

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112019\
 Data File : VN059324.D
 Acq On : 20 Nov 2019 13:35
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 21 06:22:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 06:09:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	403230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	641494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	551624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	228648	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.57	113	177151	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	10.08	98	693669	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
62) 4-Bromofluorobenzene	12.40	95	226599	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	

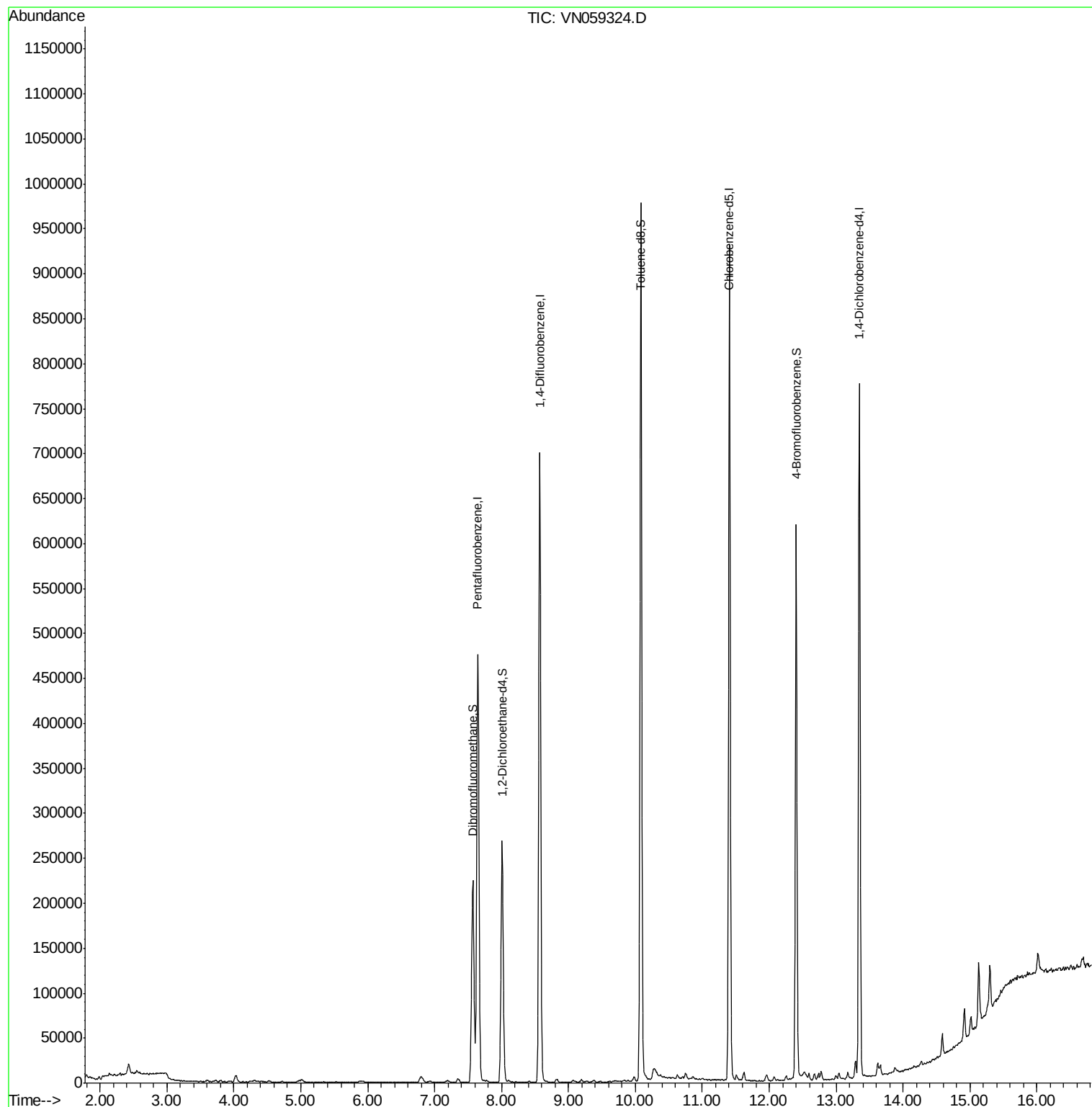
Target Compounds	Qvalue

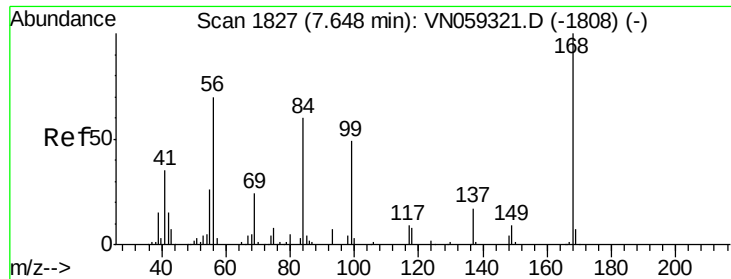
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112019\
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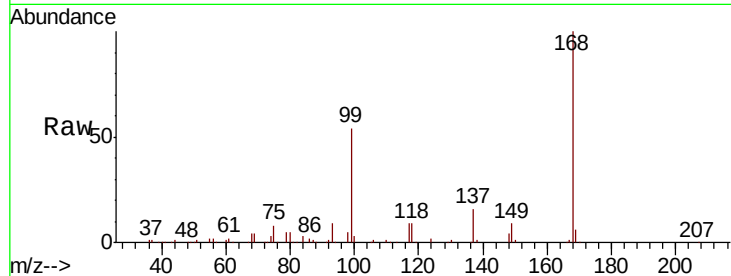




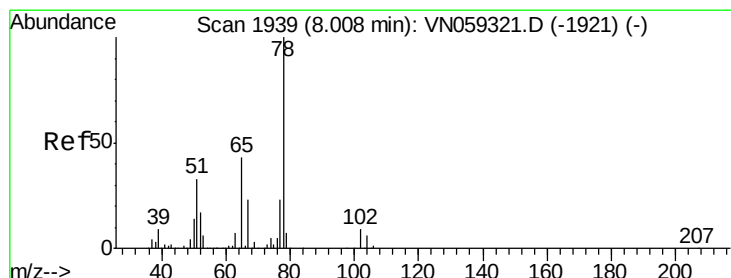
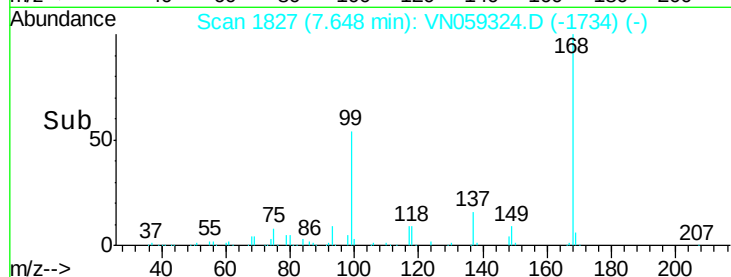
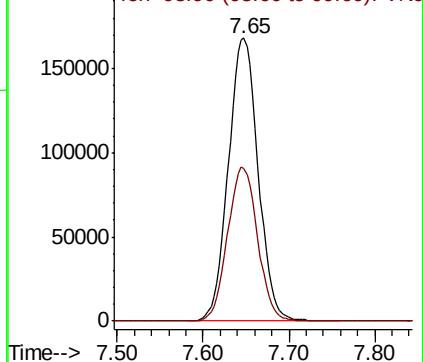
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN059324.D
Acq: 20 Nov 2019 13:35

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:168 Resp: 403230
Ion Ratio Lower Upper
168 100
99 54.1 44.6 66.8

