

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020436.D
 Acq On : 29 Dec 2020 15:56
 Operator : JC/MD
 Sample : L5236-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1020-MW-15(17)

Quant Time: Dec 30 02:37:55 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)

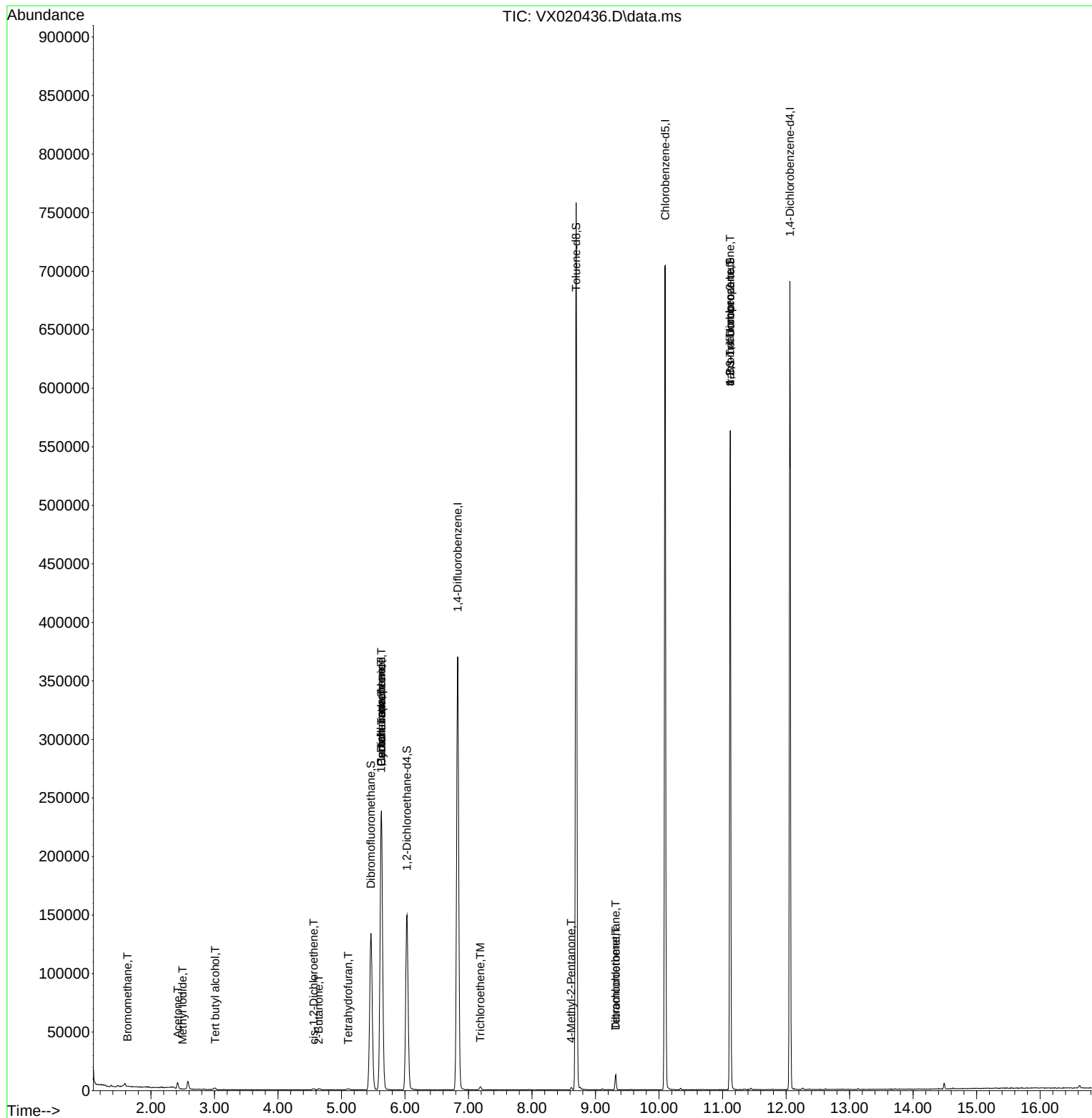
Internal Standards						
1) Pentafluorobenzene	5.629	168	233241	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	378821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	347626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	142555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	141014	45.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.20%		
35) Dibromofluoromethane	5.465	113	118144	48.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.50%		
50) Toluene-d8	8.696	98	454752	48.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.50%		
62) 4-Bromofluorobenzene	11.122	95	156224	43.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.52%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	482	0.47	ug/l	83
10) Methyl Iodide	2.496	142	198	3.34	ug/l #	42
11) Tert butyl alcohol	3.014	59	1711	2.44	ug/l #	80
16) Acetone	2.422	43	5749	4.03	ug/l	95
25) 2-Butanone	4.641	43	1169	0.56	ug/l	92
27) cis-1,2-Dichloroethene	4.562	96	687	0.21	ug/l	92
29) Tetrahydrofuran	5.105	42	933	0.71	ug/l #	59
31) Cyclohexane	5.629	56	3926	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	16897	4.51	ug/l #	49
38) Carbon Tetrachloride	5.629	117	21814	6.13	ug/l #	16
44) Trichloroethene	7.184	130	1190	0.40	ug/l	79
51) 4-Methyl-2-Pentanone	8.616	43	1300	0.34	ug/l	96
60) Dibromochloromethane	9.317	129	2395	0.82	ug/l #	11
64) Tetrachloroethene	9.317	164	2616	1.00	ug/l #	81
76) 1,2,3-Trichloropropane	11.122	75	72015	20.51	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	72015	60.84	ug/l #	12

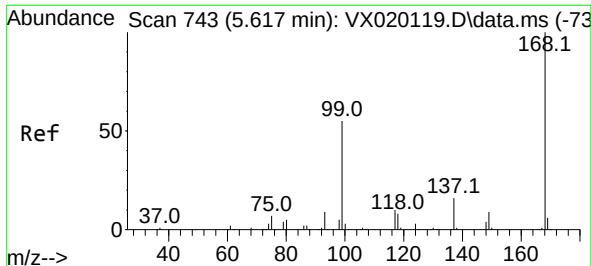
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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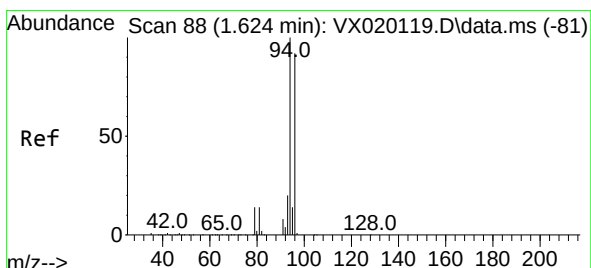
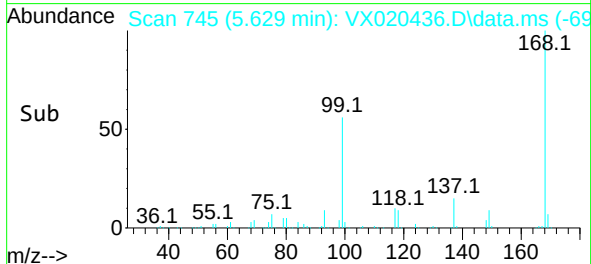
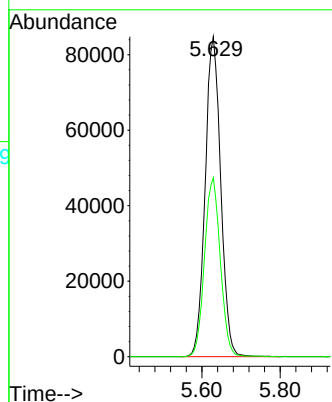
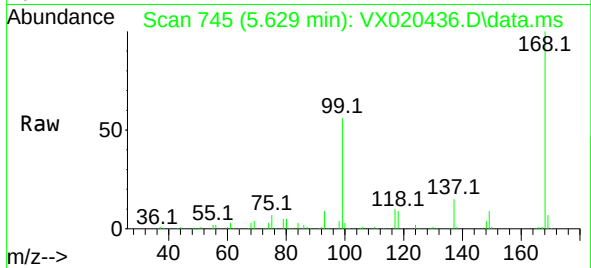




