

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056290.D
 Acq On : 13 Jun 2019 18:42
 Operator : JC/SP
 Sample : K3345-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-10_061119

Quant Time: Jun 14 02:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

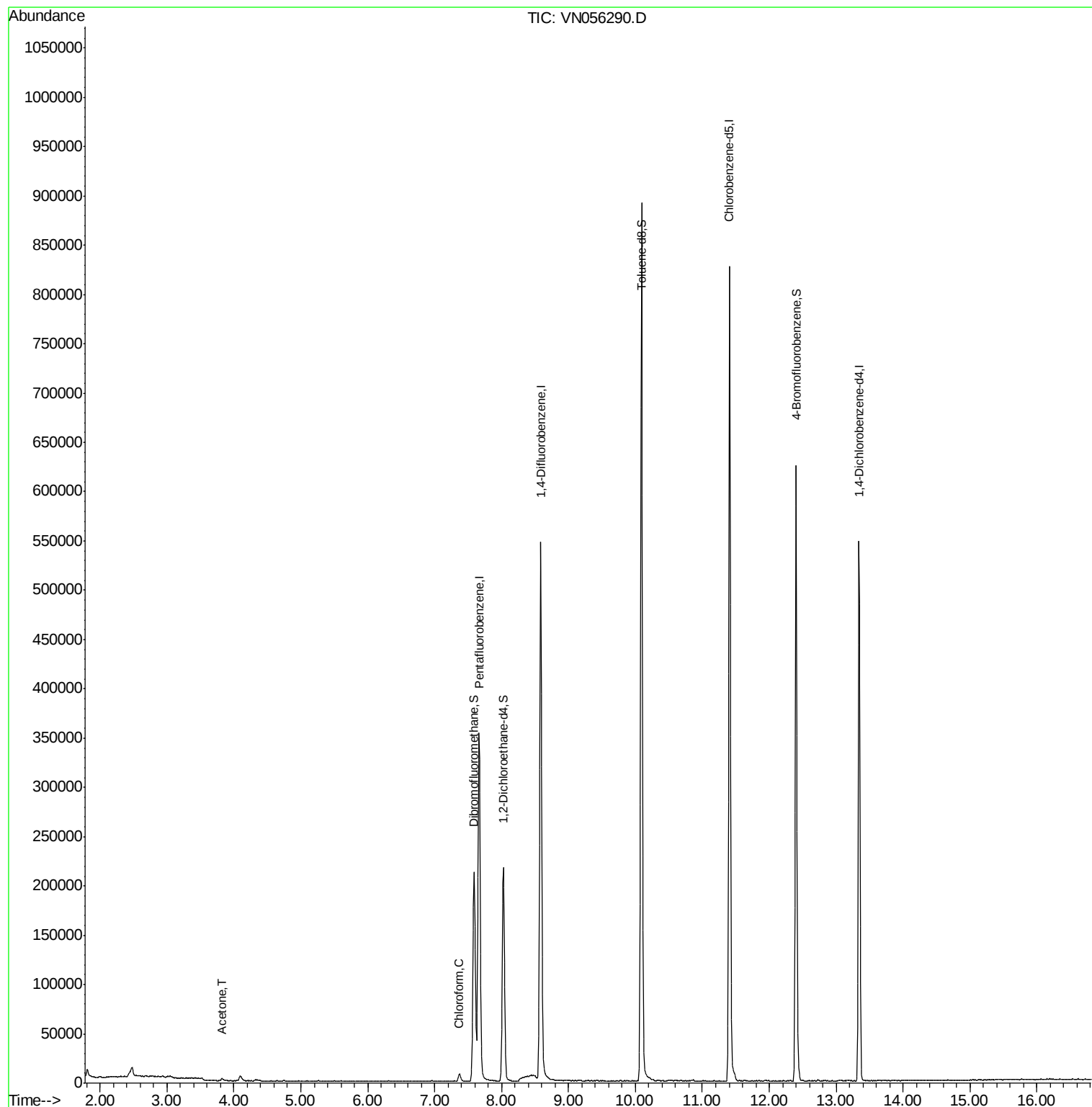
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	322950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	530981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	531859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	182908	57.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.08%	
35) Dibromofluoromethane	7.59	113	163313	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.09	98	656678	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.40	95	219436	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
Target Compounds						
16) Acetone	3.82	43	4657	3.037	ug/l	94
30) Chloroform	7.37	83	8739	1.702	ug/l	89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056290.D

