

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052208.D
 Acq On : 7 Nov 2018 15:38
 Operator : MD\SY
 Sample : J5844-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-A-B

Quant Time: Nov 08 09:19:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	428903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	710211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196926	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	251658	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.59	113	222872	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.09	98	854593	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	247766	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	

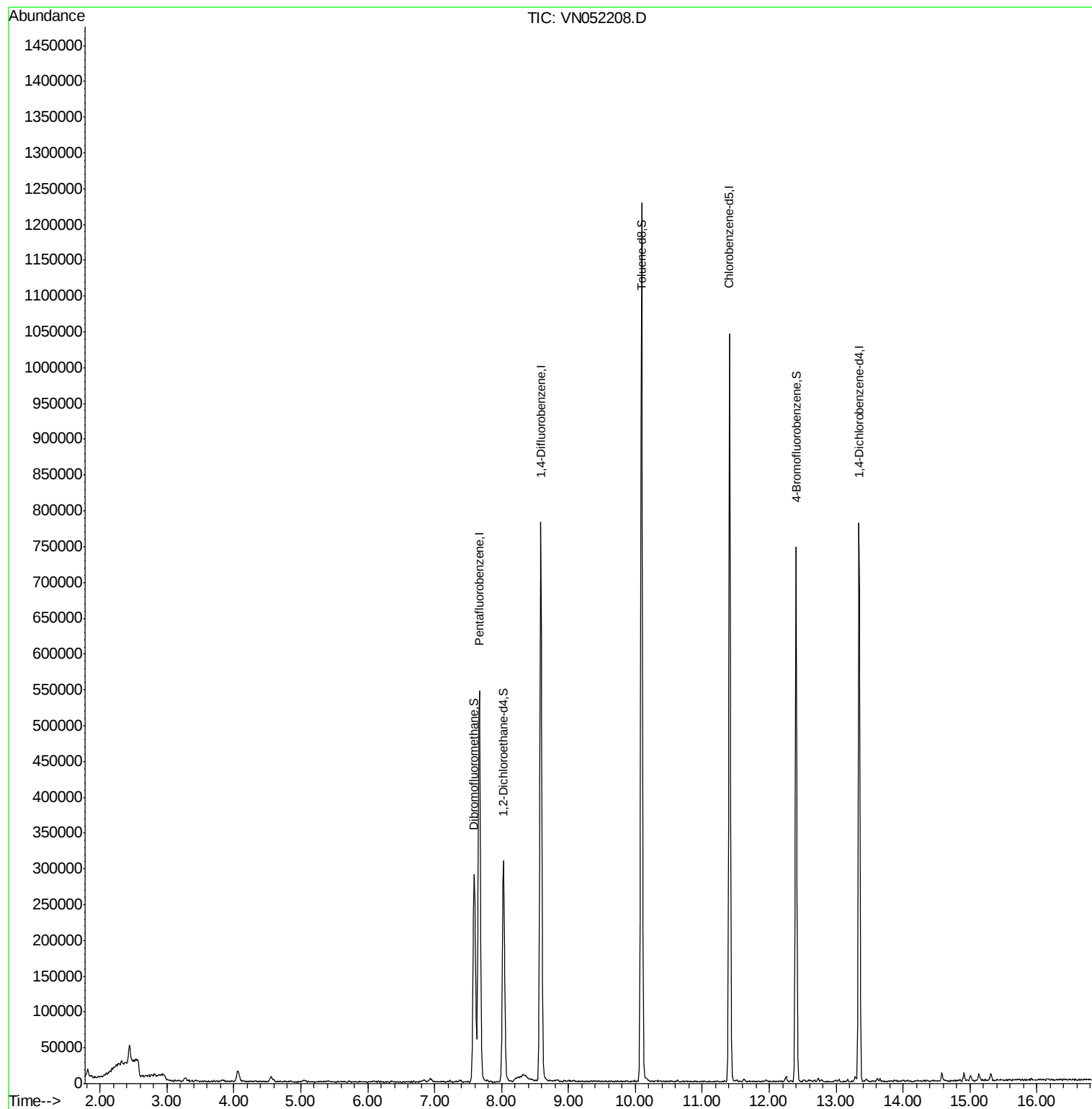
Target Compounds	Qvalue
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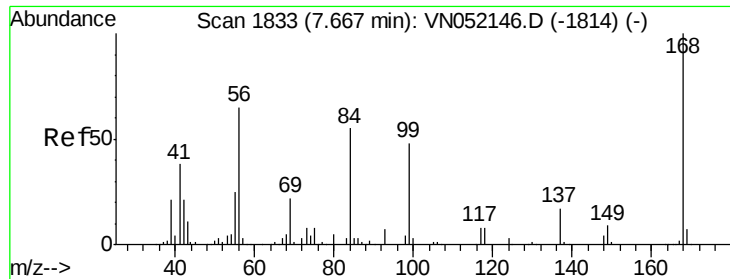
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110718\
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QLast Update : Mon Nov 05 22:32:25 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: VN052208.D

