

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055118.D
 Acq On : 18 Apr 2019 11:39
 Operator : JC/SP
 Sample : K2461-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-01

Quant Time: Apr 19 02:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	340999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	533112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	217988	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	7.59	113	173480	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	10.09	98	639257	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	168922	40.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.50%	

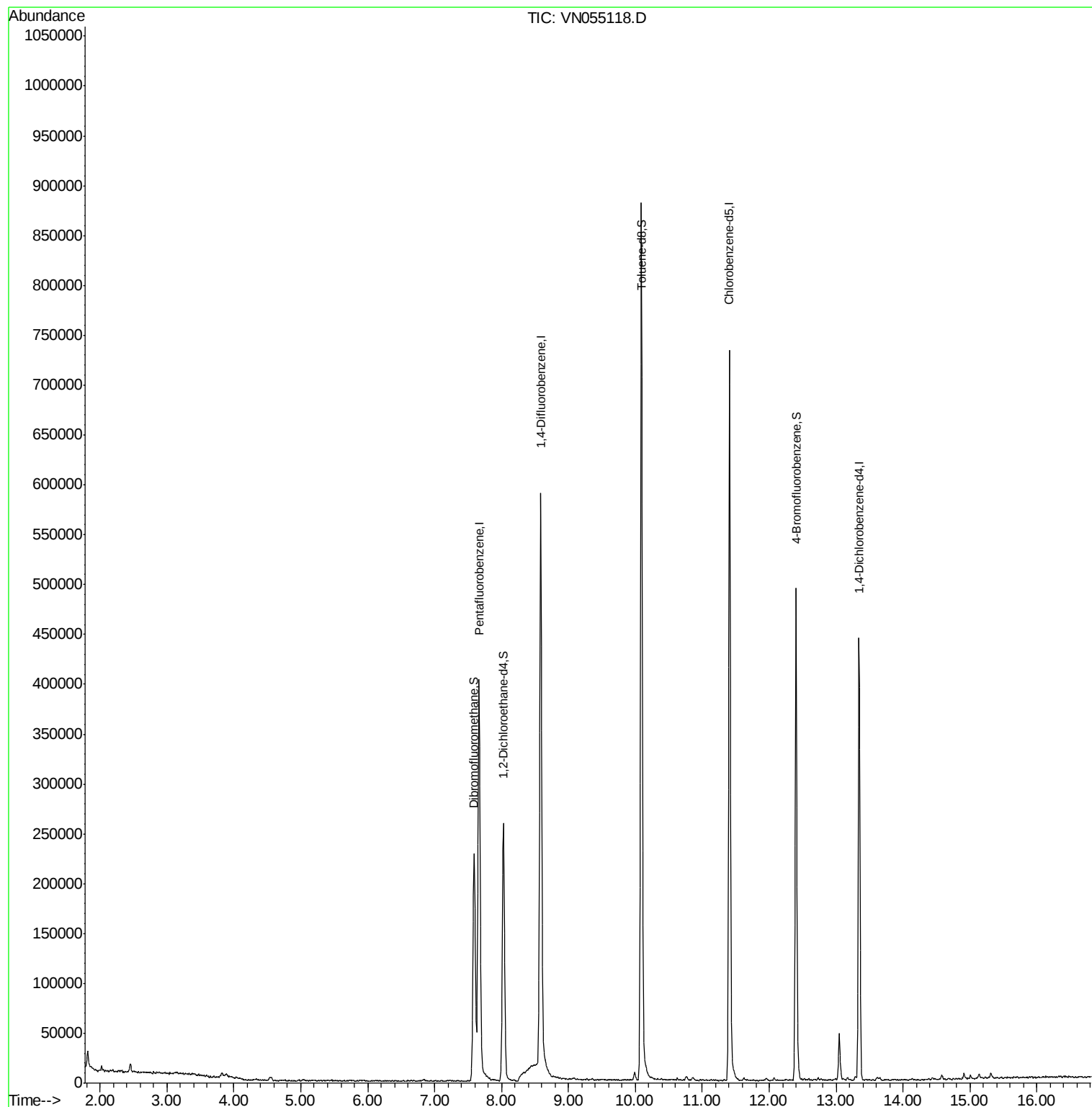
Target Compounds	Qvalue
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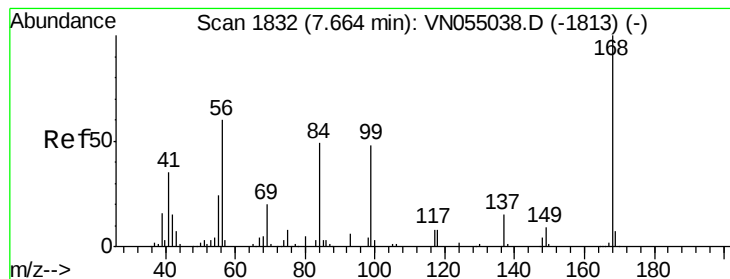
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055118.D

