

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052768.D
 Acq On : 10 Dec 2018 23:10
 Operator : MD\SY
 Sample : VN1210WBL03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBL03

Quant Time: Dec 11 03:21:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1866730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1615906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	616062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	612751	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	7.59	113	517339	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
50) Toluene-d8	10.09	98	2264203	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	710378	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

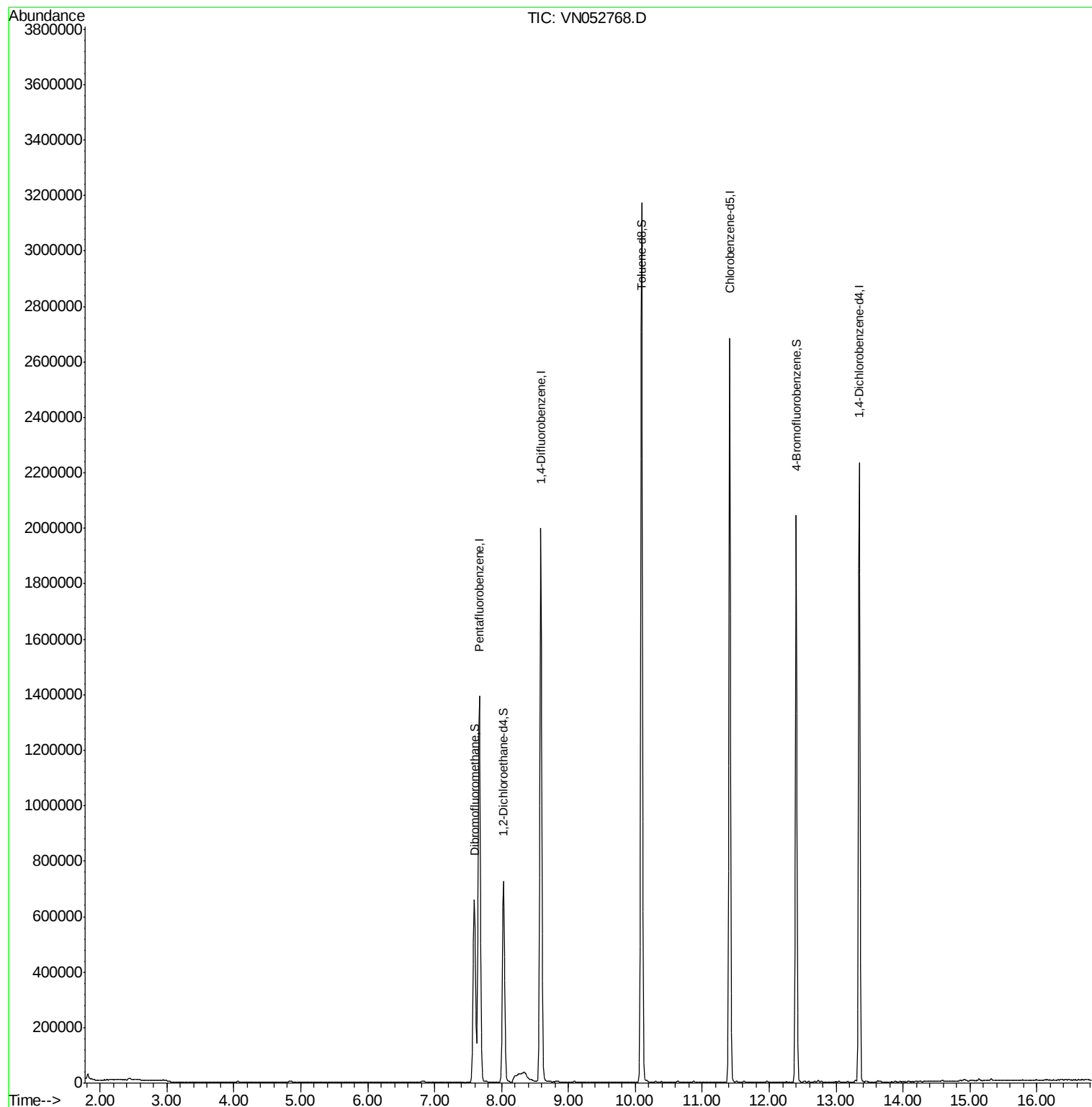
Target Compounds	Qvalue

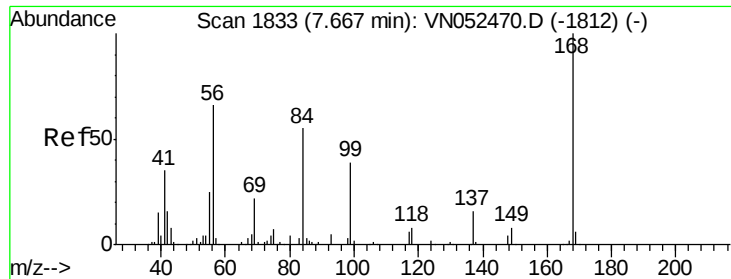
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 03 03:24:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052768.D

Acq: 10 Dec 2018 23:10

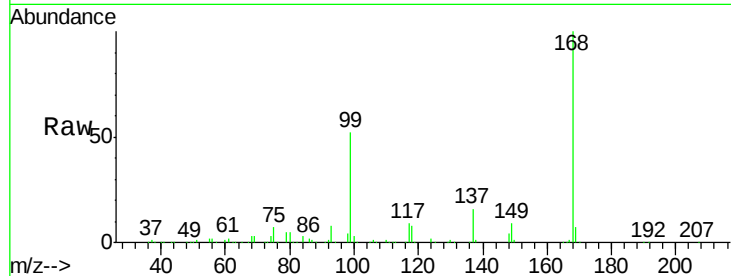
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBL03