Acq: 7 Nov 2018 15:38

Instrument :

MSVOA_N

ClientSampled :

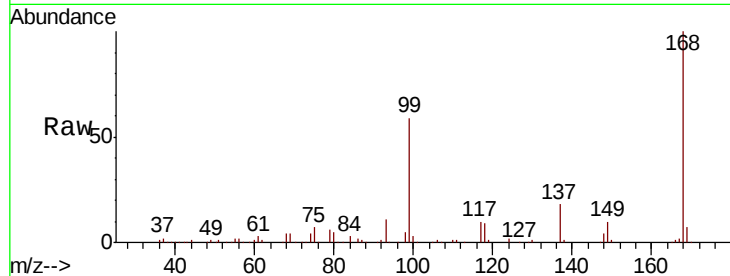
MH-A-B

Tot Ion:168 Resp: 428903

Ion Ratio Lower Upper

168 100

99 58.7 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

200000

150000

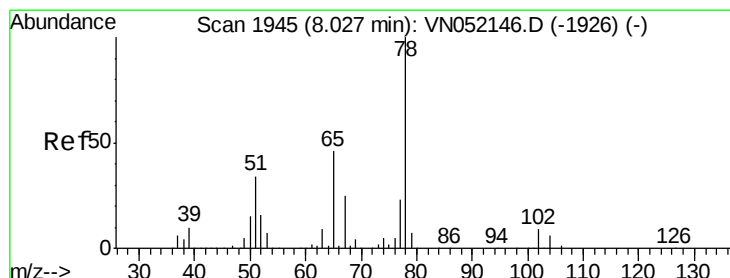
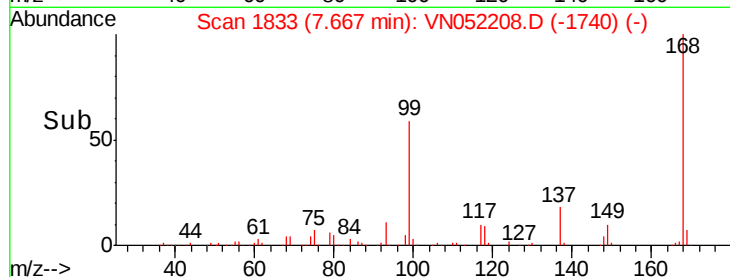
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052208.D

