

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056170.D
 Acq On : 10 Jun 2019 15:22
 Operator : JC/SP
 Sample : K3280-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-FW-MW01-20190608

Quant Time: Jun 11 04:06:35 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

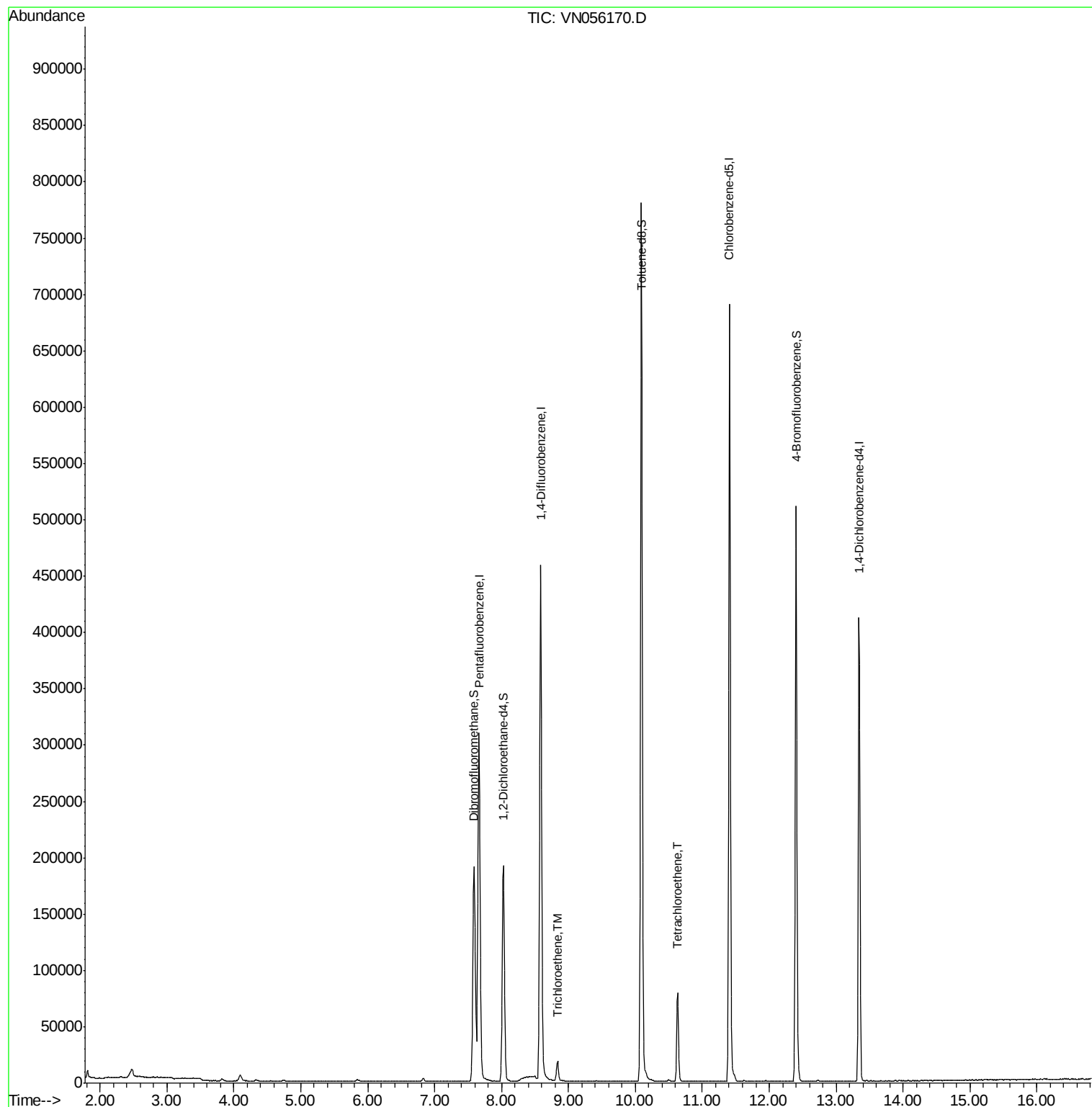
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	296452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	458604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	437257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159939	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
35) Dibromofluoromethane	7.59	113	147135	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	10.09	98	585387	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.40	95	180607	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
Target Compounds						
44) Trichloroethene	8.83	130	7682	2.232	ug/l	96
64) Tetrachloroethene	10.63	164	21273	5.620	ug/l	99

