

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056174.D
 Acq On : 10 Jun 2019 17:03
 Operator : JC/SP
 Sample : K3280-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-MW29IR-20190608

Quant Time: Jun 11 04:14:14 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	313506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	481162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	139235	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	169989	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
35) Dibromofluoromethane	7.59	113	157502	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
50) Toluene-d8	10.09	98	608675	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.40	95	187317	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

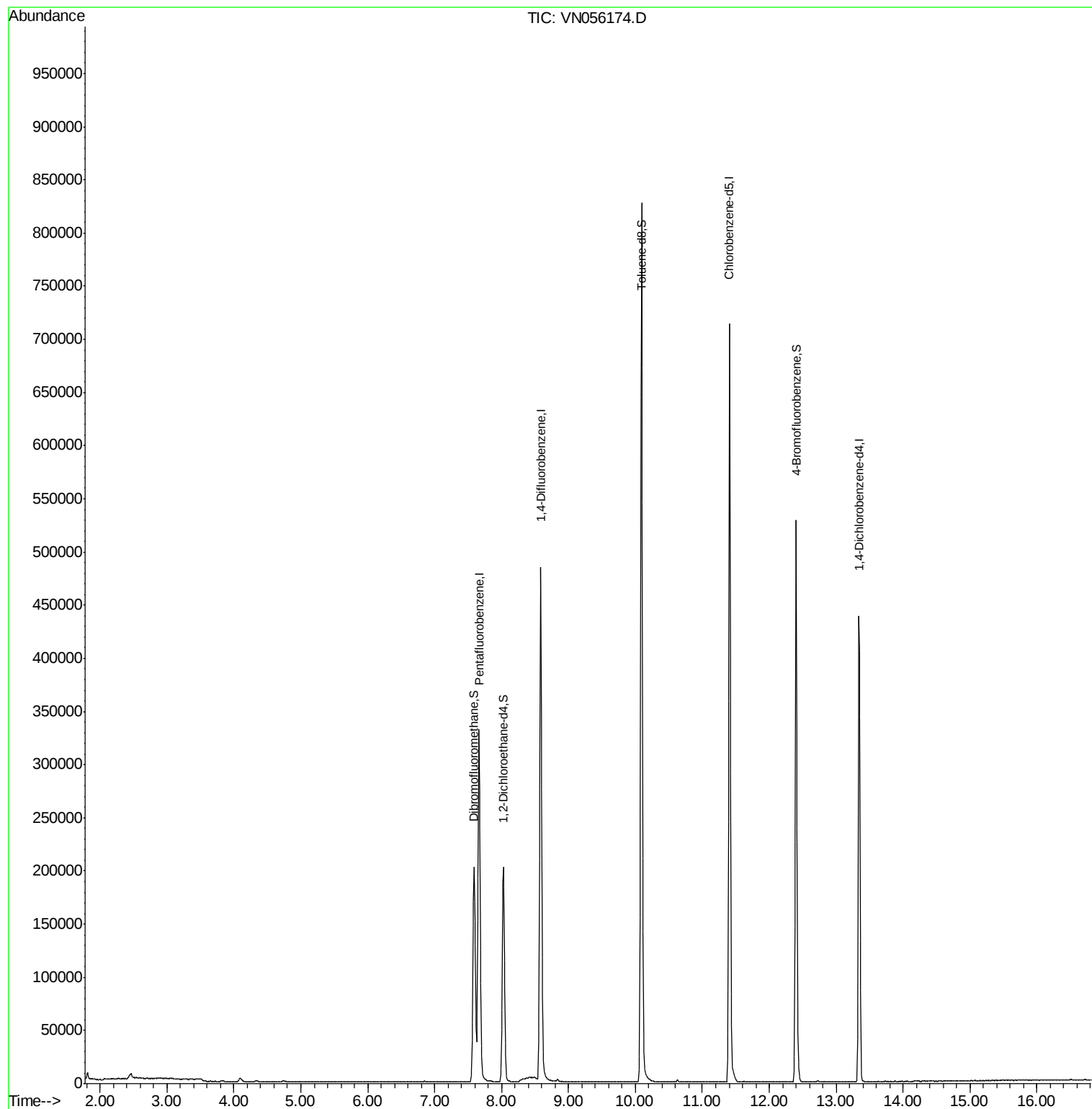
Target Compounds	Qvalue
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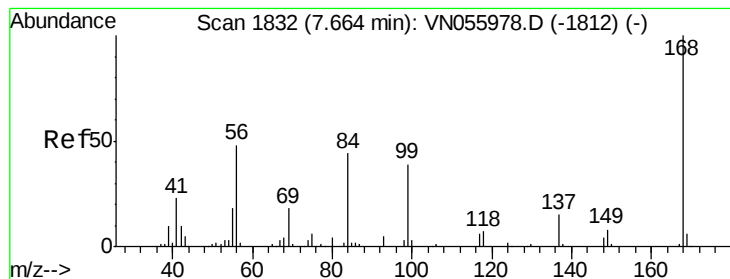
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056174.D

