

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061075.D
 Acq On : 18 Apr 2020 1:13
 Operator : JC/MD
 Sample : L2338-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-DUP01-20200414

Quant Time: Apr 20 06:40:48 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	137950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	233667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	217358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	89930	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	94971	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
35) Dibromofluoromethane	7.56	113	70615	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.08	98	288803	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	
62) 4-Bromofluorobenzene	12.39	95	102793	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

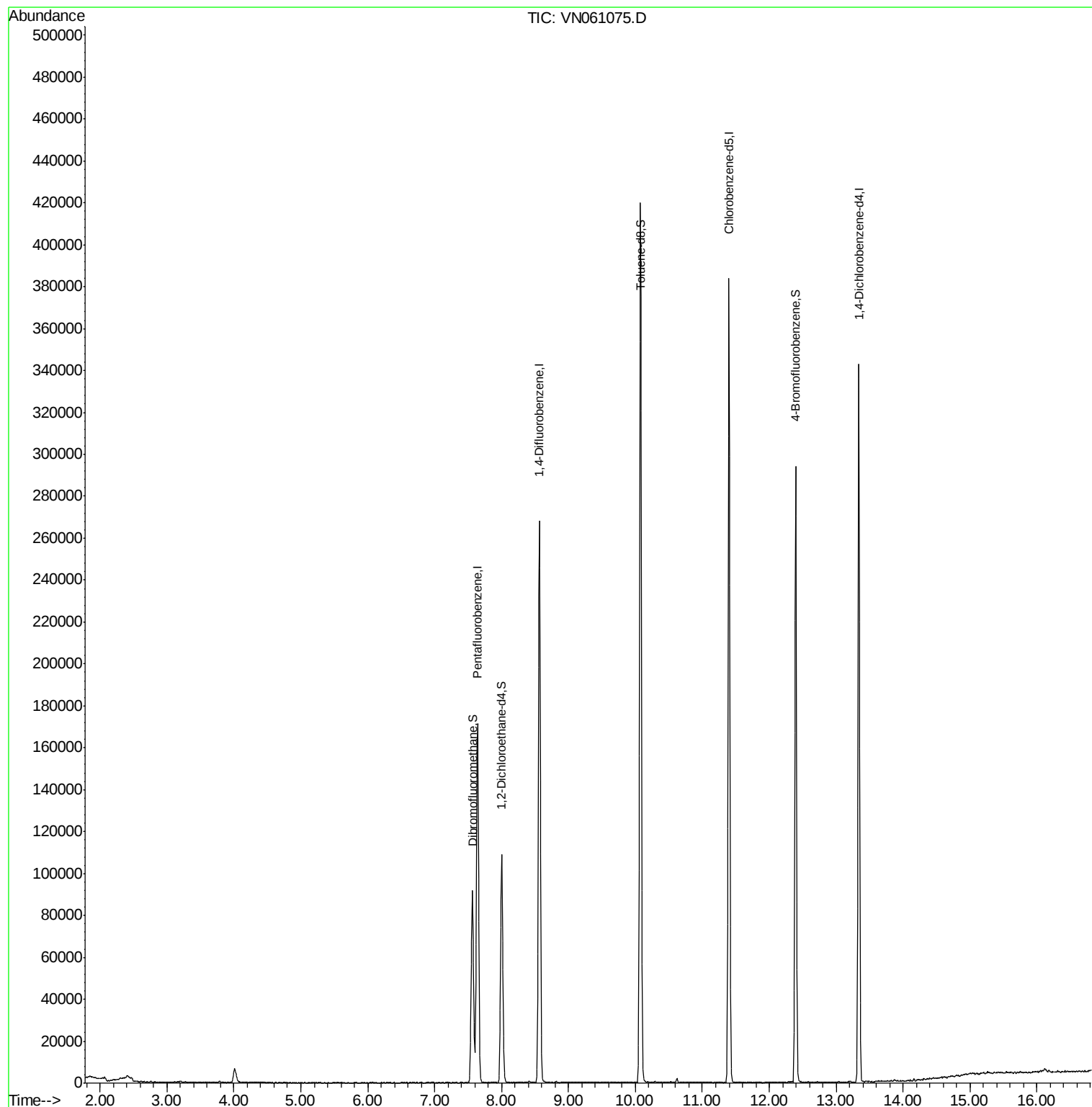
Target Compounds	Qvalue

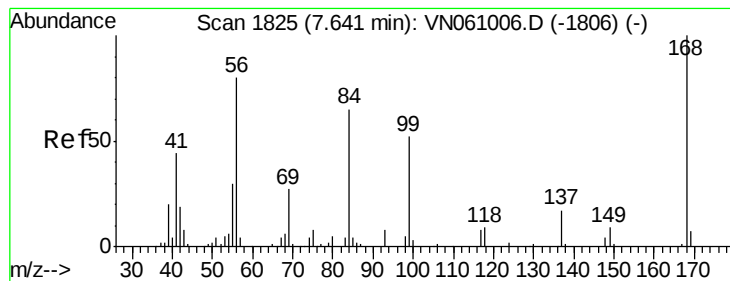
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061075.D

Acq: 18 Apr 2020 1:13

Instrument :

MSVOA_N

ClientSampleId :

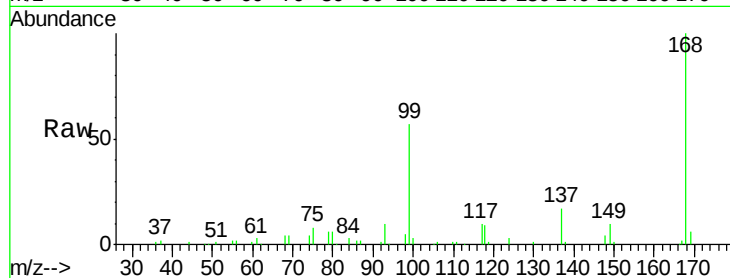
BP-DUP01-20200414

Tot Ion:168 Resp: 137950

Ion Ratio Lower Upper

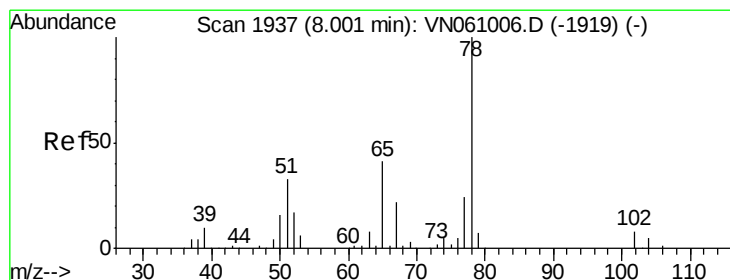
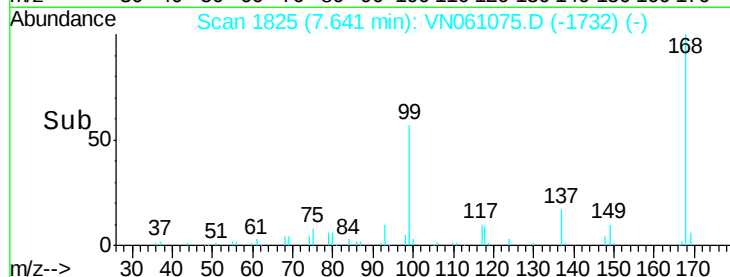
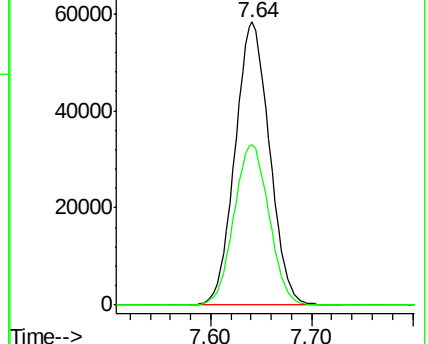
168 100

99 56.9 47.4 71.2



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: 53.809 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061075.D

