

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052069.D
 Acq On : 31 Oct 2018 13:11
 Operator : MD\SY
 Sample : PB114328TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328TB

Quant Time: Oct 31 14:52:29 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	301280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	558398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208052	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	256932	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.59	113	208116	59.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.16%	
50) Toluene-d8	10.09	98	828163	59.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.62%	
62) 4-Bromofluorobenzene	12.40	95	285741	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	

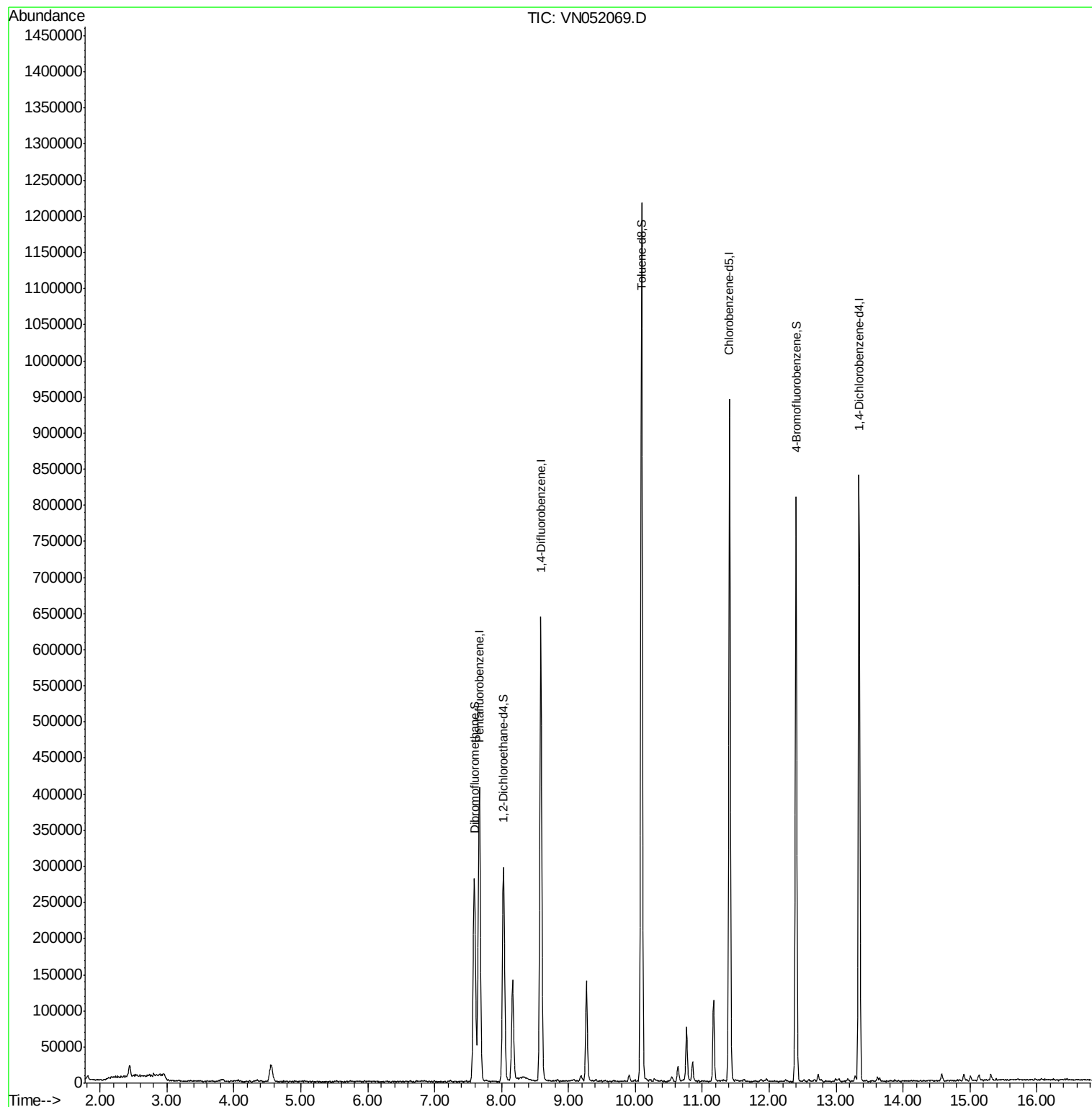
Target Compounds	Qvalue
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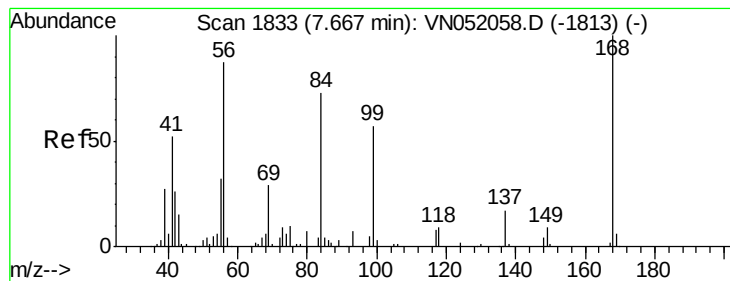
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampleId :

