

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051147.D
 Acq On : 12 Sep 2018 12:56
 Operator : MD\SY
 Sample : PB112767ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#03

Quant Time: Sep 13 08:17:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

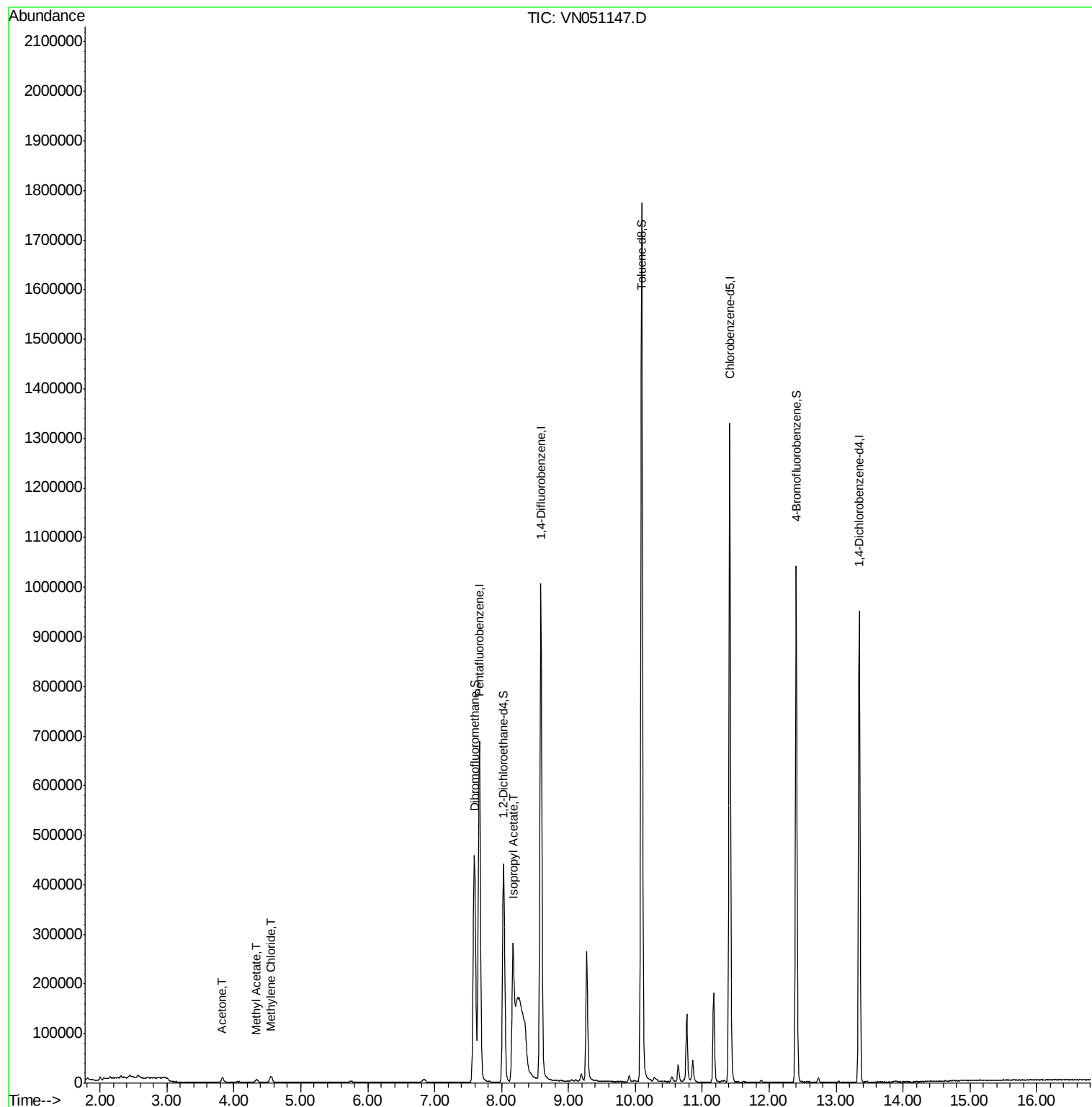
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	598839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	976519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	843987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	375418	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	7.59	113	362366	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.09	98	1321293	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	12.40	95	364522	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	
Target Compounds						
16) Acetone	3.83	43	16302	4.15	ug/l	94
18) Methyl Acetate	4.33	43	11435	2.14	ug/l	98
20) Methylene Chloride	4.56	84	10685	1.45	ug/l	92
43) Isopropyl Acetate	8.17	43	362368	33.07	ug/l #	80

