

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051270.D
 Acq On : 17 Sep 2018 12:49
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Sep 19 10:08:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	819291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	310496	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.59	113	318667	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.09	98	1127462	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.40	95	289022	37.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.82%	

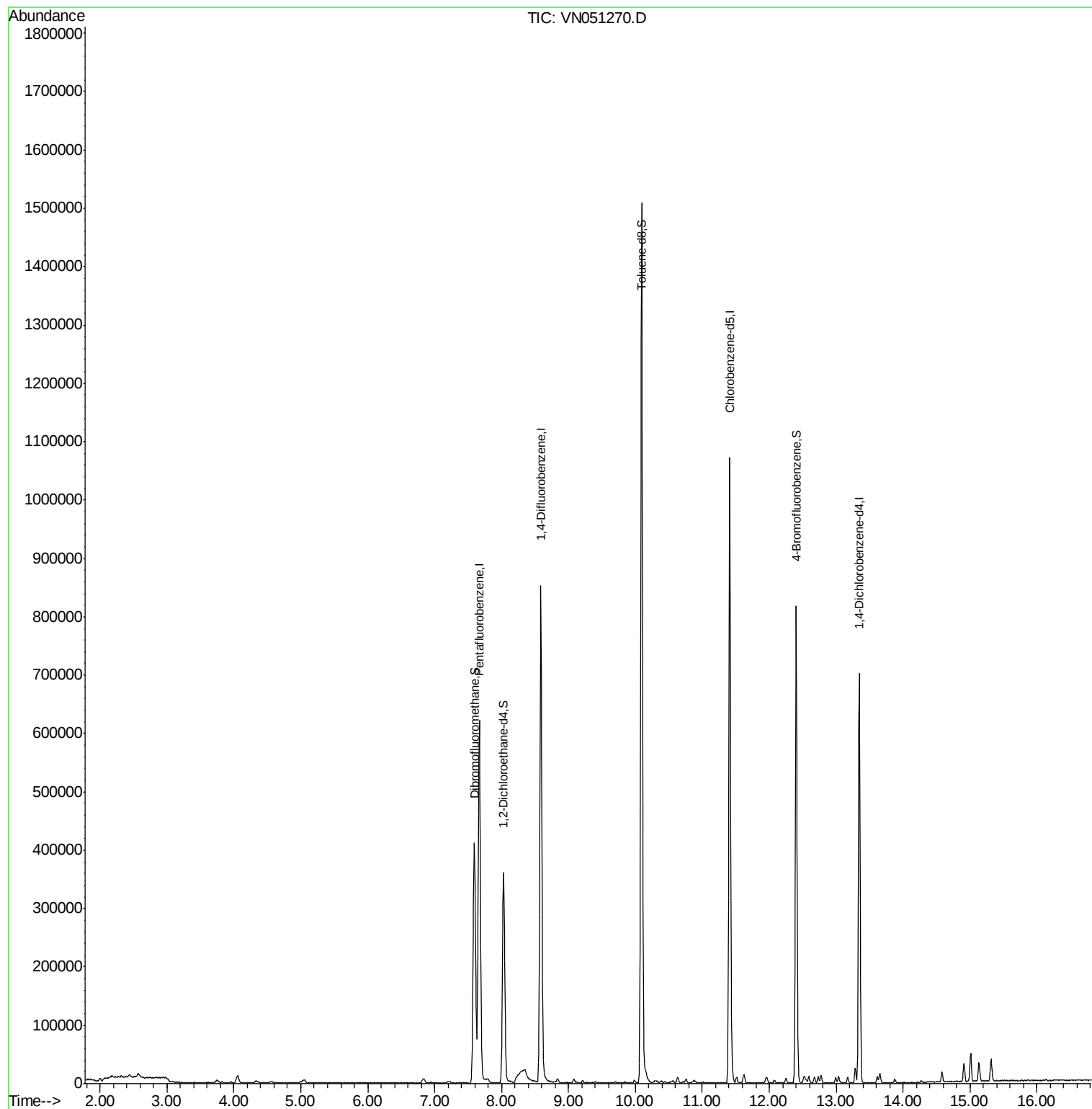
