

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059424.D
 Acq On : 27 Nov 2019 14:59
 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 28 02:10:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	335428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	524774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	184613	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	190507	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.57	113	152512	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	10.08	98	599375	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.40	95	198376	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	

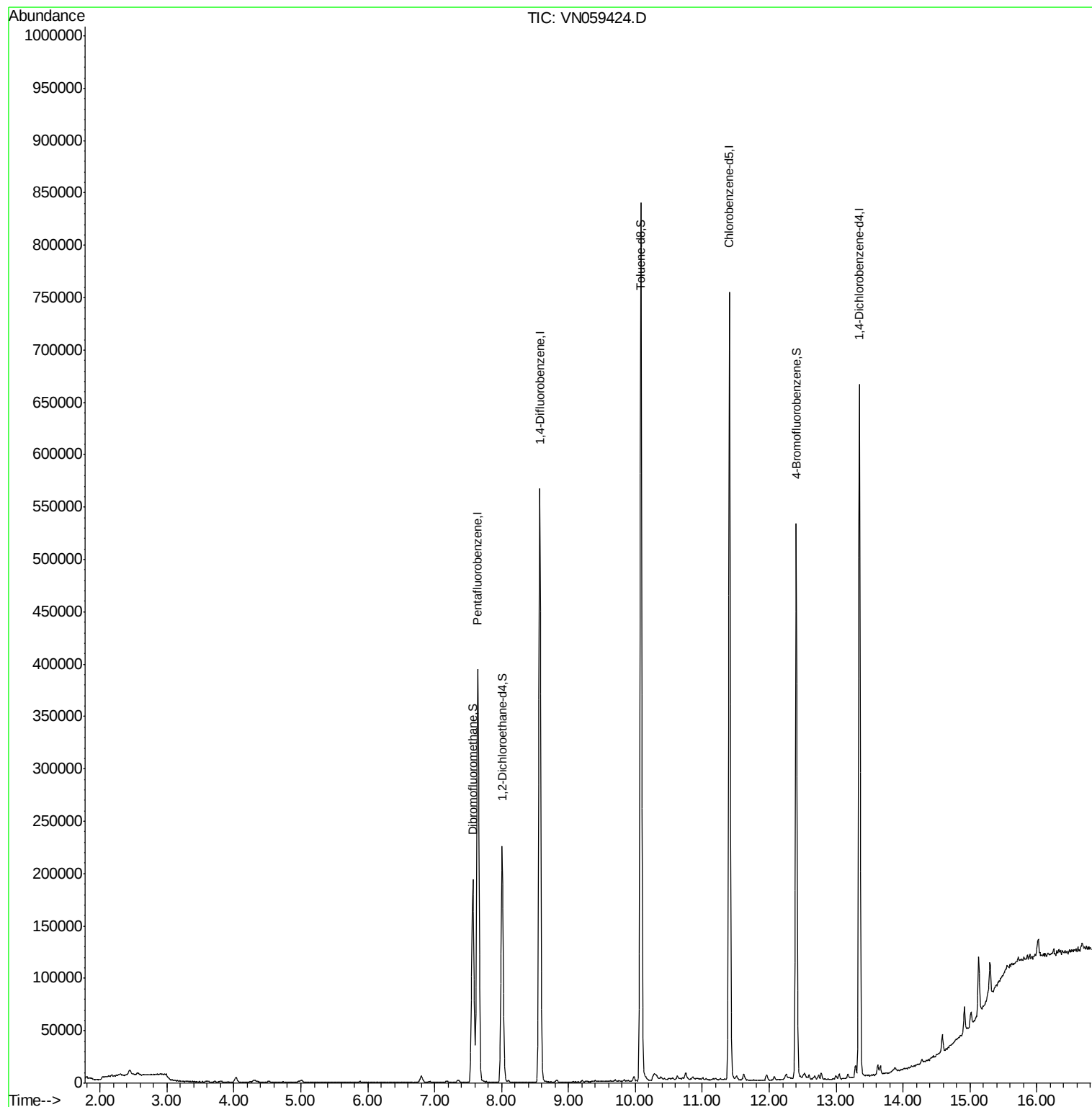
Target Compounds	Qvalue

