

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
 Data File : VN055023.D
 Acq On : 13 Apr 2019 12:16
 Operator : JC/SP
 Sample : VN0414WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBL01

Quant Time: Apr 14 03:34:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	563624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	883465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	743131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	351047	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.59	113	281305	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.09	98	1054763	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	310277	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	

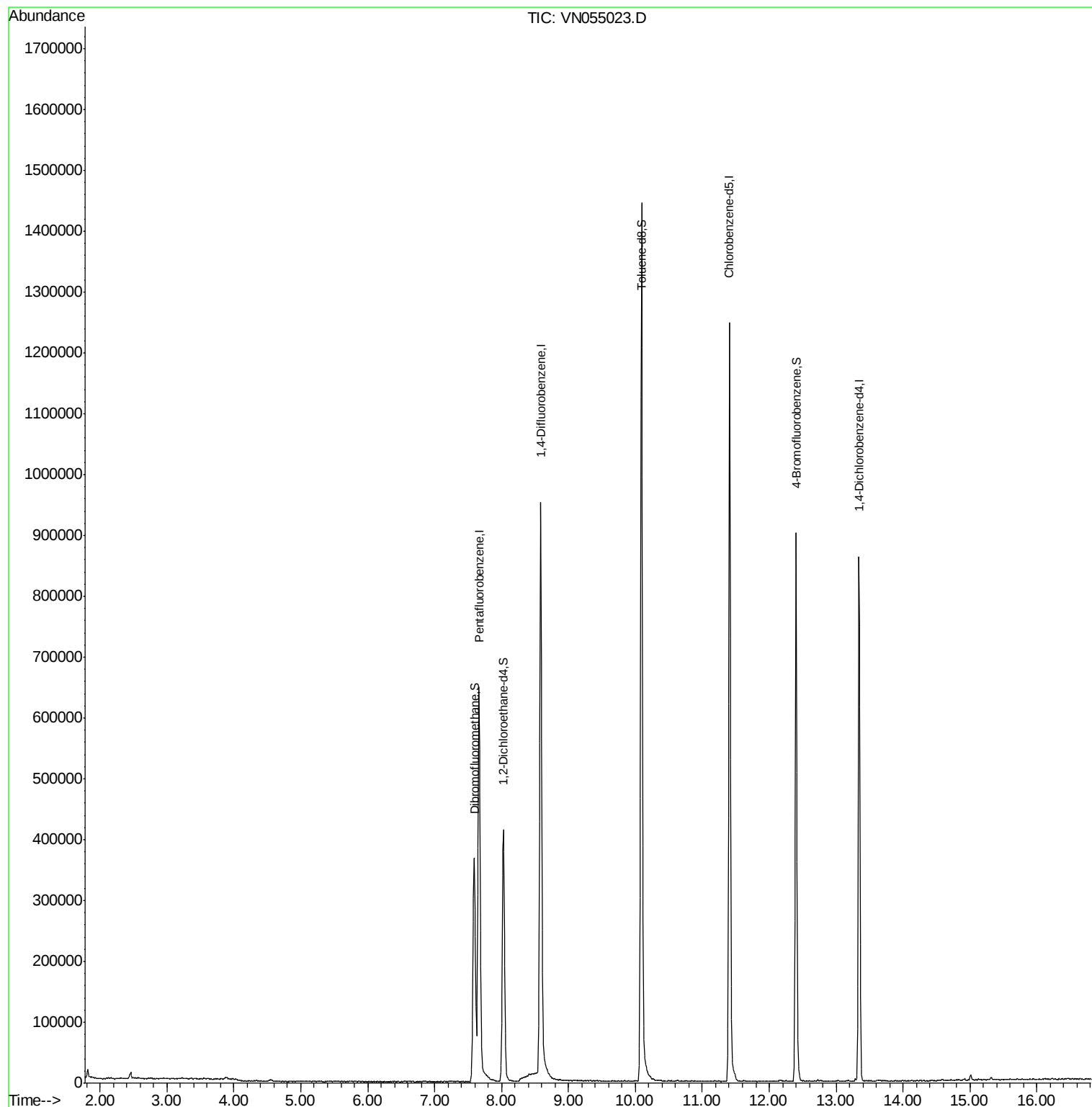
Target Compounds	Qvalue

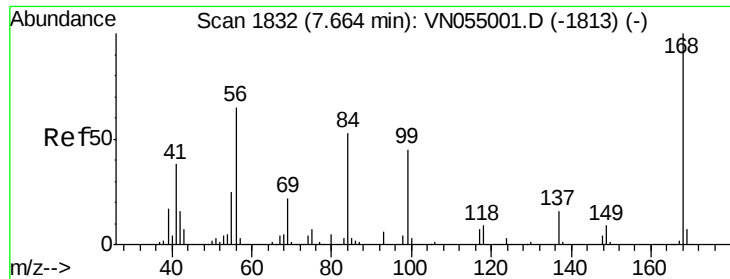
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041419\
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Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055023.D

Acq: 13 Apr 2019 12:16

Instrument :

MSVOA_N

ClientSampleId :

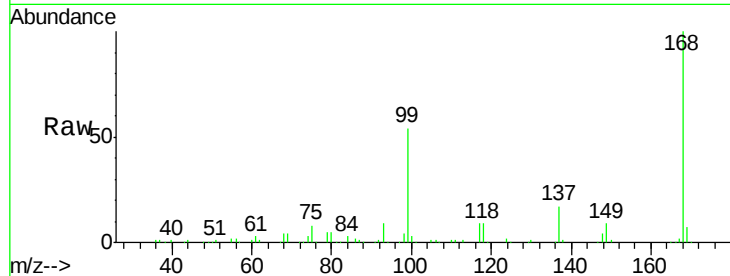
VN0414WBL01

Tot Ion:168 Resp: 563624

Ion Ratio Lower Upper

168 100

99 54.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

150000

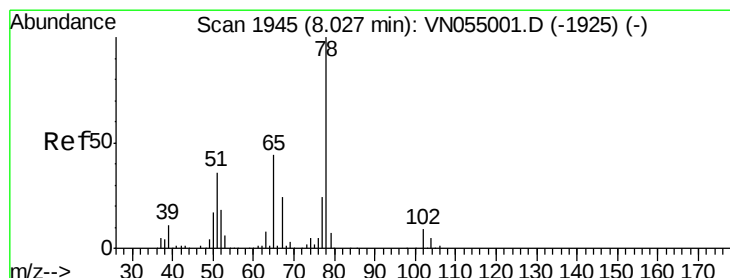
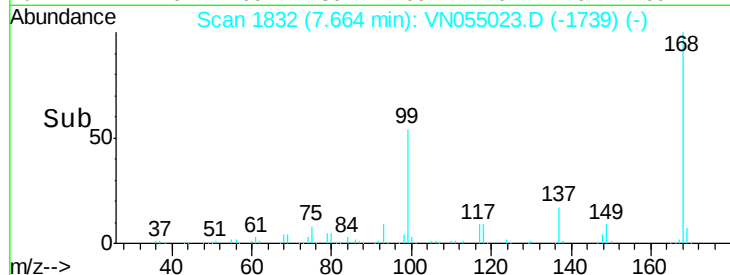
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.631 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055023.D

