

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050055.D
 Acq On : 25 Jul 2018 20:35
 Operator : MD\SY
 Sample : PB111424ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#02

Quant Time: Jul 26 07:19:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

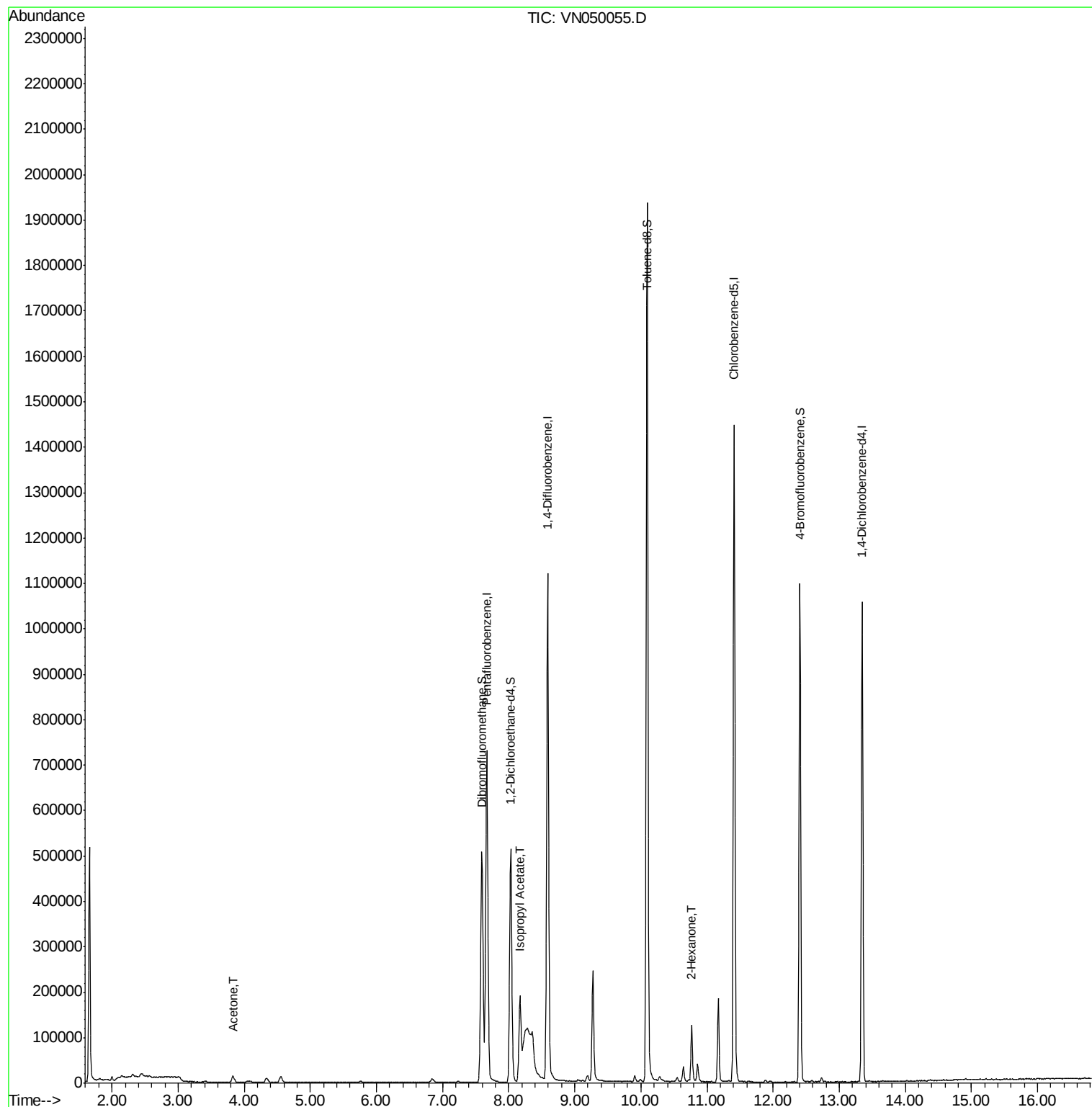
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444367	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	7.60	113	387055	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
50) Toluene-d8	10.09	98	1387330	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
62) 4-Bromofluorobenzene	12.41	95	373684	37.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.44%	
Target Compounds						
16) Acetone	3.83	43	23646	7.37	ug/l	99
43) Isopropyl Acetate	8.17	43	231624	14.60	ug/l	97
59) 2-Hexanone	10.77	43	18093	8.25	ug/l #	57

