

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052311.D
 Acq On : 14 Nov 2018 14:26
 Operator : MD\SY
 Sample : VN1114WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBL01

Quant Time: Nov 15 03:35:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	332162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	550082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	250886	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	7.59	113	197968	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	10.09	98	766742	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.40	95	230099	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

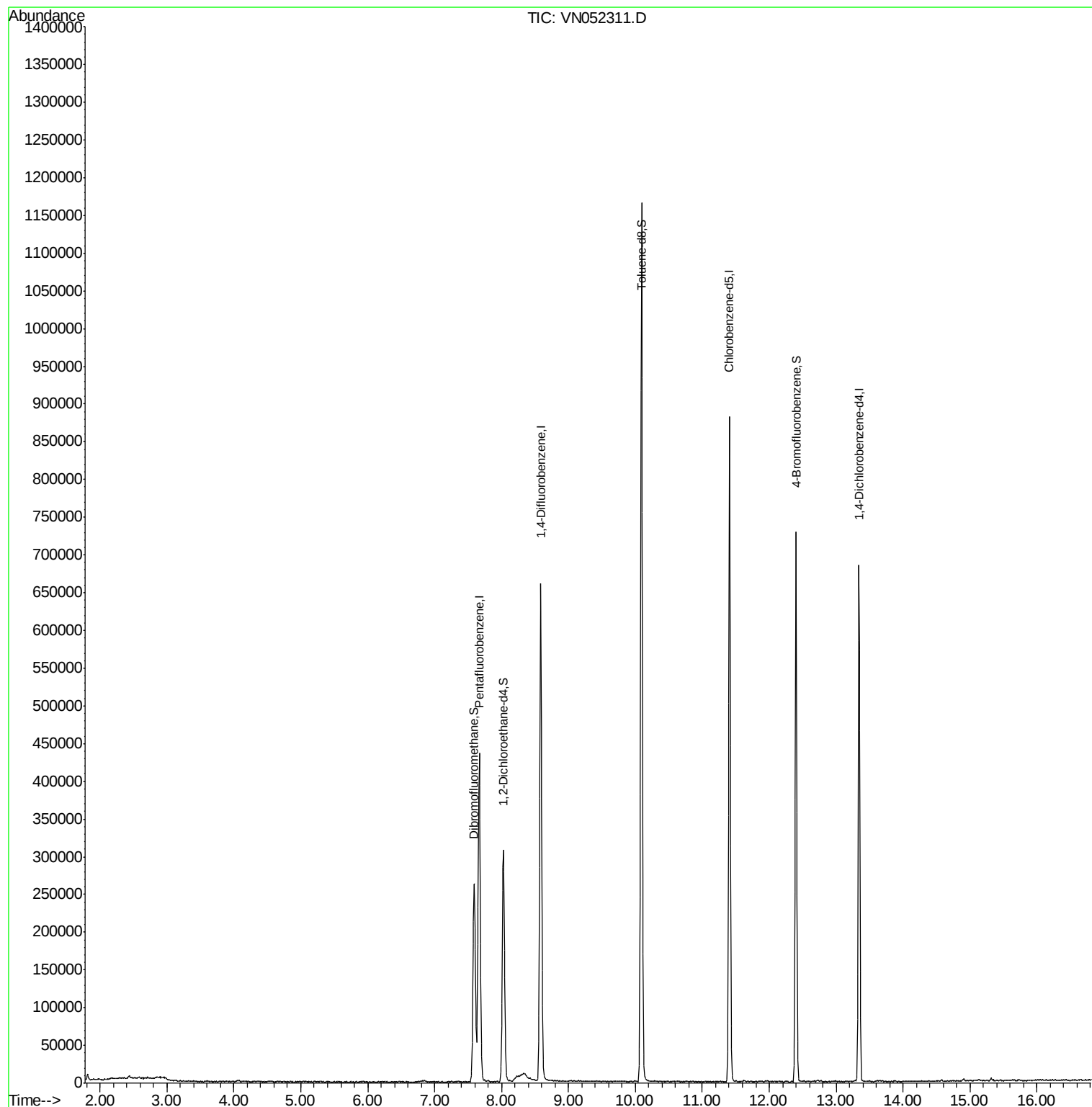
Target Compounds	Qvalue

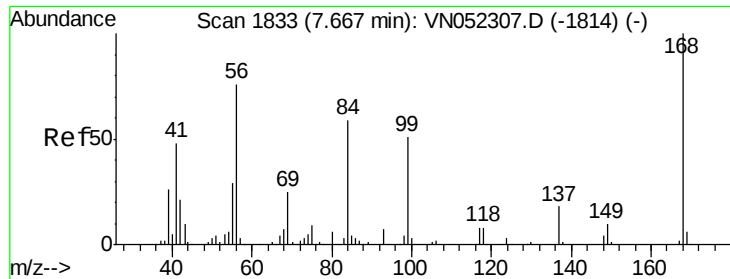
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111418\
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QLast Update : Thu Nov 15 03:02:37 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: VN052311.D

