

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051158.D
 Acq On : 13 Sep 2018 8:59
 Operator : MD\SY
 Sample : VN0913WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBL01

Quant Time: Sep 14 01:30:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	594889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	919941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264270	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	369812	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
35) Dibromofluoromethane	7.59	113	357405	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.09	98	1277780	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.40	95	342761	39.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.00%	

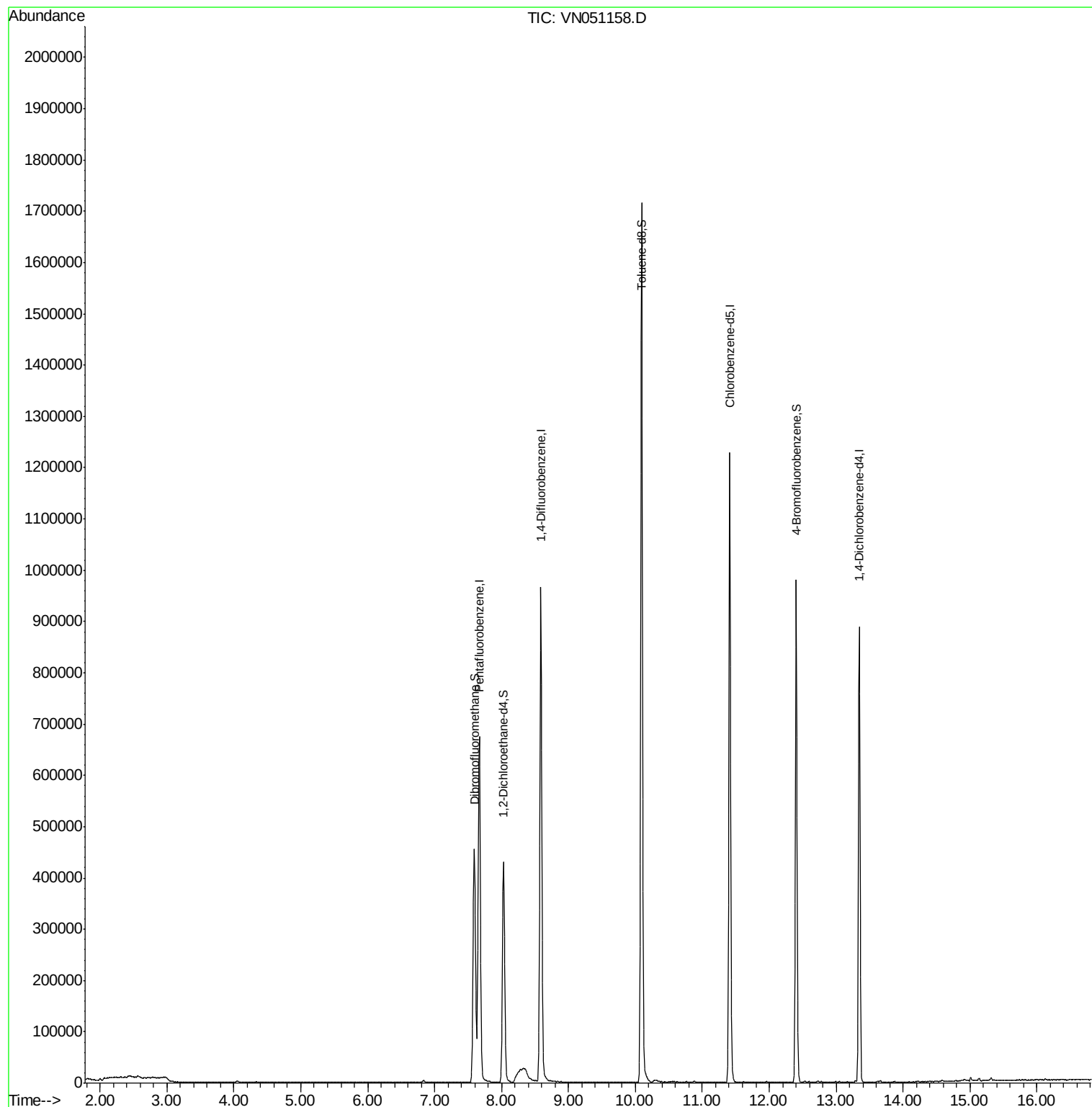
Target Compounds	Qvalue

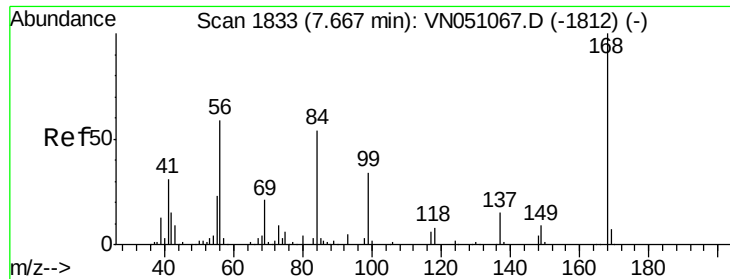
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051158.D

Acq: 13 Sep 2018 8:59

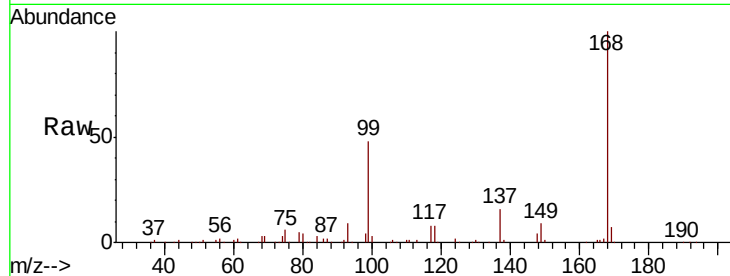
Instrument :
MSVOA_N
ClientSampled :
VN0913WBL01

Tot Ion:168 Resp: 594889

Ion Ratio Lower Upper

168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

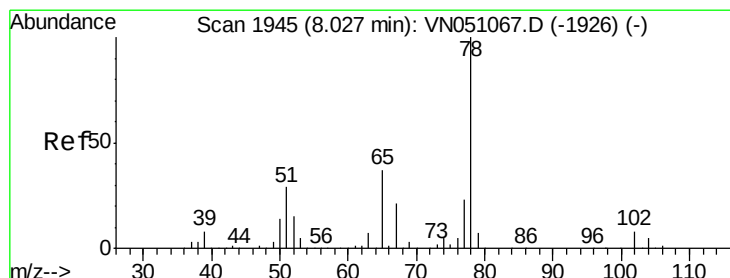
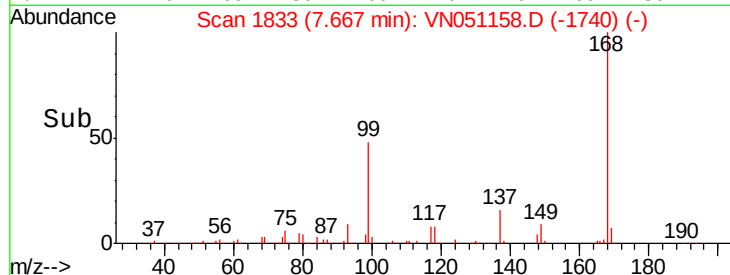
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.86 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051158.D