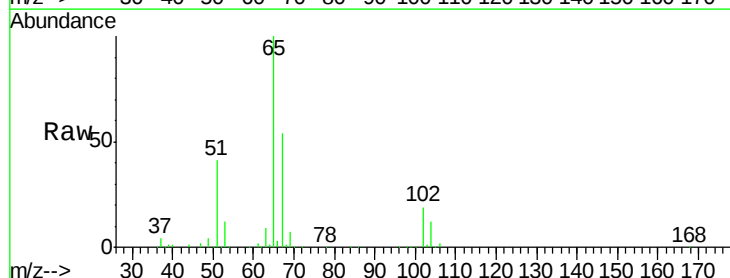
Acq: 13 Apr 2019 12:16

Tgt Ion: 65 Resp: 351047

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

150000

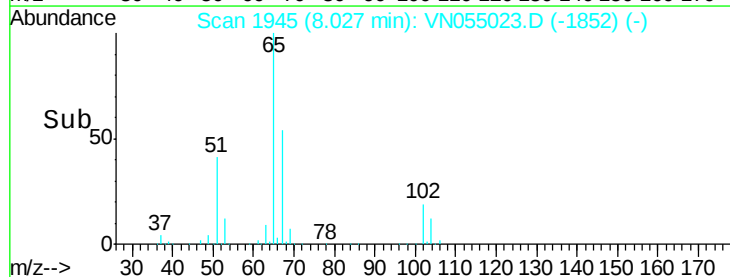
100000

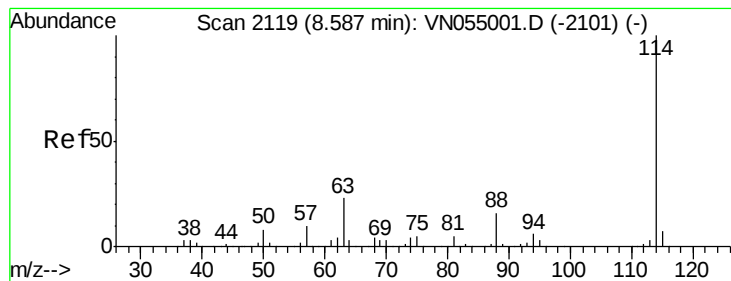
50000

0

Time-->

7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055023.D

Acq: 13 Apr 2019 12:16

Instrument :

MSVOA_N

ClientSampled :

VN0414WBL01

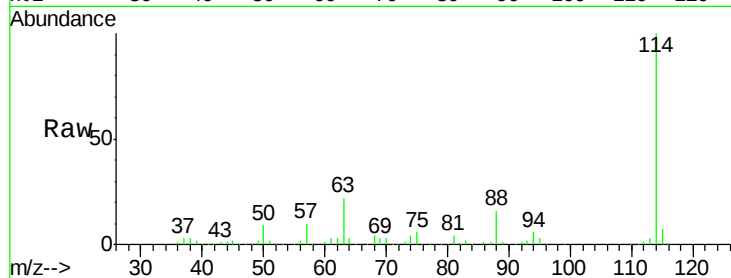
Tot Ion:114 Resp: 883465

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

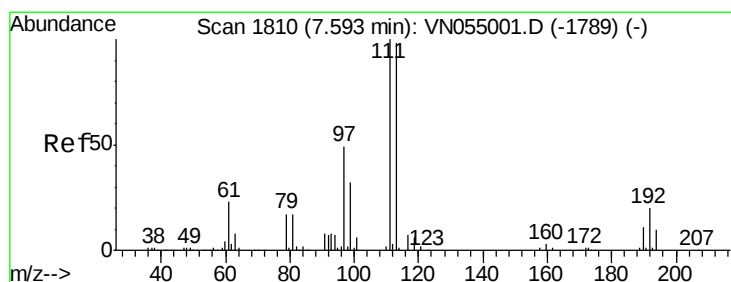
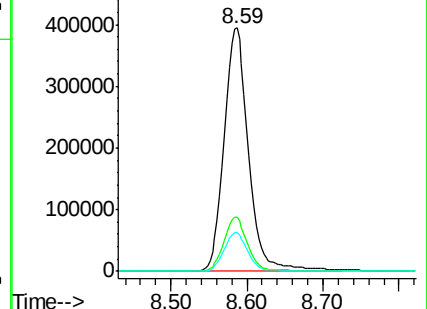
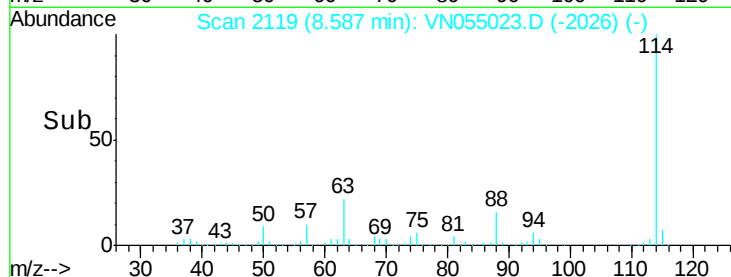
88 15.7 0.0 31.8