Acq: 14 Nov 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

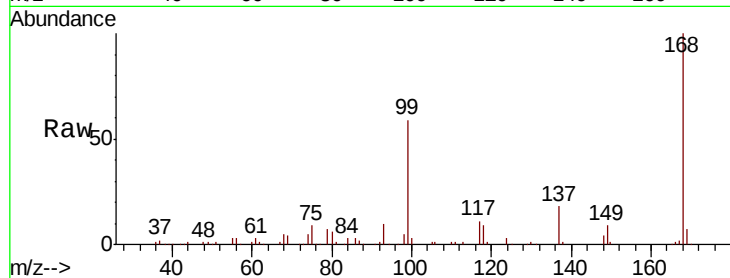
VN1114WBL01

Tot Ion:168 Resp: 332162

Ion Ratio Lower Upper

168 100

99 59.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

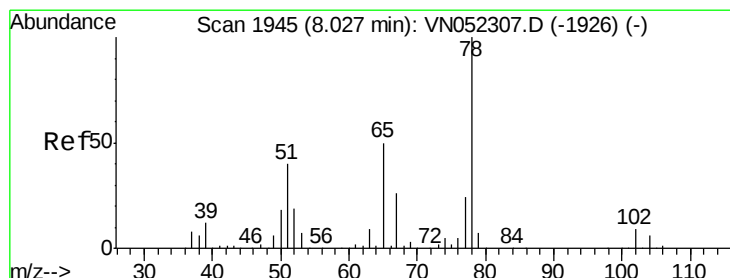
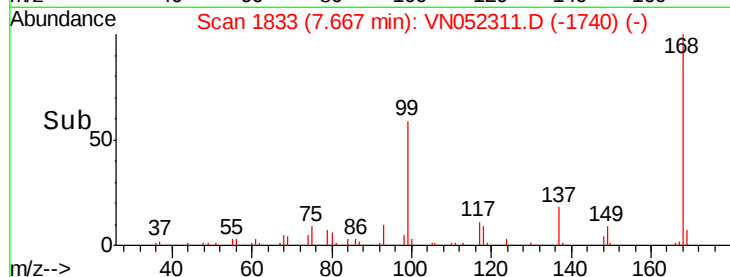
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052311.D

