

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052652.D
 Acq On : 4 Dec 2018 14:13
 Operator : MD\SY
 Sample : J6209-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HMF-SOUTH

Quant Time: Dec 05 10:54:28 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	1229163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1891679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1633718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	611224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	637170	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.59	113	584007	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.09	98	2292486	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.40	95	713062	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

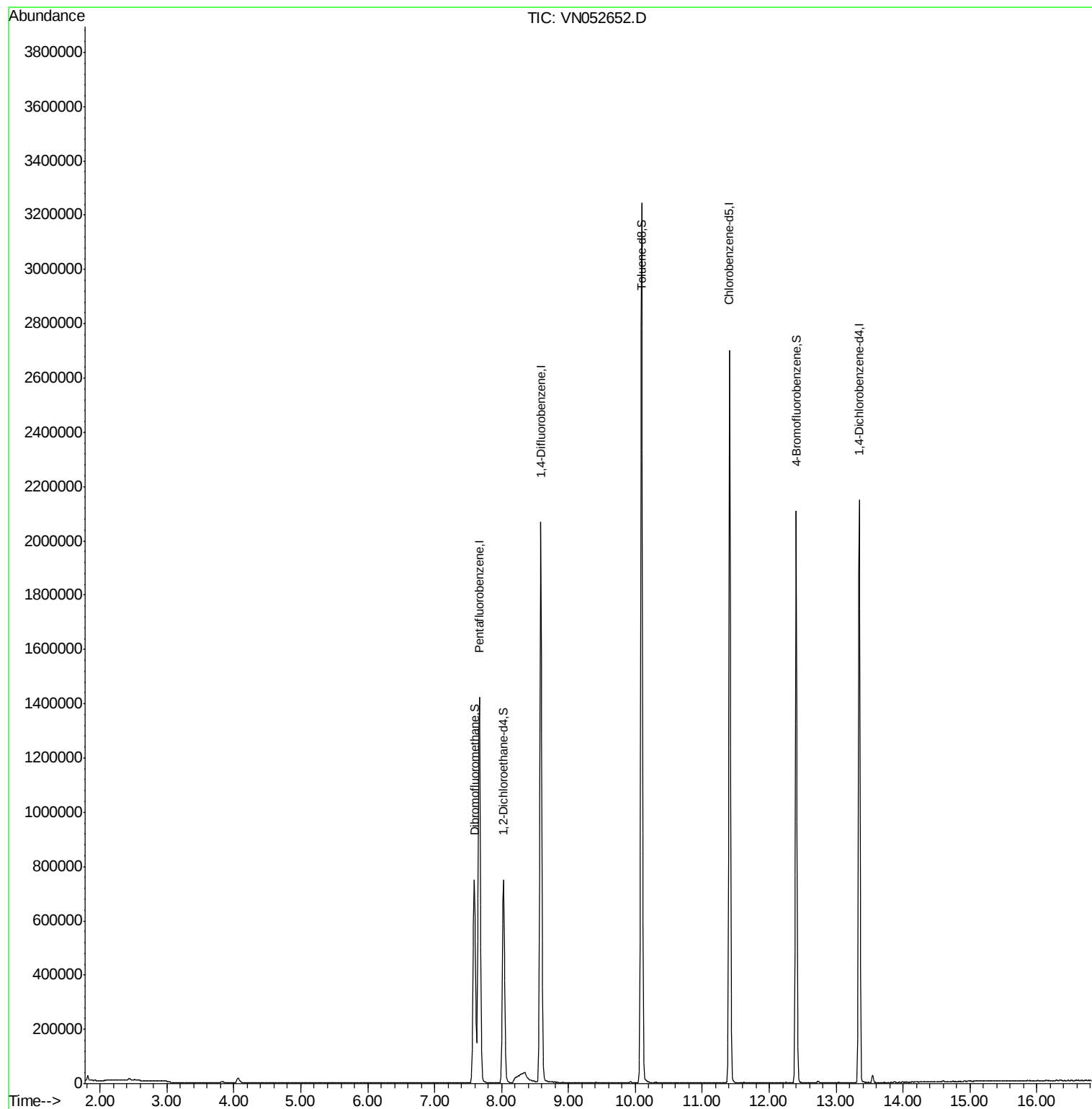
Target Compounds	Qvalue

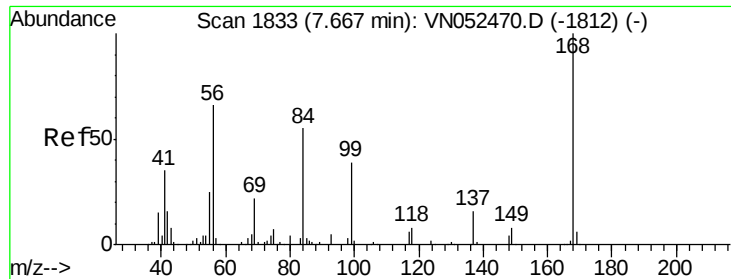
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

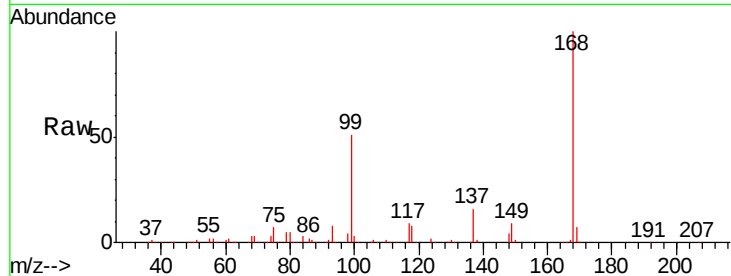
HMF-SOUTH

Tgt Ion:168 Resp: 1229163

Ion Ratio Lower Upper

168 100

99 50.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D

Ion 98.90 (98.60 to 99.60): VN052470.D

7.67

500000

400000

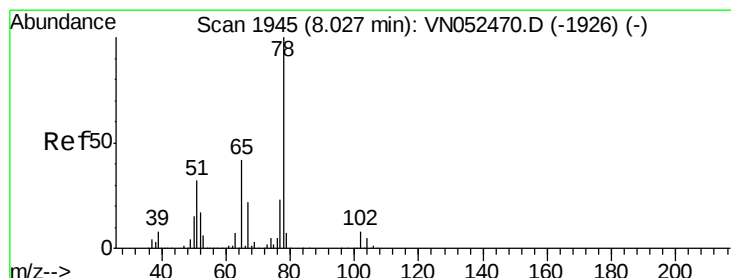
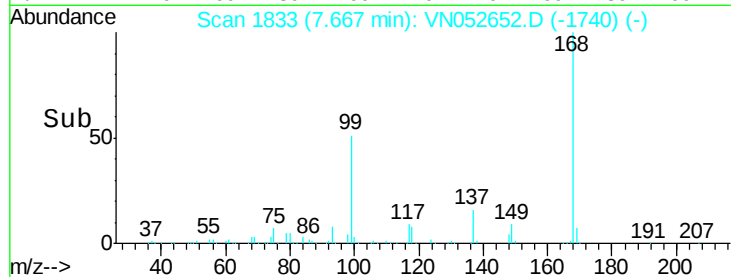
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052652.D