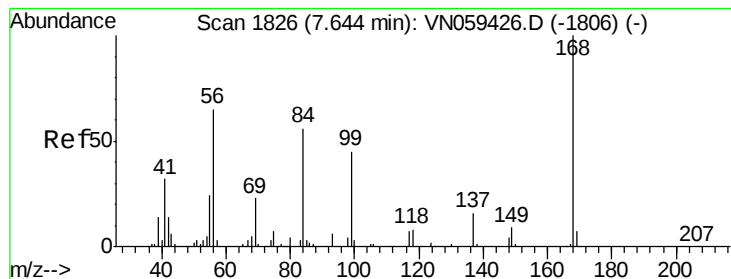
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112719\
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QLast Update : Wed Nov 27 16:56:05 2019
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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: VN059424.D

Acq: 27 Nov 2019 14:59

Instrument :

MSVOA_N

ClientSampled :

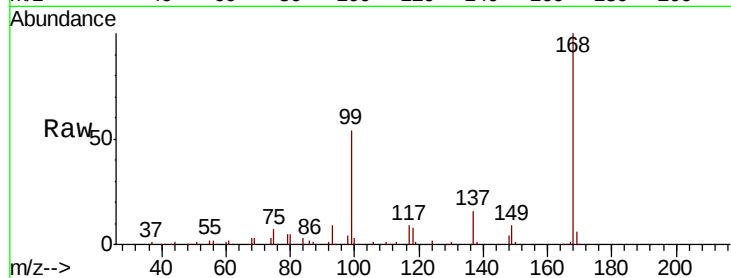
IBLK

Tot Ion:168 Resp: 335428

Ion Ratio Lower Upper

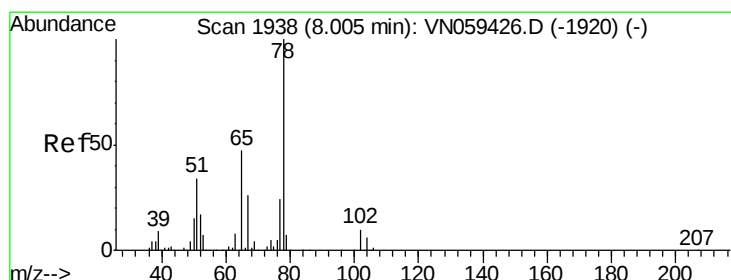
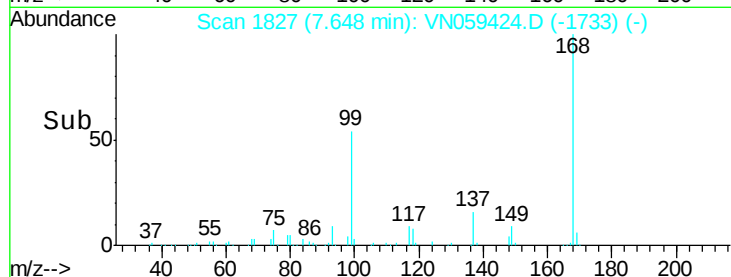
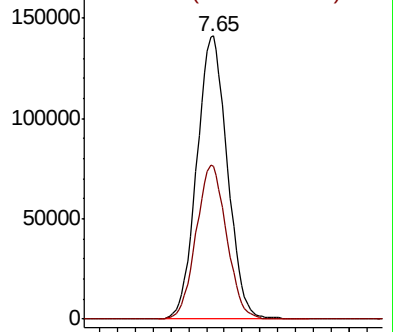
168 100

99 54.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 48.485 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059424.D

