

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052116.D
 Acq On : 2 Nov 2018 9:20
 Operator : MD\SY
 Sample : VN1102WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBL01

Quant Time: Nov 02 22:38:46 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	305079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	562784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	530879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	257951	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.59	113	217939	61.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.80%	
50) Toluene-d8	10.09	98	835963	59.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.82%	
62) 4-Bromofluorobenzene	12.40	95	283062	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	

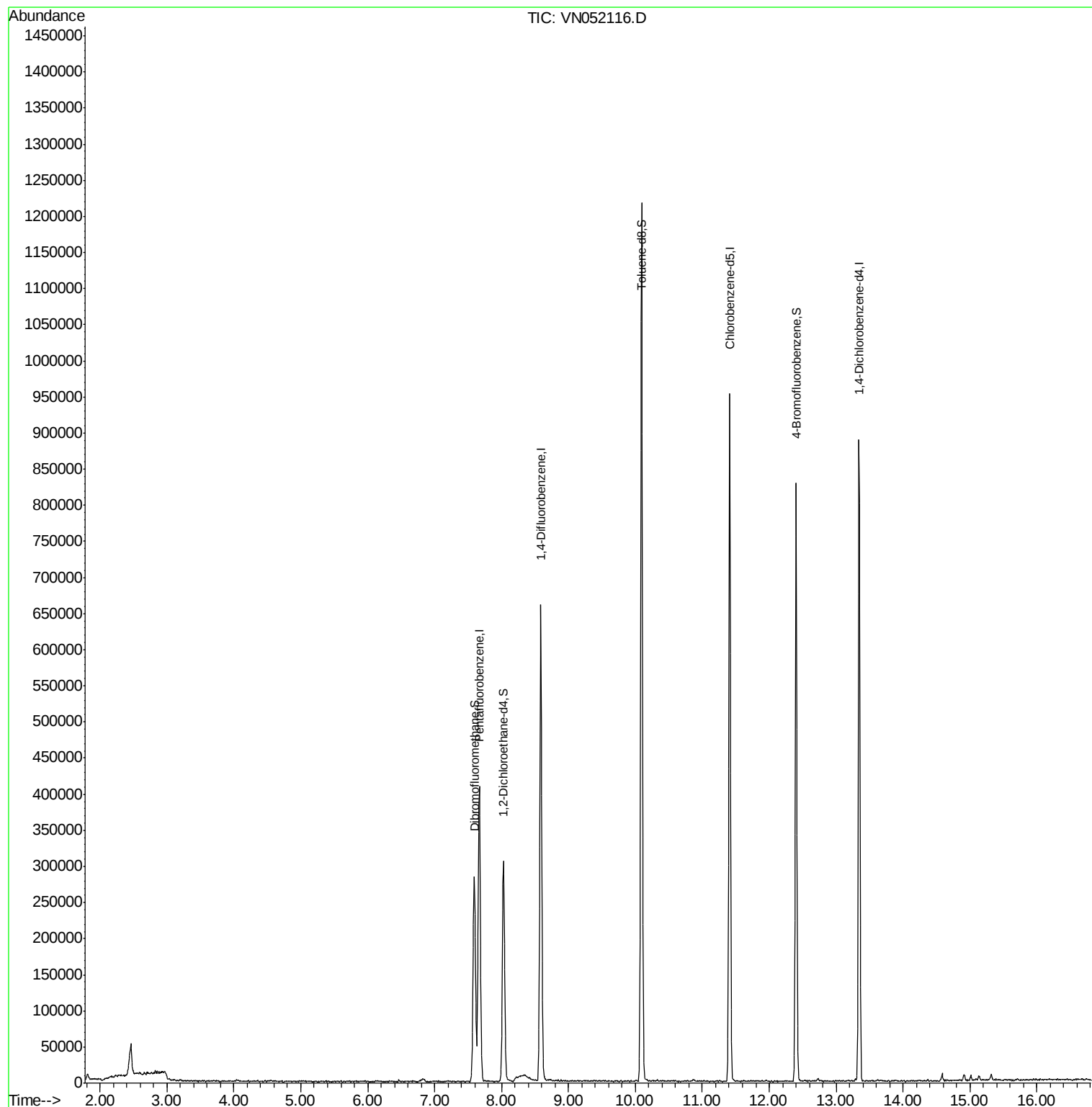
Target Compounds	Qvalue

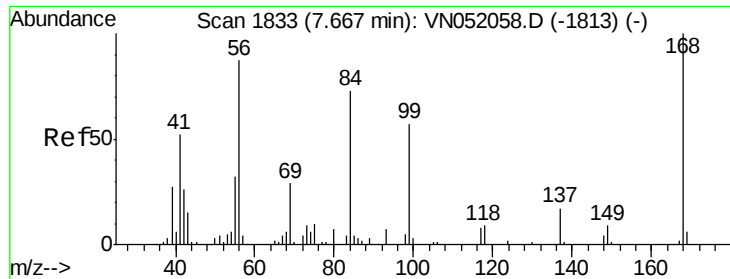
