

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050571.D
 Acq On : 13 Aug 2018 16:22
 Operator : MD\SY
 Sample : PB111961ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#04

Quant Time: Aug 14 02:01:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

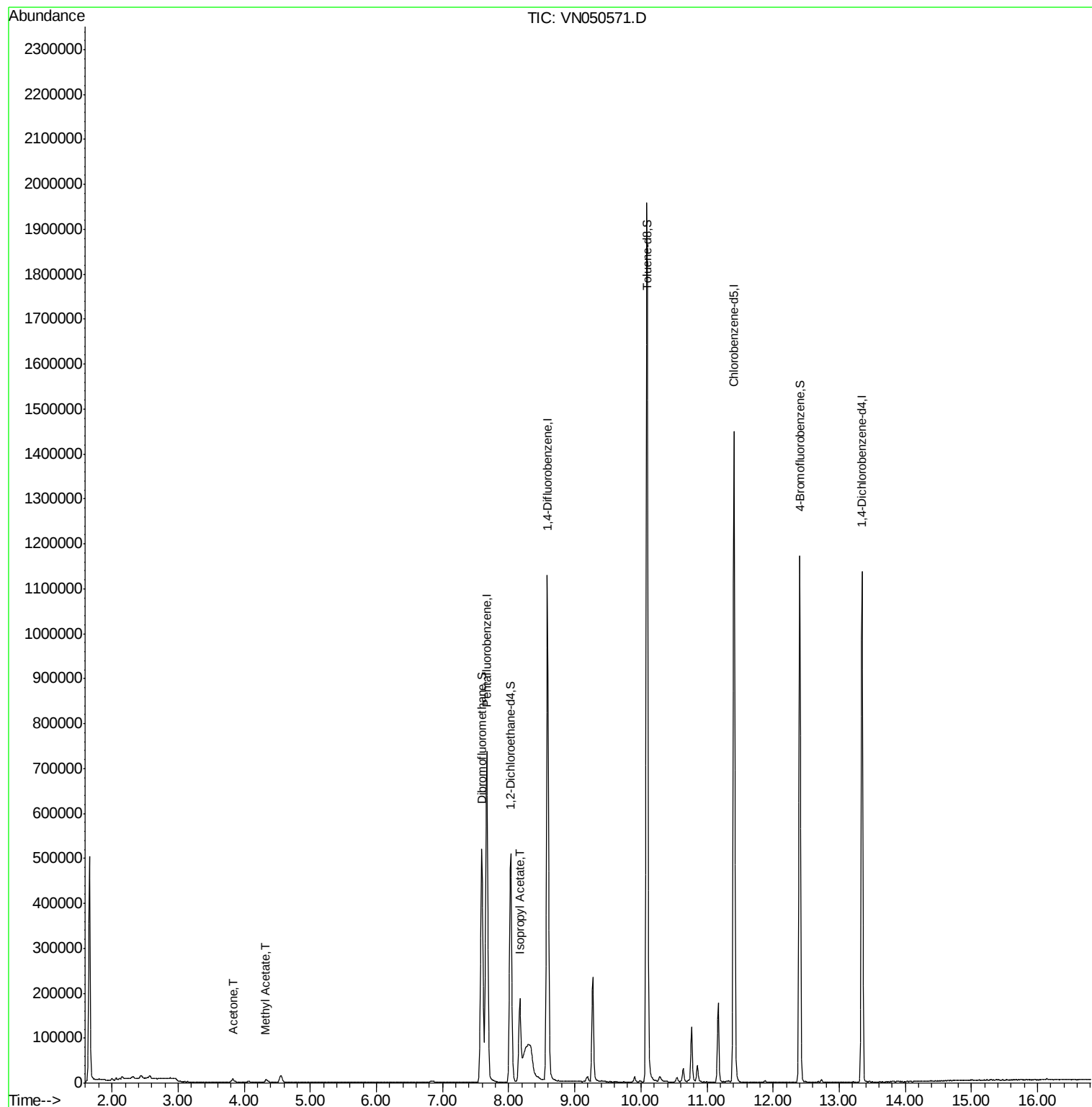
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	630321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1039846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	434490	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	7.59	113	399559	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	10.09	98	1425263	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.40	95	393072	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.52%	
Target Compounds						
16) Acetone	3.83	43	13068	4.85	ug/l	93
18) Methyl Acetate	4.33	43	12157	1.68	ug/l #	72
43) Isopropyl Acetate	8.17	43	227850	16.04	ug/l	99

