

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052071.D
 Acq On : 31 Oct 2018 14:04
 Operator : MD\SY
 Sample : PB114328ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#01

Quant Time: Oct 31 14:52:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	305798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	250262	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.59	113	208198	60.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.50%	
50) Toluene-d8	10.09	98	829381	60.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.10%	
62) 4-Bromofluorobenzene	12.40	95	284287	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	

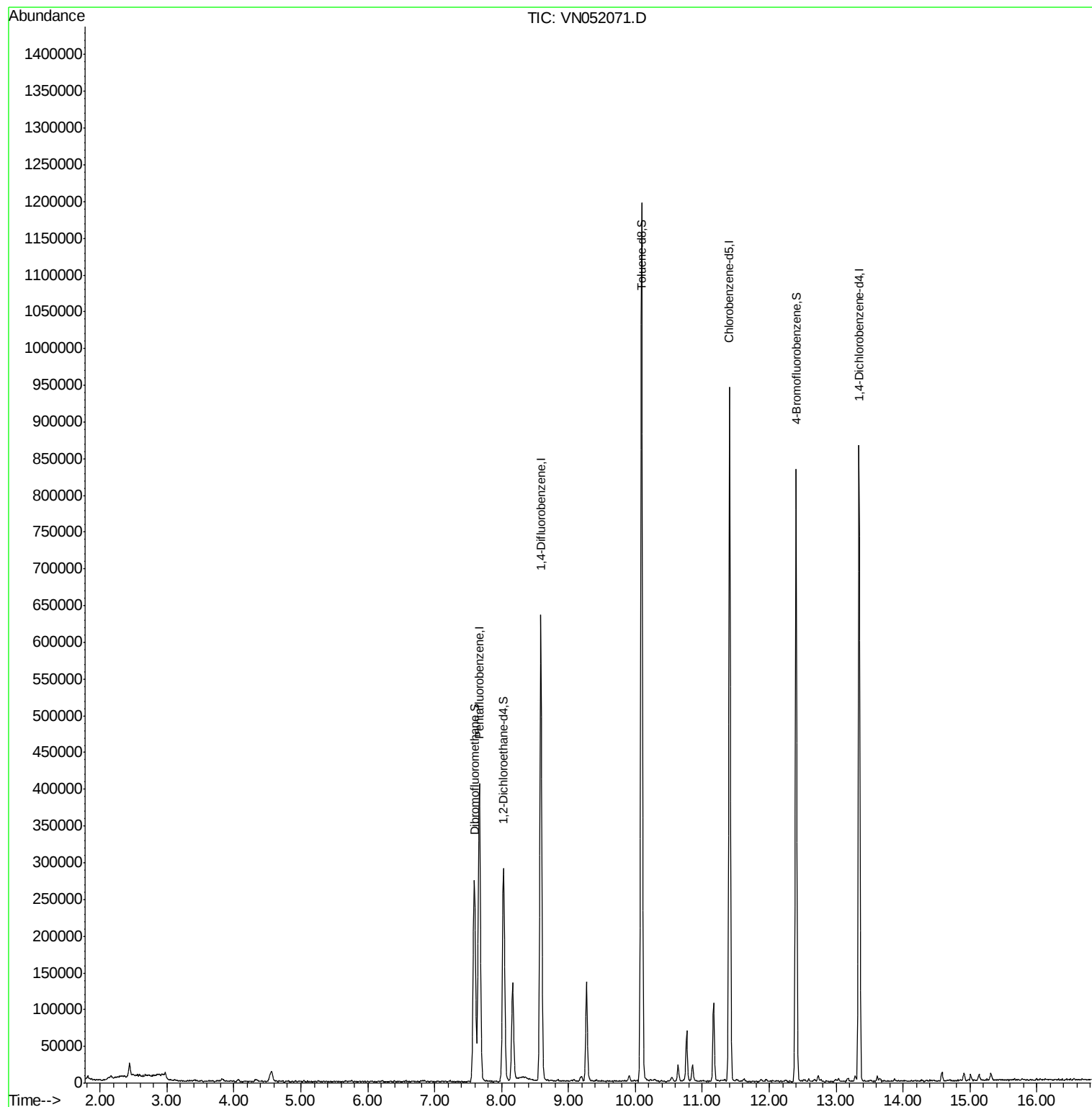
Target Compounds	Qvalue

