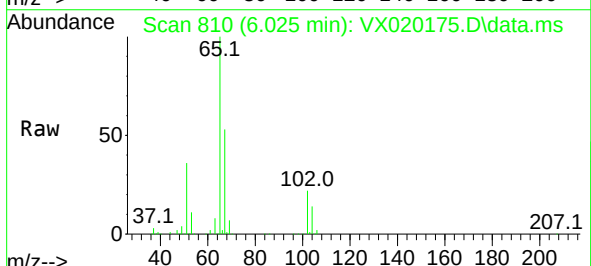
Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220



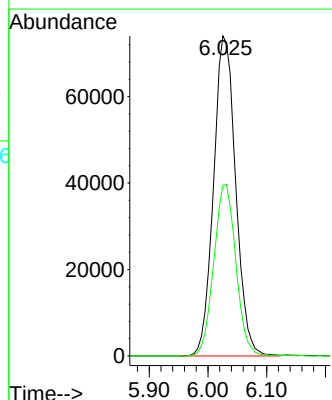
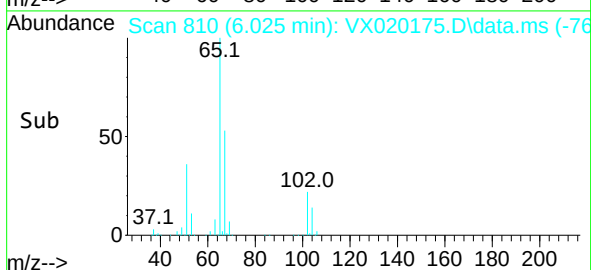
Tgt Ion: 56 Resp: 5664
Ion Ratio Lower Upper
56 100
69 197.3 25.3 37.9#
84 156.1 71.4 107.0#

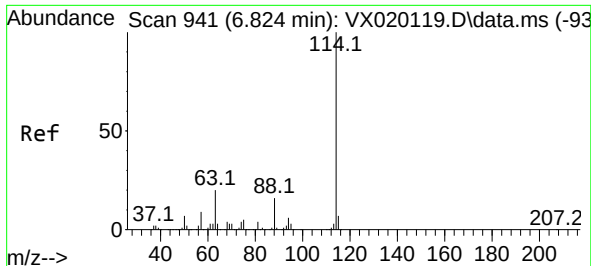


#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47



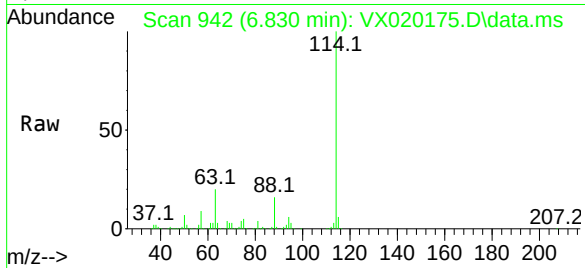
Tgt Ion: 65 Resp: 193933
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



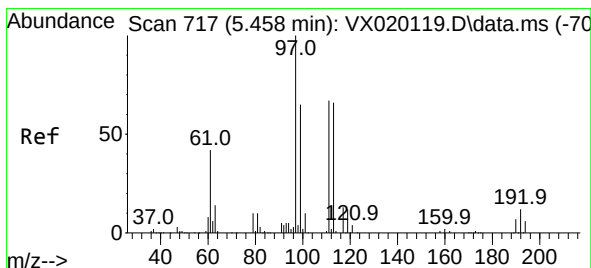
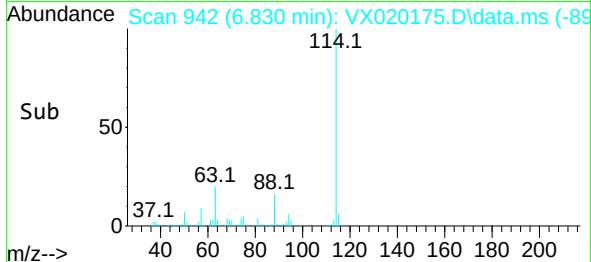
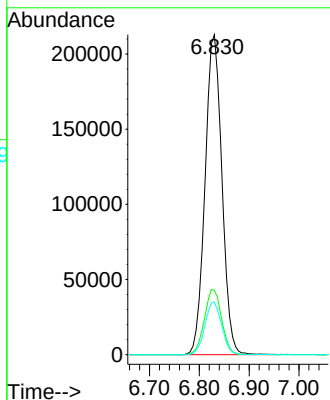


