

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056173.D
 Acq On : 10 Jun 2019 16:38
 Operator : JC/SP
 Sample : K3280-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-MW271-20190608

Quant Time: Jun 11 04:12:41 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

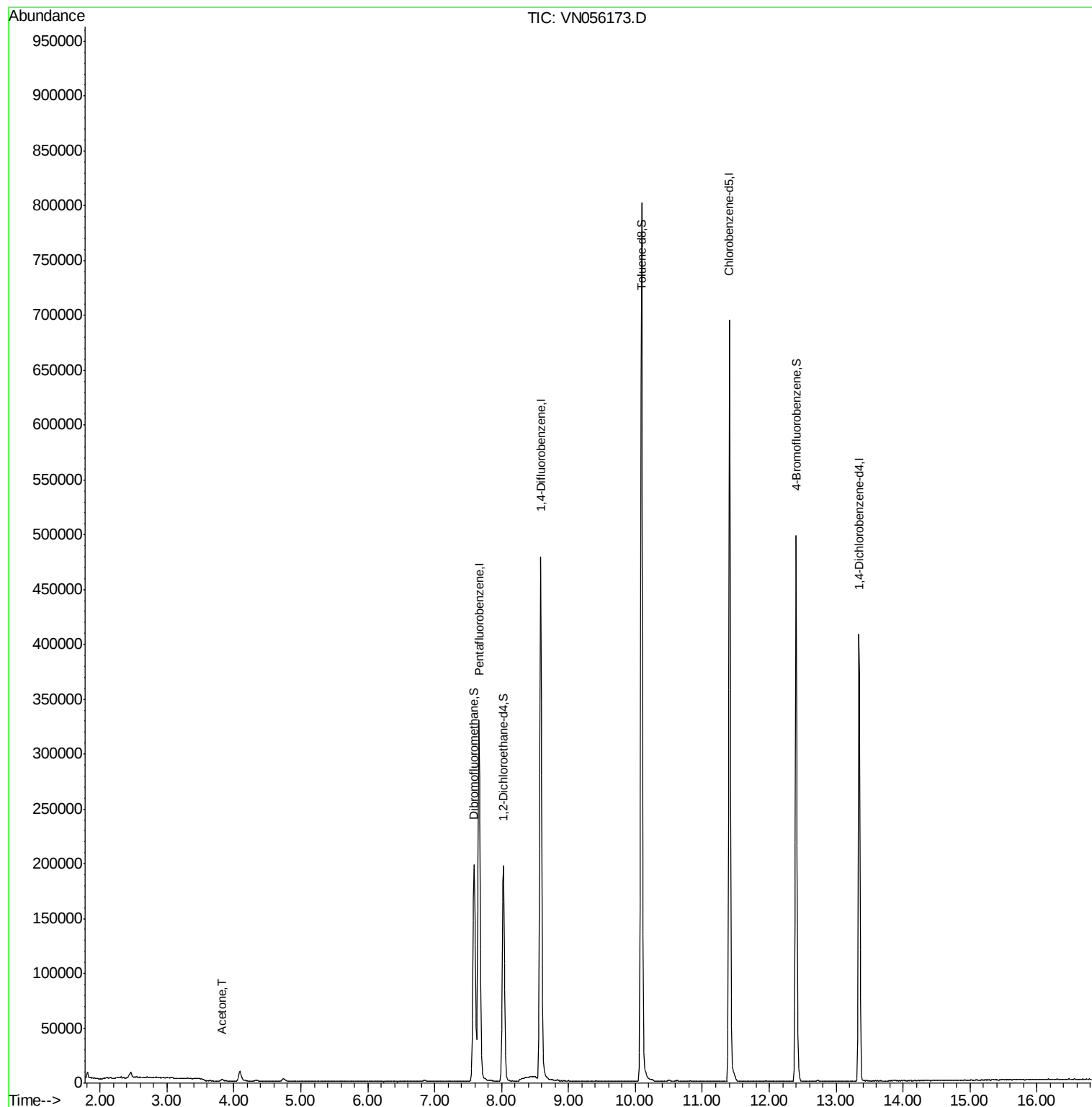
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	316905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	476338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	128733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	164565	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.59	113	151796	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	10.09	98	599280	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.40	95	179059	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
16) Acetone	3.82	43	3024	2.009	ug/l	Qvalue 97