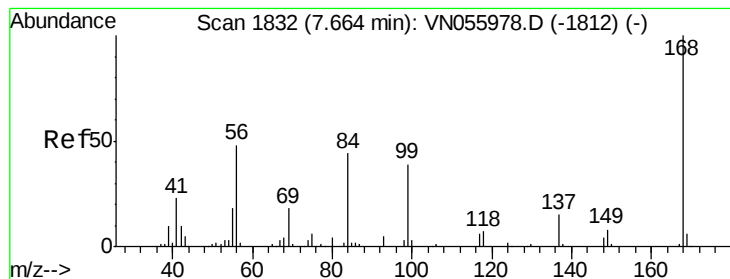
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
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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: VN056170.D

Acq: 10 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

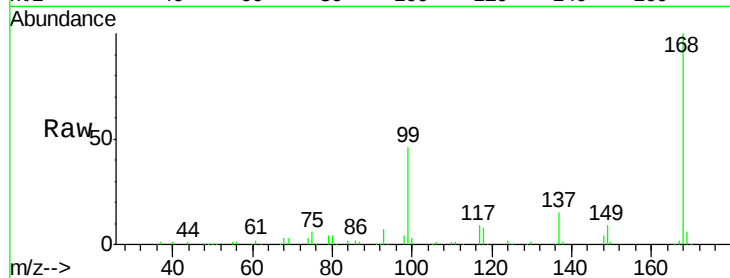
BP-FW-MW01-20190608

Tot Ion:168 Resp: 296452

Ion Ratio Lower Upper

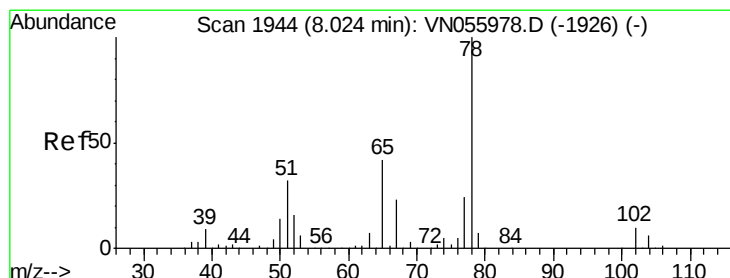
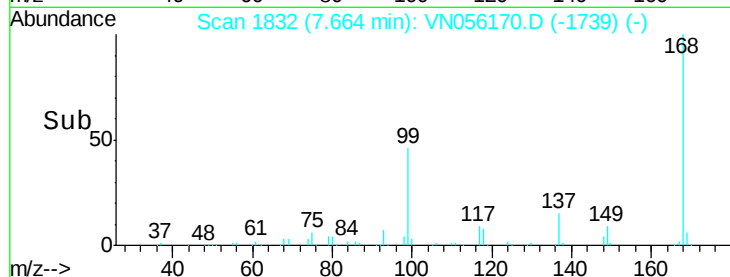
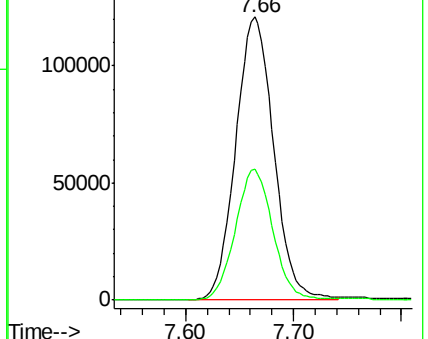
168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 54.336 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056170.D