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

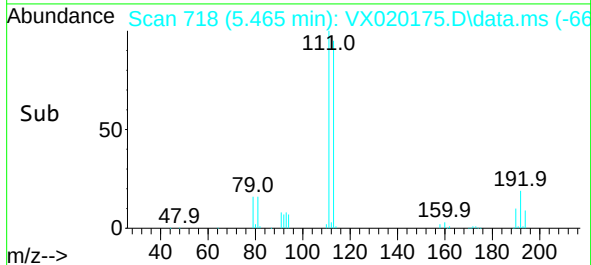
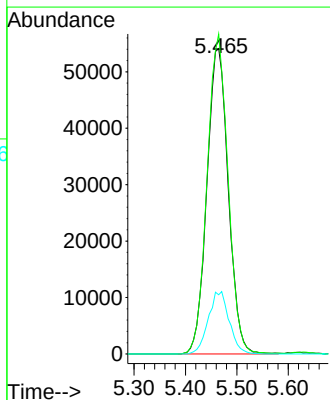
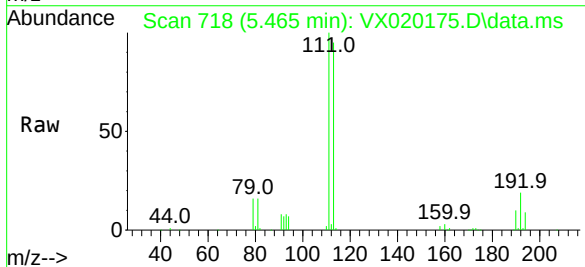


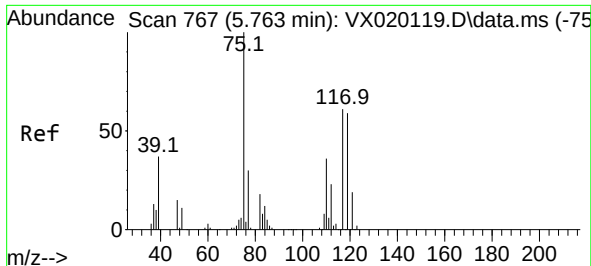
Tgt Ion:114 Resp: 500060
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

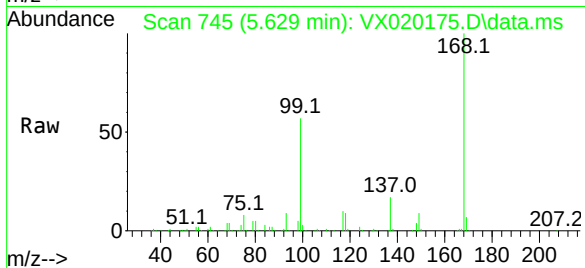
Tgt Ion:113 Resp: 156634
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.0 16.7 25.1



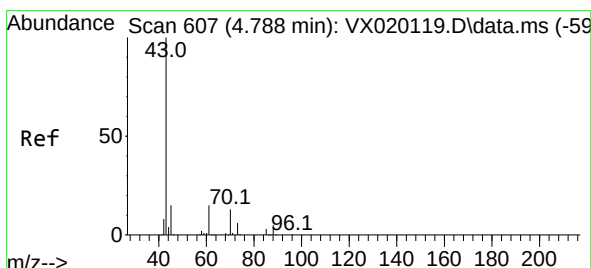
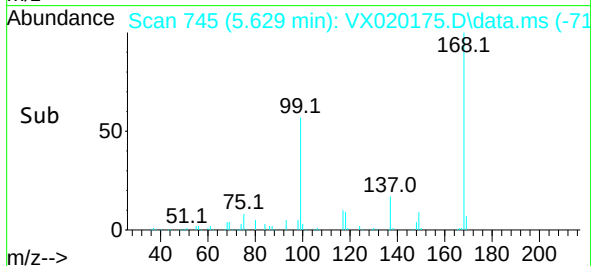
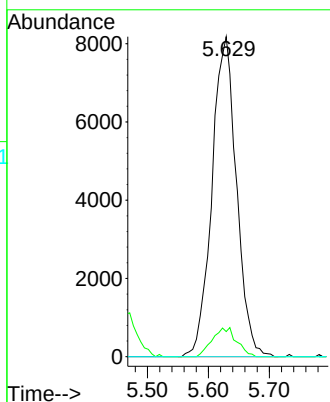