Acq: 18 Apr 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

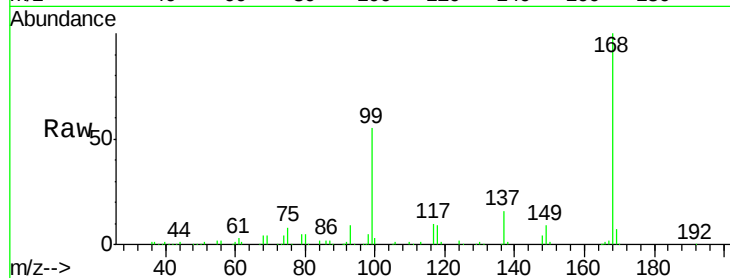
PZ-01

Tot Ion:168 Resp: 340999

Ion Ratio Lower Upper

168 100

99 54.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

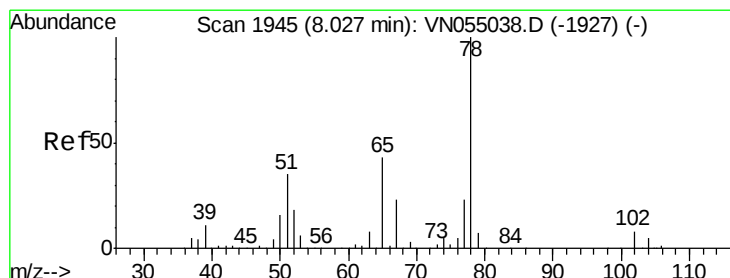
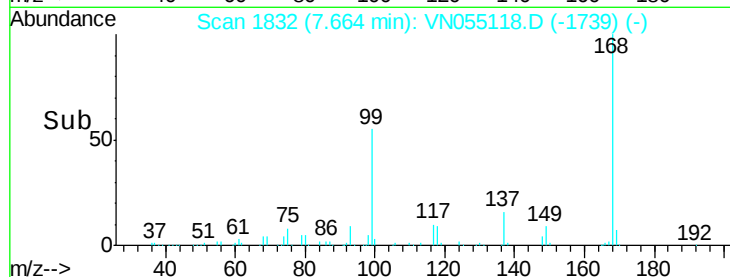
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.092 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055118.D

