

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056222.D
 Acq On : 11 Jun 2019 14:47
 Operator : JC/SP
 Sample : K3284-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW308S-20190609

Quant Time: Jun 12 07:15:22 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	302383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	447267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	442642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138865	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	156474	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
35) Dibromofluoromethane	7.59	113	146575	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.09	98	578168	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
62) 4-Bromofluorobenzene	12.40	95	180698	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	

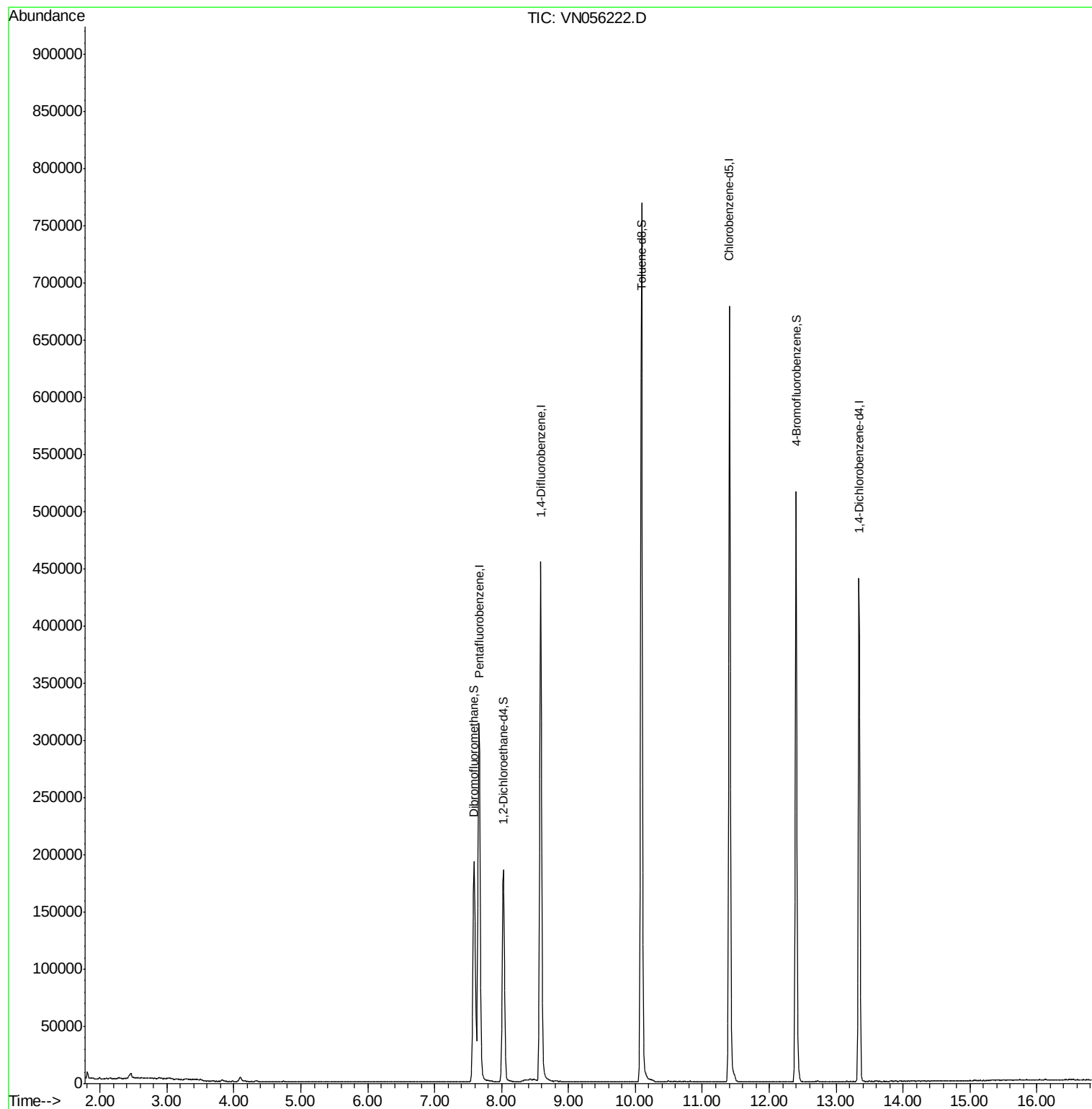
Target Compounds	Qvalue
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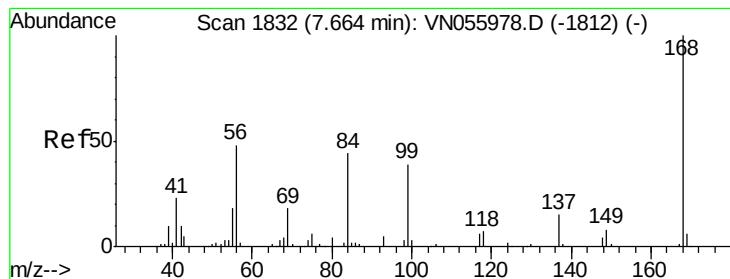
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061119\
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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: VN056222.D