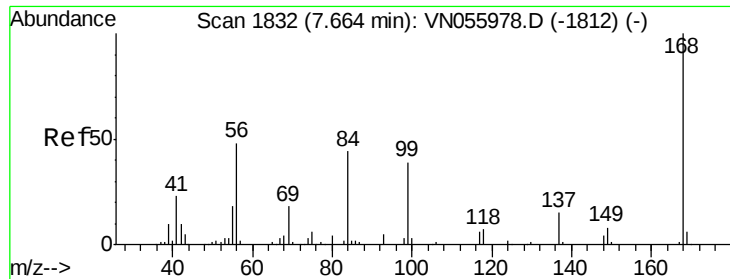
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056173.D

Acq: 10 Jun 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

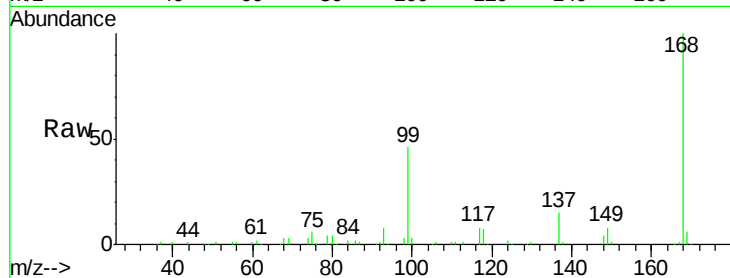
BP-HN-MW271-20190608

Tot Ion:168 Resp: 316905

Ion Ratio Lower Upper

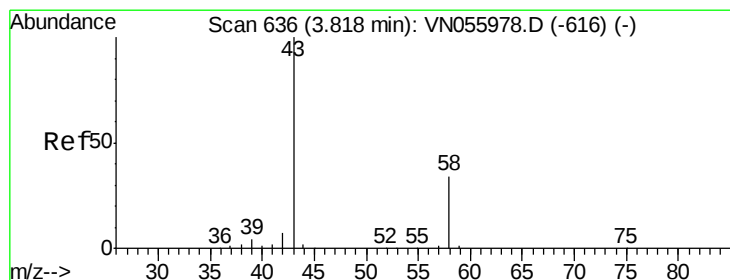
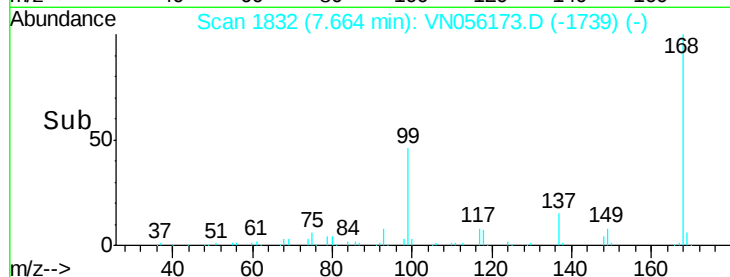
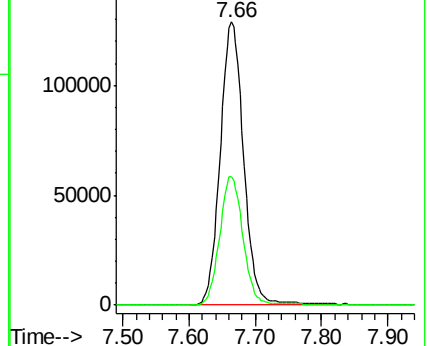
168 100

99 45.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 2.009 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056173.D