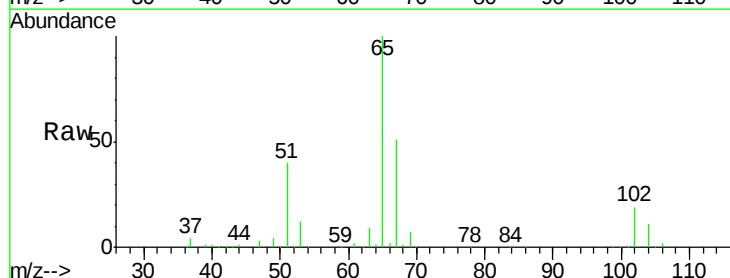
Acq: 18 Apr 2019 11:39

Tgt Ion: 65 Resp: 217988

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

100000

80000

60000

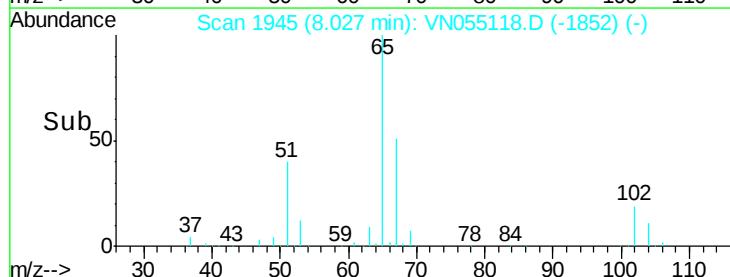
40000

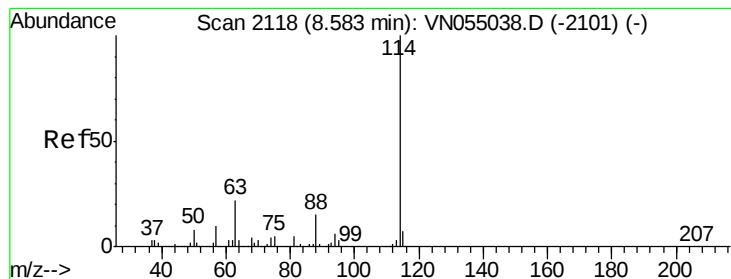
20000

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: VN055118.D

Acq: 18 Apr 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

PZ-01

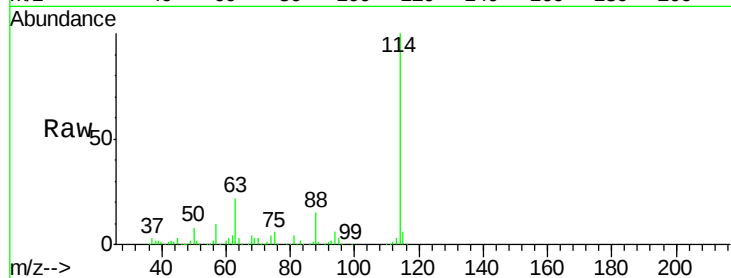
Tot Ion:114 Resp: 533112

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

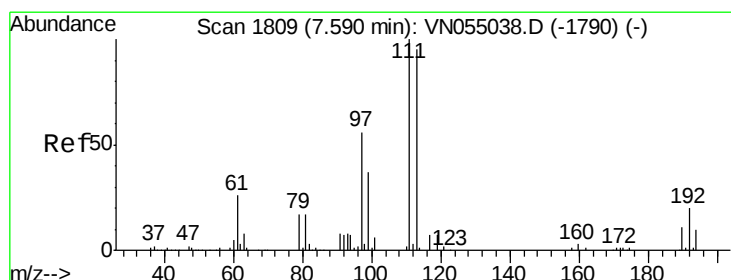
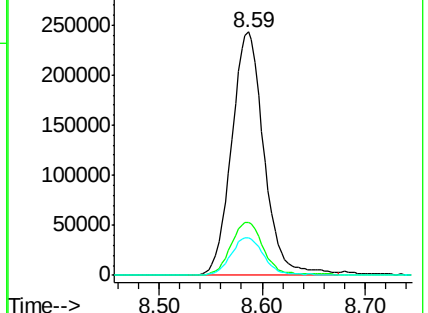
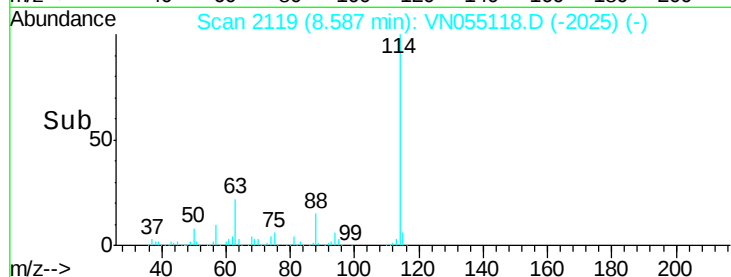
88 15.4 0.0 31.8



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: 48.692 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055118.D