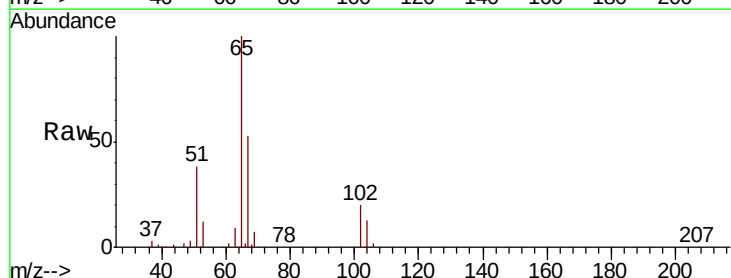


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

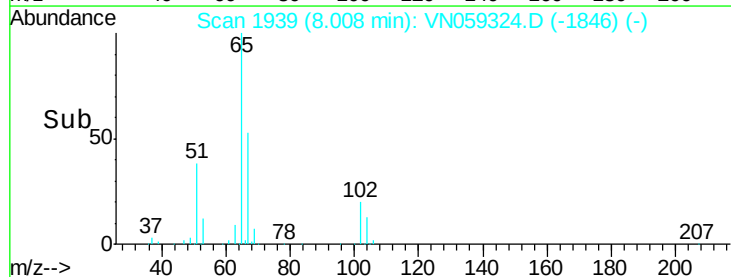
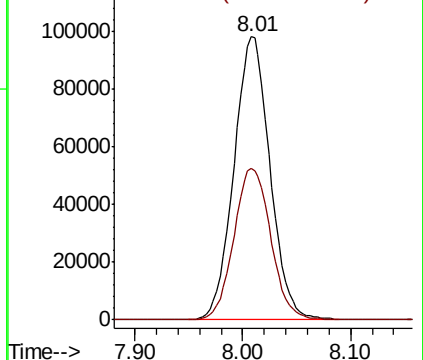


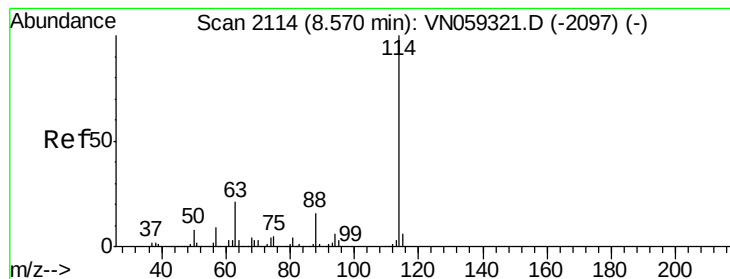
#33
1,2-Dichloroethane-d4
Concen: 47.260 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059324.D
Acq: 20 Nov 2019 13:35

Tgt Ion: 65 Resp: 228648
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.4



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: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059324.D

Acq: 20 Nov 2019 13:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

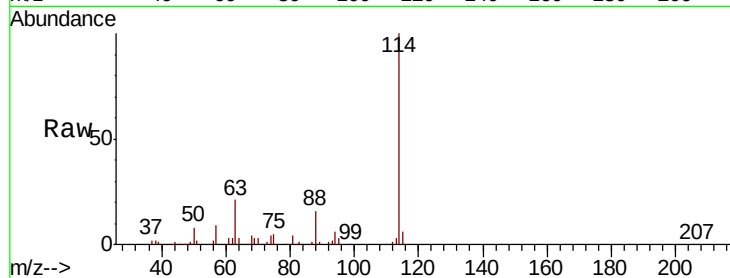
Tot Ion:114 Resp: 641494

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

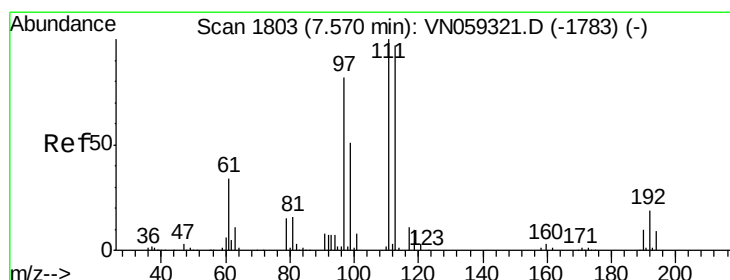
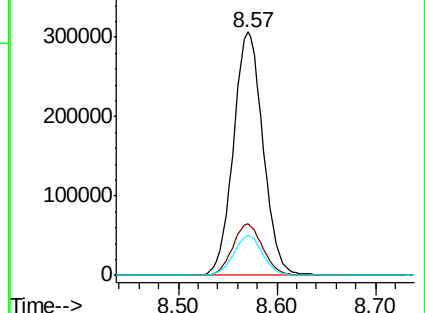
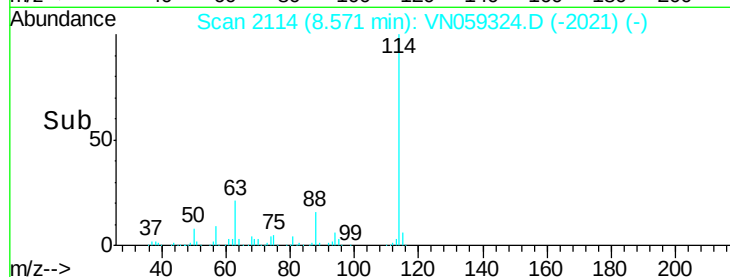
88 16.3 0.0 32.2



