

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052651.D
 Acq On : 4 Dec 2018 13:47
 Operator : MD\SY
 Sample : J6209-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HMF-NORTH

Quant Time: Dec 05 10:17:05 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	1190362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1838313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1602802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615104	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	619553	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	7.59	113	562561	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.09	98	2220966	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.40	95	707100	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

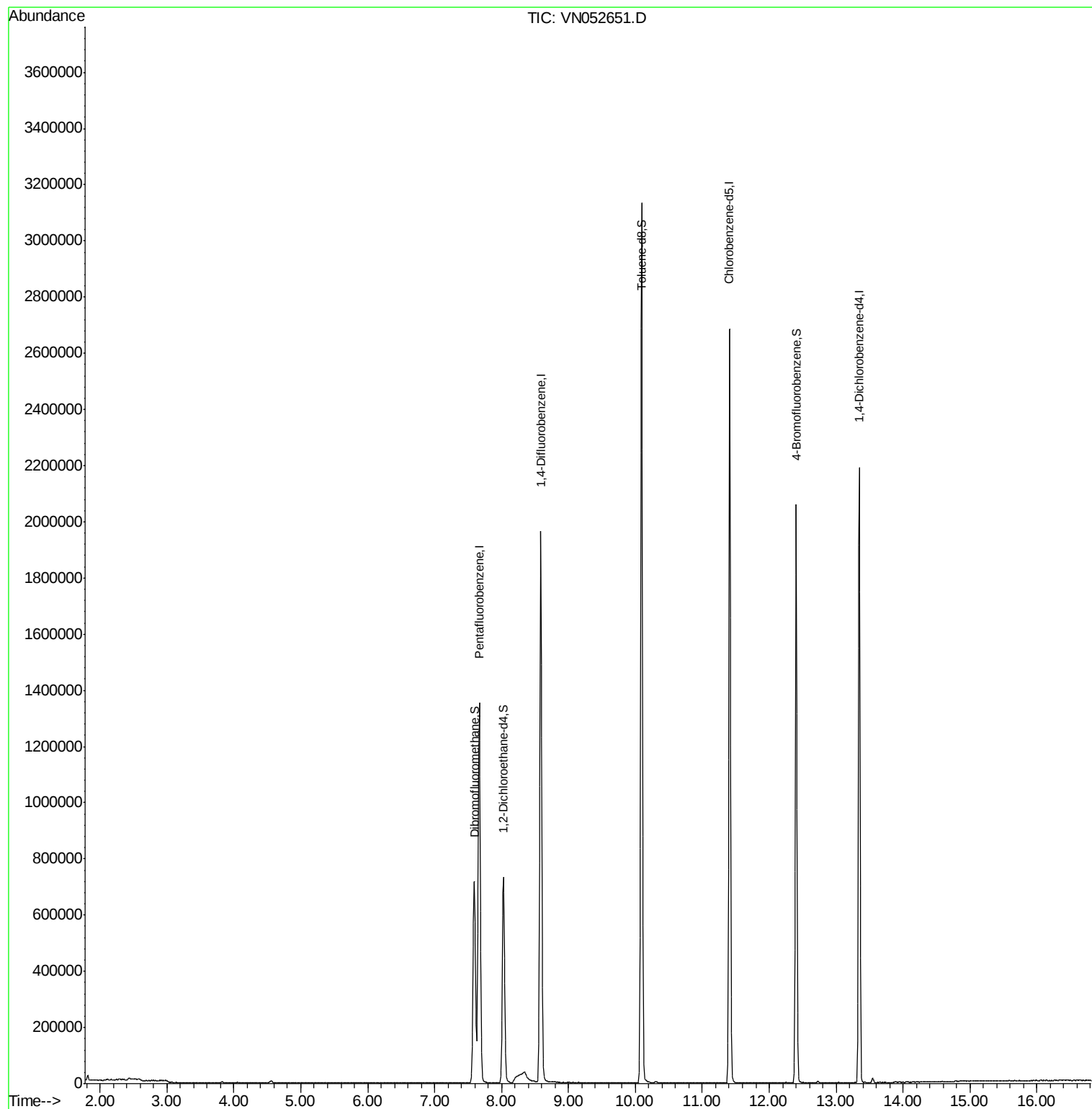
Target Compounds	Qvalue
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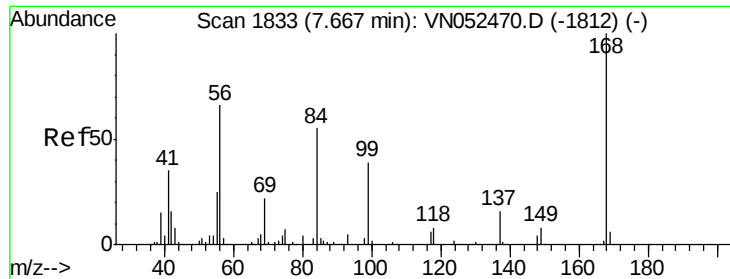
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
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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: VN052651.D