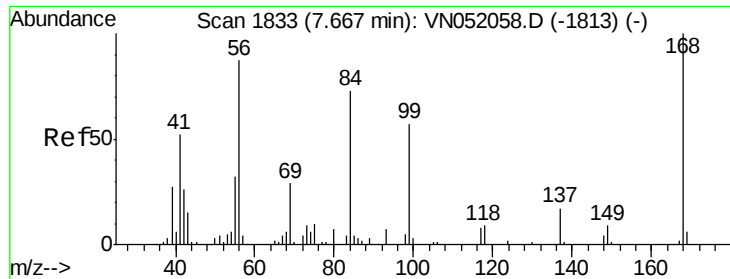
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

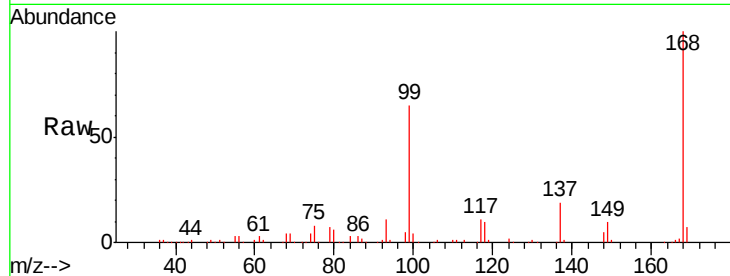
PB114328ZHE#01

Tgt Ion: 168 Resp: 305798

Ion Ratio Lower Upper

168 100

99 65.2 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052058.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN052071.D (-1740) (-)

7.67

150000

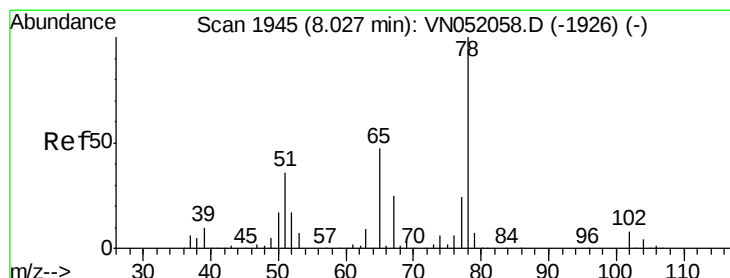
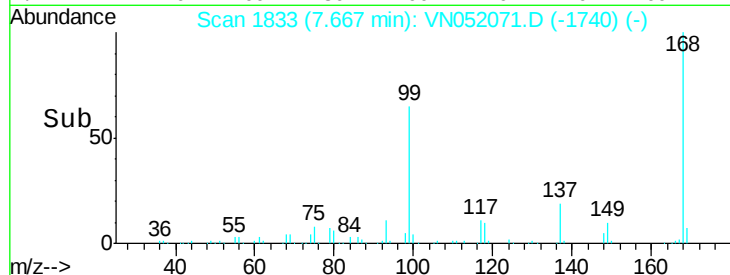
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052071.D

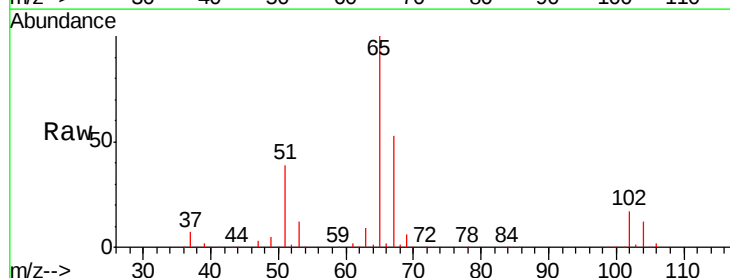
Acq: 31 Oct 2018 14:04

Tgt Ion: 65 Resp: 250262

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052058.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052071.D (-1852) (-)