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: 46.030 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059324.D

Acq: 20 Nov 2019 13:35

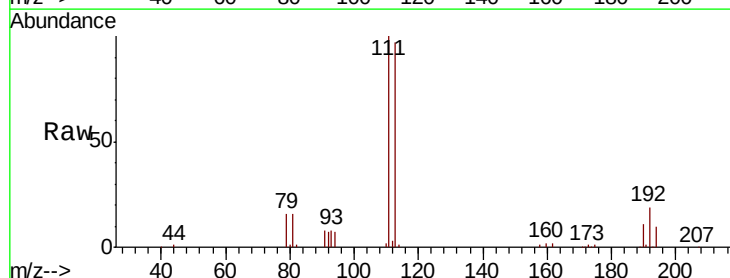
Tgt Ion:113 Resp: 177151

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

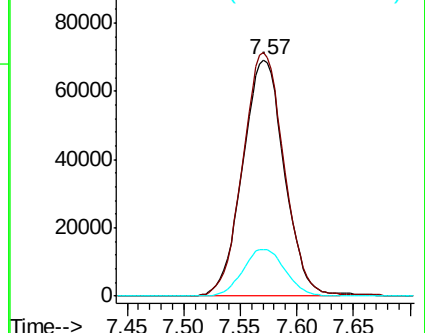
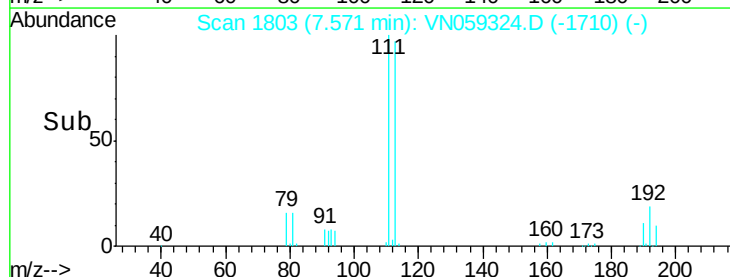
192 20.0 16.3 24.5

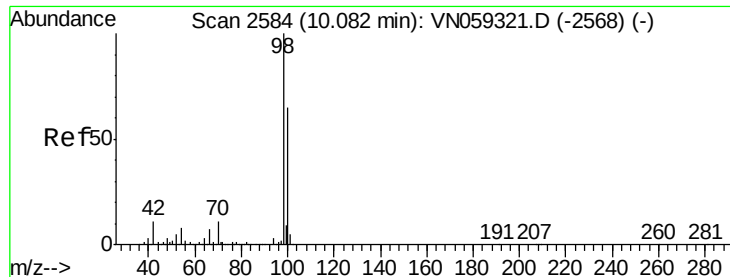


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.338 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059324.D

Acq: 20 Nov 2019 13:35

Instrument :

MSVOA_N

ClientSampleId :