Acq: 4 Dec 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

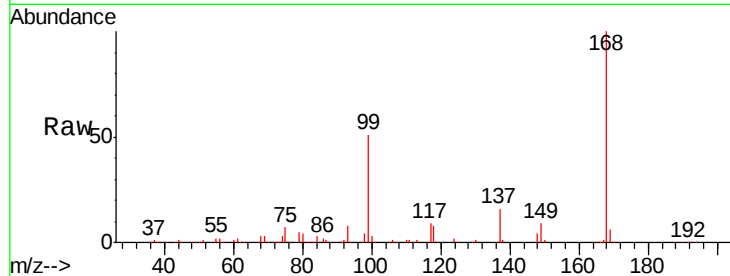
HMF-NORTH

Tgt Ion:168 Resp: 1190362

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

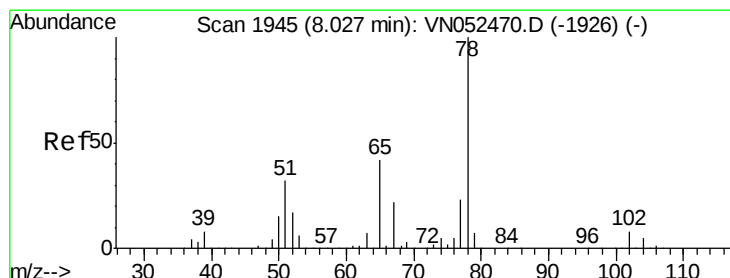
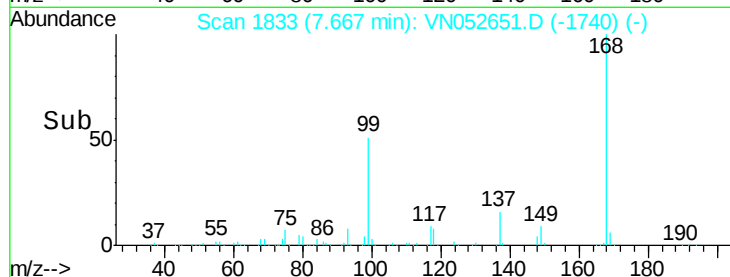
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052651.D