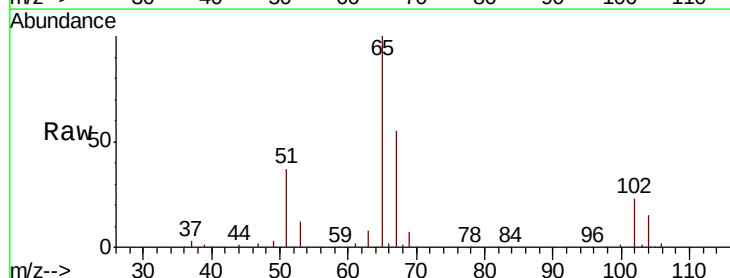
Acq: 13 Sep 2018 8:59

Tgt Ion: 65 Resp: 369812

Ion Ratio Lower Upper

65 100

67 53.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

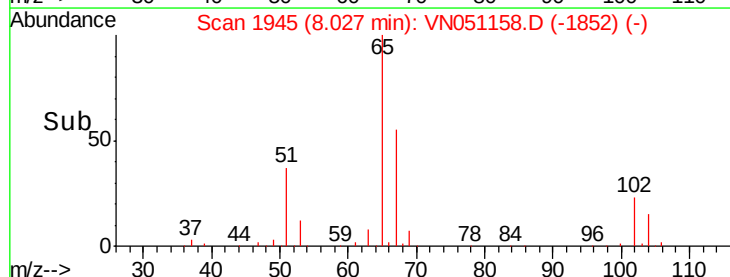
150000

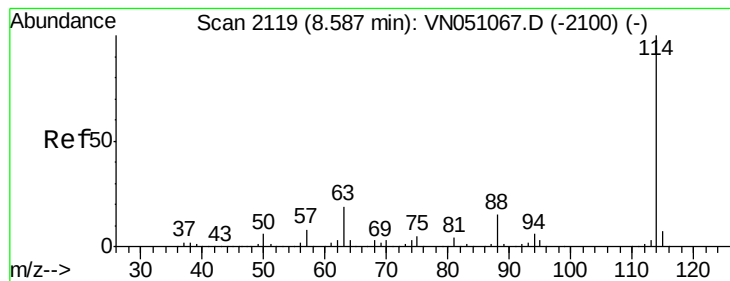
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051158.D

Acq: 13 Sep 2018 8:59

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBL01

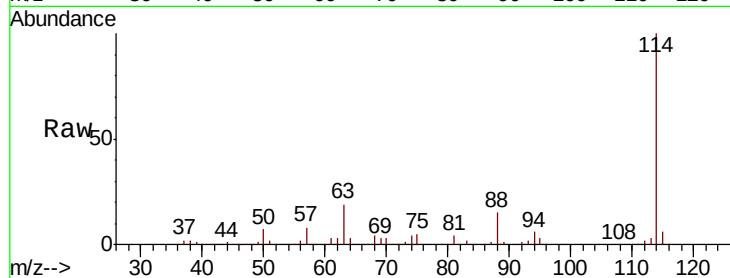
Tot Ion:114 Resp: 919941

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.8

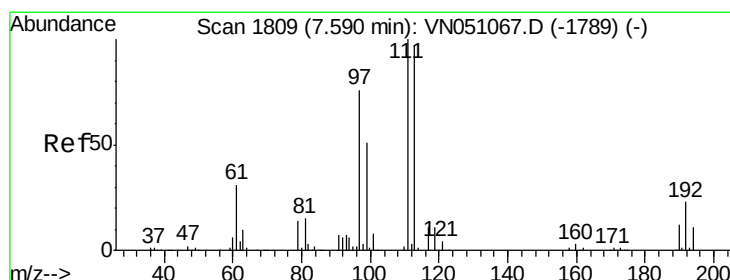
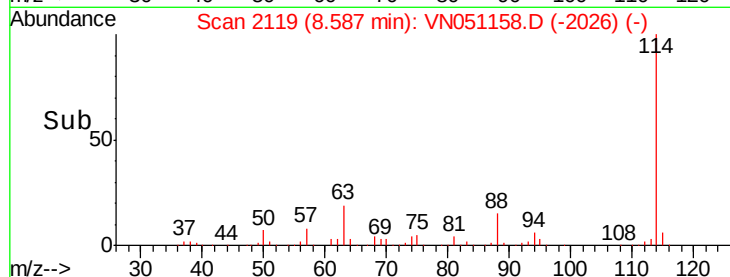
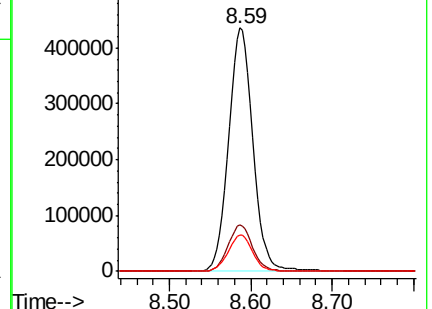
88 15.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.70 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051158.D