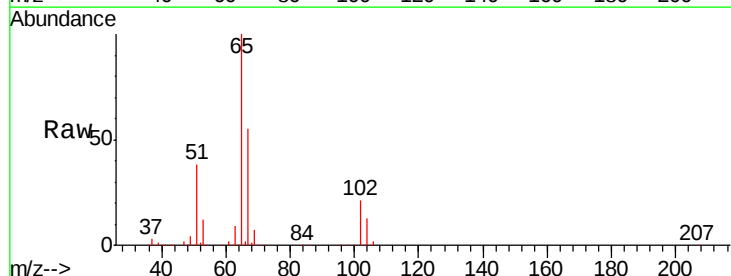
Acq: 4 Dec 2018 14:13

Tgt Ion: 65 Resp: 637170

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052470.D

Ion 66.90 (66.60 to 67.60): VN052470.D

8.03

300000

250000

200000

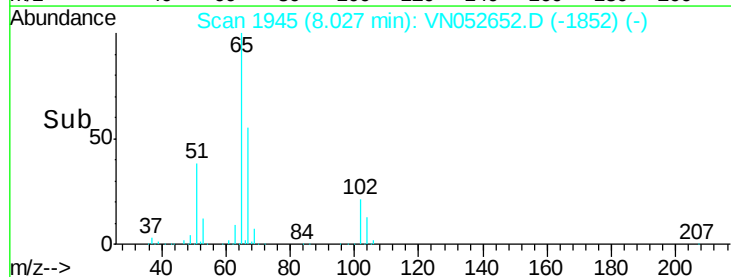
150000

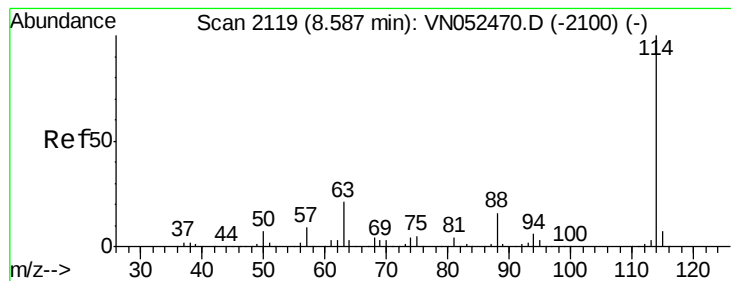
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

HMF-SOUTH

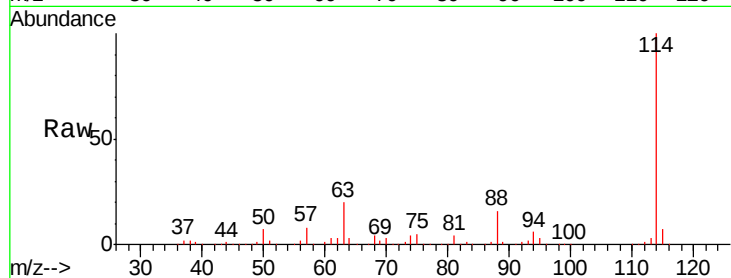
Tgt Ion:114 Resp: 1891679

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.8

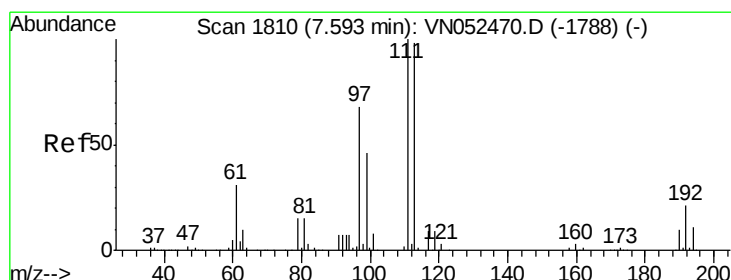
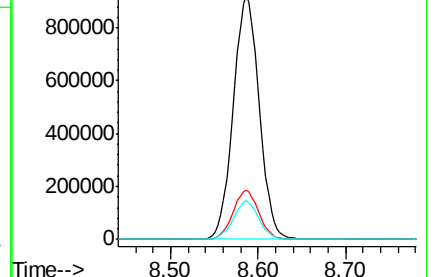
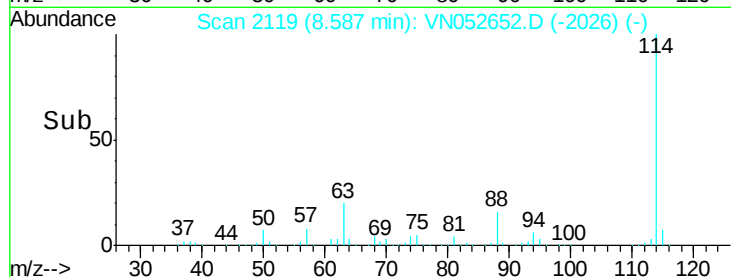
88 15.7 0.0 31.6



