

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053838.D
 Acq On : 18 Feb 2019 13:01
 Operator : JC/SP
 Sample : PB117159ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#02

Quant Time: Feb 19 03:34:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

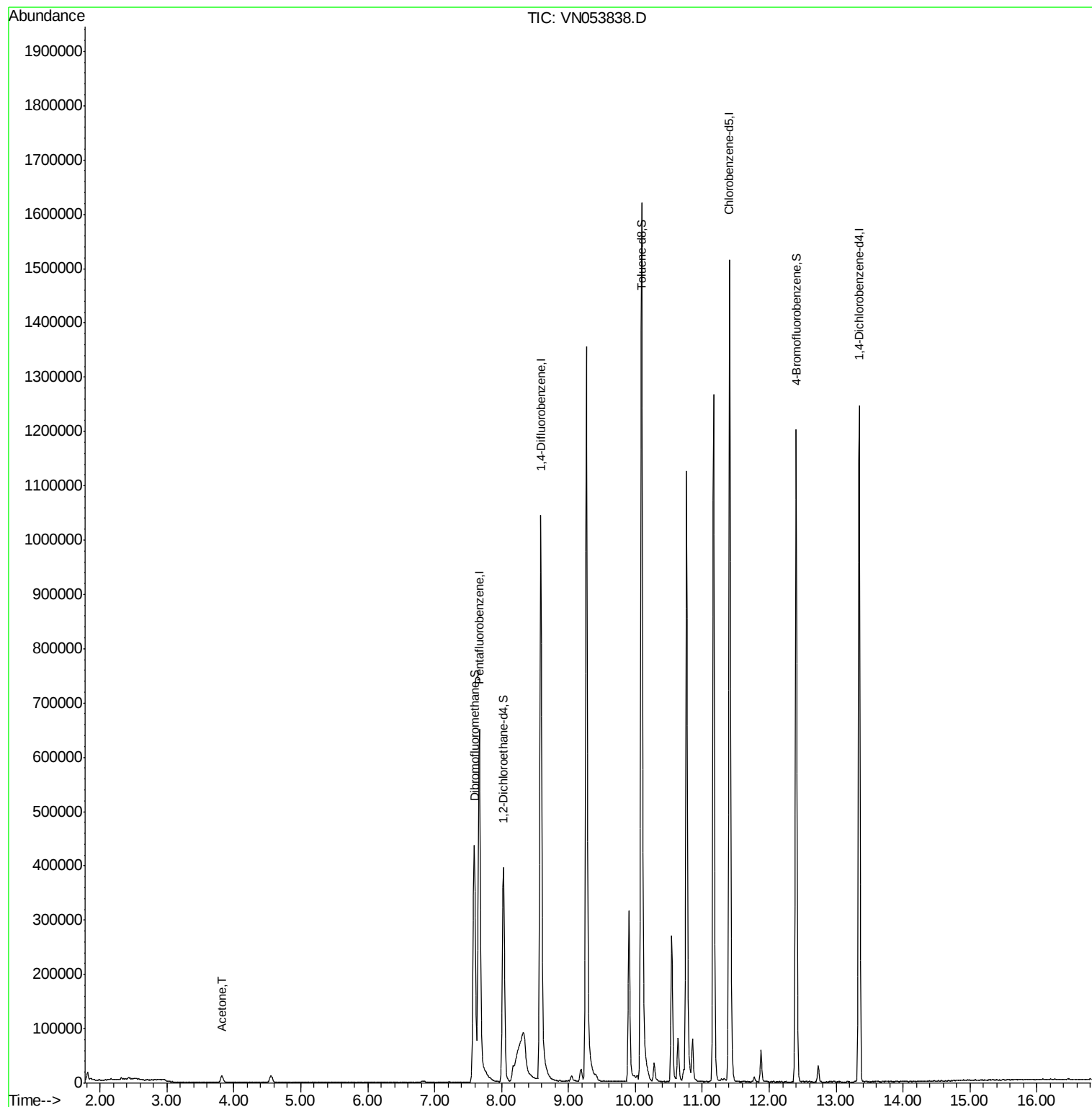
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	663277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1014308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	341842	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	7.59	113	345307	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1330303	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	423576	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
Target Compounds						
16) Acetone	3.82	43	21272	12.463	ug/l	Qvalue 97

