

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050060.D
 Acq On : 25 Jul 2018 22:39
 Operator : MD\SY
 Sample : PB111424ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#07

Quant Time: Jul 26 07:30:31 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

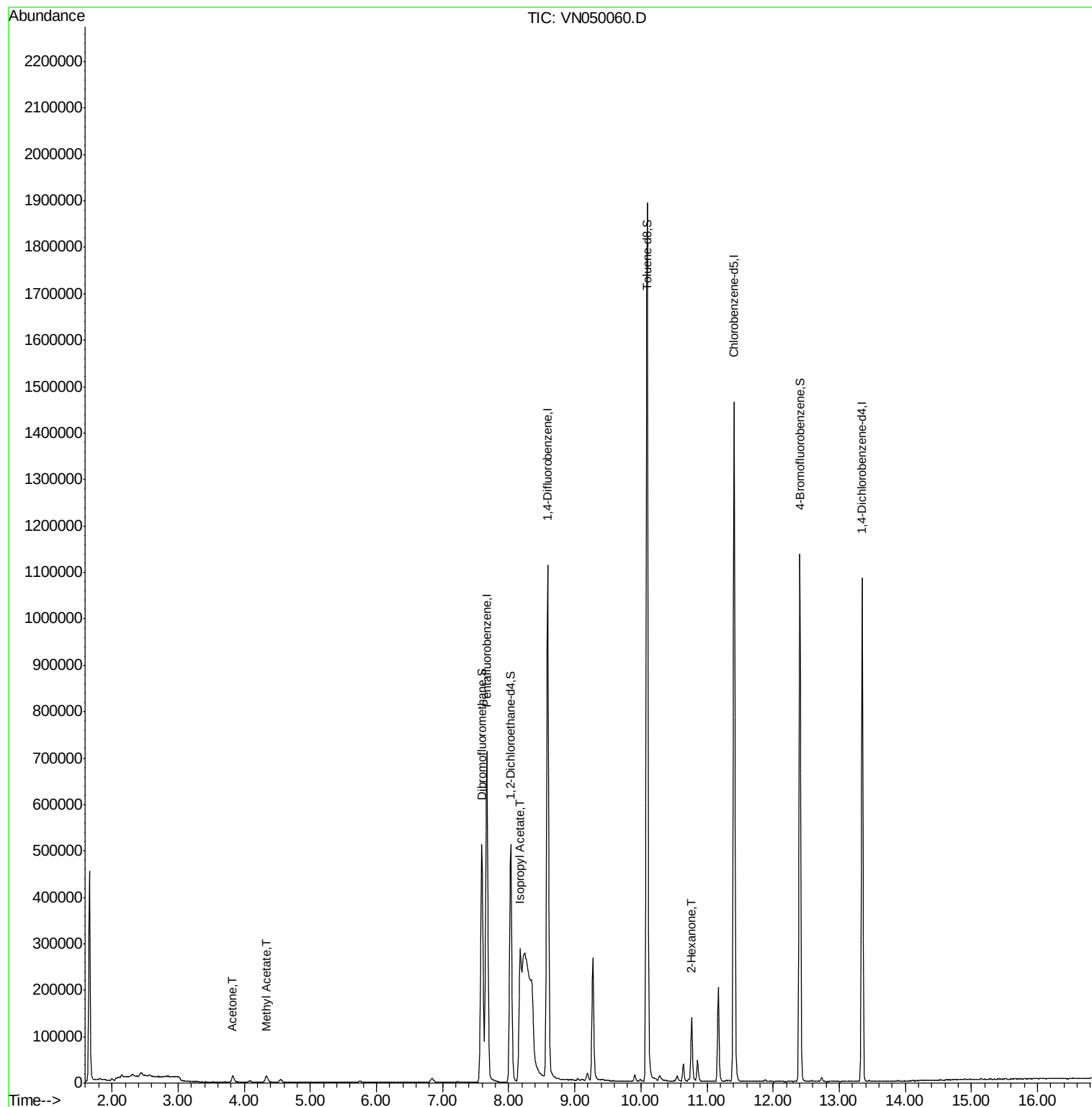
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1028583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	871787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440598	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	390541	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
50) Toluene-d8	10.09	98	1375543	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
62) 4-Bromofluorobenzene	12.40	95	377929	37.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.34%	
Target Compounds						
16) Acetone	3.82	43	23192	7.36	ug/l	94
18) Methyl Acetate	4.34	43	25543	1.70	ug/l	99
43) Isopropyl Acetate	8.17	43	337965	21.55	ug/l #	90
59) 2-Hexanone	10.77	43	20151	8.56	ug/l #	58

