

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061056.D
 Acq On : 17 Apr 2020 17:16
 Operator : JC/MD
 Sample : L2337-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-418-420

Quant Time: Apr 20 04:00:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	145311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	246891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	232347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100828	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	99532	53.54	ug/l	0.00
Spiked Amount						
			Recovery	=	107.08%	
35) Dibromofluoromethane	7.56	113	75114	52.10	ug/l	0.00
Spiked Amount						
			Recovery	=	104.20%	
50) Toluene-d8	10.08	98	306272	56.21	ug/l	0.00
Spiked Amount						
			Recovery	=	112.42%	
62) 4-Bromofluorobenzene	12.40	95	111192	52.07	ug/l	0.00
Spiked Amount						
			Recovery	=	104.14%	

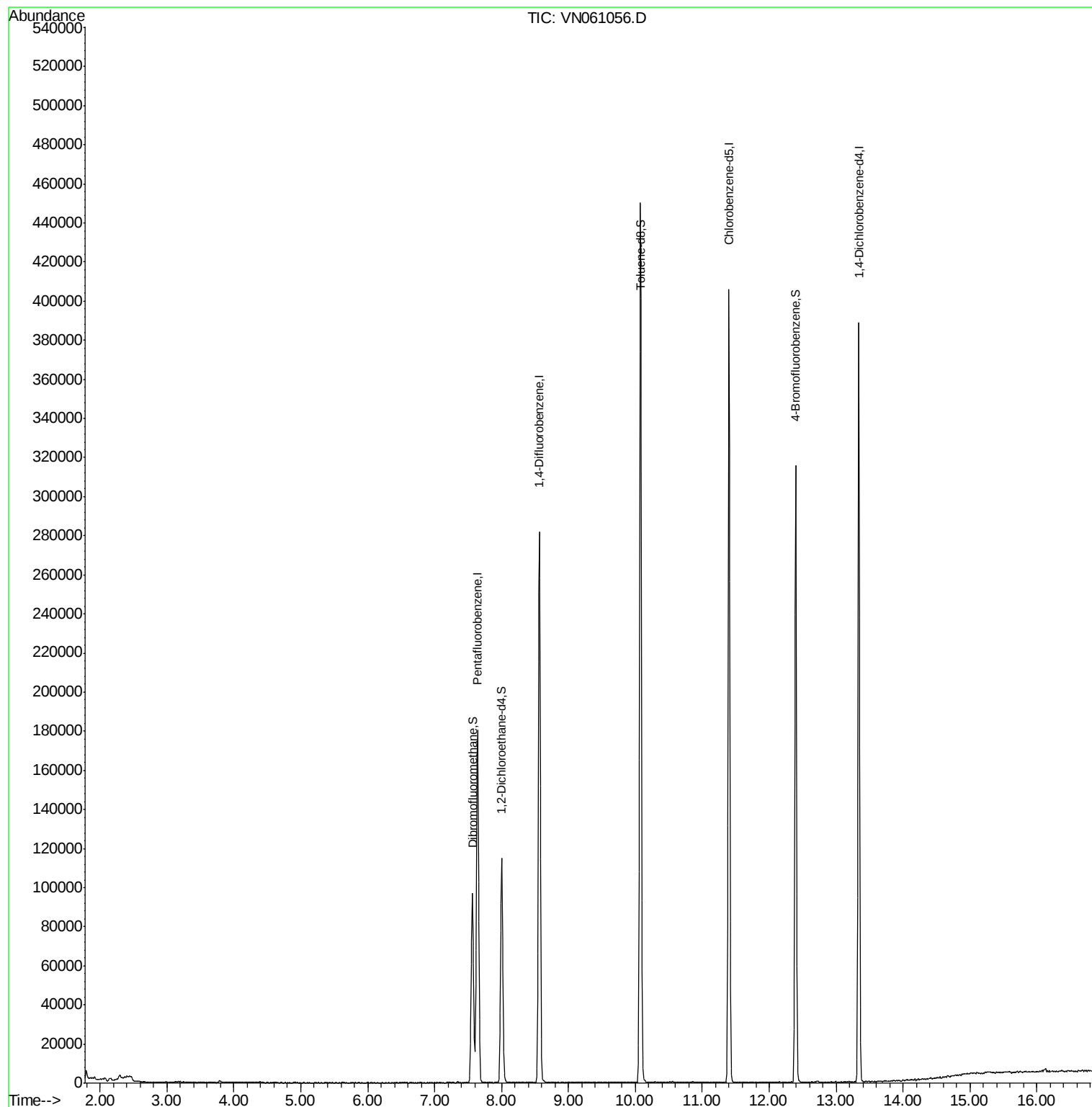
Target Compounds	Qvalue
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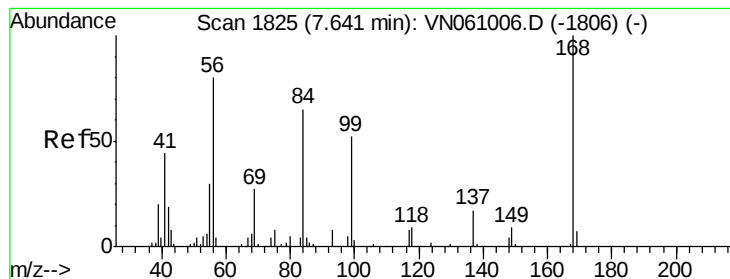
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

