

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050982.D
 Acq On : 31 Aug 2018 12:47
 Operator : MD\SY
 Sample : PB112510TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510TB

Quant Time: Aug 31 14:49:55 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

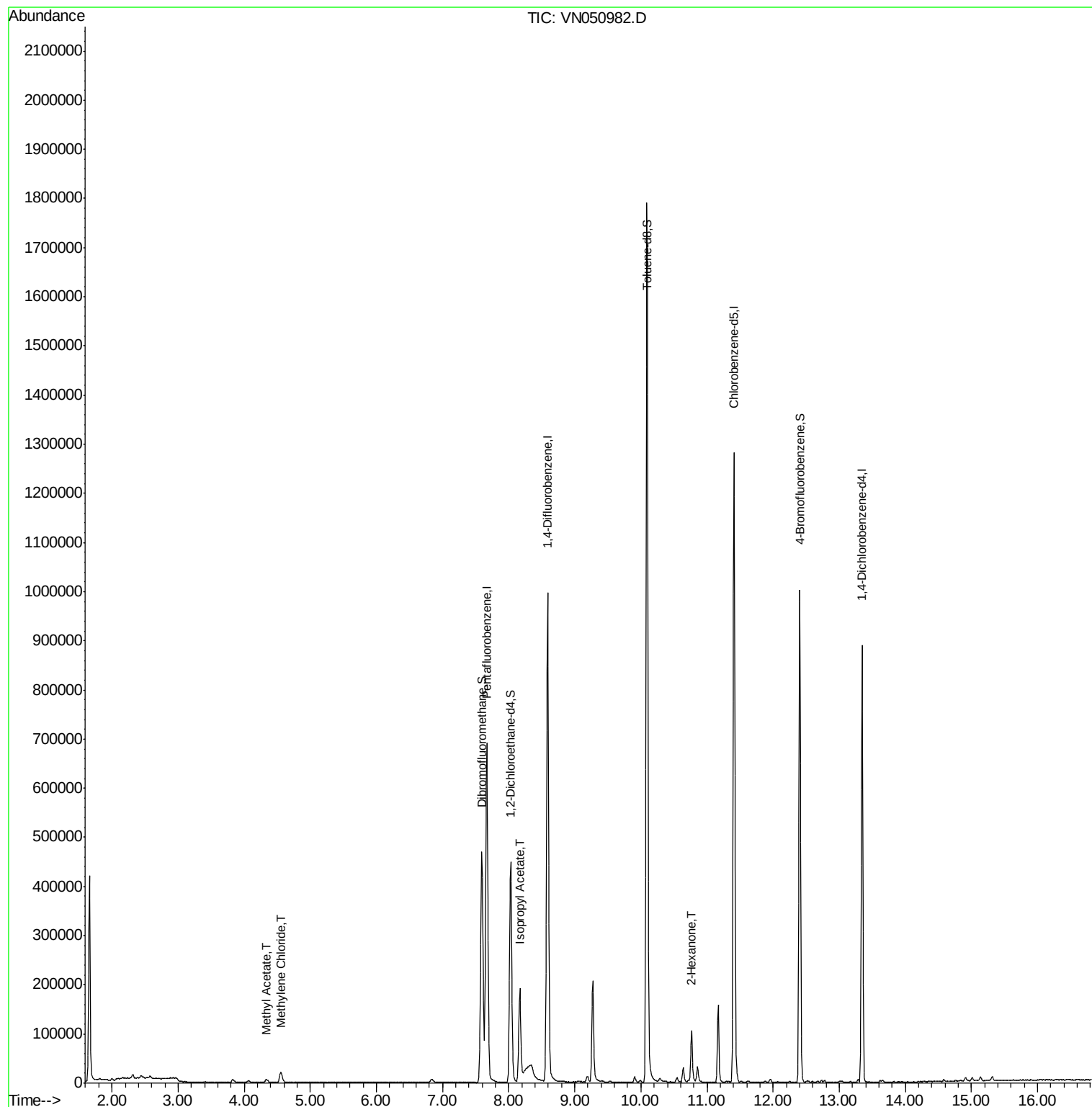
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	948845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	814953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386359	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
35) Dibromofluoromethane	7.59	113	372199	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.09	98	1327832	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	12.40	95	347074	37.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.02%	
Target Compounds						
18) Methyl Acetate	4.34	43	11292	1.62	ug/l	94
20) Methylene Chloride	4.55	84	16634	2.00	ug/l	94
43) Isopropyl Acetate	8.17	43	218922	19.80	ug/l	99
59) 2-Hexanone	10.77	43	17663	4.02	ug/l	64