Acq: 13 Jun 2019 18:42

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MSVOA_N

ClientSampleId :

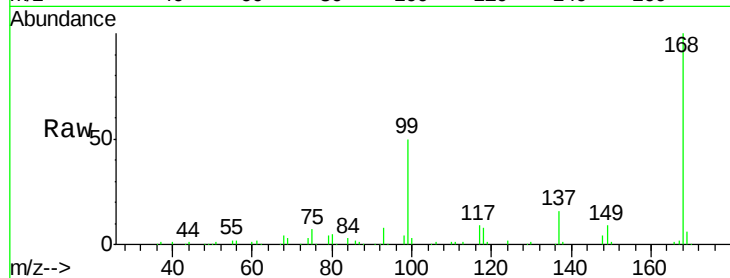
C-MW-10_061119

Tot Ion:168 Resp: 322950

Ion Ratio Lower Upper

168 100

99 49.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

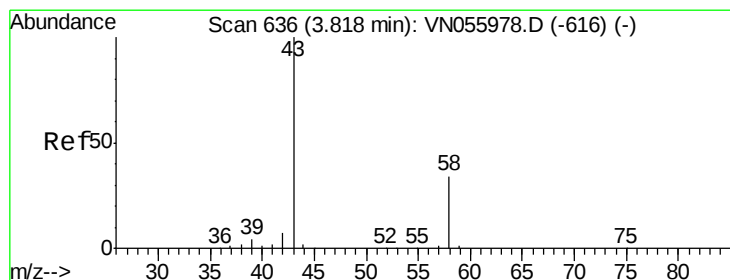
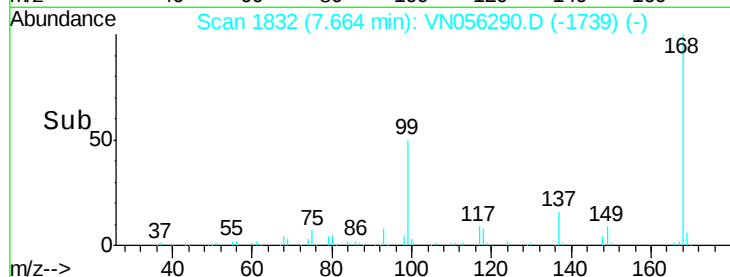
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 3.037 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056290.D