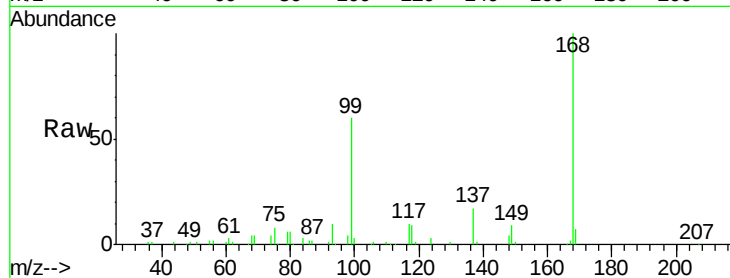
BP-VPB180-GW-418-420

Tot Ion:168 Resp: 145311

Ion Ratio Lower Upper

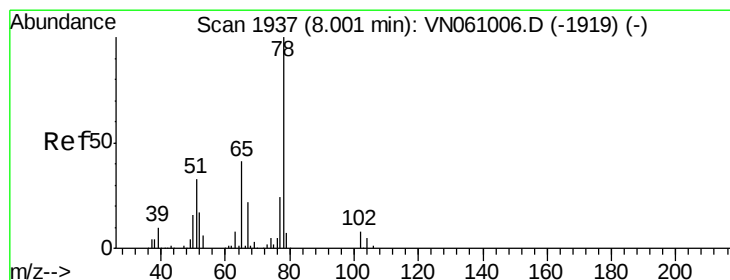
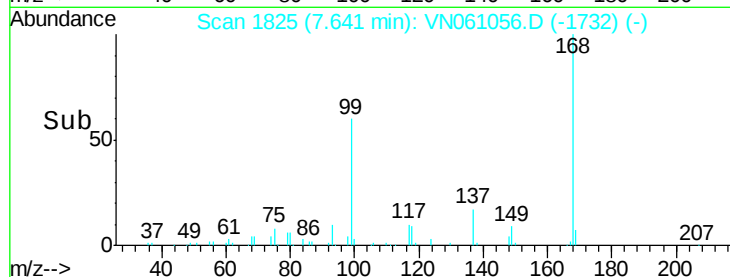
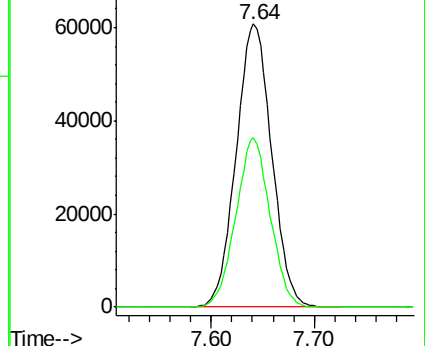
168 100

99 59.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.536 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061056.D