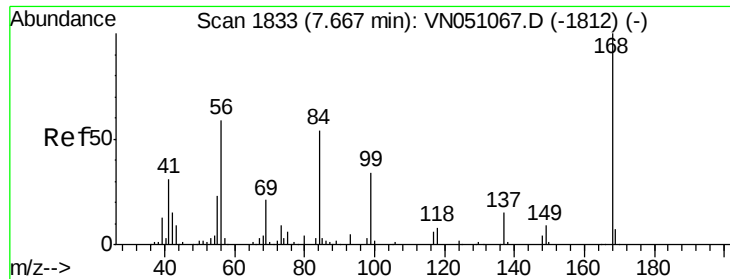
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051147.D

Acq: 12 Sep 2018 12:56

Instrument :

MSVOA_N

ClientSampleId :

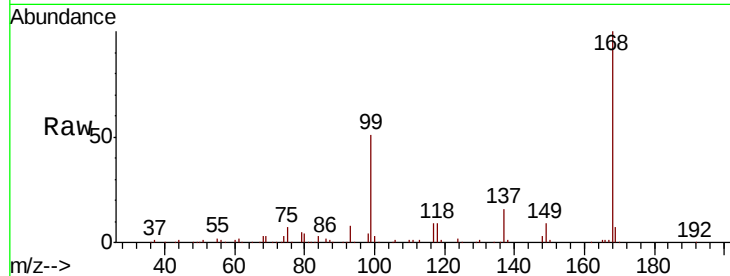
PB112767ZHE#03

Tot Ion:168 Resp: 598839

Ion Ratio Lower Upper

168 100

99 50.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

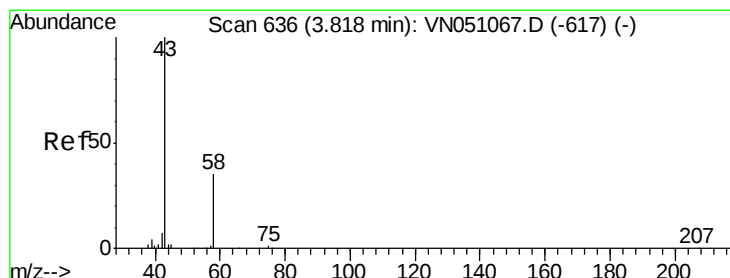
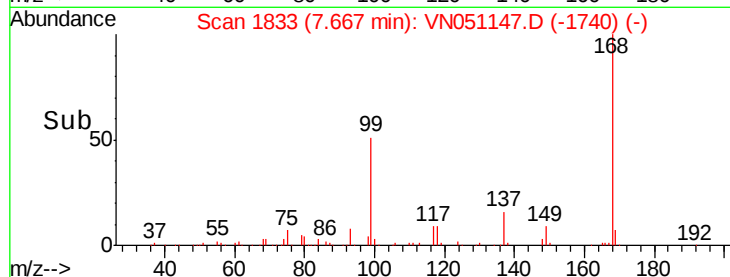
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 4.15 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051147.D