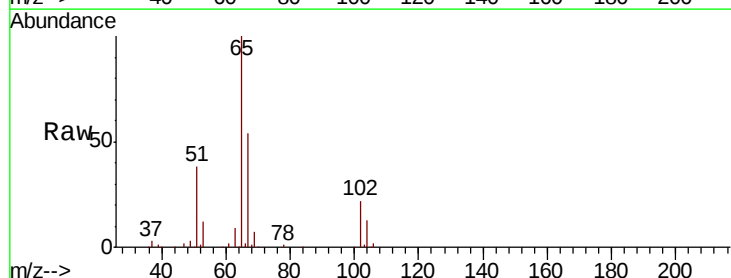
Acq: 27 Nov 2019 14:59

Tgt Ion: 65 Resp: 190507

Ion Ratio Lower Upper

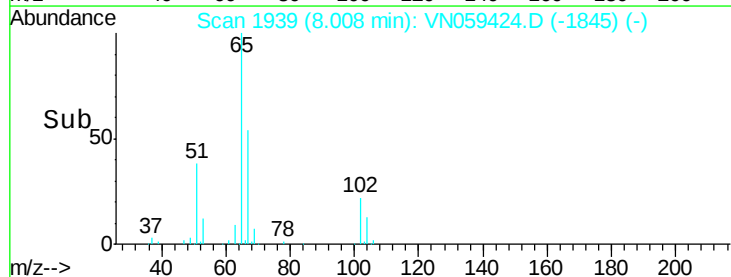
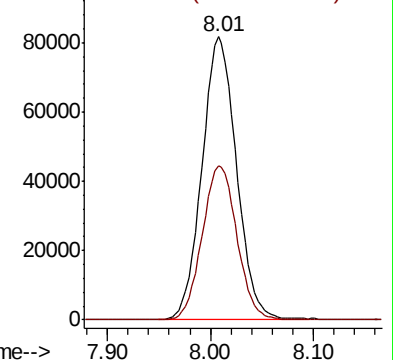
65 100

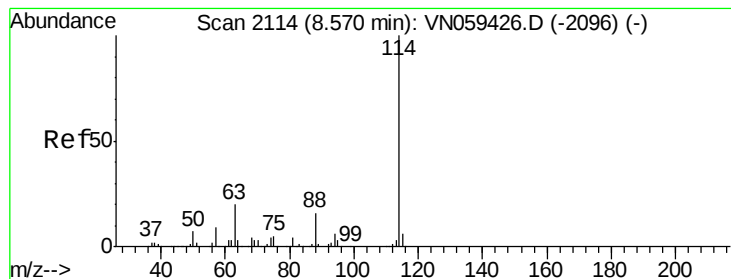
67 54.6 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059424.D

Acq: 27 Nov 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK

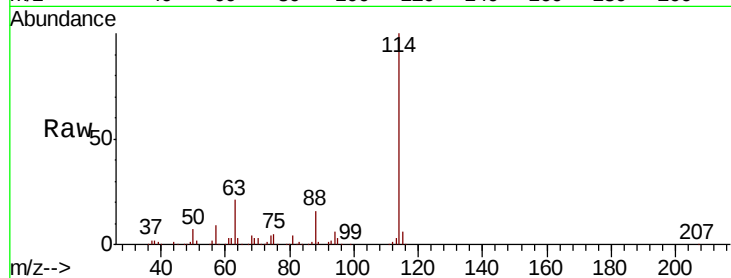
Tot Ion:114 Resp: 524774

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

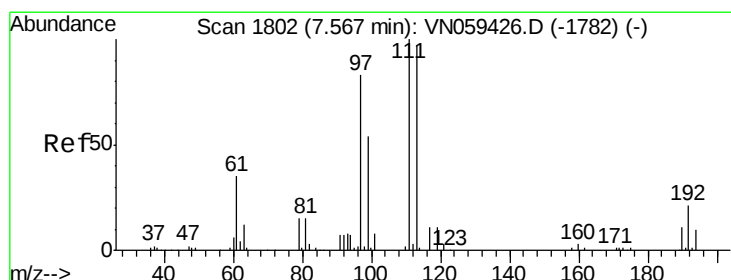
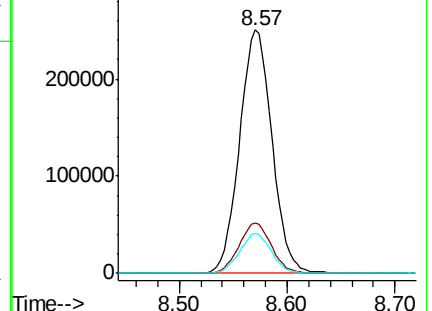
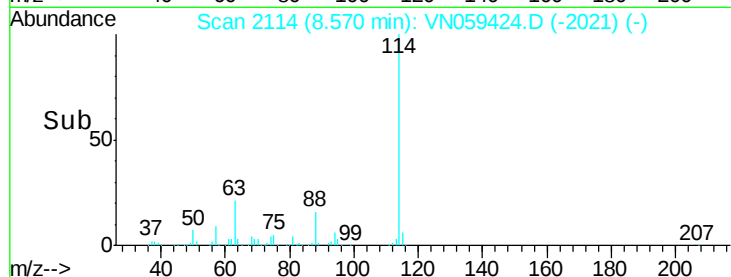
88 16.4 0.0 32.2