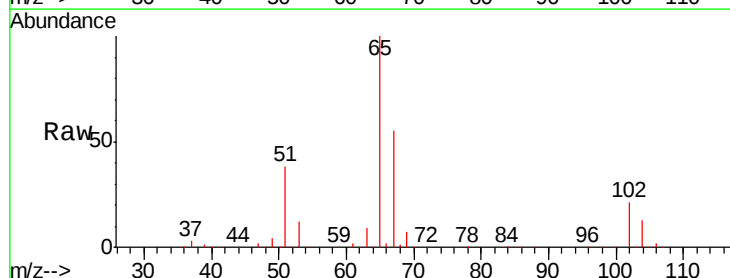
Acq: 4 Dec 2018 13:47

Tgt Ion: 65 Resp: 619553

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

300000

250000

200000

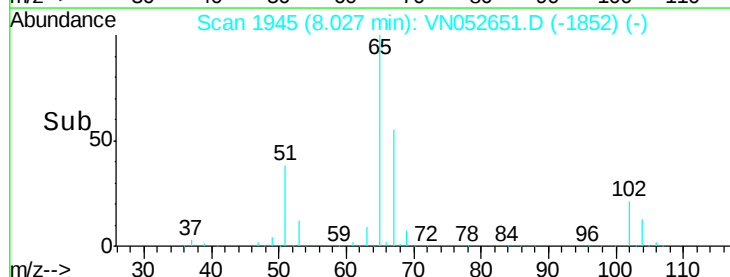
150000

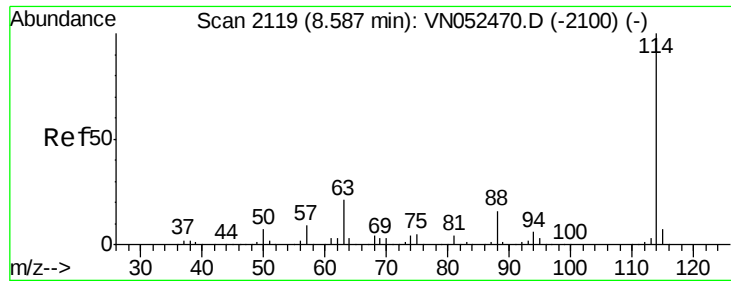
100000

50000

0

Time--> 7.90 8.00 8.10 8.20

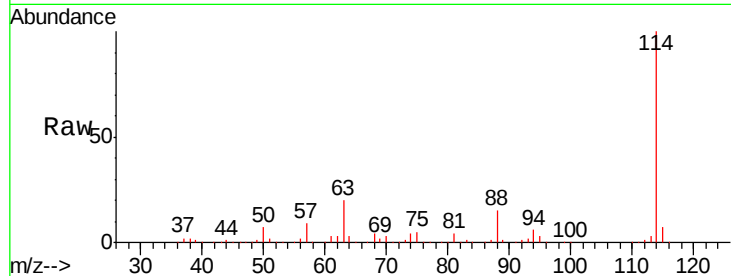




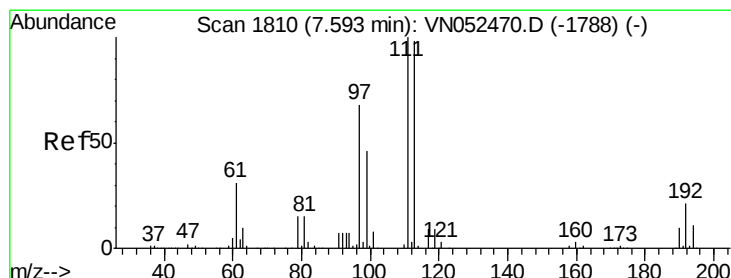
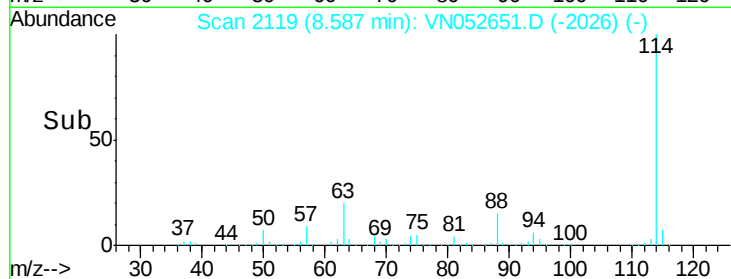
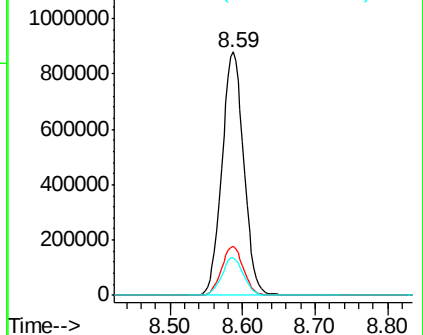
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052651.D
Acq: 4 Dec 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
HMF-NORTH