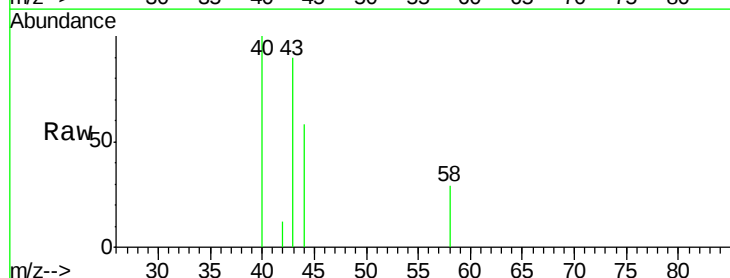
Acq: 10 Jun 2019 16:38

Tgt Ion: 43 Resp: 3024

Ion Ratio Lower Upper

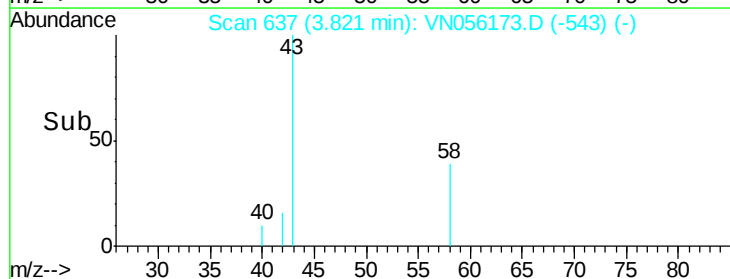
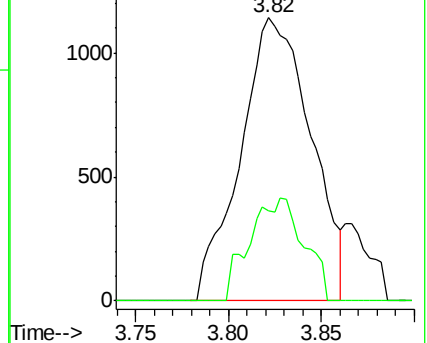
43 100

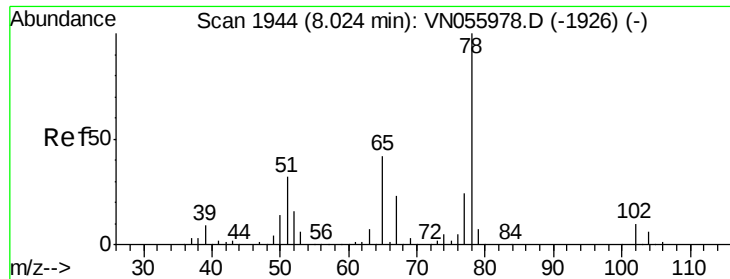
58 31.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

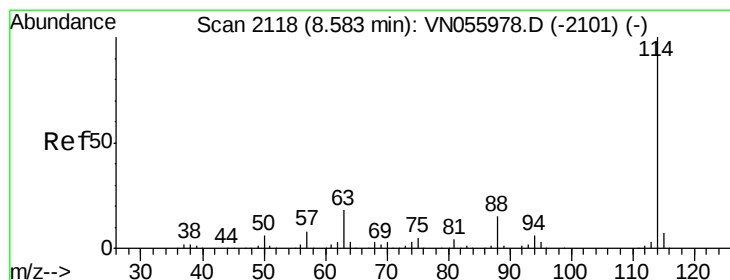
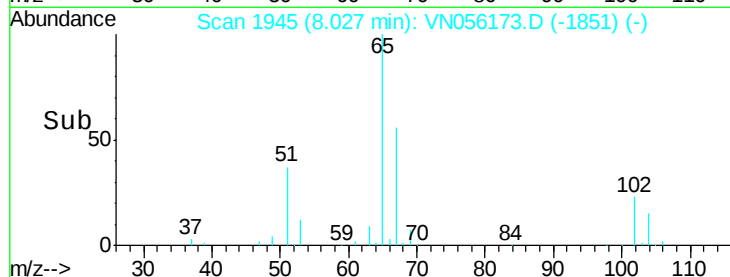
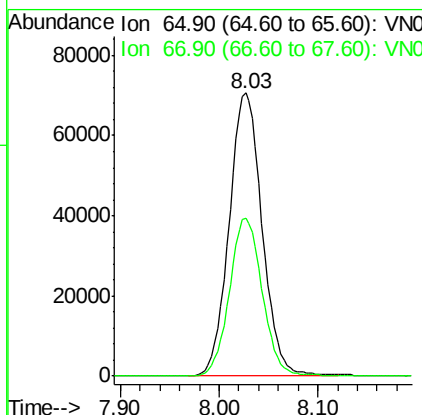
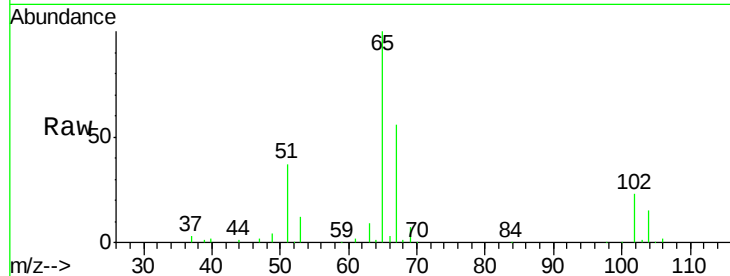