Acq: 11 Jun 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

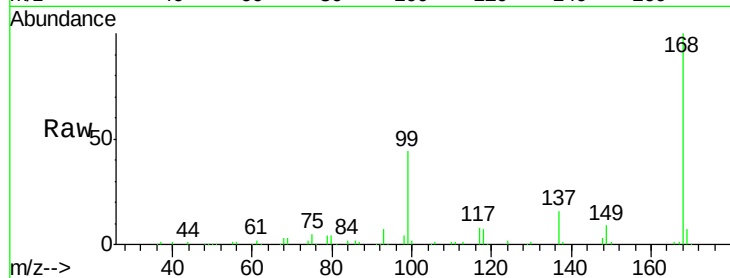
BPS1-TT-MW308S-20190609

Tot Ion:168 Resp: 302383

Ion Ratio Lower Upper

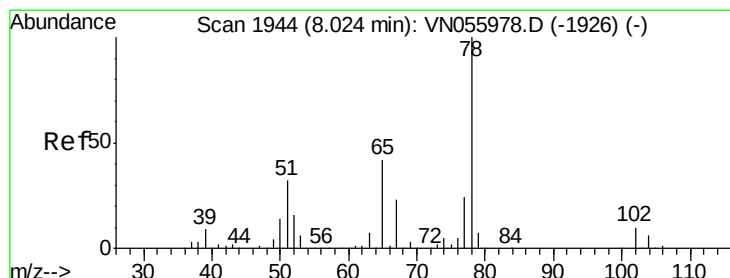
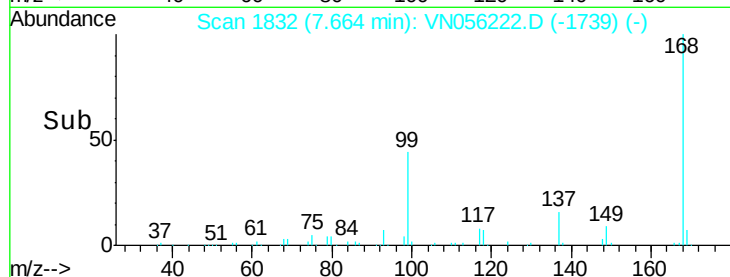
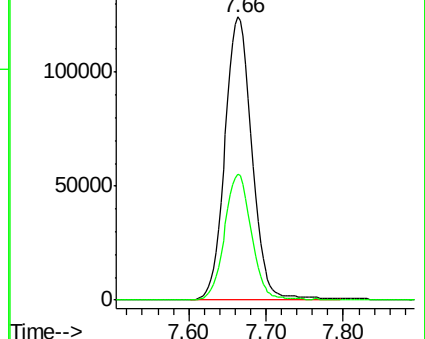
168 100

99 44.3 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: 52.116 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056222.D