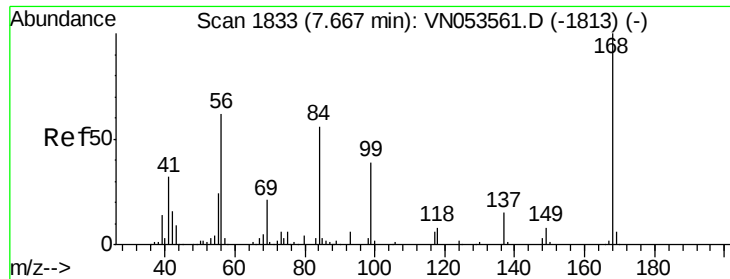
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021819\
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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: VN053838.D

Acq: 18 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

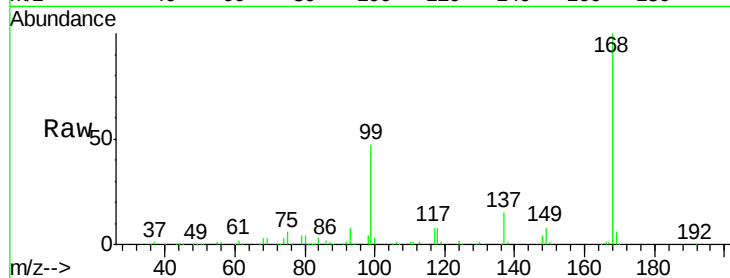
PB117159ZHE#02

Tot Ion:168 Resp: 663277

Ion Ratio Lower Upper

168 100

99 47.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

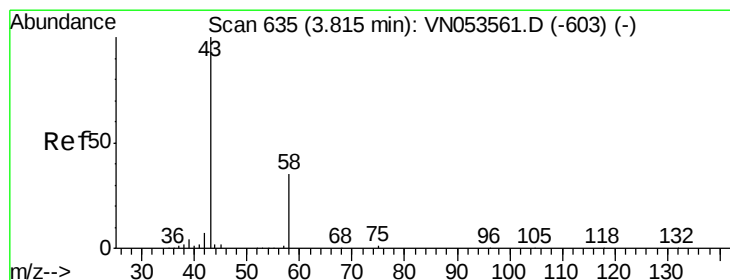
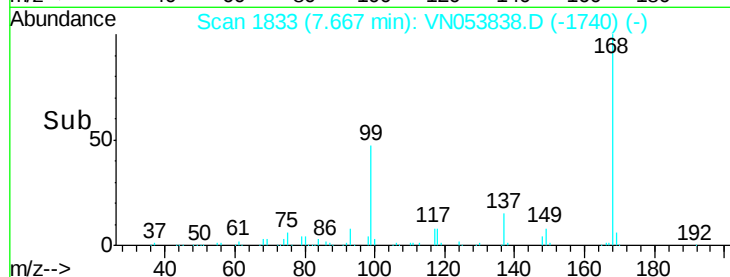
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.463 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053838.D