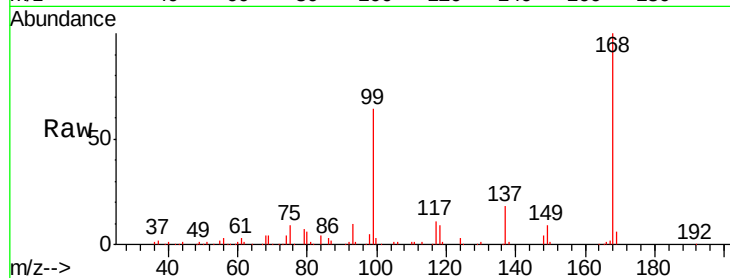
PB114328TB

Tgt Ion:168 Resp: 301280

Ion Ratio Lower Upper

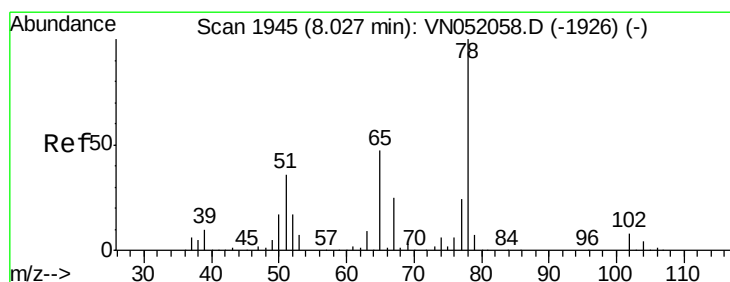
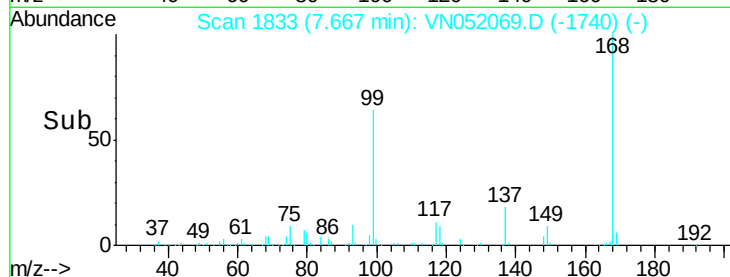
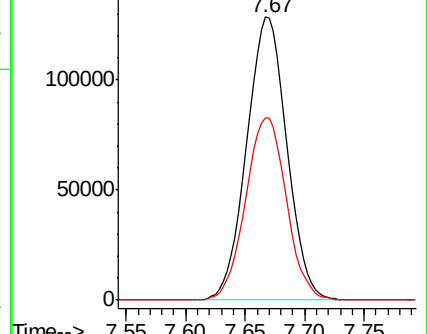
168 100