#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

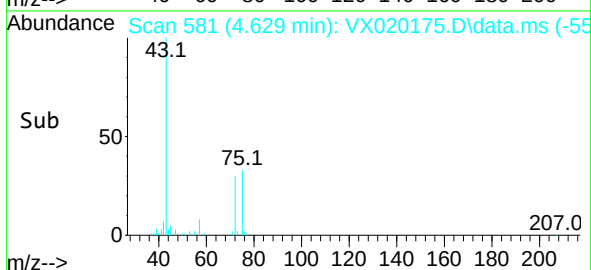
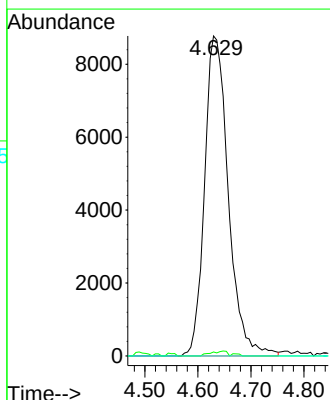
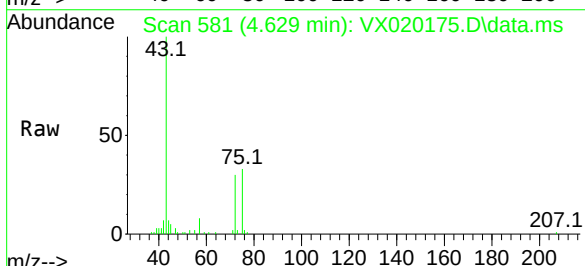


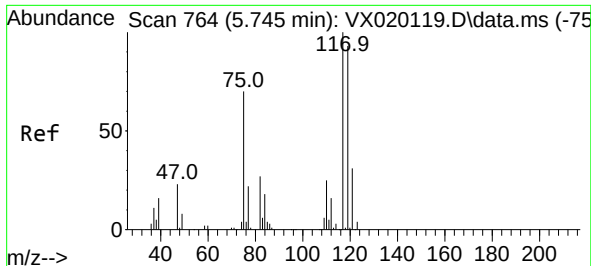
Tgt Ion: 75 Resp: 22890
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 5.32 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.159 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

Tgt Ion: 43 Resp: 27298
Ion Ratio Lower Upper
43 100
61 1.0 12.8 19.2#
70 0.0 10.5 15.7#

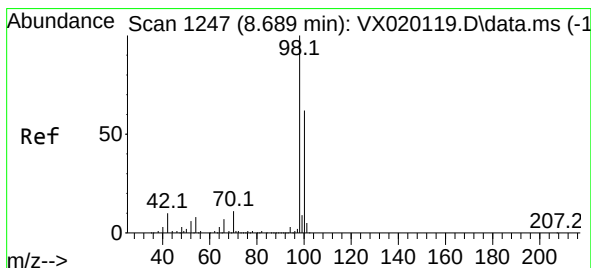
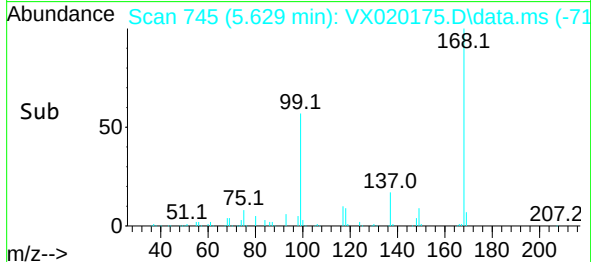
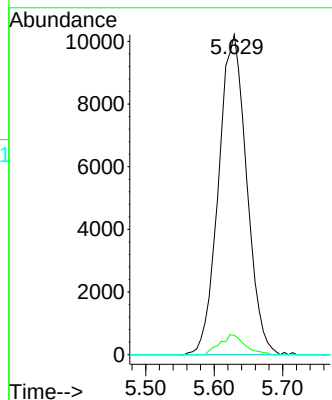
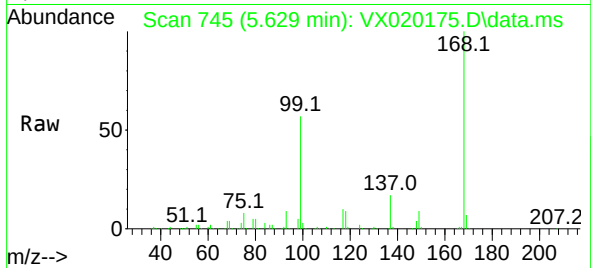