Acq: 18 Apr 2019 11:39

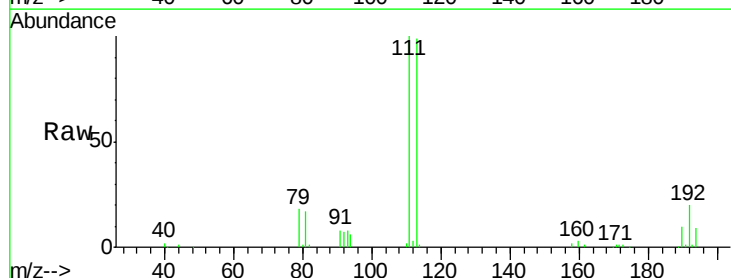
Tgt Ion:113 Resp: 173480

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

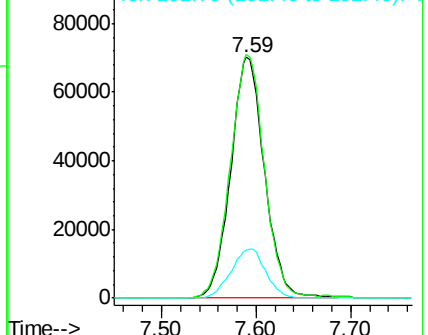
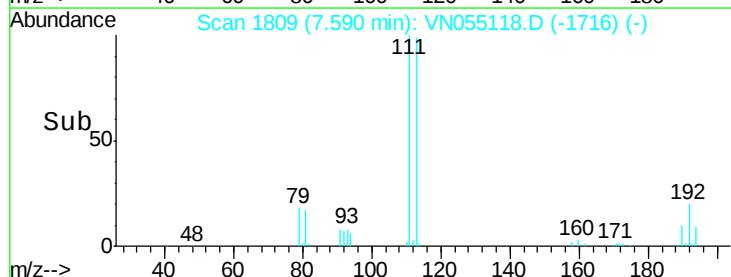
192 21.0 16.5 24.7

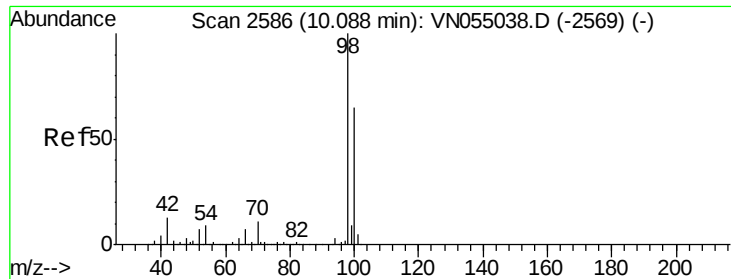


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

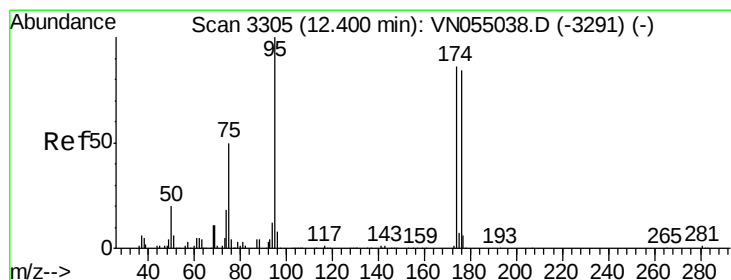
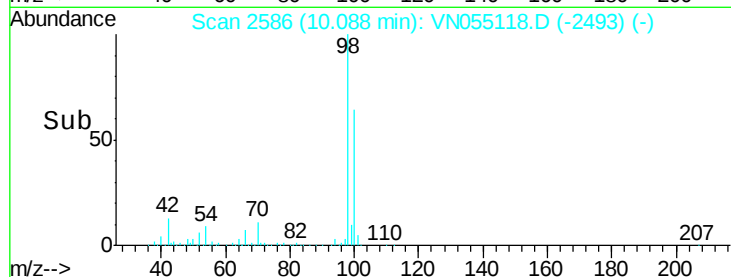
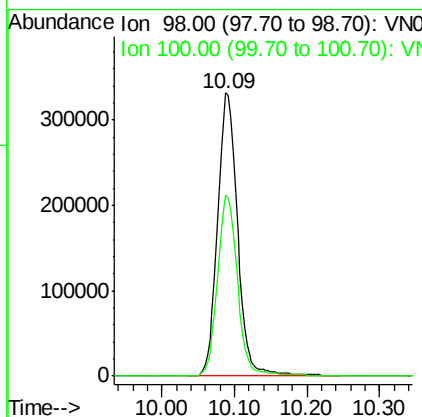
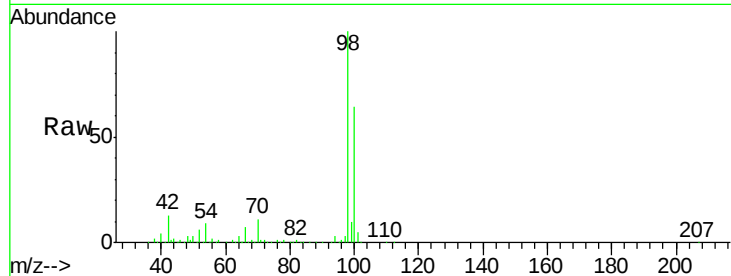




