

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
 Data File : VN052103.D
 Acq On : 1 Nov 2018 15:14
 Operator : MD\SY
 Sample : VN1101WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBL02

Quant Time: Nov 02 07:13:08 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	305945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	571612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	530385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214933	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	257892	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
35) Dibromofluoromethane	7.59	113	214743	60.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.10%	
50) Toluene-d8	10.09	98	842816	58.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.94%	
62) 4-Bromofluorobenzene	12.40	95	282451	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	

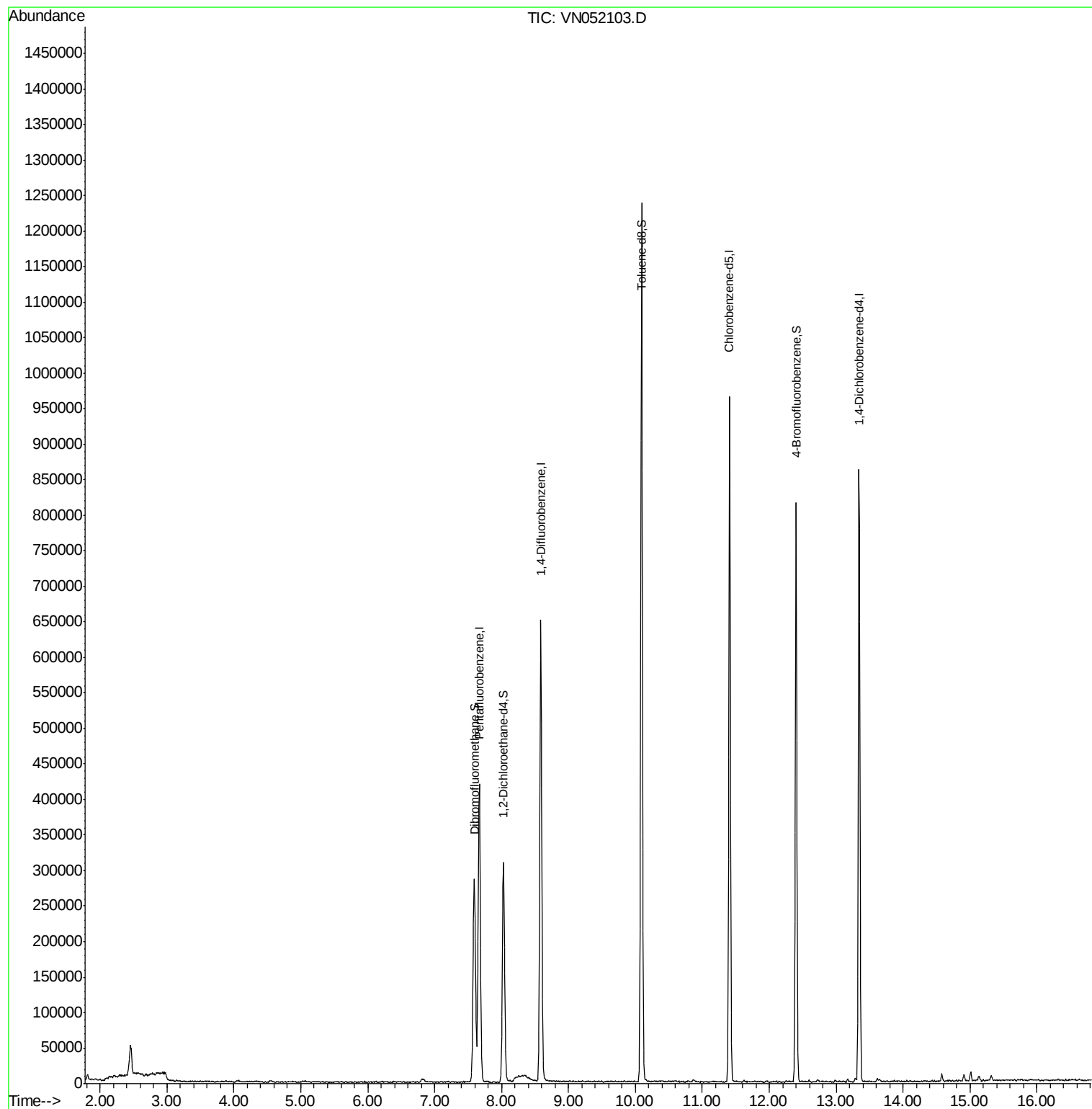
Target Compounds	Qvalue
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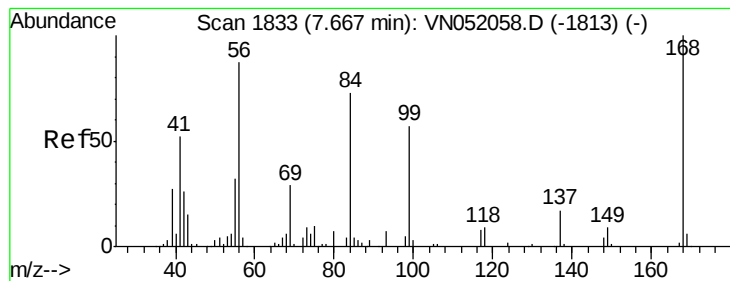
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052103.D