Tgt Ion:114 Resp: 1838313
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.8
88 15.3 0.0 31.6

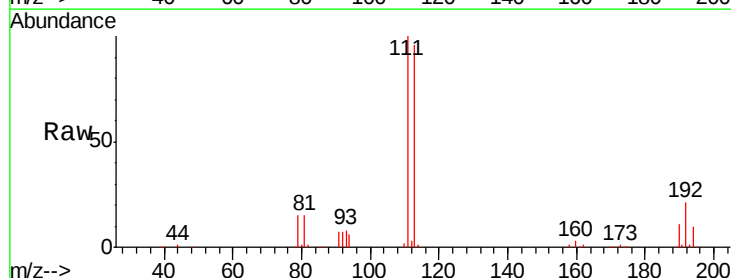


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

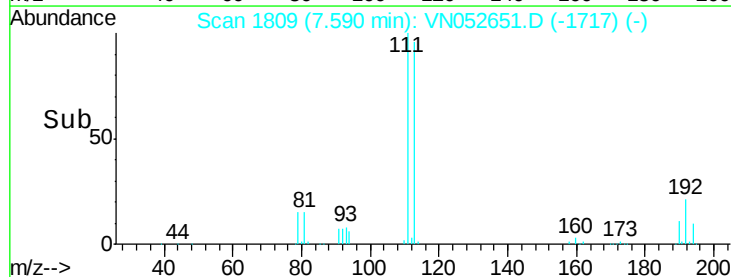
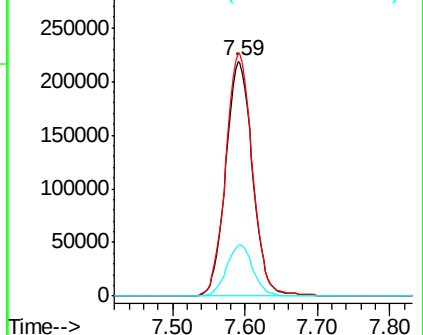


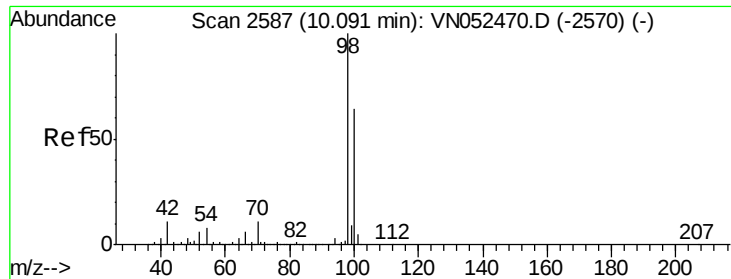
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052651.D
Acq: 4 Dec 2018 13:47

Tgt Ion:113 Resp: 562561
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 21.5 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: VN052651.D