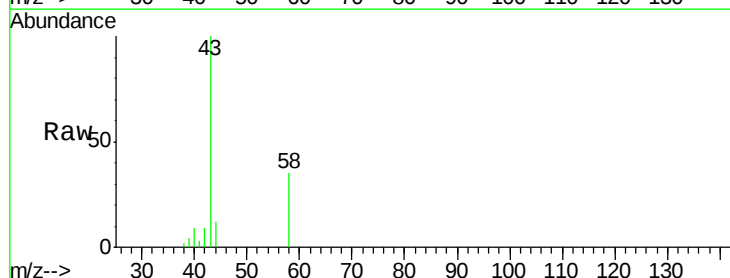
Acq: 18 Feb 2019 13:01

Tgt Ion: 43 Resp: 21272

Ion Ratio Lower Upper

43 100

58 35.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

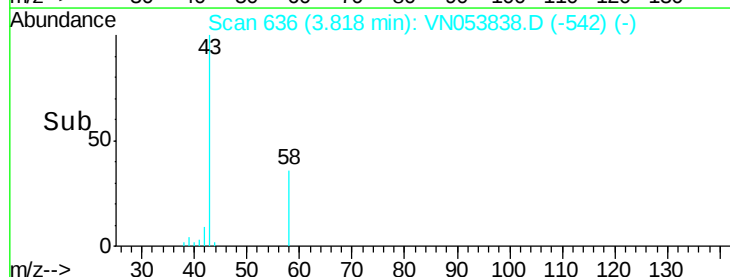
6000

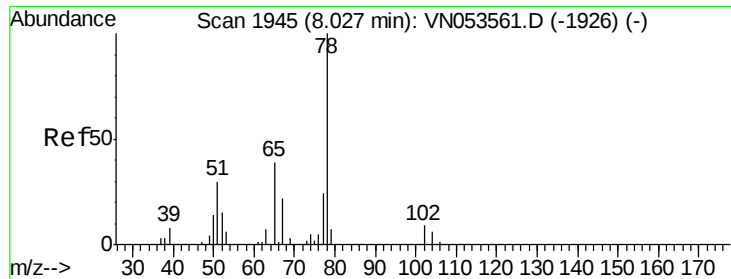
4000

2000

0

Time-->

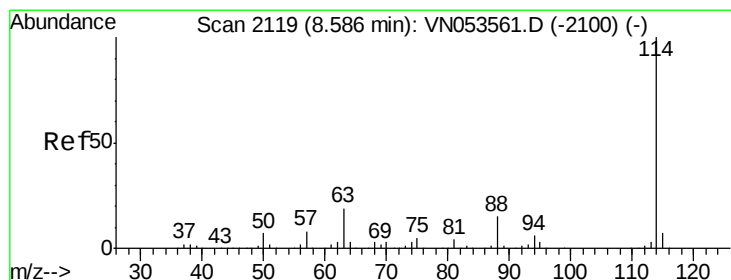
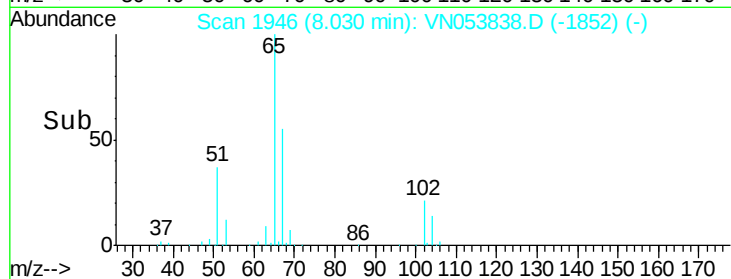
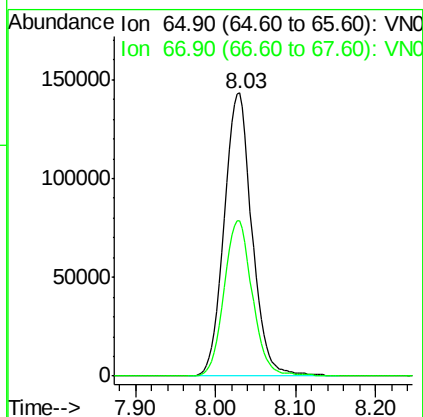
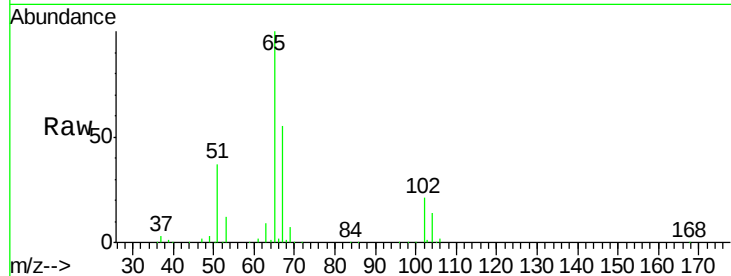