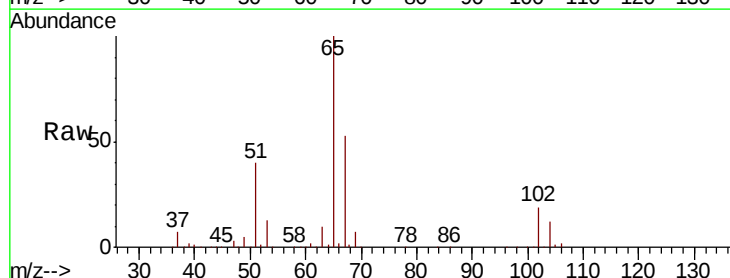
Acq: 7 Nov 2018 15:38

Tgt Ion: 65 Resp: 251658

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

120000

100000

80000

60000

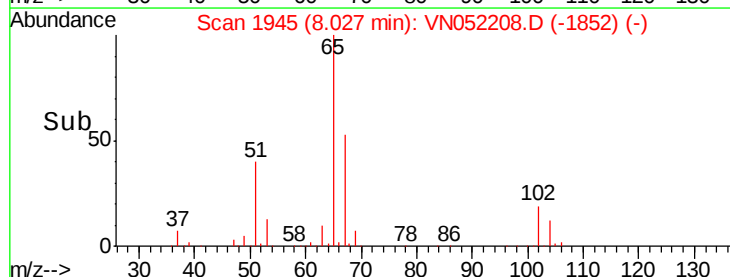
40000

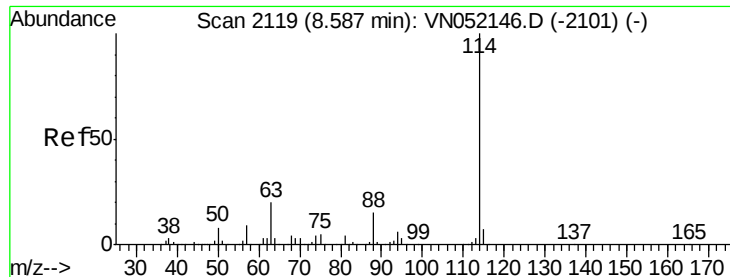
20000

0

7.90 8.00 8.10

Time-->

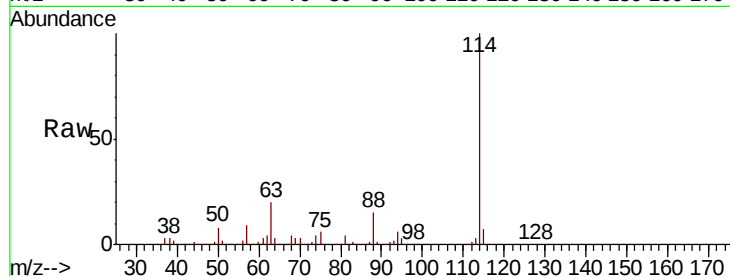




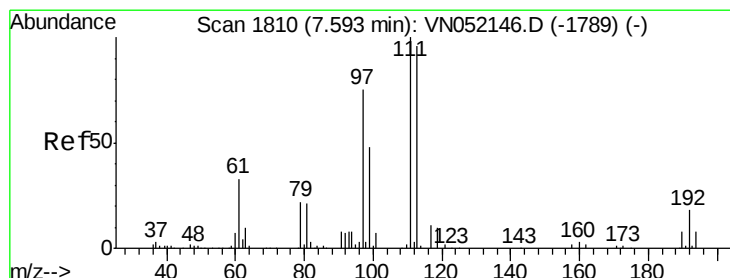
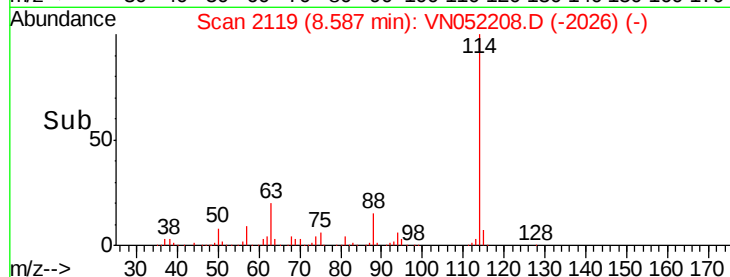
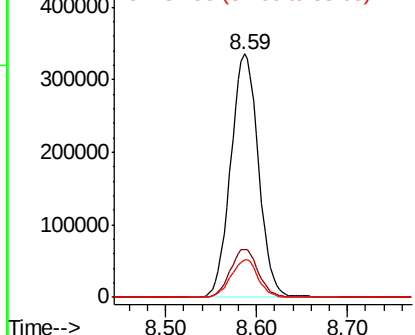
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052208.D
 Acq: 7 Nov 2018 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-A-B