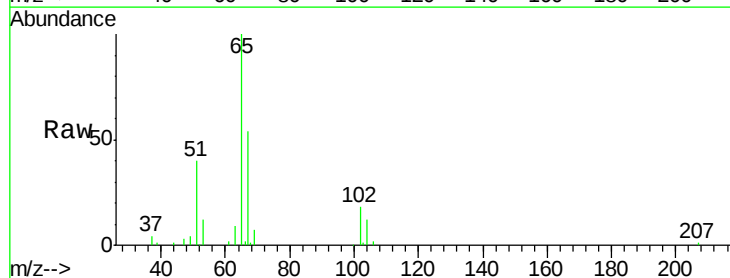
Acq: 17 Apr 2020 17:16

Tgt Ion: 65 Resp: 99532

Ion Ratio Lower Upper

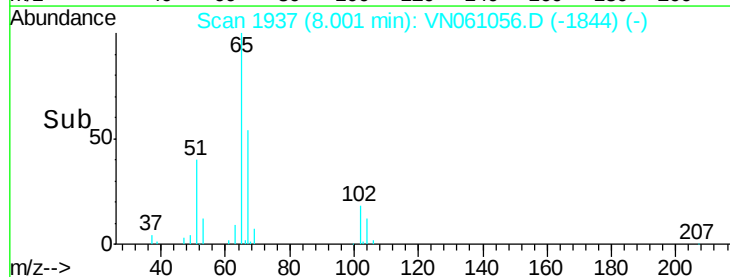
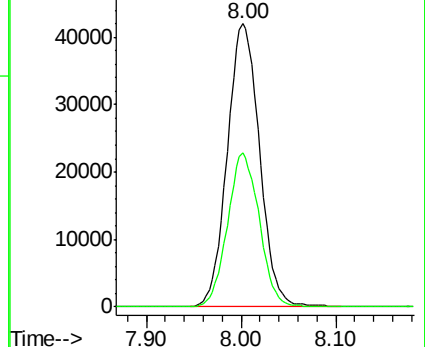
65 100

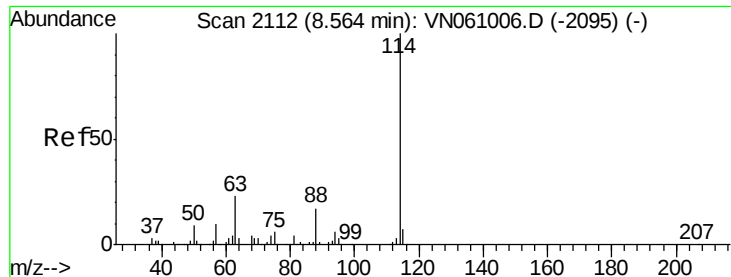
67 53.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-418-420

