

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011520\
 Data File : VN059718.D
 Acq On : 15 Jan 2020 16:16
 Operator : JC/MD
 Sample : L1145-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-109

Quant Time: Jan 16 04:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

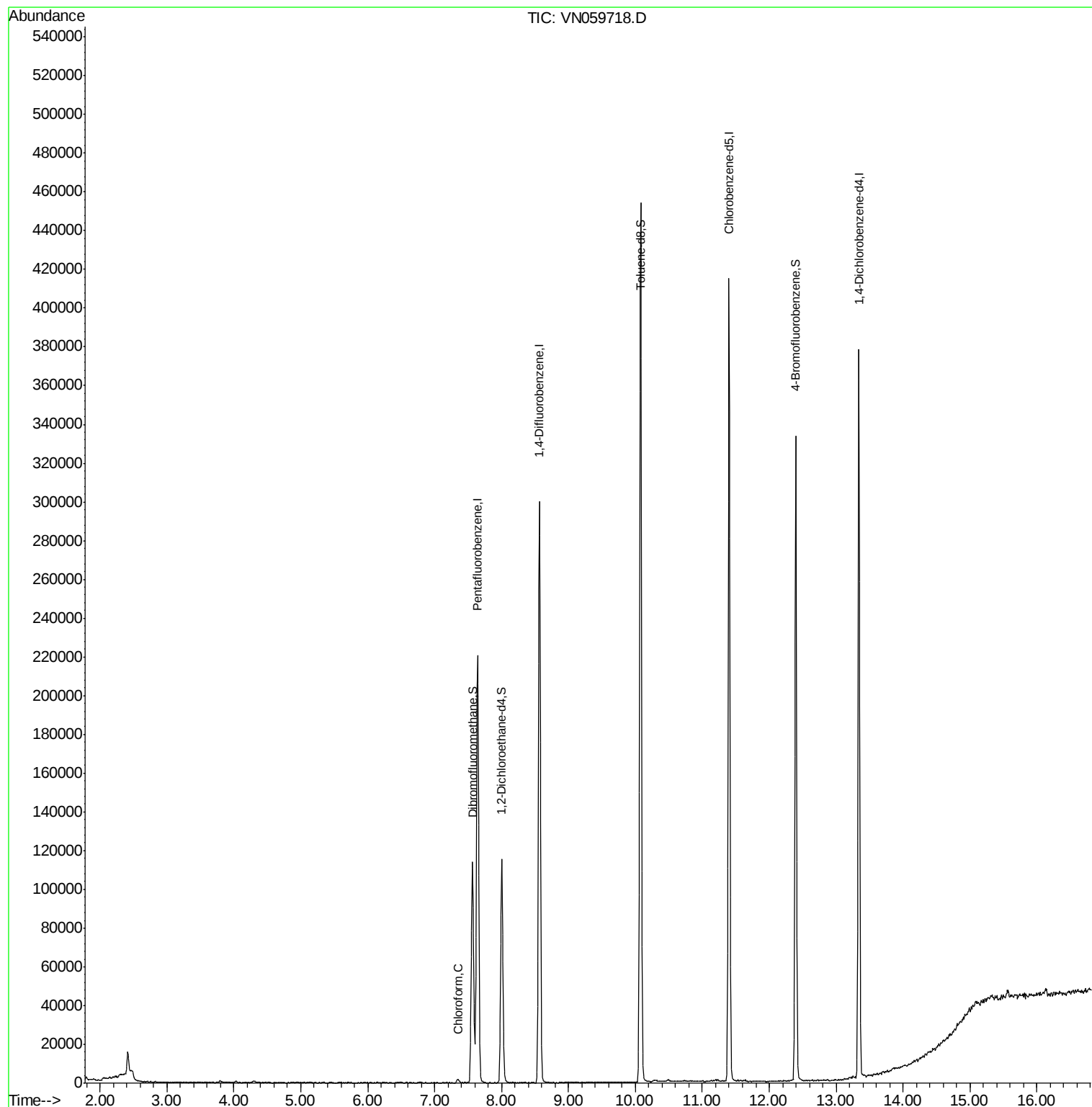
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	246816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98539	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
35) Dibromofluoromethane	7.56	113	88297	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.08	98	323528	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	110300	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
30) Chloroform	7.35	83	2366	0.702	ug/l	Qvalue 97