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

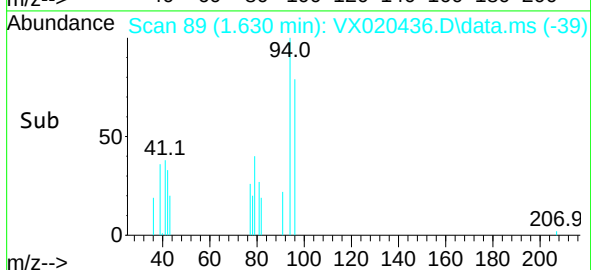
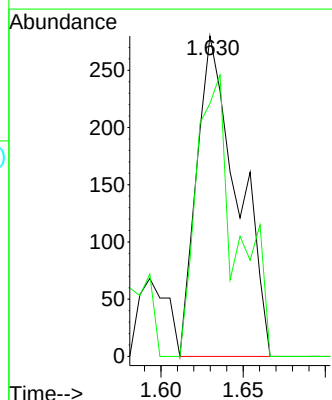
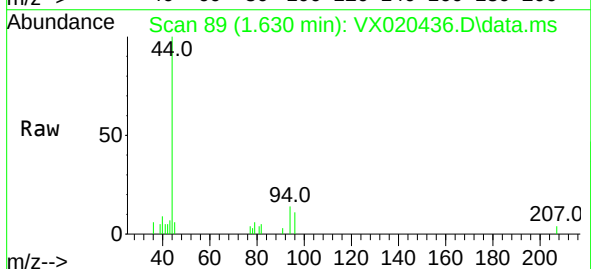
Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

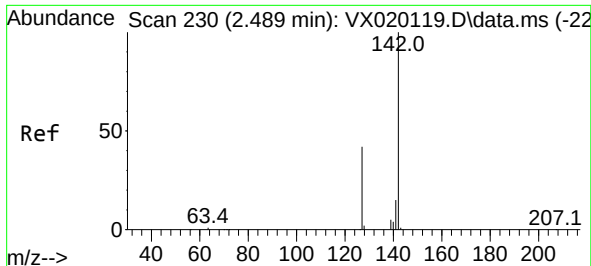
Tgt Ion:168 Resp: 233241
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

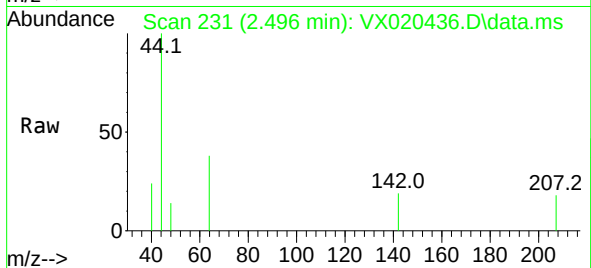
Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 78.9 76.4 114.6



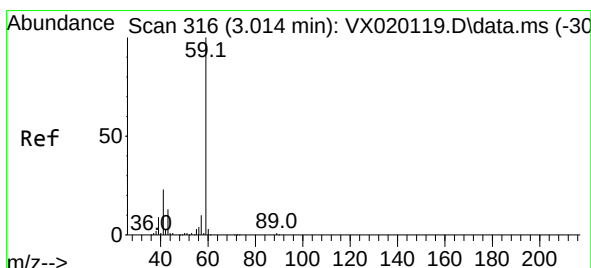
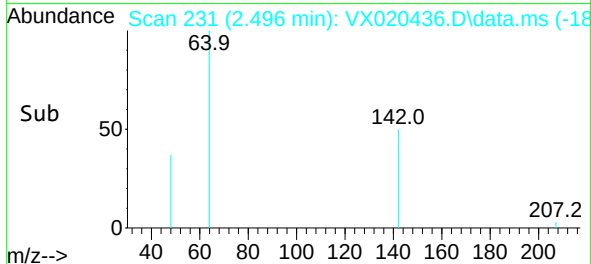
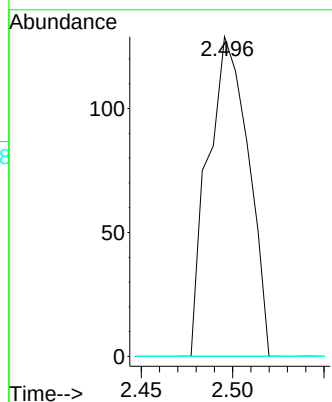


#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

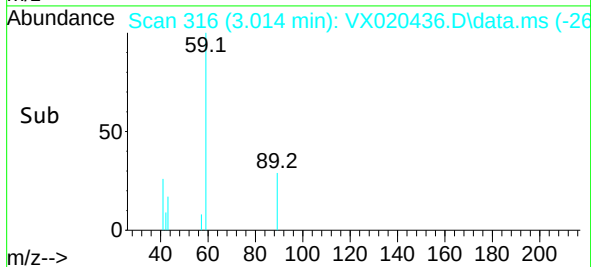
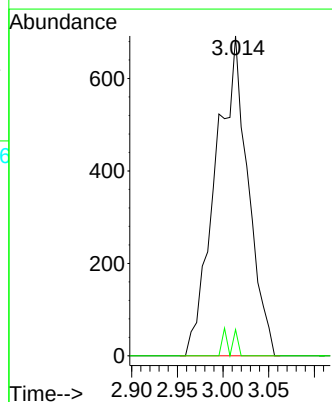
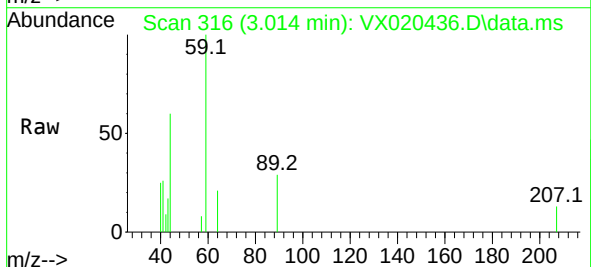


