

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061109.D
 Acq On : 20 Apr 2020 18:08
 Operator : JC/MD
 Sample : L2330-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PA-TWP-1

Quant Time: Apr 21 06:09:38 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	145394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	252078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	237687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101137	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.56	113	76697	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.08	98	314406	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.40	95	113926	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

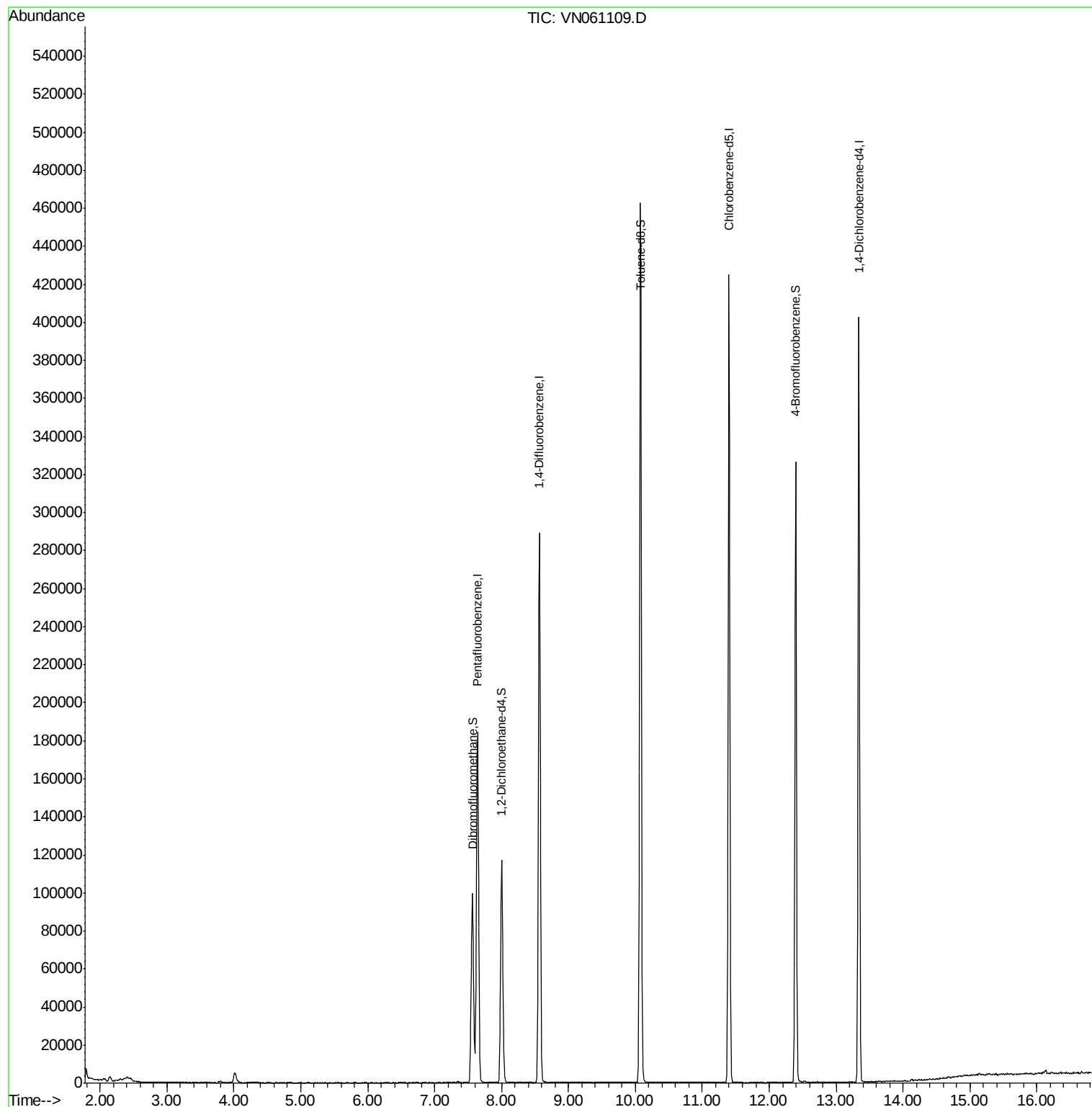
Target Compounds	Qvalue

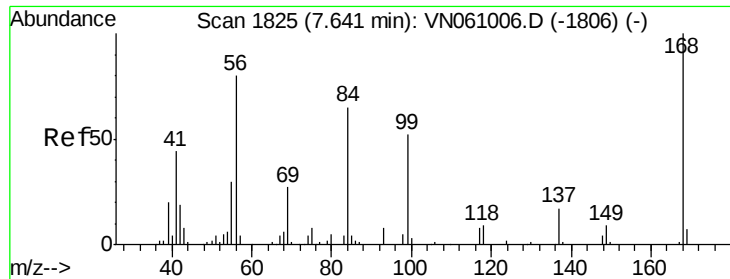
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

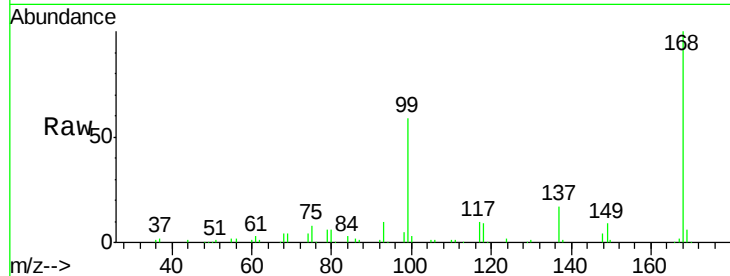
PA-TWP-1

Tot Ion:168 Resp: 145394

Ion Ratio Lower Upper

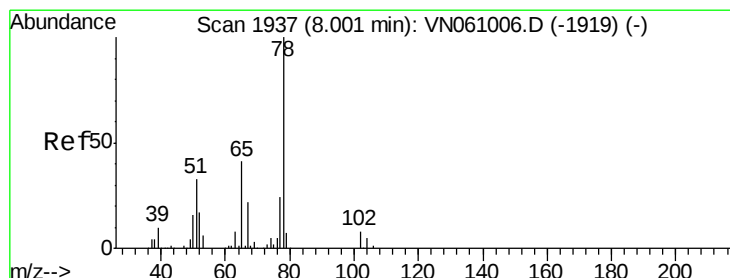
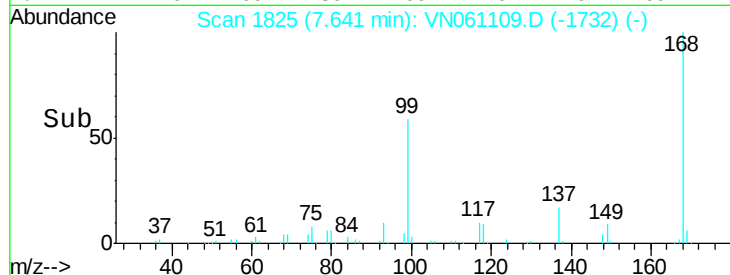
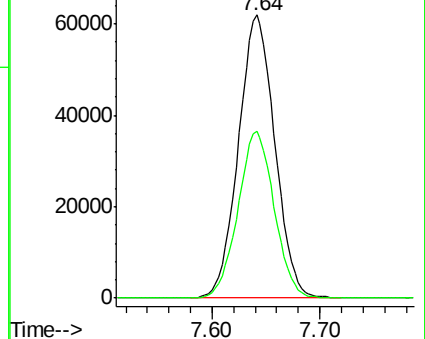
168 100

99 58.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061109.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN061109.D (-1732) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.368 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061109.D