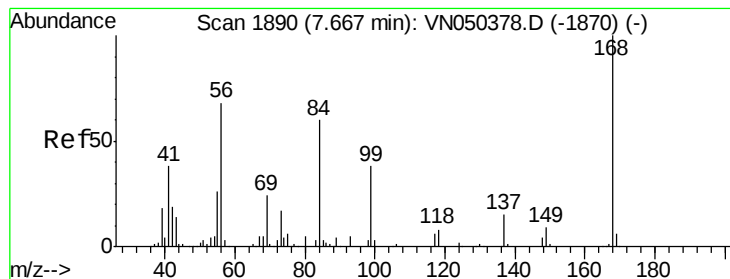
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050571.D

Acq: 13 Aug 2018 16:22

Instrument :

MSVOA_N

ClientSampleId :

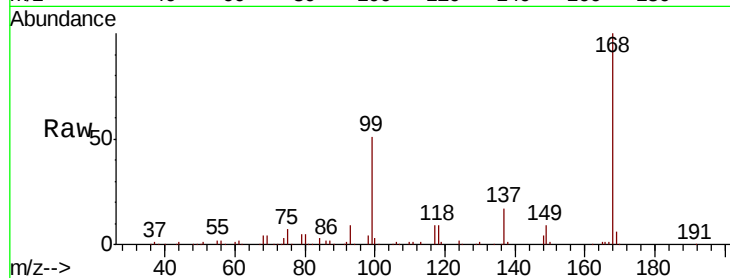
PB111961ZHE#04

Tot Ion:168 Resp: 630321

Ion Ratio Lower Upper

168 100

99 51.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050571.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050571.D (-1797) (-)

7.67

250000

200000

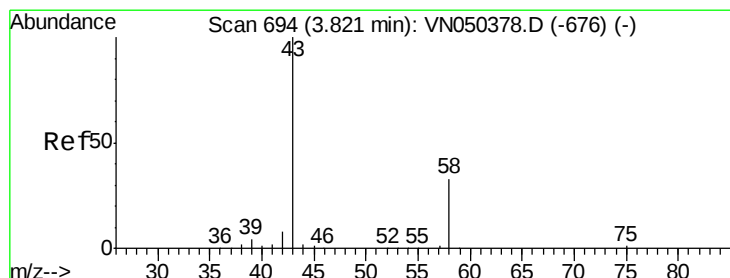
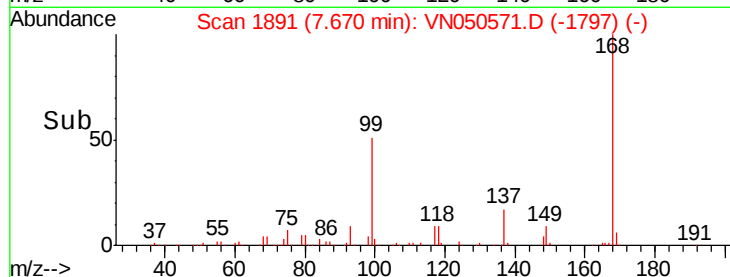
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.85 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050571.D