#33
 1,2-Dichloroethane-d4
 Concen: 52.299 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056173.D
 Acq: 10 Jun 2019 16:38

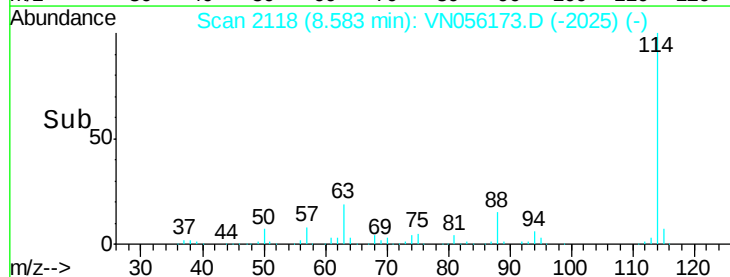
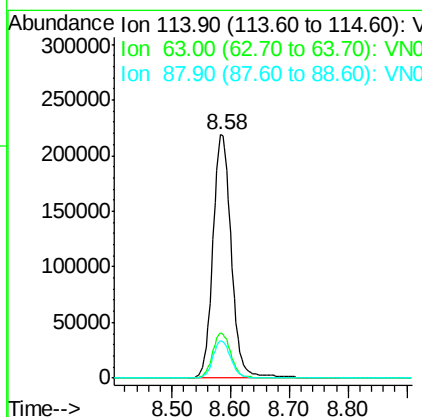
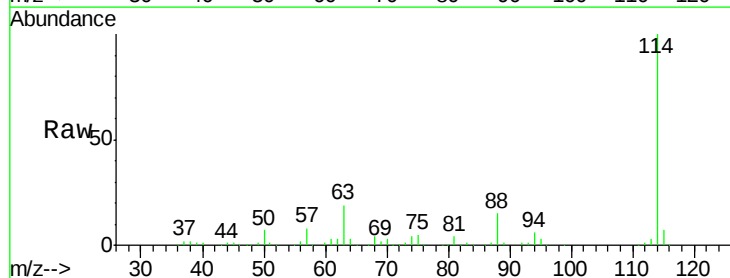
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-MW271-20190608

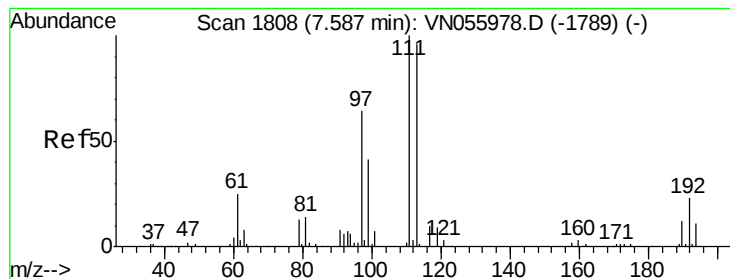
Tot Ion: 65 Resp: 164565
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056173.D
 Acq: 10 Jun 2019 16:38

Tgt Ion: 114 Resp: 476338
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.941 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056173.D