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110218\
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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: VN052116.D

Acq: 2 Nov 2018 9:20

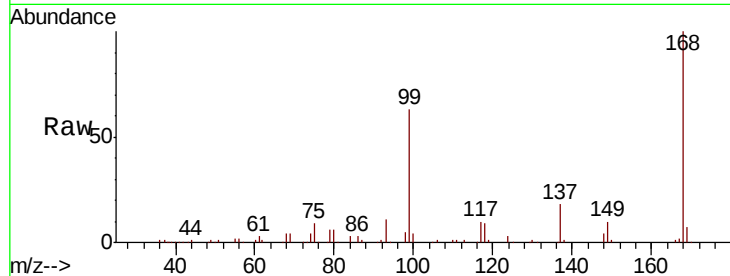
Instrument :
MSVOA_N
ClientSampled :
VN1102WBL01

Tot Ion:168 Resp: 305079

Ion Ratio Lower Upper

168 100

99 62.7 56.6 85.0



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

Ion 98.90 (98.60 to 99.60): VN052116.D (-1740) (-)

7.67

150000

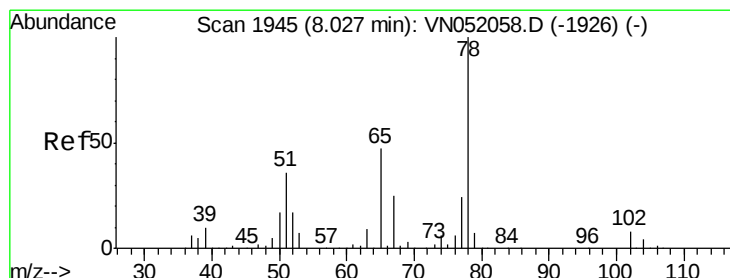
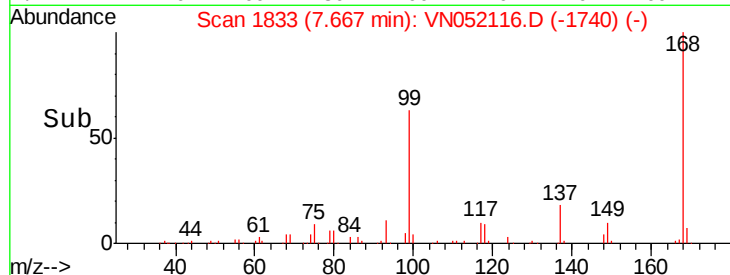
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052116.D

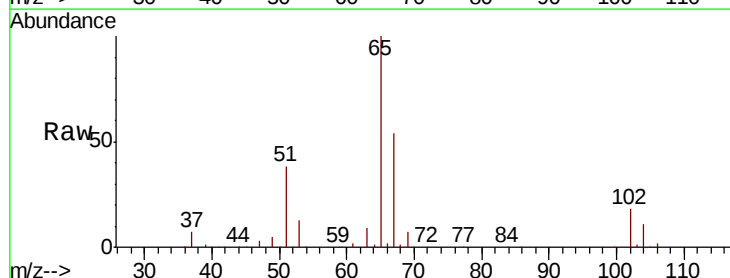
Acq: 2 Nov 2018 9:20

Tgt Ion: 65 Resp: 257951

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.2



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

Ion 66.90 (66.60 to 67.60): VN052116.D (-1852) (-)