99 64.4 56.6 85.0



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

Ion 98.90 (98.60 to 99.60): VN052058.D (-1813) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052069.D

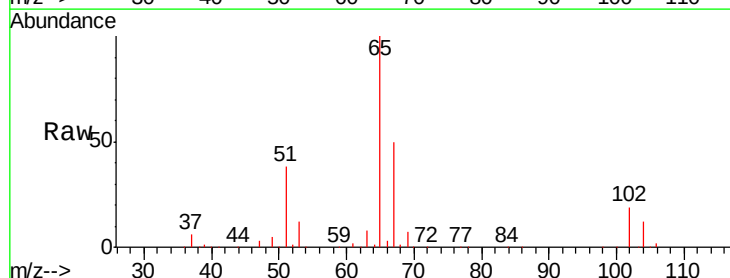
Acq: 31 Oct 2018 13:11

Tgt Ion: 65 Resp: 256932

Ion Ratio Lower Upper

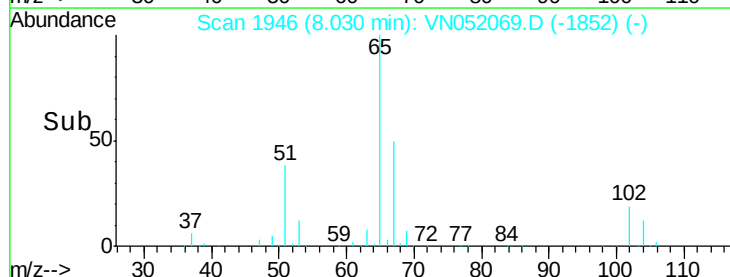
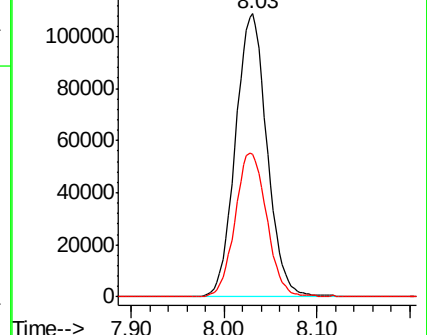
65 100

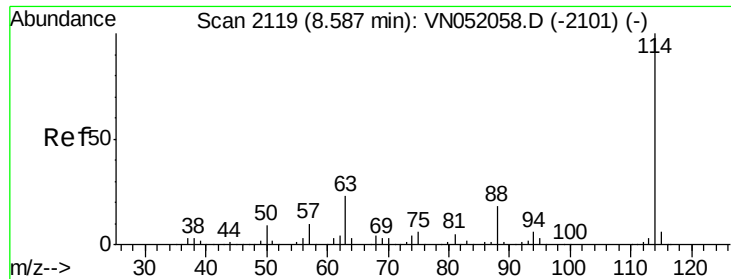
67 50.9 0.0 105.2



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

Ion 66.90 (66.60 to 67.60): VN052058.D (-1926) (-)