Tot Ion:168 Resp: 1218319

Ion Ratio Lower Upper

168 100

99 51.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

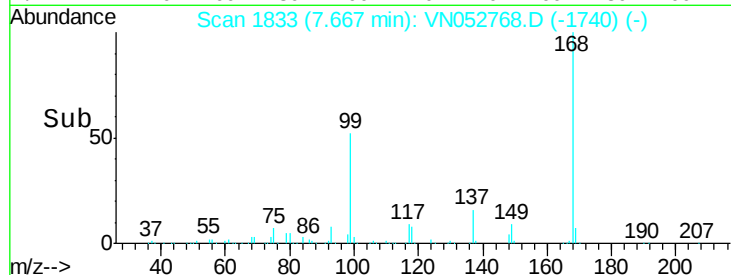
200000

100000

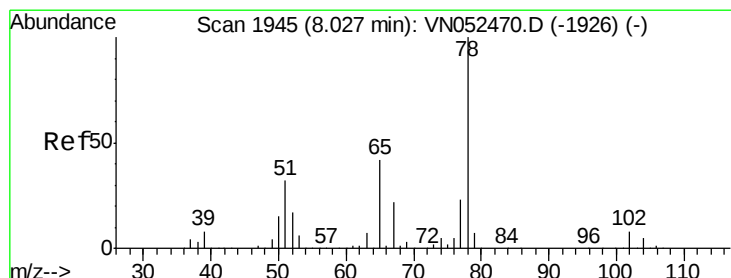
0

7.67

7.60 7.70 7.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052768.D

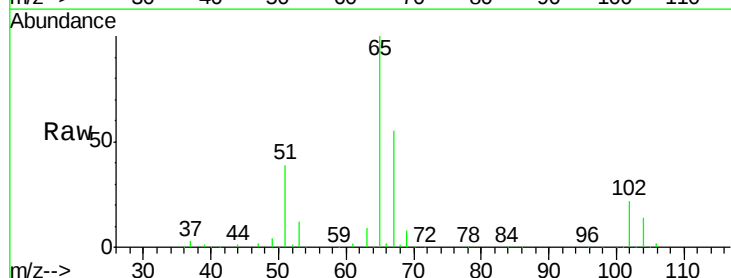
Acq: 10 Dec 2018 23:10

Tgt Ion: 65 Resp: 612751

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

300000

250000