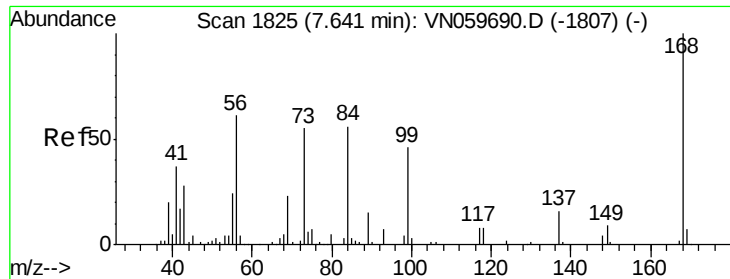
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011520\
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QLast Update : Tue Jan 14 08:58:21 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampled :

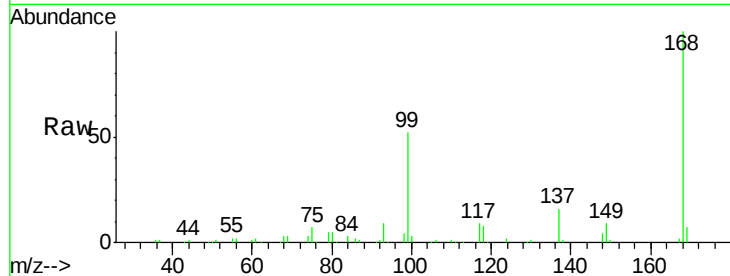
MH-109

Tot Ion:168 Resp: 190522

Ion Ratio Lower Upper

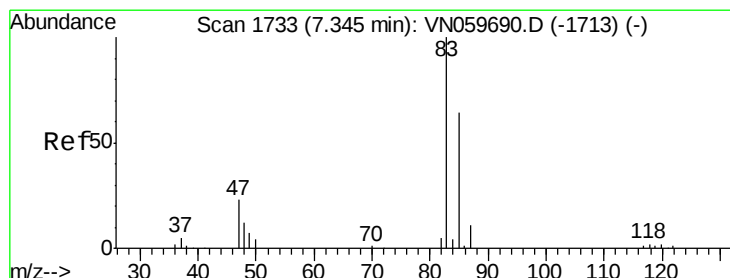
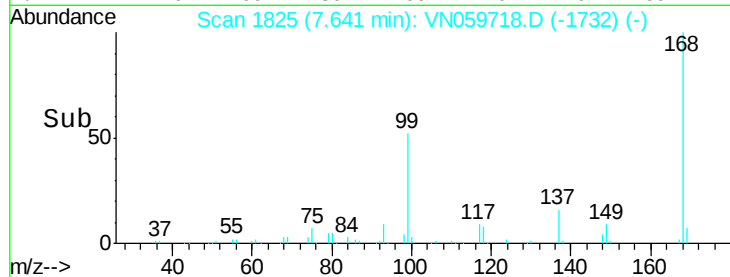
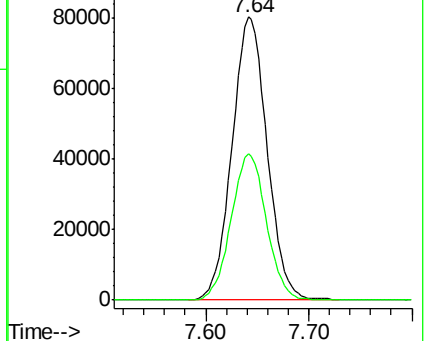
168 100