Tot Ion:114 Resp: 710211
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.3 0.0 31.0

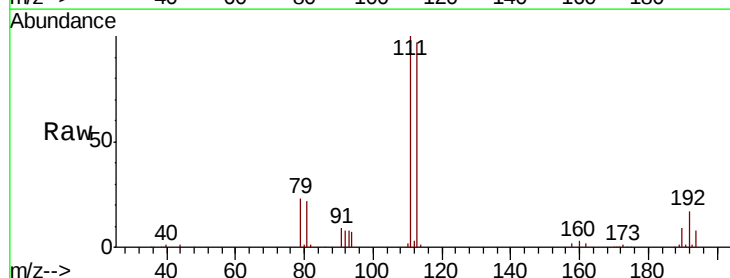


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

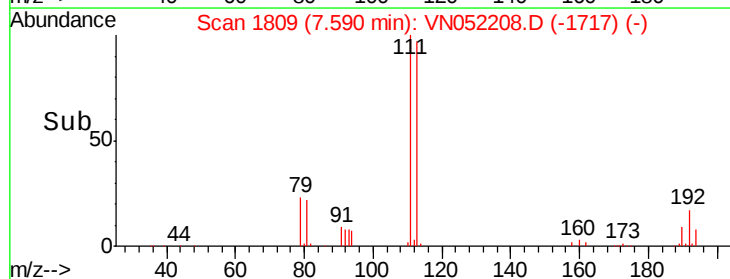
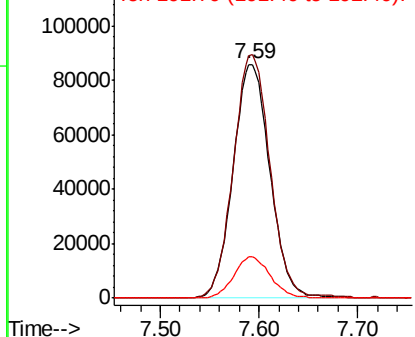


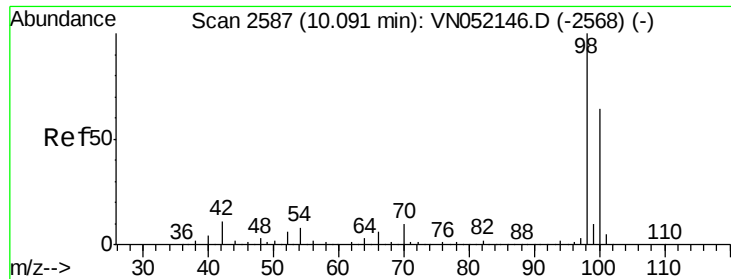
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052208.D
 Acq: 7 Nov 2018 15:38

Tgt Ion:113 Resp: 222872
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 17.5 14.2 21.4



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: VN052208.D

Acq: 7 Nov 2018 15:38

Instrument :

MSVOA_N

ClientSampled :