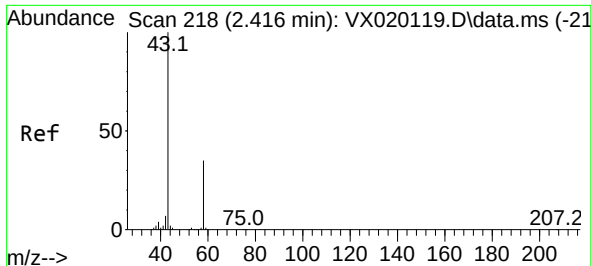
Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.44 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion: 59 Resp: 1711
Ion Ratio Lower Upper
59 100
57 2.5 7.8 11.8#

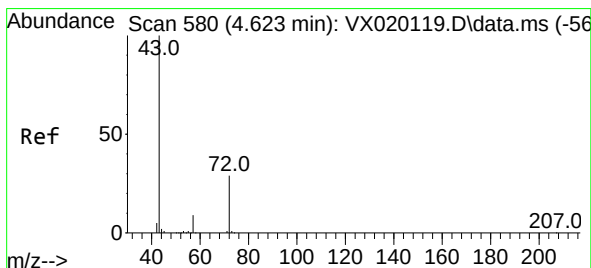
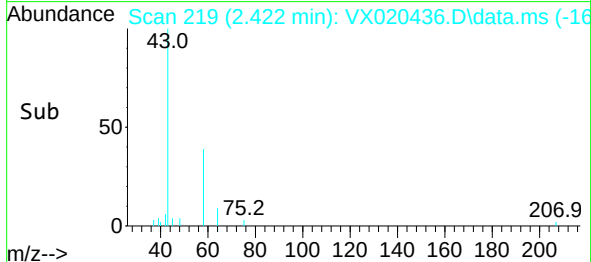
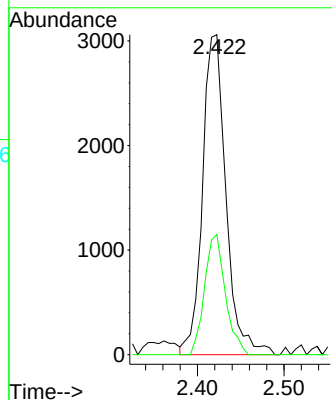
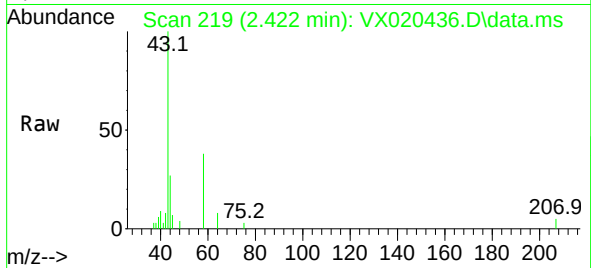




#16
Acetone
Concen: 4.03 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

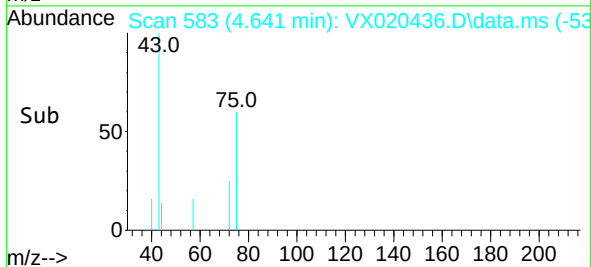
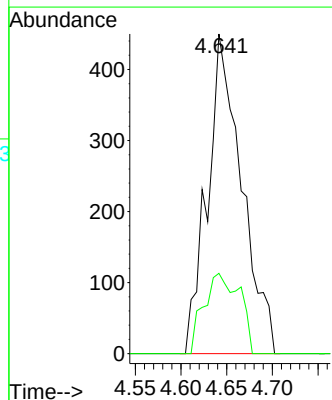
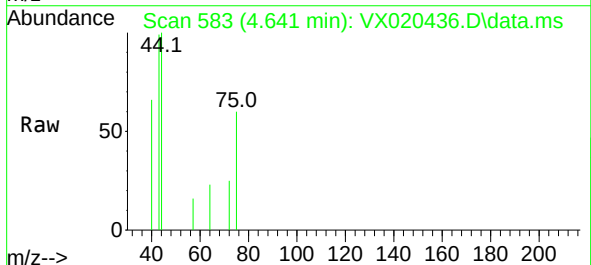
Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

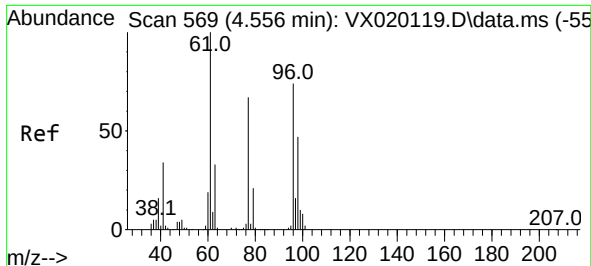
Tgt Ion: 43 Resp: 5749
Ion Ratio Lower Upper
43 100
58 37.6 27.8 41.8



#25
2-Butanone
Concen: 0.56 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
72 25.1 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.21 ug/l

RT: 4.562 min Scan# 570

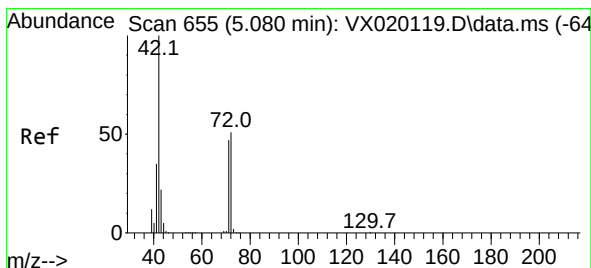
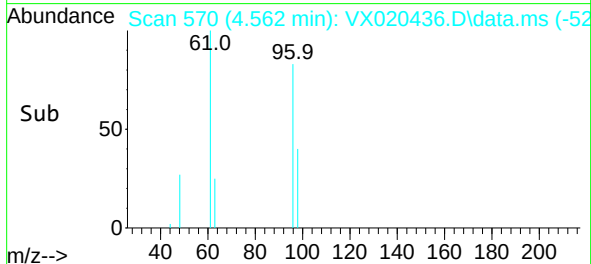
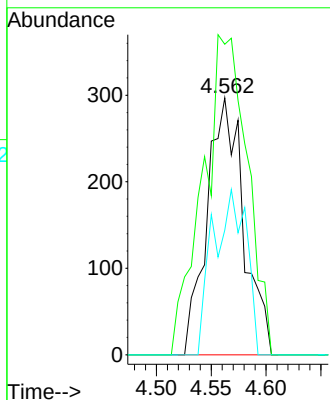
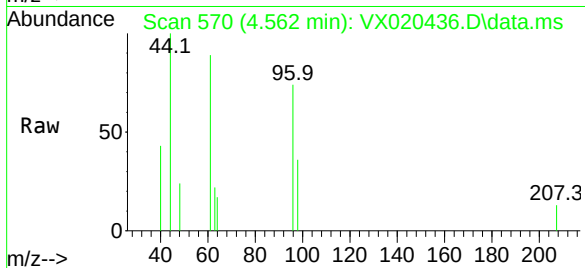
Delta R.T. 0.006 min

Lab File: VX020436.D

Acq: 29 Dec 2020 15:56

Tgt Ion:	96	Resp:	687
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	285.6
98	58.5	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)