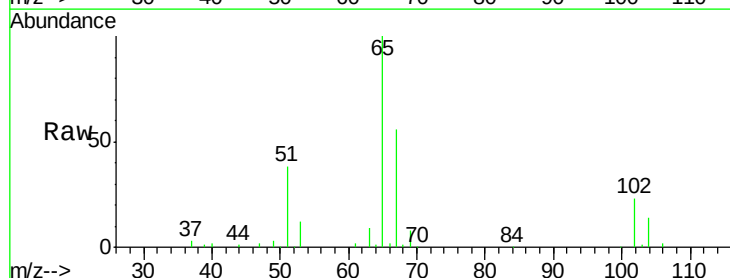
Acq: 11 Jun 2019 14:47

Tgt Ion: 65 Resp: 156474

Ion Ratio Lower Upper

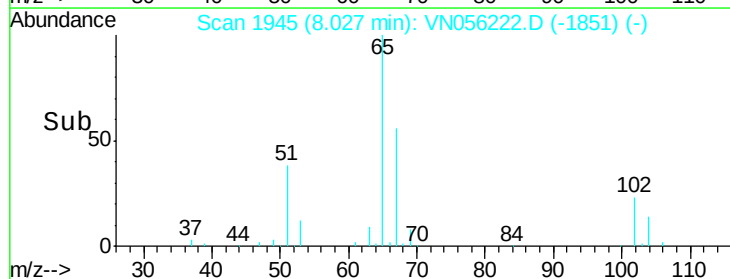
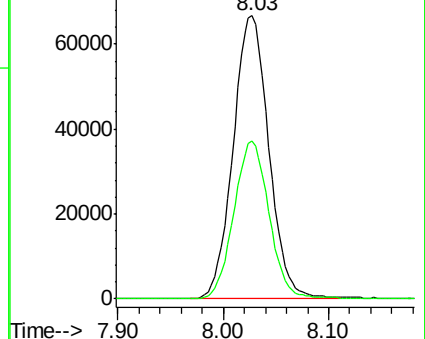
65 100

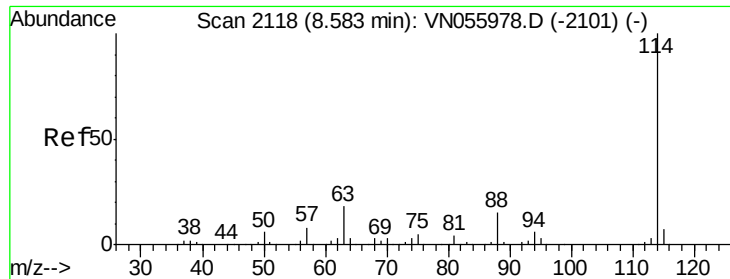
67 55.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

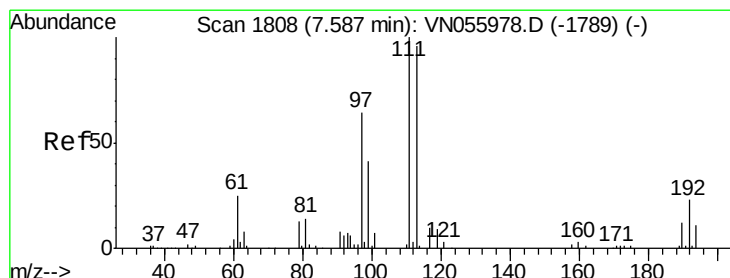
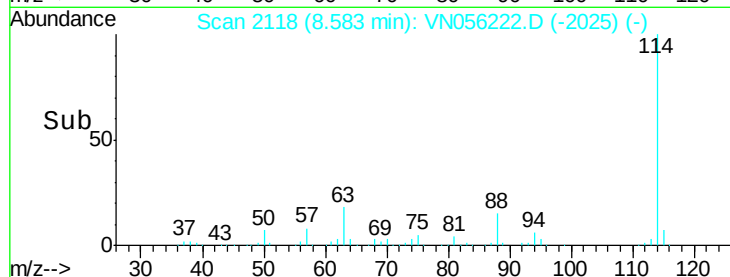
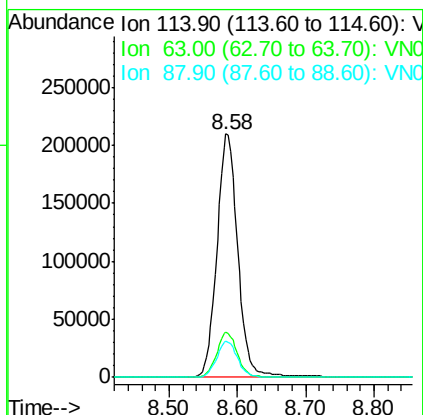
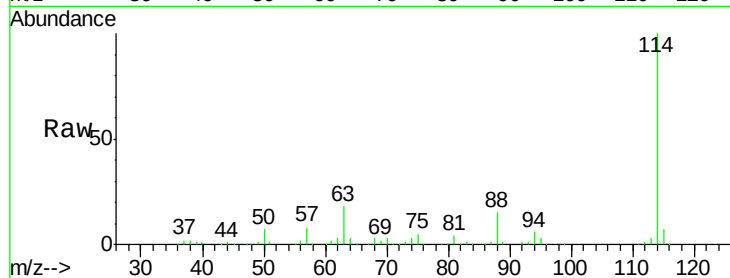