Acq: 4 Dec 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

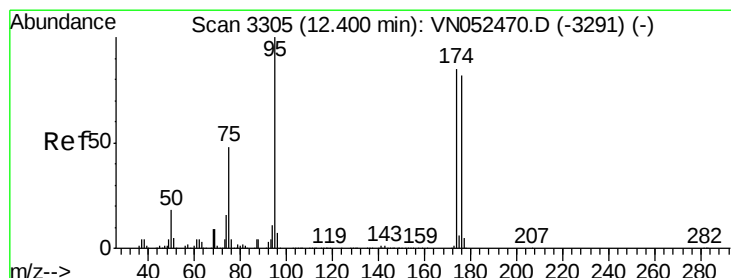
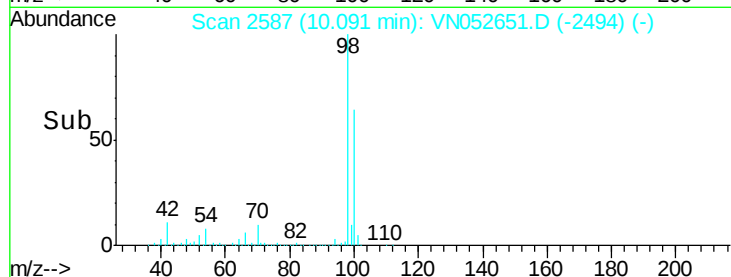
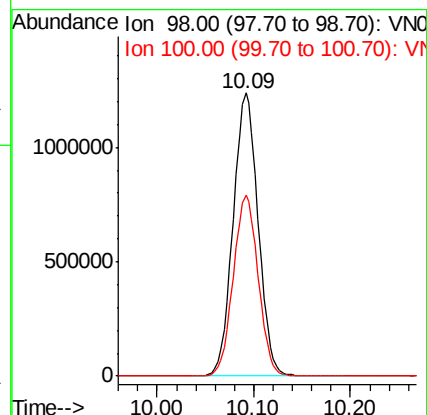
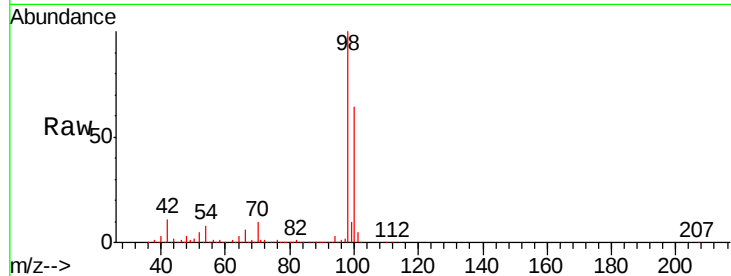
HMF-NORTH

Tgt Ion: 98 Resp: 2220966

Ion Ratio Lower Upper

98 100

100 63.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052651.D

Acq: 4 Dec 2018 13:47

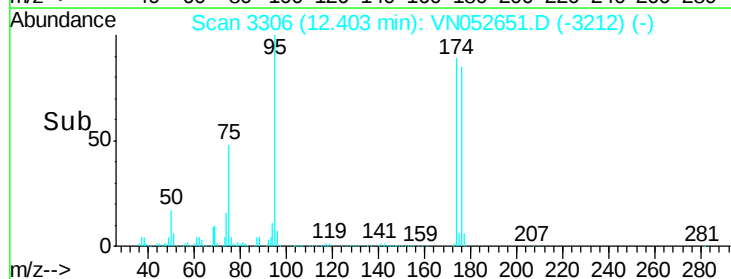
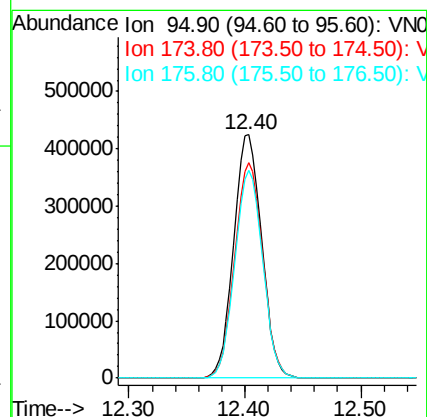
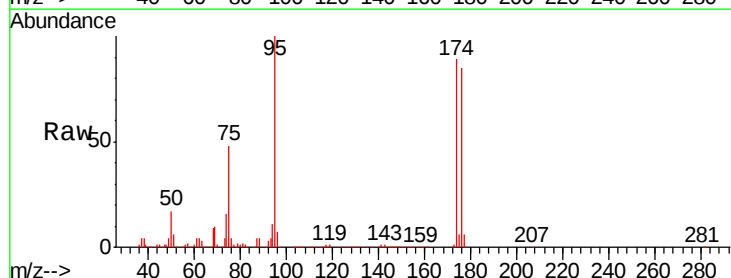
Tgt Ion: 95 Resp: 707100