200000

150000

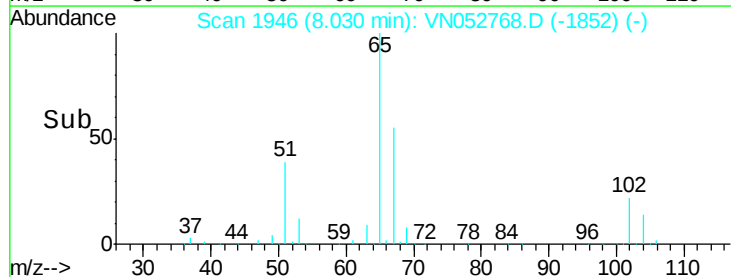
100000

50000

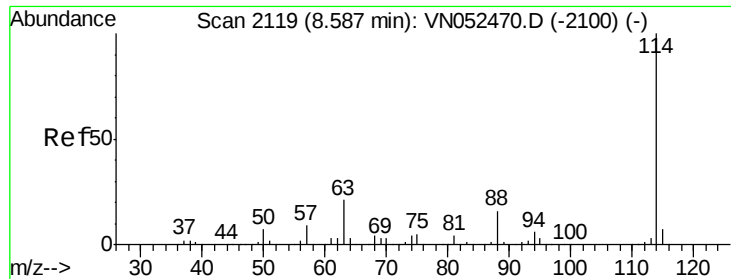
0

8.03

7.90 8.00 8.10 8.20



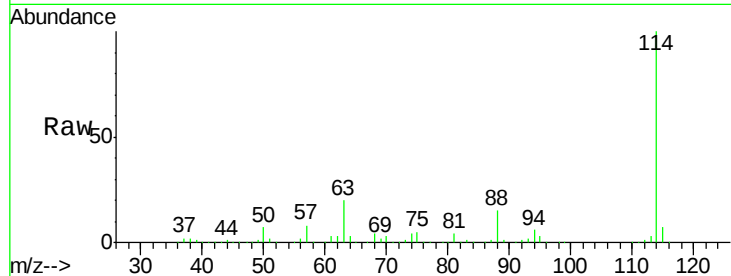
Time-->



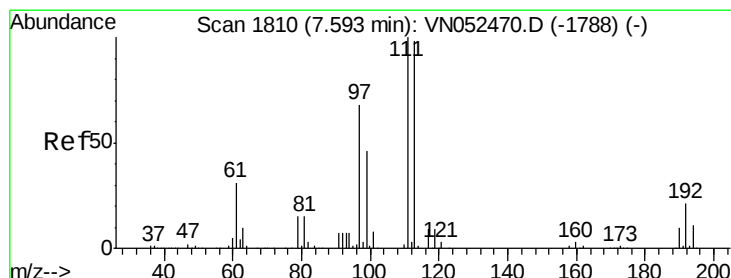
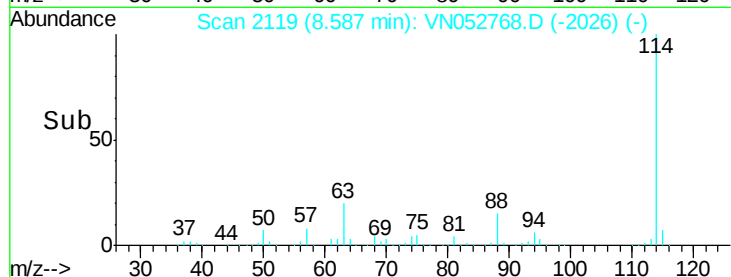
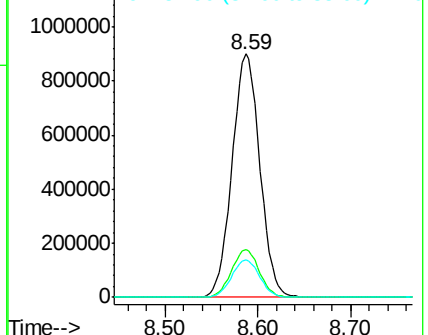
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052768.D
 Acq: 10 Dec 2018 23:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBL03