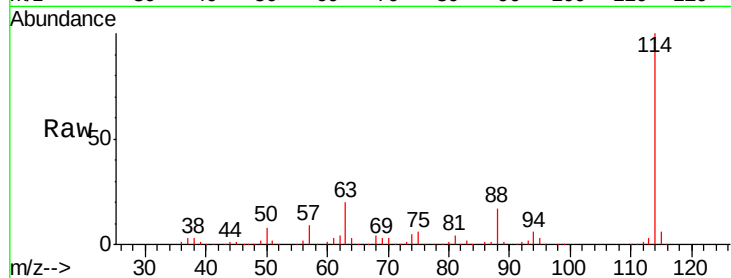




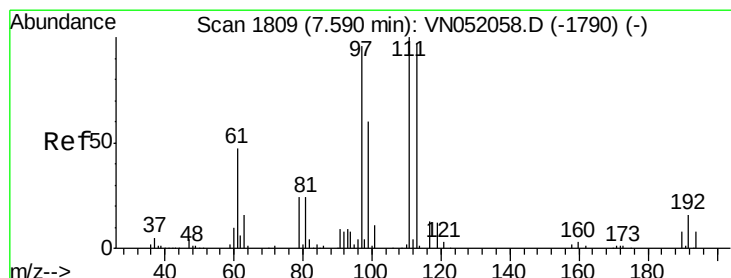
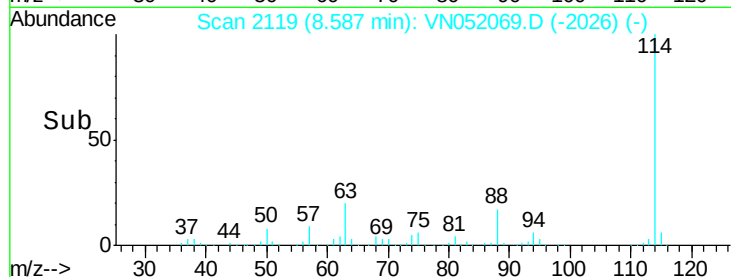
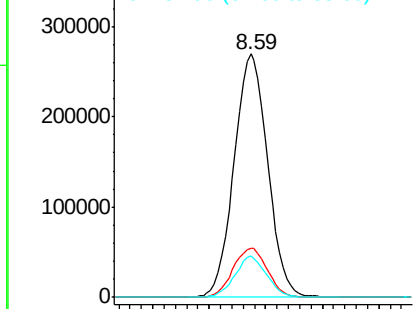
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328TB

Tgt Ion:114 Resp: 558398
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 46.0
 88 16.8 0.0 35.4

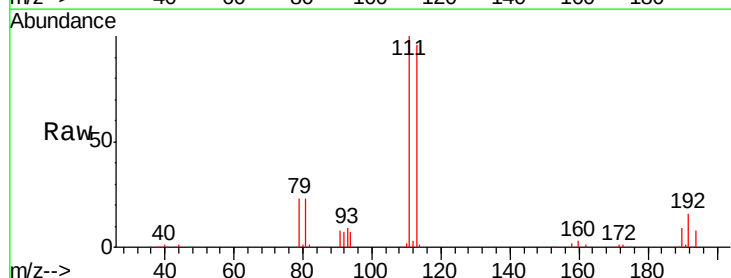


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

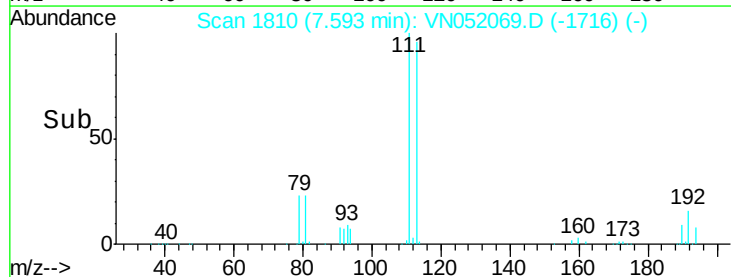
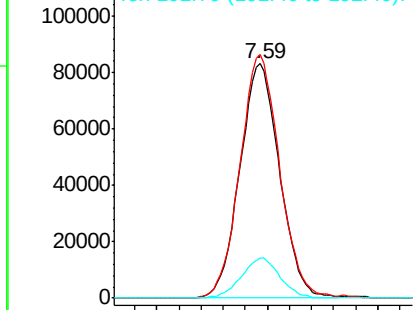


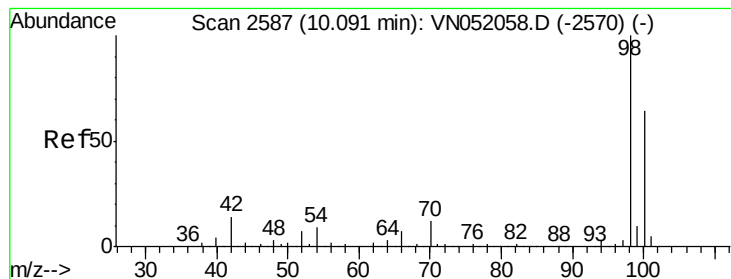
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Tgt Ion:113 Resp: 208116
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 16.6 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: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