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056222.D
 Acq: 11 Jun 2019 14:47

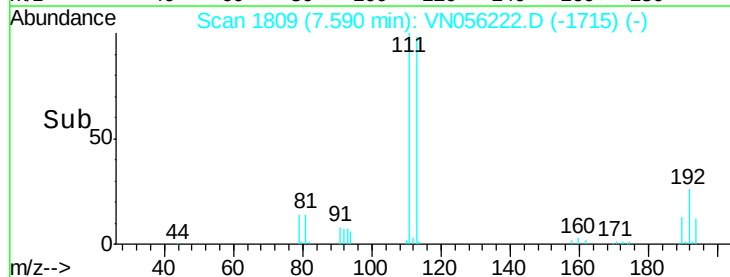
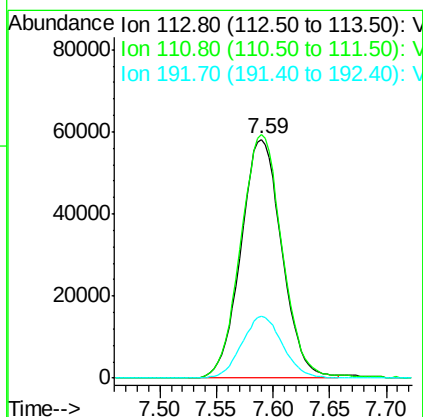
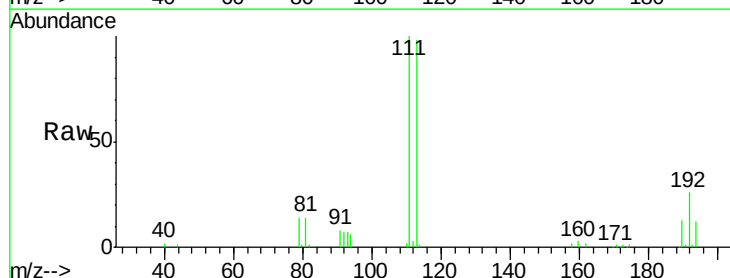
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW308S-20190609

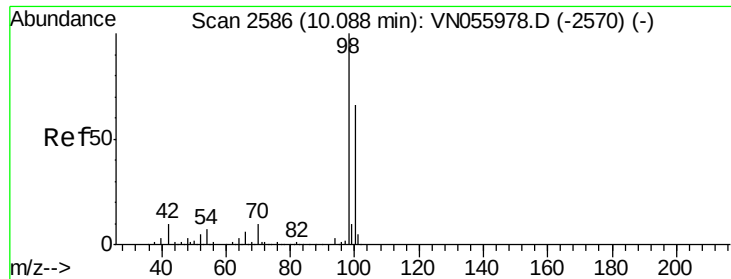
Tot Ion:114 Resp: 447267
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.0 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 53.414 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056222.D
 Acq: 11 Jun 2019 14:47

Tgt Ion:113 Resp: 146575
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 25.8 19.5 29.3