8.03

120000

100000

80000

60000

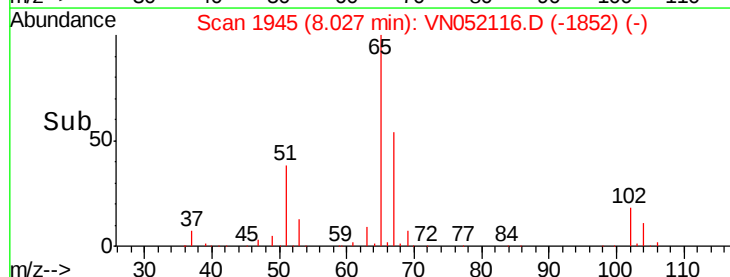
40000

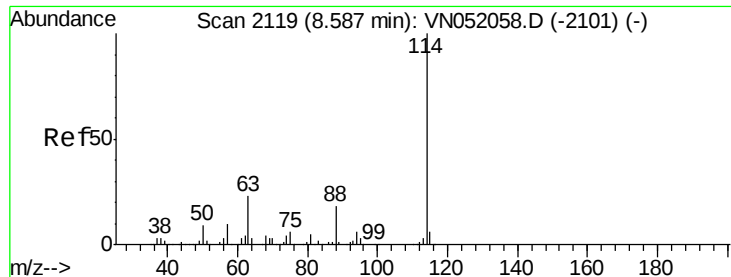
20000

0

7.90 8.00 8.10

Time-->

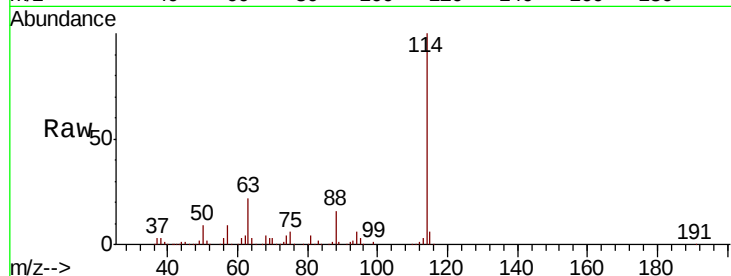




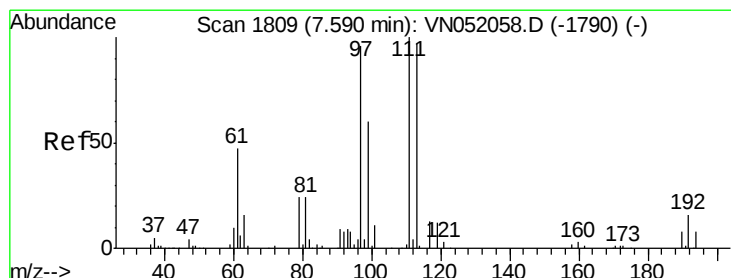
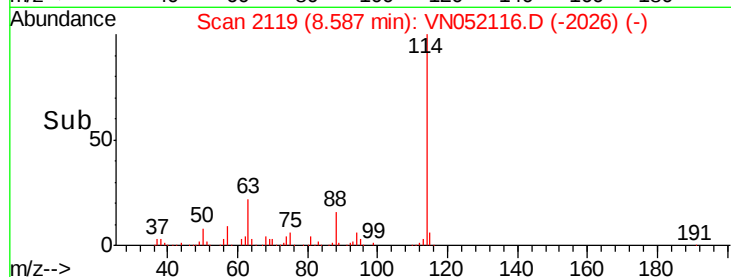
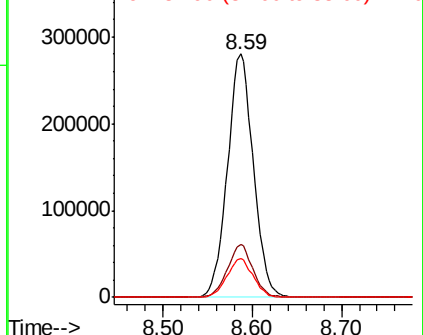
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052116.D
 Acq: 2 Nov 2018 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	46.0
88	16.2	0.0	35.4