Acq: 10 Jun 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-MW271-20190608

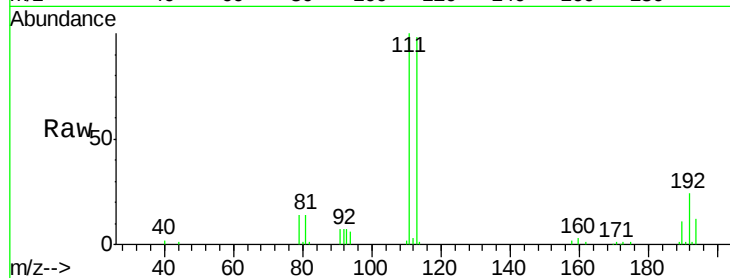
Tot Ion:113 Resp: 151796

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

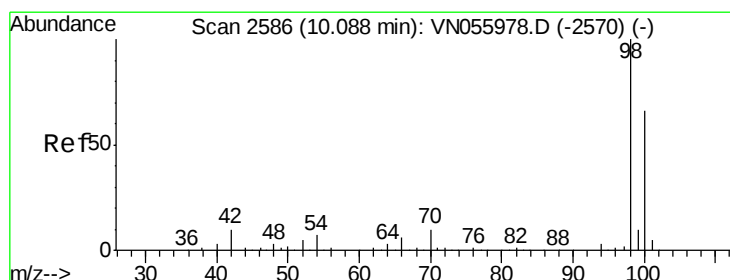
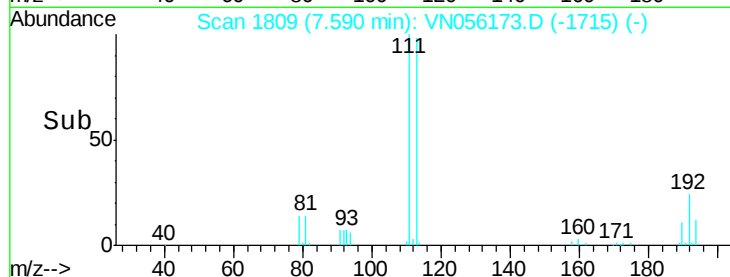
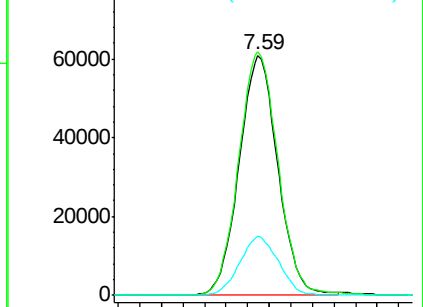
192 24.7 19.5 29.3



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: 53.289 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056173.D

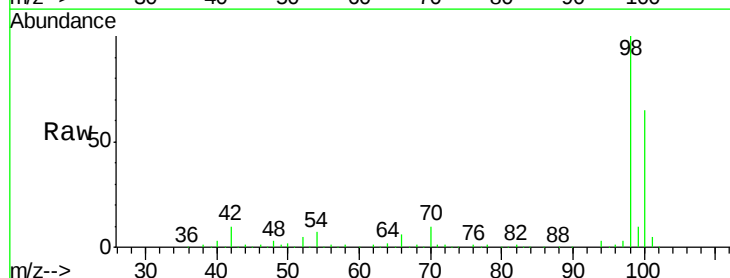
Acq: 10 Jun 2019 16:38

Tgt Ion: 98 Resp: 599280

Ion Ratio Lower Upper

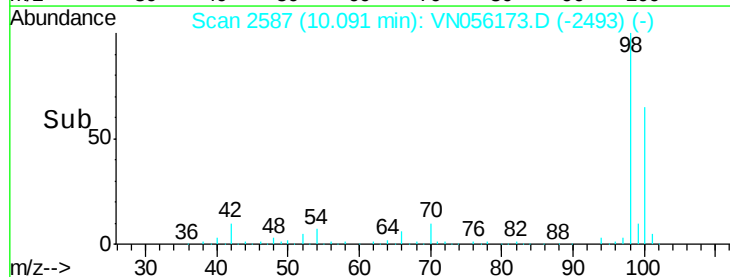
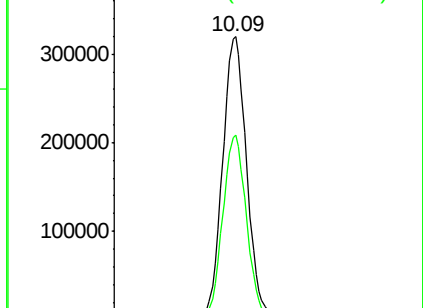
98 100