#50

Toluene-d8

Concen: 54.754 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056222.D

Acq: 11 Jun 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

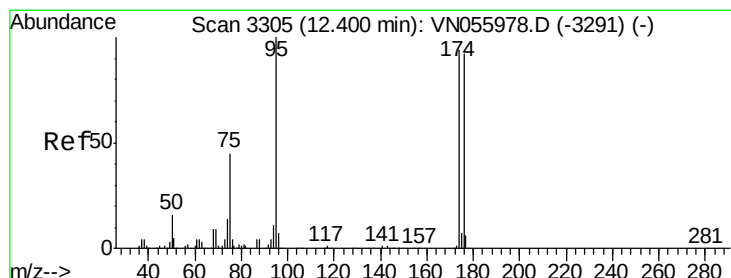
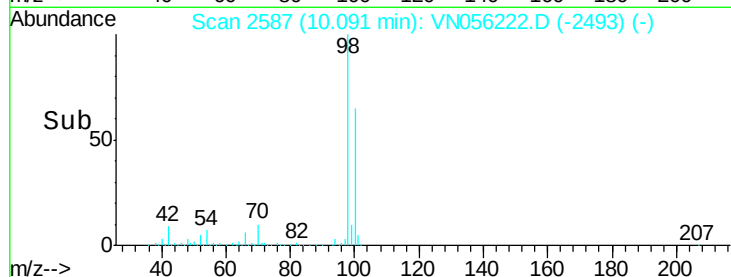
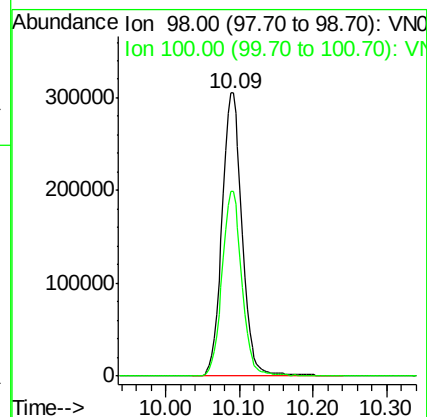
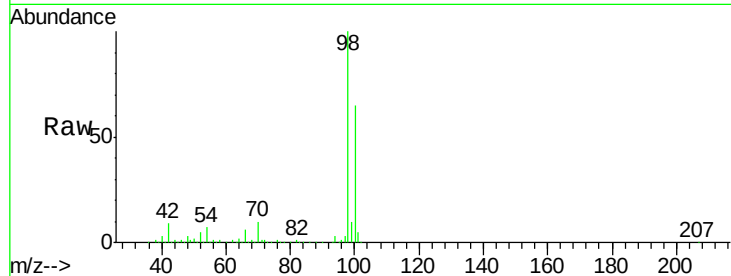
BPS1-TT-MW308S-20190609

Tot Ion: 98 Resp: 578168

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.320 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056222.D

Acq: 11 Jun 2019 14:47

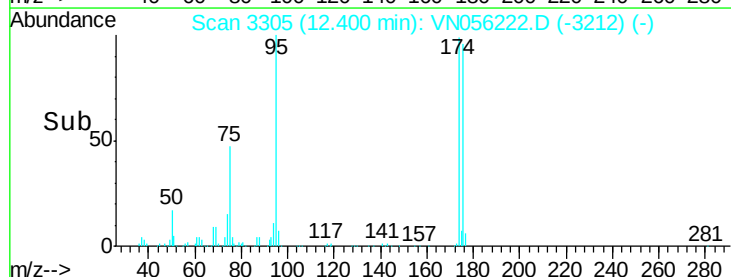
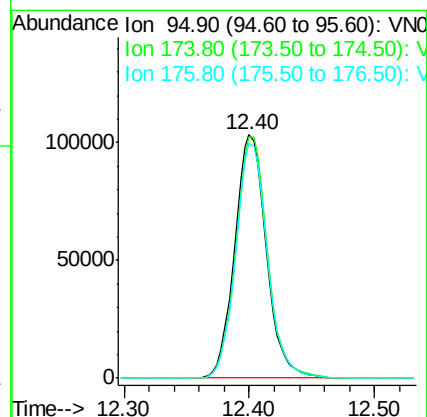
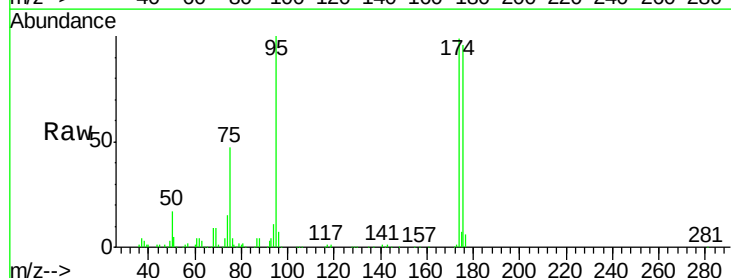
Tgt Ion: 95 Resp: 180698