#33
 1,2-Dichloroethane-d4
 Concen: 51.374 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053838.D
 Acq: 18 Feb 2019 13:01

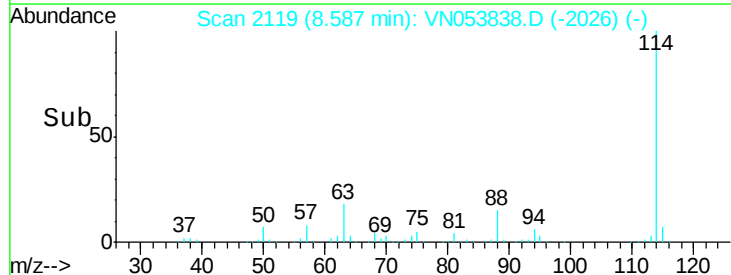
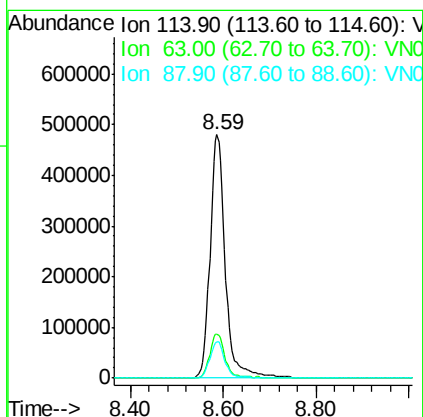
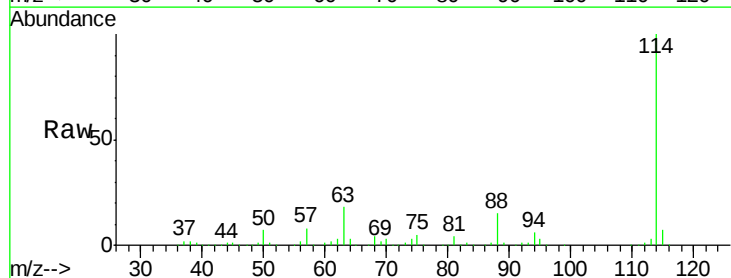
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#02

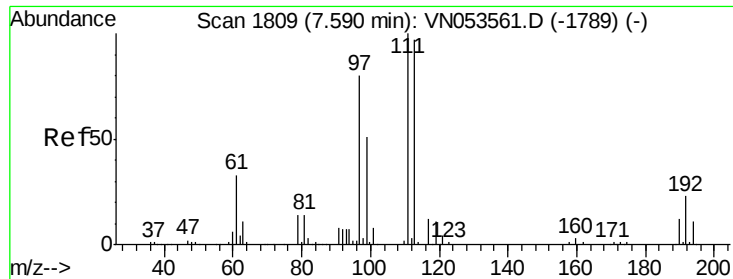
Tot Ion: 65 Resp: 341842
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053838.D
 Acq: 18 Feb 2019 13:01

Tgt Ion: 114 Resp: 1090965
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.6
 88 14.9 0.0 30.4