Acq: 1 Nov 2018 15:14

Instrument :

MSVOA_N

ClientSampled :

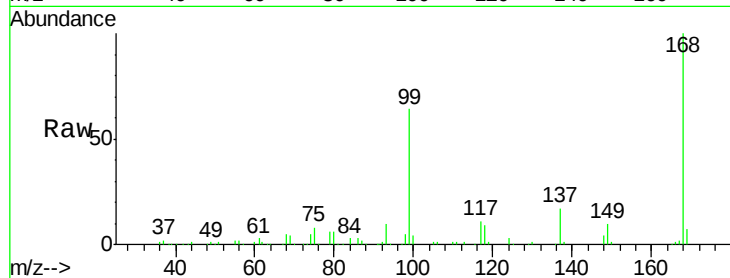
VN1101WBL02

Tgt Ion:168 Resp: 305945

Ion Ratio Lower Upper

168 100

99 64.5 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052103.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052103.D (-1740) (-)

7.67

150000

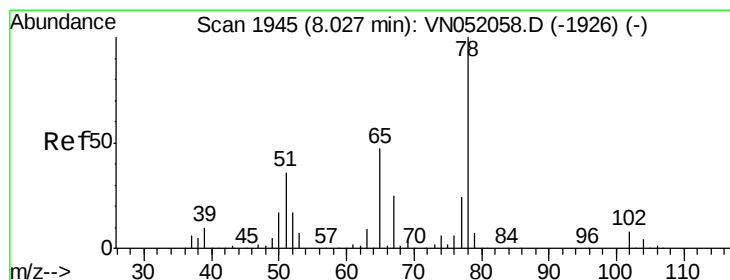
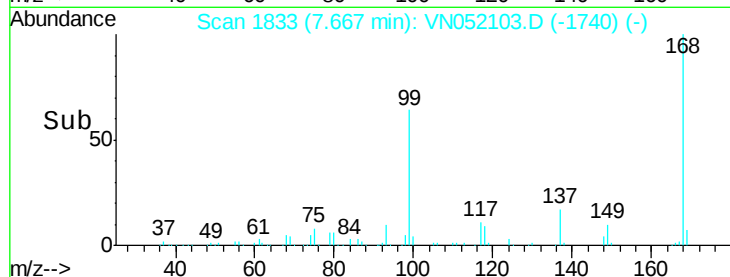
100000

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: VN052103.D

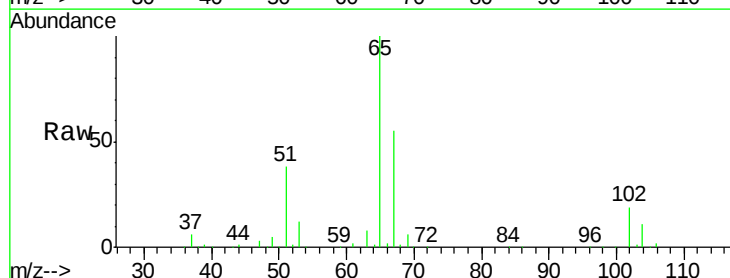
Acq: 1 Nov 2018 15:14

Tgt Ion: 65 Resp: 257892

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052103.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052103.D (-1852) (-)