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: 47.712 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059424.D

Acq: 27 Nov 2019 14:59

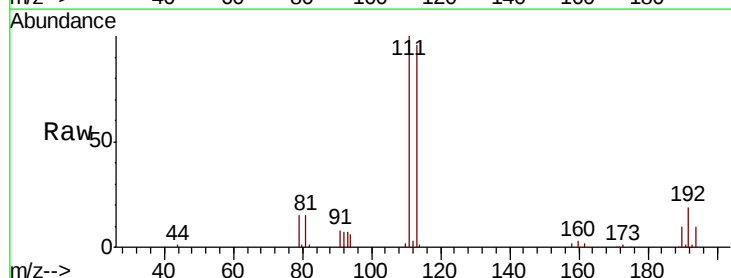
Tgt Ion:113 Resp: 152512

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

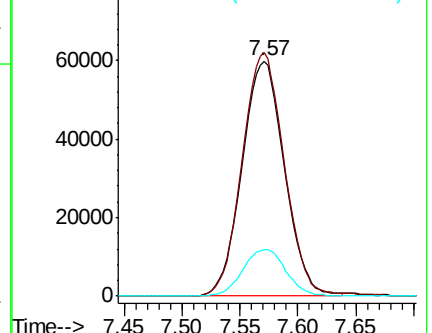
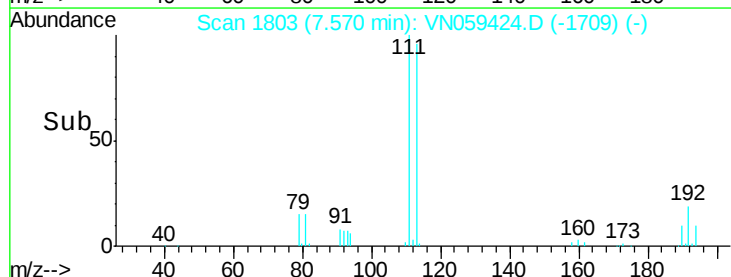
192 20.2 16.6 24.8

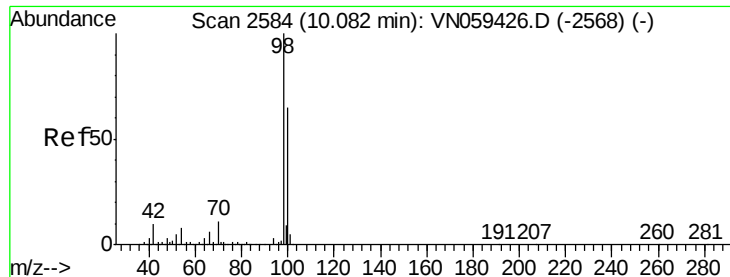


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.060 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059424.D