#29

Tetrahydrofuran

Concen: 0.71 ug/l

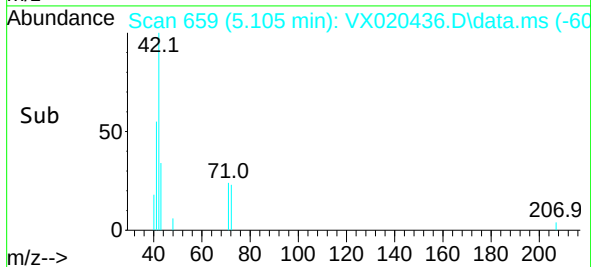
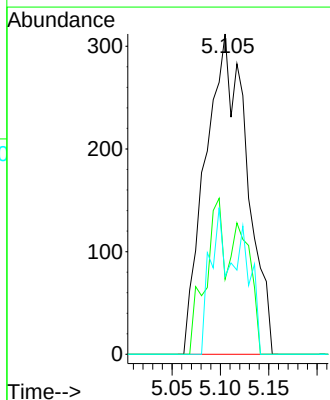
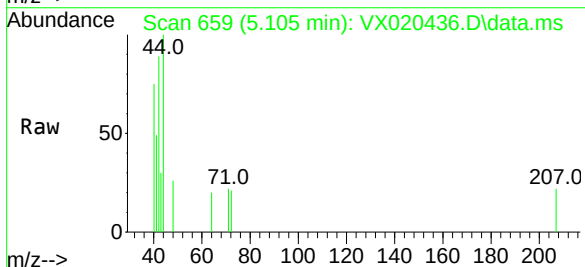
RT: 5.105 min Scan# 659

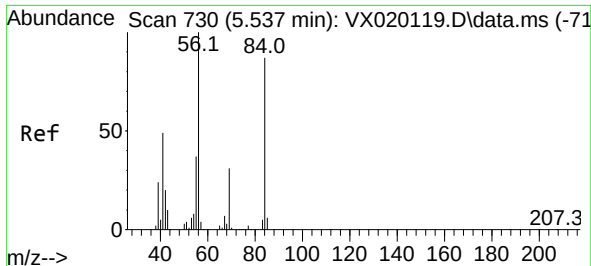
Delta R.T. 0.025 min

Lab File: VX020436.D

Acq: 29 Dec 2020 15:56

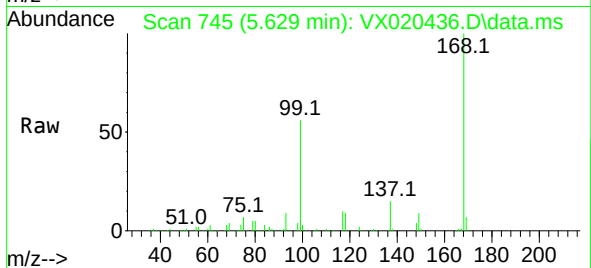
Tgt Ion:	42	Resp:	933
Ion	Ratio	Lower	Upper
42	100		
72	21.7	41.7	62.5#
71	22.5	38.4	57.6#



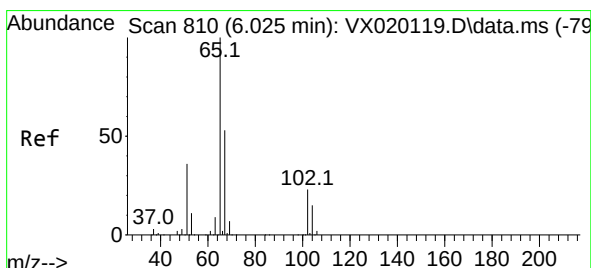
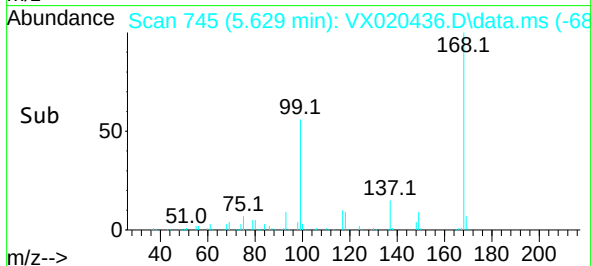
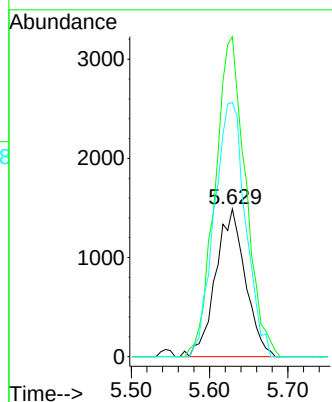


#31
Cyclohexane
Concen: 0.91 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

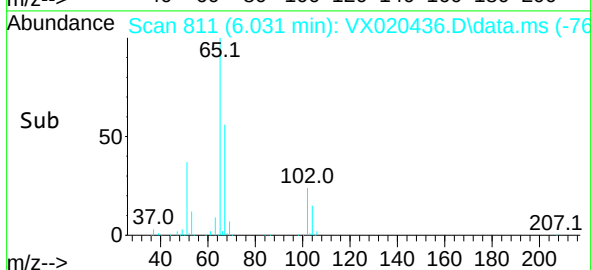
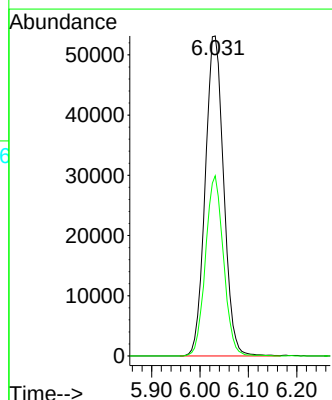
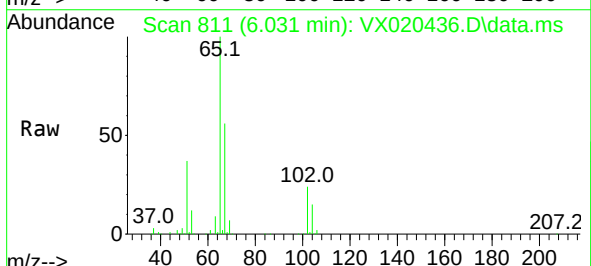


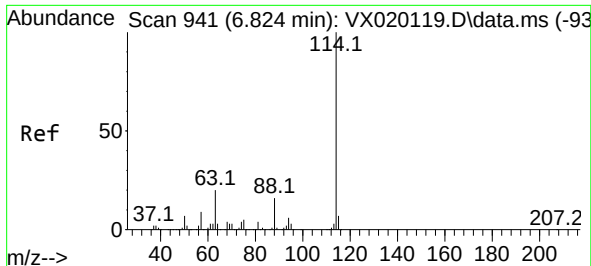
Tgt Ion: 56 Resp: 3926
Ion Ratio Lower Upper
56 100
69 216.8 25.3 37.9#
84 172.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 45.10 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

