

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061105.D
 Acq On : 20 Apr 2020 16:37
 Operator : JC/MD
 Sample : L2330-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2020-04-16

Quant Time: Apr 21 05:59:44 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	140151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	240625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	224680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	95454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97183	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	7.56	113	71705	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.08	98	297357	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
62) 4-Bromofluorobenzene	12.40	95	107242	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

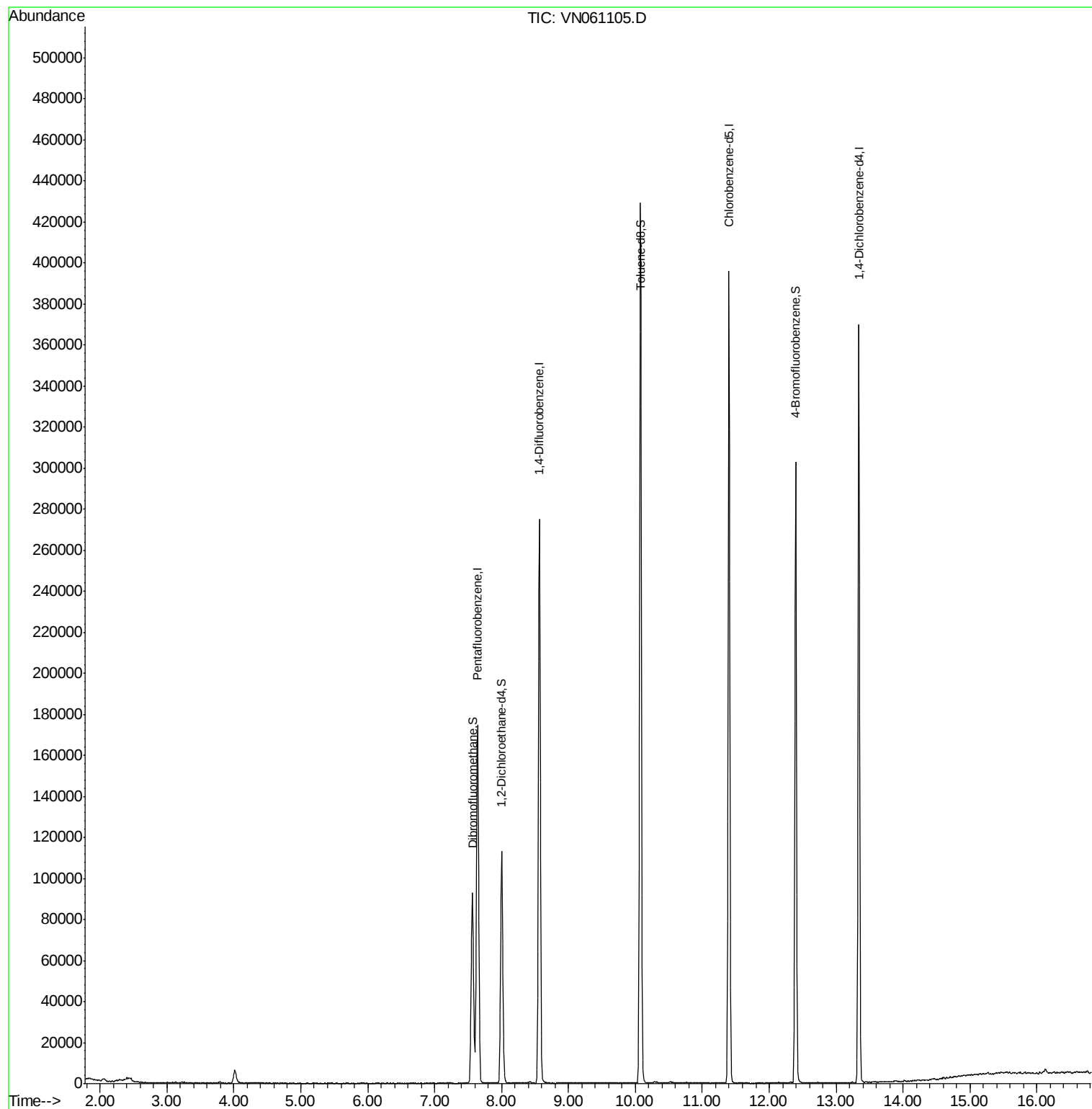
Target Compounds	Qvalue

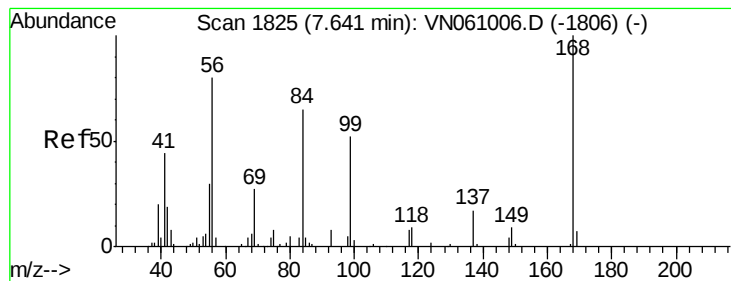
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042020\
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QLast Update : Fri Apr 17 03:49:39 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: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

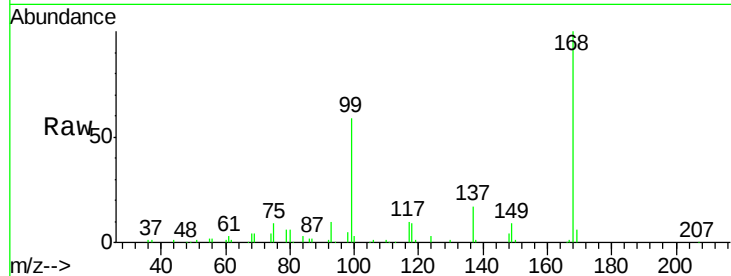
TB-2020-04-16

Tot Ion:168 Resp: 140151

Ion Ratio Lower Upper

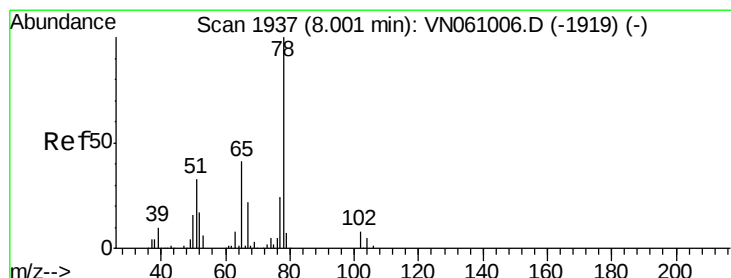
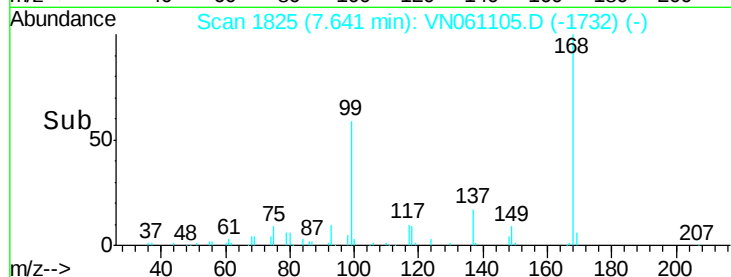
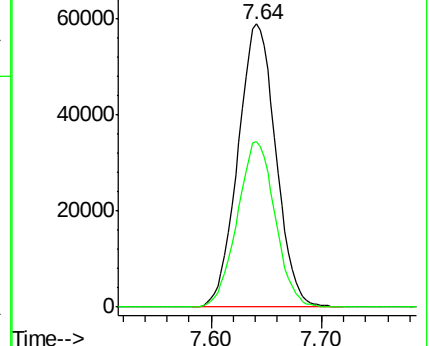
168 100

99 58.5 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: 54.197 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061105.D