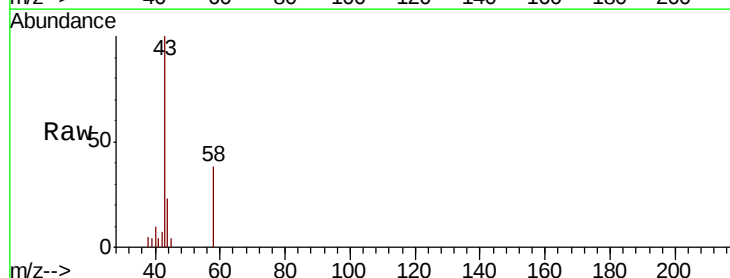
Acq: 12 Sep 2018 12:56

Tgt Ion: 43 Resp: 16302

Ion Ratio Lower Upper

43 100

58 38.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

6000

5000

4000

3000

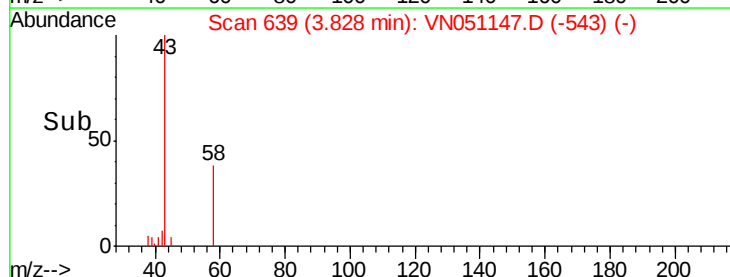
2000

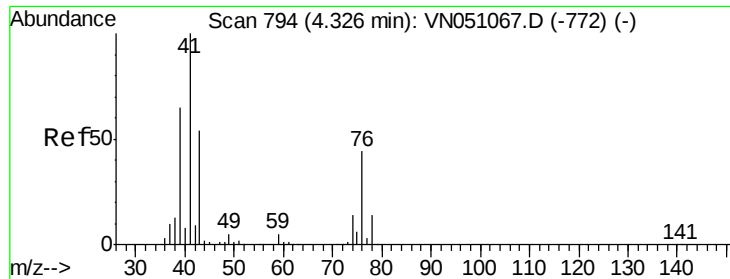
1000

0

Time-->

3.80 3.90

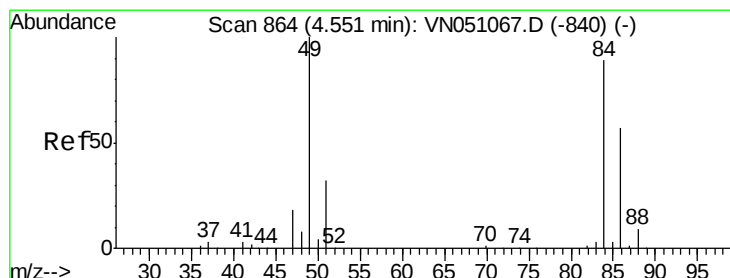
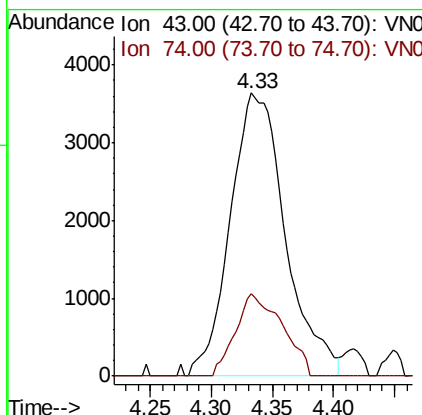
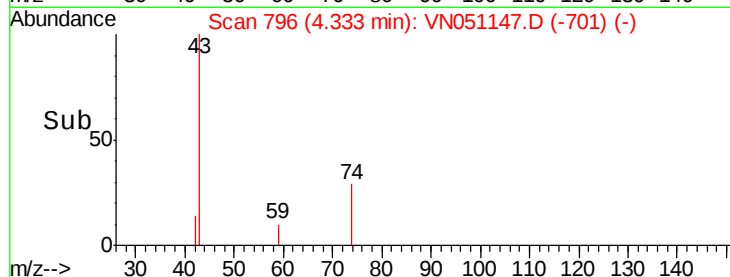
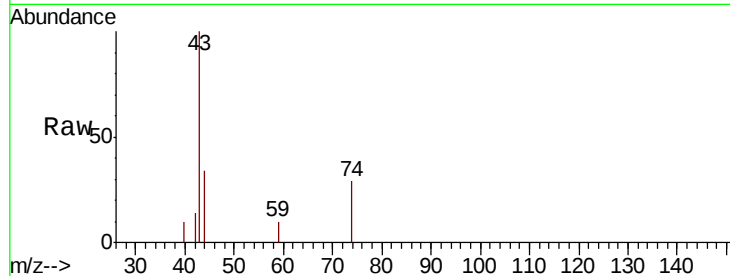




#18
Methyl Acetate
Concen: 2.14 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051147.D
Acq: 12 Sep 2018 12:56