#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

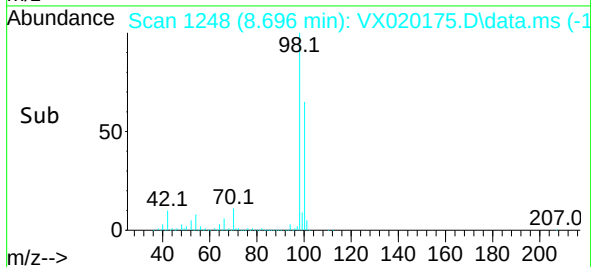
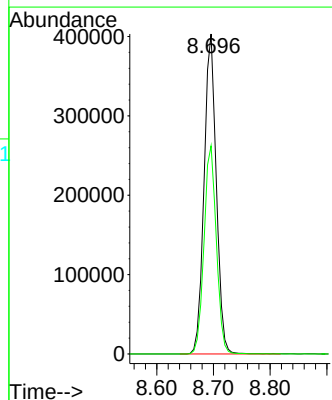
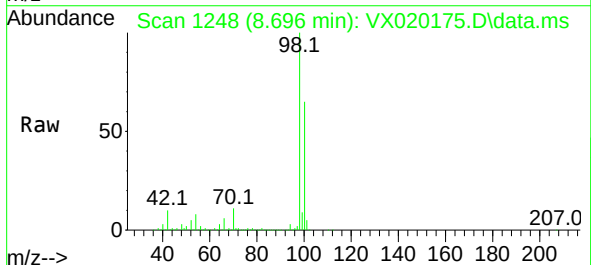
Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

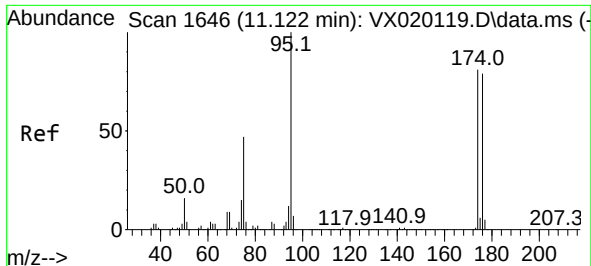
Tgt Ion:117 Resp: 29077
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.03 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

Tgt Ion: 98 Resp: 603752
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

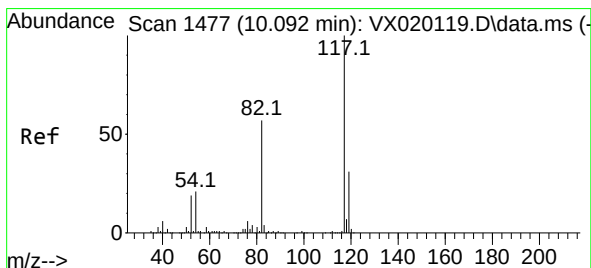
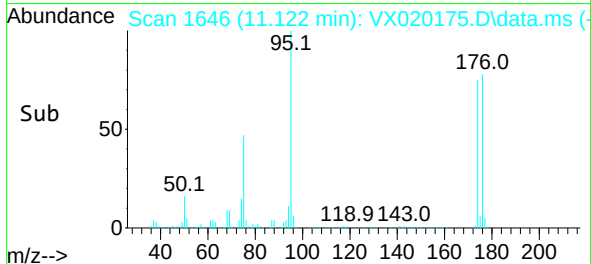
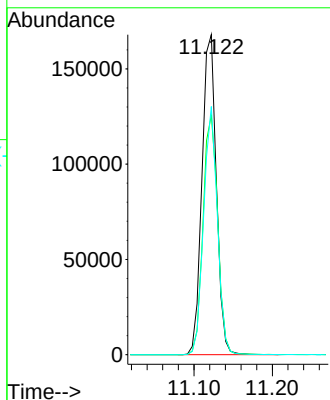
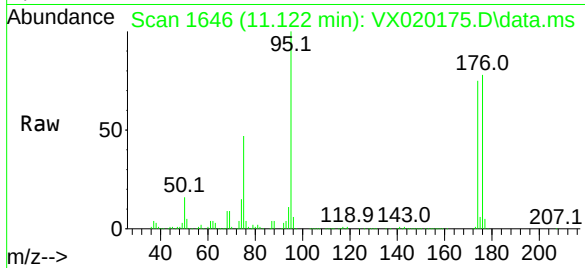