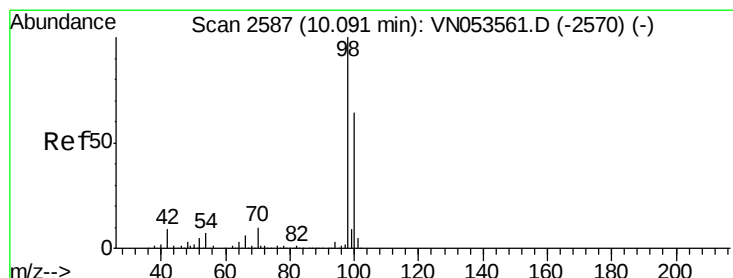
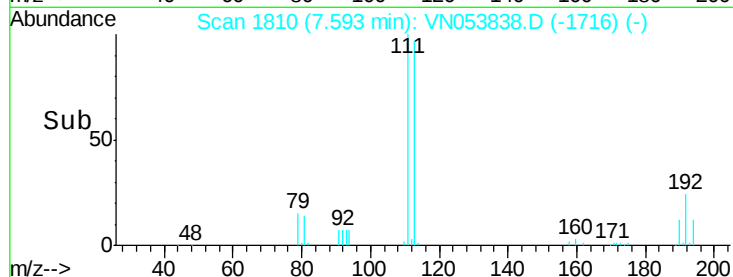
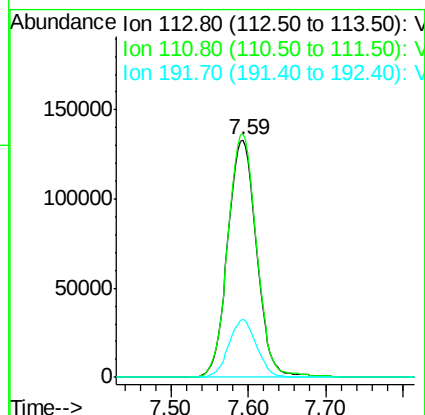
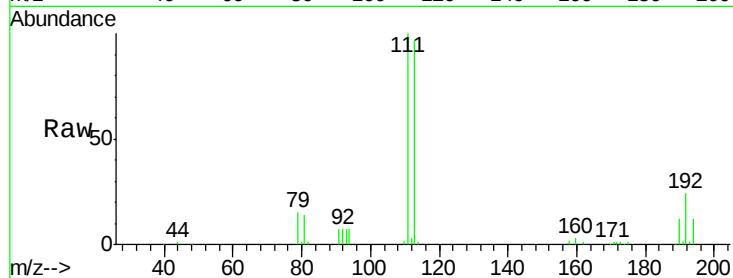




#35
 Dibromofluoromethane
 Concen: 50.092 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053838.D
 Acq: 18 Feb 2019 13:01

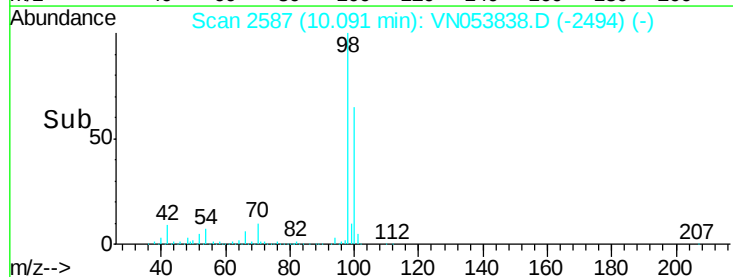
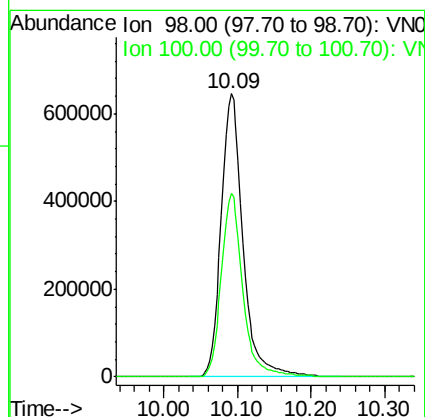
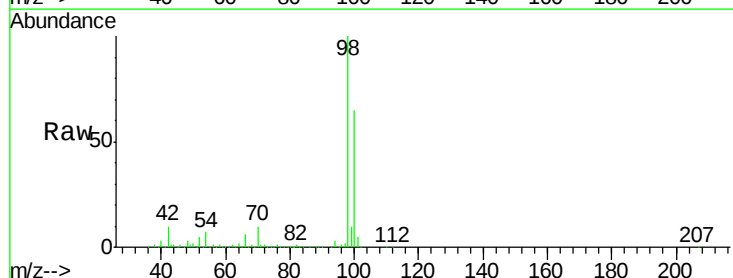
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#02