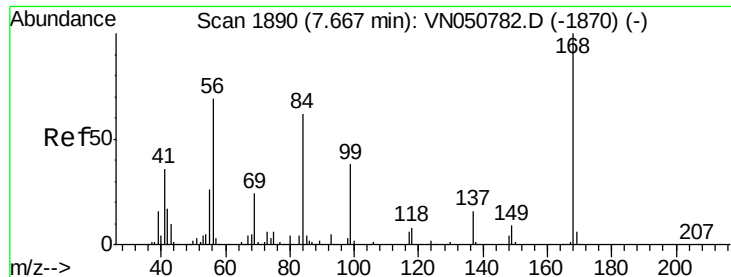
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050982.D

Acq: 31 Aug 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

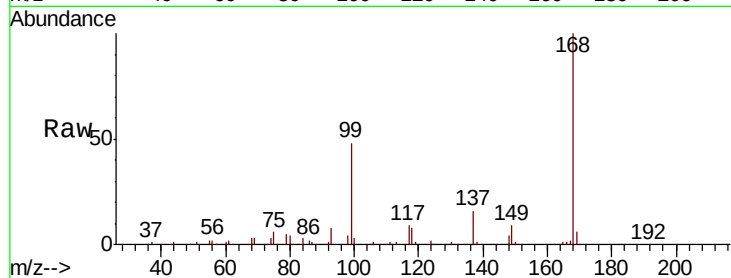
PB112510TB

Tot Ion:168 Resp: 612688

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

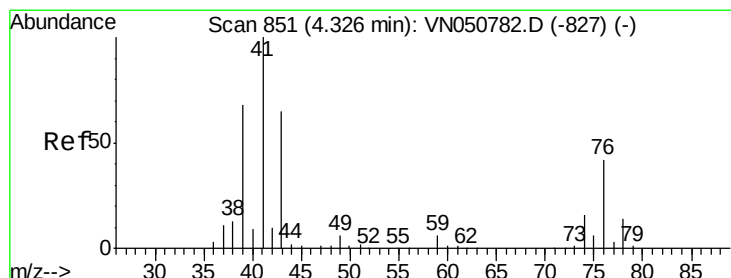
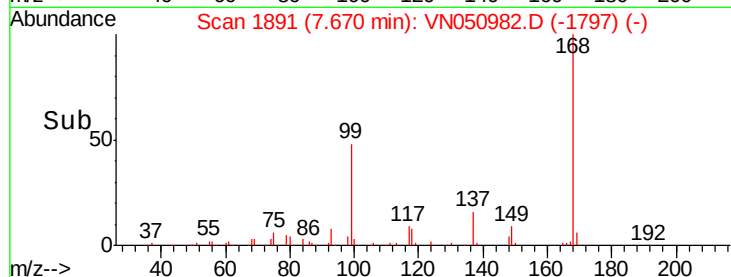
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.62 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050982.D