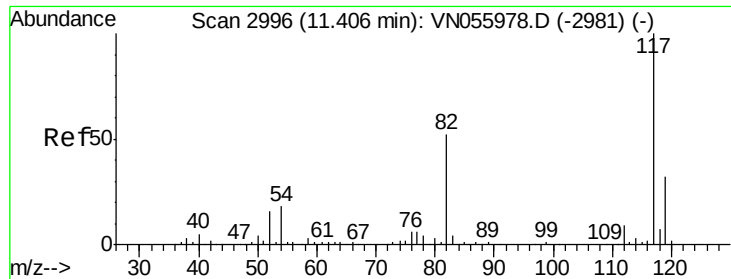
Ion Ratio Lower Upper

95 100

174 99.6 0.0 191.0

176 96.4 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056222.D

Acq: 11 Jun 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW308S-20190609

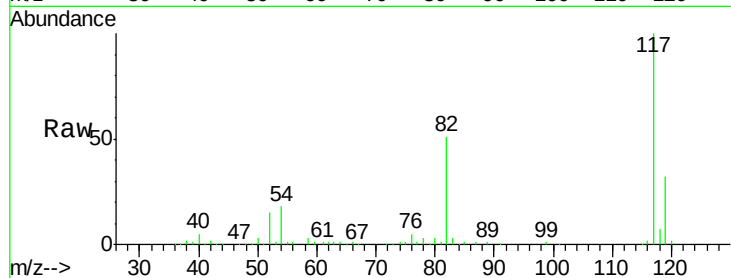
Tot Ion:117 Resp: 442642

Ion Ratio Lower Upper

117 100

82 50.6 41.8 62.8

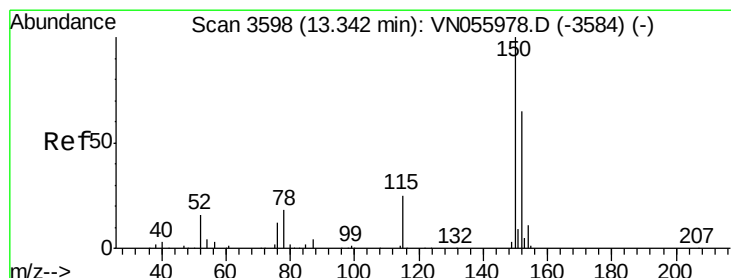
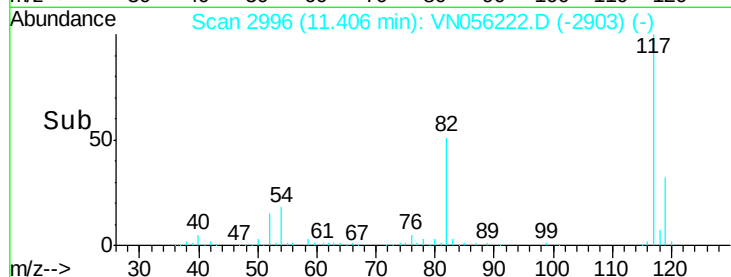
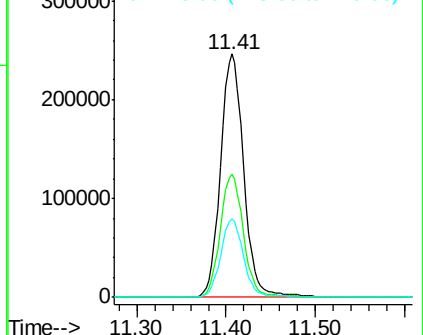
119 32.2 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN056222.D

Acq: 11 Jun 2019 14:47

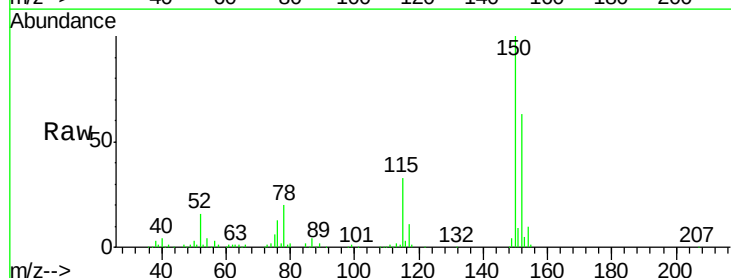
Tgt Ion:152 Resp: 138865

Ion Ratio Lower Upper

152 100

115 50.9 27.0 81.0

150 155.5 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