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: 49.949 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055023.D

Acq: 13 Apr 2019 12:16

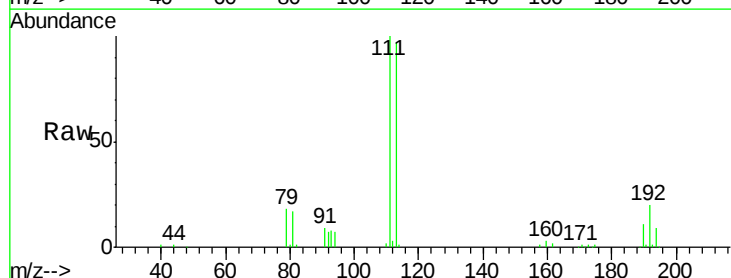
Tgt Ion:113 Resp: 281305

Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

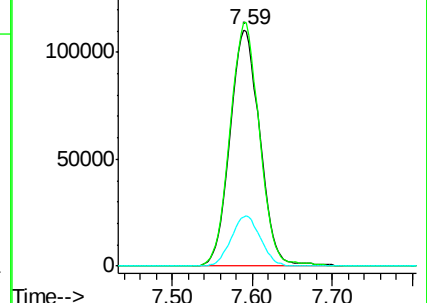
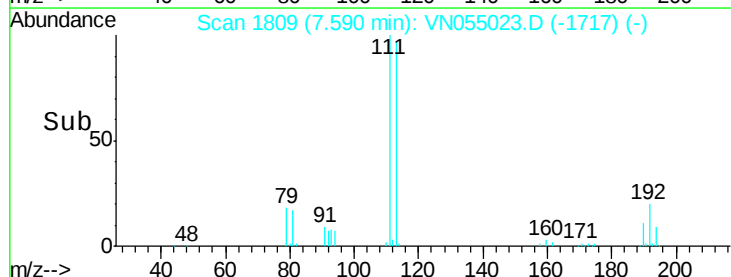
192 20.9 16.5 24.7

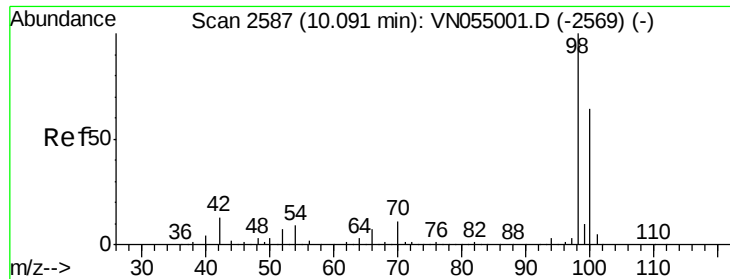


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.991 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055023.D

Acq: 13 Apr 2019 12:16

Instrument :

MSVOA_N

ClientSampleId :