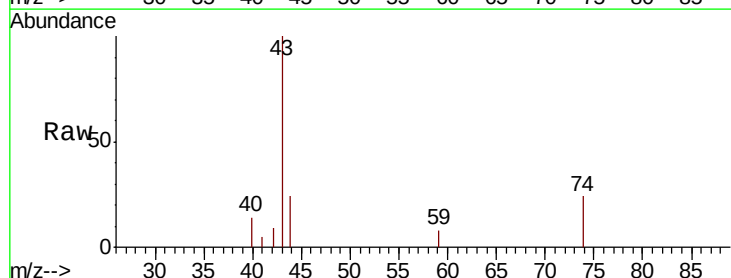
Acq: 31 Aug 2018 12:47

Tgt Ion: 43 Resp: 11292

Ion Ratio Lower Upper

43 100

74 21.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

4000

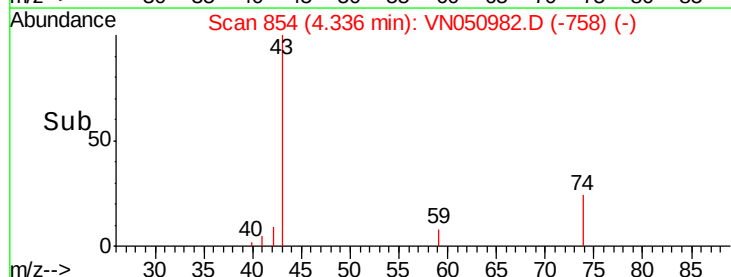
3000

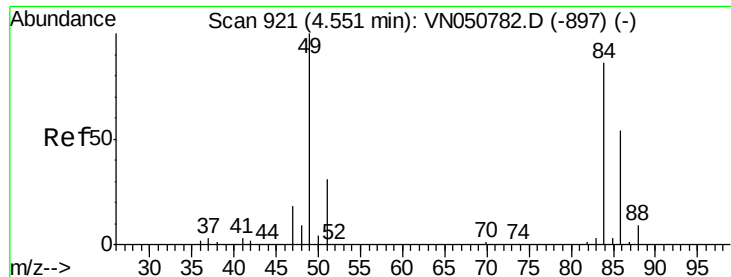
2000

1000

0

Time-->

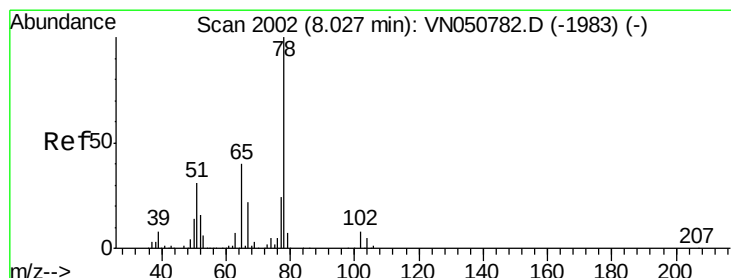
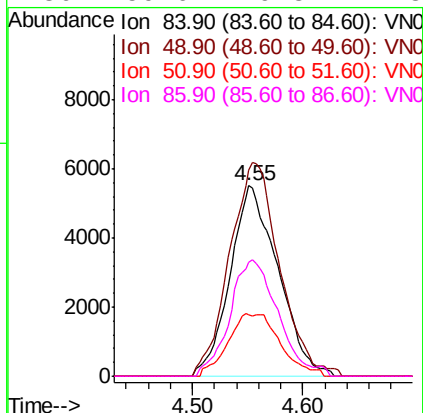
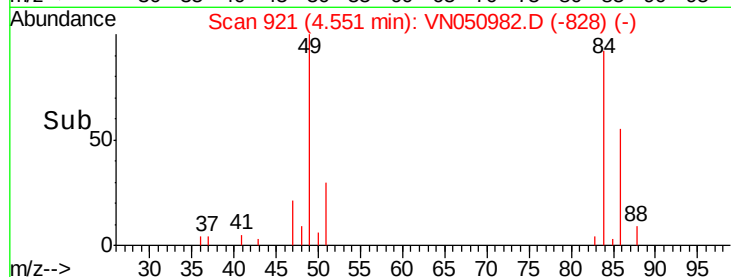
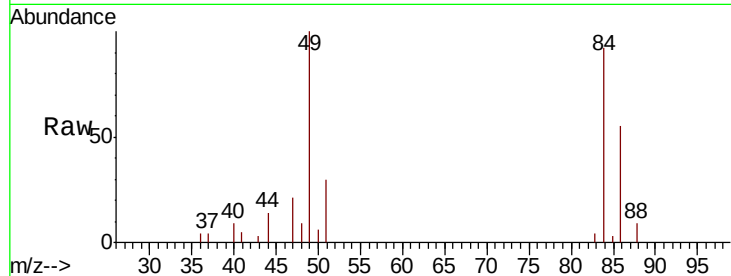




#20
Methvlene Chloride
Concen: 2.00 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050982.D
Acq: 31 Aug 2018 12:47