Acq: 10 Jun 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

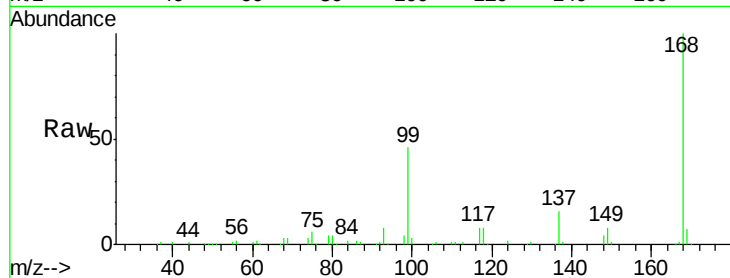
BP-HN-MW29IR-20190608

Tot Ion:168 Resp: 313506

Ion Ratio Lower Upper

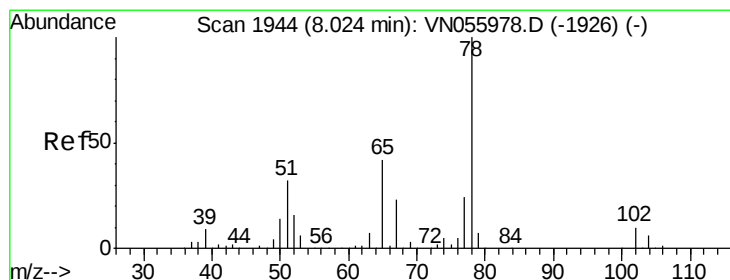
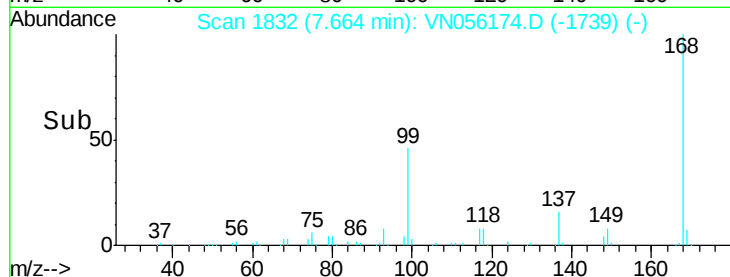
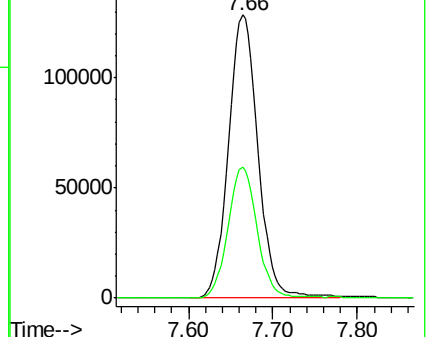
168 100

99 46.4 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.609 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056174.D