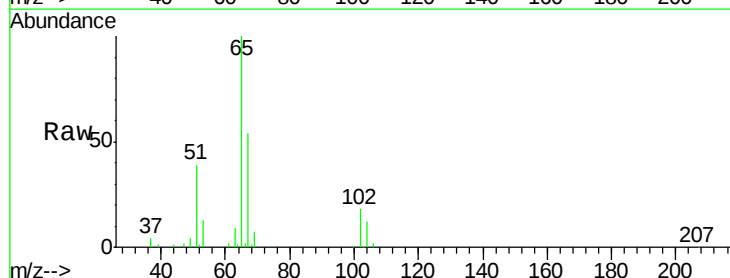
Acq: 20 Apr 2020 18:08

Tgt Ion: 65 Resp: 101137

Ion Ratio Lower Upper

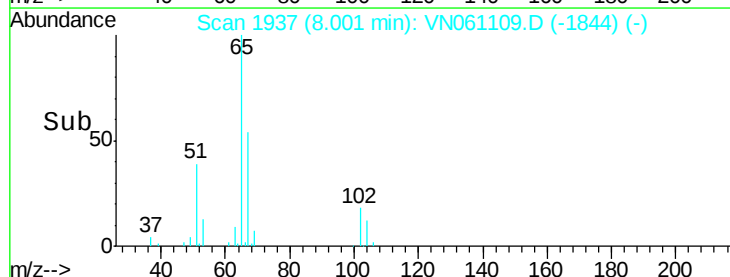
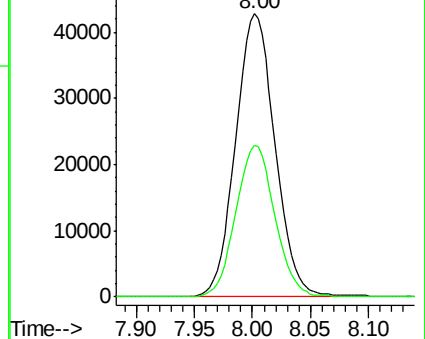
65 100

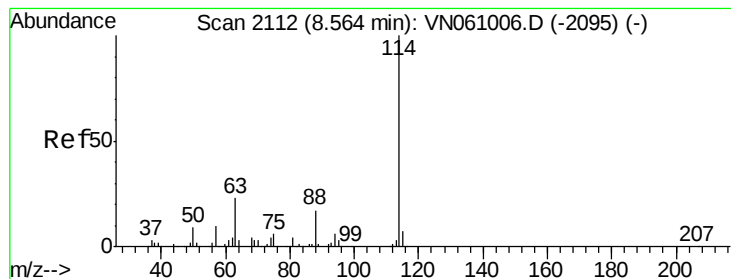
67 53.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061109.D (-1844) (-)

Ion 66.90 (66.60 to 67.60): VN061109.D (-1844) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

PA-TWP-1

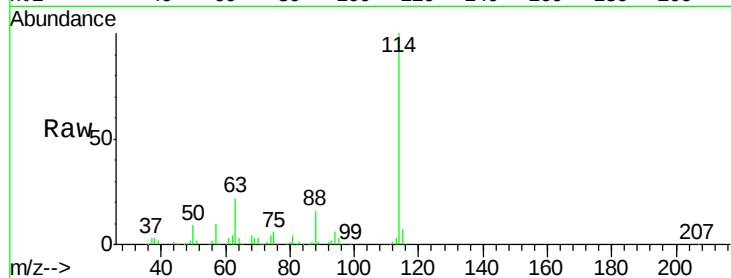
Tot Ion:114 Resp: 252078

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

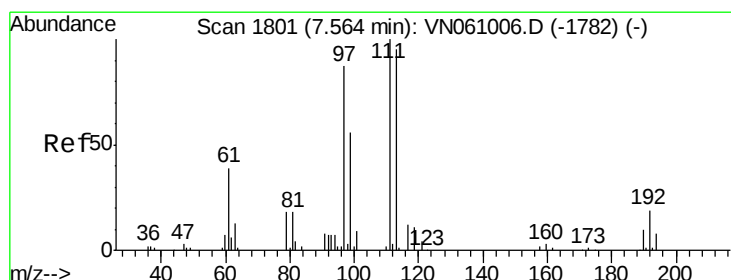
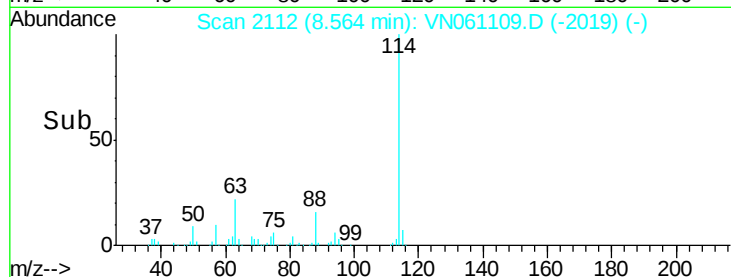
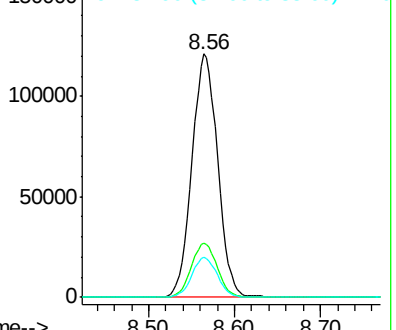
88 16.2 0.0 33.4