#50
Toluene-d8
Concen: 50.131 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055118.D
Acq: 18 Apr 2019 11:39

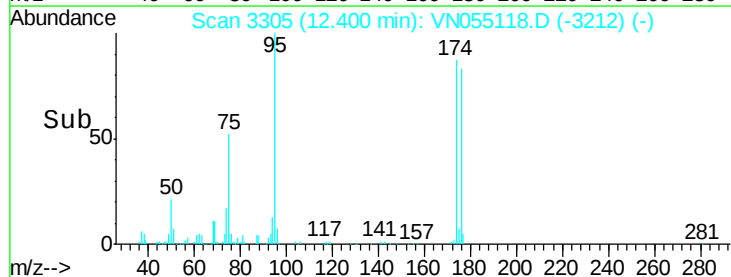
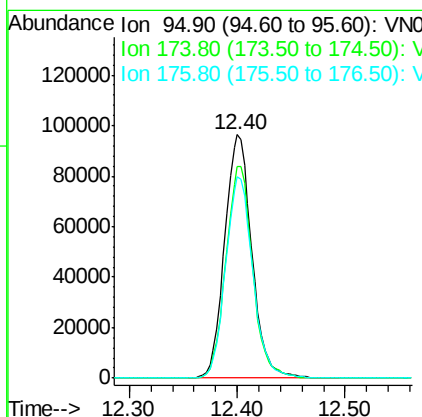
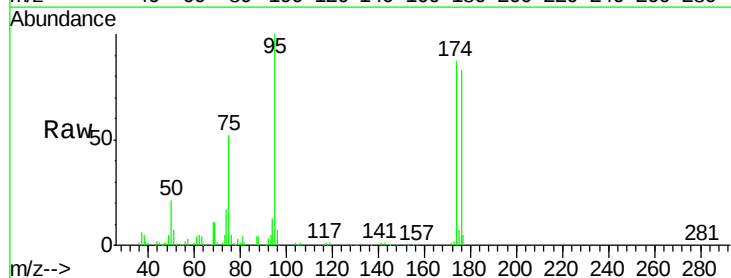
Instrument :
MSVOA_N
ClientSampled :
PZ-01

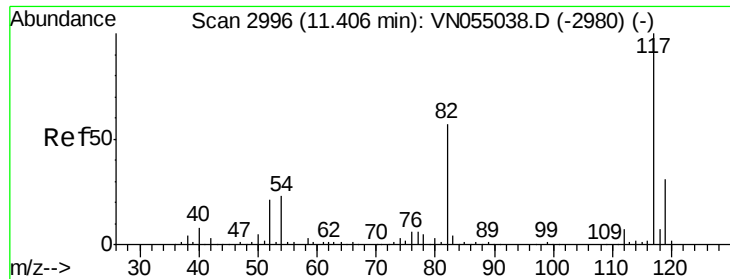
Tot Ion: 98 Resp: 639257
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 40.748 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055118.D
Acq: 18 Apr 2019 11:39