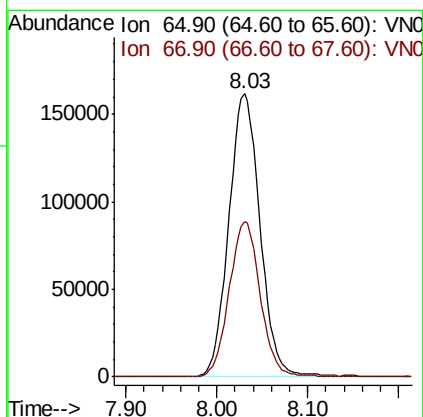
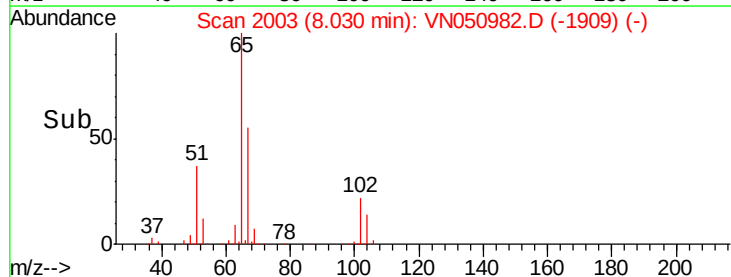
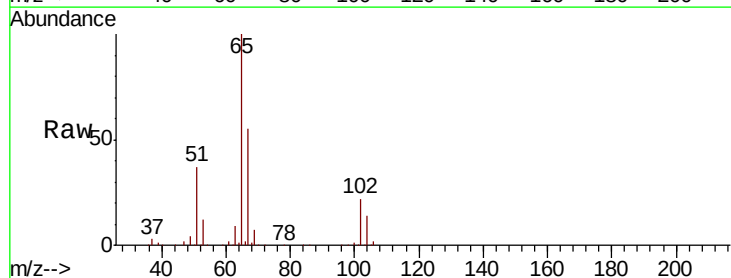
Instrument :
MSVOA_N
ClientSampled :
PB112510TB

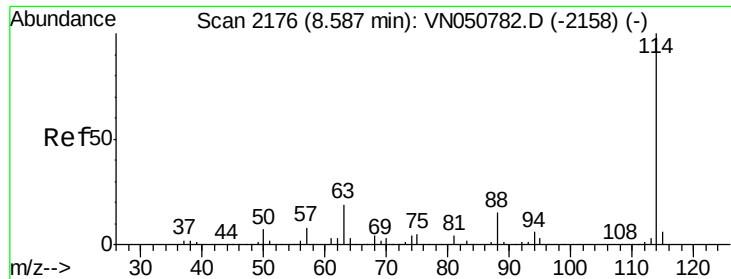
Tot Ion: 84 Resp: 16634
Ion Ratio Lower Upper
84 100
49 108.2 93.2 139.8
51 32.6 29.0 43.6
86 59.6 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 52.38 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050982.D
Acq: 31 Aug 2018 12:47

Tgt Ion: 65 Resp: 386359
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4

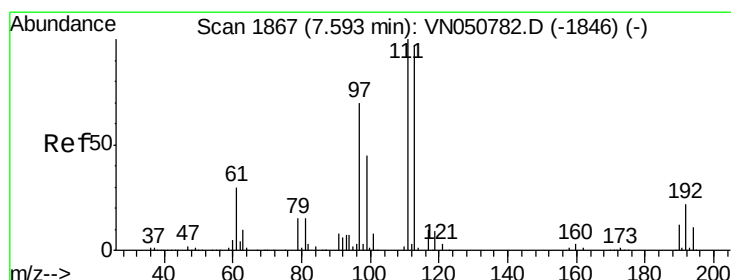
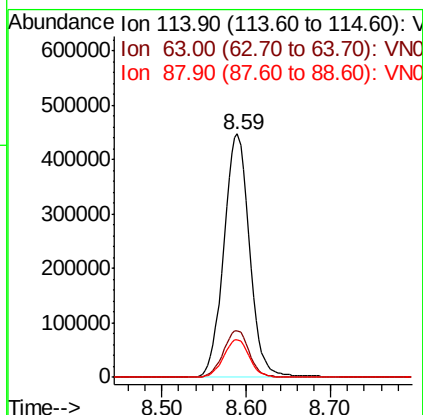
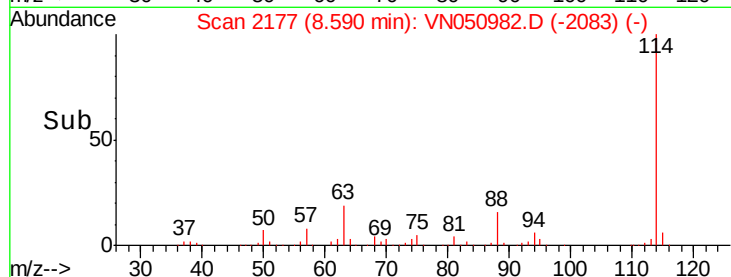
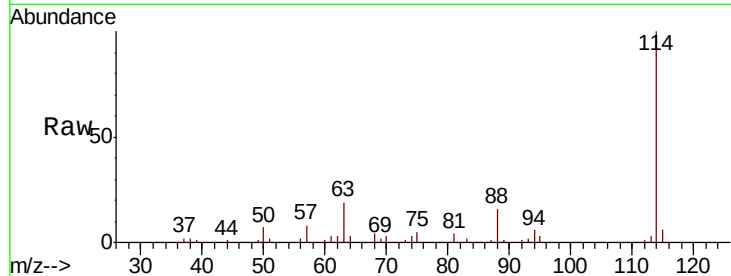