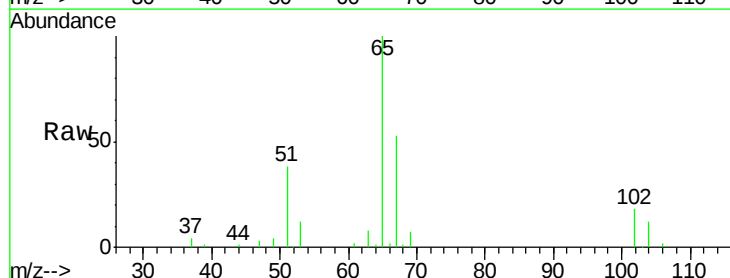
Acq: 18 Apr 2020 1:13

Tgt Ion: 65 Resp: 94971

Ion Ratio Lower Upper

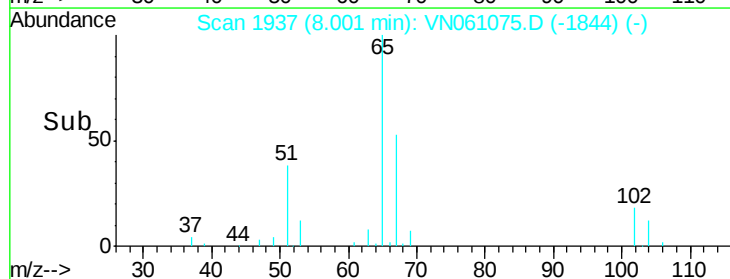
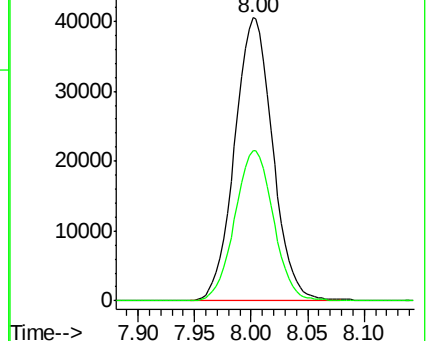
65 100

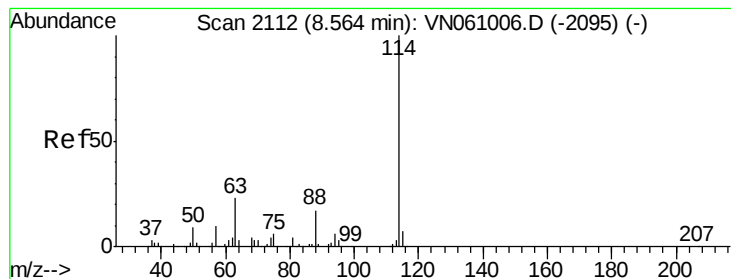
67 53.6 0.0 107.0



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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN061075.D

Acq: 18 Apr 2020 1:13

Instrument :

MSVOA_N

ClientSampleId :