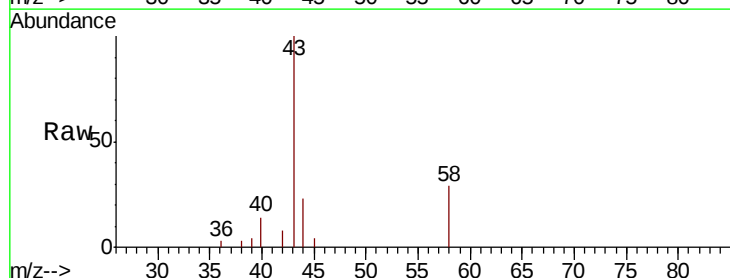
Acq: 13 Aug 2018 16:22

Tgt Ion: 43 Resp: 13068

Ion Ratio Lower Upper

43 100

58 28.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050571.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050571.D (-601) (-)

3.83

5000

4000

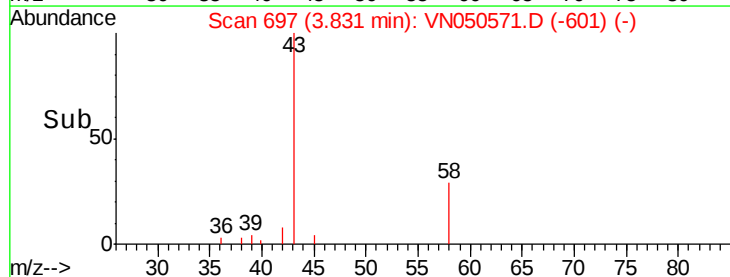
3000

2000

1000

0

Time-->

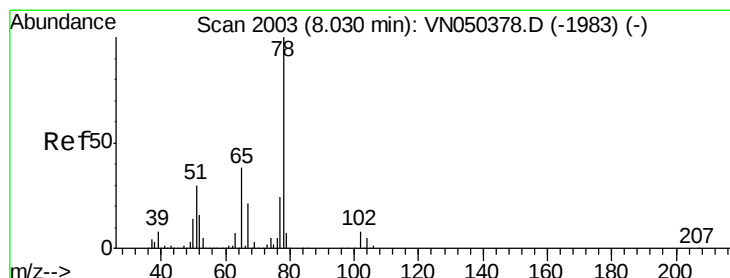
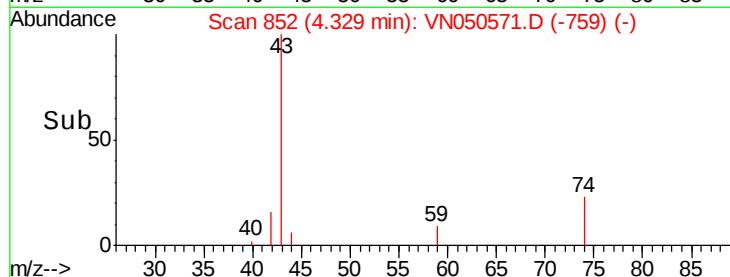
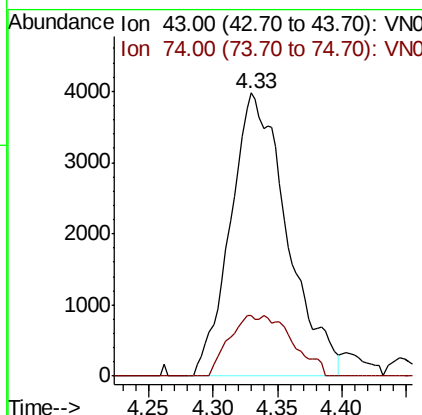
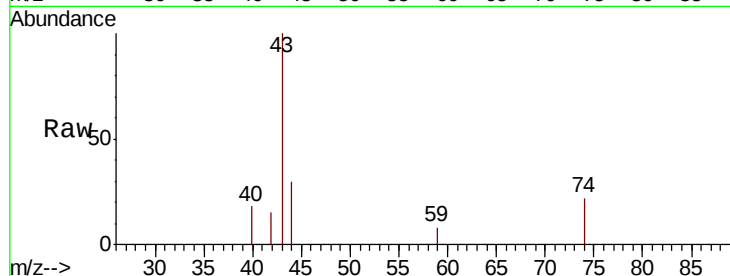




#18
Methvl Acetate
Concen: 1.68 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050571.D
Acq: 13 Aug 2018 16:22