99 51.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#30

Chloroform

Concen: 0.702 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN059718.D

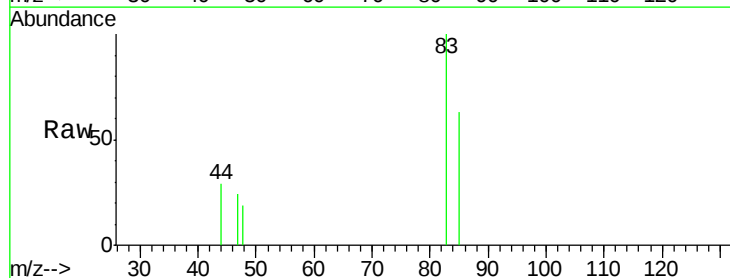
Acq: 15 Jan 2020 16:16

Tgt Ion: 83 Resp: 2366

Ion Ratio Lower Upper

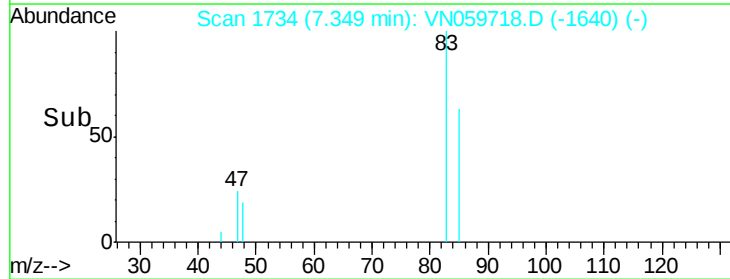
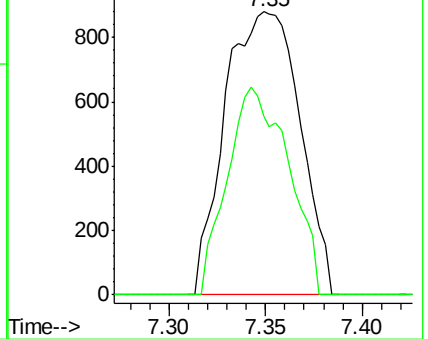
83 100

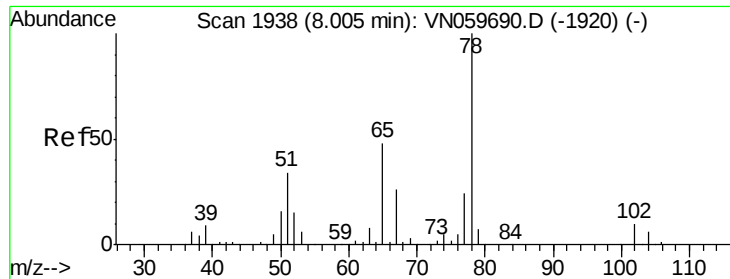
85 62.9 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

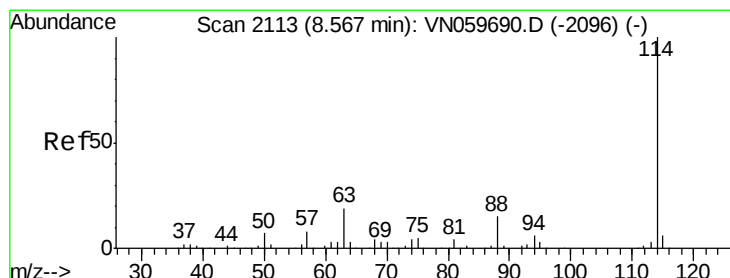
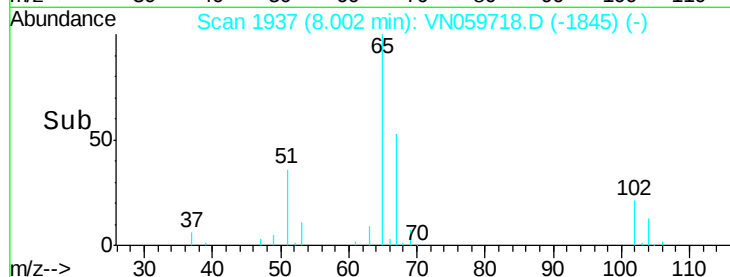
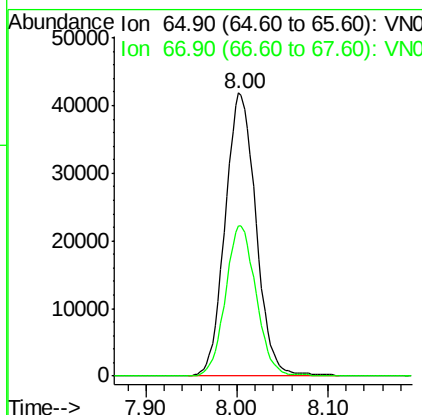
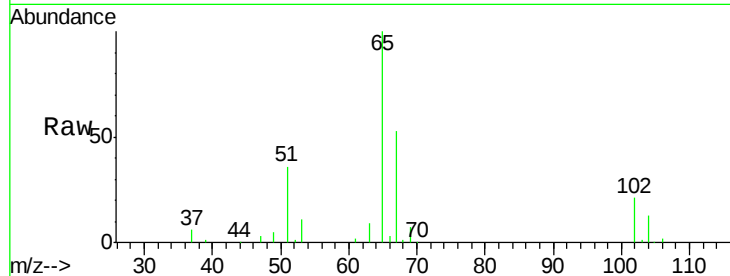