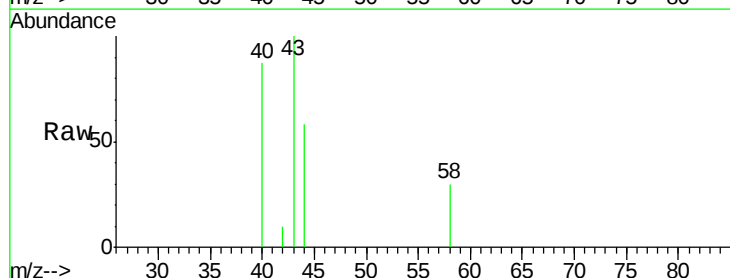
Acq: 13 Jun 2019 18:42

Tgt Ion: 43 Resp: 4657

Ion Ratio Lower Upper

43 100

58 30.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

2000

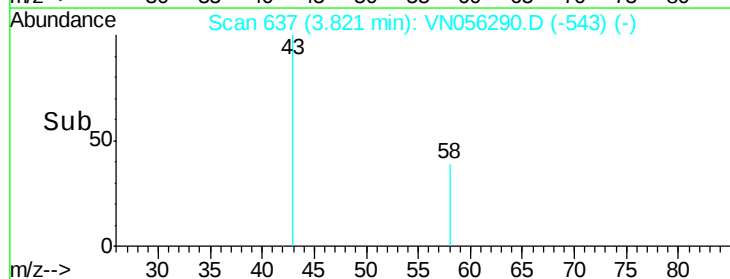
1500

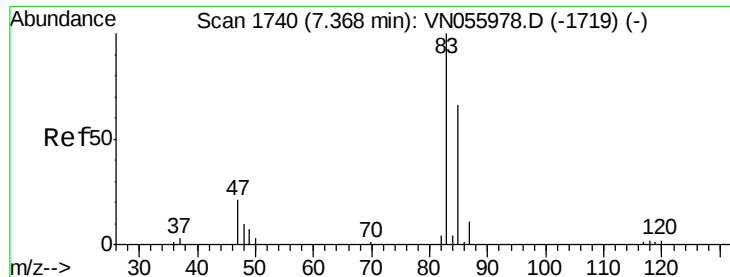
1000

500

0

Time--> 3.75 3.80 3.85 3.90

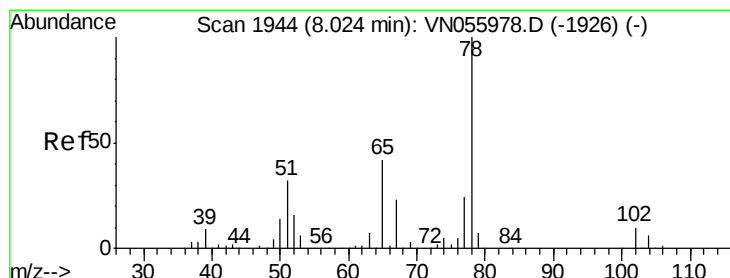
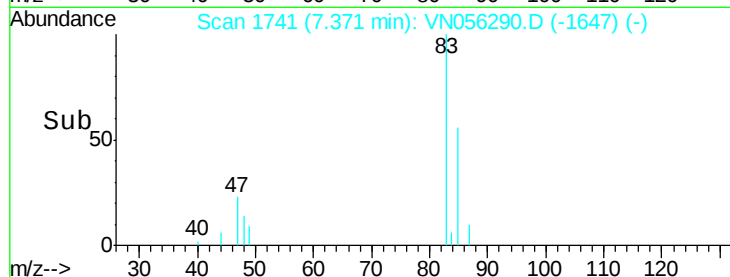
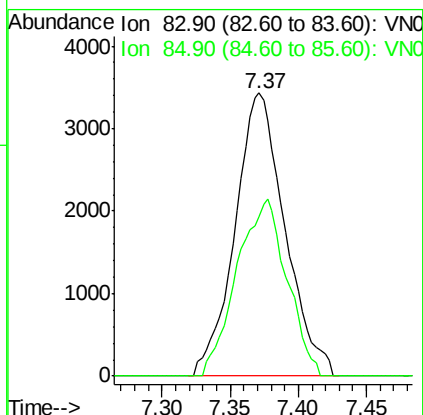
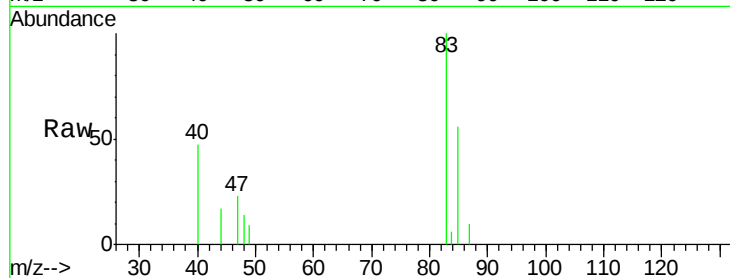




#30
Chloroform
Concen: 1.702 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056290.D
Acq: 13 Jun 2019 18:42