Tot Ion:114 Resp: 1866730
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.8
 88 15.4 0.0 31.6

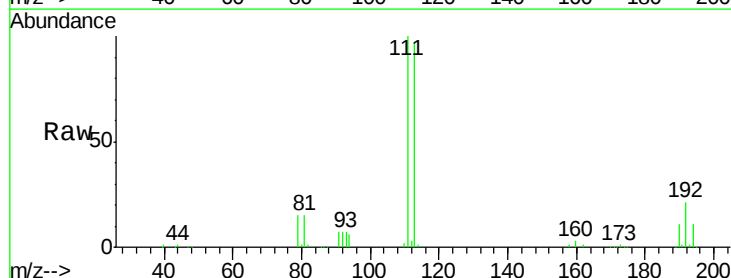


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

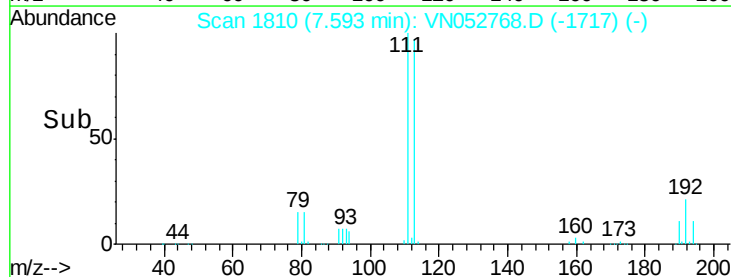
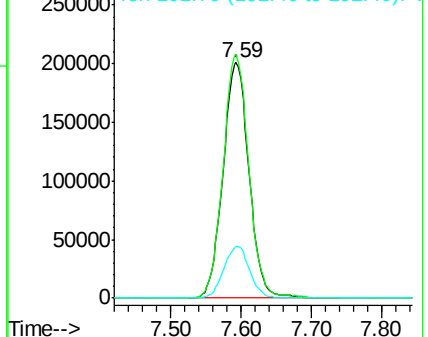


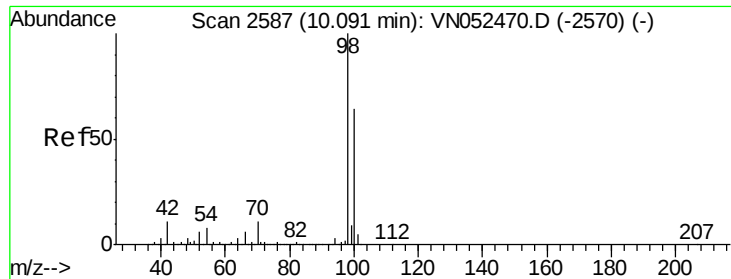
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052768.D
 Acq: 10 Dec 2018 23:10

Tgt Ion:113 Resp: 517339
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 22.0 17.0 25.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052768.D