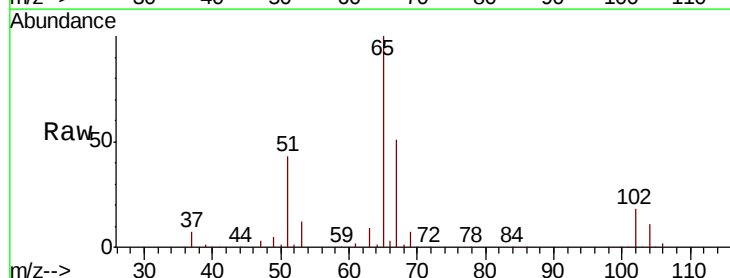
Acq: 14 Nov 2018 14:26

Tgt Ion: 65 Resp: 250886

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

120000

100000

80000

60000

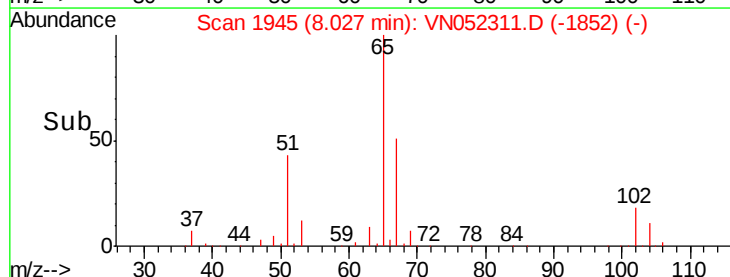
40000

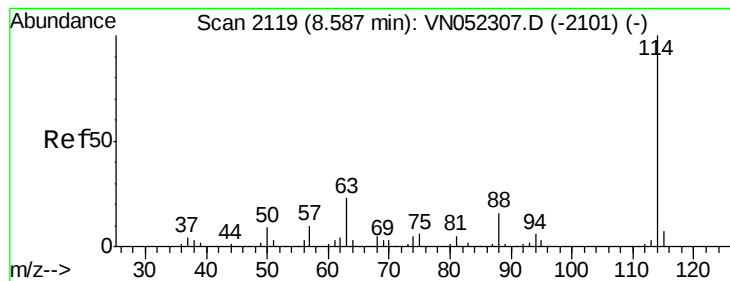
20000

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: VN052311.D

Acq: 14 Nov 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBL01

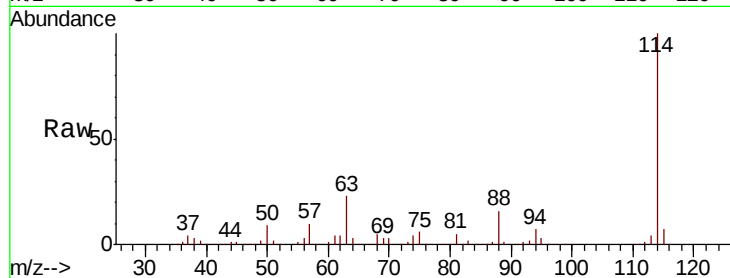
Tot Ion:114 Resp: 550082

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.4

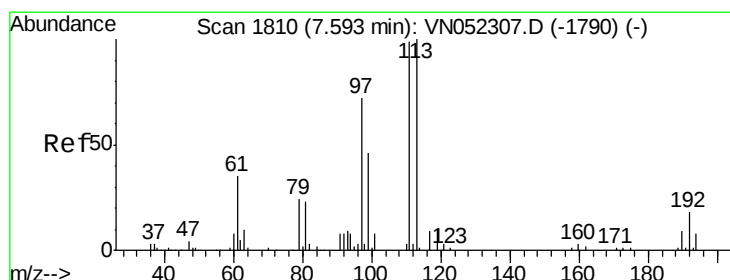
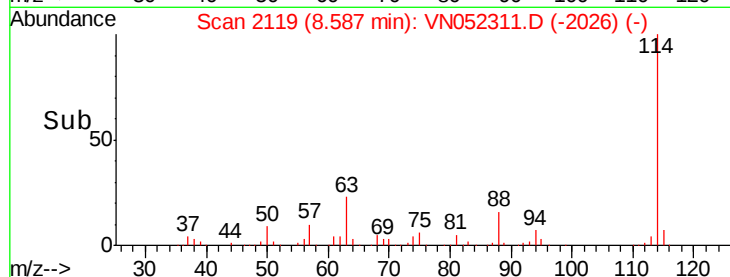
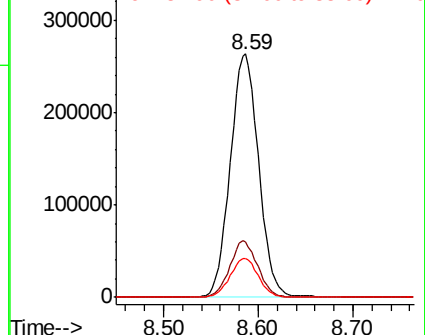
88 16.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052311.D

Acq: 14 Nov 2018 14:26

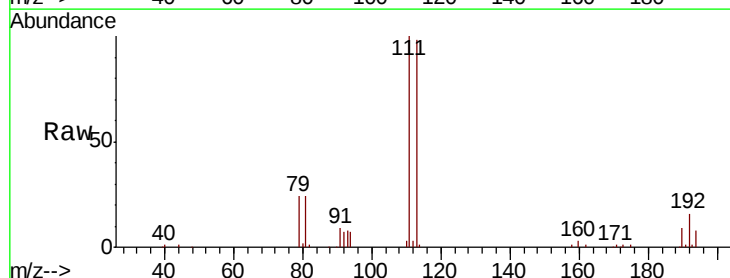
Tgt Ion:113 Resp: 197968

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.6

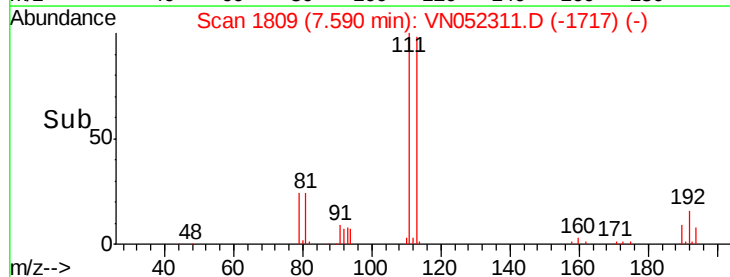
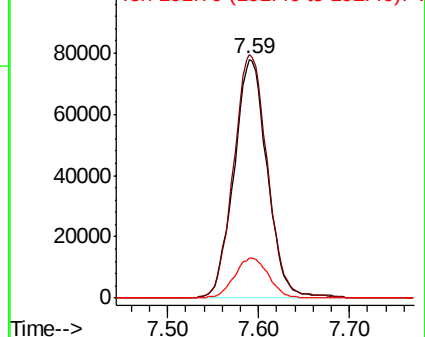
192 17.2 13.8 20.6