BP-DUP01-20200414

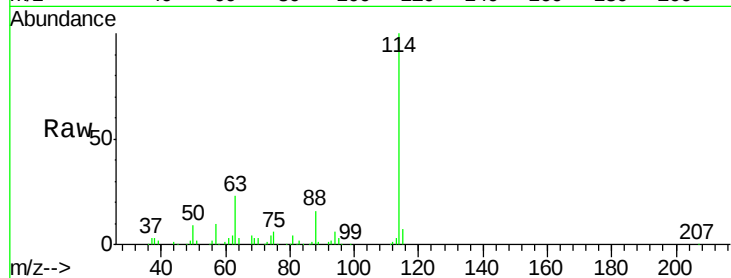
Tot Ion:114 Resp: 233667

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

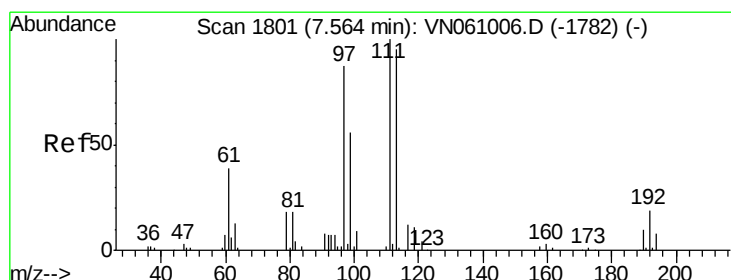
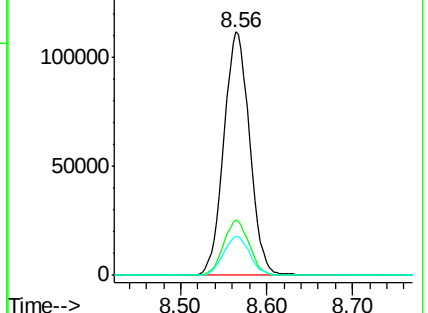
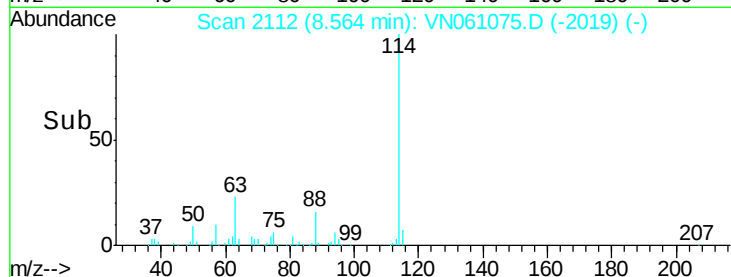
88 16.1 0.0 33.4



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: 51.748 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN061075.D

Acq: 18 Apr 2020 1:13

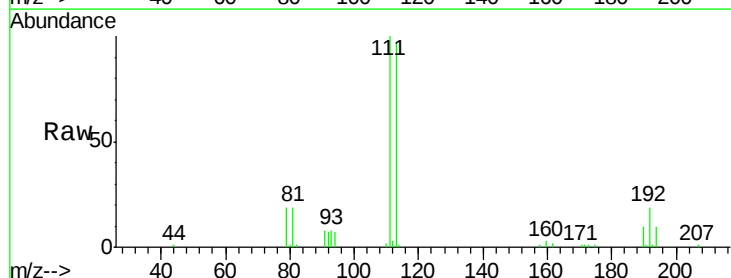
Tgt Ion:113 Resp: 70615

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

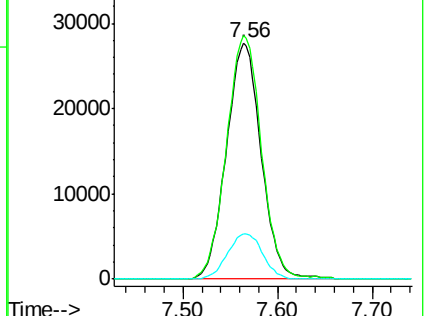
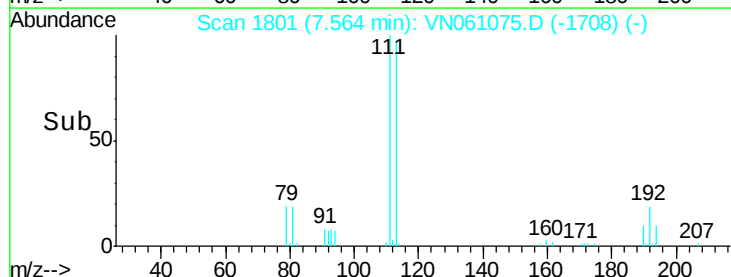
192 19.3 15.5 23.3

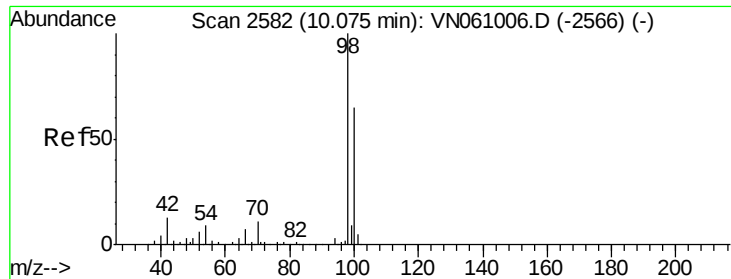


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.008 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN061075.D

Acq: 18 Apr 2020 1:13

Instrument :

MSVOA_N

ClientSampleId :