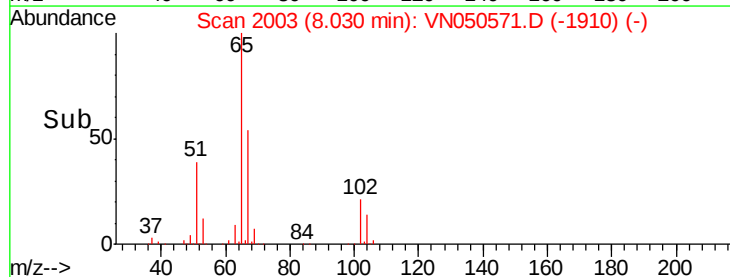
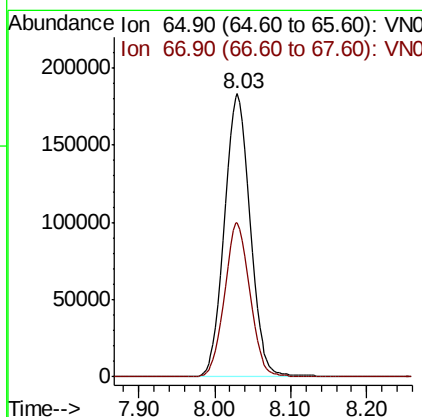
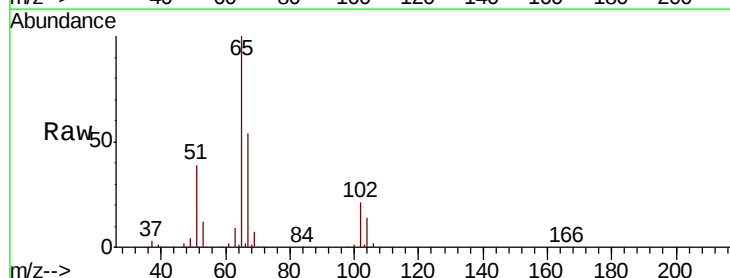
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#04

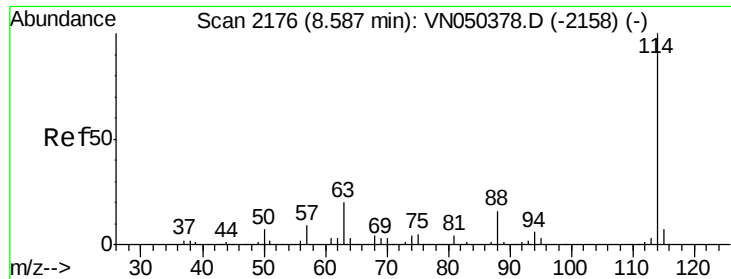
Tot Ion: 43 Resp: 12157
Ion Ratio Lower Upper
43 100
74 10.2 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 51.59 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050571.D
Acq: 13 Aug 2018 16:22