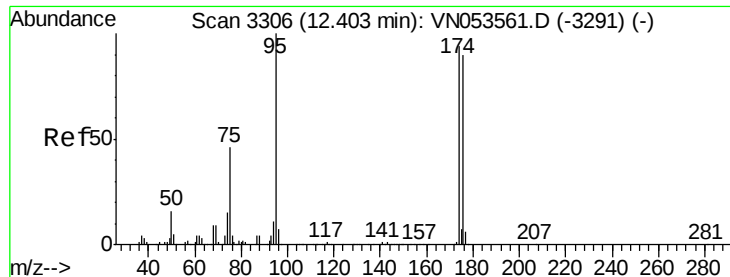
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	23.4	18.2	27.2



#50
 Toluene-d8
 Concen: 51.395 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053838.D
 Acq: 18 Feb 2019 13:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 49.067 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053838.D

Acq: 18 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#02

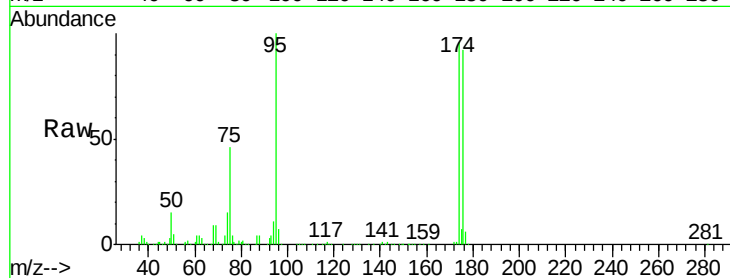
Tot Ion: 95 Resp: 423576

Ion Ratio Lower Upper

95 100

174 95.3 0.0 183.2

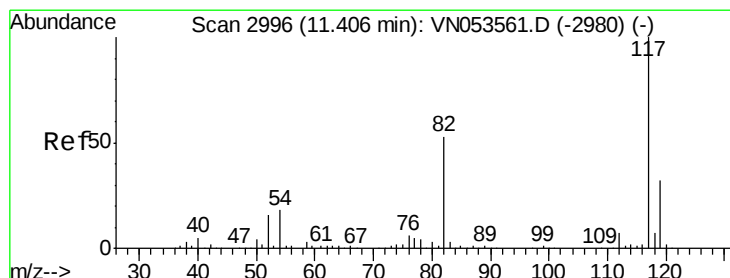
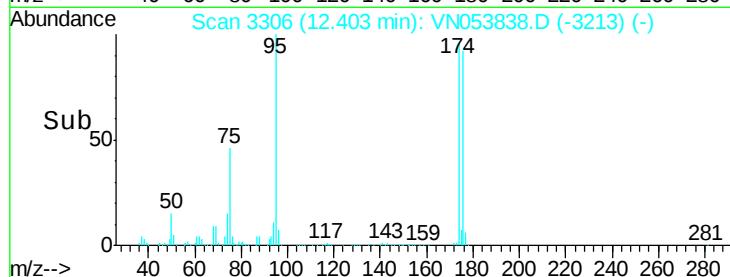
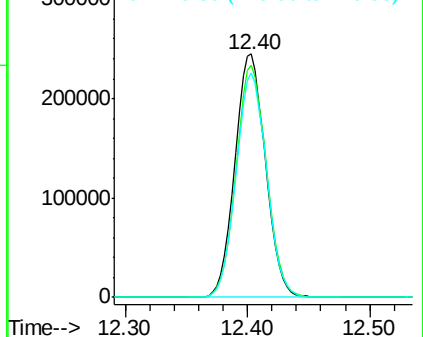
176 91.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053838.D