#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

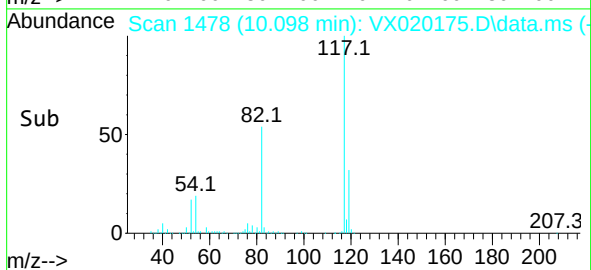
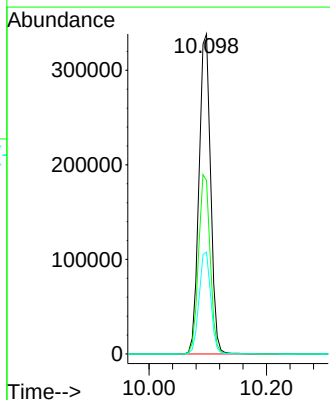
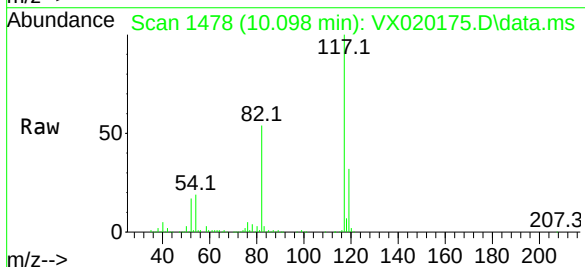
Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

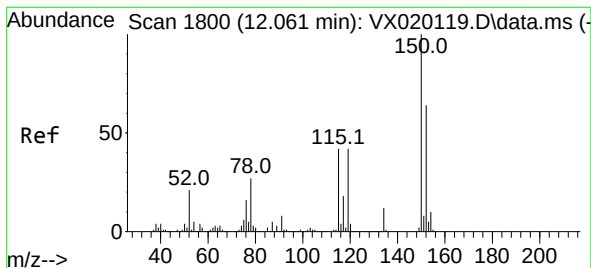
Tgt Ion: 95 Resp: 213580
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 74.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

Tgt Ion: 117 Resp: 465413
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 31.9 26.6 39.8