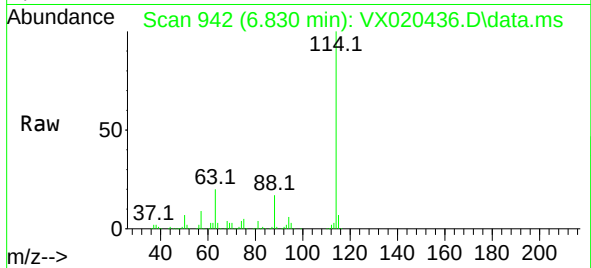
Tgt Ion: 65 Resp: 141014
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.4



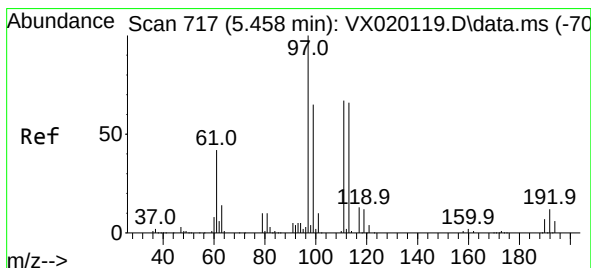
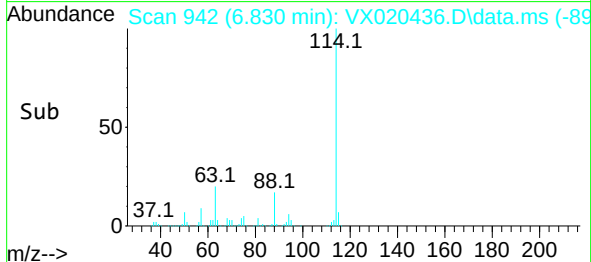
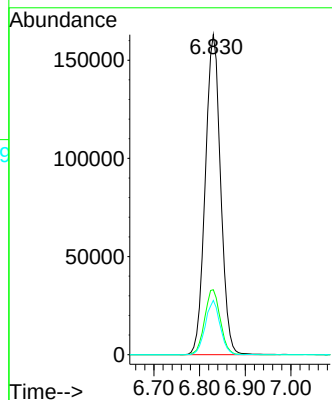


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

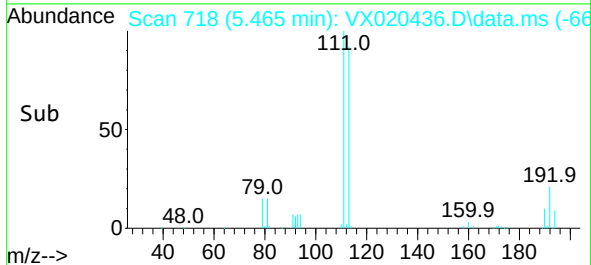
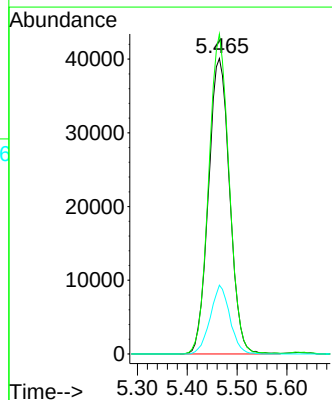
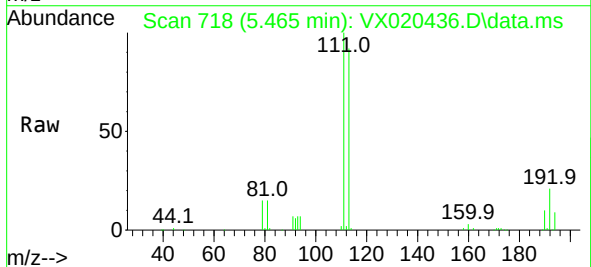


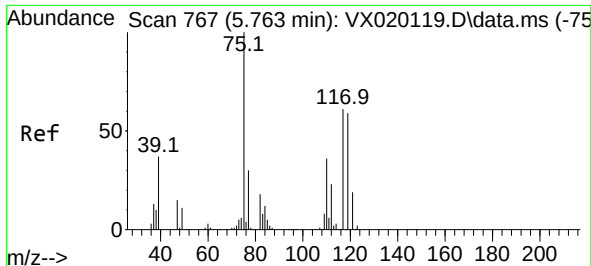
Tgt Ion:114 Resp: 378821
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.75 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

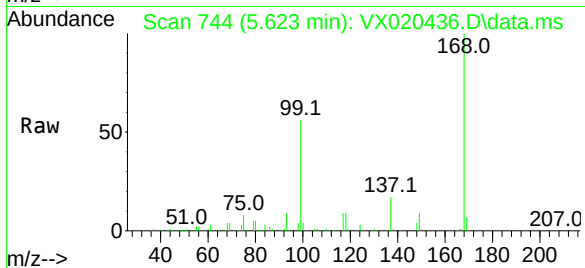
Tgt Ion:113 Resp: 118144
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 21.6 16.7 25.1



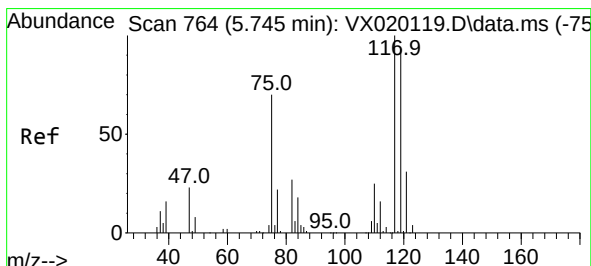
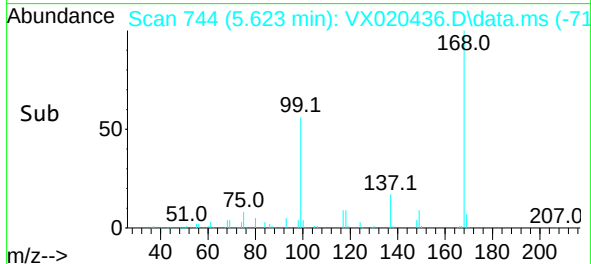
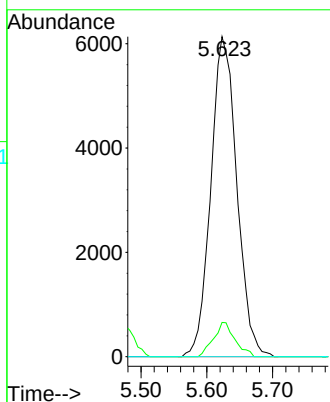


#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

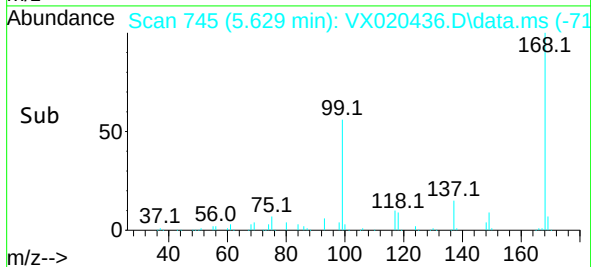
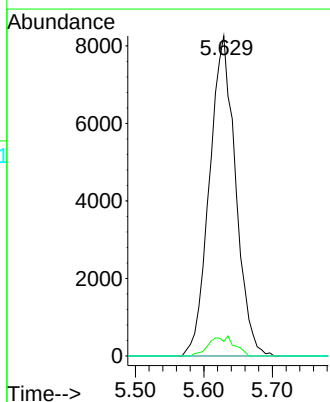
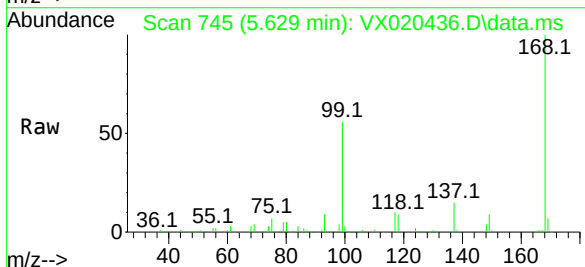