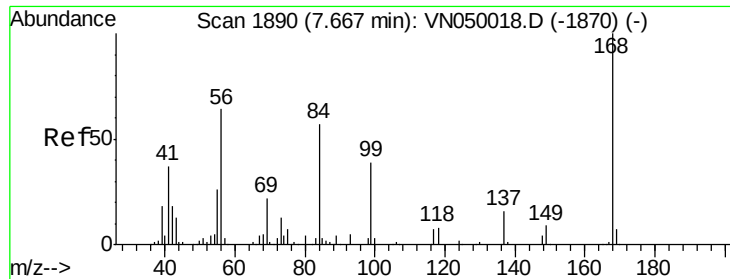
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050060.D

Acq: 25 Jul 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

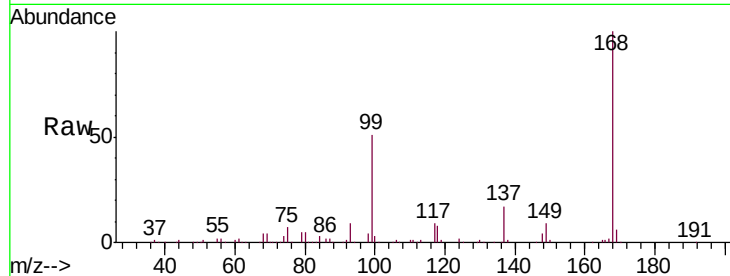
PB111424ZHE#07

Tot Ion:168 Resp: 609631

Ion Ratio Lower Upper

168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

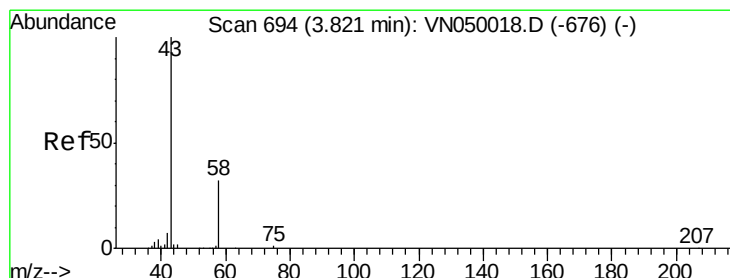
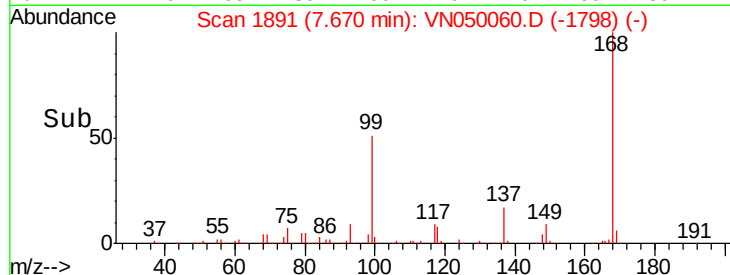
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.36 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050060.D