8.03

120000

100000

80000

60000

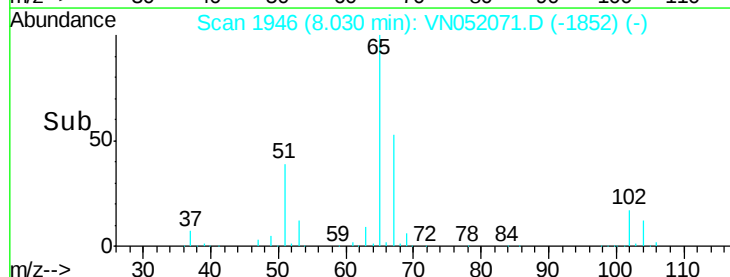
40000

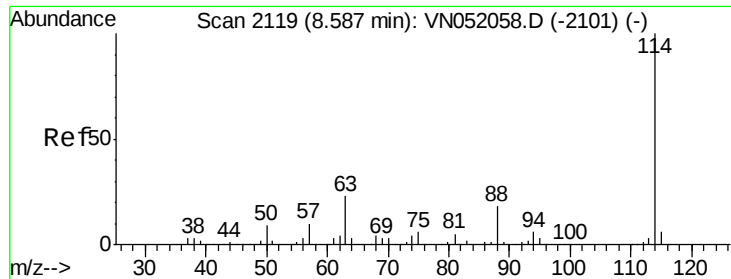
20000

0

Time-->

8.00 8.10

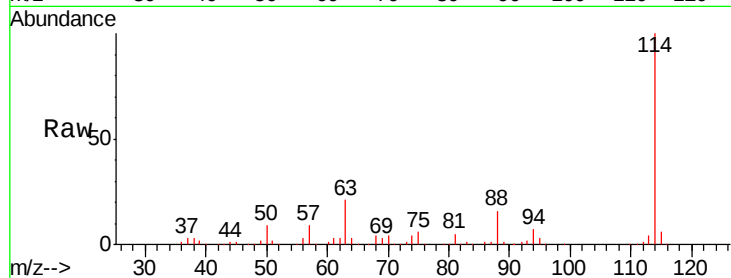




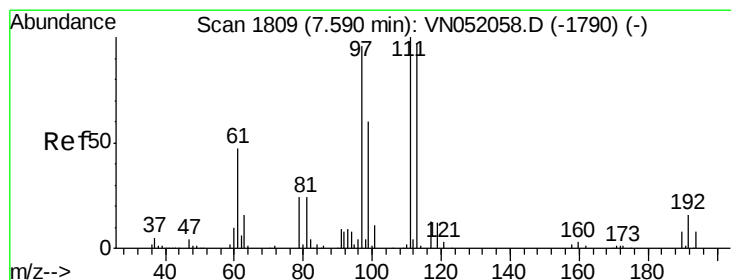
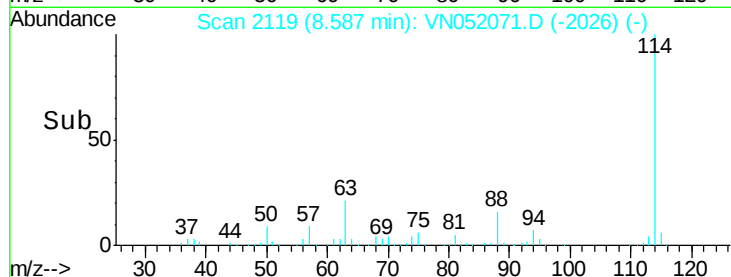
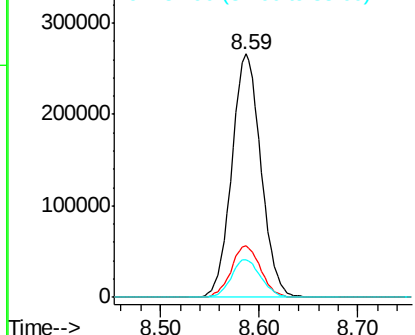
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#01