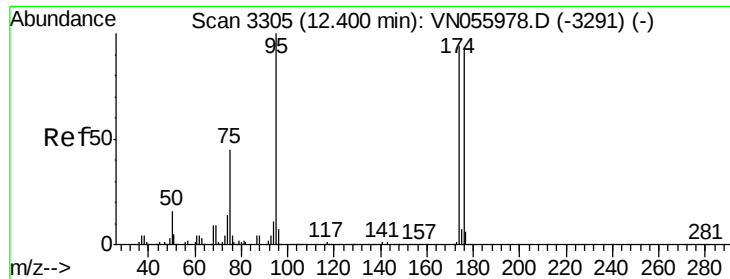
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.820 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056173.D

Acq: 10 Jun 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-MW271-20190608

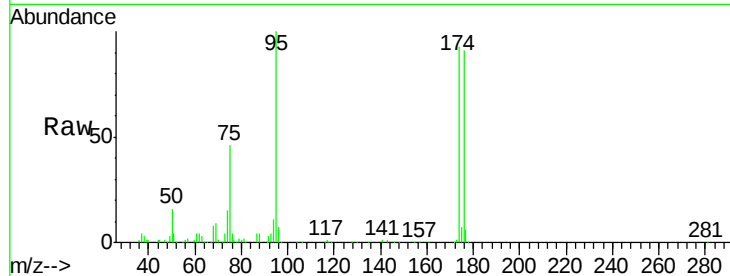
Tot Ion: 95 Resp: 179059

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.0

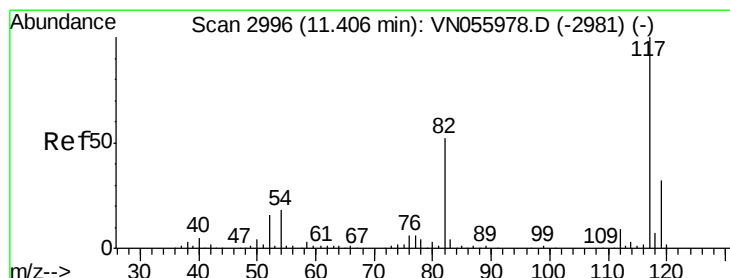
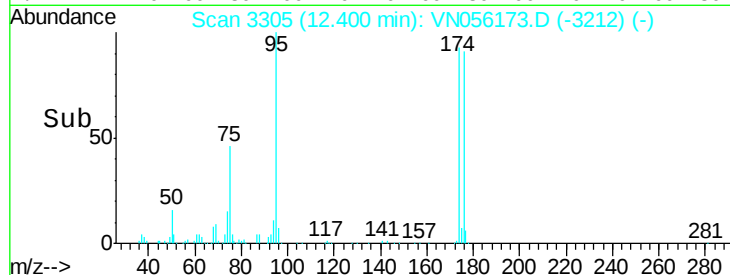
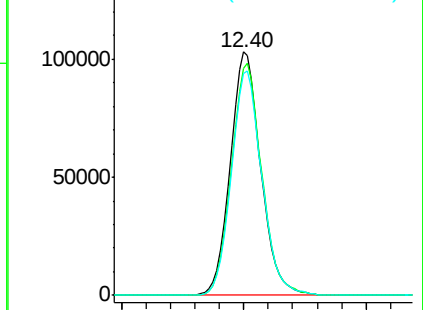
176 92.3 0.0 185.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056173.D