Tgt Ion: 95 Resp: 168922
Ion Ratio Lower Upper
95 100
174 85.8 0.0 174.4
176 83.0 0.0 166.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055118.D

Acq: 18 Apr 2019 11:39

Instrument :

MSVOA_N

ClientSampled :

PZ-01

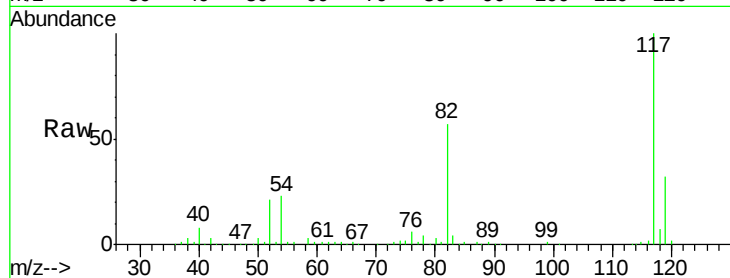
Tot Ion:117 Resp: 435650

Ion Ratio Lower Upper

117 100

82 56.7 44.6 66.8

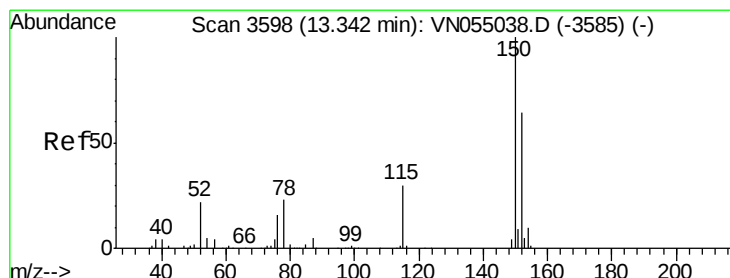
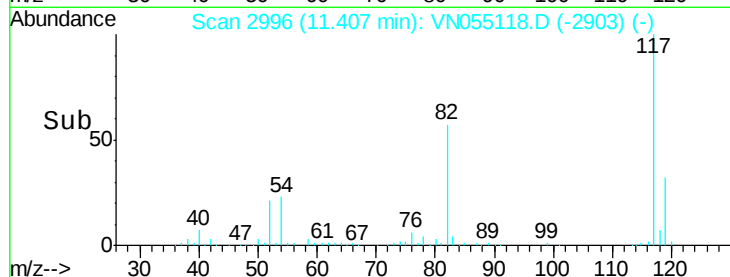
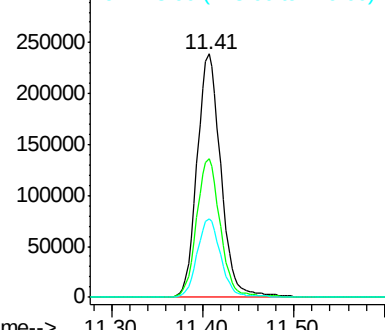
119 32.4 25.5 38.3



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: VN055118.D

Acq: 18 Apr 2019 11:39

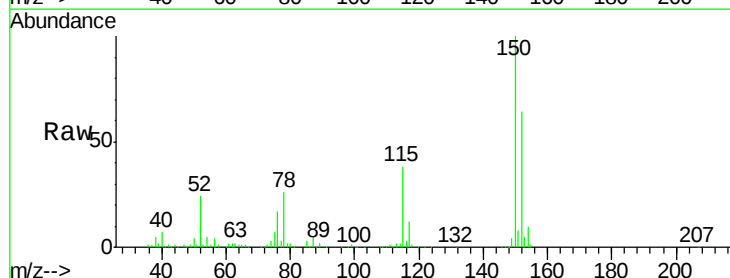
Tgt Ion:152 Resp: 122673

Ion Ratio Lower Upper

152 100

115 58.0 28.5 85.6

150 157.9 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