#33
 1,2-Dichloroethane-d4
 Concen: 46.573 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059718.D
 Acq: 15 Jan 2020 16:16

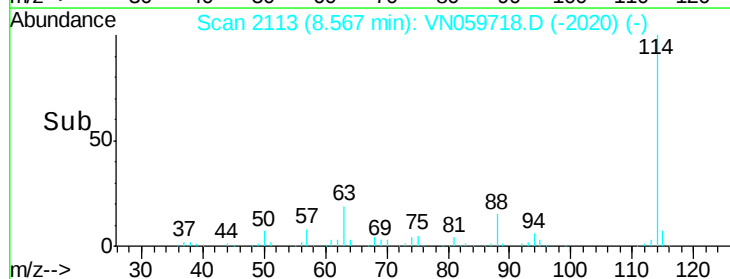
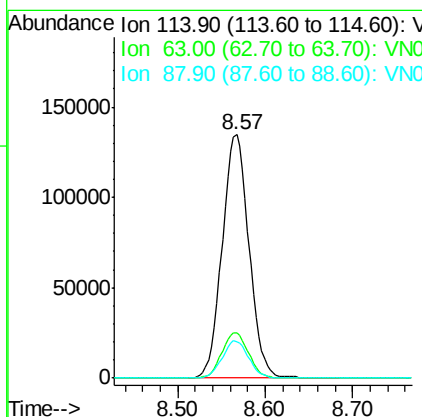
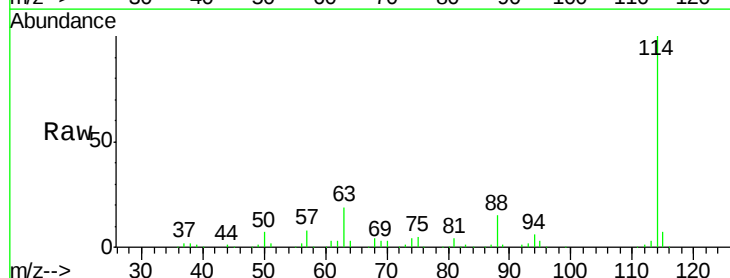
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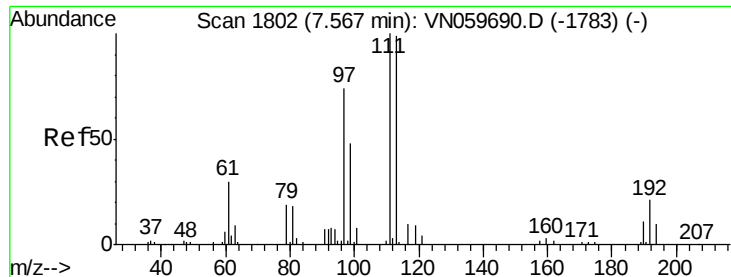
Tot Ion: 65 Resp: 98539
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059718.D
 Acq: 15 Jan 2020 16:16

Tgt Ion: 114 Resp: 286200
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 15.1 0.0 31.4