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# 1810

Delta R.T. -0.00 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

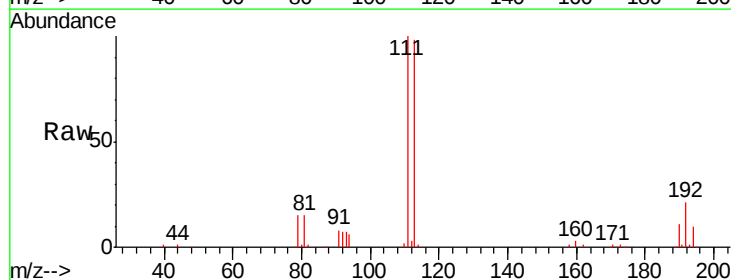
Tgt Ion:113 Resp: 584007

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

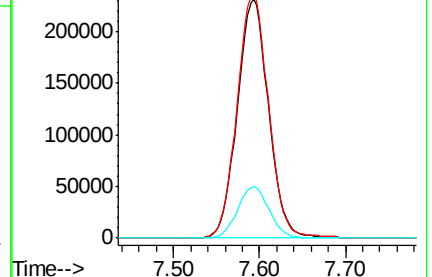
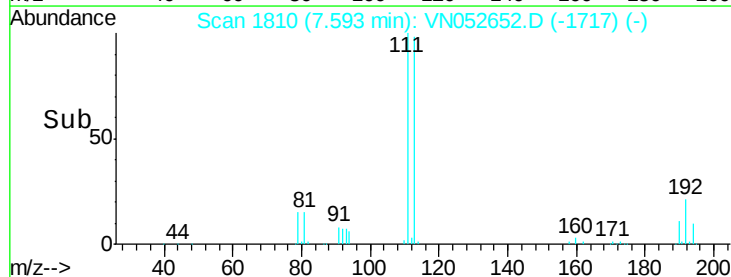
192 21.8 17.0 25.6