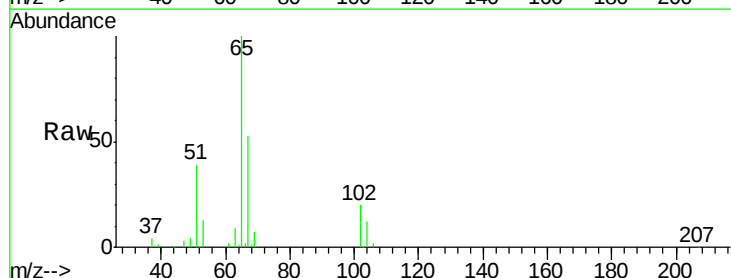
Acq: 20 Apr 2020 16:37

Tgt Ion: 65 Resp: 97183

Ion Ratio Lower Upper

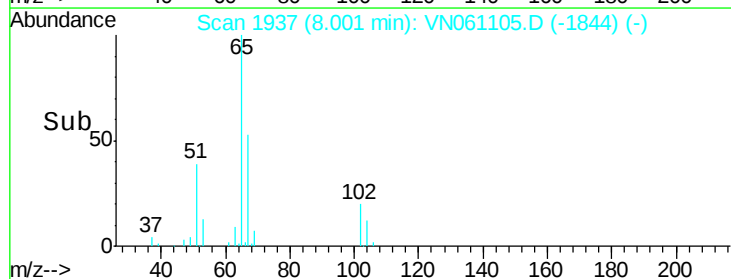
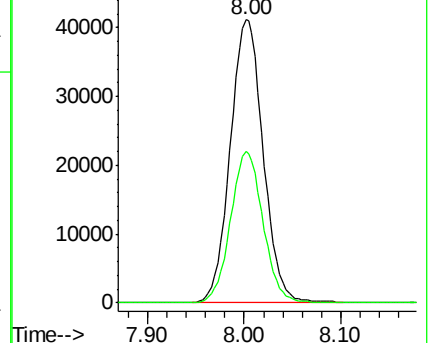
65 100

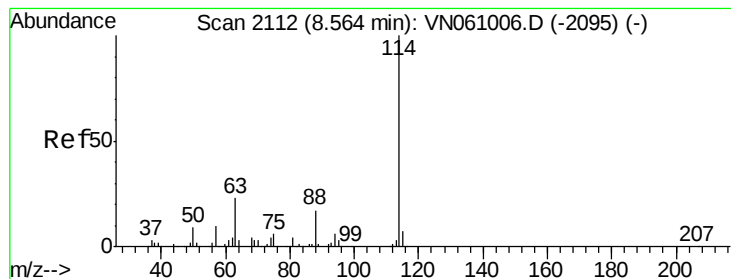
67 52.5 0.0 107.0



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: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