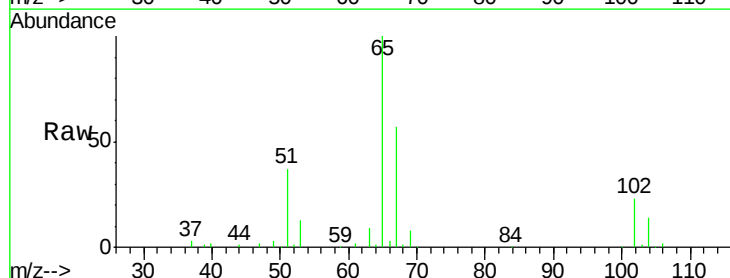
Acq: 10 Jun 2019 15:22

Tgt Ion: 65 Resp: 159939

Ion Ratio Lower Upper

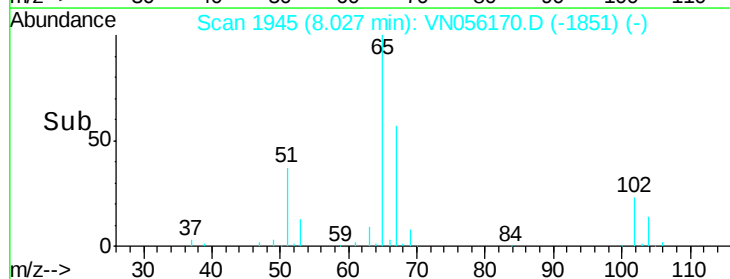
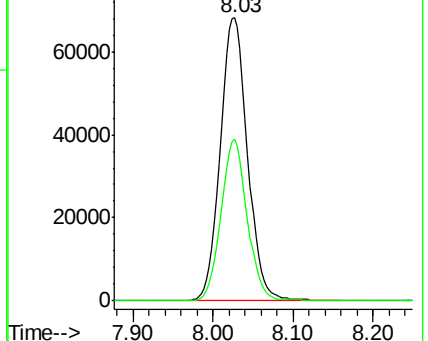
65 100

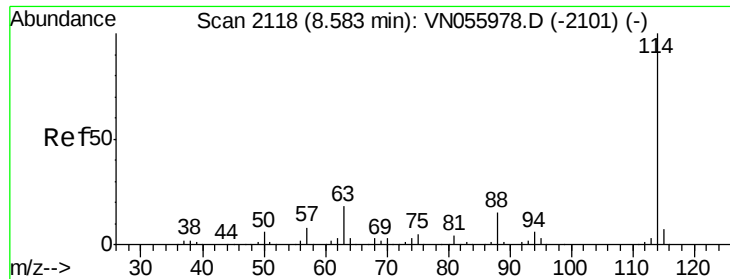
67 54.5 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

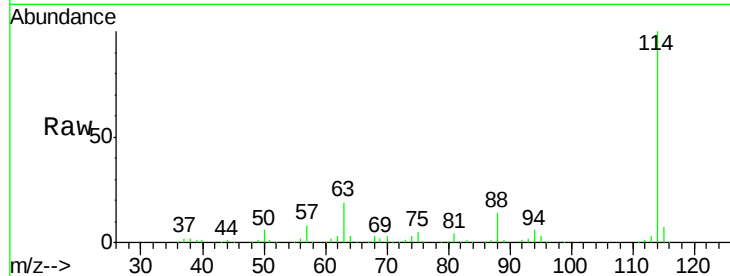




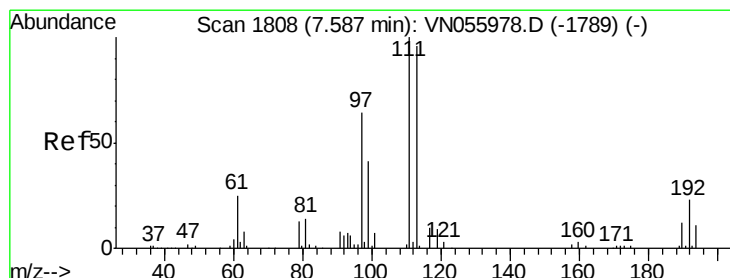
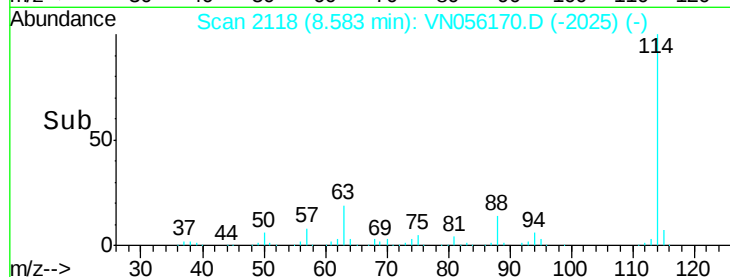
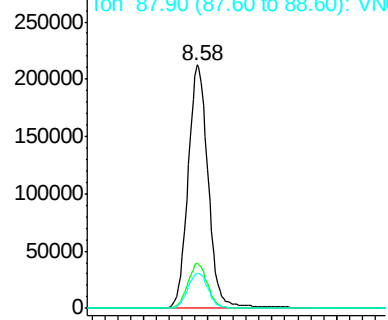
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056170.D
Acq: 10 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
BP-FW-MW01-20190608