Tgt Ion: 65 Resp: 434490
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.4

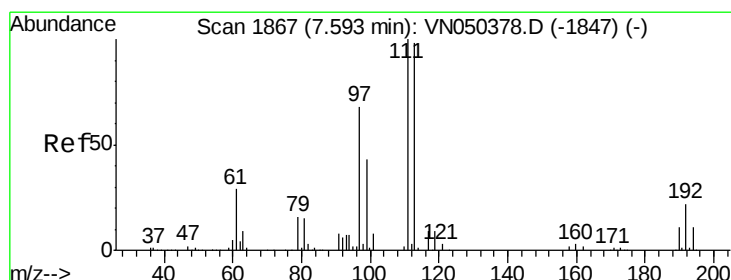
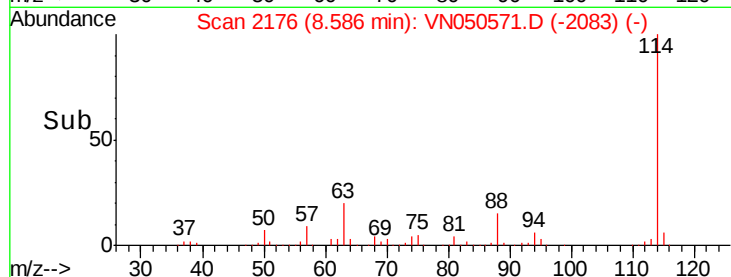
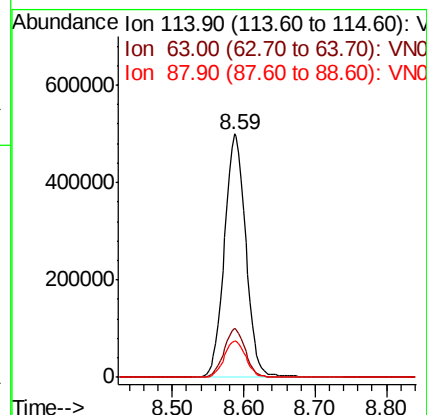
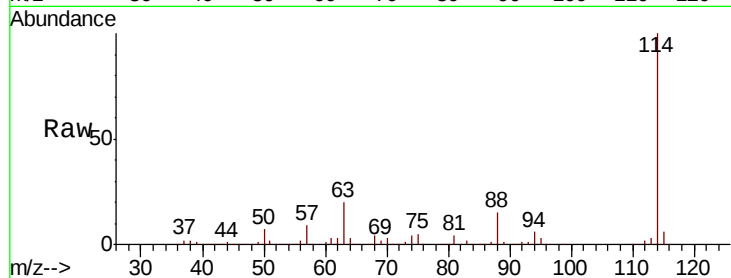




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050571.D
 Acq: 13 Aug 2018 16:22

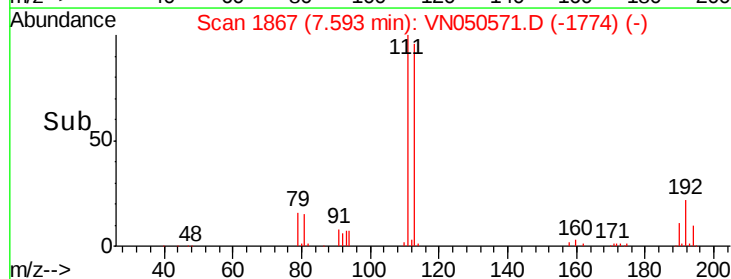
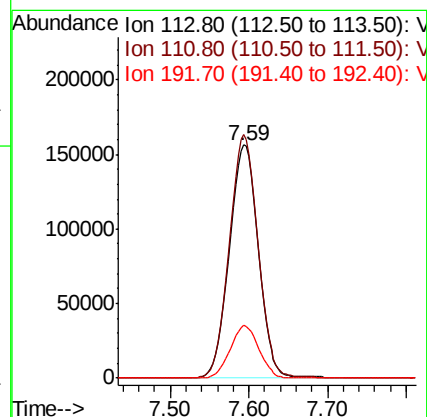
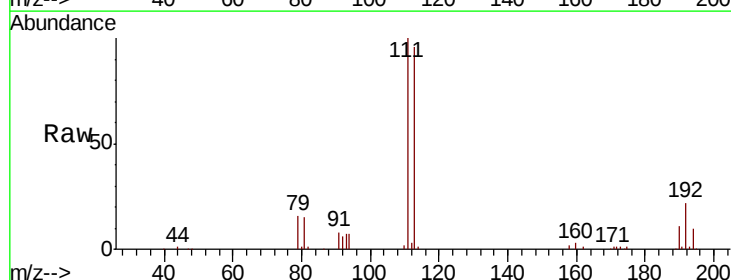
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#04