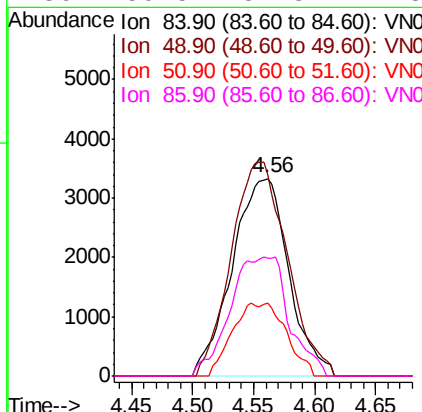
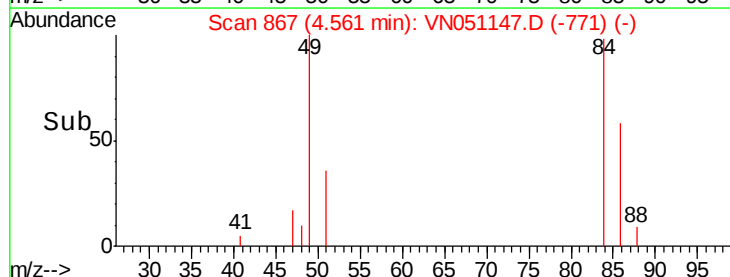
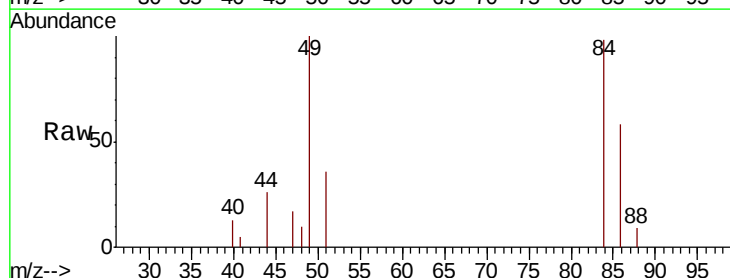
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#03

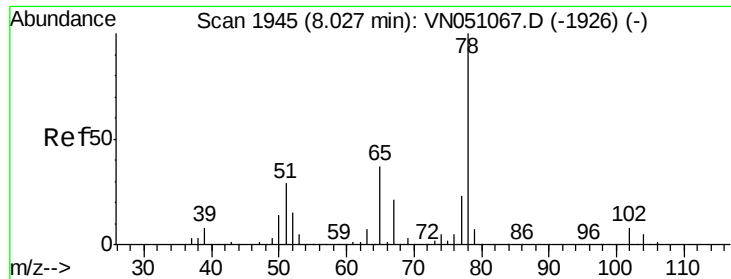
Tot Ion: 43 Resp: 11435
Ion Ratio Lower Upper
43 100
74 24.7 20.7 31.1



#20
Methylene Chloride
Concen: 1.45 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN051147.D
Acq: 12 Sep 2018 12:56

Tgt Ion: 84 Resp: 10685
Ion Ratio Lower Upper
84 100
49 102.1 90.2 135.2
51 36.7 28.4 42.6
86 59.5 51.8 77.8

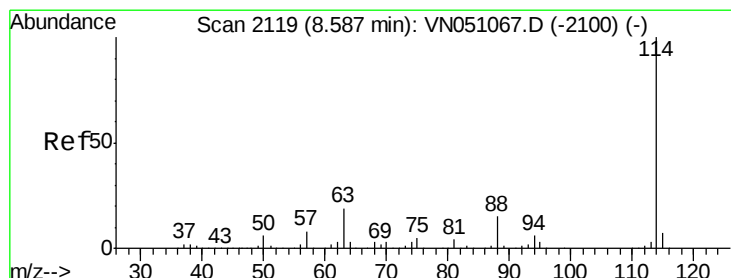
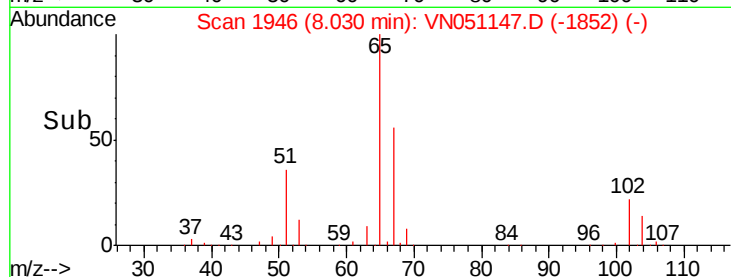
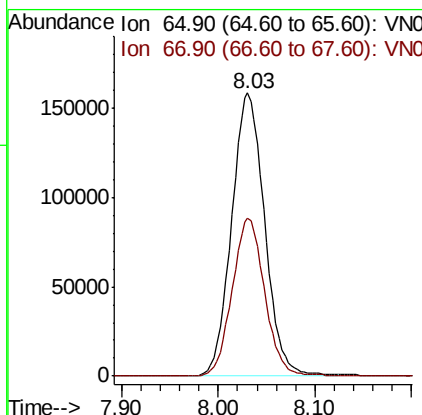
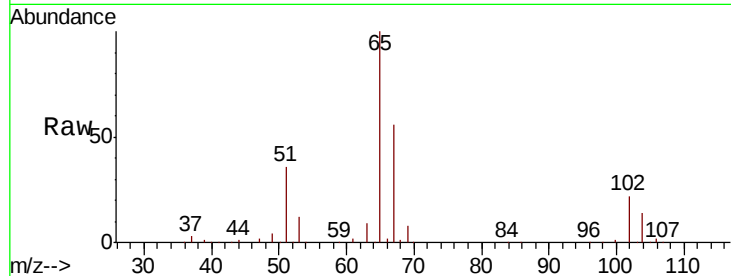