Tot Ion:114 Resp: 458604
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.2
88 14.5 0.0 31.0

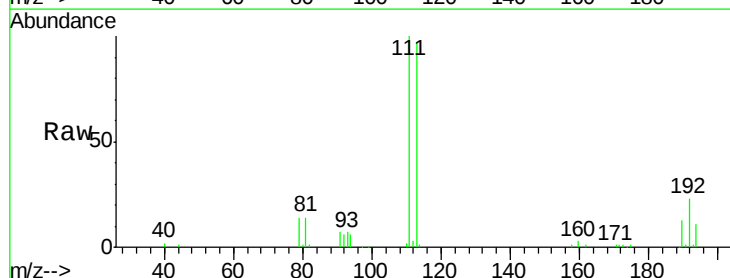


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

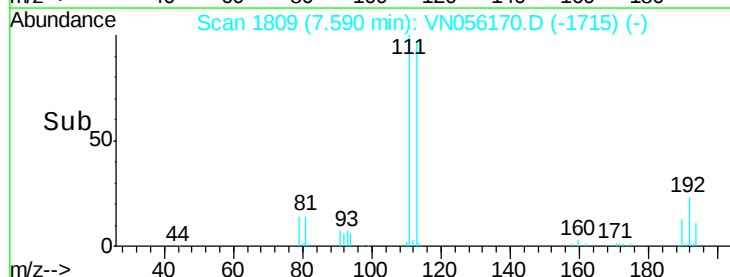
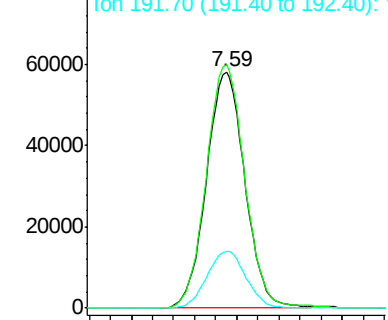


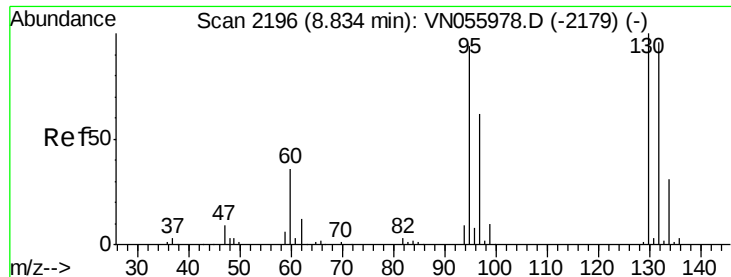
#35
Dibromofluoromethane
Concen: 52.293 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056170.D
Acq: 10 Jun 2019 15:22

Tgt Ion:113 Resp: 147135
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 24.4 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