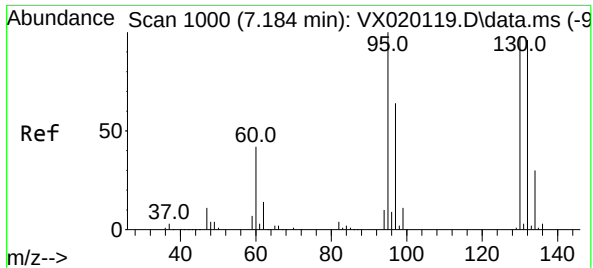
Tgt Ion: 75 Resp: 16897
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion: 117 Resp: 21814
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

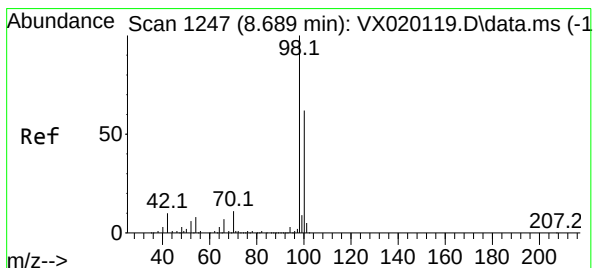
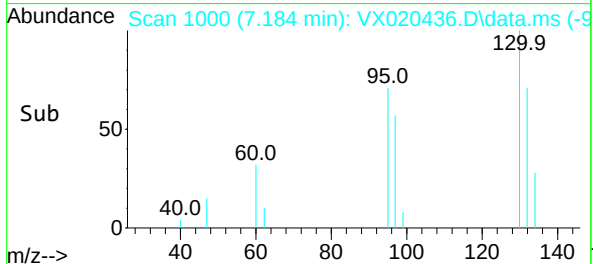
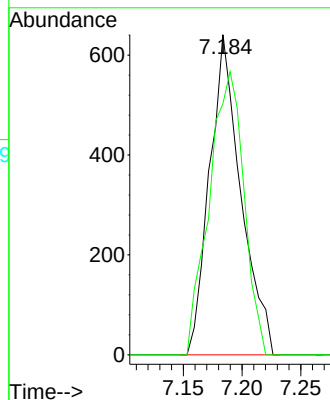
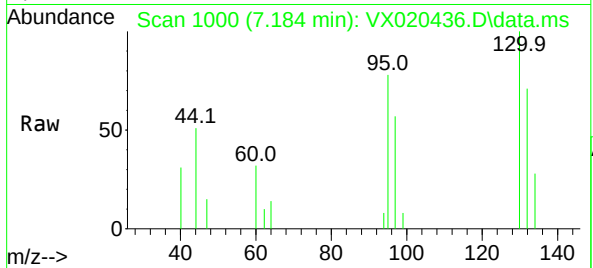




#44
Trichloroethene
Concen: 0.40 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

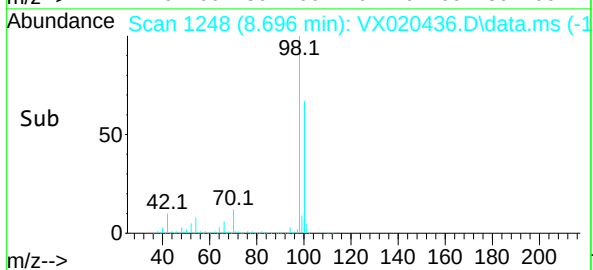
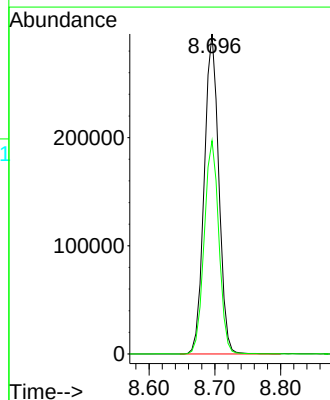
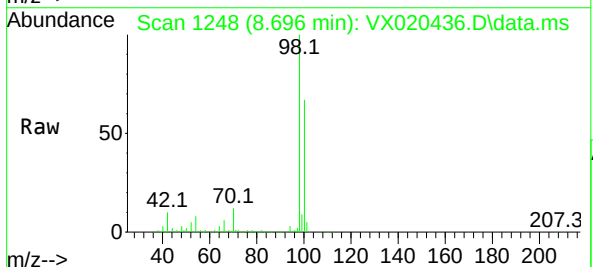
Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

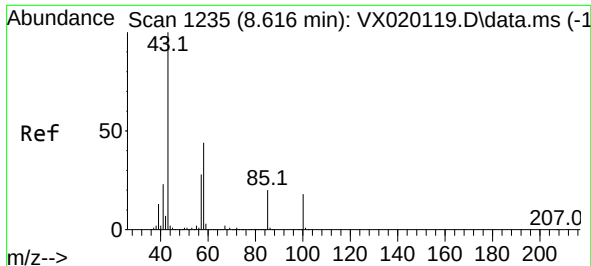
Tgt Ion:130 Resp: 1190
Ion Ratio Lower Upper
130 100
95 78.5 0.0 198.0



#50
Toluene-d8
Concen: 48.75 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion: 98 Resp: 454752
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

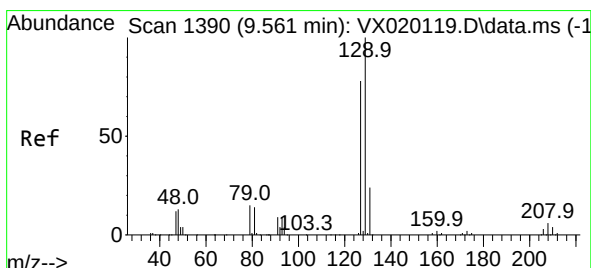
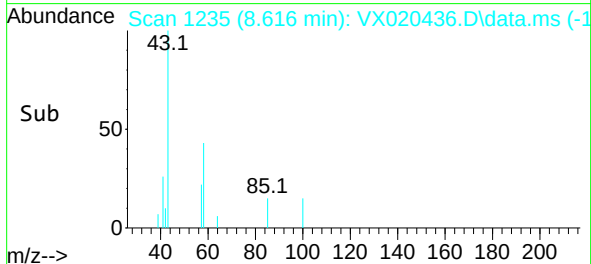
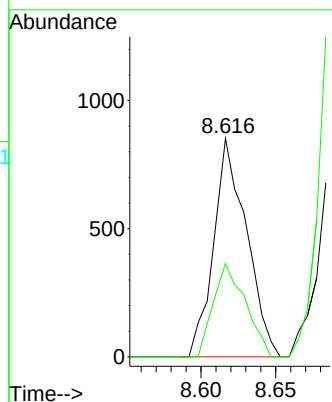
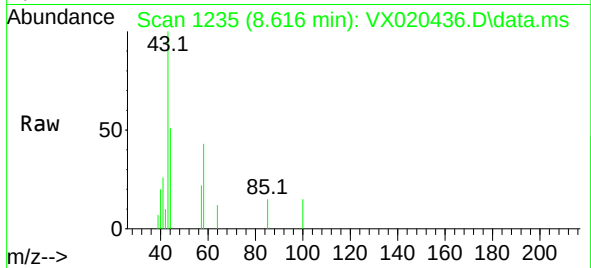