Tgt Ion:114 Resp: 547793
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 46.0
 88 15.5 0.0 35.4

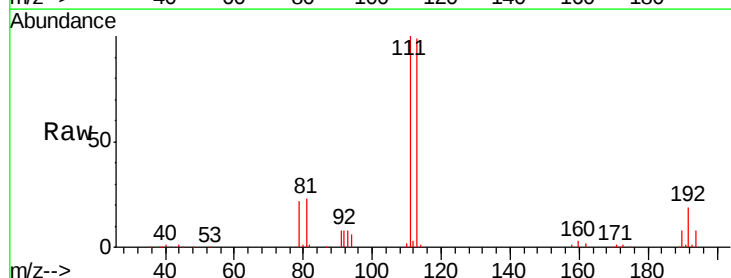


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

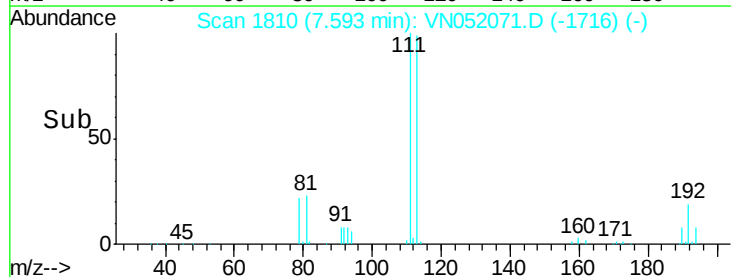
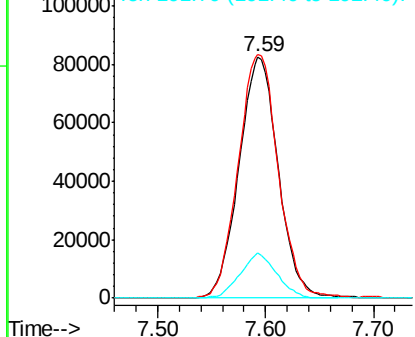


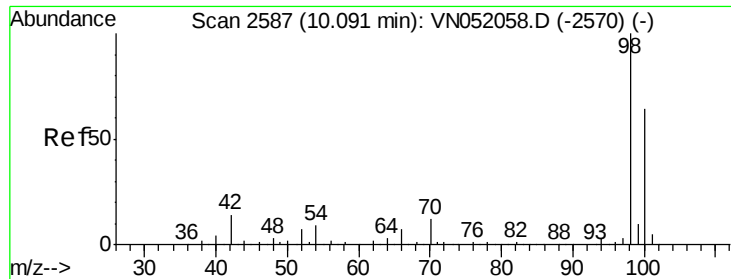
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

Tgt Ion:113 Resp: 208198
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 17.5 12.7 19.1