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072518\
Data File : VN050055.D
Acq On : 25 Jul 2018 20:35
Operator : MD\SY
Sample : PB111424ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#02

Quant Time: Jul 26 07:19:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050055.D

Acq: 25 Jul 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

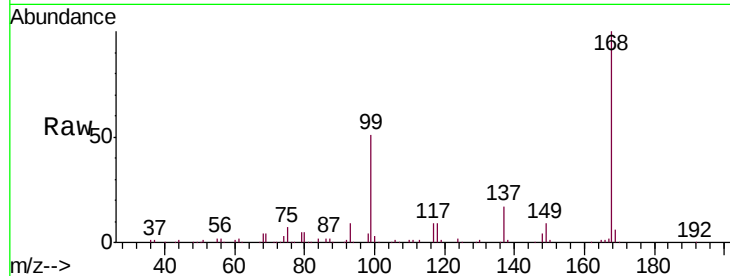
PB111424ZHE#02

Tot Ion:168 Resp: 621005

Ion Ratio Lower Upper

168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

150000

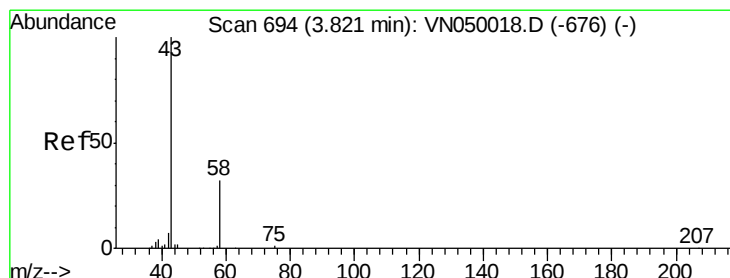
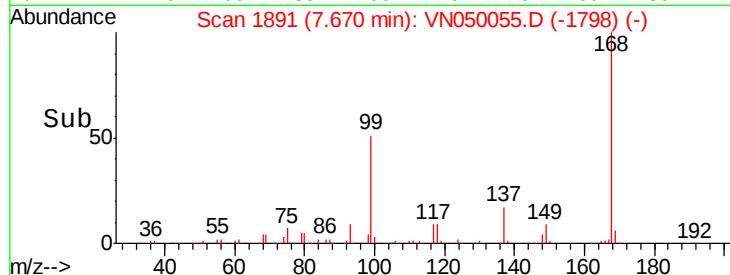
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.37 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050055.D