#44

Trichloroethene

Concen: 2.232 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056170.D

Acq: 10 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

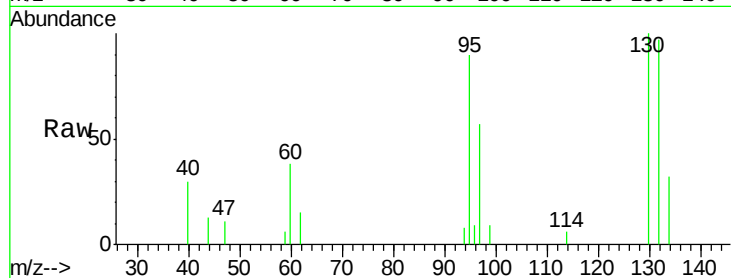
BP-FW-MW01-20190608

Tot Ion:130 Resp: 7682

Ion Ratio Lower Upper

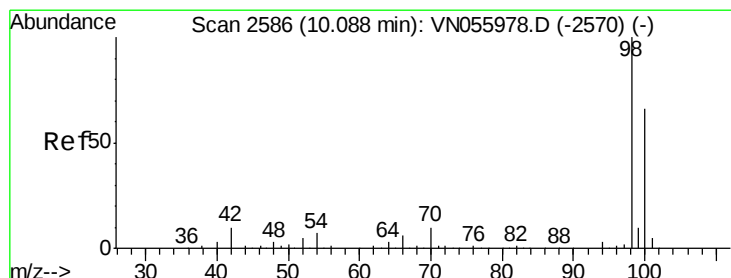
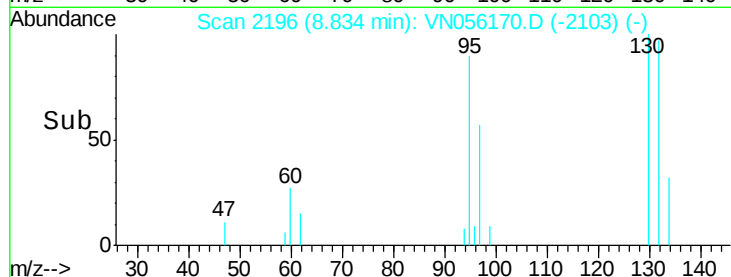
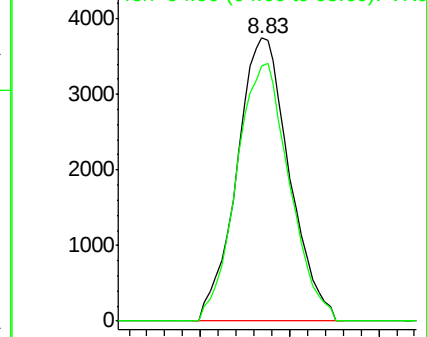
130 100

95 90.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 54.067 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056170.D

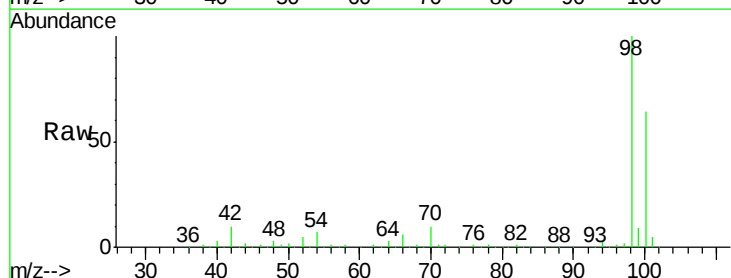
Acq: 10 Jun 2019 15:22

Tgt Ion: 98 Resp: 585387

Ion Ratio Lower Upper

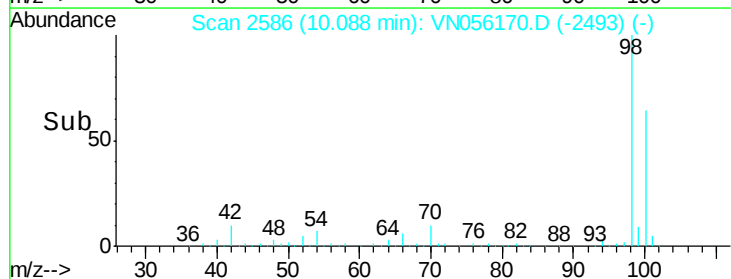
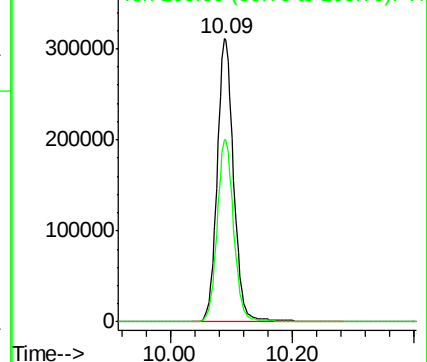
98 100