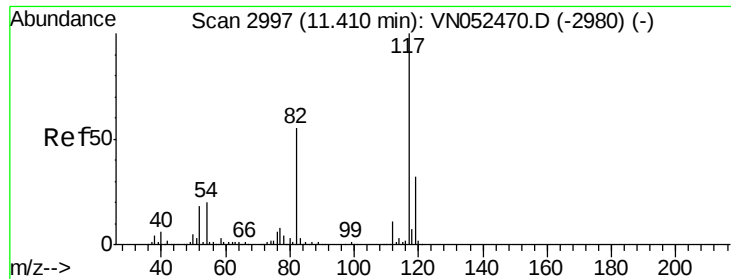
Ion Ratio Lower Upper

95 100

174 88.5 0.0 173.0

176 85.1 0.0 166.2

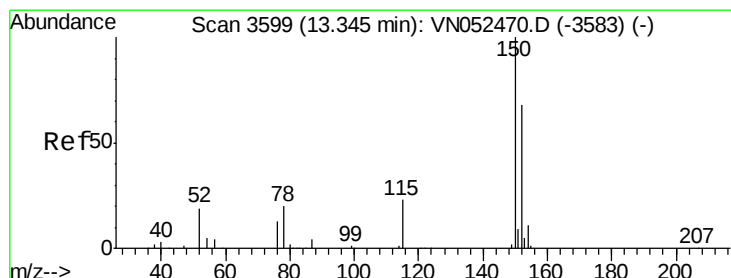
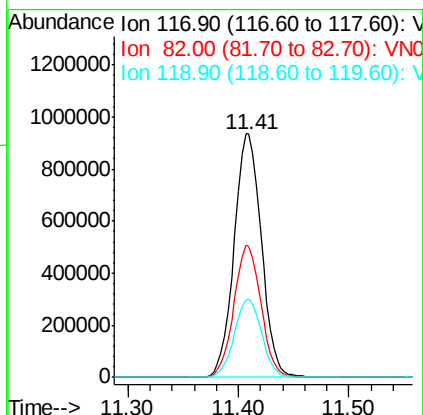
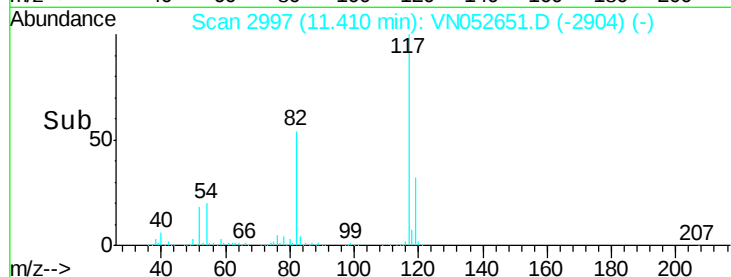
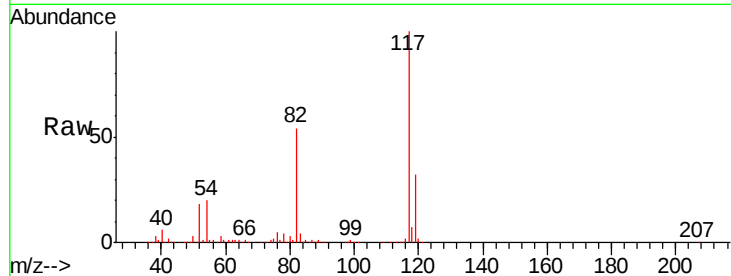




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052651.D
Acq: 4 Dec 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
HMF-NORTH

Tgt Ion:117 Resp: 1602802
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.0 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: VN052651.D
Acq: 4 Dec 2018 13:47

Tgt Ion:152 Resp: 615104
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 156.9 0.0 346.0