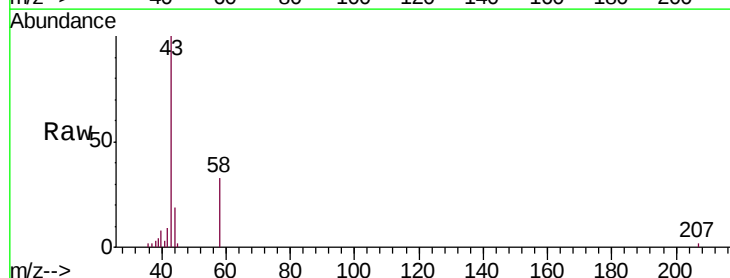
Acq: 25 Jul 2018 20:35

Tgt Ion: 43 Resp: 23646

Ion Ratio Lower Upper

43 100

58 32.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

10000

8000

6000

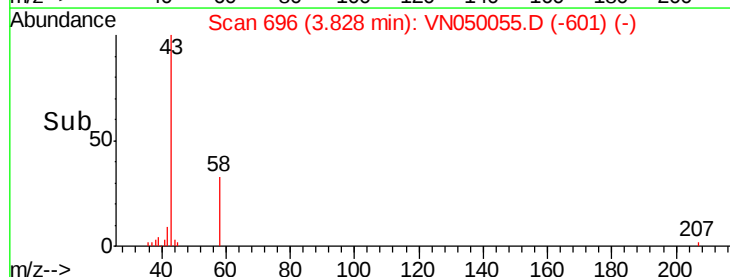
4000

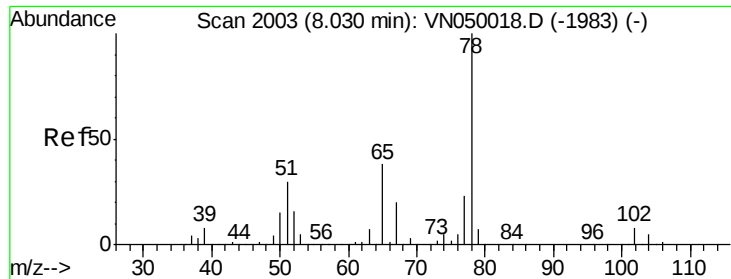
2000

0

3.70 3.80 3.90

Time-->

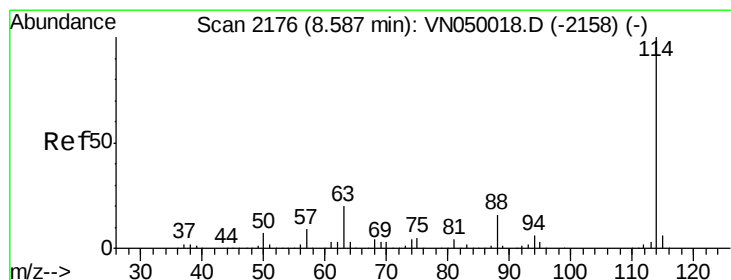
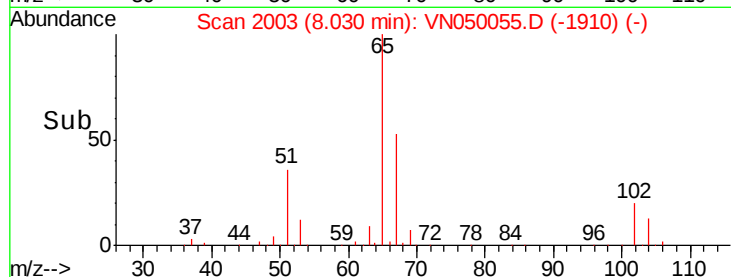
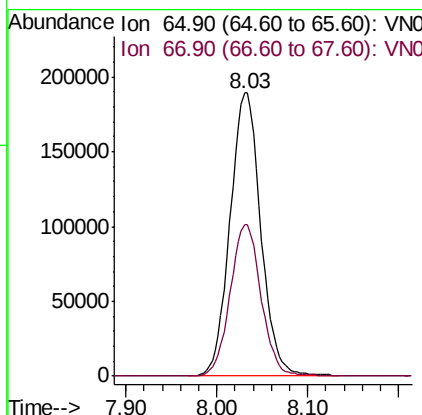
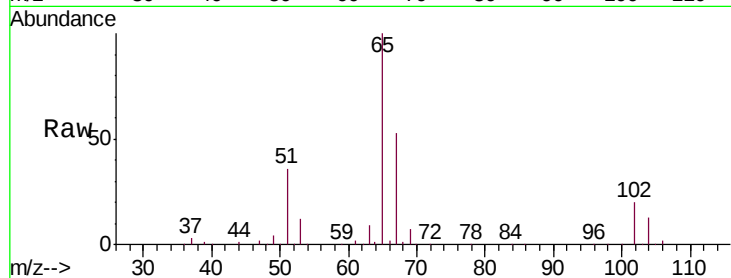




#33
 1,2-Dichloroethane-d4
 Concen: 51.29 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050055.D
 Acq: 25 Jul 2018 20:35