Acq: 18 Feb 2019 13:01

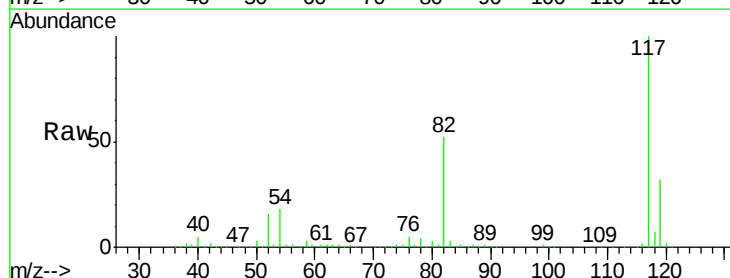
Tgt Ion: 117 Resp: 1014308

Ion Ratio Lower Upper

117 100

82 51.8 42.9 64.3

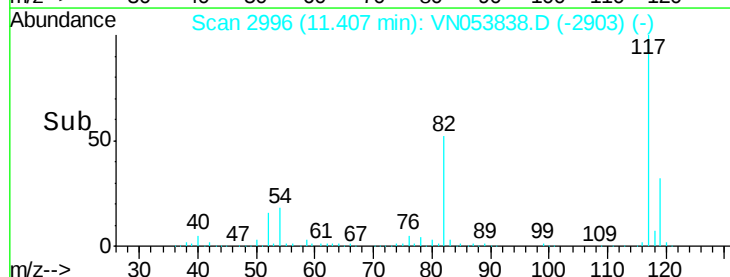
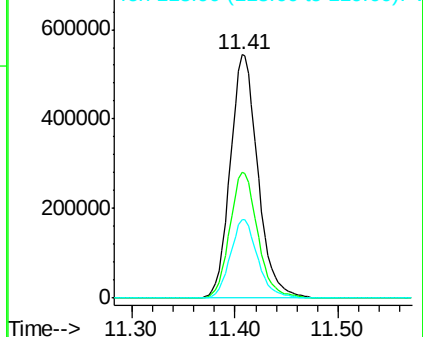
119 32.4 26.0 39.0

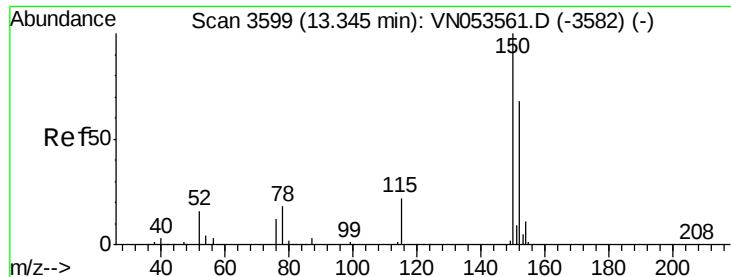


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053838.D

Acq: 18 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#02

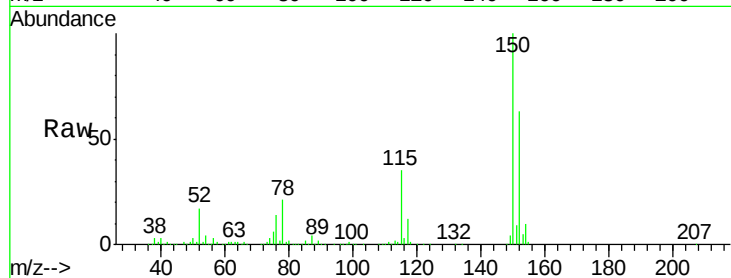
Tot Ion:152 Resp: 367123

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

150 160.3 0.0 349.0



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