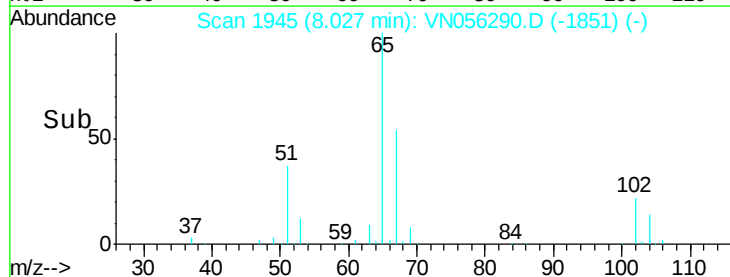
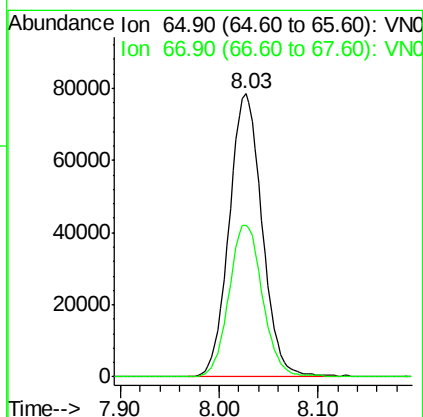
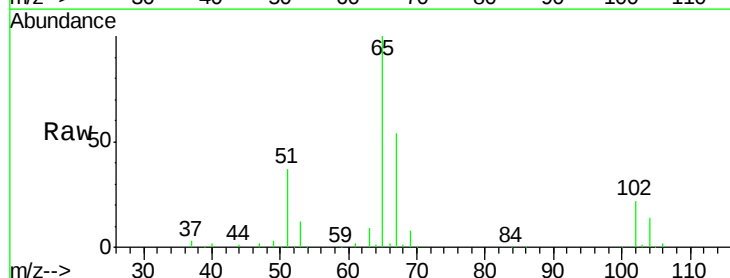
Instrument :
MSVOA_N
ClientSampleId :
C-MW-10_061119

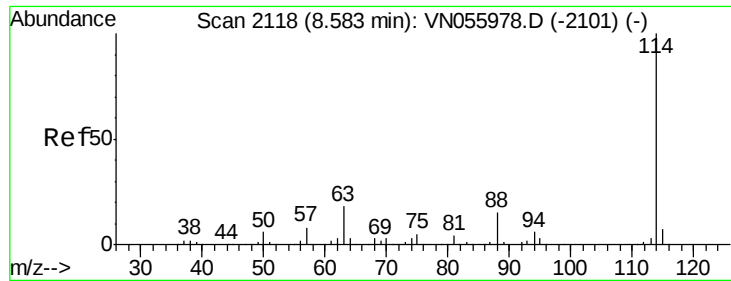
Tot Ion: 83 Resp: 8739
Ion Ratio Lower Upper
83 100
85 56.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 57.041 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056290.D
Acq: 13 Jun 2019 18:42