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: 52.100 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

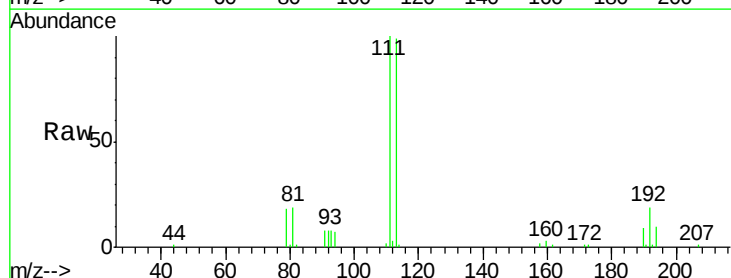
Tgt Ion:113 Resp: 76697

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

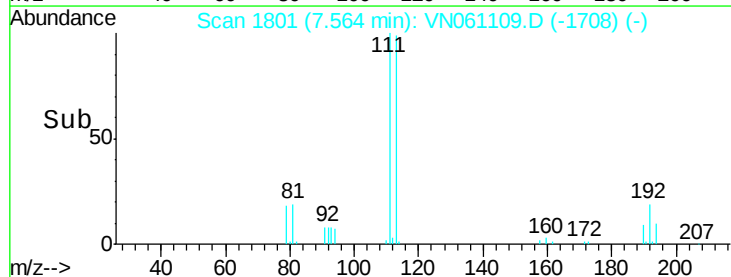
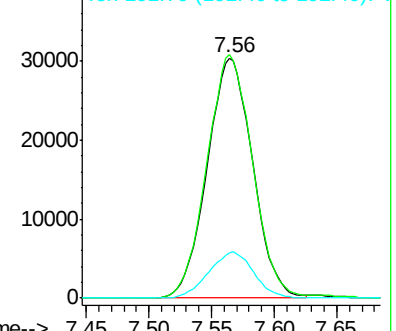
192 19.0 15.5 23.3

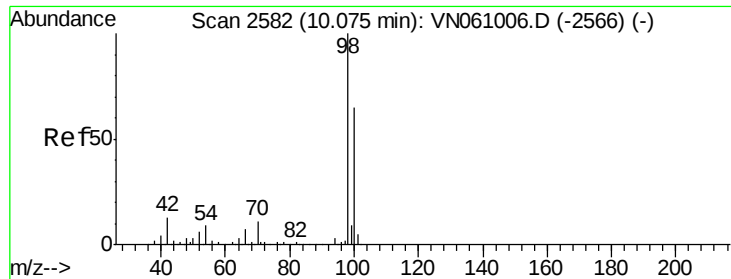


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.520 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