#33
 1,2-Dichloroethane-d4
 Concen: 56.33 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051147.D
 Acq: 12 Sep 2018 12:56

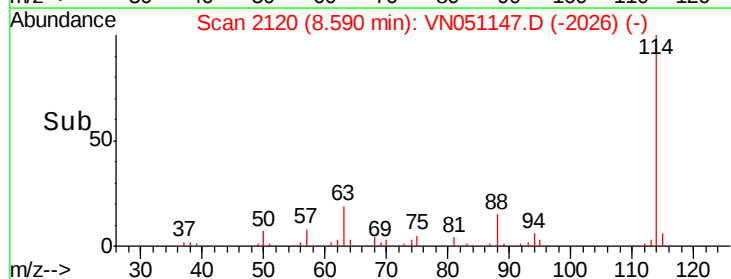
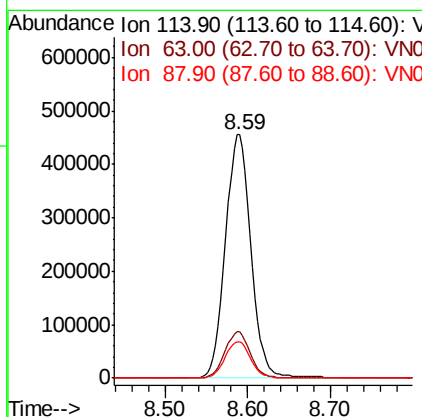
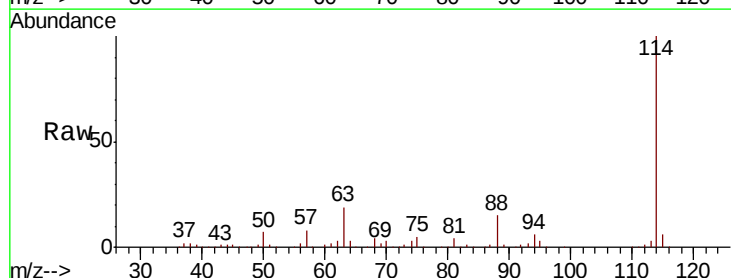
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#03

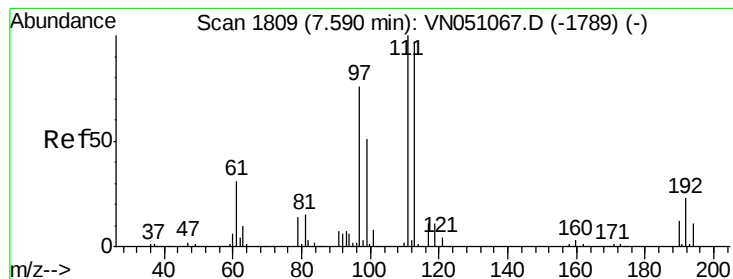
Tot Ion: 65 Resp: 375418
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051147.D
 Acq: 12 Sep 2018 12:56

Tgt Ion: 114 Resp: 976519
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.38 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051147.D