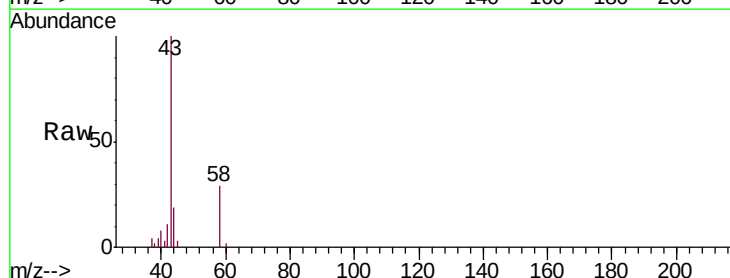
Acq: 25 Jul 2018 22:39

Tgt Ion: 43 Resp: 23192

Ion Ratio Lower Upper

43 100

58 29.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

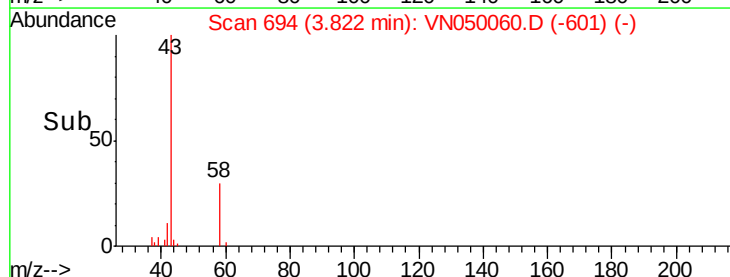
6000

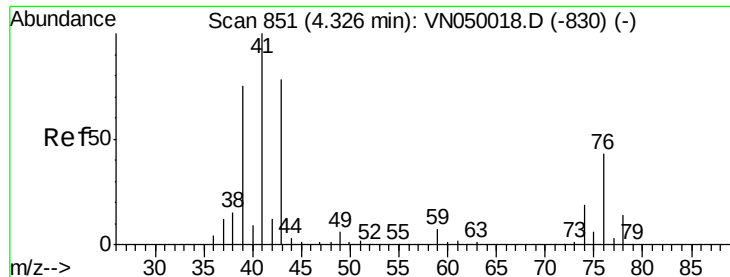
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

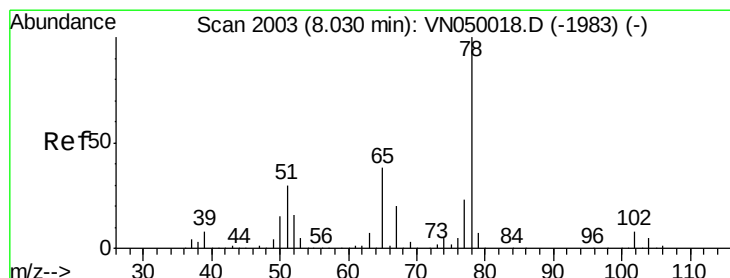
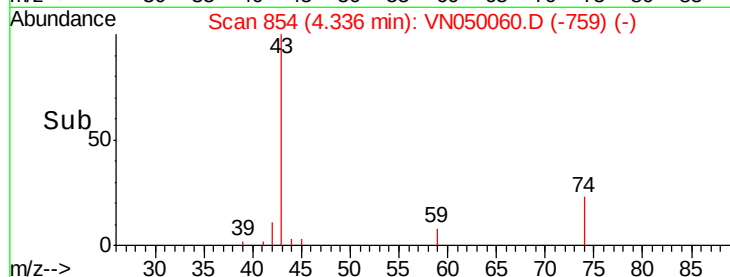
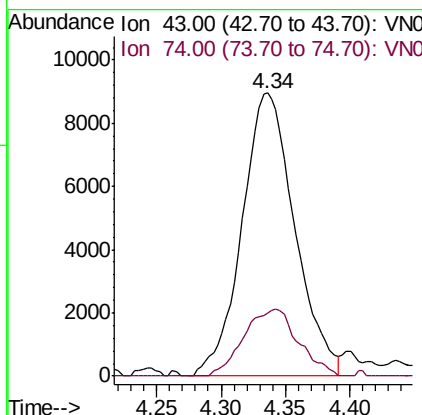
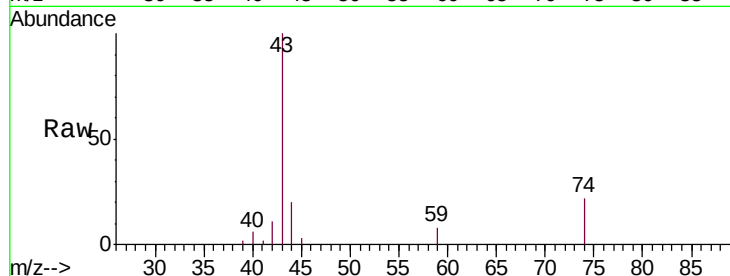




#18
Methvl Acetate
Concen: 1.70 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050060.D
Acq: 25 Jul 2018 22:39