Acq: 13 Sep 2018 8:59

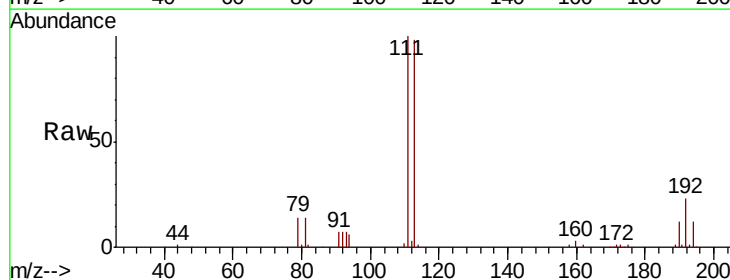
Tgt Ion:113 Resp: 357405

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

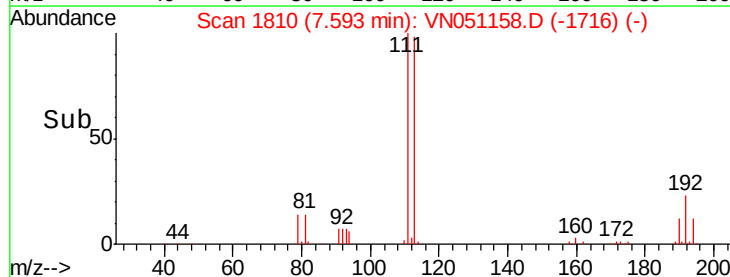
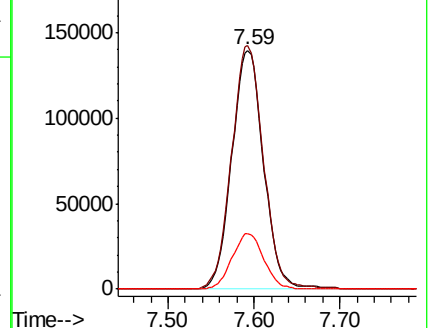
192 23.3 18.7 28.1

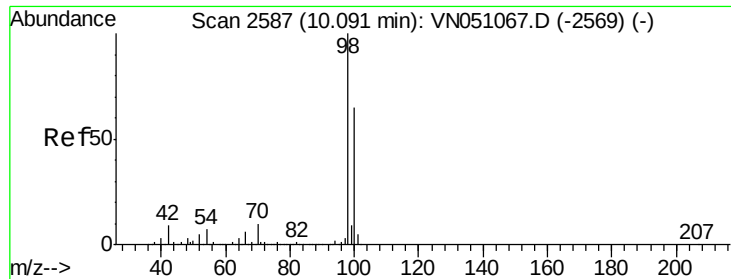


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.71 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051158.D

Acq: 13 Sep 2018 8:59

Instrument :

MSVOA_N

ClientSampleId :