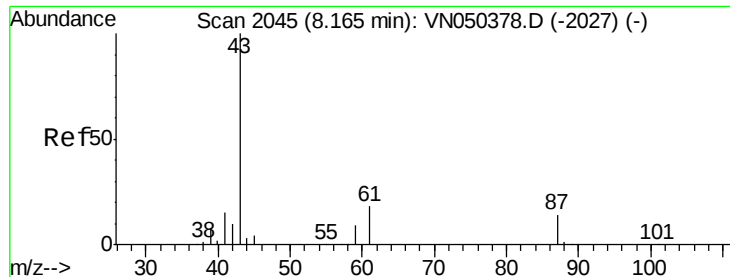
Tot Ion:114 Resp: 1039846
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.1 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.89 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050571.D
 Acq: 13 Aug 2018 16:22

Tgt Ion:113 Resp: 399559
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 22.3 17.8 26.6





#43

Isopropyl Acetate

Concen: 16.04 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN050571.D

Acq: 13 Aug 2018 16:22

Instrument :

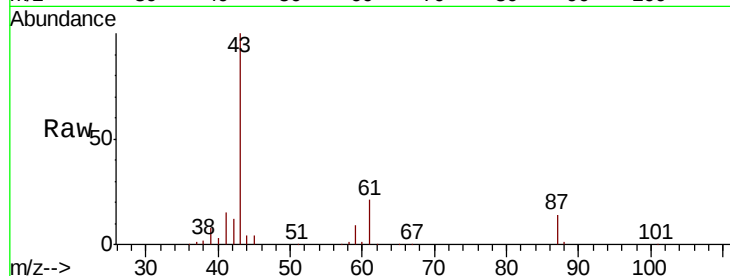
MSVOA_N

ClientSampleId :

PB111961ZHE#04

Tot Ion: 43 Resp: 227850

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.8	23.6
87	12.7	10.3	15.5

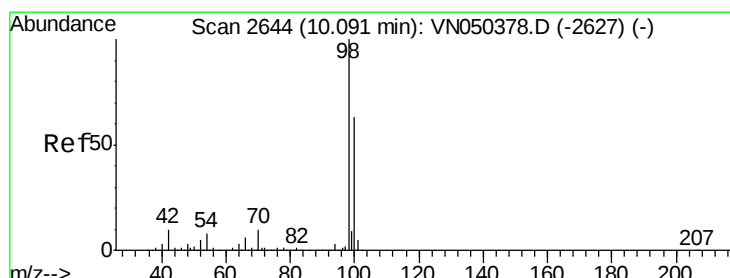
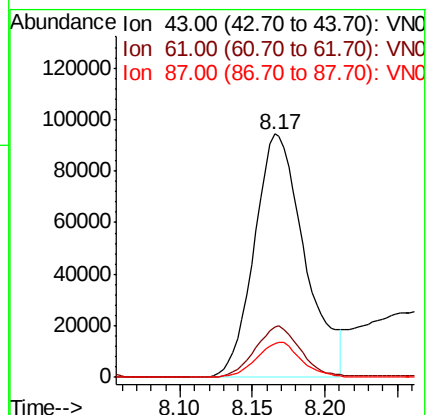
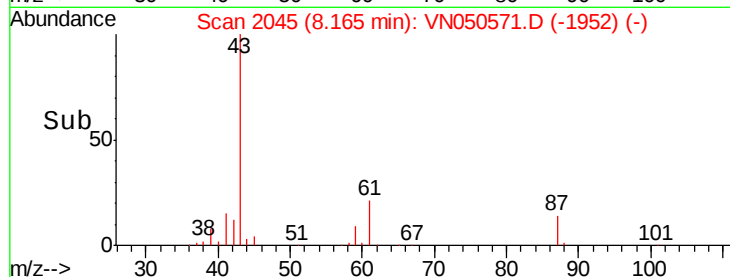