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050982.D
 Acq: 31 Aug 2018 12:47

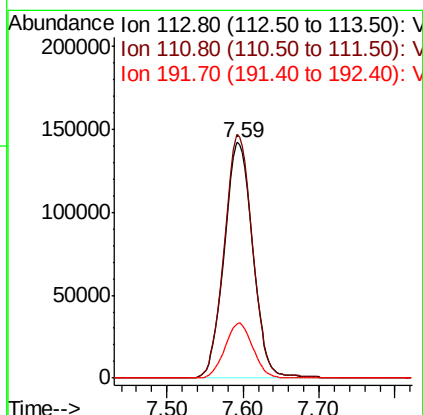
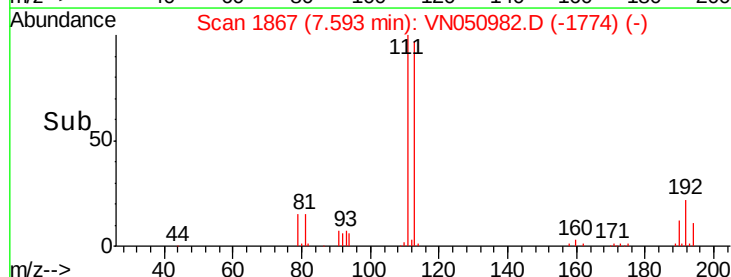
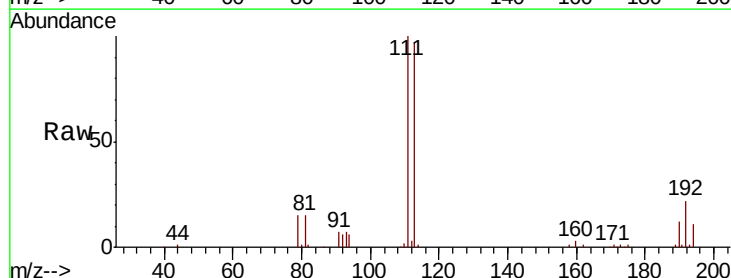
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510TB

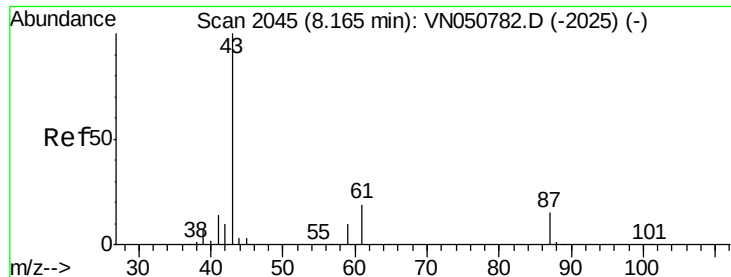
Tot Ion:114 Resp: 948845
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.5 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 49.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050982.D
 Acq: 31 Aug 2018 12:47

Tgt Ion:113 Resp: 372199
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.6 123.8
 192 22.8 18.0 27.0





#43

Isopropyl Acetate

Concen: 19.80 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050982.D

Acq: 31 Aug 2018 12:47

Instrument :

MSVOA_N

ClientSampled :