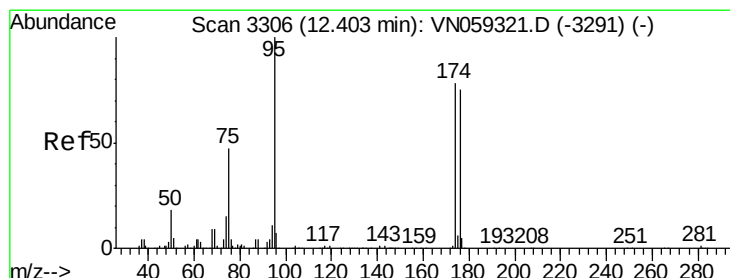
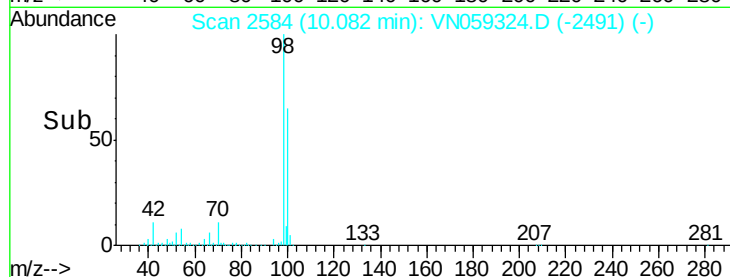
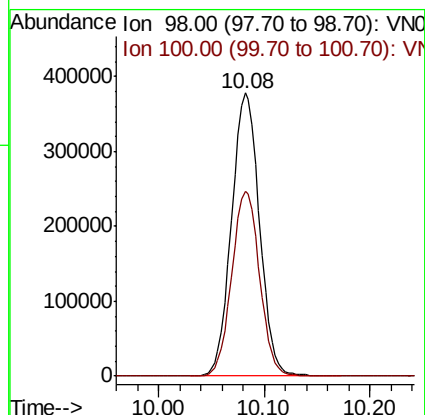
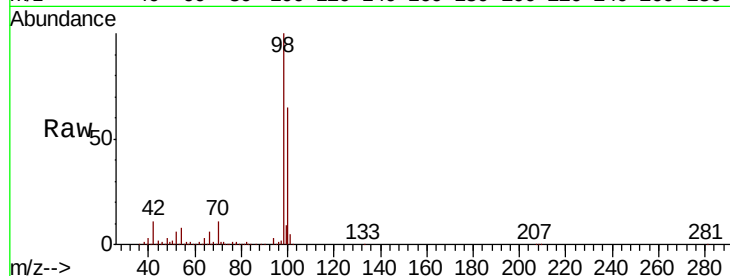
IBLK

Tot Ion: 98 Resp: 693669

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 42.357 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059324.D

Acq: 20 Nov 2019 13:35

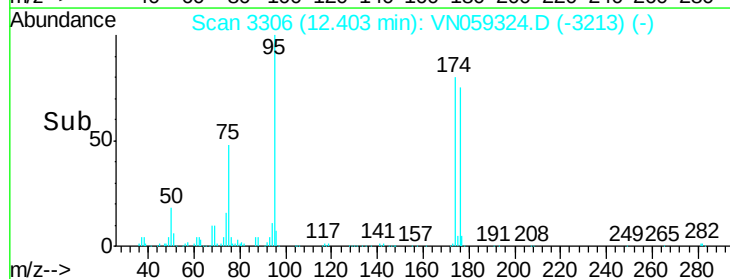
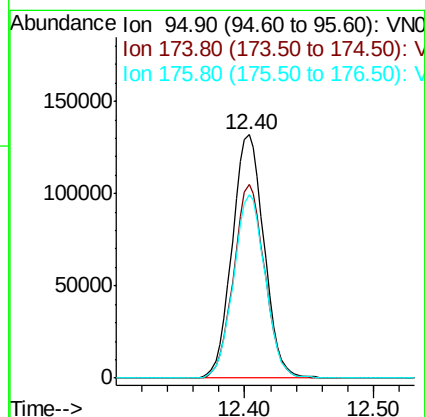
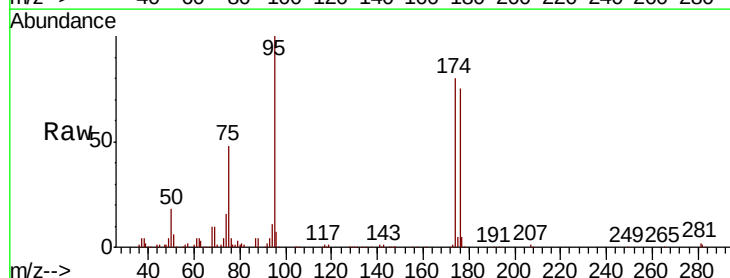
Tgt Ion: 95 Resp: 226599