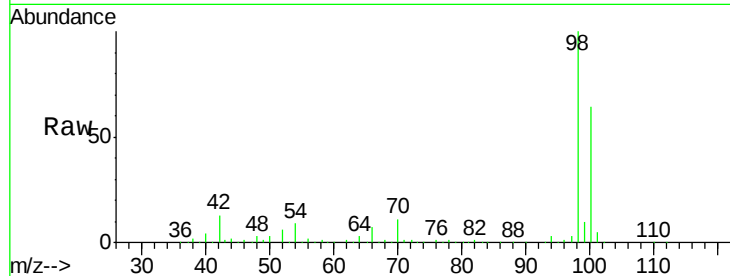
VN0414WBL01

Tot Ion: 98 Resp: 1054763

Ion Ratio Lower Upper

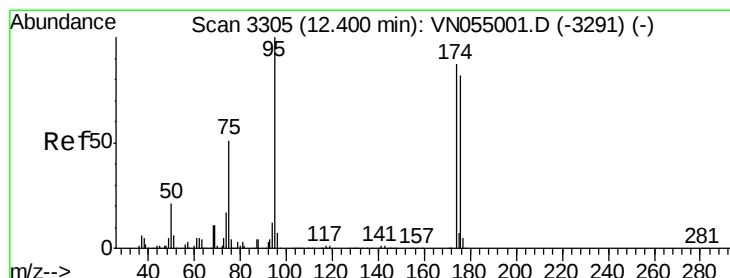
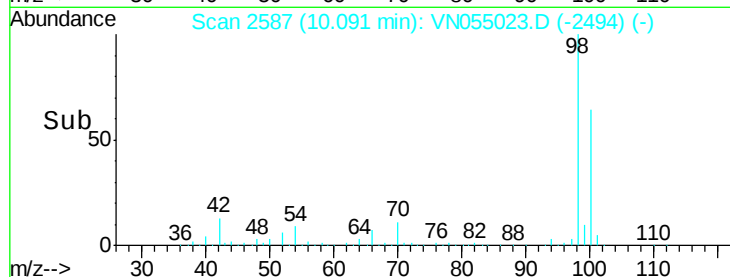
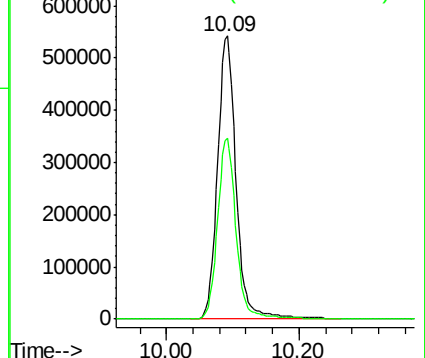
98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.531 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055023.D

Acq: 13 Apr 2019 12:16

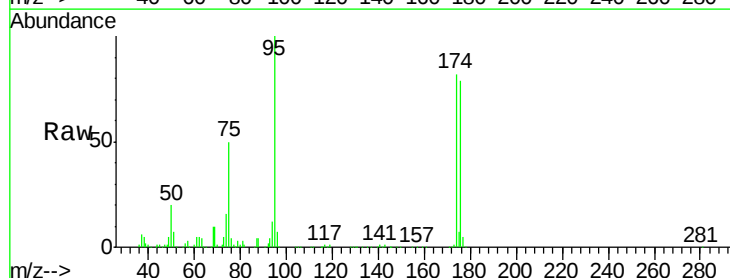
Tgt Ion: 95 Resp: 310277

Ion Ratio Lower Upper

95 100

174 84.5 0.0 174.4

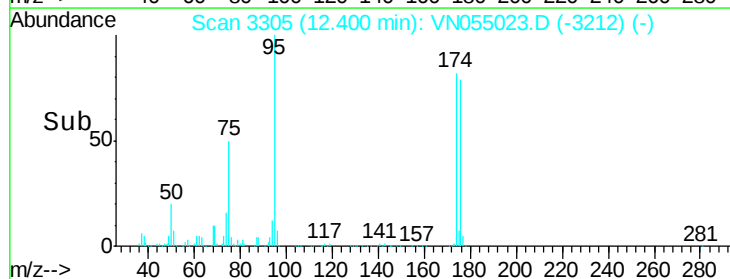
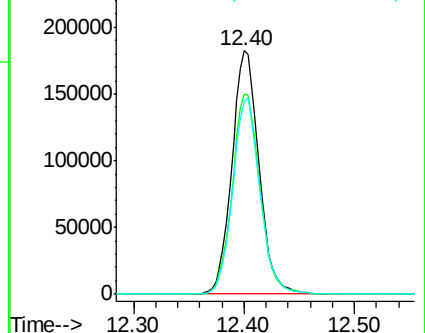
176 80.9 0.0 166.8