#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

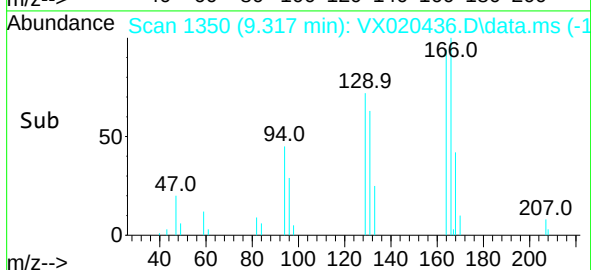
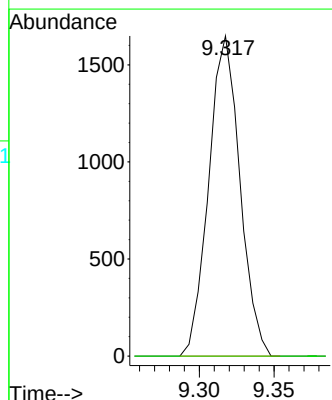
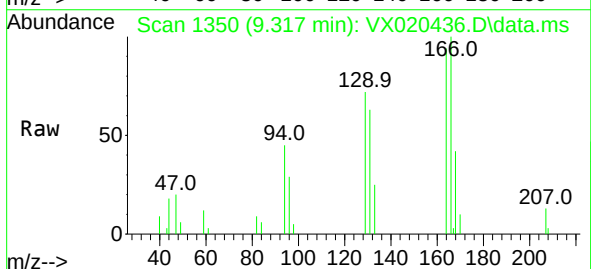
Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

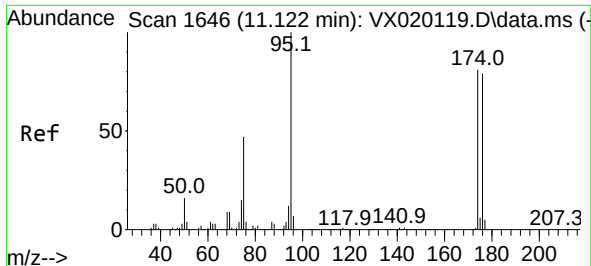
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 41.7 35.4 53.0



#60
Dibromochloromethane
Concen: 0.82 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion: 129 Resp: 2395
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

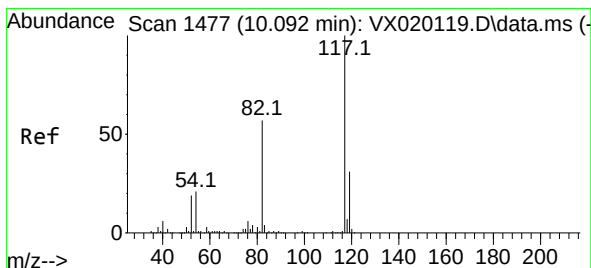
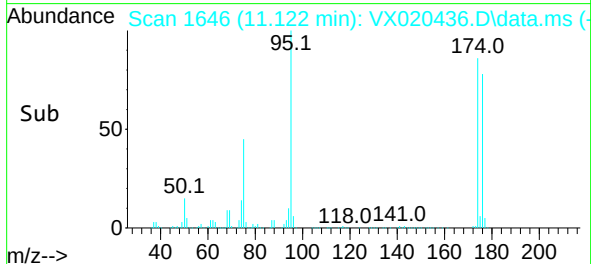
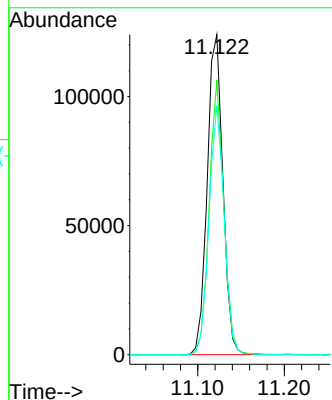
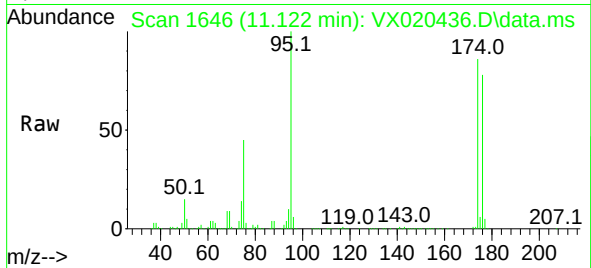




#62
4-Bromofluorobenzene
Concen: 43.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

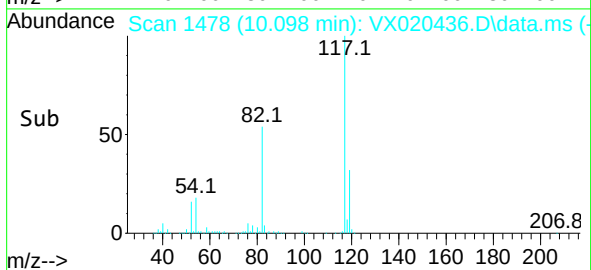
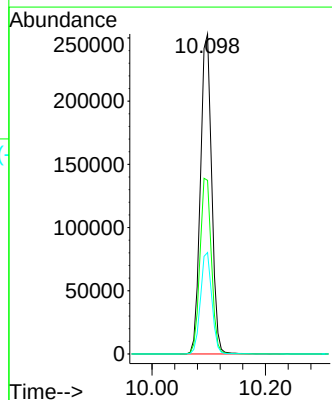
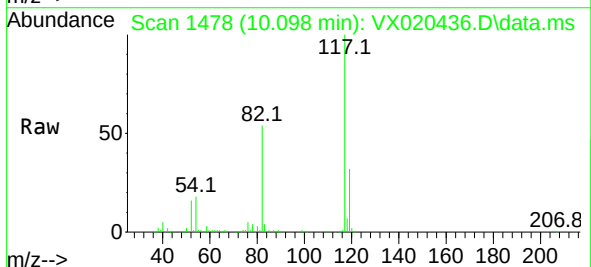
Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

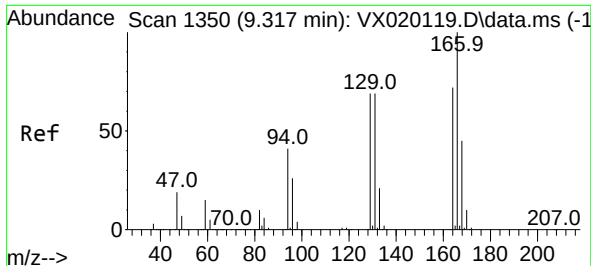
Tgt Ion: 95 Resp: 156224
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion: 117 Resp: 347626
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 31.7 26.6 39.8