TB-2020-04-16

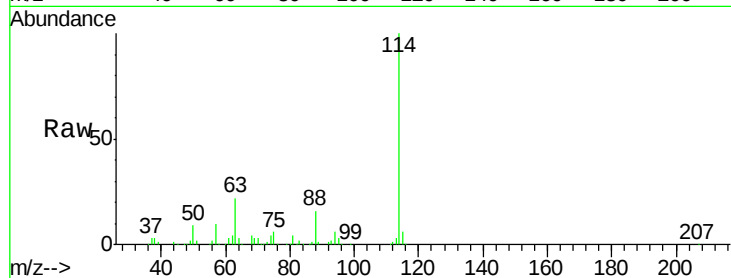
Tot Ion:114 Resp: 240625

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

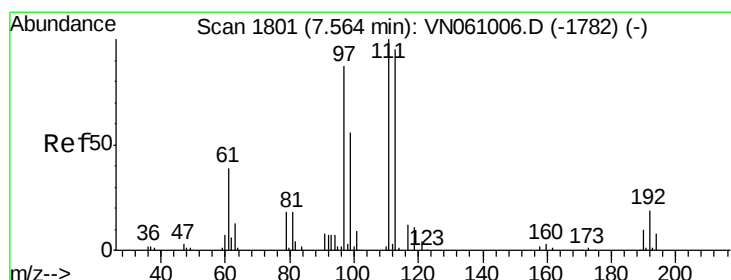
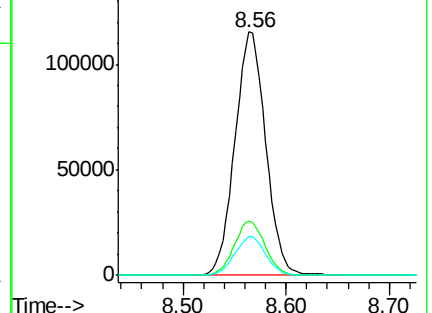
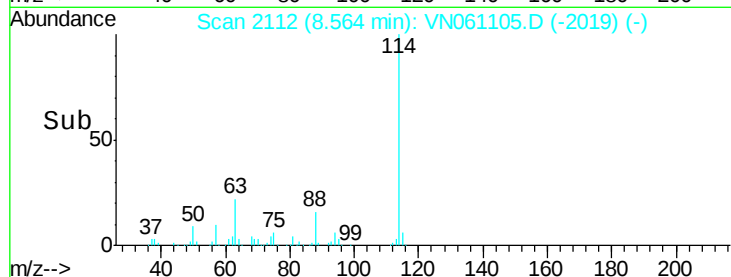
88 16.1 0.0 33.4



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: 51.028 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

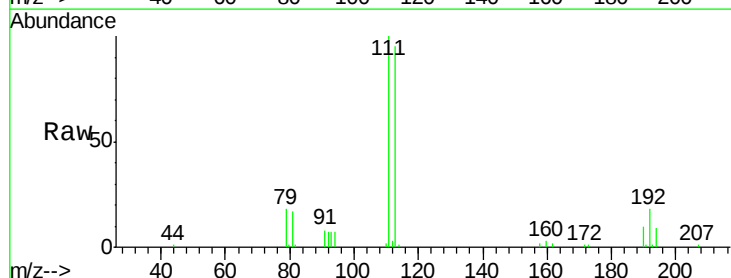
Tgt Ion:113 Resp: 71705

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

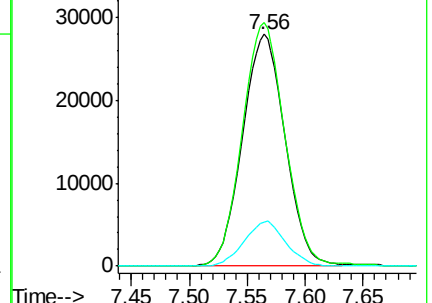
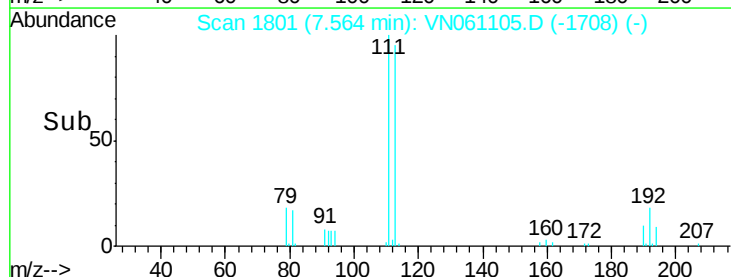
192 18.7 15.5 23.3

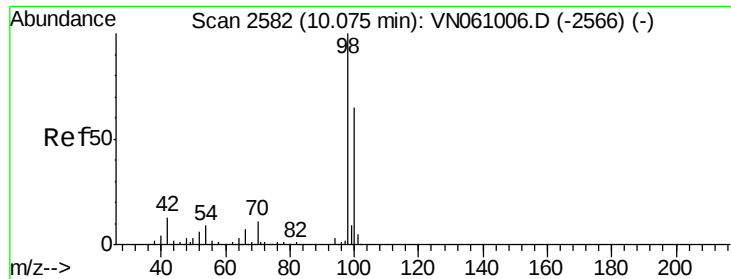


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.999 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