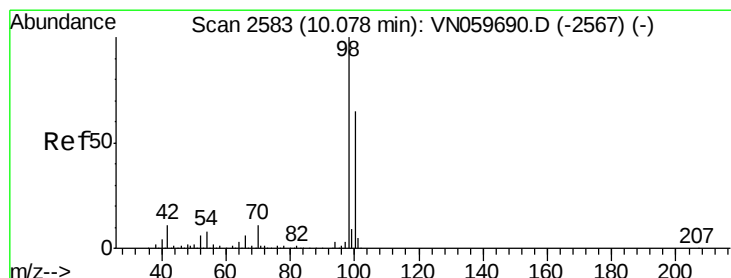
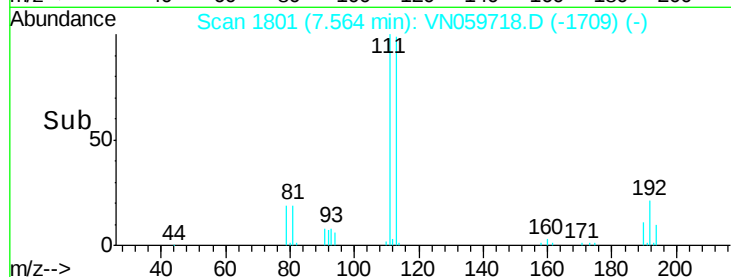
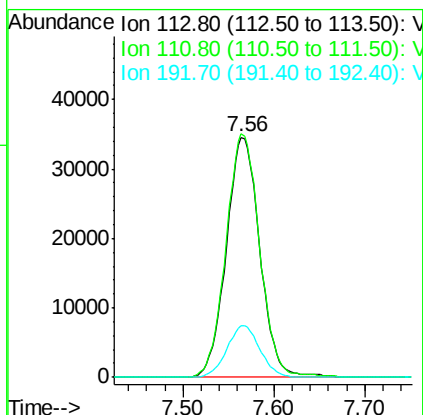
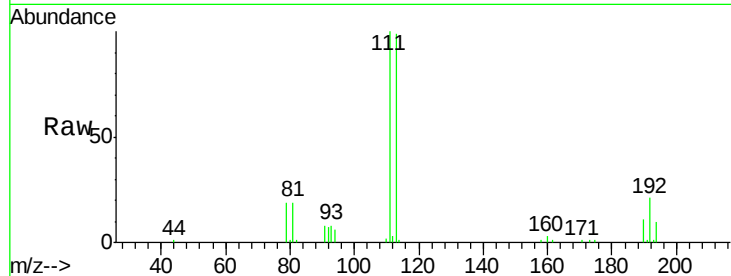




#35
Dibromofluoromethane
Concen: 51.734 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

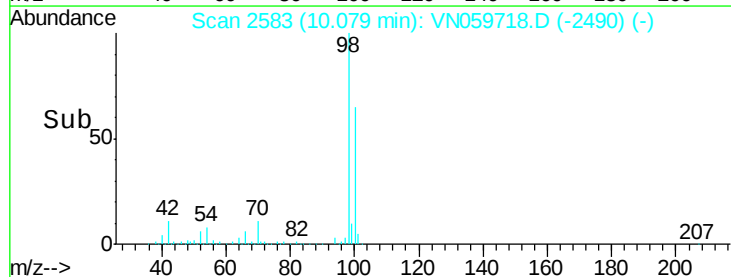
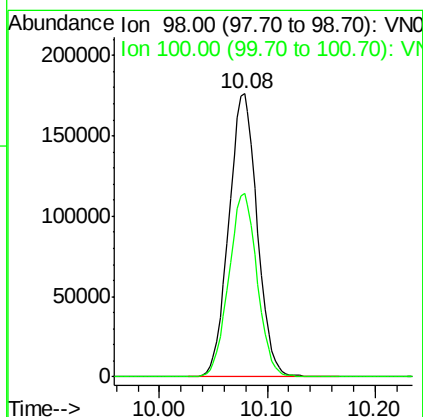
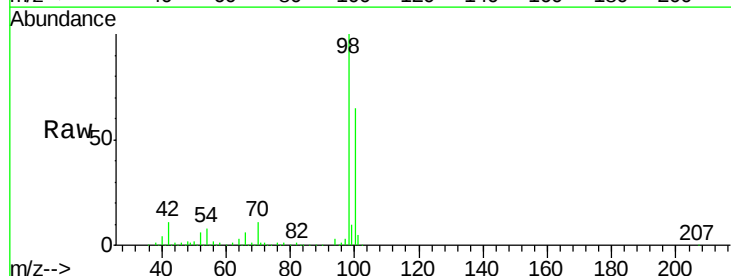
Instrument :
MSVOA_N
ClientSampleId :
MH-109