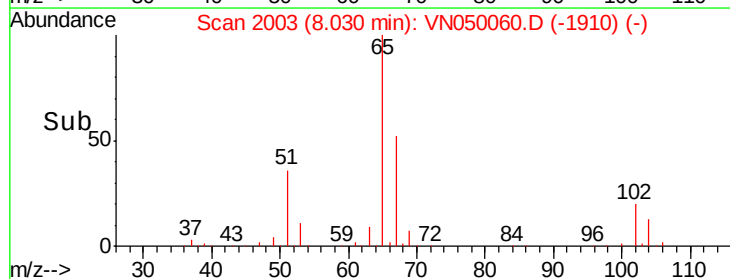
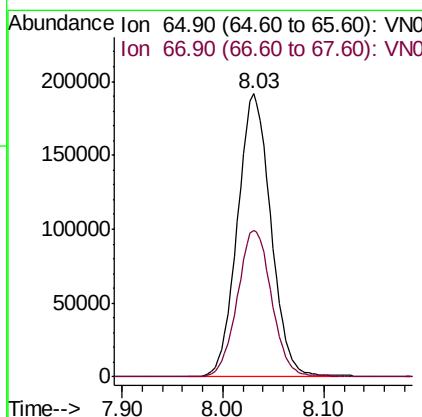
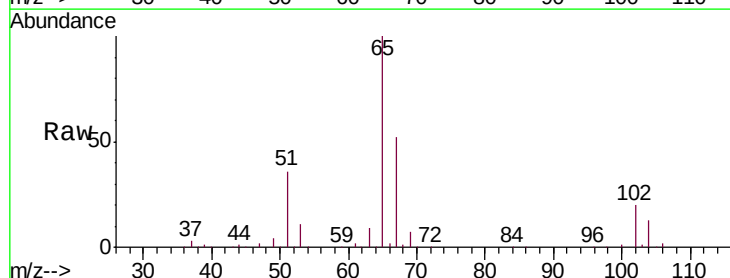
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#07

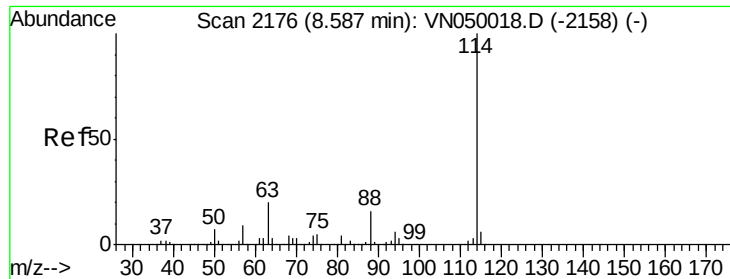
Tot Ion: 43 Resp: 25543
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 51.80 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050060.D
Acq: 25 Jul 2018 22:39

Tgt Ion: 65 Resp: 440598
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4

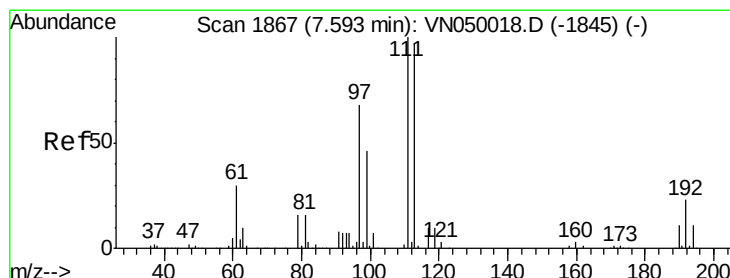
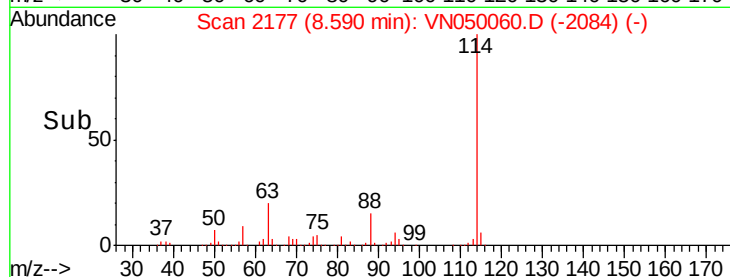
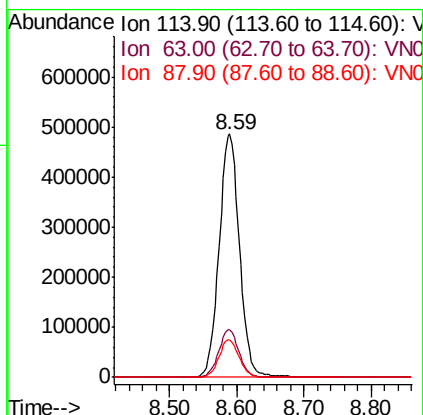
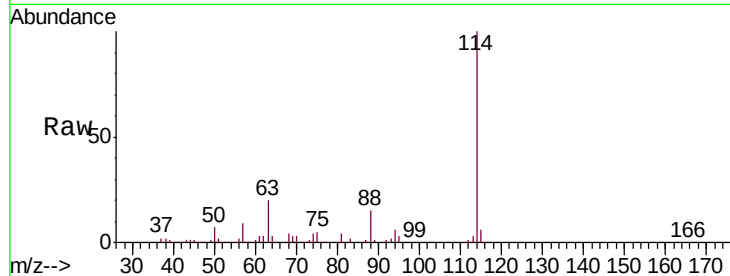