Acq: 10 Dec 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

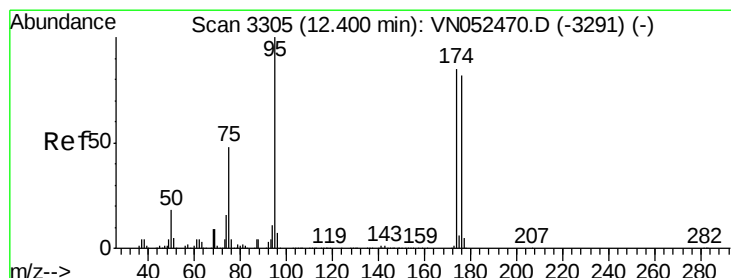
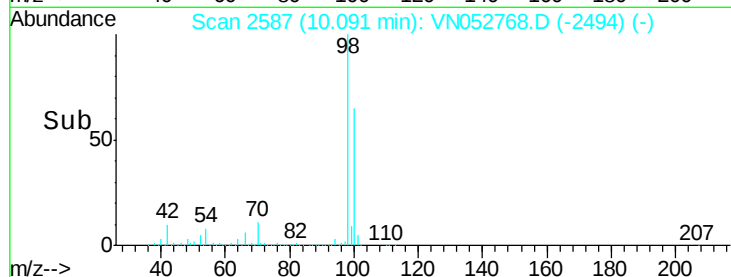
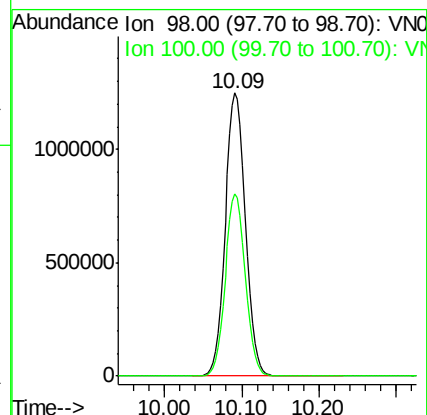
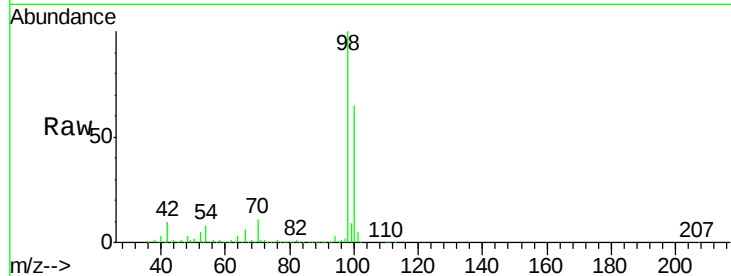
VN1210WBL03

Tot Ion: 98 Resp: 2264203

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052768.D

Acq: 10 Dec 2018 23:10

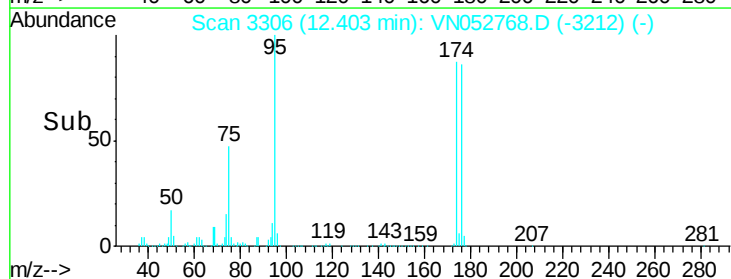
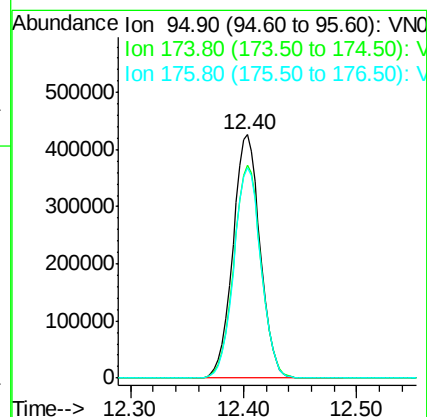
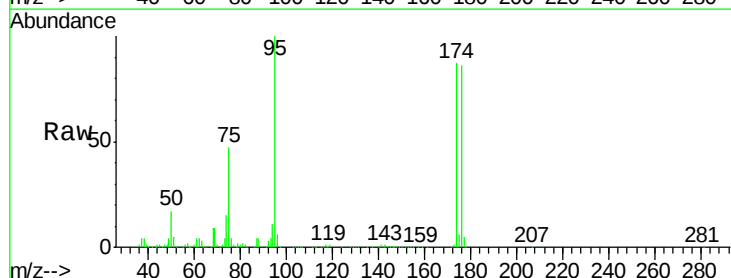
Tgt Ion: 95 Resp: 710378