Target Compounds	Qvalue

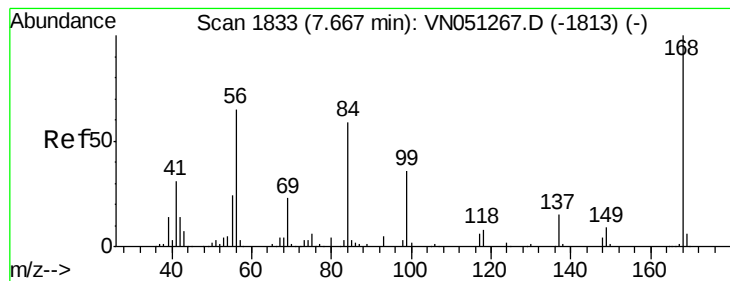
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051270.D

Acq: 17 Sep 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

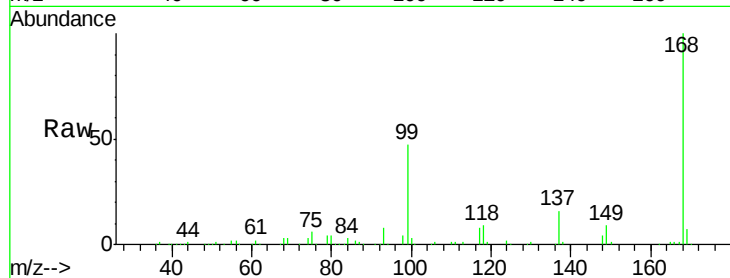
I.BLK

Tot Ion:168 Resp: 553931

Ion Ratio Lower Upper

168 100

99 47.5 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

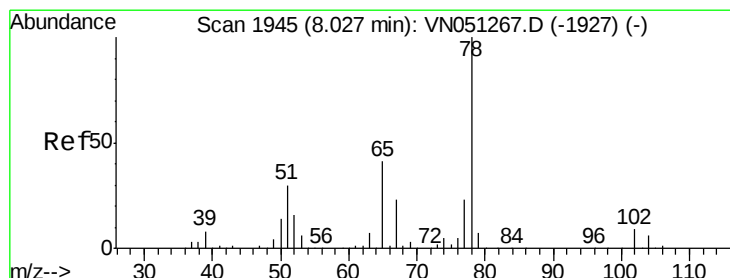
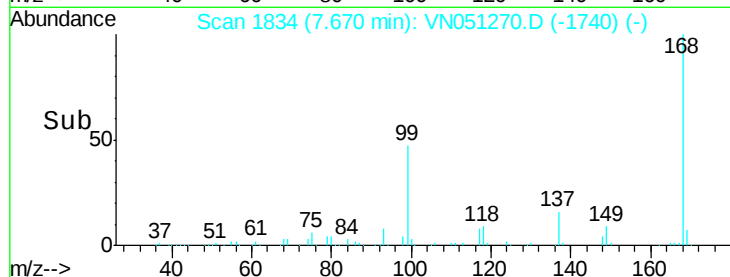
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.62 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051270.D