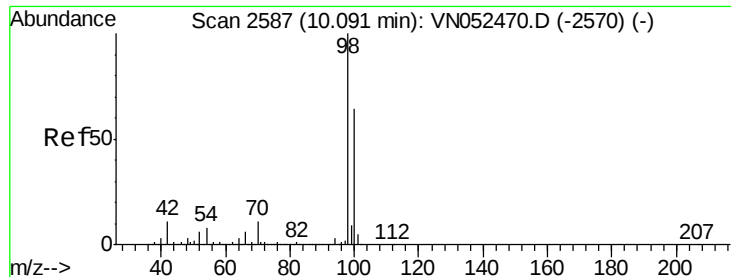


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

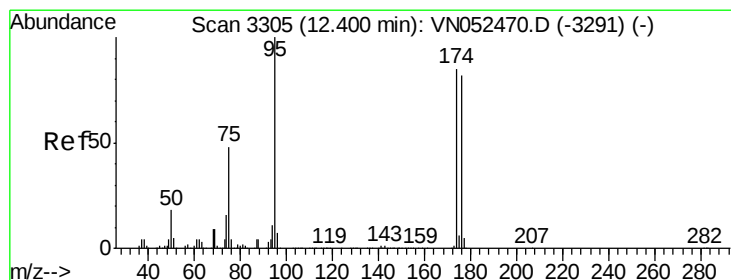
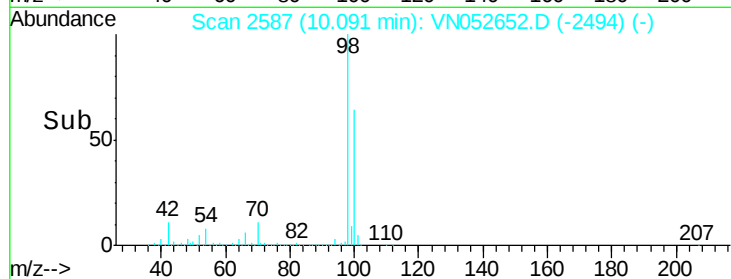
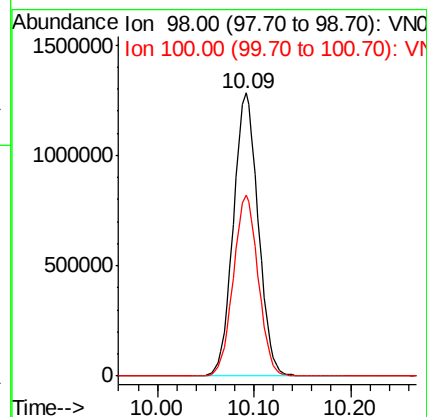
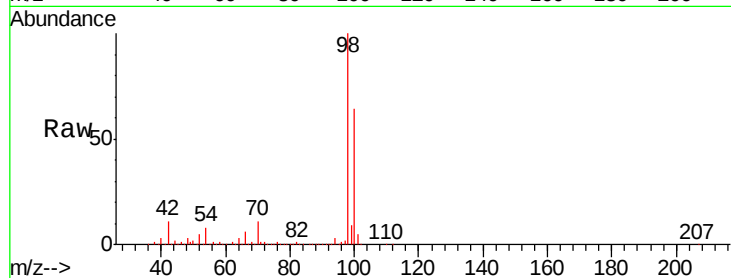
HMF-SOUTH

Tgt Ion: 98 Resp: 2292486

Ion Ratio Lower Upper

98 100

100 63.9 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: VN052652.D

Acq: 4 Dec 2018 14:13

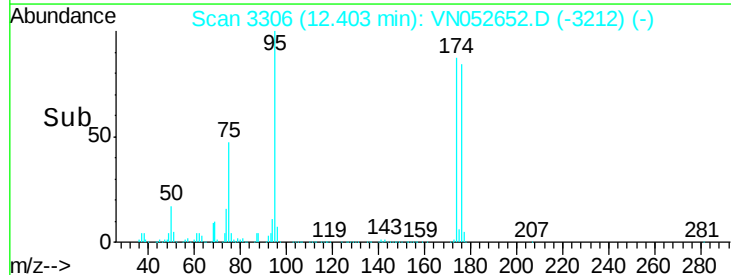
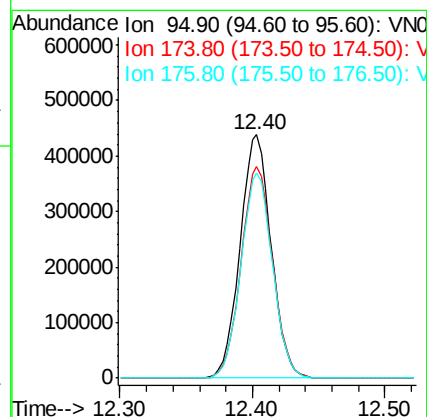
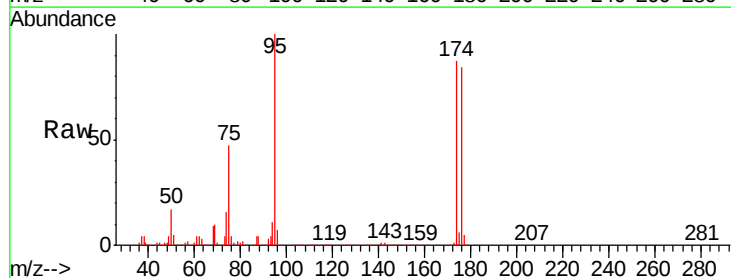
Tgt Ion: 95 Resp: 713062