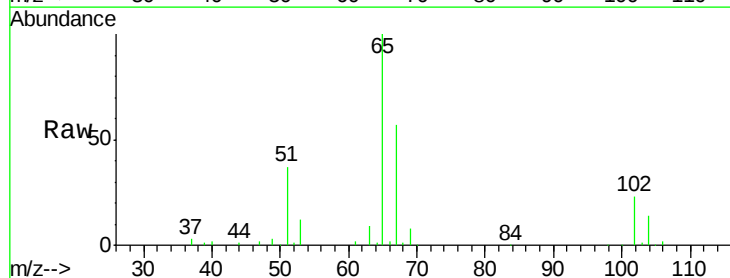
Acq: 10 Jun 2019 17:03

Tgt Ion: 65 Resp: 169989

Ion Ratio Lower Upper

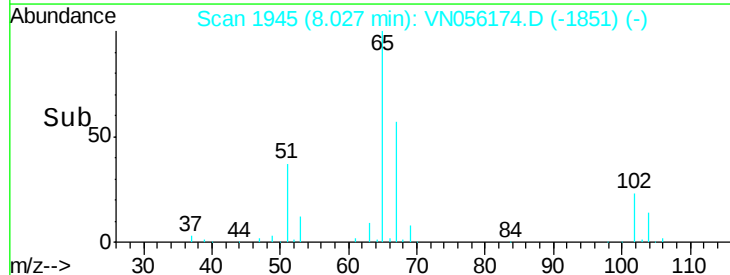
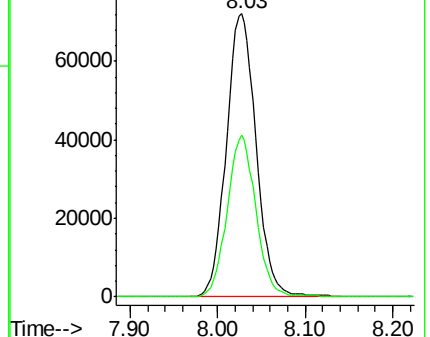
65 100

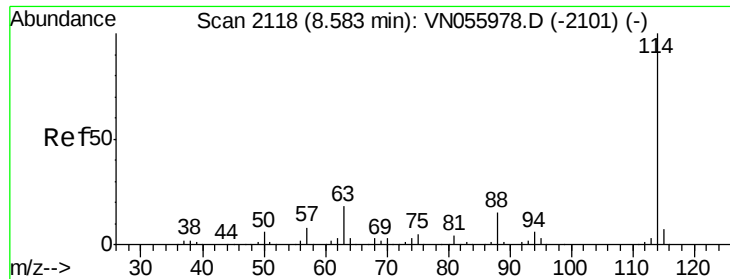
67 55.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

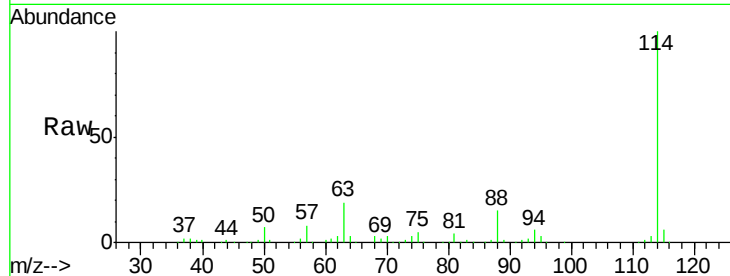




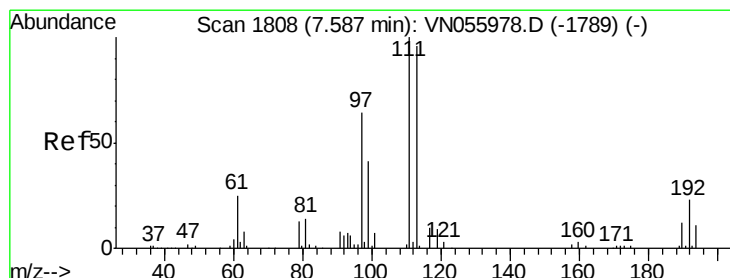
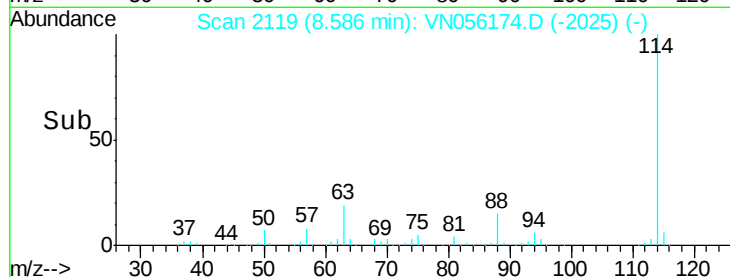
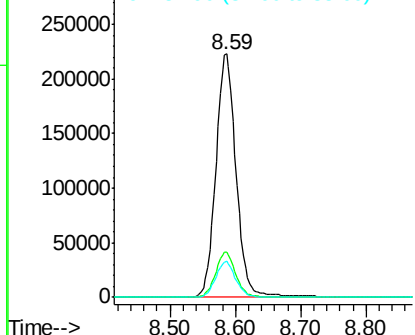
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056174.D
 Acq: 10 Jun 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-MW29IR-20190608