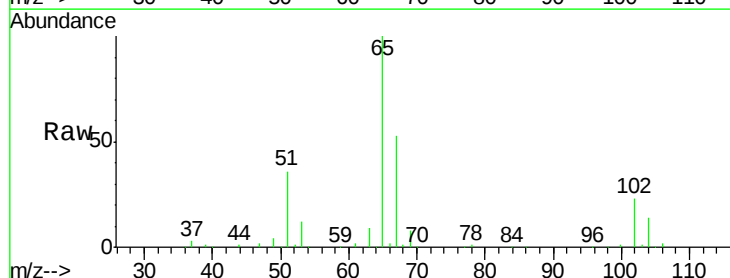
Acq: 17 Sep 2018 12:49

Tgt Ion: 65 Resp: 310496

Ion Ratio Lower Upper

65 100

67 54.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

150000

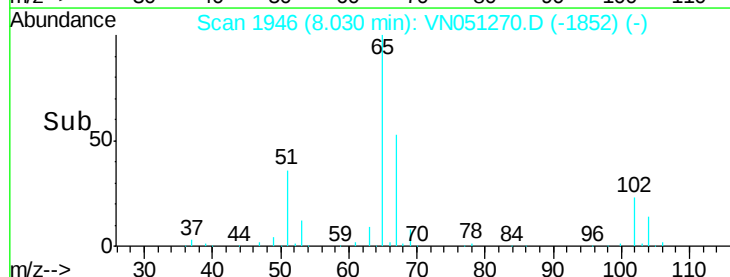
100000

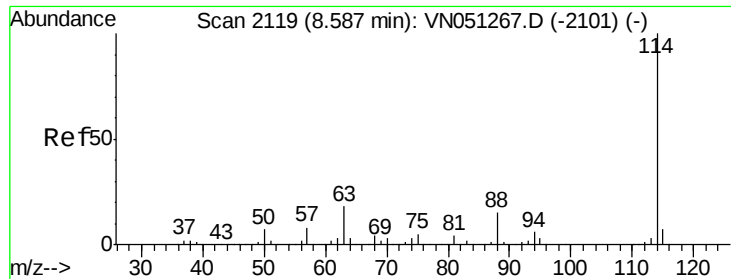
50000

0

7.90 8.00 8.10

Time-->

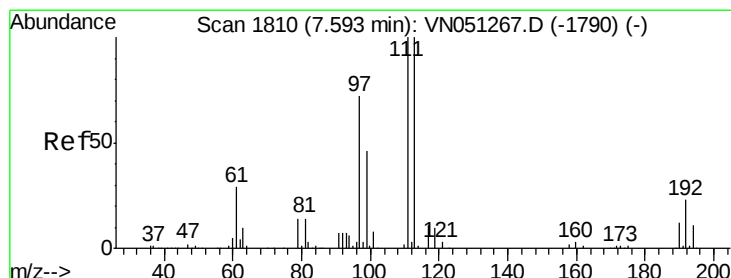
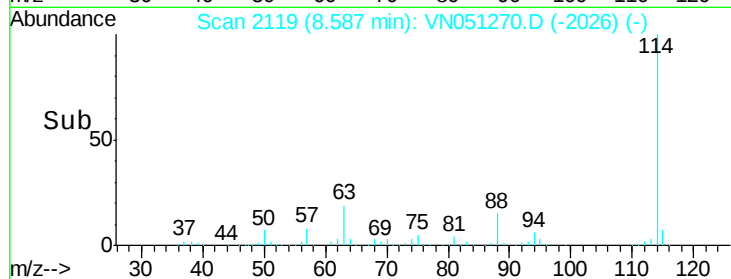
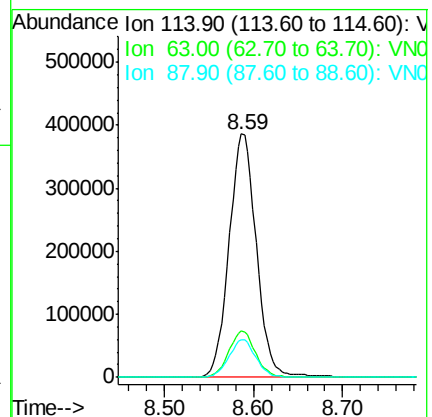
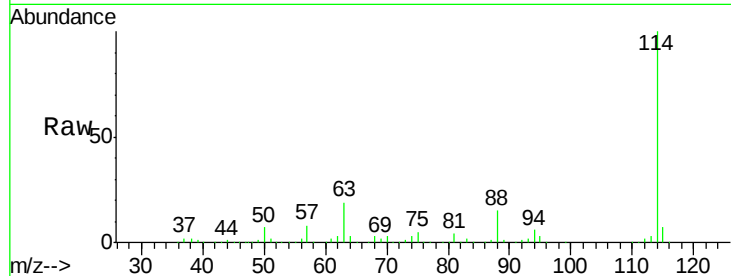




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051270.D
 Acq: 17 Sep 2018 12:49