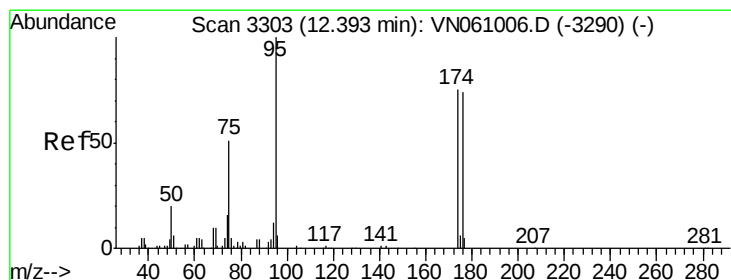
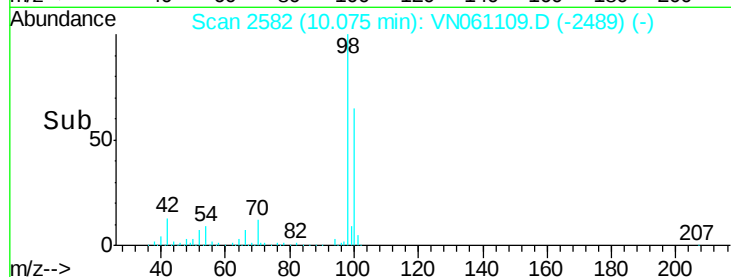
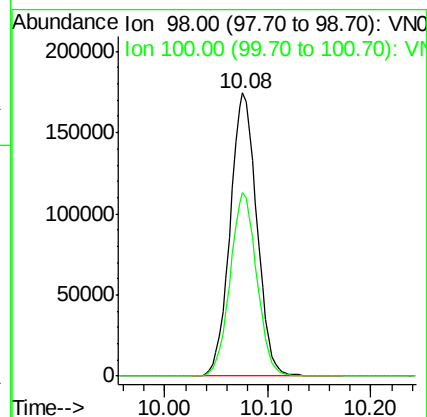
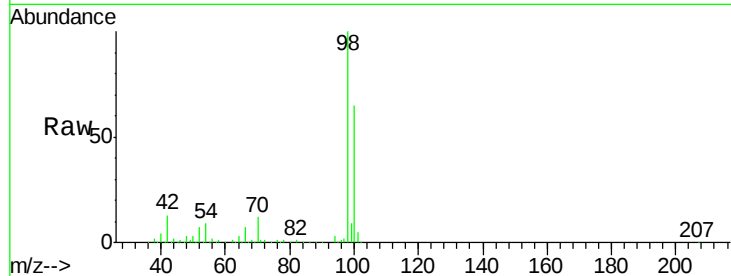
PA-TWP-1

Tot Ion: 98 Resp: 314406

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.254 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

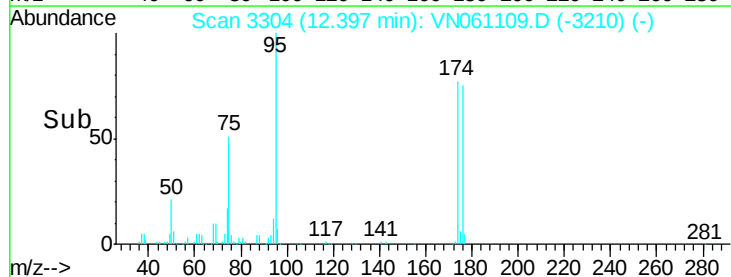
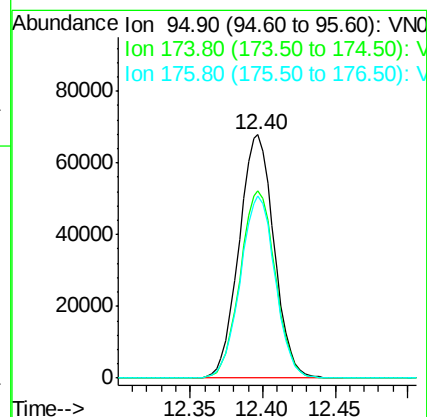
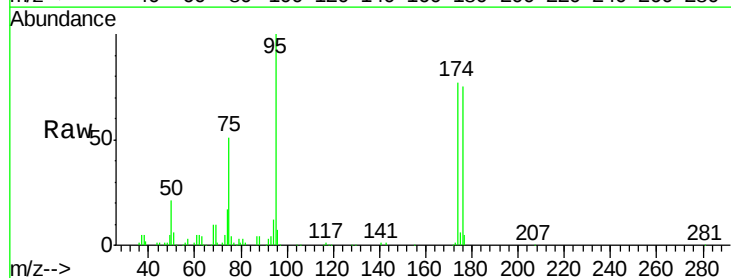
Tgt Ion: 95 Resp: 113926