Tot Ion:114 Resp: 481162
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.8 0.0 31.0

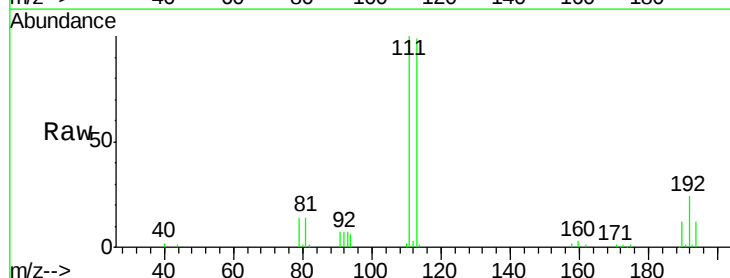


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

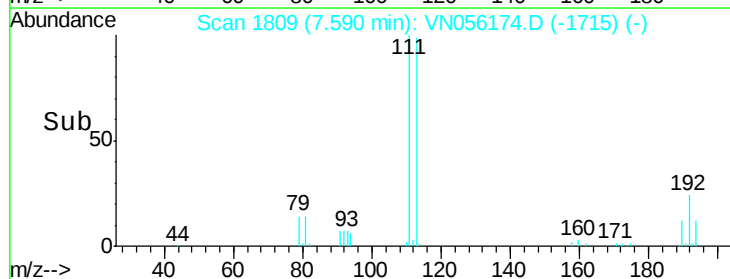
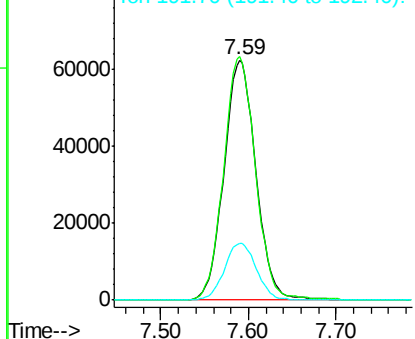


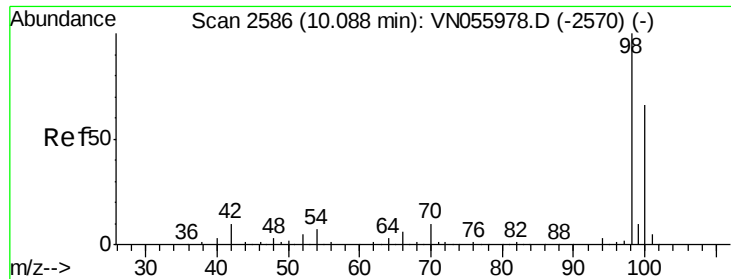
#35
 Dibromofluoromethane
 Concen: 53.353 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056174.D
 Acq: 10 Jun 2019 17:03

Tgt Ion:113 Resp: 157502
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.9 122.9
 192 23.7 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: 53.582 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056174.D