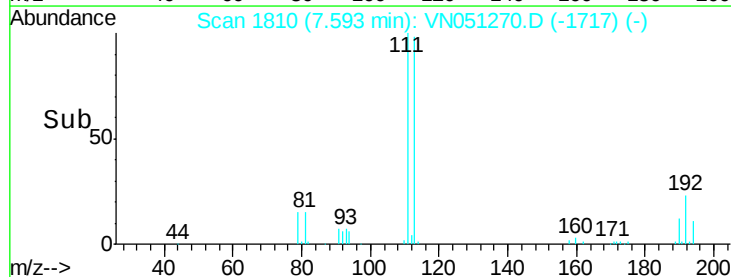
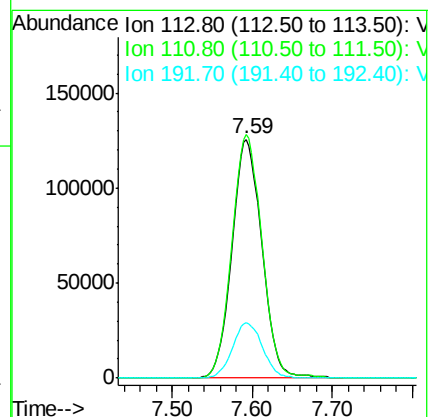
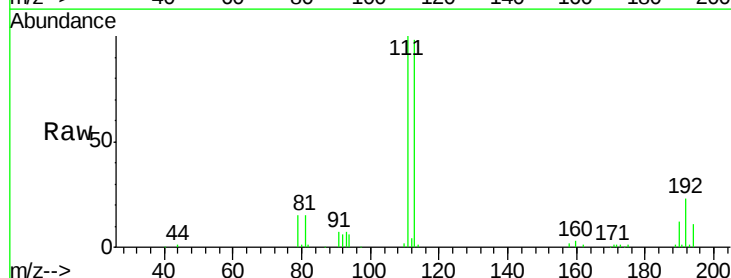
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

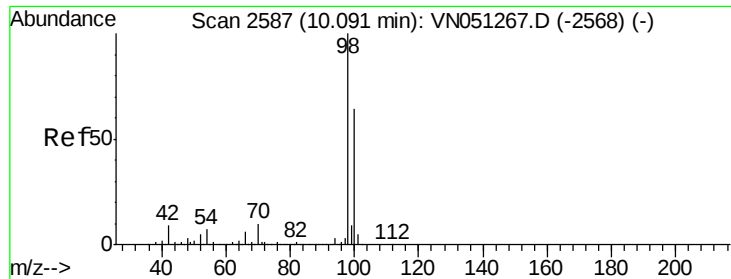
Tot Ion:114 Resp: 819291
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.8
 88 15.4 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 51.37 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051270.D
 Acq: 17 Sep 2018 12:49

Tgt Ion:113 Resp: 318667
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 23.2 19.0 28.6





#50

Toluene-d8

Concen: 48.03 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051270.D

Acq: 17 Sep 2018 12:49

Instrument :

MSVOA_N

ClientSampled :