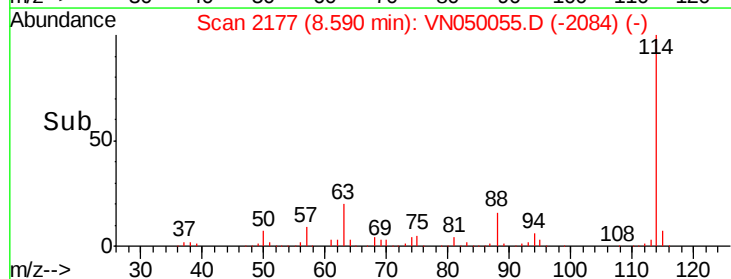
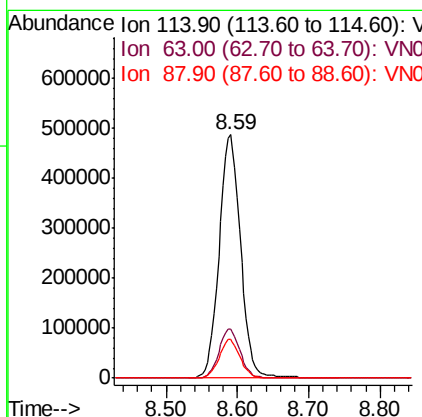
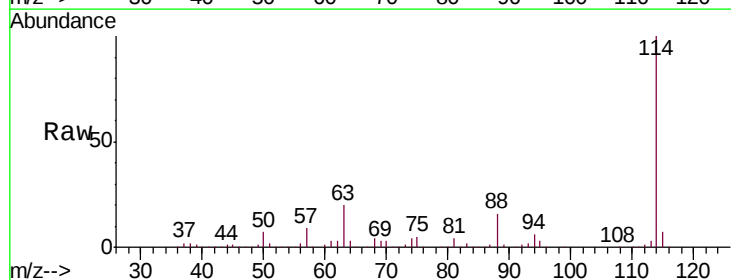
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#02

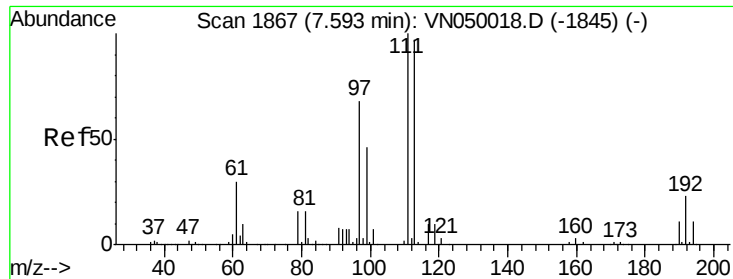
Tot Ion: 65 Resp: 444367
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050055.D
 Acq: 25 Jul 2018 20:35

Tgt Ion: 114 Resp: 1015872
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.9 0.0 31.2

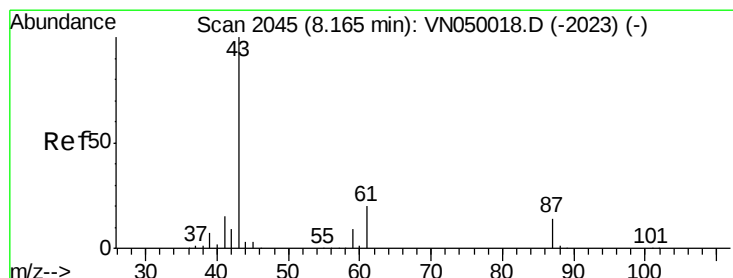
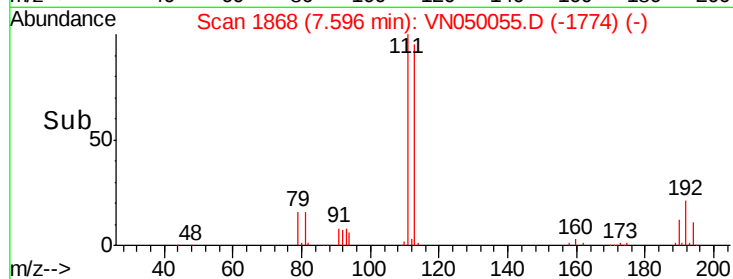
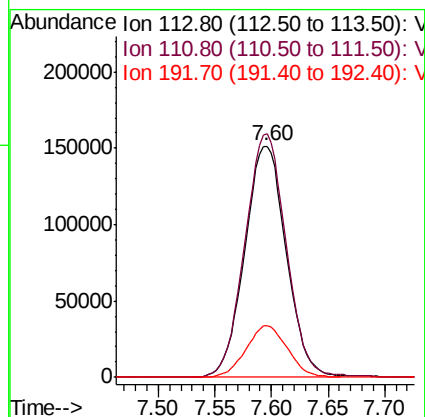
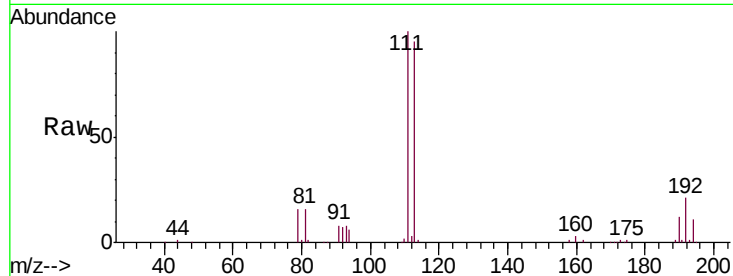