Acq: 12 Sep 2018 12:56

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#03

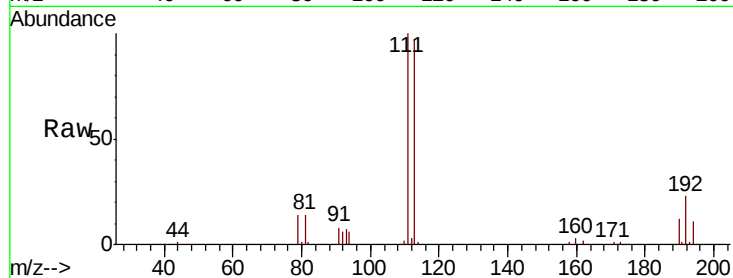
Tot Ion:113 Resp: 362366

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

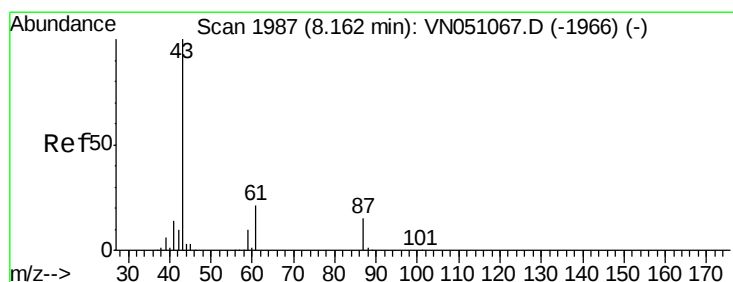
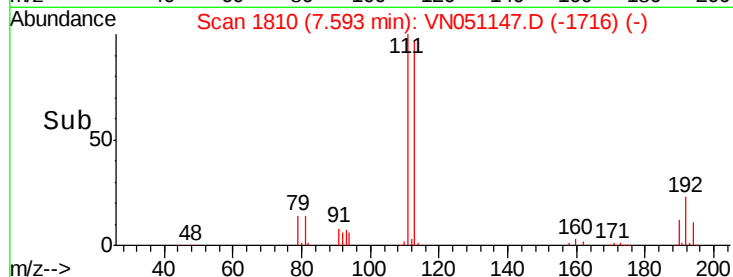
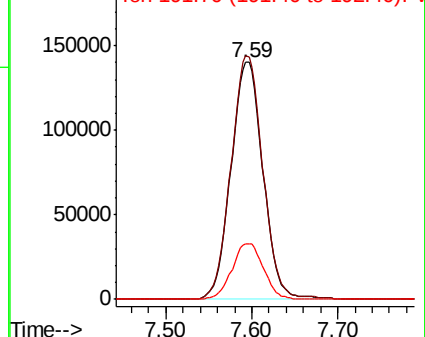
192 23.3 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 33.07 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051147.D

Acq: 12 Sep 2018 12:56

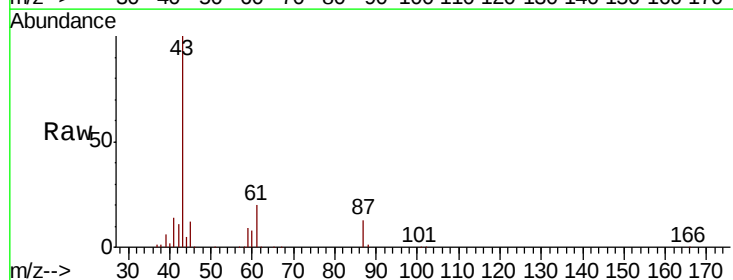
Tgt Ion: 43 Resp: 362368

Ion Ratio Lower Upper

43 100

61 17.7 25.0 37.6#

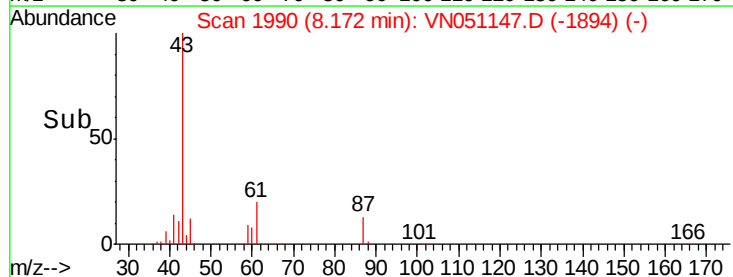
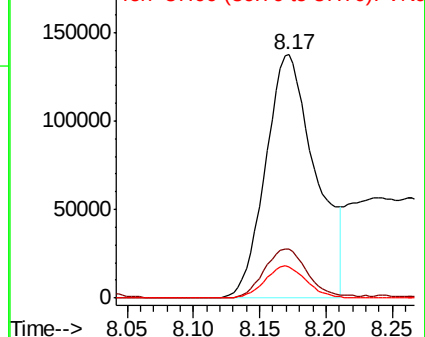
87 11.1 11.8 17.8#

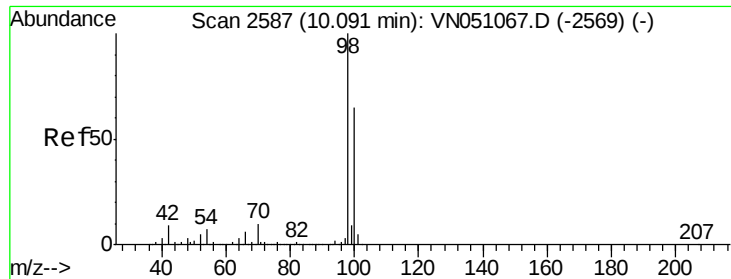


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 47.45 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051147.D

Acq: 12 Sep 2018 12:56

Instrument :

MSVOA_N

ClientSampleId :