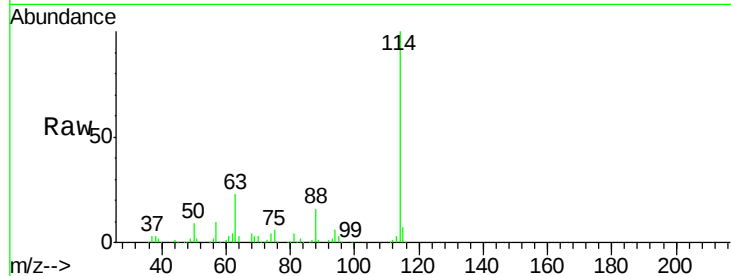
Tot Ion:114 Resp: 246891

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.2

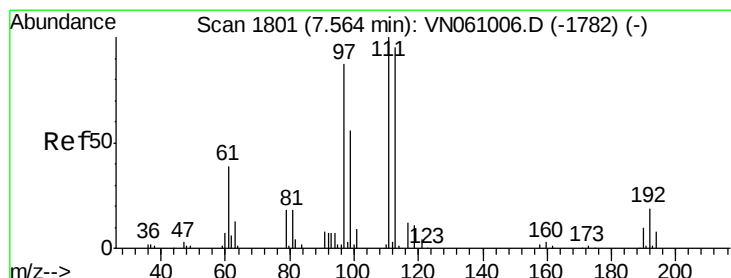
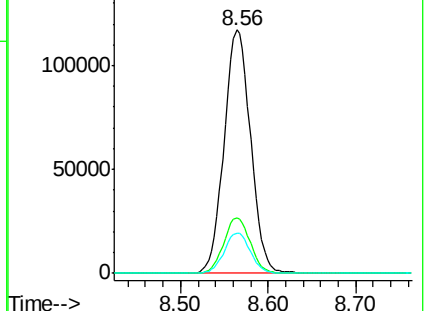
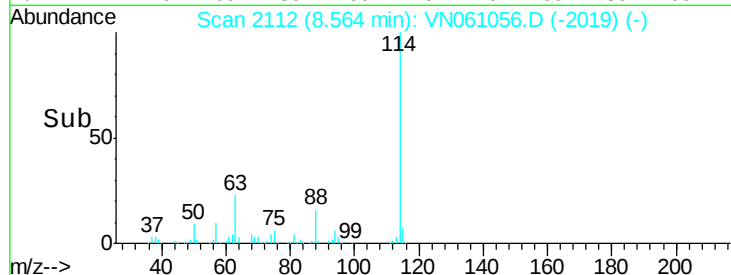
88 16.5 0.0 33.4



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: 52.097 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

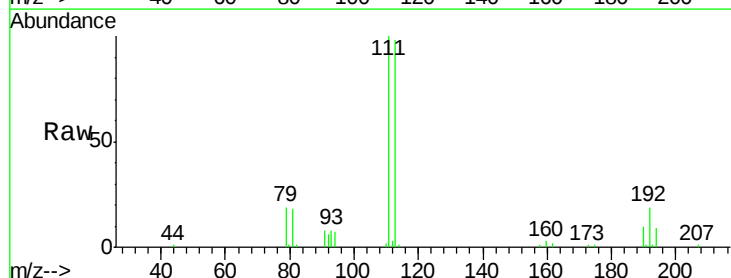
Tgt Ion:113 Resp: 75114

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

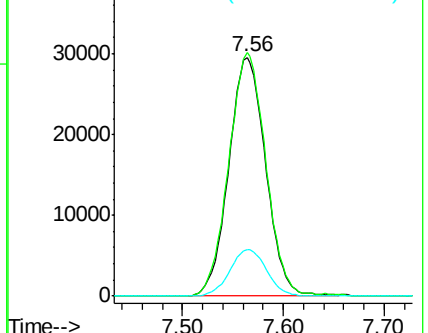
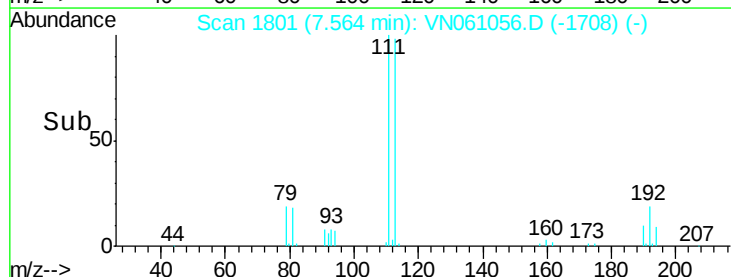
192 19.2 15.5 23.3

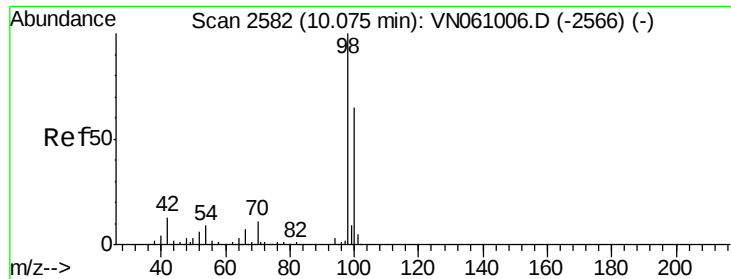


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.214 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