Acq: 10 Jun 2019 16:38

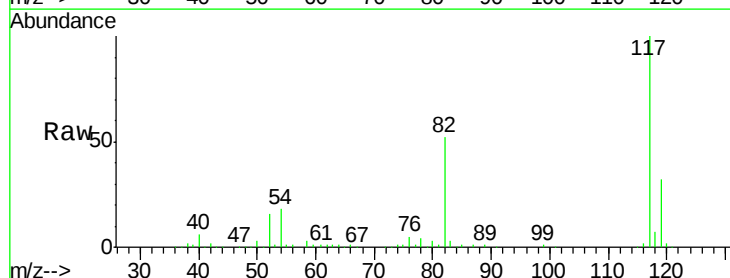
Tgt Ion: 117 Resp: 448383

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

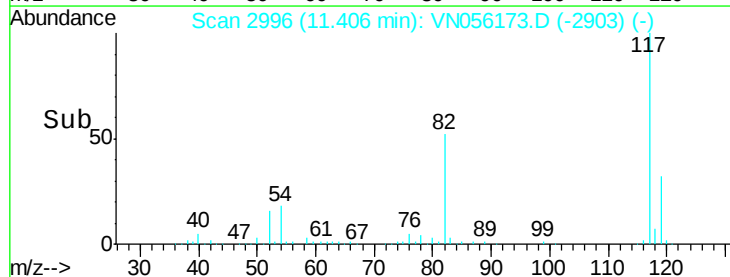
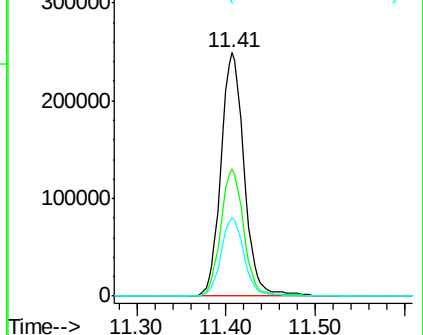
119 32.4 25.4 38.0

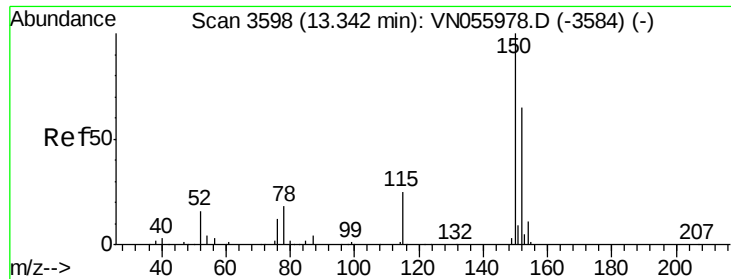


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056173.D

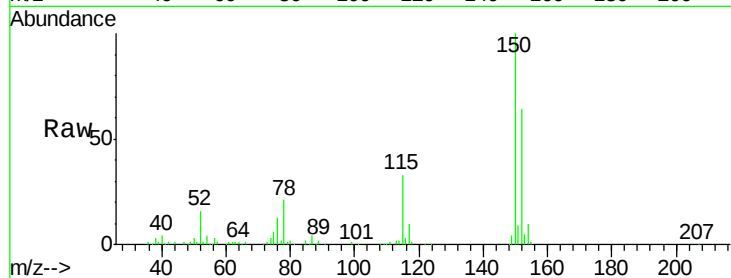
Acq: 10 Jun 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-MW271-20190608



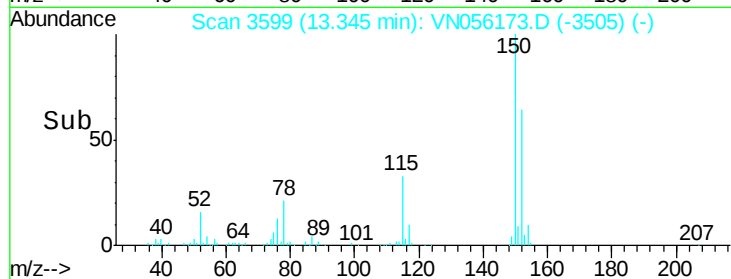
Tot Ion:152 Resp: 128733

Ion Ratio Lower Upper

152 100

115 51.5 27.0 81.0

150 154.6 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