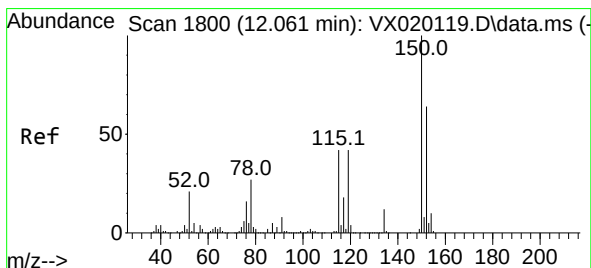
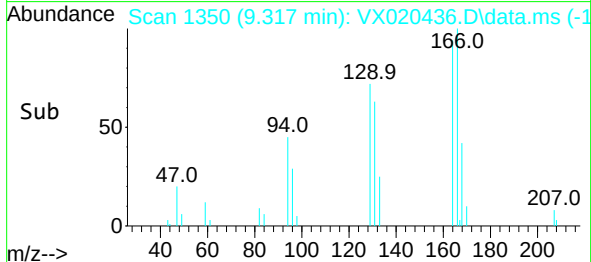
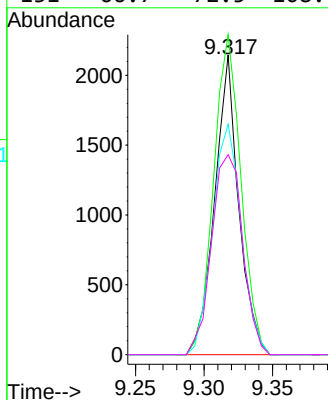
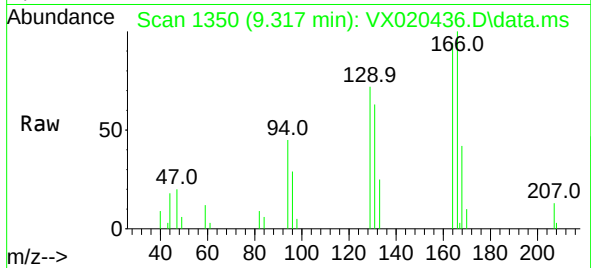


#64
Tetrachloroethene
Concen: 1.00 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

Tgt Ion:164 Resp: 2616

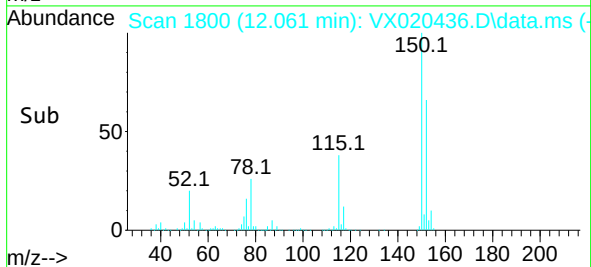
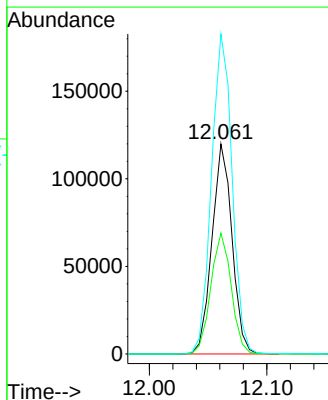
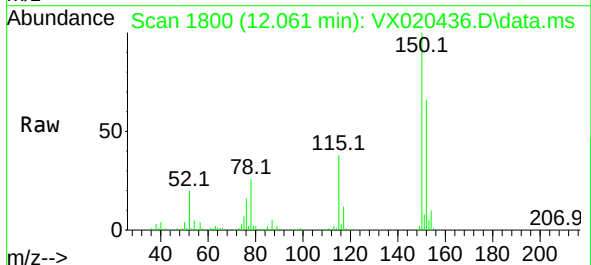
Ion	Ratio	Lower	Upper
164	100		
166	106.8	103.4	155.2
129	76.8	70.8	106.2
131	66.7	72.5	108.7

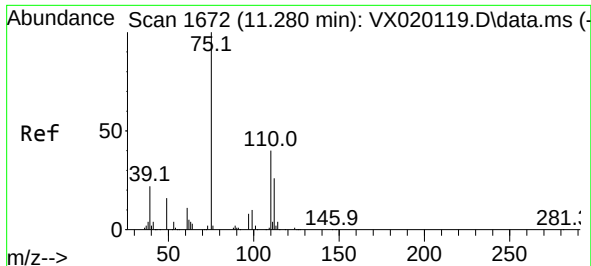


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion:152 Resp: 142555

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.1	123.3
150	156.8	0.0	349.0

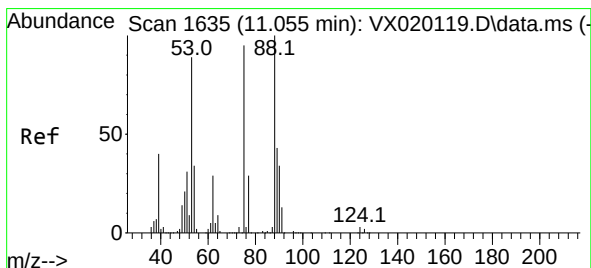
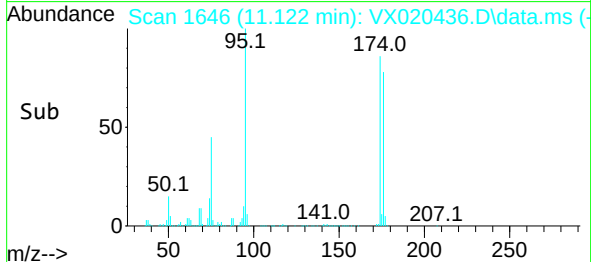
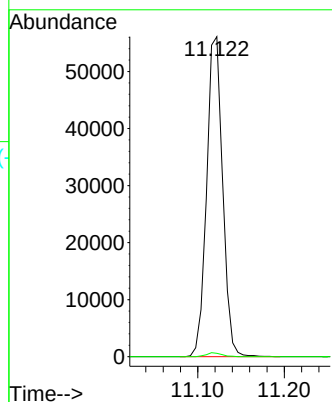
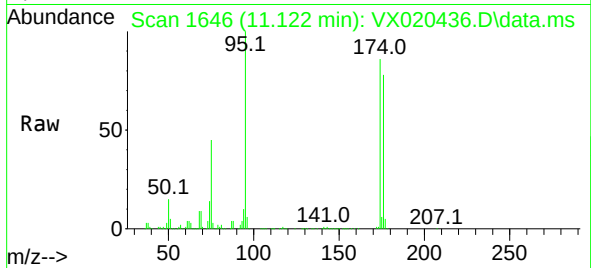




#76
1,2,3-Trichloropropane
Concen: 20.51 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
1020-MW-15(17)

Tgt Ion: 75 Resp: 72015
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.84 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020436.D
Acq: 29 Dec 2020 15:56

Tgt Ion: 75 Resp: 72015
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