8.03

120000

100000

80000

60000

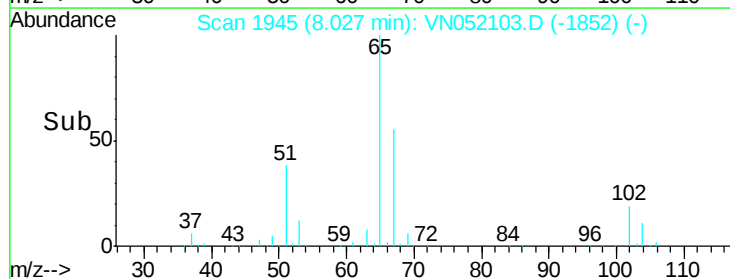
40000

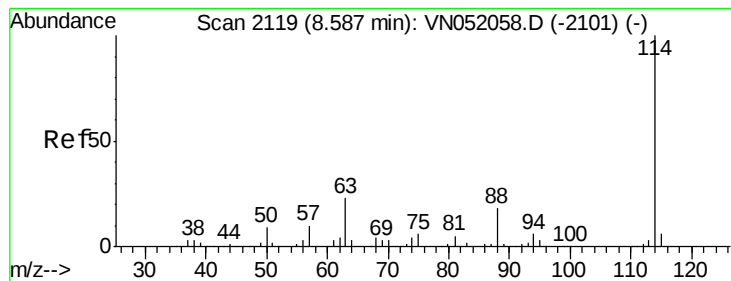
20000

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: VN052103.D

Acq: 1 Nov 2018 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBL02

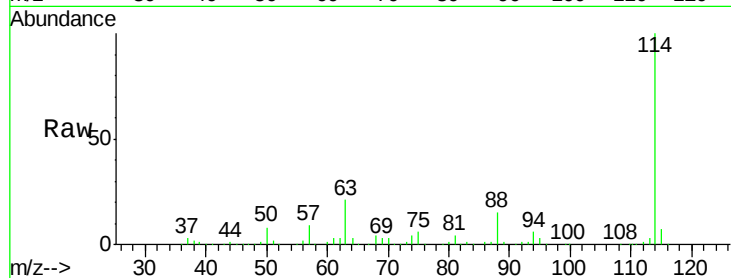
Tgt Ion:114 Resp: 571612

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.0

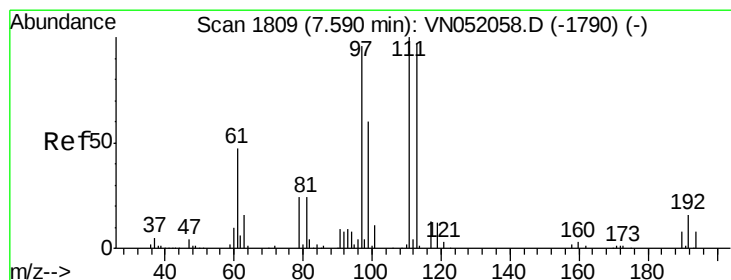
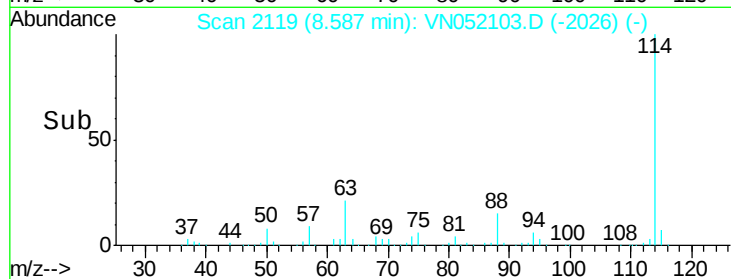
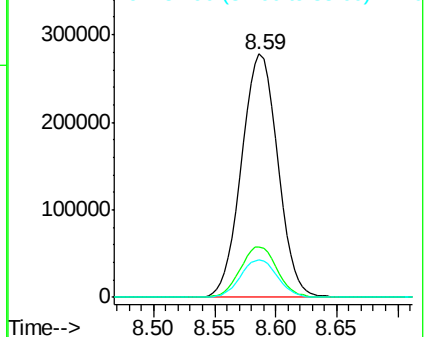
88 15.5 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): 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: VN052103.D