PB112510TB

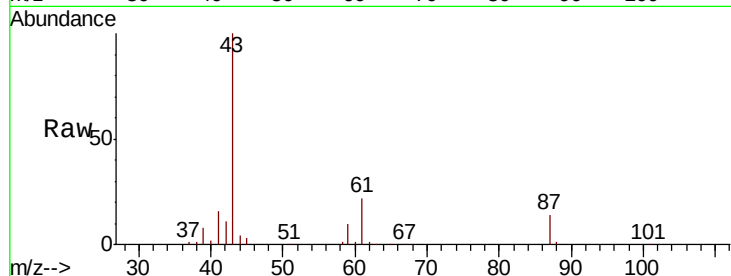
Tot Ion: 43 Resp: 218922

Ion Ratio Lower Upper

43 100

61 21.2 17.5 26.3

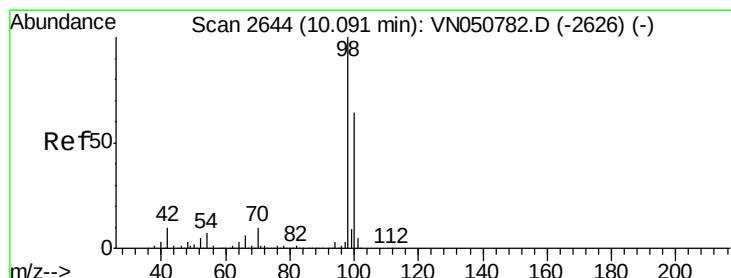
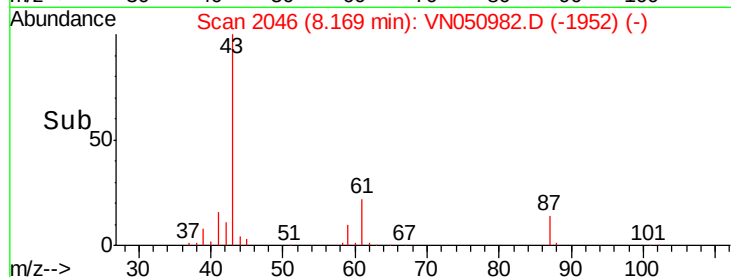
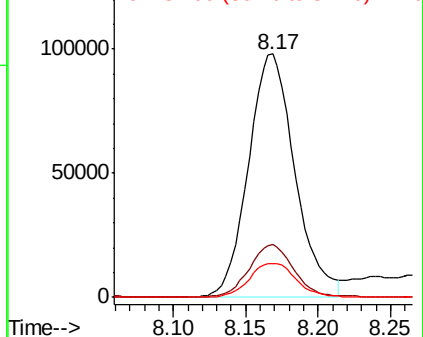
87 14.2 11.3 16.9



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: 47.05 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050982.D

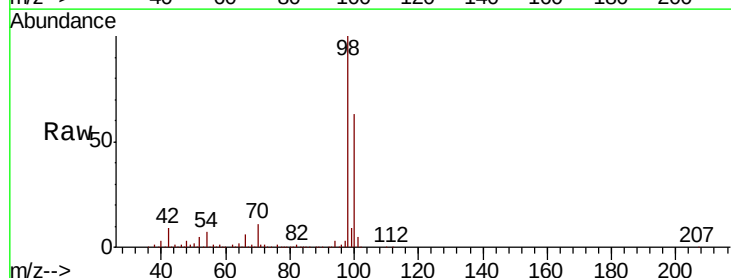
Acq: 31 Aug 2018 12:47

Tgt Ion: 98 Resp: 1327832

Ion Ratio Lower Upper

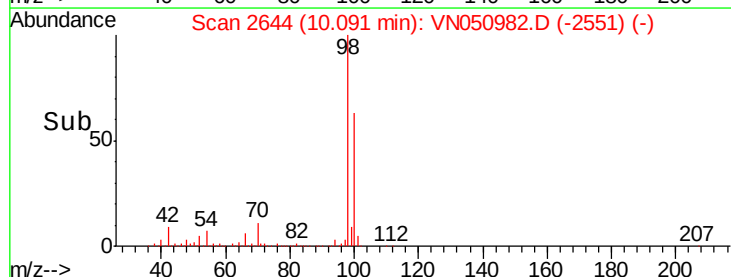
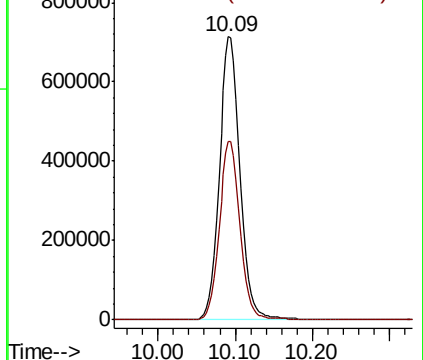
98 100

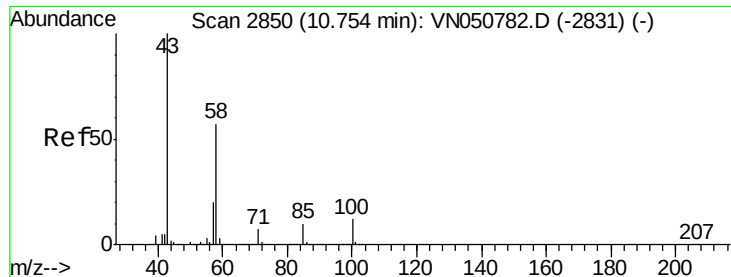
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 4.02 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050982.D