Acq: 10 Jun 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

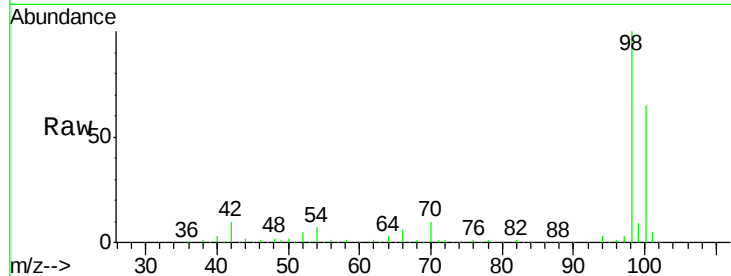
BP-HN-MW29IR-20190608

Tot Ion: 98 Resp: 608675

Ion Ratio Lower Upper

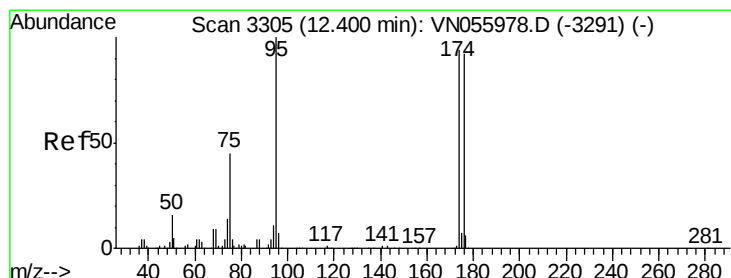
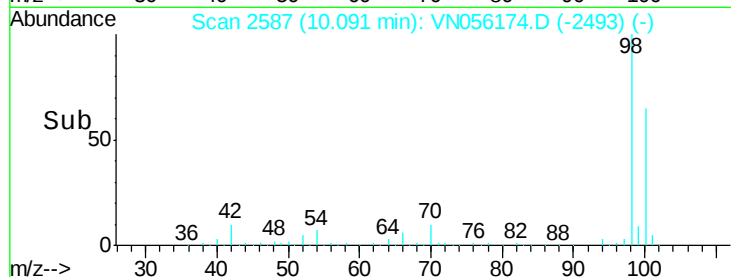
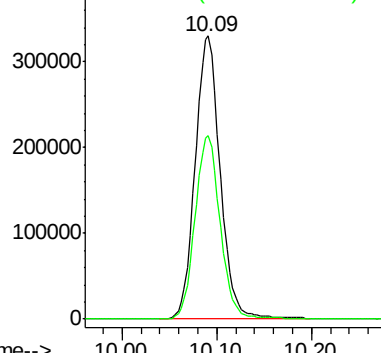
98 100

100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.488 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056174.D

Acq: 10 Jun 2019 17:03

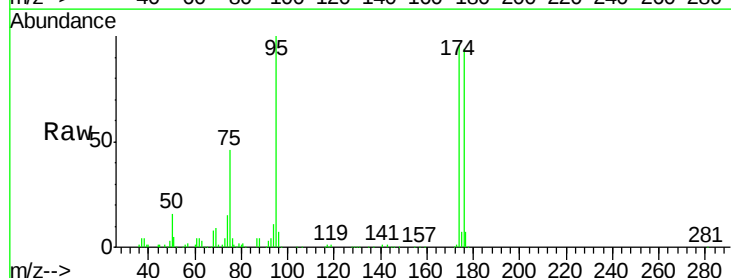
Tgt Ion: 95 Resp: 187317

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

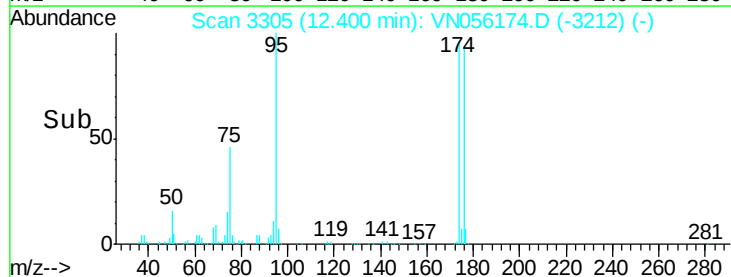
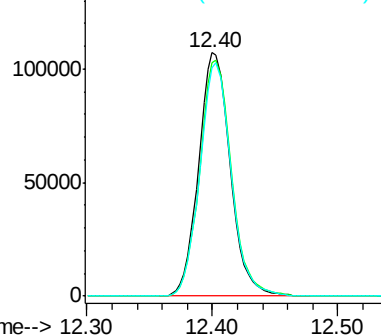
176 95.3 0.0 185.2