Tgt Ion: 65 Resp: 182908
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.2

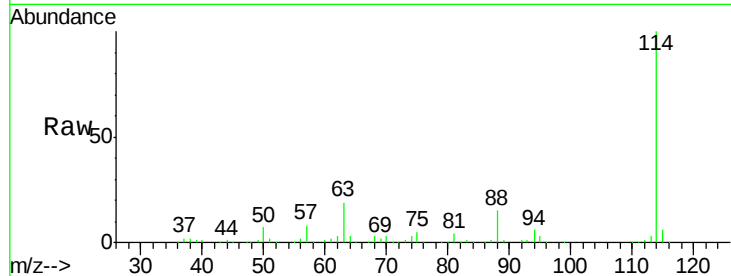




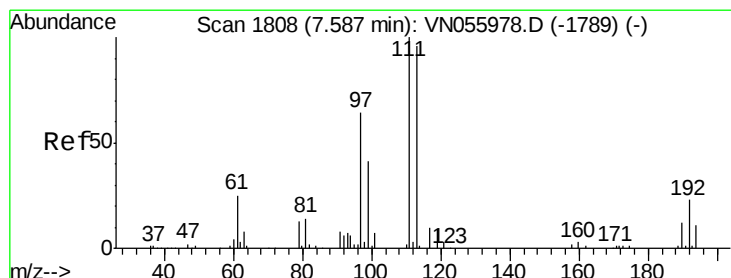
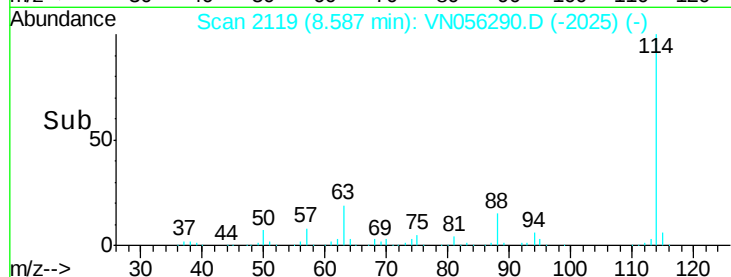
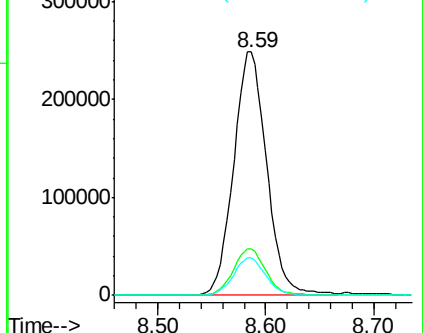
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056290.D
Acq: 13 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
C-MW-10_061119

Tot Ion:114 Resp: 530981
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 15.2 0.0 31.0

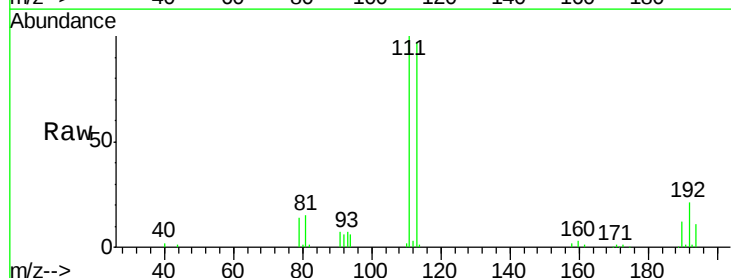


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

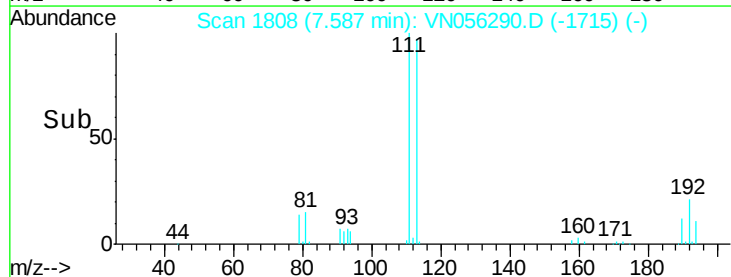
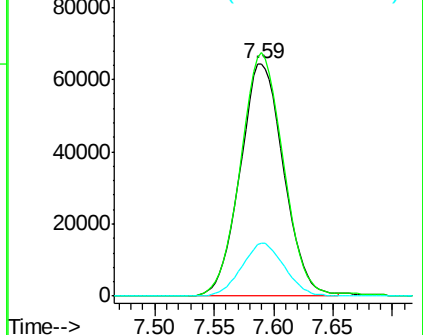


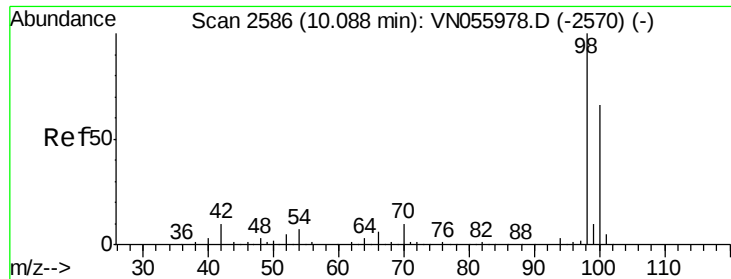
#35
Dibromofluoromethane
Concen: 50.131 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN056290.D
Acq: 13 Jun 2019 18:42

Tgt Ion:113 Resp: 163313
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 22.4 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.384 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056290.D