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

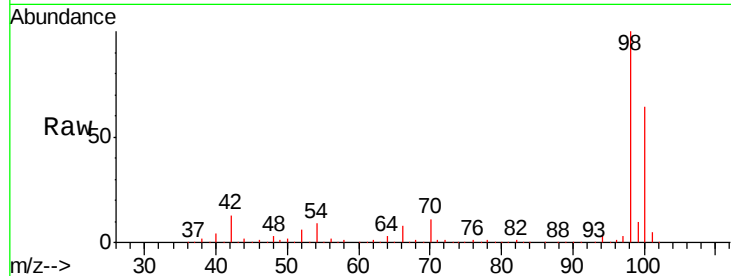
PB114328ZHE#01

Tgt Ion: 98 Resp: 829381

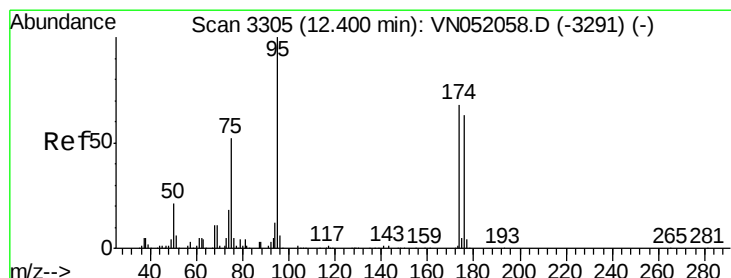
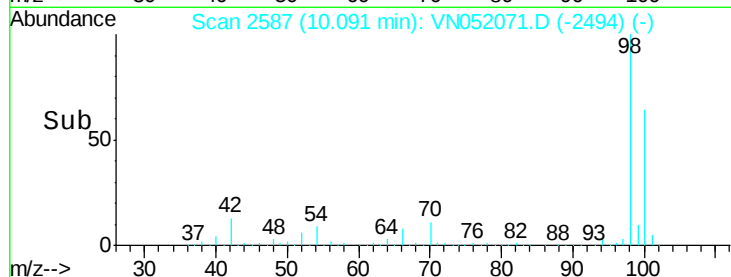
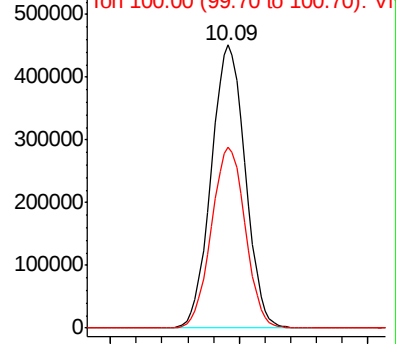
Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052058.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

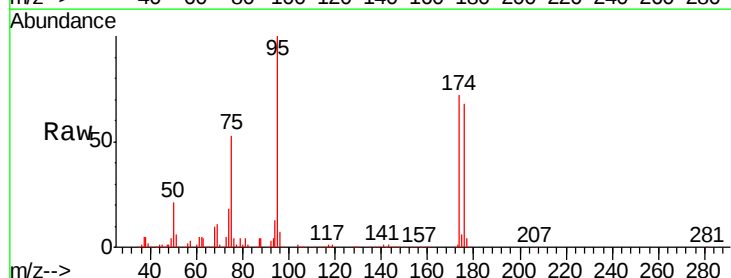
Tgt Ion: 95 Resp: 284287

Ion Ratio Lower Upper

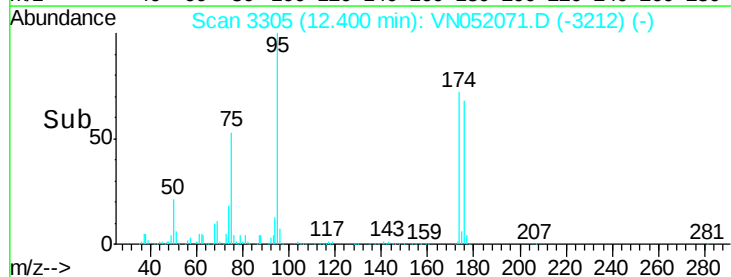
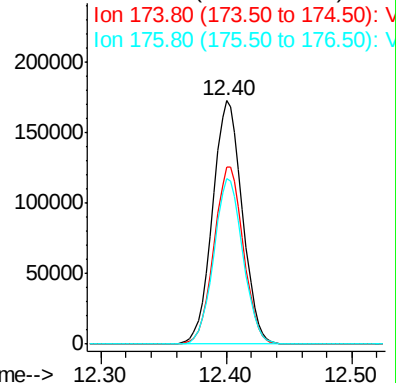
95 100