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050060.D
 Acq: 25 Jul 2018 22:39

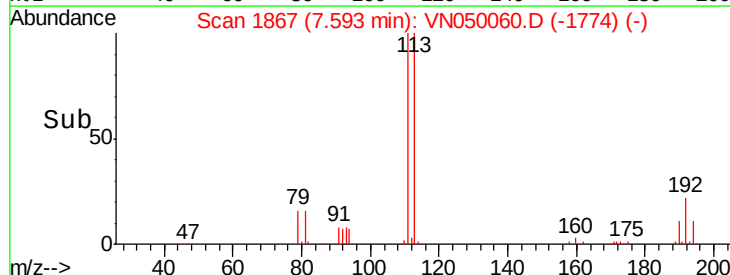
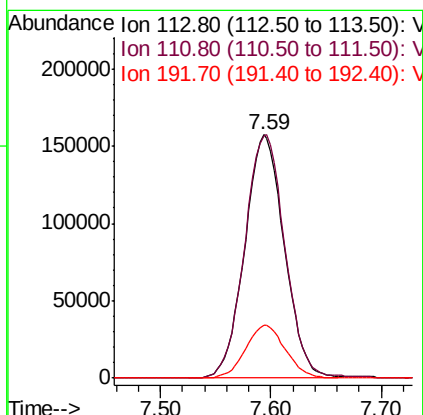
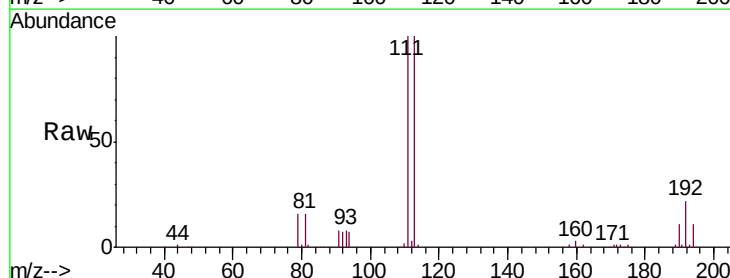
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#07

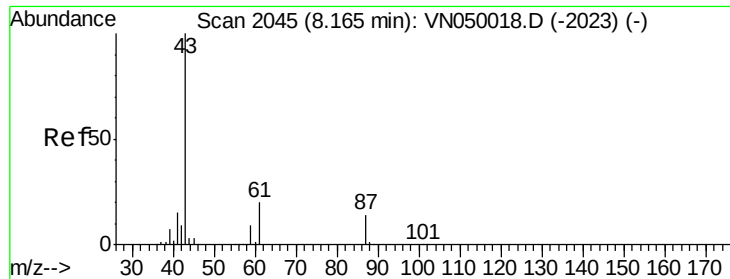
Tot Ion:114 Resp: 1028583
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 46.50 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050060.D
 Acq: 25 Jul 2018 22:39

Tgt Ion:113 Resp: 390541
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 21.9 17.8 26.6