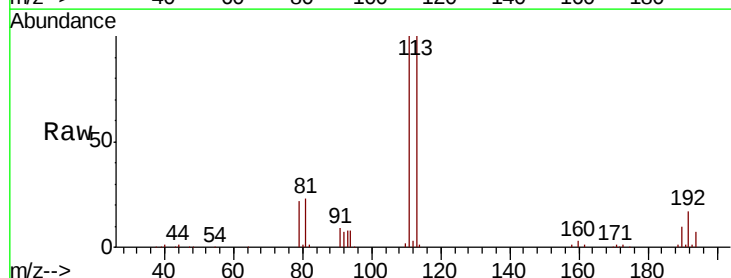


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

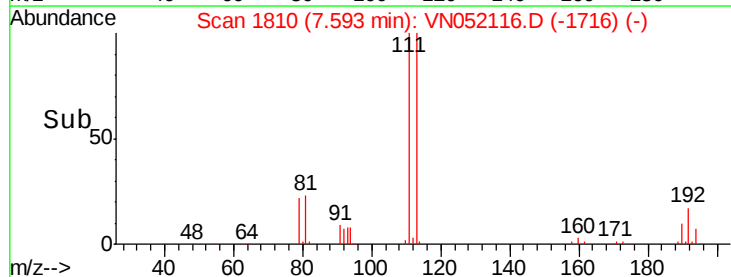
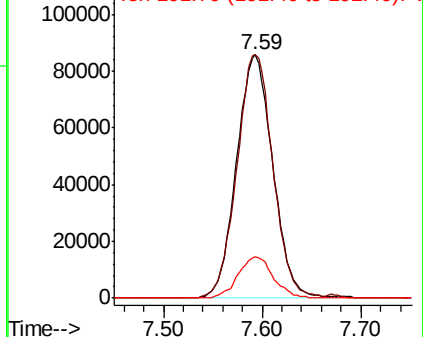


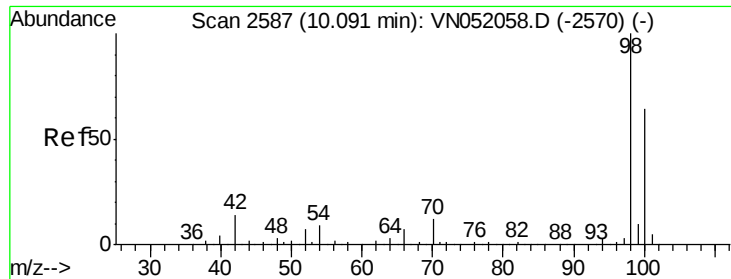
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052116.D
 Acq: 2 Nov 2018 9:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.5	83.1	124.7
192	16.5	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: VN052116.D

Acq: 2 Nov 2018 9:20

Instrument :

MSVOA_N

ClientSampled :