Acq: 13 Jun 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

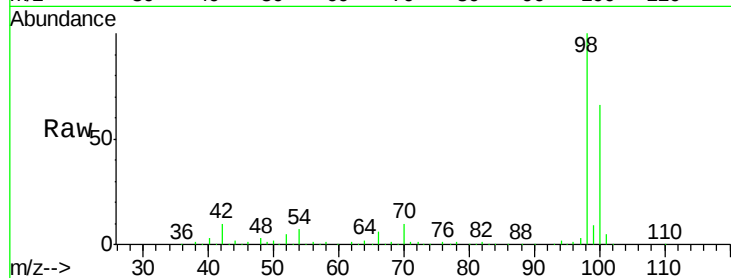
C-MW-10_061119

Tot Ion: 98 Resp: 656678

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

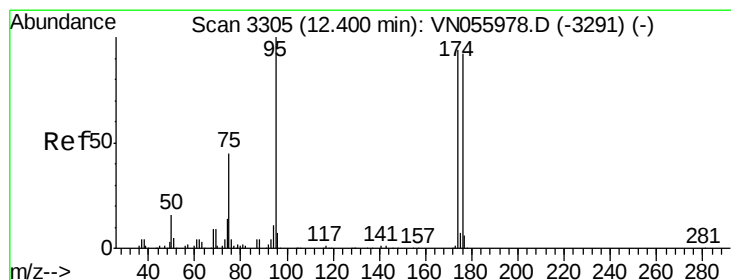
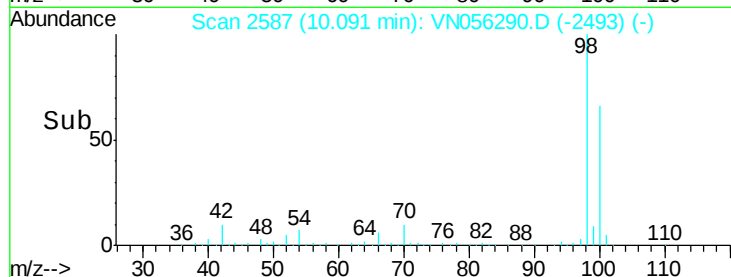
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.473 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056290.D

Acq: 13 Jun 2019 18:42

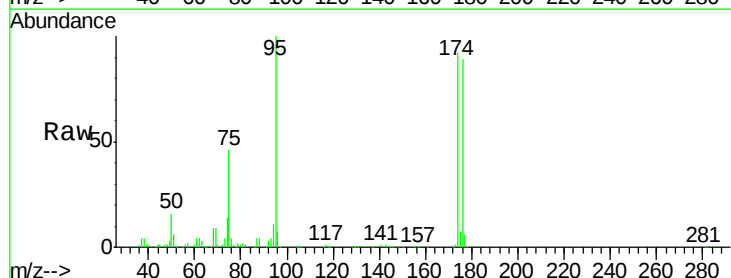
Tgt Ion: 95 Resp: 219436

Ion Ratio Lower Upper

95 100

174 92.5 0.0 191.0

176 89.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

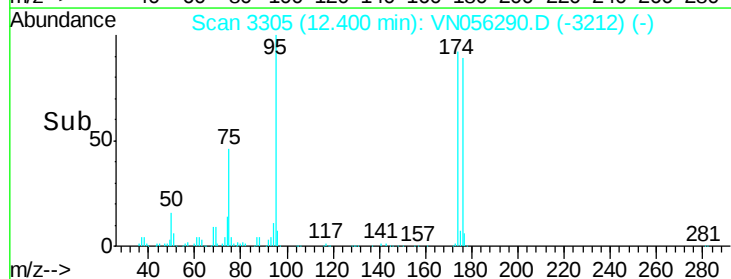
150000

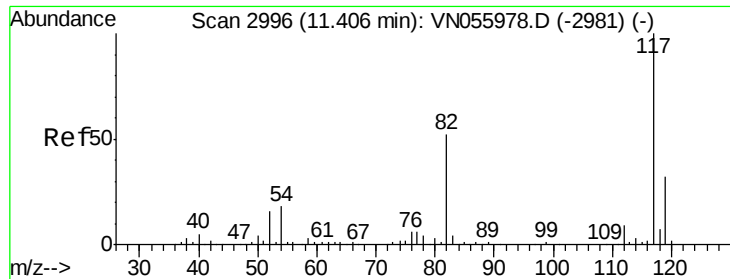
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056290.D