Acq: 1 Nov 2018 15:14

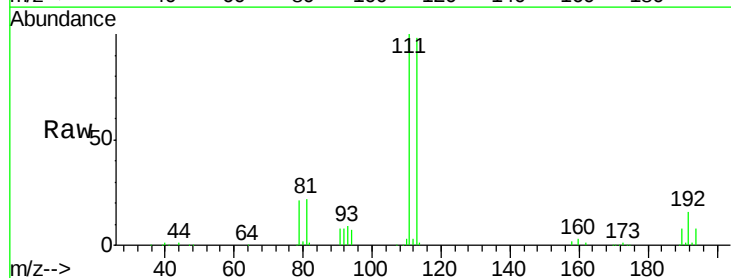
Tgt Ion:113 Resp: 214743

Ion Ratio Lower Upper

113 100

111 104.6 83.1 124.7

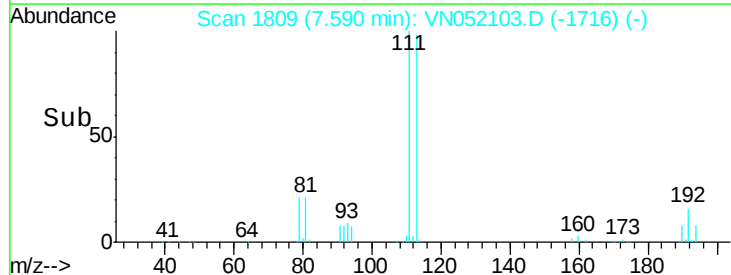
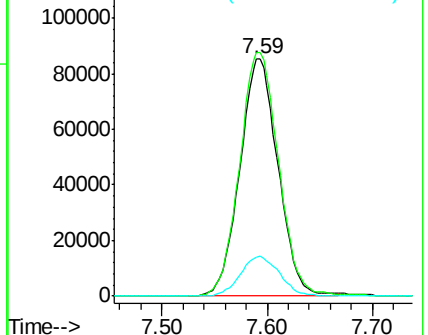
192 17.2 12.7 19.1

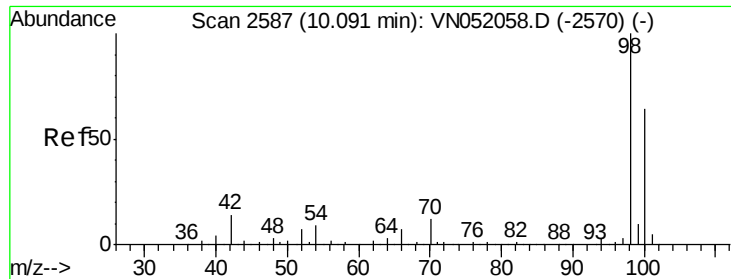


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052103.D

Acq: 1 Nov 2018 15:14

Instrument :

MSVOA_N

ClientSampled :