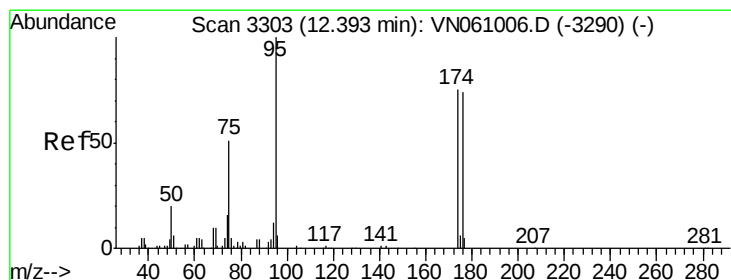
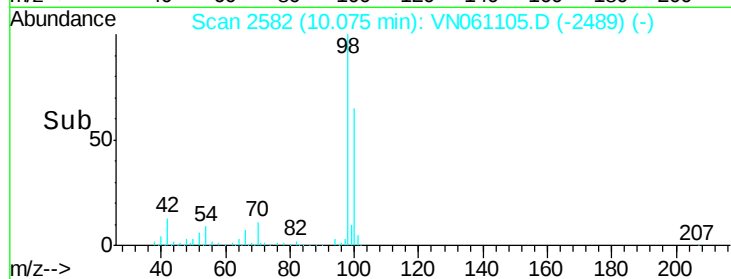
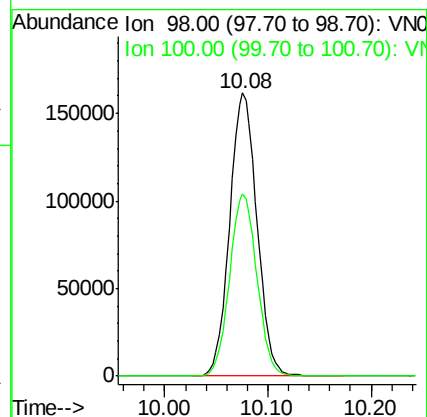
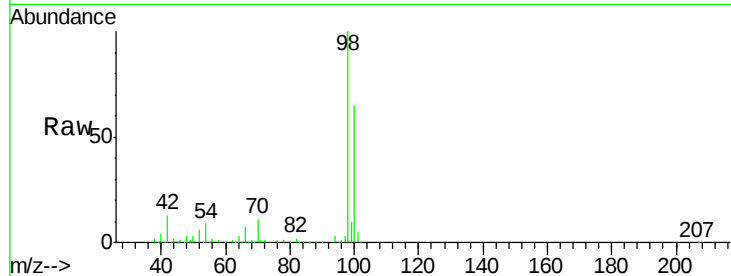
TB-2020-04-16

Tot Ion: 98 Resp: 297357

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.530 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

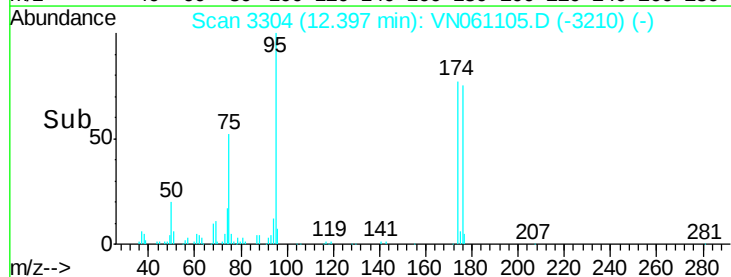
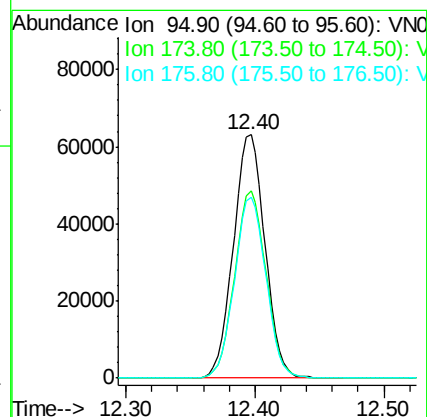
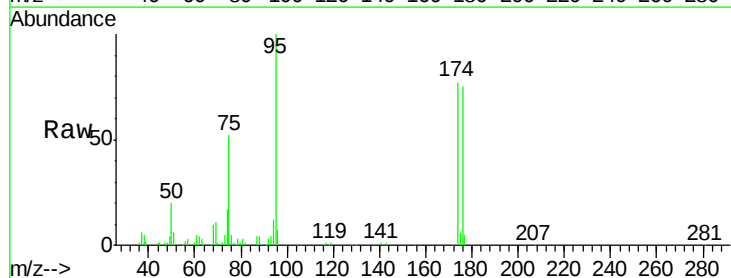
Tgt Ion: 95 Resp: 107242