#35
 Dibromofluoromethane
 Concen: 46.67 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050055.D
 Acq: 25 Jul 2018 20:35

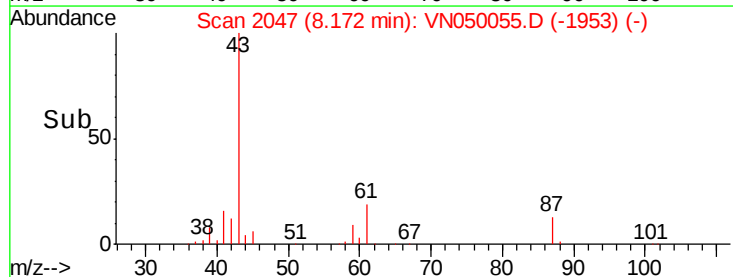
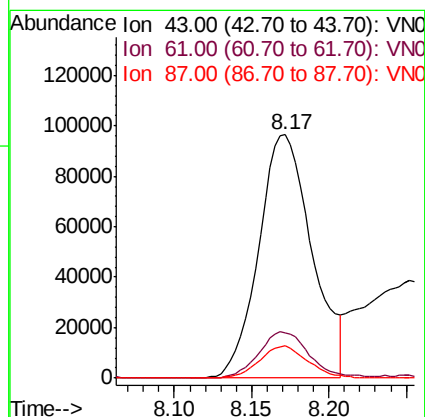
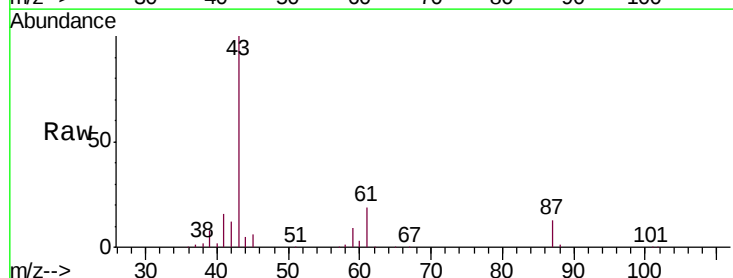
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#02

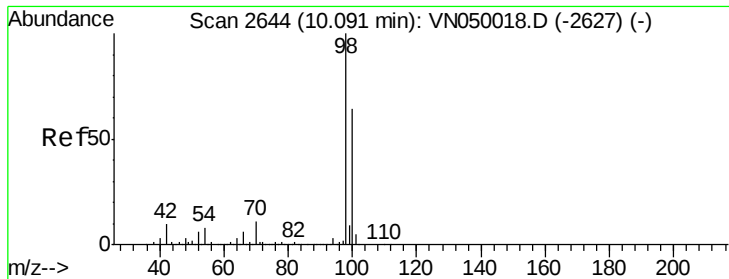
Tot Ion:113 Resp: 387055
 Ion Ratio Lower Upper
 113 100
 111 105.0 80.7 121.1
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 14.60 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050055.D
 Acq: 25 Jul 2018 20:35