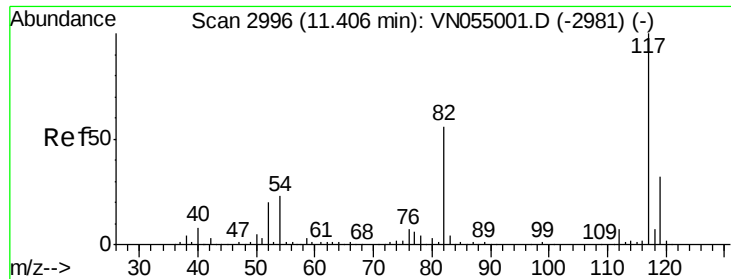


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN055023.D

Acq: 13 Apr 2019 12:16

Instrument :

MSVOA_N

ClientSampled :

VN0414WBL01

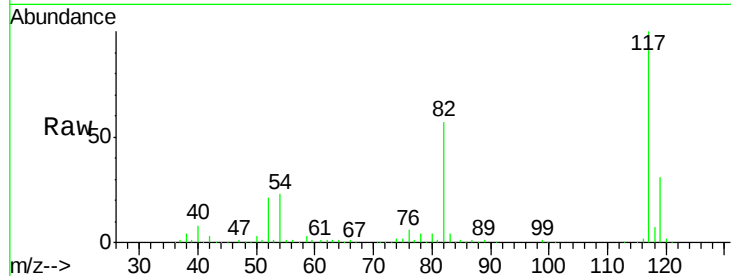
Tot Ion:117 Resp: 743131

Ion Ratio Lower Upper

117 100

82 56.6 44.6 66.8

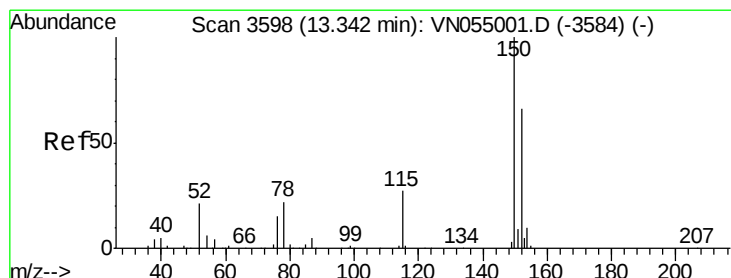
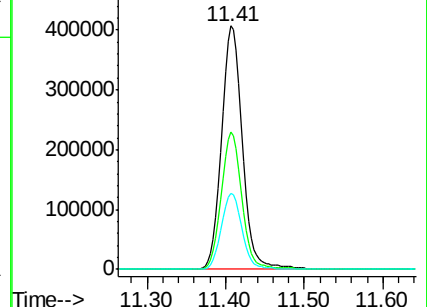
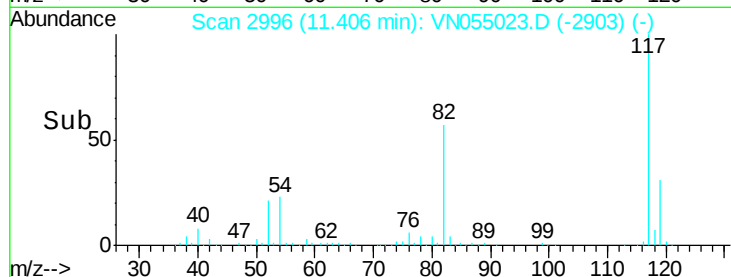
119 31.3 25.5 38.3



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: VN055023.D

Acq: 13 Apr 2019 12:16

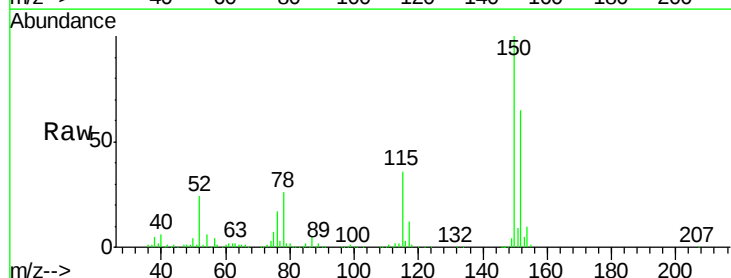
Tgt Ion:152 Resp: 235063

Ion Ratio Lower Upper

152 100

115 56.2 28.5 85.6

150 156.2 0.0 347.2



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