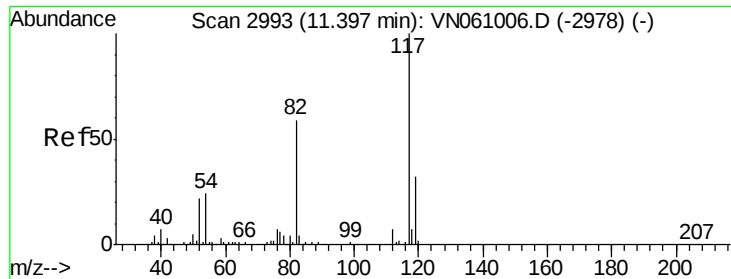
Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.2

176 74.1 0.0 148.2

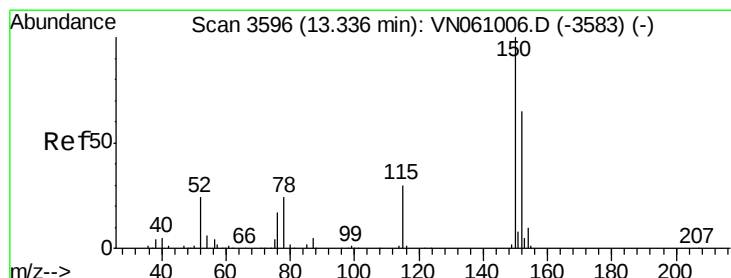
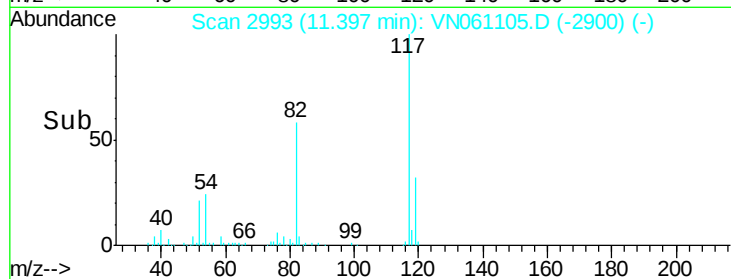
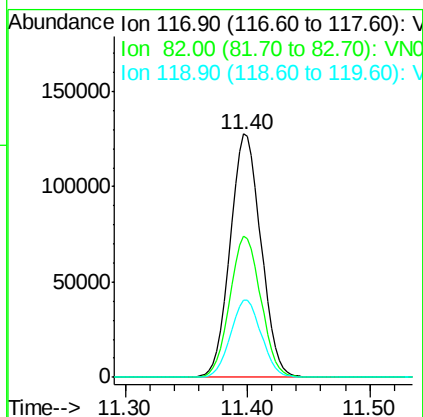
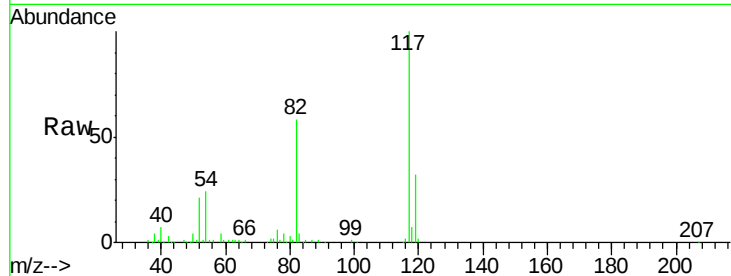




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061105.D
Acq: 20 Apr 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
TB-2020-04-16

Tot Ion:117 Resp: 224680
Ion Ratio Lower Upper
117 100
82 58.1 47.1 70.7
119 31.6 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: VN061105.D
Acq: 20 Apr 2020 16:37

Tgt Ion:152 Resp: 95454
Ion Ratio Lower Upper
152 100
115 60.8 30.8 92.4
150 157.3 0.0 349.0