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.43 ug/l

RT: 10.09 min Scan# 2644

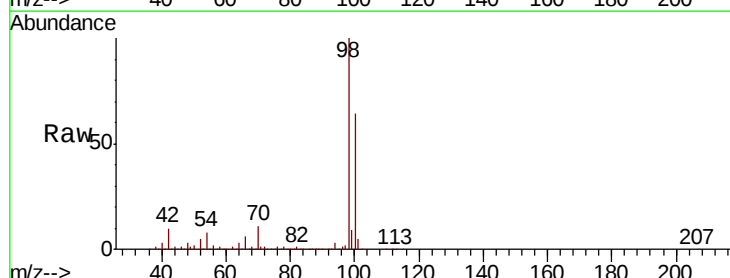
Delta R.T. -0.00 min

Lab File: VN050571.D

Acq: 13 Aug 2018 16:22

Tgt Ion: 98 Resp: 1425263

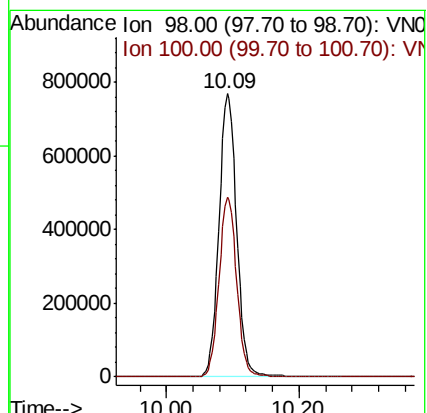
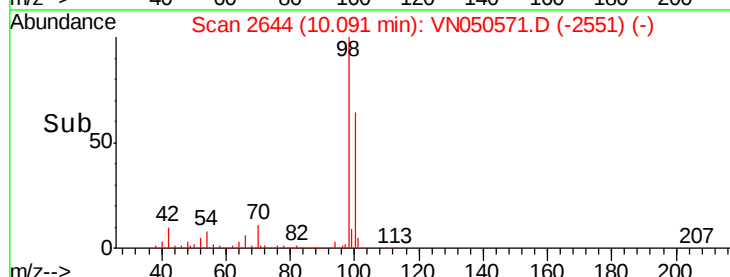
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1