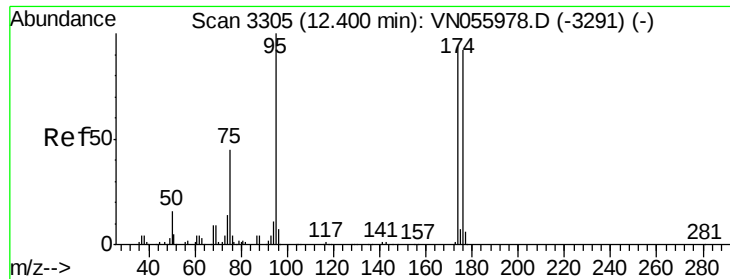
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 49.051 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056170.D

Acq: 10 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

BP-FW-MW01-20190608

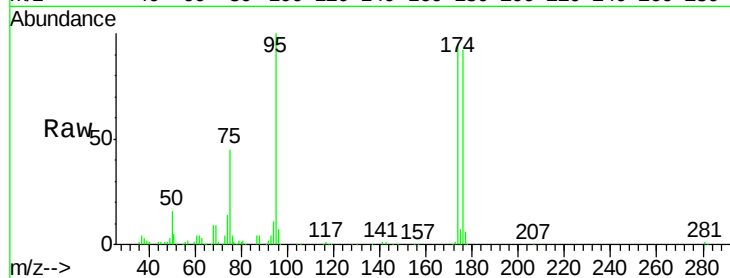
Tot Ion: 95 Resp: 180607

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

176 93.0 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) (-)

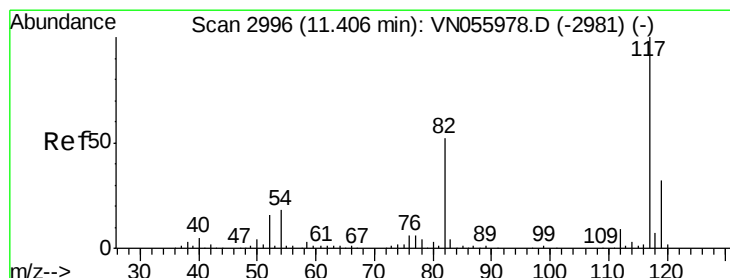
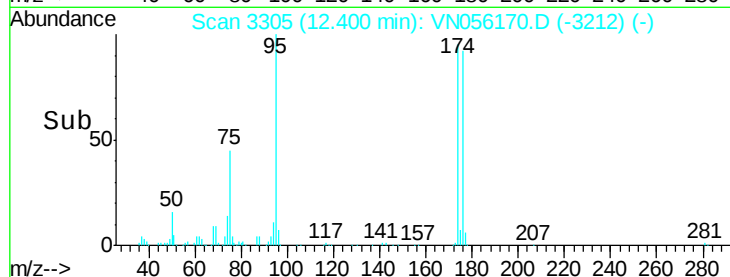
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056170.D

Acq: 10 Jun 2019 15:22

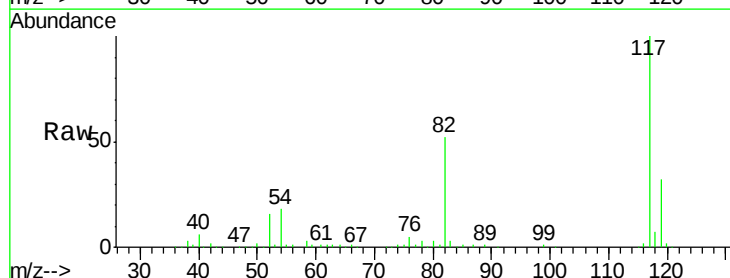
Tgt Ion: 117 Resp: 437257

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

119 32.4 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

11.41

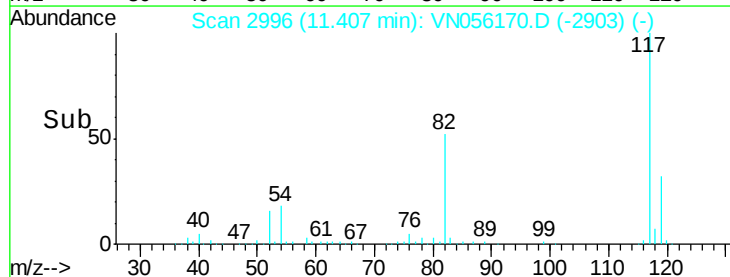
300000

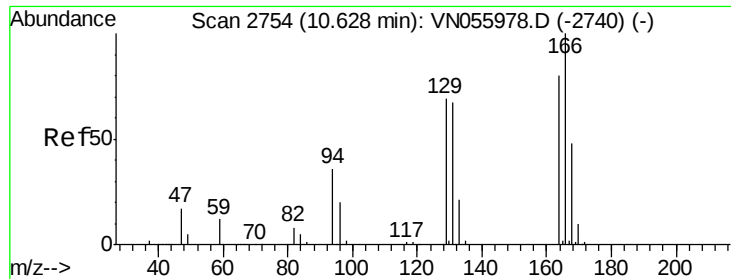
200000

100000

0

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 5.620 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056170.D