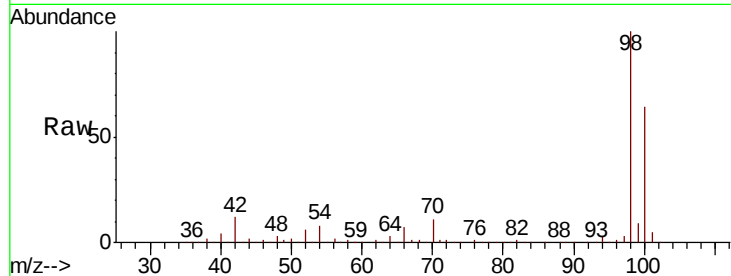
VN1102WBL01

Tot Ion: 98 Resp: 835963

Ion Ratio Lower Upper

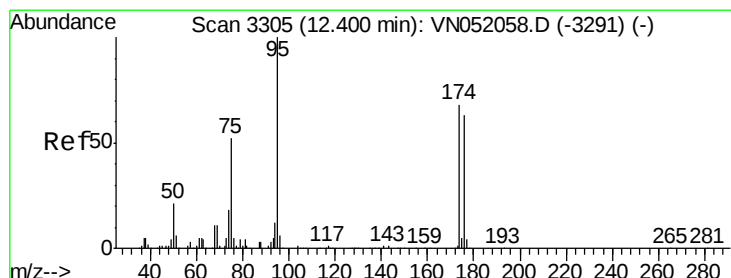
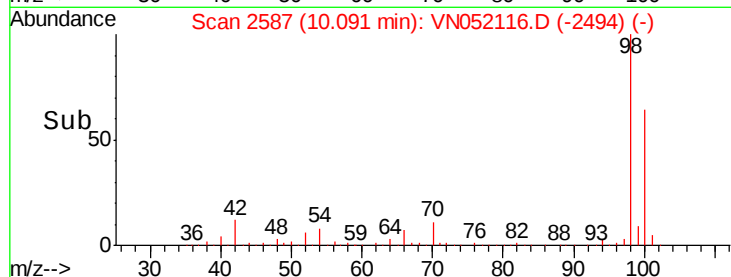
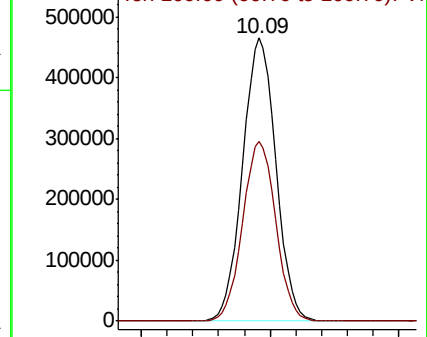
98 100

100 63.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052116.D

Acq: 2 Nov 2018 9:20

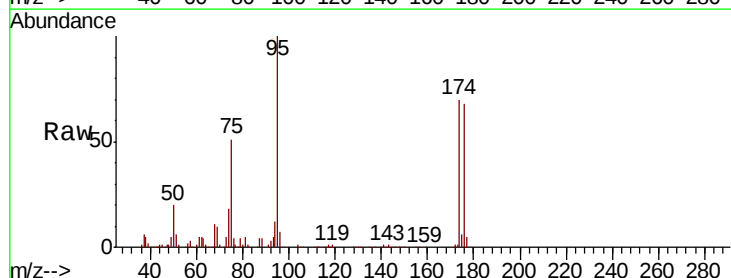
Tgt Ion: 95 Resp: 283062

Ion Ratio Lower Upper

95 100

174 72.3 0.0 131.8

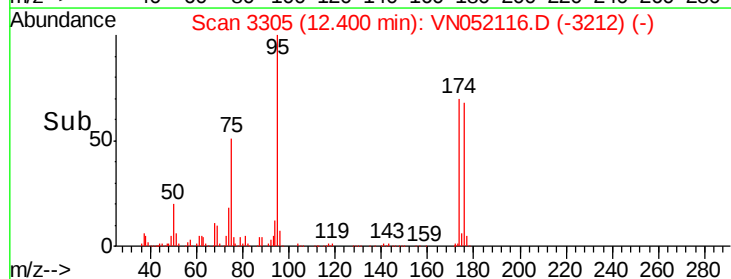
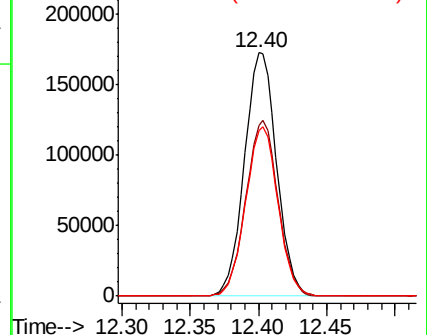
176 69.7 0.0 126.0