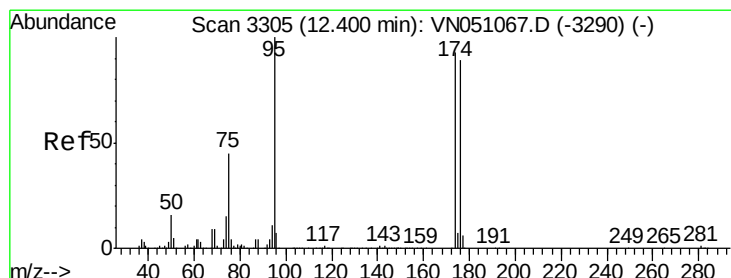
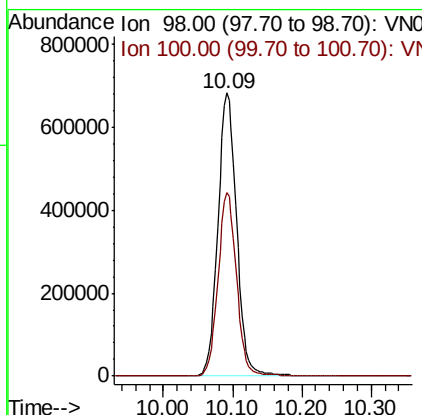
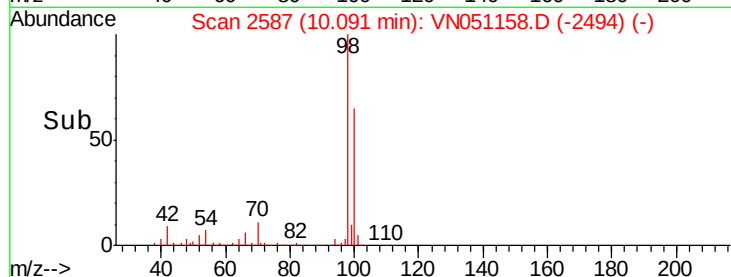
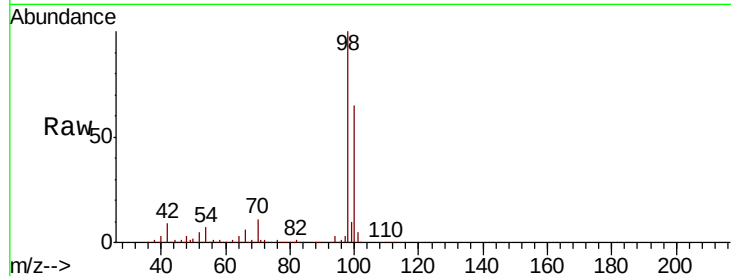
VN0913WBL01

Tot Ion: 98 Resp: 1277780

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.50 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051158.D

Acq: 13 Sep 2018 8:59

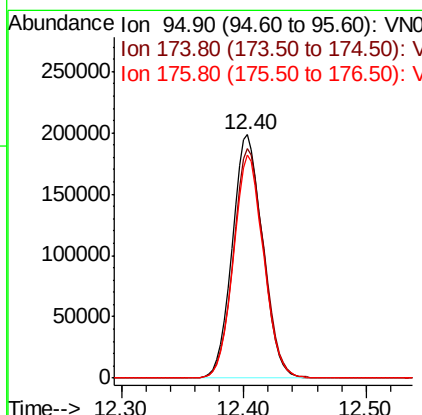
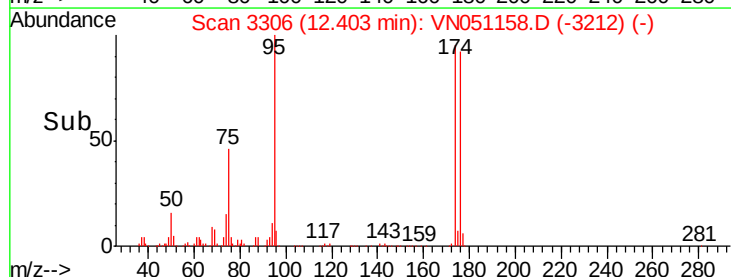
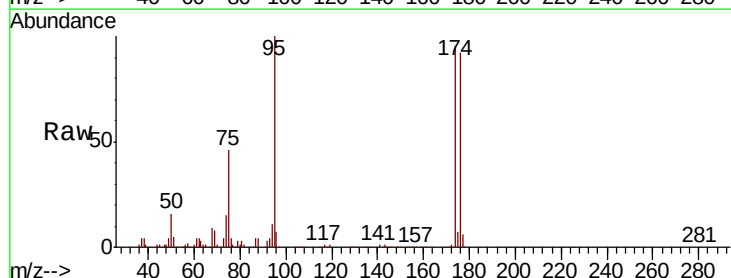
Tgt Ion: 95 Resp: 342761