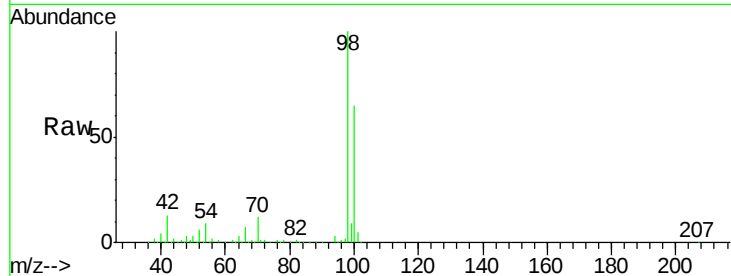
BP-DUP01-20200414

Tot Ion: 98 Resp: 288803

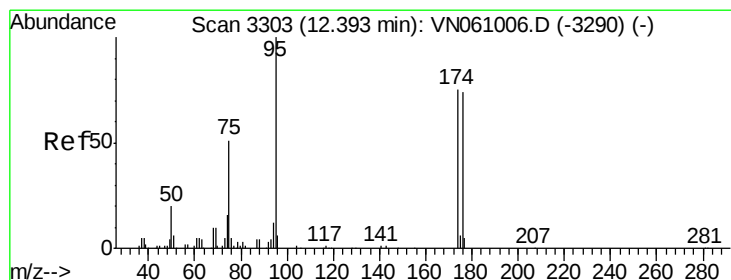
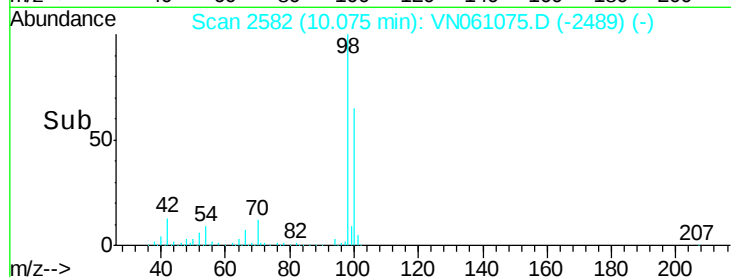
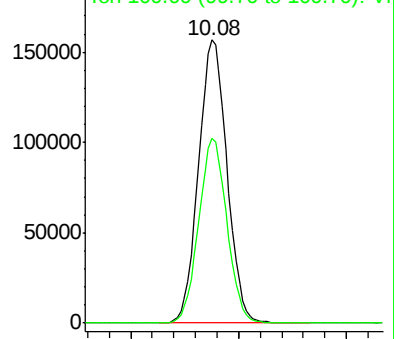
Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN061006.D (-2566) (-)



#62

4-Bromofluorobenzene

Concen: 50.863 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN061075.D

Acq: 18 Apr 2020 1:13

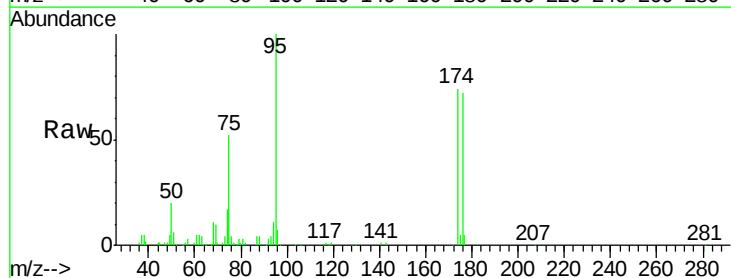
Tgt Ion: 95 Resp: 102793

Ion Ratio Lower Upper

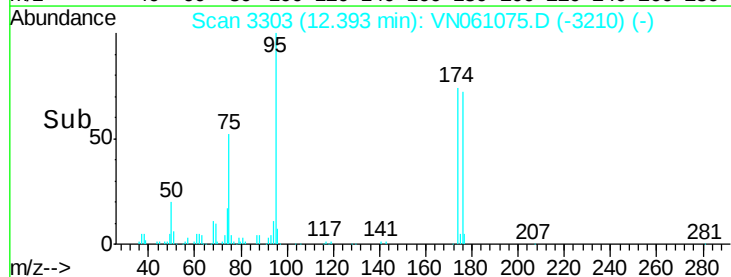
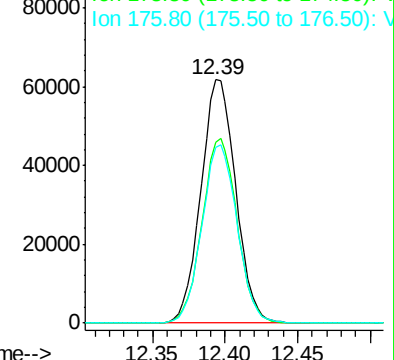
95 100