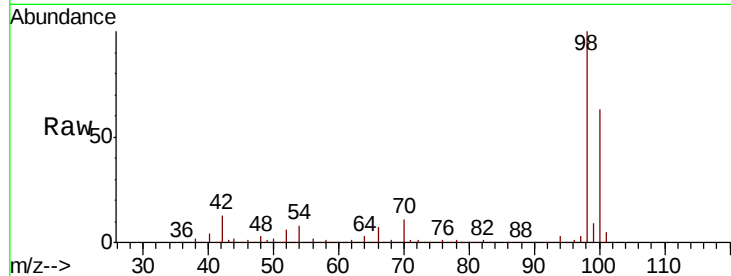
MH-A-B

Tot Ion: 98 Resp: 854593

Ion Ratio Lower Upper

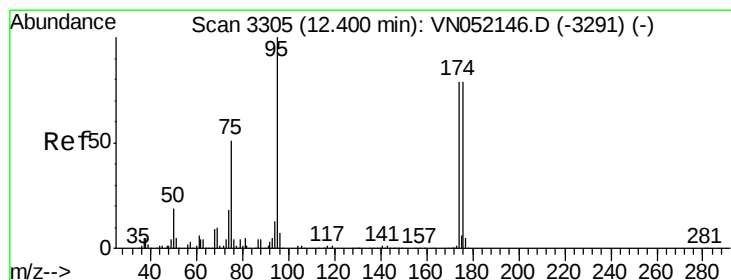
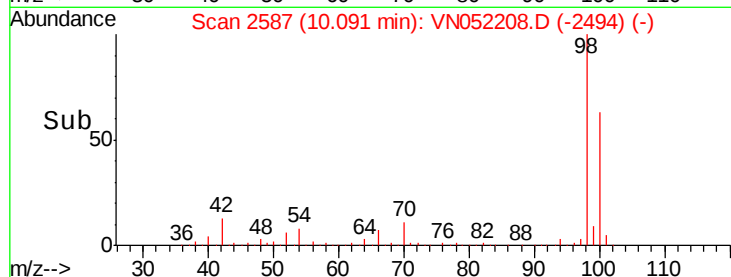
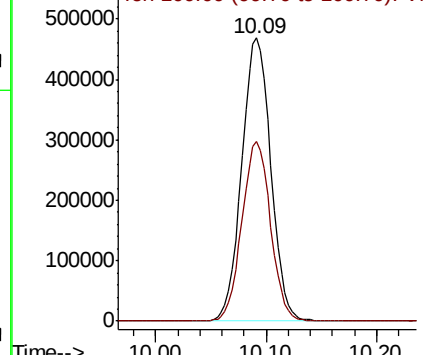
98 100

100 62.7 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052208.D

Acq: 7 Nov 2018 15:38

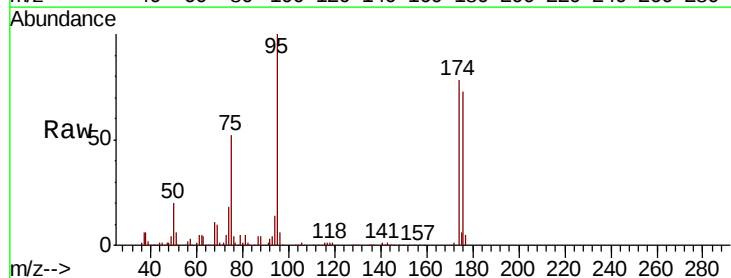
Tgt Ion: 95 Resp: 247766

Ion Ratio Lower Upper

95 100

174 78.8 0.0 162.6

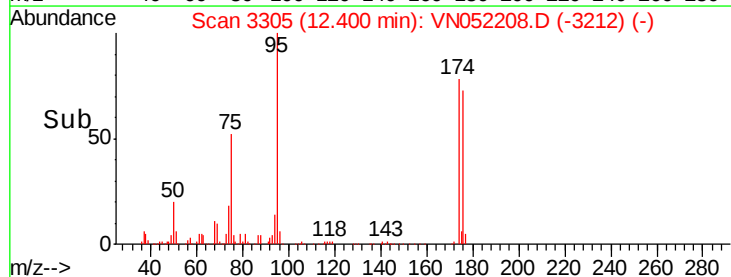
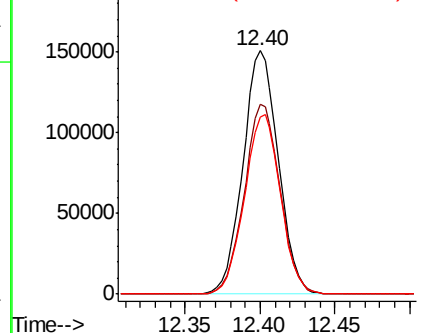
176 75.2 0.0 155.4