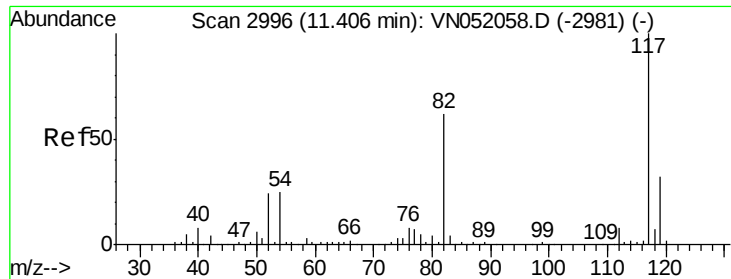
174 72.1 0.0 131.8

176 66.8 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052058.D (-3291) (-)

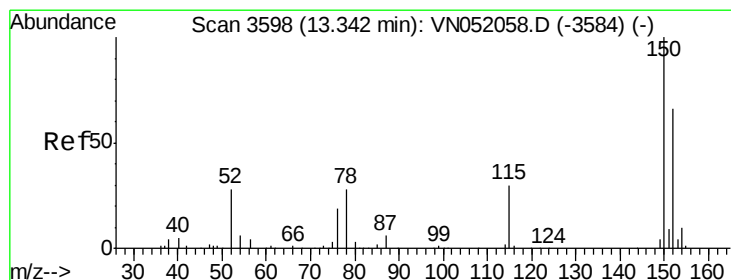
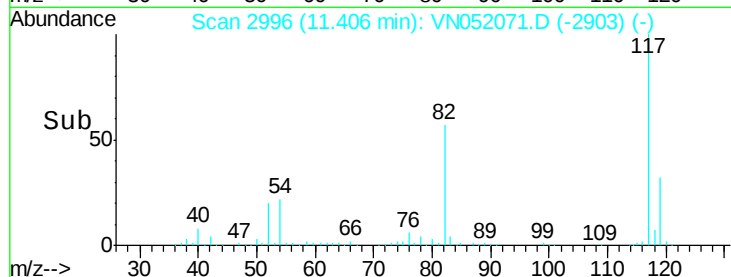
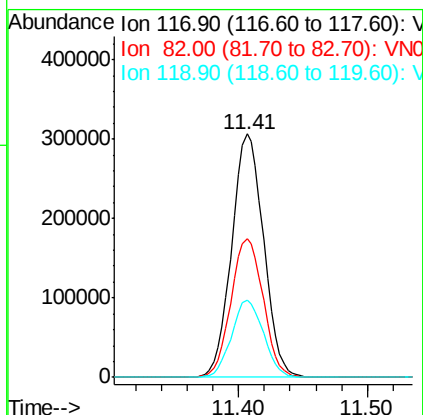
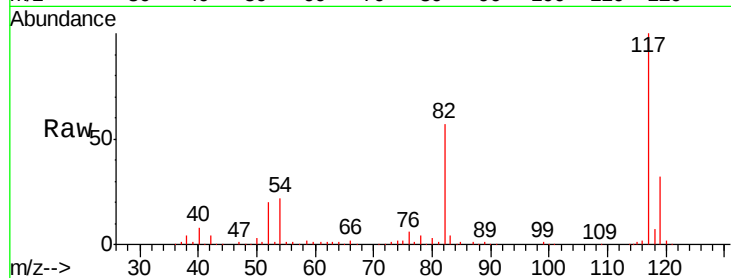




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#01

Tgt Ion:117 Resp: 526356
Ion Ratio Lower Upper
117 100
82 56.7 49.9 74.9
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Tgt Ion:152 Resp: 209675
Ion Ratio Lower Upper
152 100
115 63.2 31.6 95.0
150 157.8 0.0 345.0