Acq: 31 Aug 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

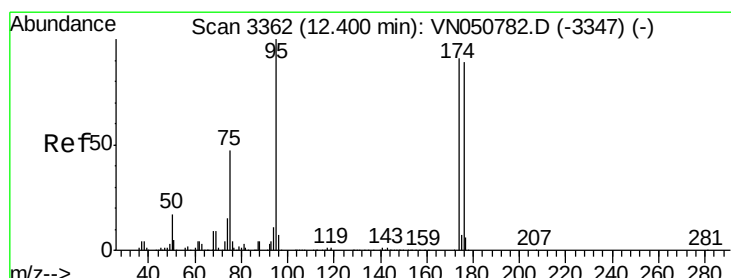
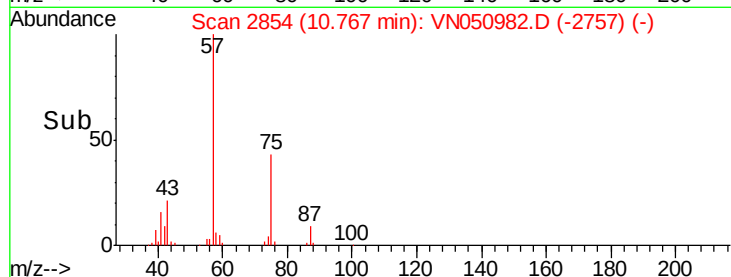
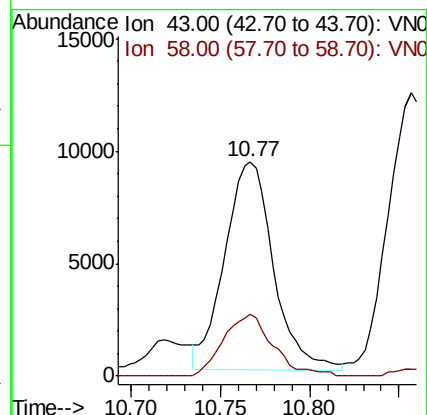
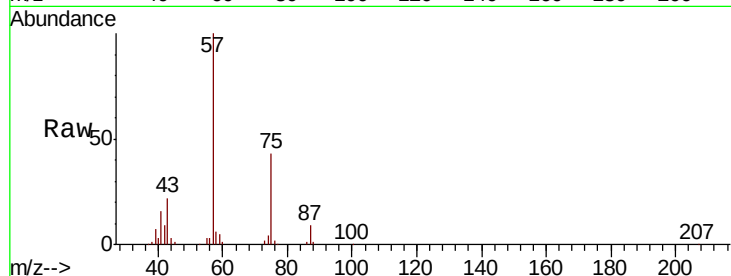
PB112510TB

Tot Ion: 43 Resp: 17663

Ion Ratio Lower Upper

43 100

58 30.4 28.3 85.0



#62

4-Bromofluorobenzene

Concen: 37.01 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050982.D

Acq: 31 Aug 2018 12:47

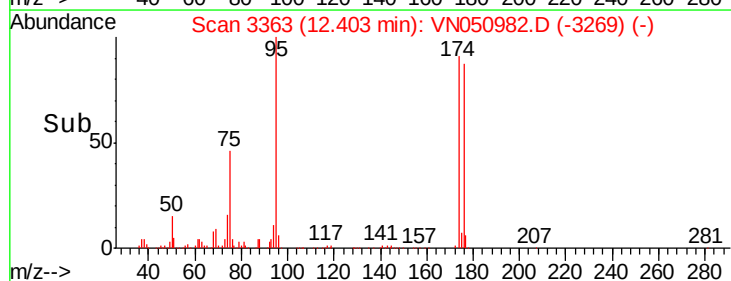
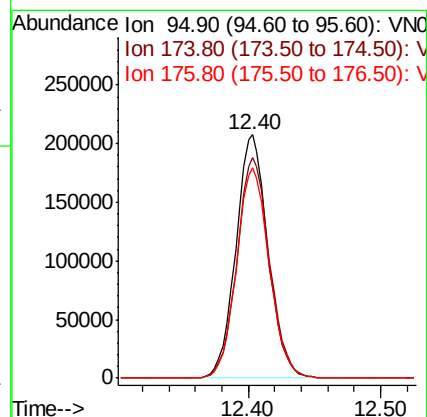
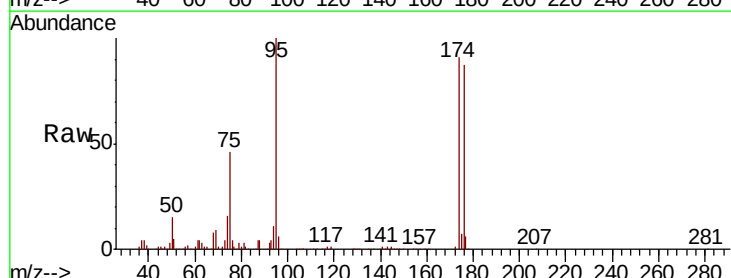
Tgt Ion: 95 Resp: 347074