Acq: 13 Jun 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

C-MW-10_061119

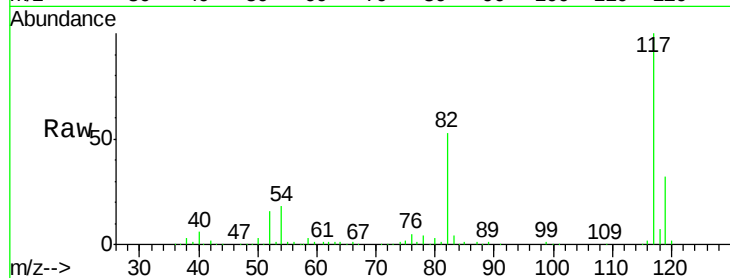
Tot Ion:117 Resp: 531859

Ion Ratio Lower Upper

117 100

82 53.0 41.8 62.8

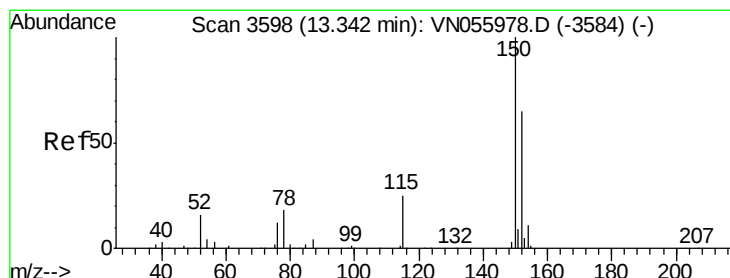
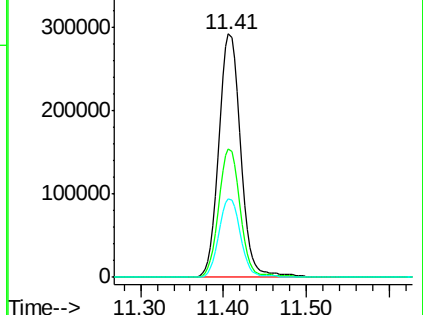
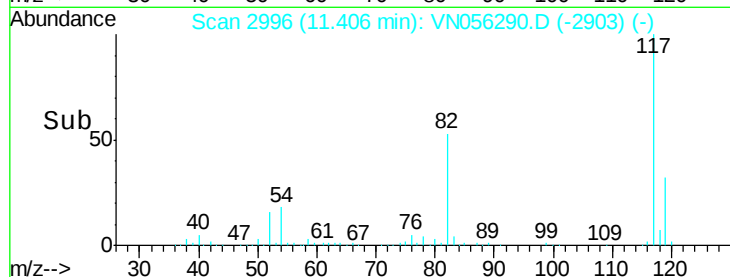
119 32.5 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056290.D

Acq: 13 Jun 2019 18:42

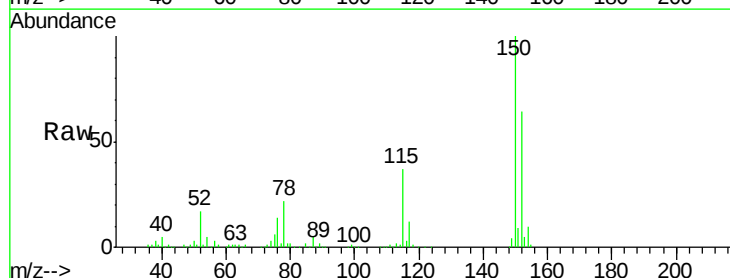
Tgt Ion:152 Resp: 164084

Ion Ratio Lower Upper

152 100

115 55.8 27.0 81.0

150 157.2 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