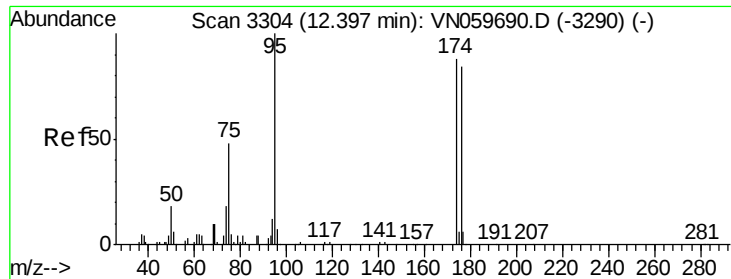
Tot Ion:113 Resp: 88297
Ion Ratio Lower Upper
113 100
111 101.3 83.5 125.3
192 21.1 15.4 23.2



#50
Toluene-d8
Concen: 48.925 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

Tgt Ion: 98 Resp: 323528
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8

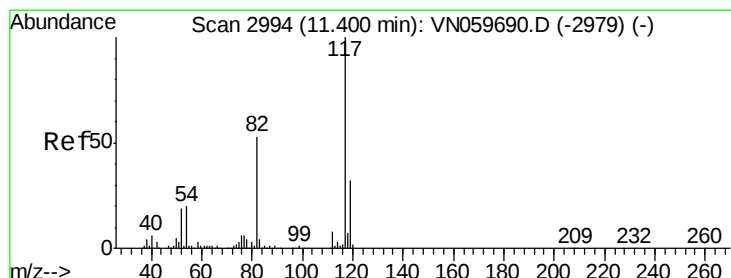
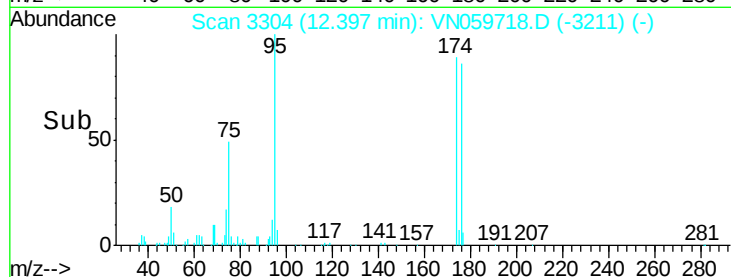
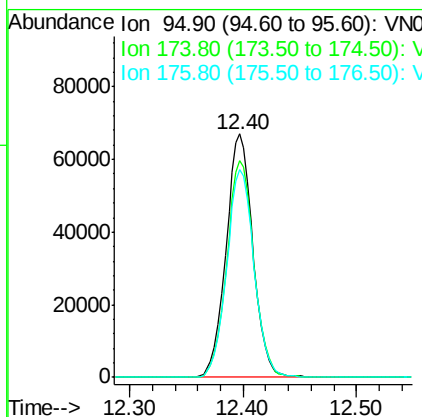
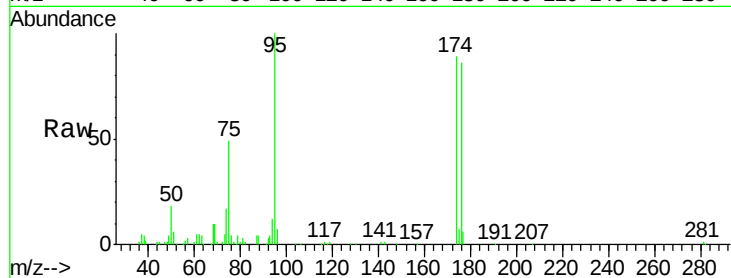