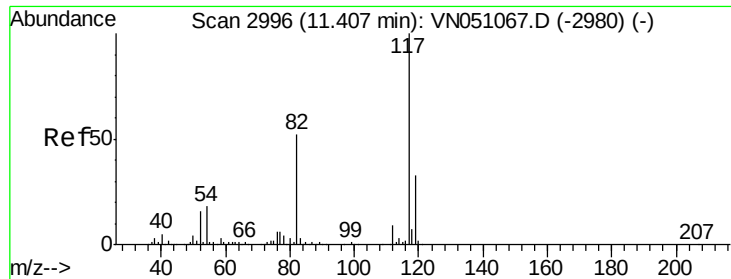
Ion Ratio Lower Upper

95 100

174 94.7 0.0 184.8

176 90.5 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051158.D

Acq: 13 Sep 2018 8:59

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBL01

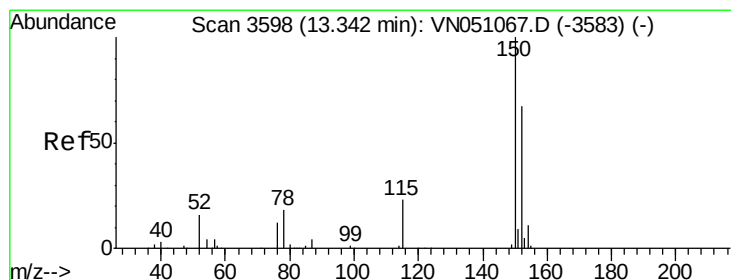
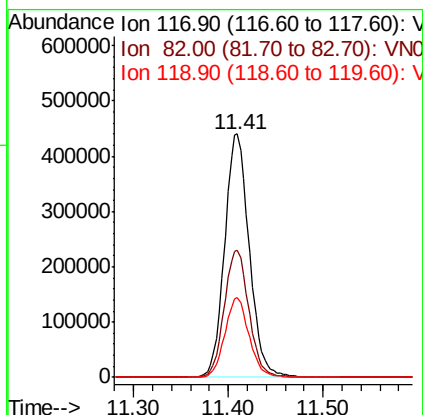
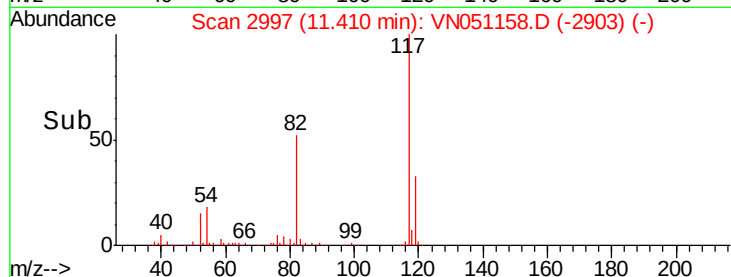
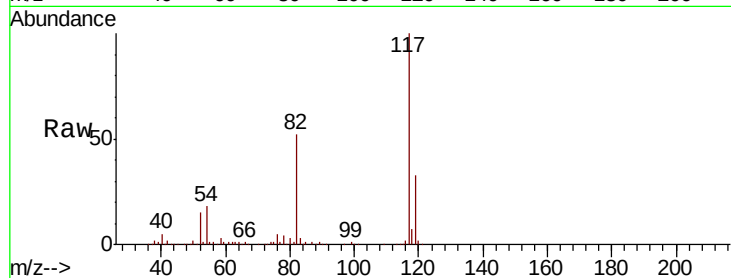
Tot Ion:117 Resp: 794960

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

119 32.5 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051158.D

Acq: 13 Sep 2018 8:59

Tgt Ion:152 Resp: 264270

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 156.6 0.0 349.0