#43

Isopropyl Acetate

Concen: 21.55 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050060.D

Acq: 25 Jul 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#07

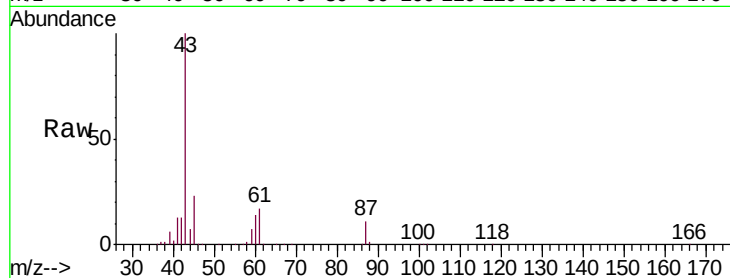
Tot Ion: 43 Resp: 337965

Ion Ratio Lower Upper

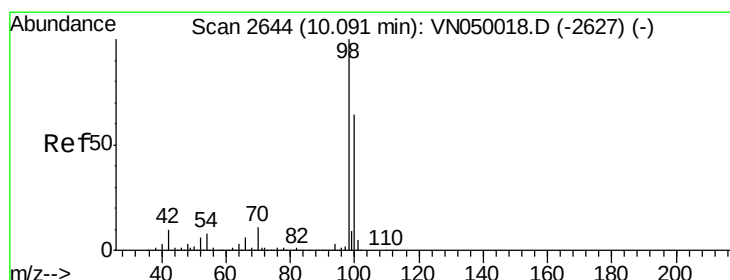
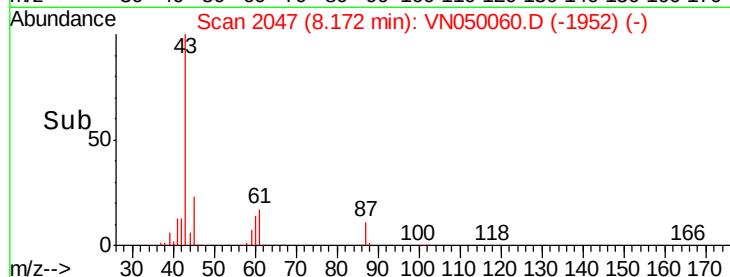
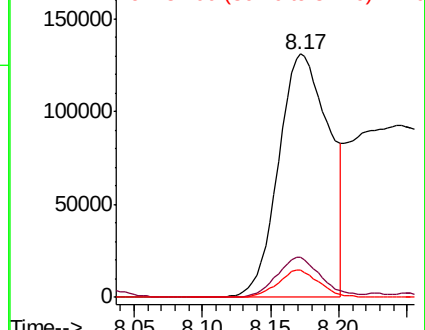
43 100

61 14.5 15.8 23.6#

87 9.4 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: 44.55 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050060.D

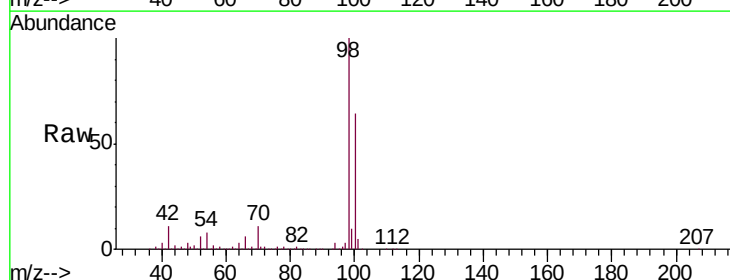
Acq: 25 Jul 2018 22:39

Tgt Ion: 98 Resp: 1375543

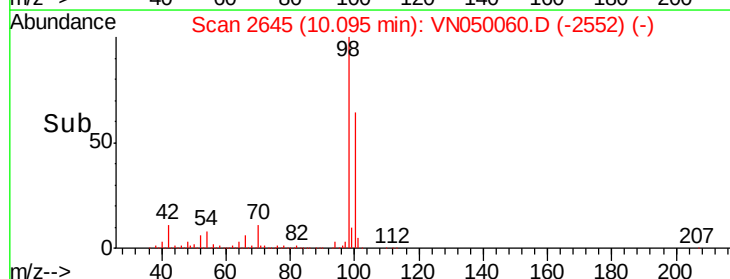
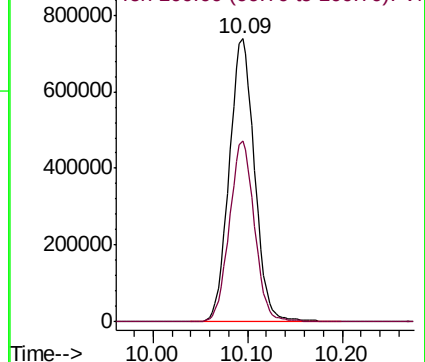
Ion Ratio Lower Upper

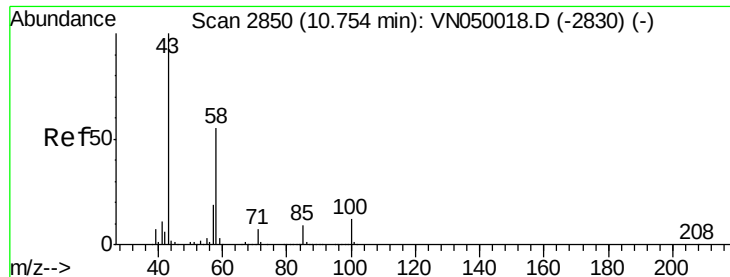
98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 8.56 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050060.D