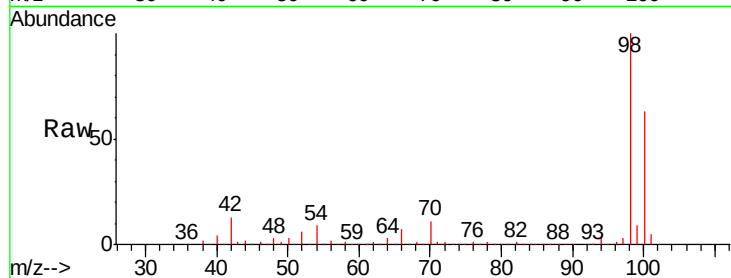
PB114328TB

Tgt Ion: 98 Resp: 828163

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.2



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

Ion 100.00 (99.70 to 100.70): VN052058.D (-2570) (-)

10.09

400000

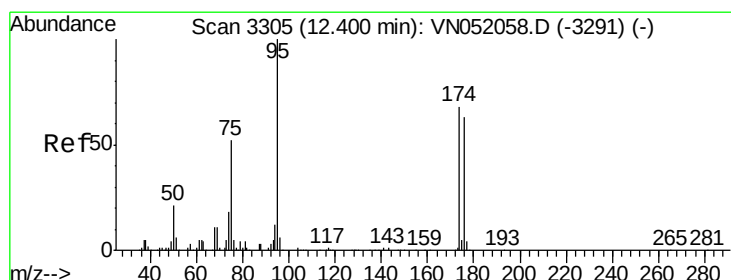
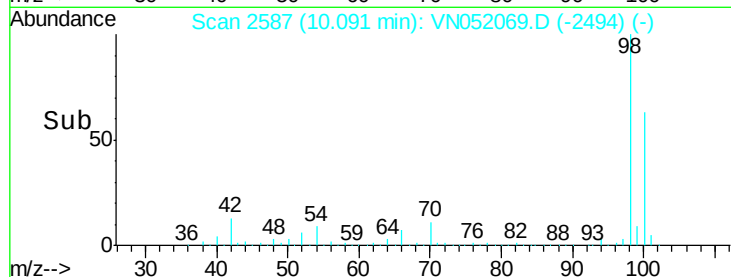
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

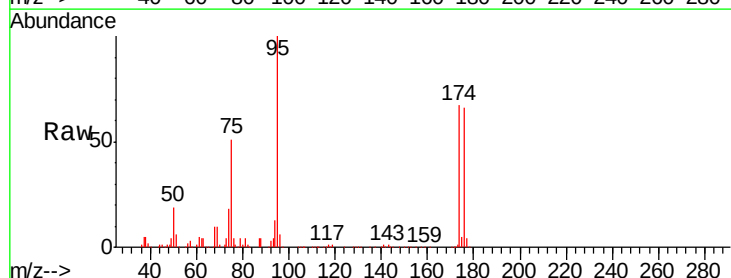
Tgt Ion: 95 Resp: 285741

Ion Ratio Lower Upper

95 100

174 68.7 0.0 131.8

176 66.5 0.0 126.0



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

Ion 173.80 (173.50 to 174.50): VN052058.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052058.D (-3291) (-)