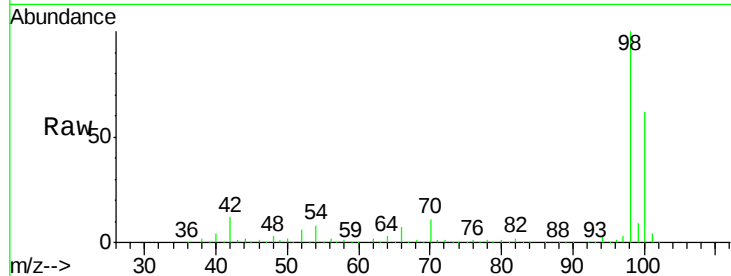
VN1101WBL02

Tgt Ion: 98 Resp: 842816

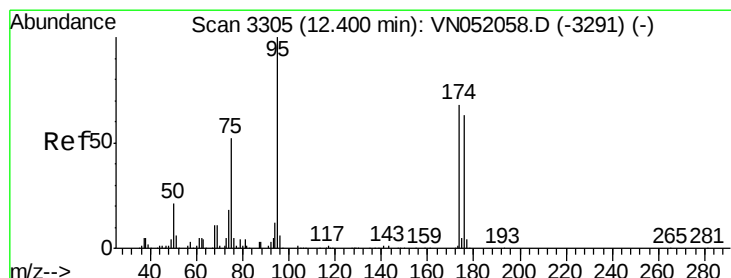
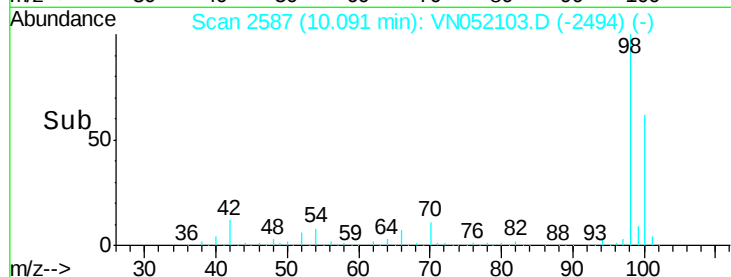
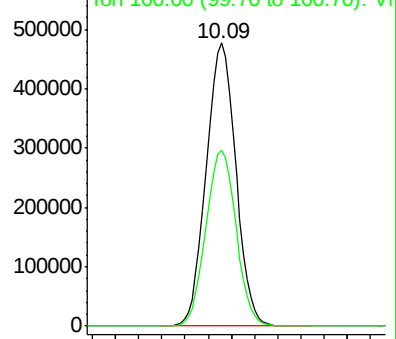
Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052103.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052103.D

Acq: 1 Nov 2018 15:14

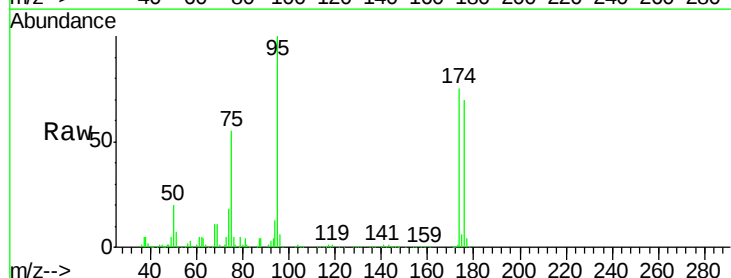
Tgt Ion: 95 Resp: 282451

Ion Ratio Lower Upper

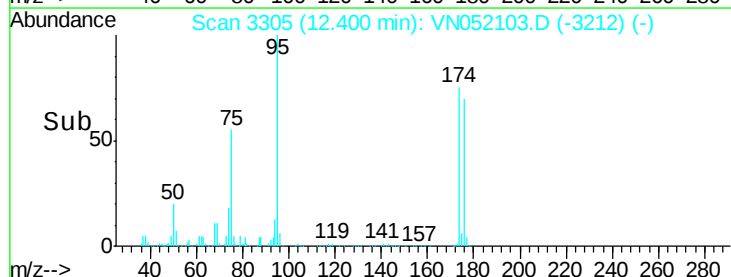
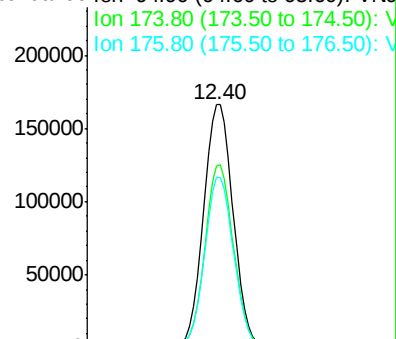
95 100