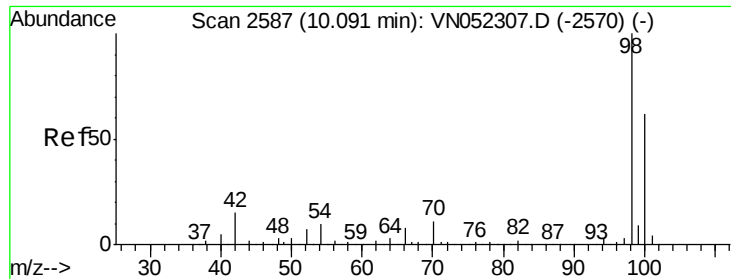


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052311.D

Acq: 14 Nov 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

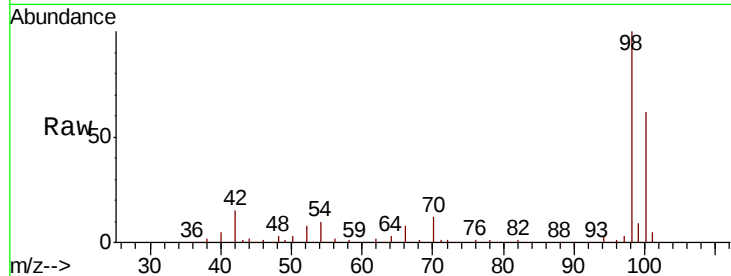
VN1114WBL01

Tot Ion: 98 Resp: 766742

Ion Ratio Lower Upper

98 100

100 62.7 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

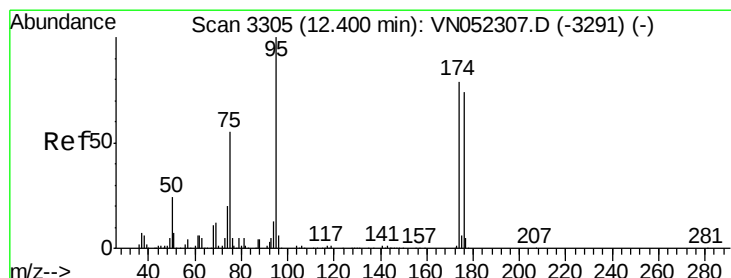
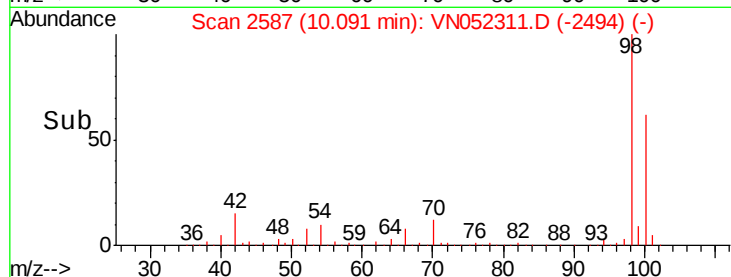
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052311.D