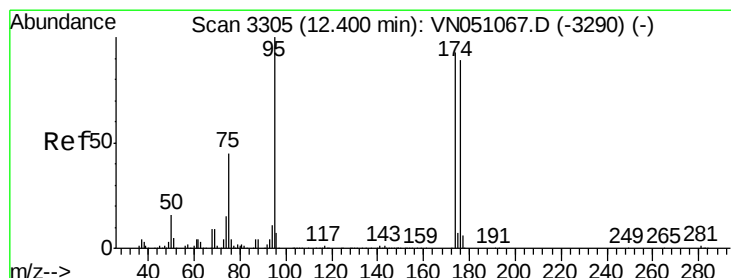
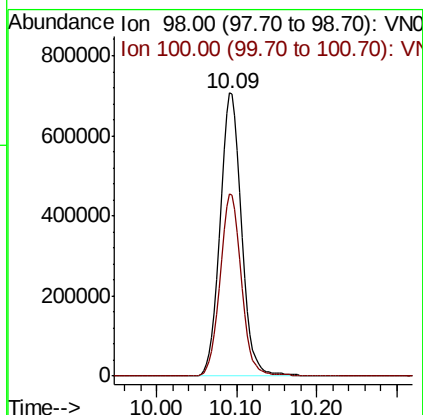
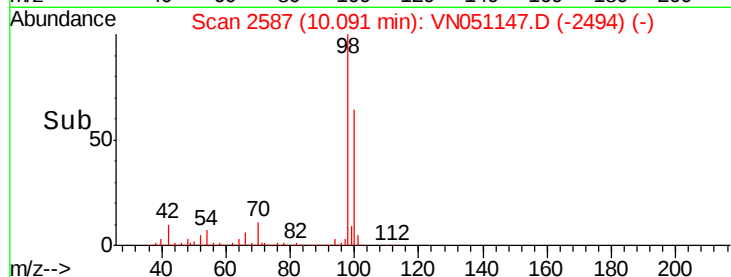
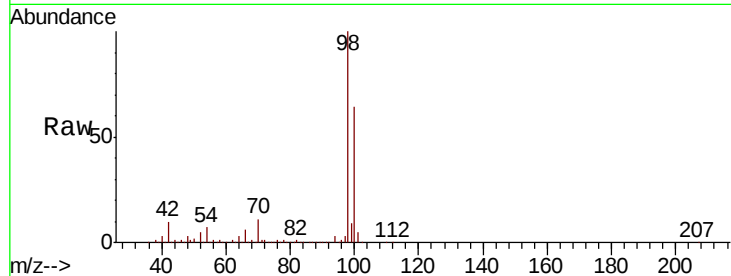
PB112767ZHE#03

Tot Ion: 98 Resp: 1321293

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.58 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051147.D

Acq: 12 Sep 2018 12:56

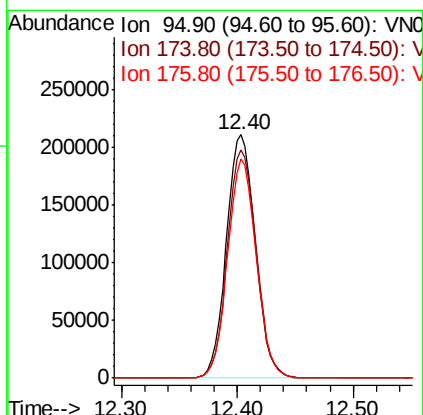
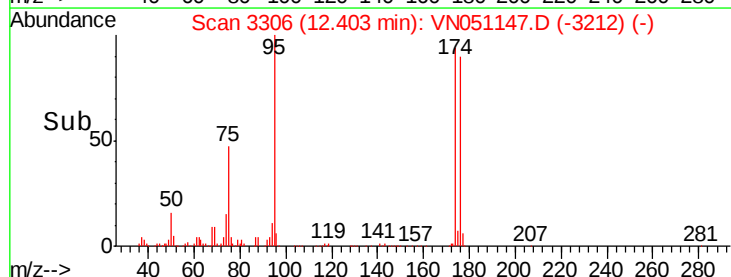
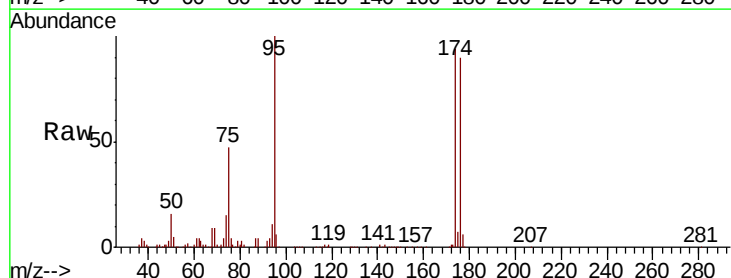
Tgt Ion: 95 Resp: 364522