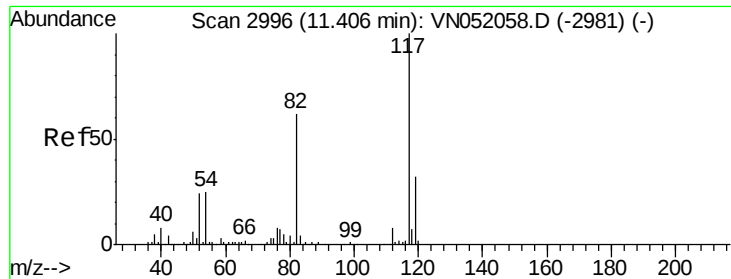
174 72.8 0.0 131.8

176 69.0 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052103.D (-3212) (-)

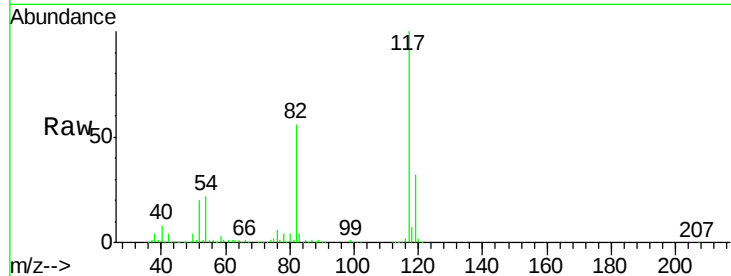




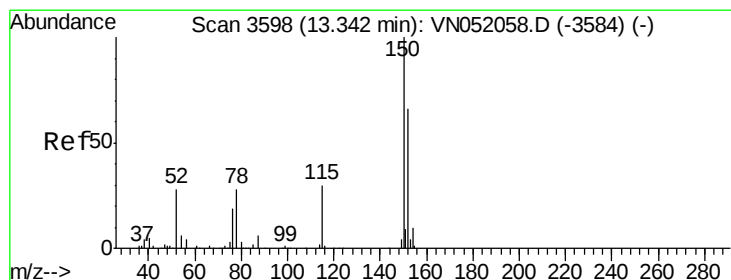
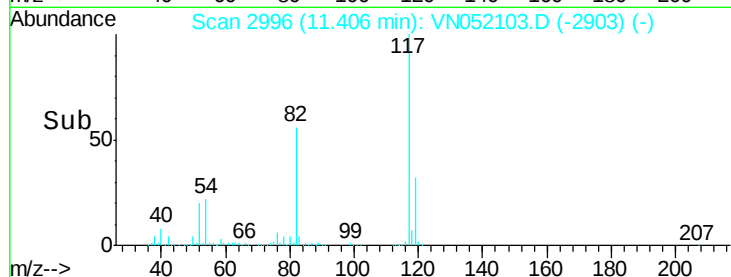
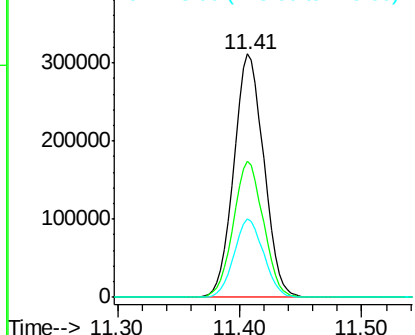
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052103.D
Acq: 1 Nov 2018 15:14

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBL02

Tgt Ion:117 Resp: 530385
Ion Ratio Lower Upper
117 100
82 55.9 49.9 74.9
119 32.3 25.7 38.5

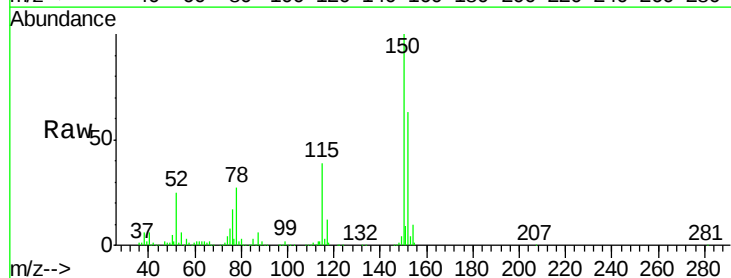


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052103.D
Acq: 1 Nov 2018 15:14

Tgt Ion:152 Resp: 214933
Ion Ratio Lower Upper
152 100
115 63.1 31.6 95.0
150 157.9 0.0 345.0



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