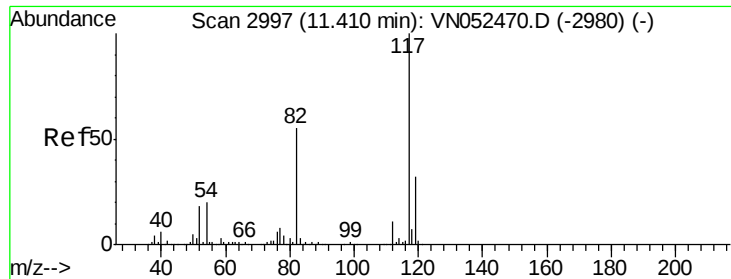
Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.0

176 85.3 0.0 166.2

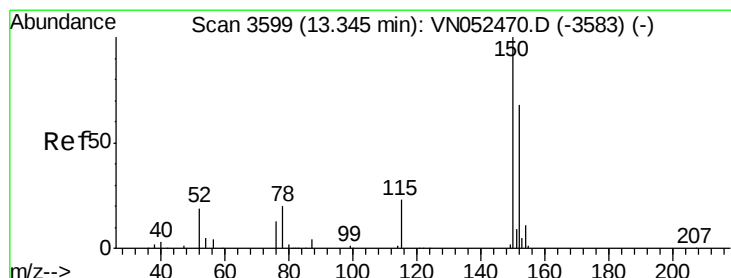
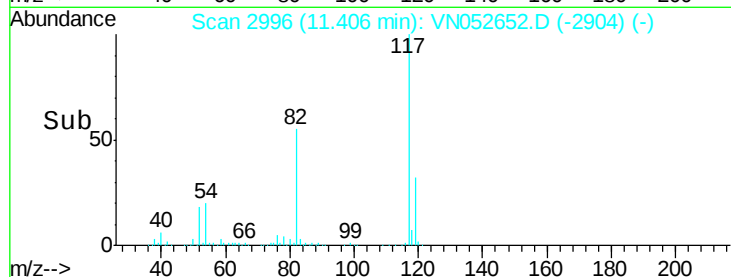
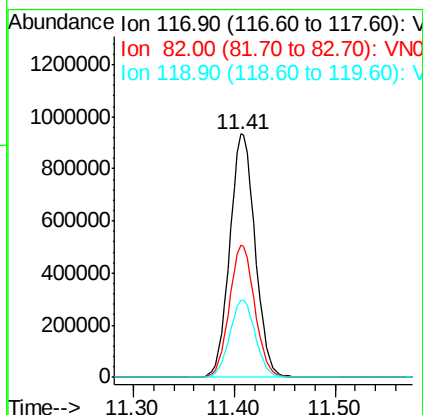
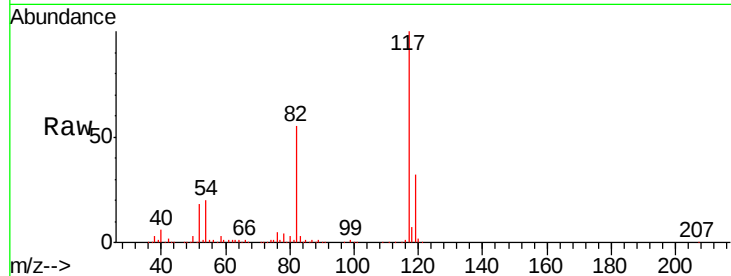




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

Instrument :
MSVOA_N
ClientSampleId :
HMF-SOUTH

Tgt Ion:117 Resp: 1633718
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 31.8 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: VN052652.D
Acq: 4 Dec 2018 14:13

Tgt Ion:152 Resp: 611224
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 157.0 0.0 346.0