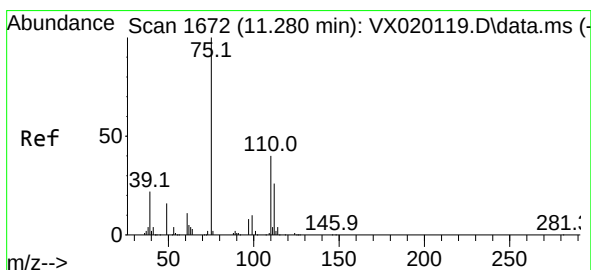
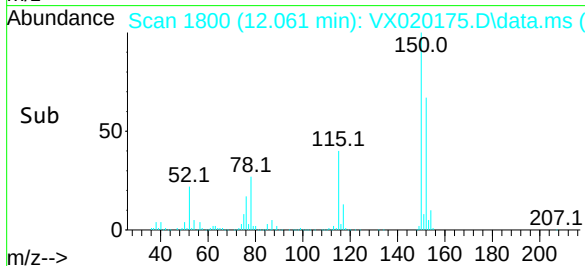
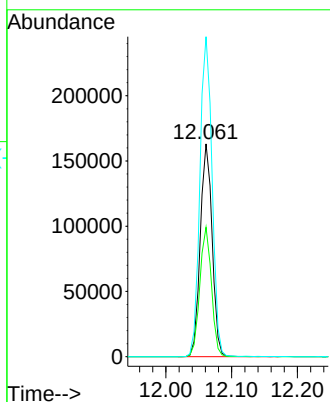
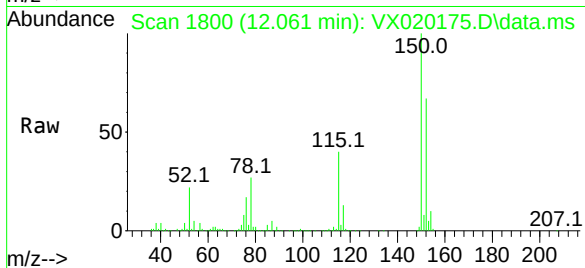




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

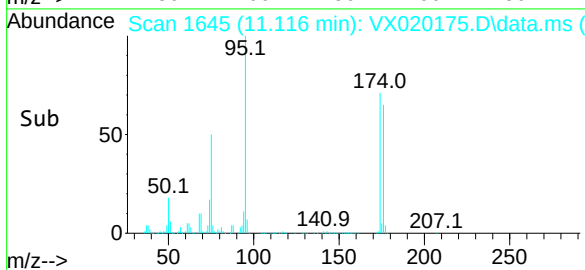
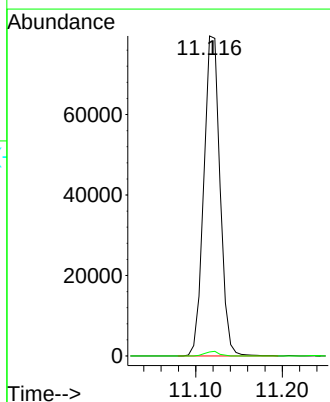
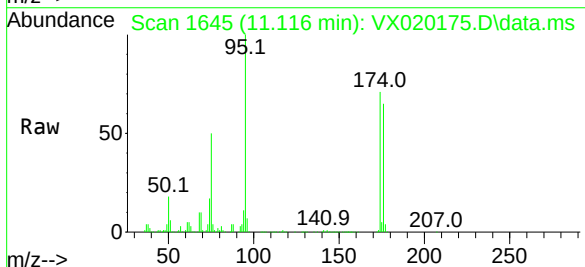
Instrument :
MSVOA_X
ClientSampleId :
49-MW028-121220

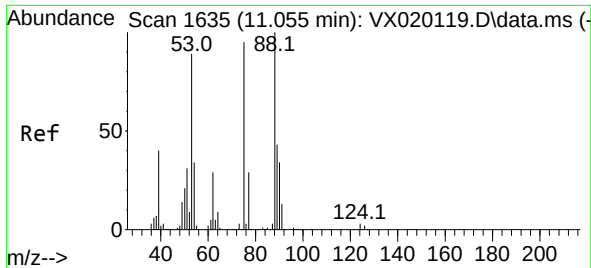
Tgt Ion:152 Resp: 204652
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 154.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.52 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020175.D
Acq: 19 Dec 2020 16:47

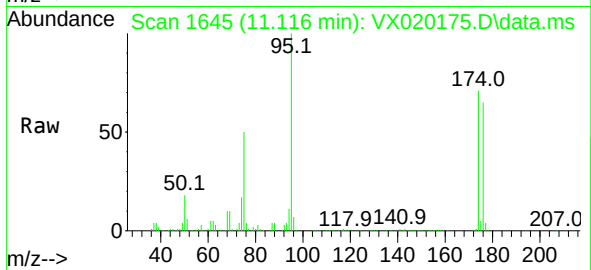
Tgt Ion: 75 Resp: 103463
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.89 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020175.D
 Acq: 19 Dec 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW028-121220



Tgt Ion: 75 Resp: 103463
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