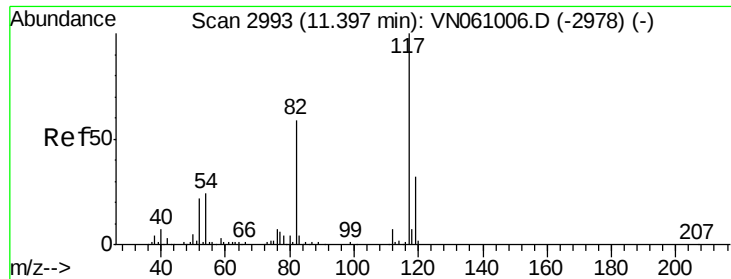
174 76.1 0.0 151.2

176 74.0 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

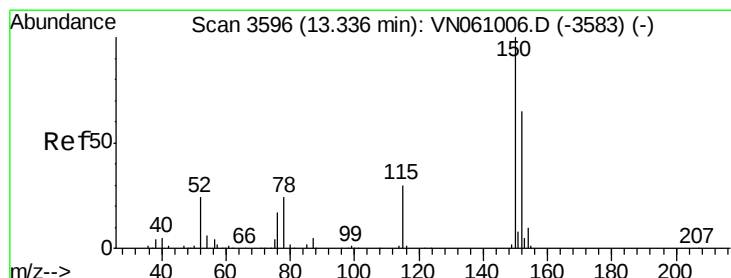
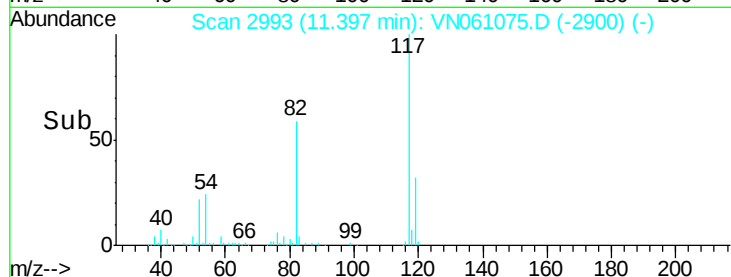
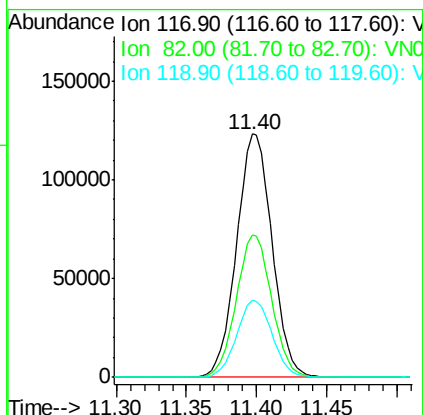
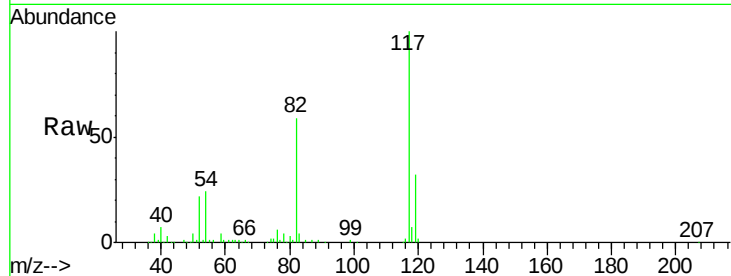




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP01-20200414

Tot Ion:117 Resp: 217358
Ion Ratio Lower Upper
117 100
82 58.6 47.1 70.7
119 31.5 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: VN061075.D
Acq: 18 Apr 2020 1:13

Tgt Ion:152 Resp: 89930
Ion Ratio Lower Upper
152 100
115 60.3 30.8 92.4
150 156.7 0.0 349.0