Acq: 14 Nov 2018 14:26

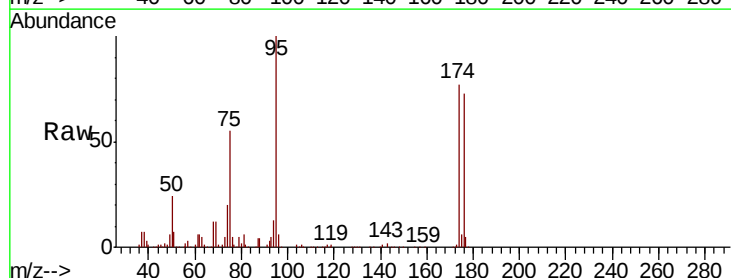
Tgt Ion: 95 Resp: 230099

Ion Ratio Lower Upper

95 100

174 76.6 0.0 156.0

176 74.2 0.0 148.4



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

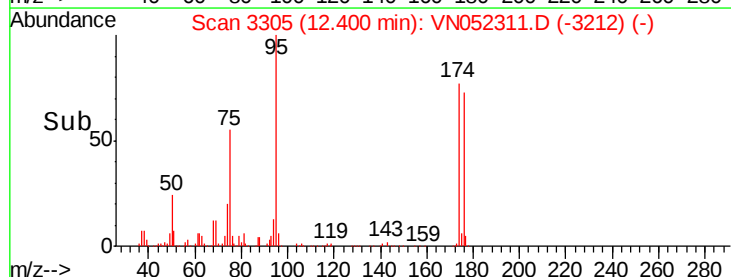
150000

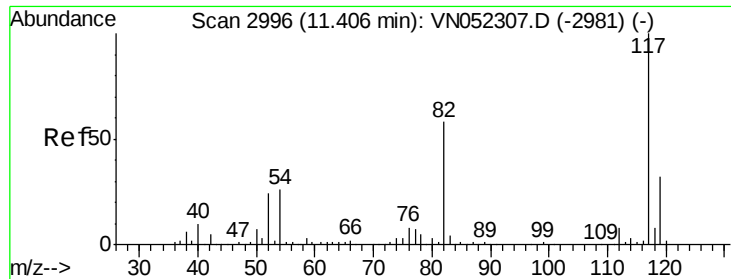
100000

50000

0

Time-->

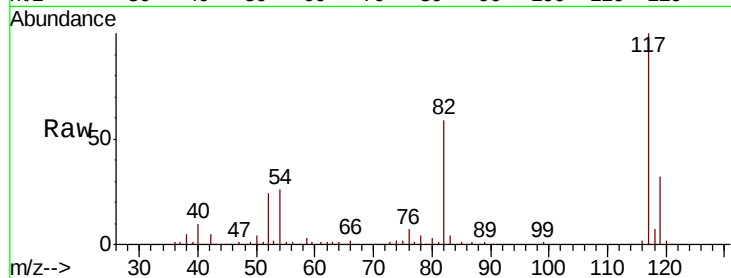




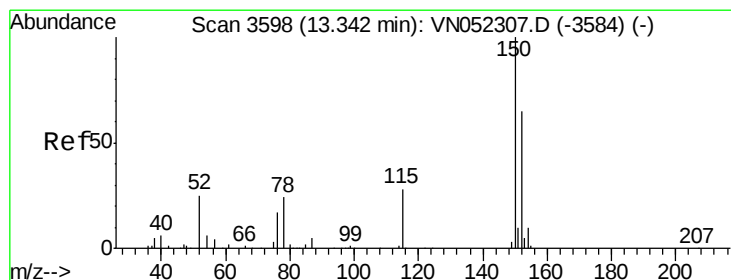
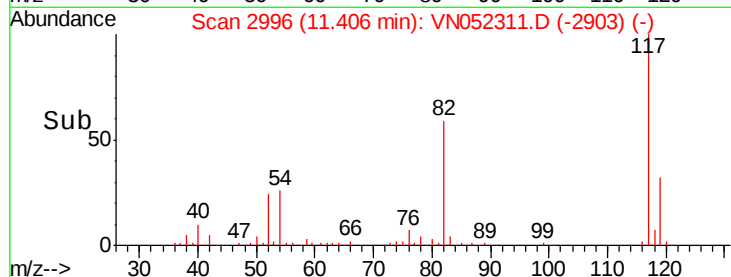
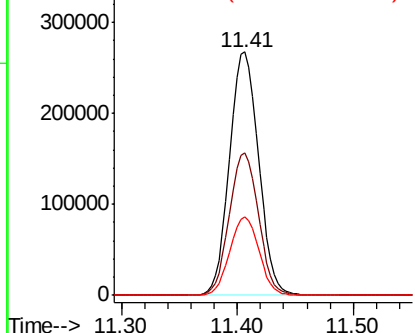
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052311.D
Acq: 14 Nov 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

Tot Ion:117 Resp: 463905
Ion Ratio Lower Upper
117 100
82 58.5 46.5 69.7
119 32.1 25.7 38.5

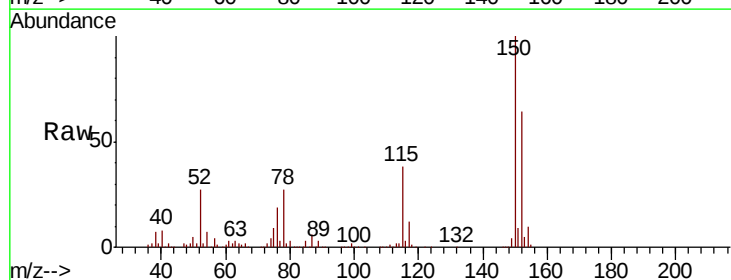


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052311.D
Acq: 14 Nov 2018 14:26

Tgt Ion:152 Resp: 167272
Ion Ratio Lower Upper
152 100
115 59.9 30.3 91.0
150 156.1 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