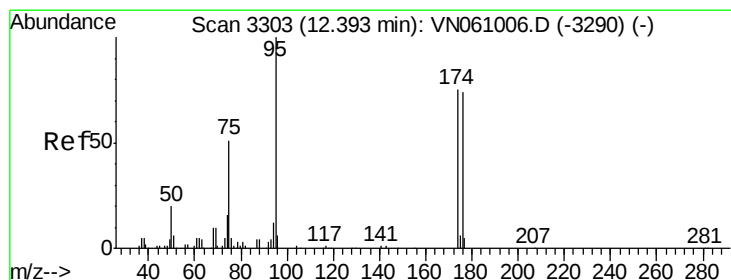
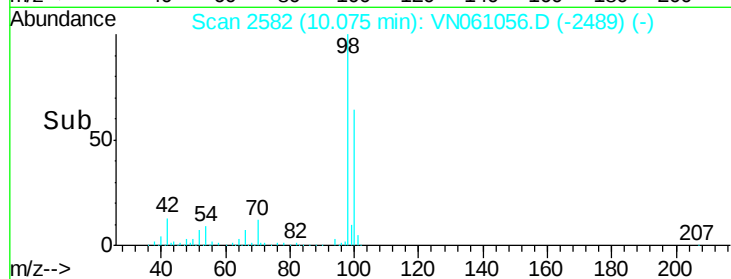
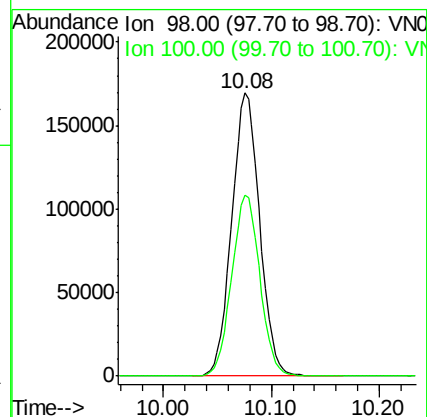
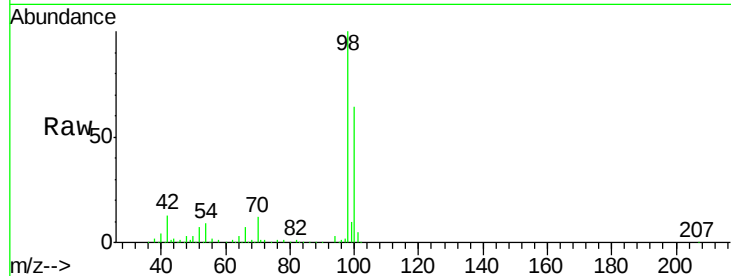
BP-VPB180-GW-418-420

Tot Ion: 98 Resp: 306272

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.072 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

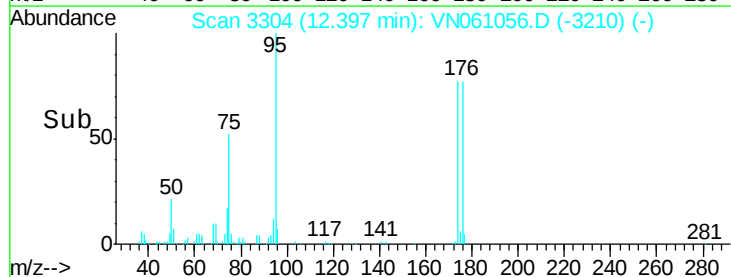
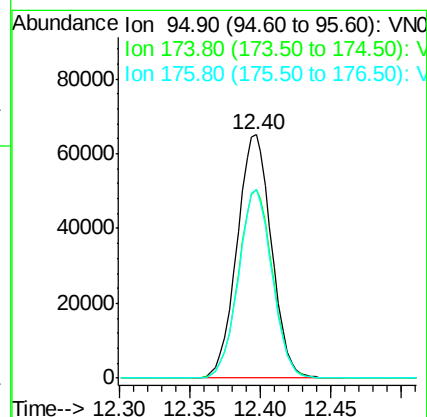
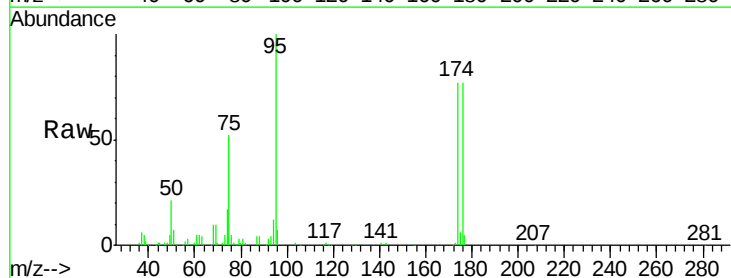
Tgt Ion: 95 Resp: 111192