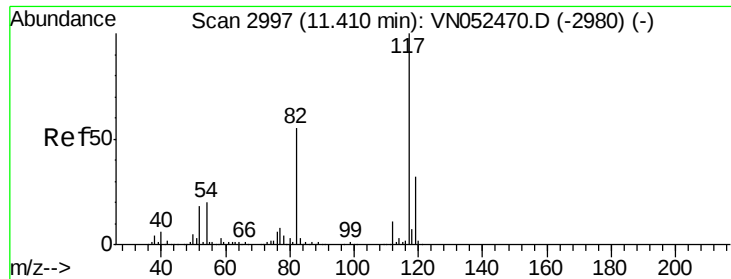
Ion Ratio Lower Upper

95 100

174 87.6 0.0 173.0

176 86.4 0.0 166.2

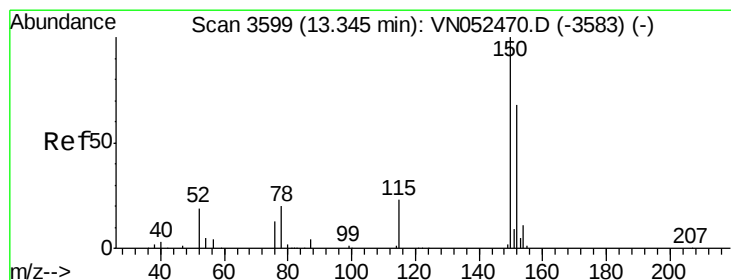
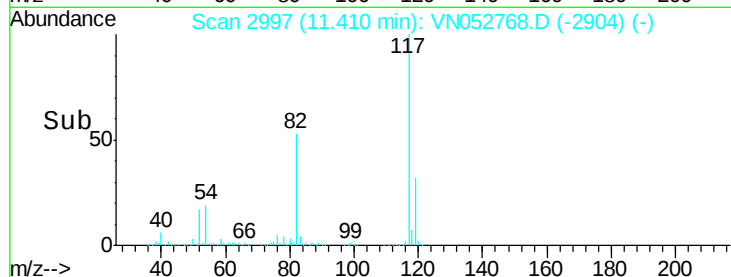
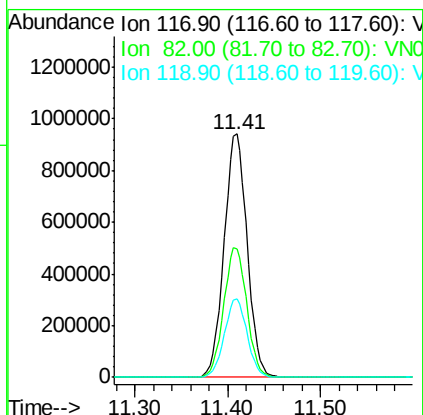
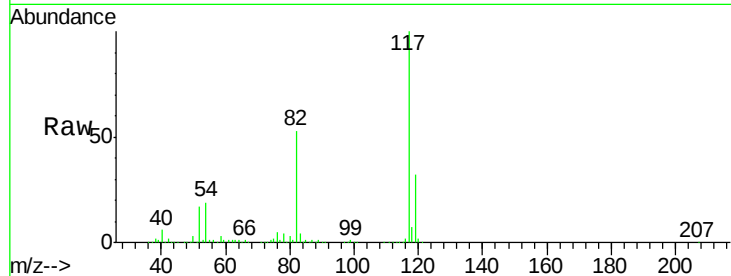




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052768.D
Acq: 10 Dec 2018 23:10

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBL03

Tot Ion:117 Resp: 1615906
Ion Ratio Lower Upper
117 100
82 52.9 43.6 65.4
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052768.D
Acq: 10 Dec 2018 23:10

Tgt Ion:152 Resp: 616062
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 157.2 0.0 346.0