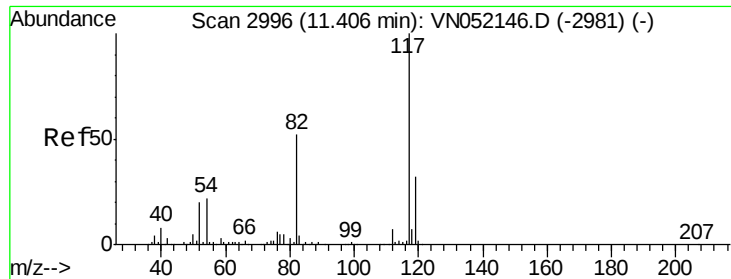


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

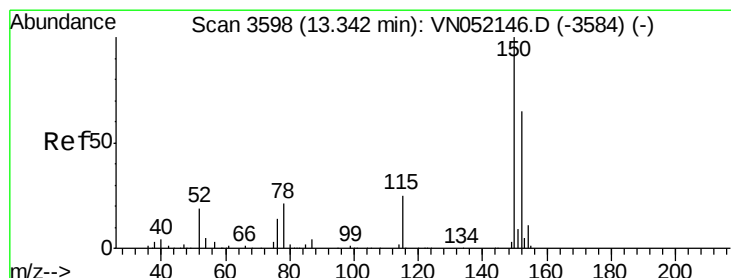
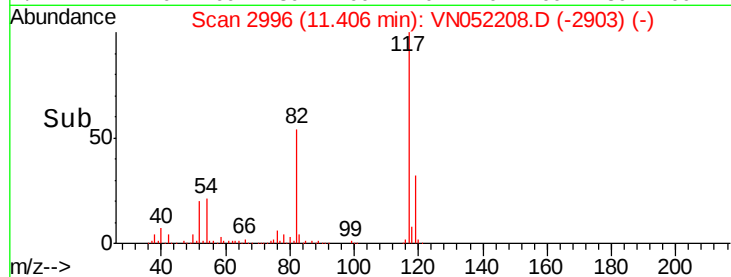
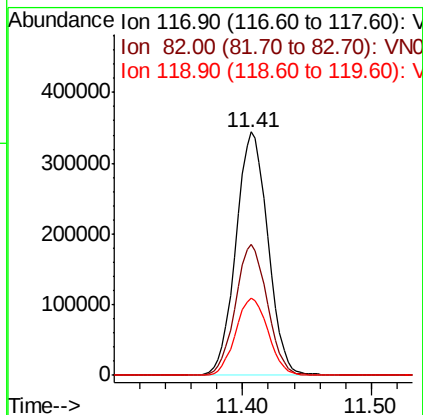
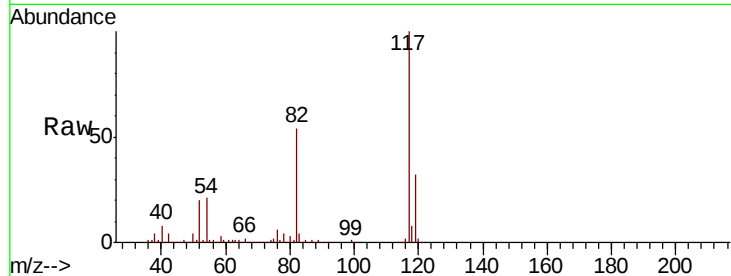




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052208.D
Acq: 7 Nov 2018 15:38

Instrument :
MSVOA_N
ClientSampleId :
MH-A-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.9	62.9
119	31.7	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052208.D
Acq: 7 Nov 2018 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.5	85.5
150	160.9	0.0	348.6