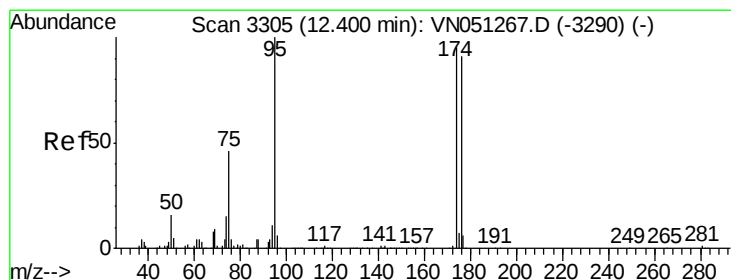
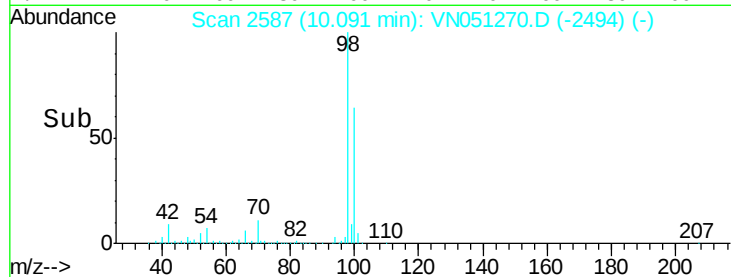
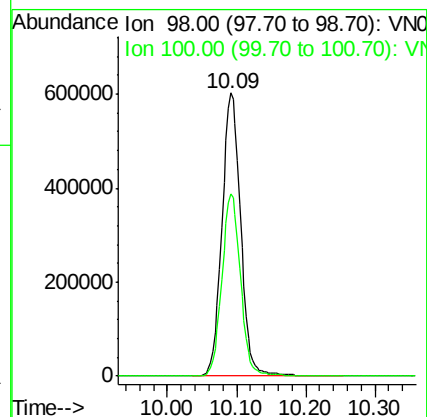
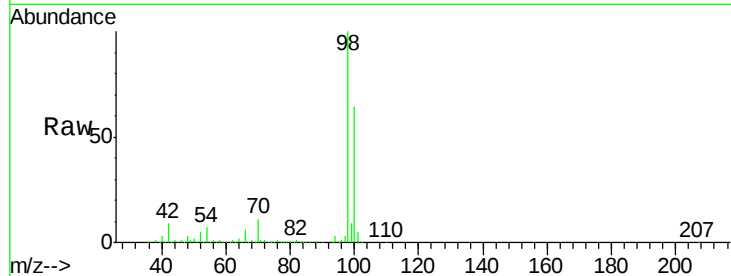
I.BLK

Tot Ion: 98 Resp: 1127462

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 37.41 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051270.D

Acq: 17 Sep 2018 12:49

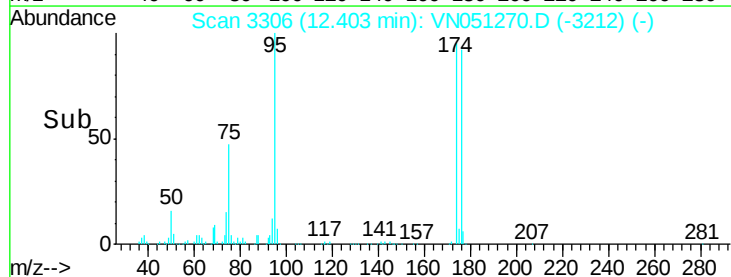
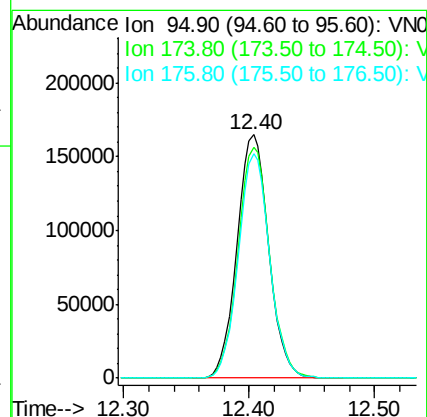
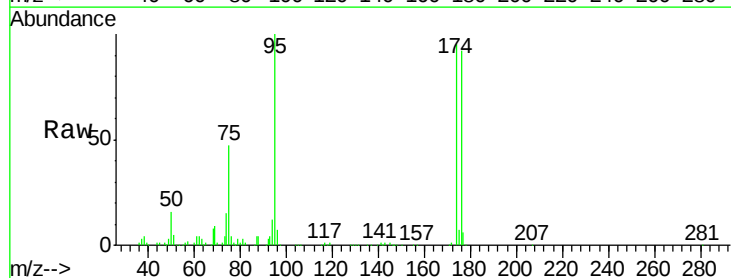
Tgt Ion: 95 Resp: 289022