Tgt Ion: 43 Resp: 231624
 Ion Ratio Lower Upper
 43 100
 61 18.2 15.8 23.6
 87 11.9 10.3 15.5





#50

Toluene-d8

Concen: 45.50 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050055.D

Acq: 25 Jul 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

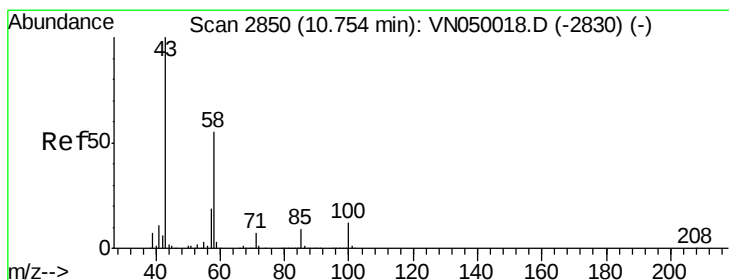
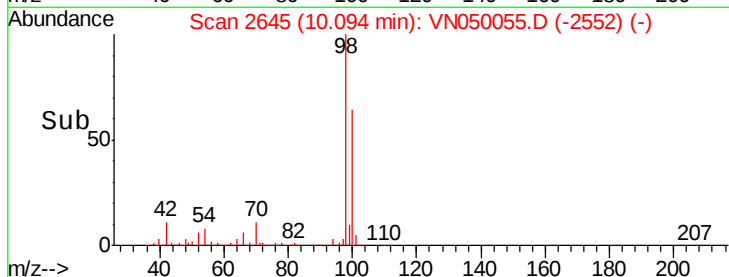
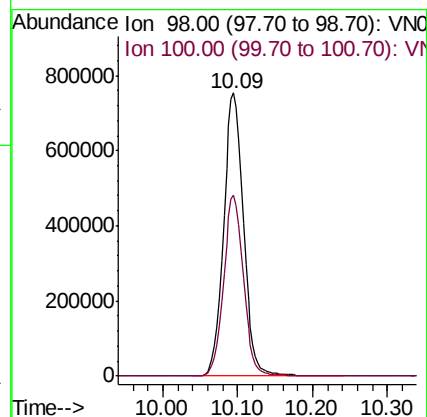
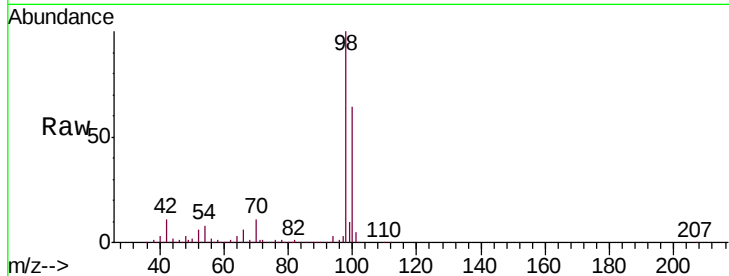
PB111424ZHE#02