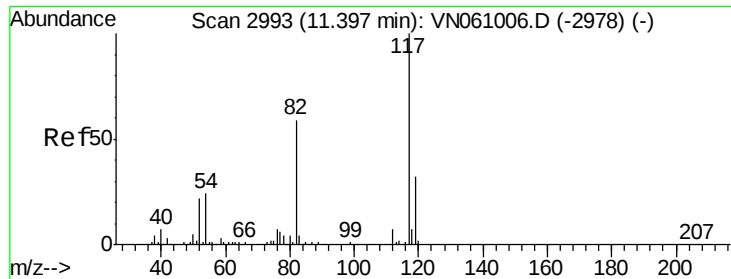
Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.2

176 74.4 0.0 148.2

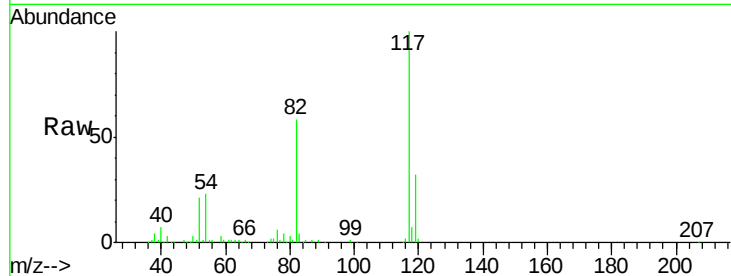




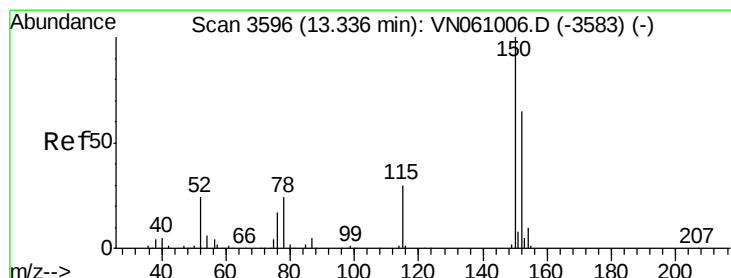
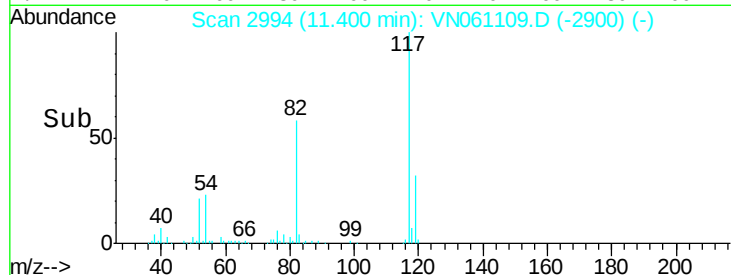
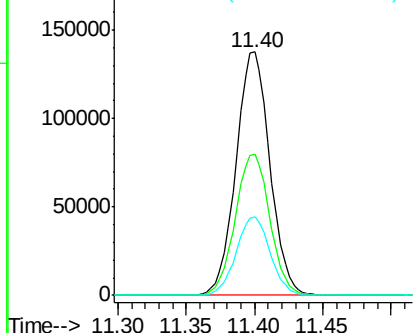
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :
PA-TWP-1

Tot Ion:117 Resp: 237687
Ion Ratio Lower Upper
117 100
82 57.9 47.1 70.7
119 32.3 25.7 38.5

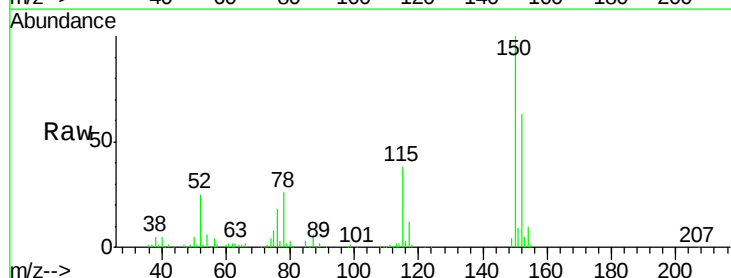


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Tgt Ion:152 Resp: 103565
Ion Ratio Lower Upper
152 100
115 60.3 30.8 92.4
150 159.5 0.0 349.0



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