Acq: 25 Jul 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

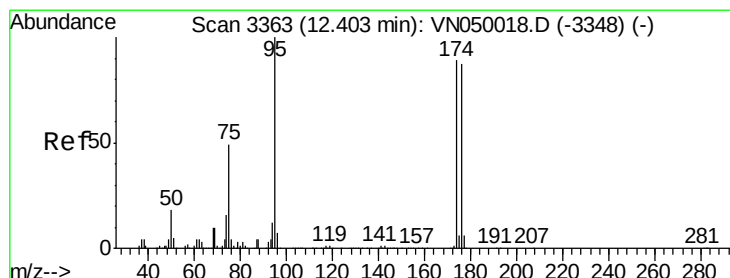
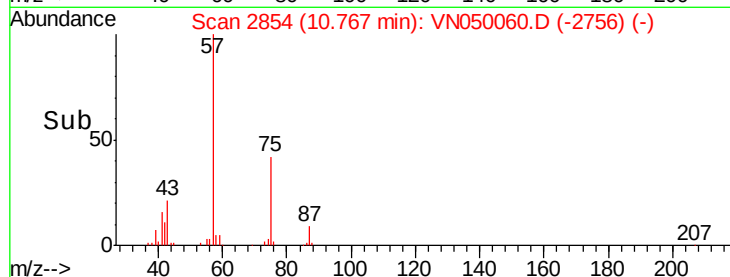
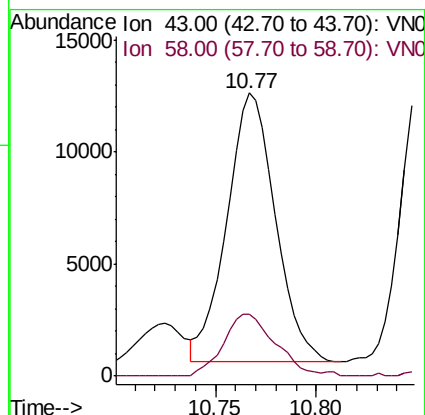
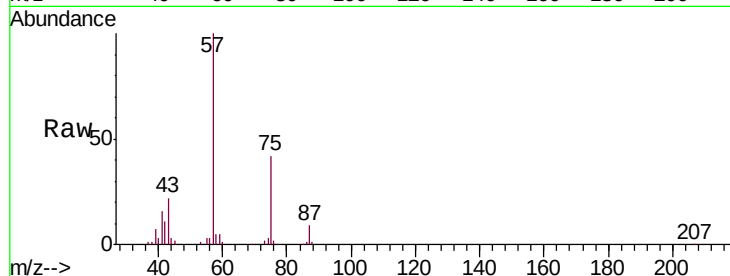
PB111424ZHE#07

Tot Ion: 43 Resp: 20151

Ion Ratio Lower Upper

43 100

58 24.8 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 37.17 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050060.D

Acq: 25 Jul 2018 22:39

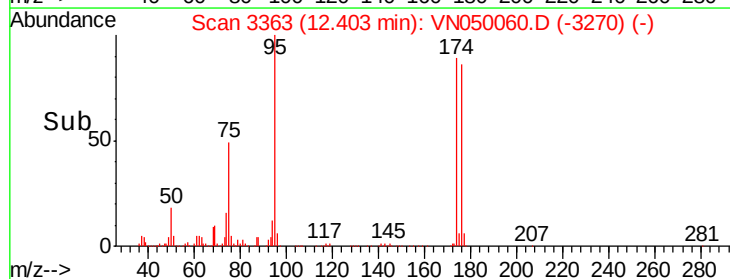
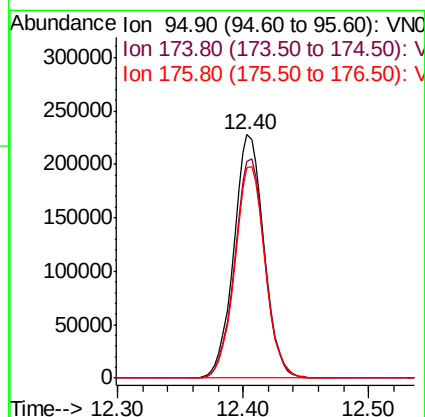
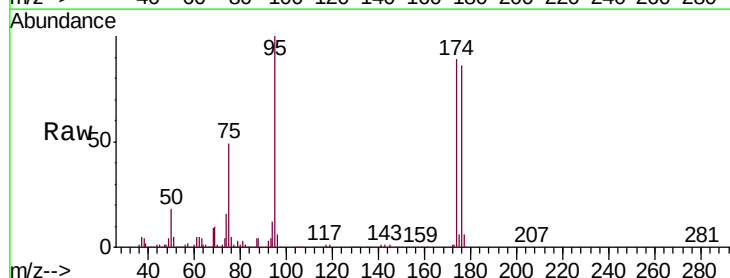
Tgt Ion: 95 Resp: 377929