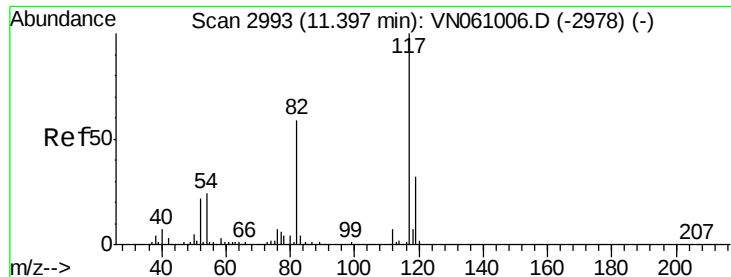
Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.2

176 75.4 0.0 148.2

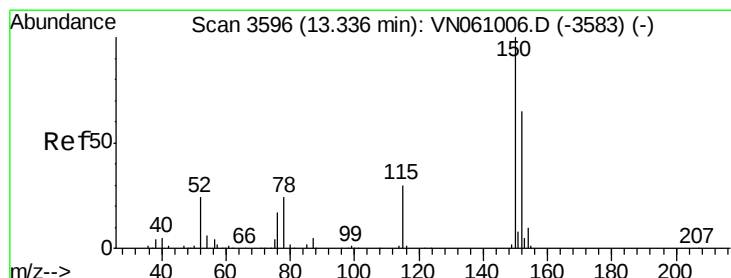
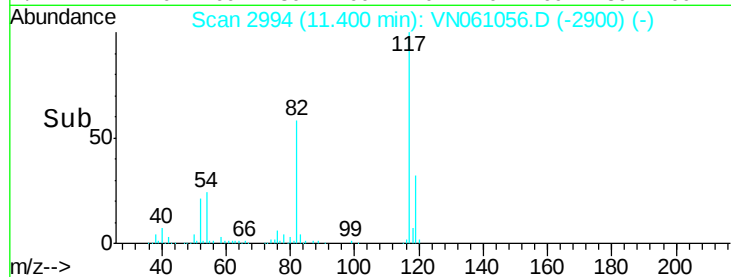
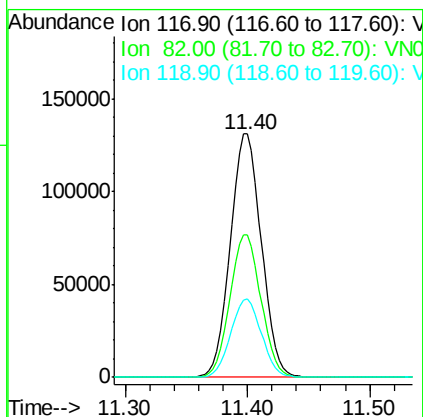
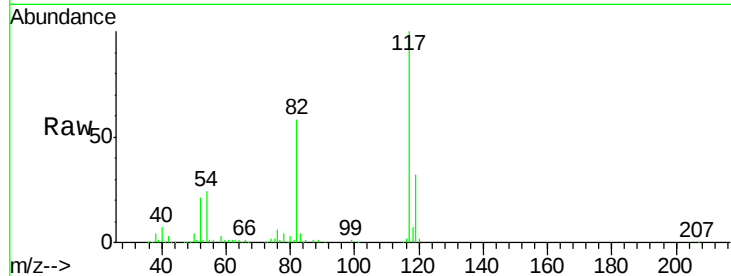




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061056.D
Acq: 17 Apr 2020 17:16

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-418-420

Tot Ion:117 Resp: 232347
Ion Ratio Lower Upper
117 100
82 58.4 47.1 70.7
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061056.D
Acq: 17 Apr 2020 17:16

Tgt Ion:152 Resp: 100828
Ion Ratio Lower Upper
152 100
115 60.2 30.8 92.4
150 158.8 0.0 349.0