#62
4-Bromofluorobenzene
Concen: 46.269 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

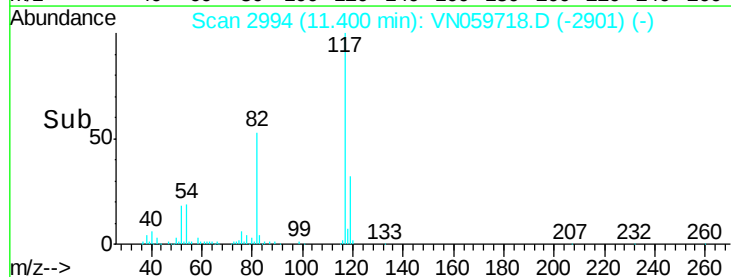
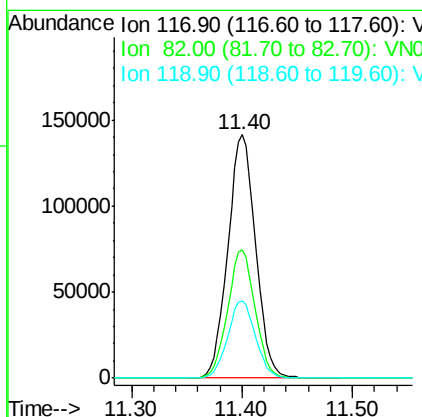
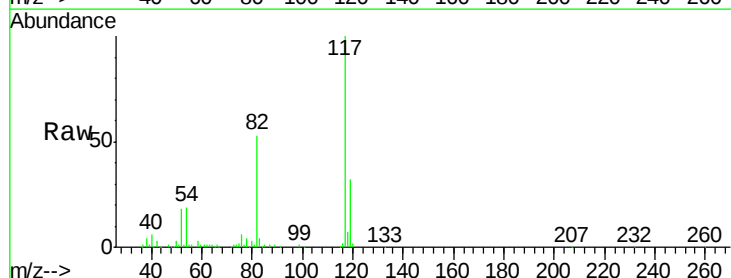
Instrument :
MSVOA_N
ClientSampleId :
MH-109

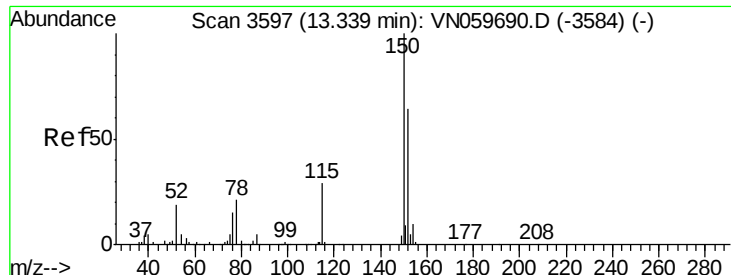
Tot Ion: 95 Resp: 110300
Ion Ratio Lower Upper
95 100
174 90.1 0.0 151.4
176 87.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

Tgt Ion: 117 Resp: 246816
Ion Ratio Lower Upper
117 100
82 52.6 45.9 68.9
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

MH-109

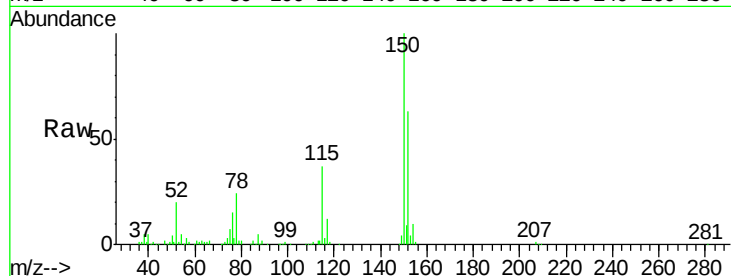
Tot Ion:152 Resp: 104635

Ion Ratio Lower Upper

152 100

115 57.1 30.3 90.9

150 157.1 0.0 345.2



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