Acq: 27 Nov 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

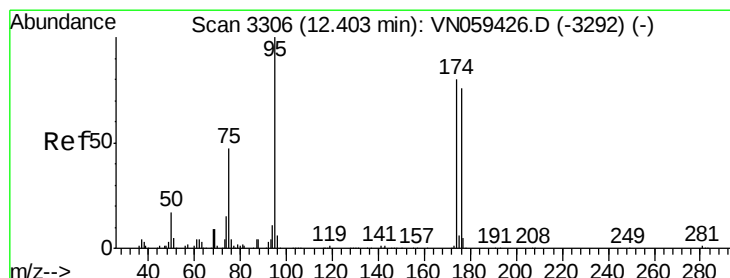
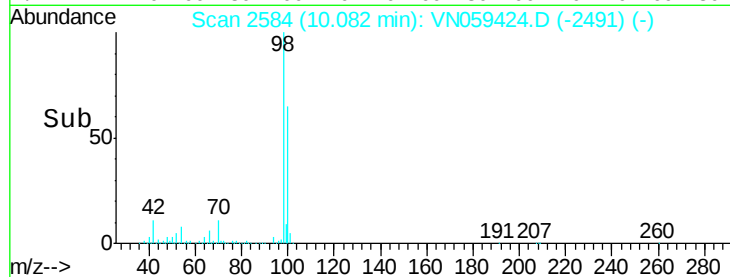
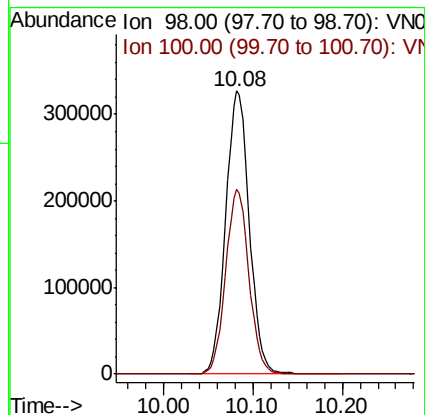
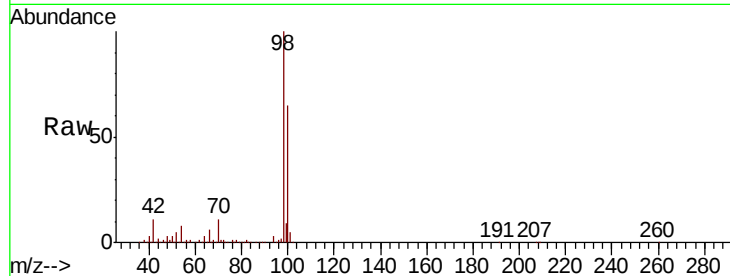
IBLK

Tot Ion: 98 Resp: 599375

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.733 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN059424.D

Acq: 27 Nov 2019 14:59

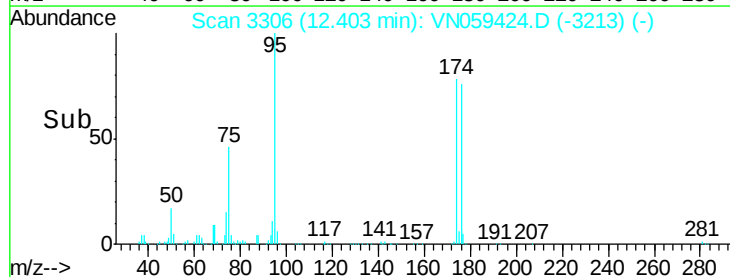
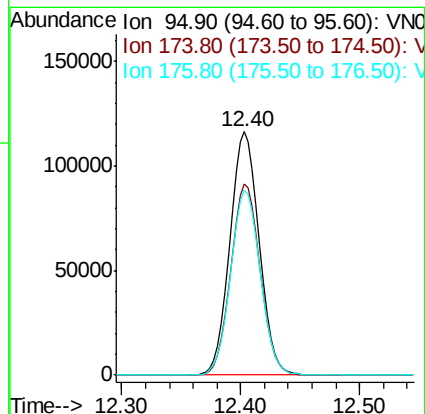
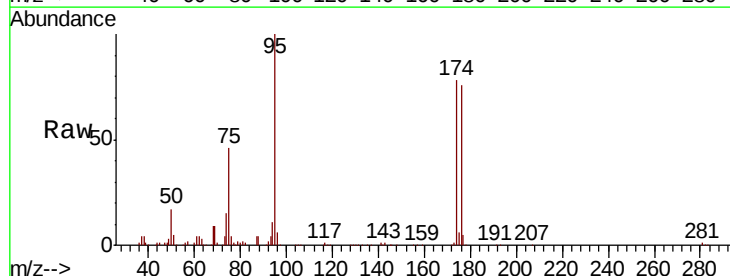
Tgt Ion: 95 Resp: 198376