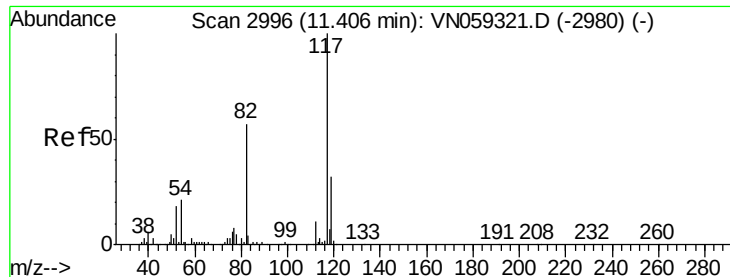
Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.4

176 74.9 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059324.D

Acq: 20 Nov 2019 13:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

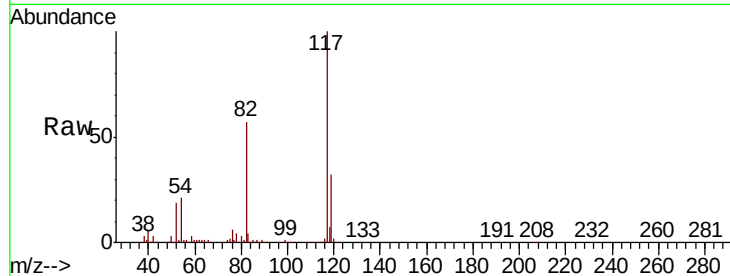
Tot Ion:117 Resp: 551624

Ion Ratio Lower Upper

117 100

82 57.4 45.7 68.5

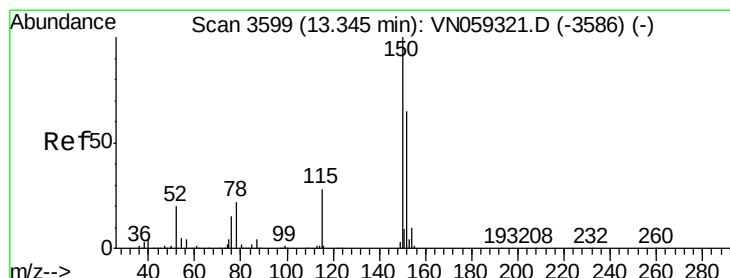
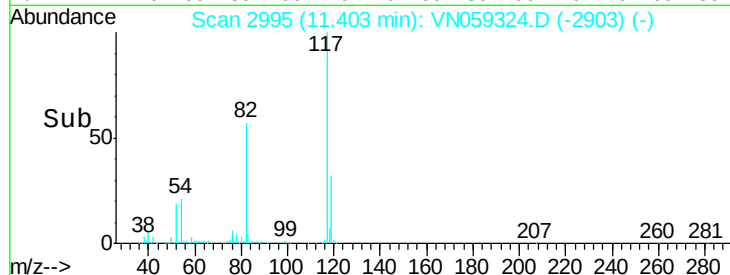
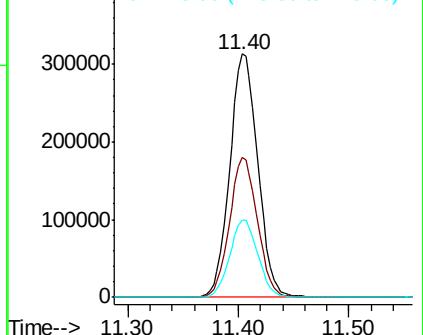
119 31.7 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059324.D

Acq: 20 Nov 2019 13:35

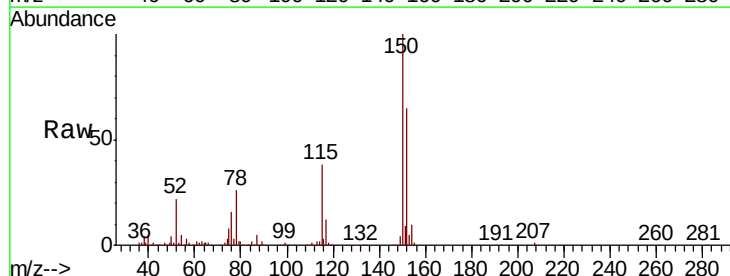
Tgt Ion:152 Resp: 216063

Ion Ratio Lower Upper

152 100

115 58.4 29.3 88.0

150 155.9 0.0 346.0



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