200000

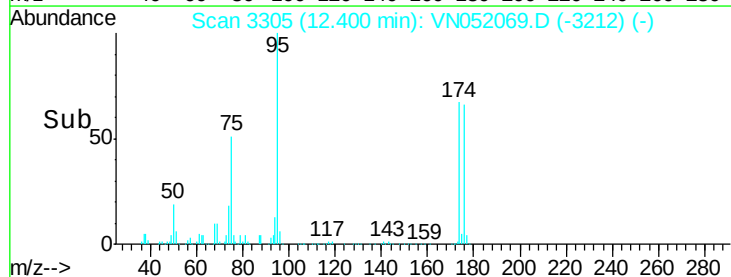
150000

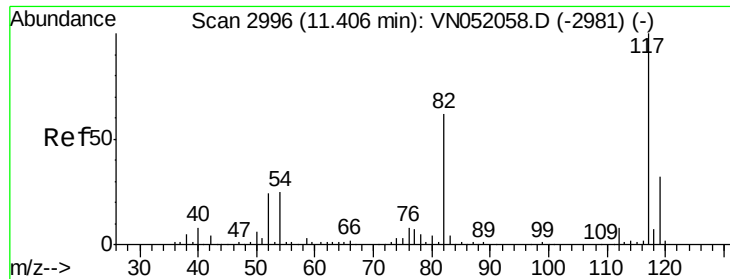
100000

50000

0

Time-->

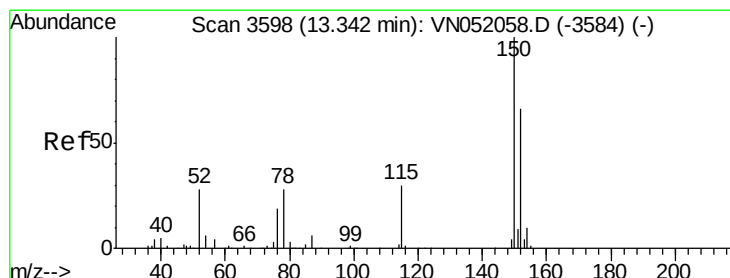
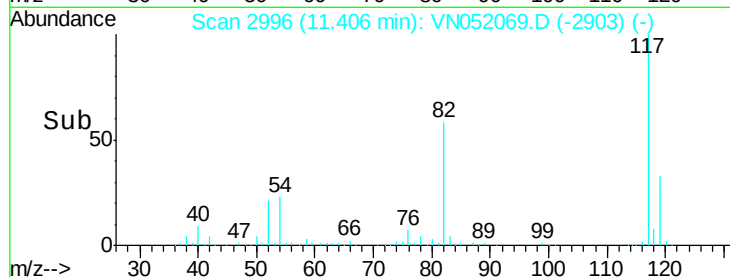
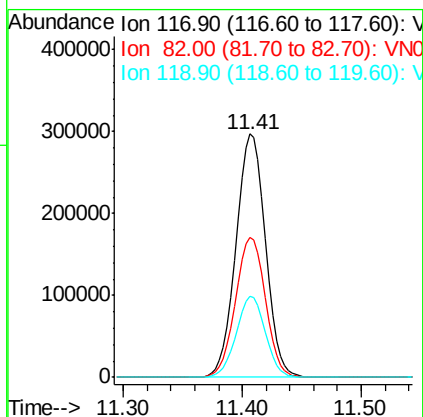
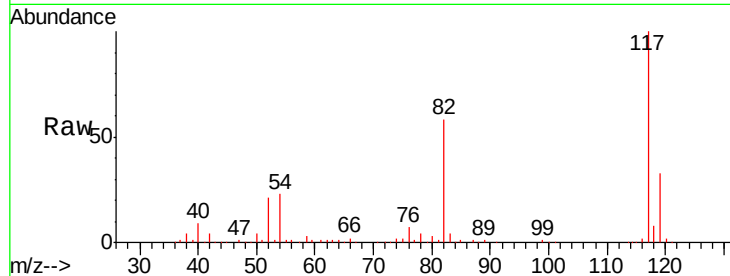




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:117 Resp: 510026
Ion Ratio Lower Upper
117 100
82 57.6 49.9 74.9
119 33.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:152 Resp: 208052
Ion Ratio Lower Upper
152 100
115 61.7 31.6 95.0
150 154.3 0.0 345.0