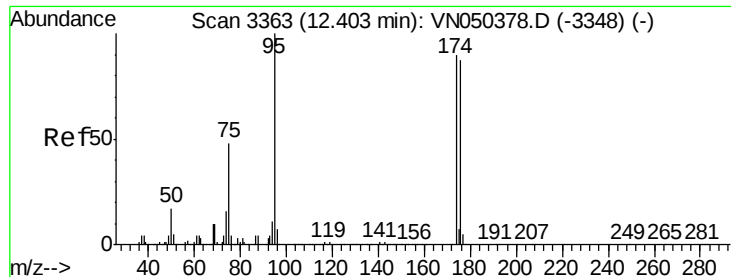


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050571.D

Acq: 13 Aug 2018 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#04

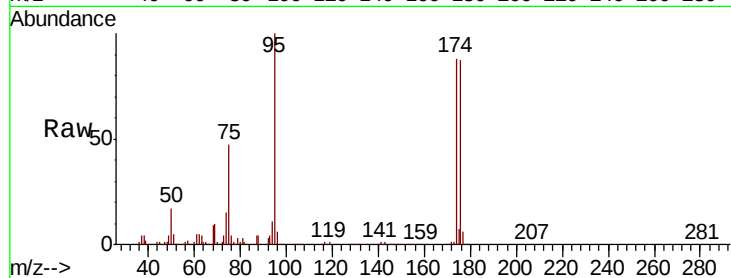
Tot Ion: 95 Resp: 393072

Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

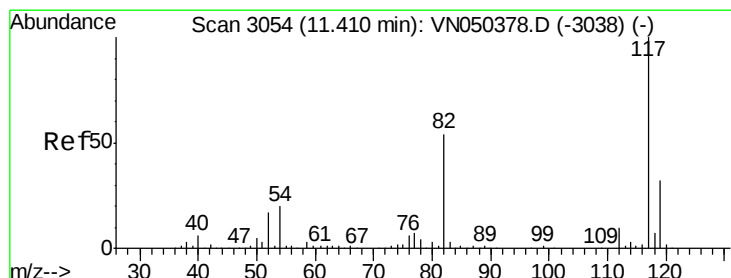
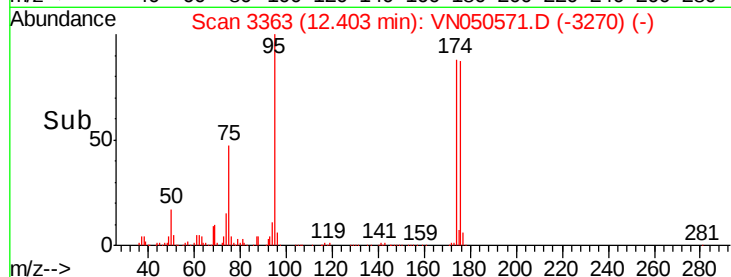
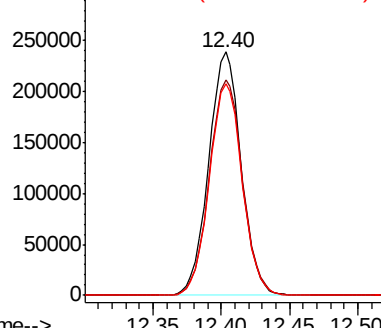
176 88.3 0.0 173.4



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: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050571.D

Acq: 13 Aug 2018 16:22

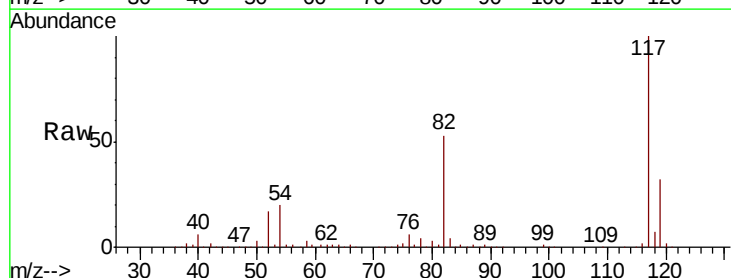
Tgt Ion: 117 Resp: 896527

Ion Ratio Lower Upper

117 100

82 52.6 43.7 65.5

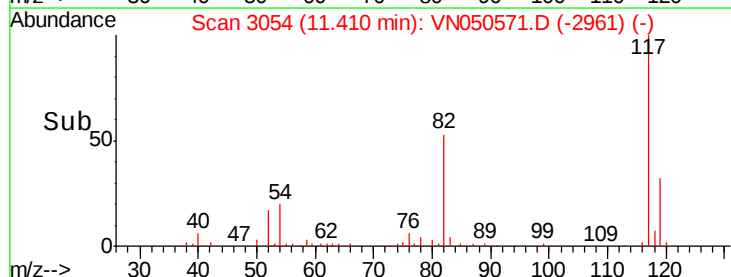
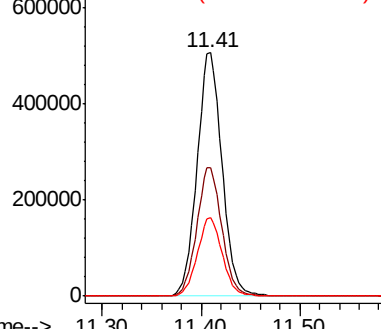
119 32.3 26.1 39.1

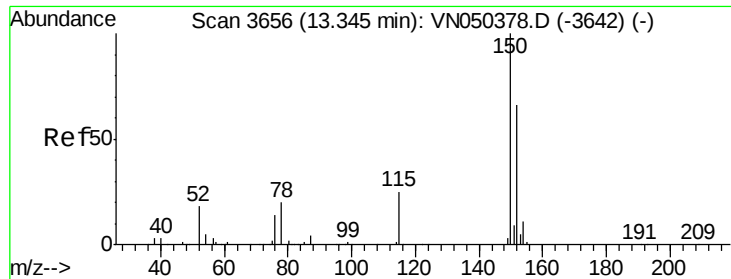


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050571.D

Acq: 13 Aug 2018 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#04

Tot Ion:152 Resp: 321068

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

150 158.3 0.0 348.6