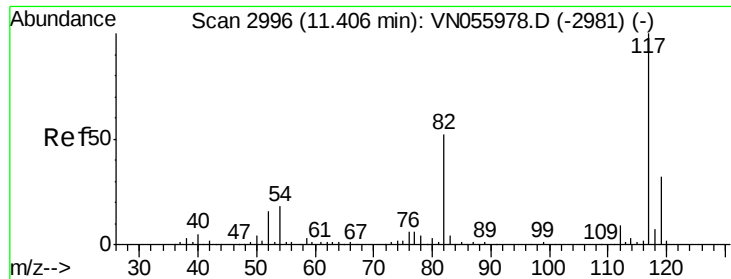


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

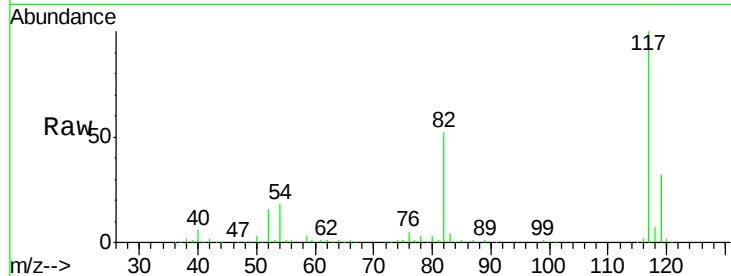




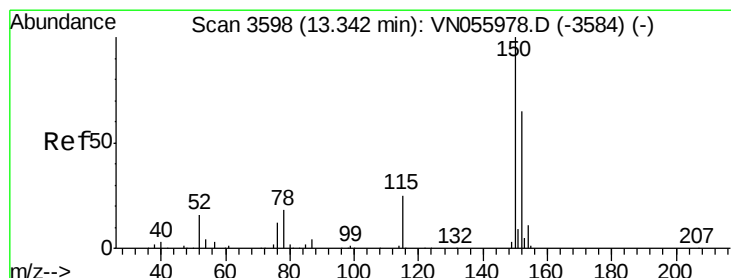
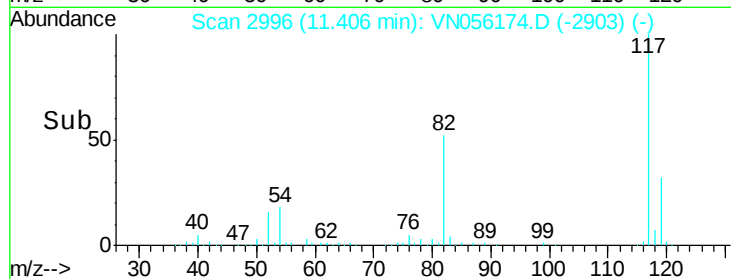
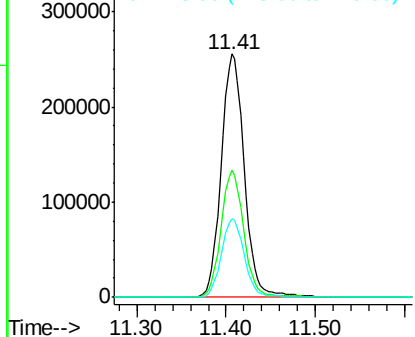
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056174.D
Acq: 10 Jun 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
BP-HN-MW29IR-20190608

Tot Ion:117 Resp: 458889
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.3 25.4 38.0

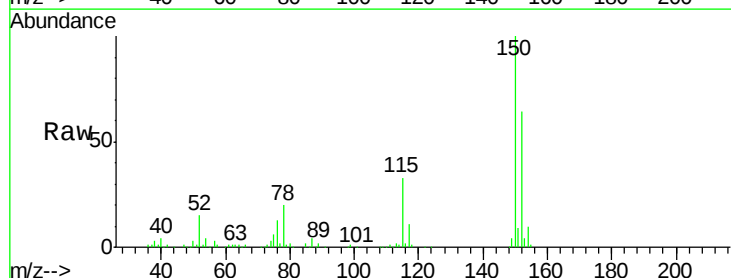


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056174.D
Acq: 10 Jun 2019 17:03

Tgt Ion:152 Resp: 139235
Ion Ratio Lower Upper
152 100
115 52.7 27.0 81.0
150 156.6 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