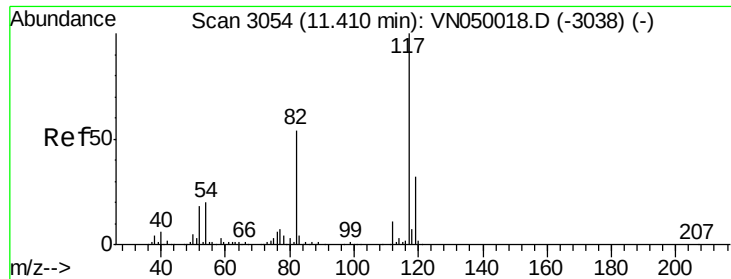
Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

176 87.5 0.0 173.4

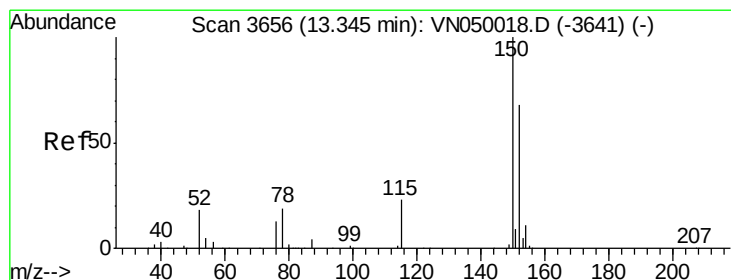
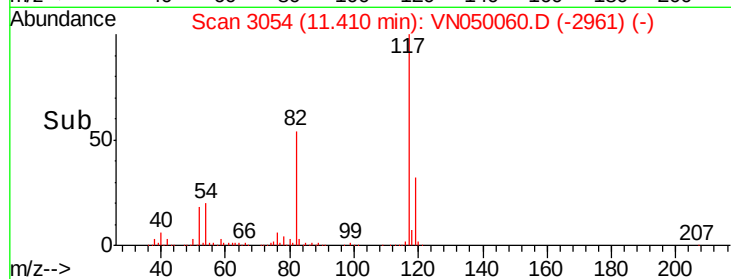
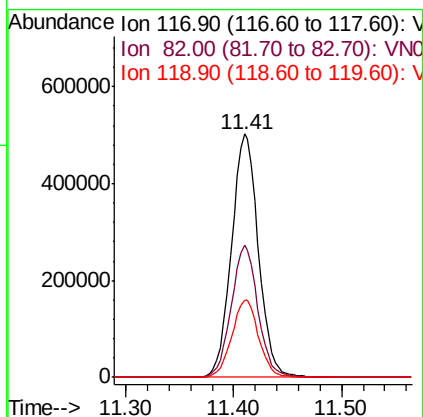
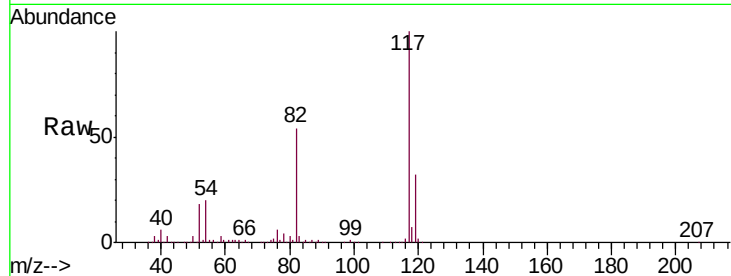




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050060.D
Acq: 25 Jul 2018 22:39

Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#07

Tot Ion:117 Resp: 871787
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.0 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: VN050060.D
Acq: 25 Jul 2018 22:39

Tgt Ion:152 Resp: 311224
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.3
150 155.8 0.0 348.6