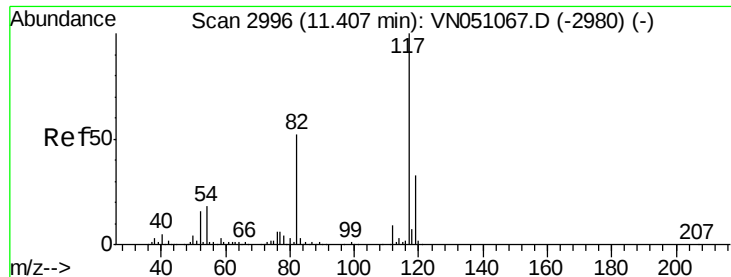
Ion Ratio Lower Upper

95 100

174 93.9 0.0 184.8

176 88.8 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051147.D

Acq: 12 Sep 2018 12:56

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#03

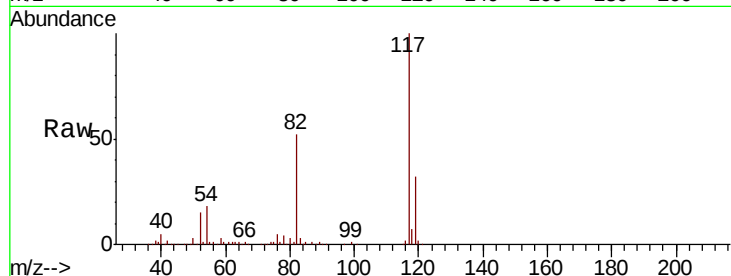
Tot Ion:117 Resp: 843987

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.6

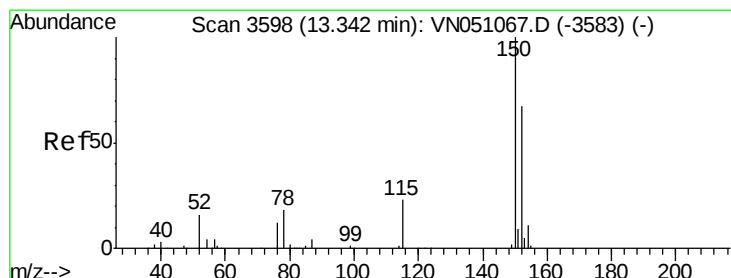
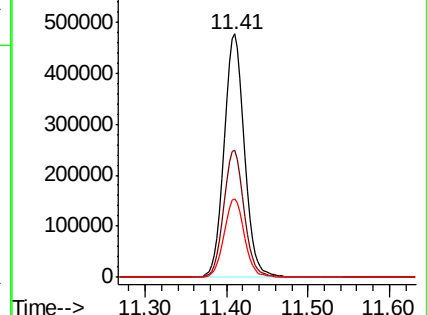
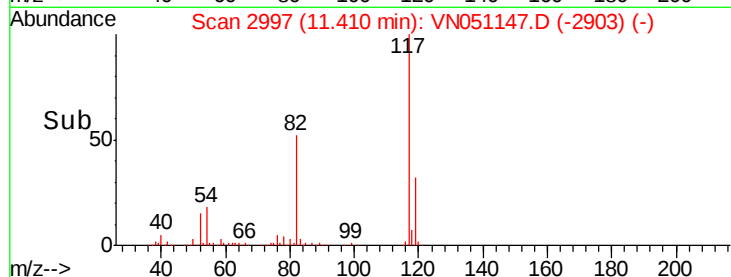
119 32.4 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051147.D

Acq: 12 Sep 2018 12:56

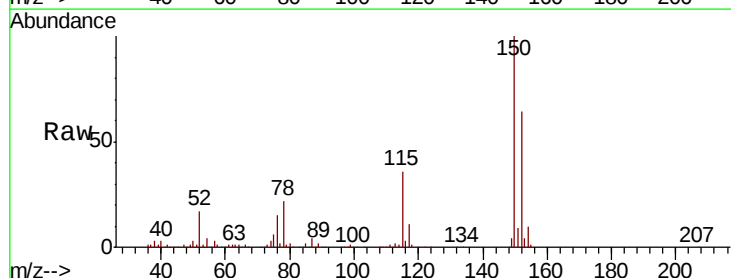
Tgt Ion:152 Resp: 285091

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 156.4 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