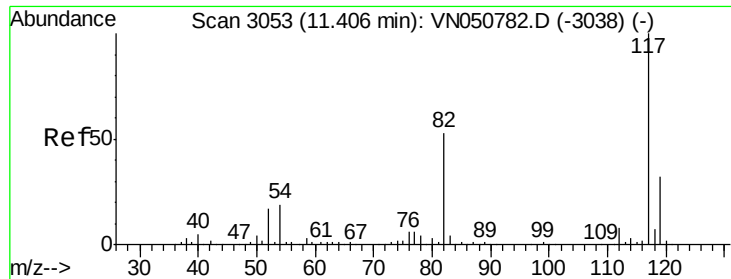
Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.0

176 88.1 0.0 178.8

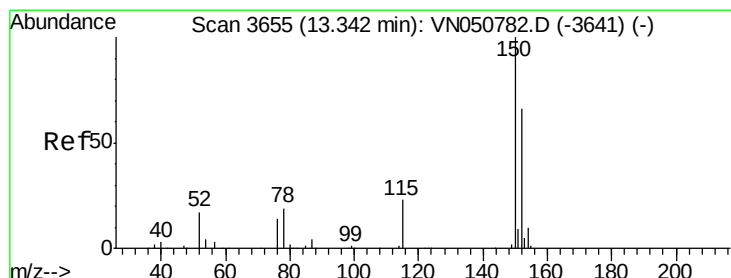
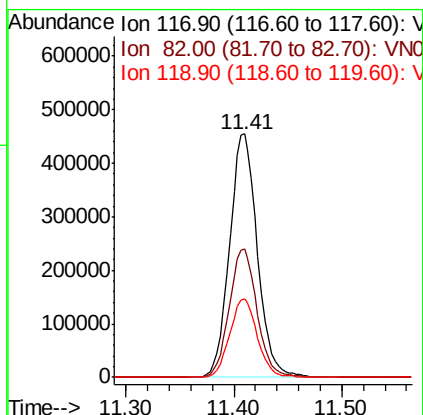
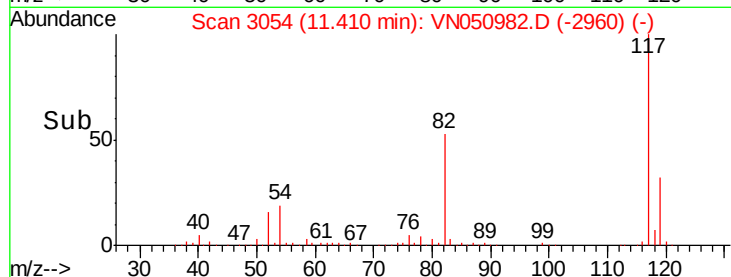
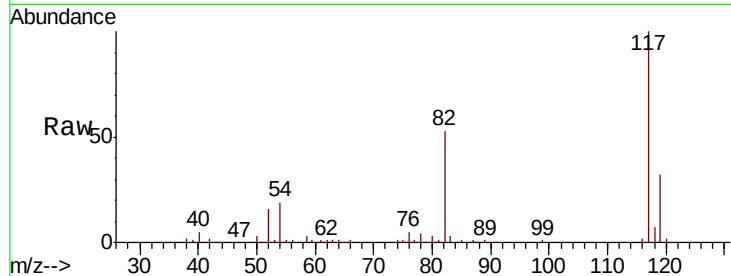




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050982.D
Acq: 31 Aug 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :
PB112510TB

Tot Ion:117 Resp: 814953
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050982.D
Acq: 31 Aug 2018 12:47

Tgt Ion:152 Resp: 260840
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 154.9 0.0 351.4