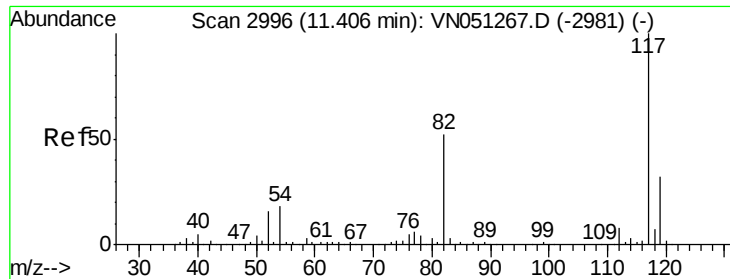
Ion Ratio Lower Upper

95 100

174 94.8 0.0 189.6

176 91.2 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051270.D

Acq: 17 Sep 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

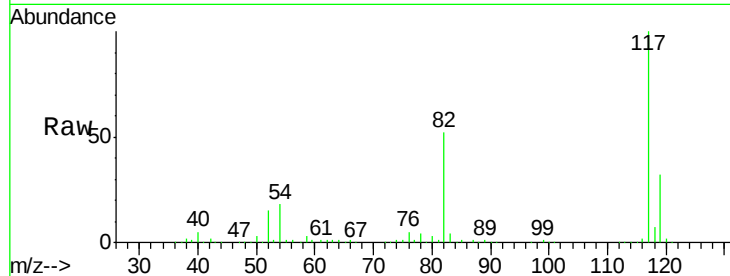
Tot Ion:117 Resp: 681661

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

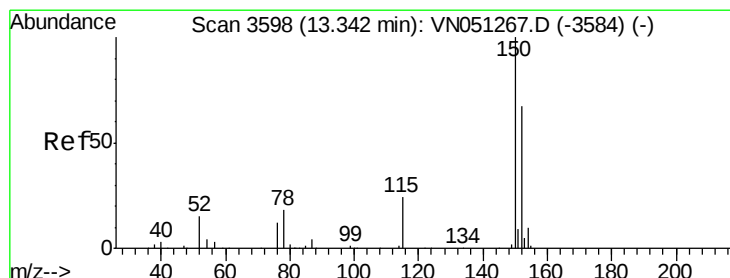
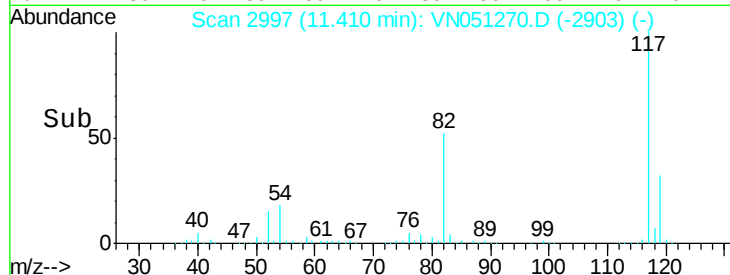
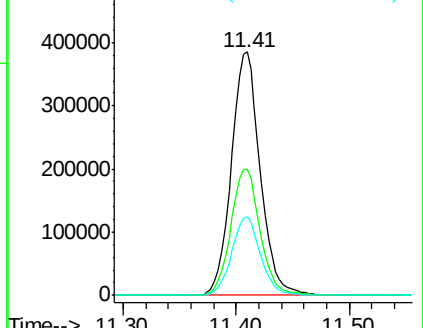
119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051270.D

Acq: 17 Sep 2018 12:49

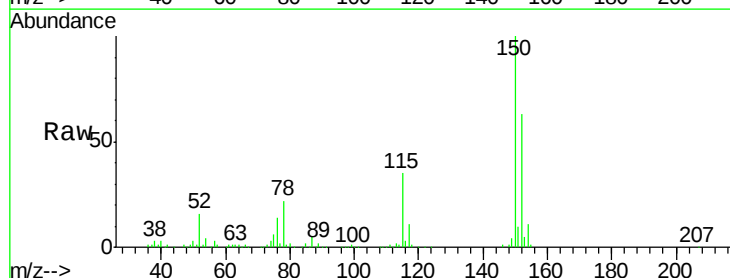
Tgt Ion:152 Resp: 211974

Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

150 156.1 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