Acq: 10 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

BP-FW-MW01-20190608

Tot Ion:164 Resp: 21273

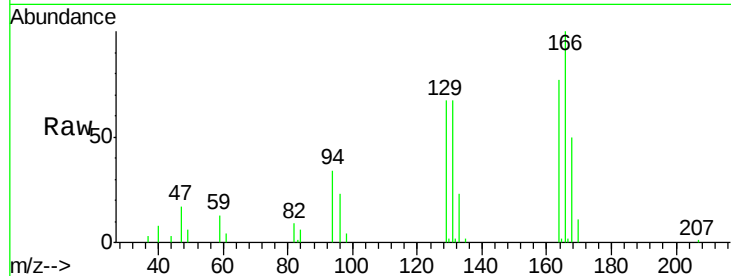
Ion Ratio Lower Upper

164 100

166 129.4 103.0 154.6

129 87.3 70.6 105.8

131 86.5 68.6 102.8

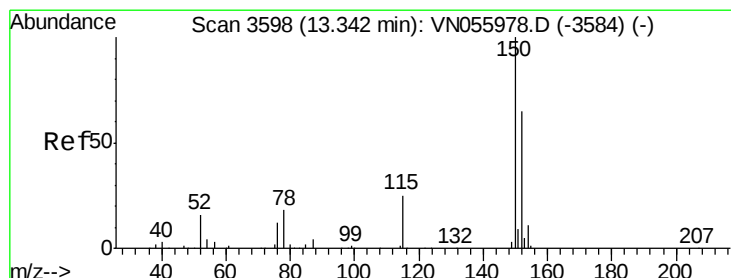
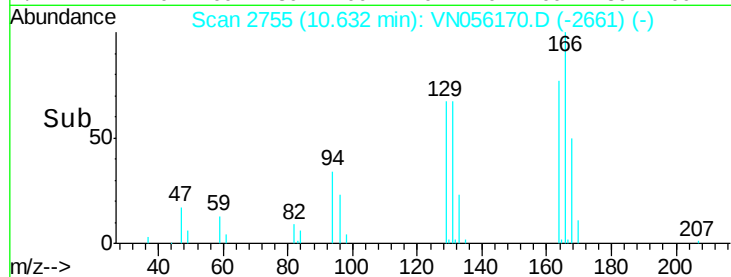
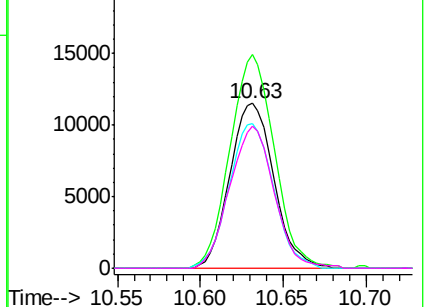


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN056170.D

Acq: 10 Jun 2019 15:22

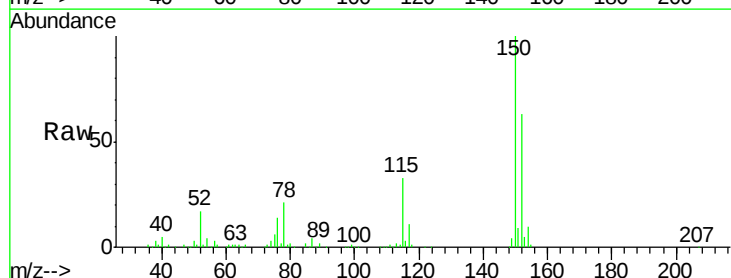
Tgt Ion:152 Resp: 129895

Ion Ratio Lower Upper

152 100

115 52.1 27.0 81.0

150 155.4 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