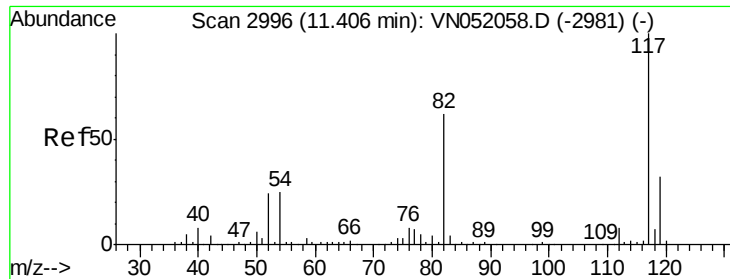


Abundance Ion 94.90 (94.60 to 95.60): VN0

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# 2997

Delta R.T. 0.00 min

Lab File: VN052116.D

Acq: 2 Nov 2018 9:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBL01

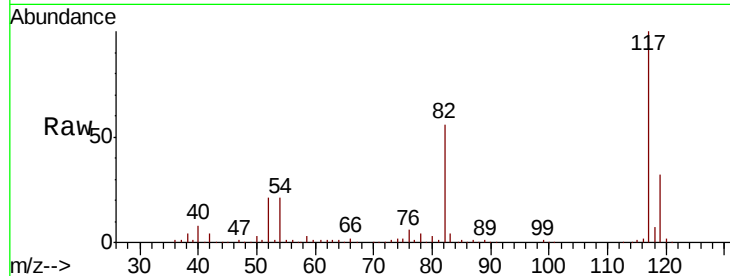
Tot Ion:117 Resp: 530879

Ion Ratio Lower Upper

117 100

82 56.3 49.9 74.9

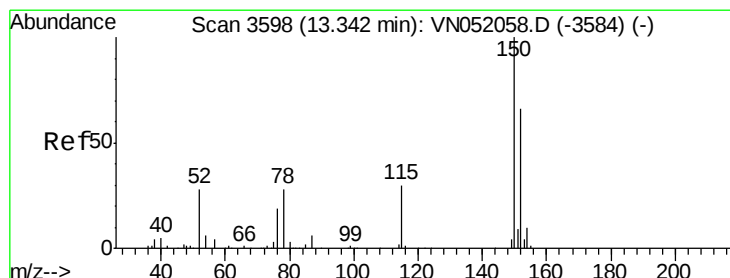
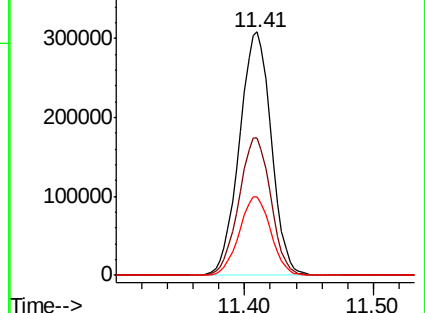
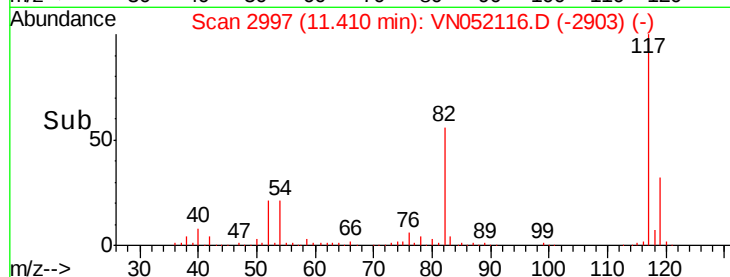
119 32.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN052116.D

Acq: 2 Nov 2018 9:20

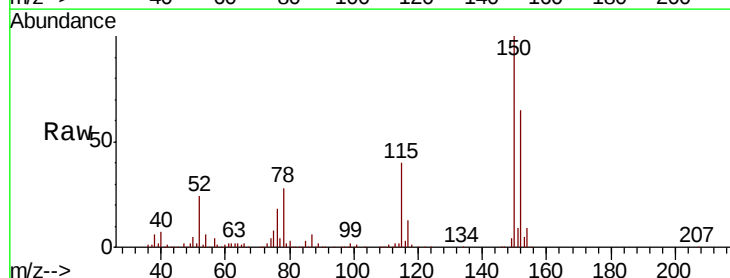
Tgt Ion:152 Resp: 214540

Ion Ratio Lower Upper

152 100

115 61.9 31.6 95.0

150 157.8 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