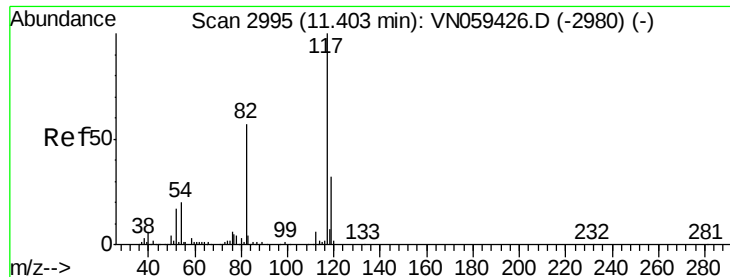
Ion Ratio Lower Upper

95 100

174 78.8 0.0 158.0

176 77.1 0.0 153.0

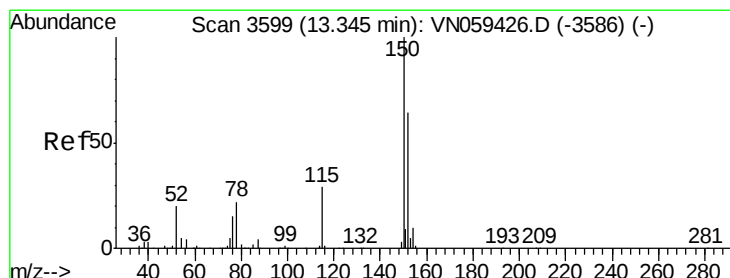
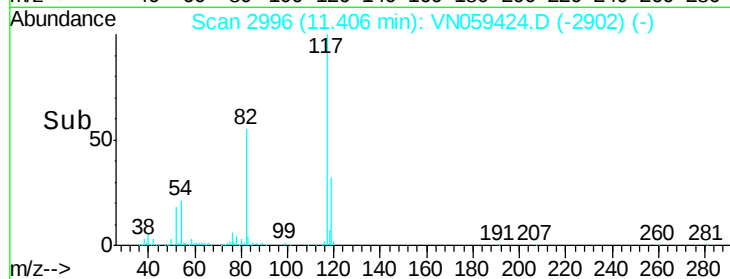
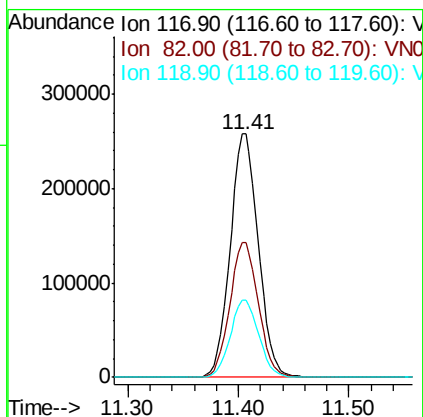
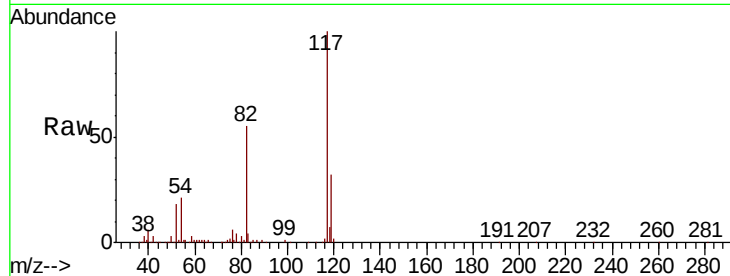




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059424.D
Acq: 27 Nov 2019 14:59

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion:117 Resp: 45537
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059424.D
Acq: 27 Nov 2019 14:59

Tgt Ion:152 Resp: 184613
Ion Ratio Lower Upper
152 100
115 58.2 29.5 88.6
150 156.5 0.0 347.2