Tot Ion: 98 Resp: 1387330

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#59

2-Hexanone

Concen: 8.25 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050055.D

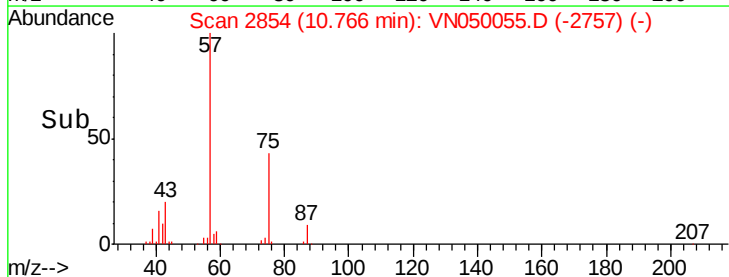
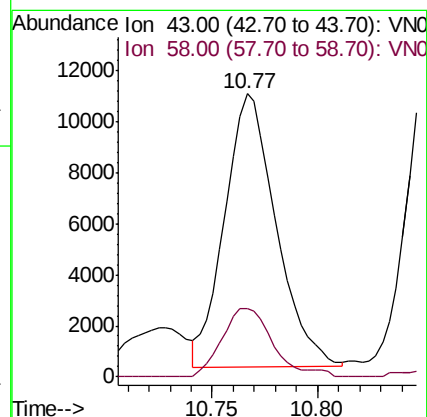
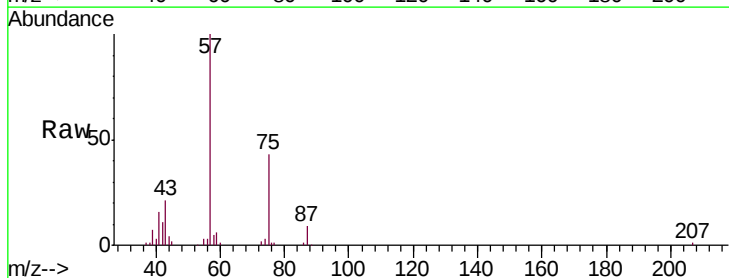
Acq: 25 Jul 2018 20:35

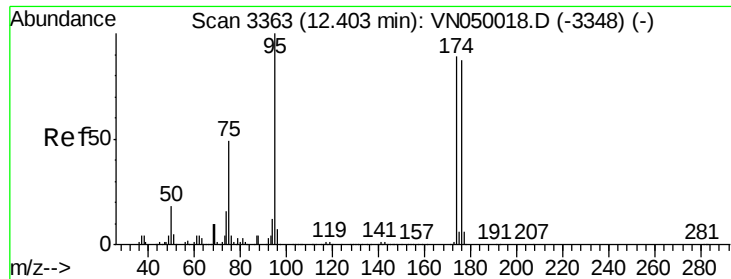
Tgt Ion: 43 Resp: 18093

Ion Ratio Lower Upper

43 100

58 24.0 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 37.22 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050055.D

Acq: 25 Jul 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#02

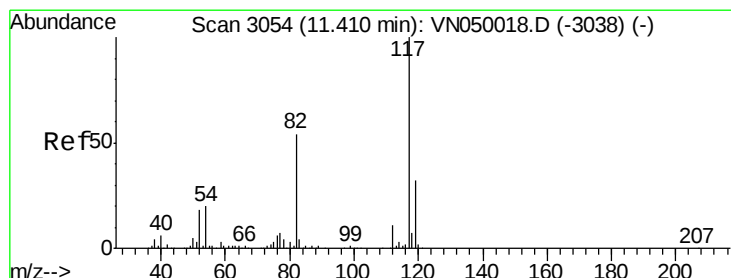
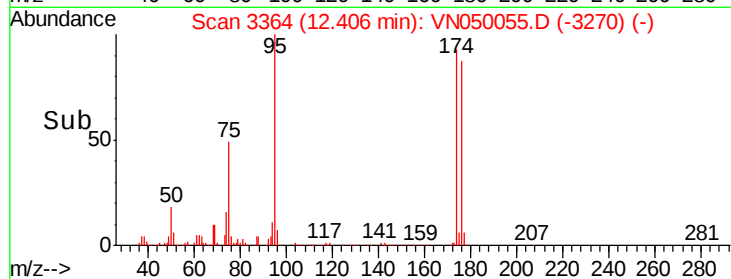
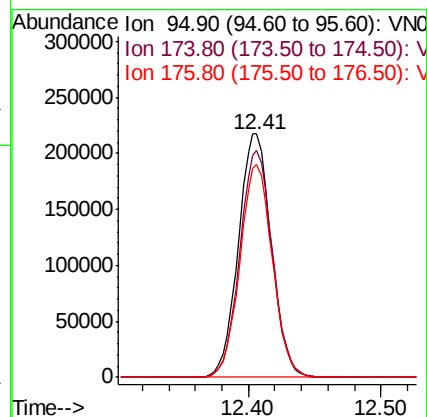
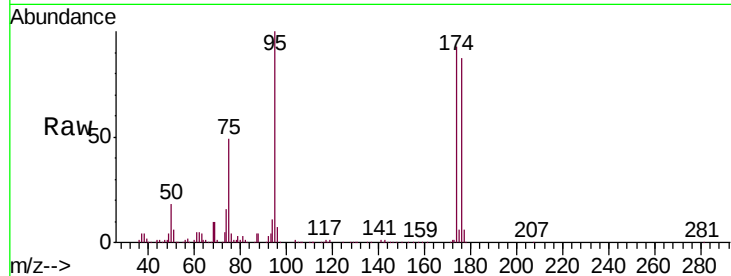
Tot Ion: 95 Resp: 373684

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.2

176 86.6 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050055.D

Acq: 25 Jul 2018 20:35

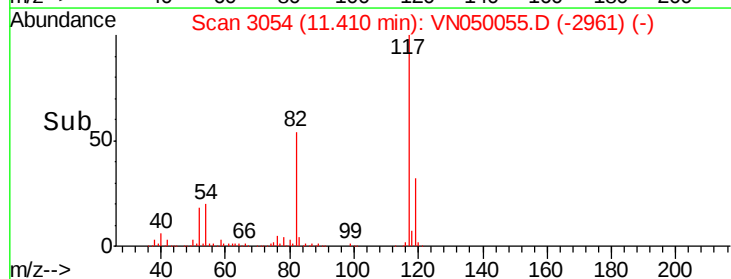
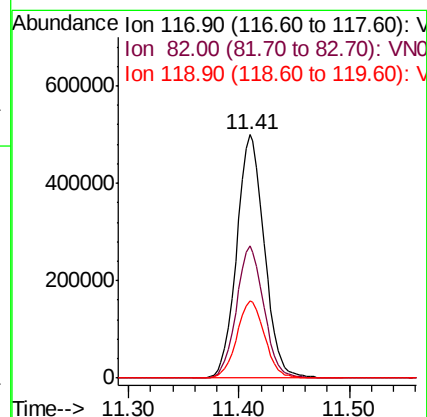
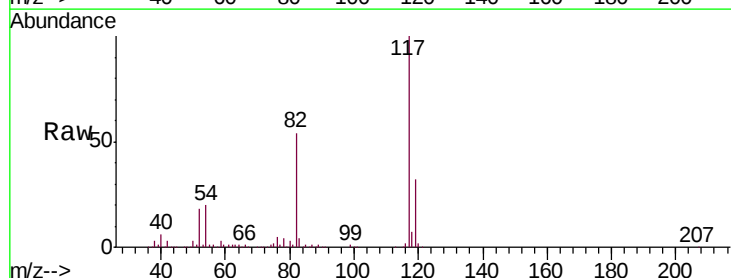
Tgt Ion: 117 Resp: 868808

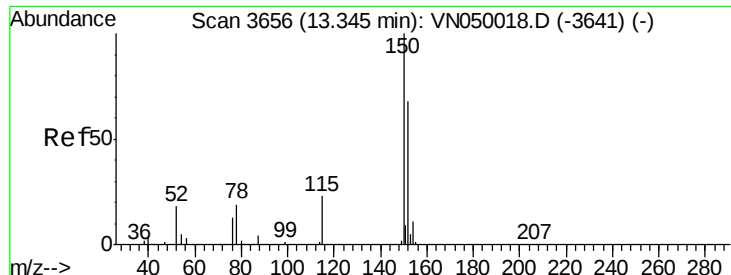
Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

119 31.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050055.D

Acq: 25 Jul 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#02

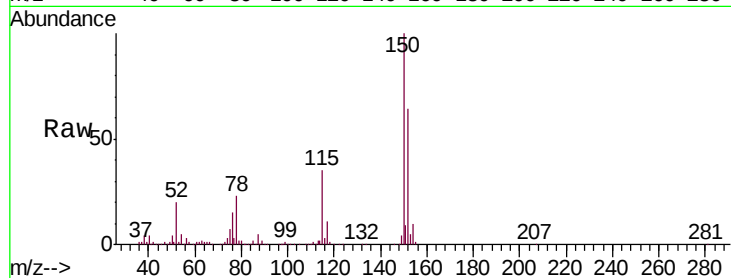
Tot Ion:152 Resp: 300376

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

150 156.6 0.0 348.6



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

