

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051146.D
 Acq On : 12 Sep 2018 12:31
 Operator : MD\SY
 Sample : PB112767ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#02

Quant Time: Sep 13 08:12:54 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

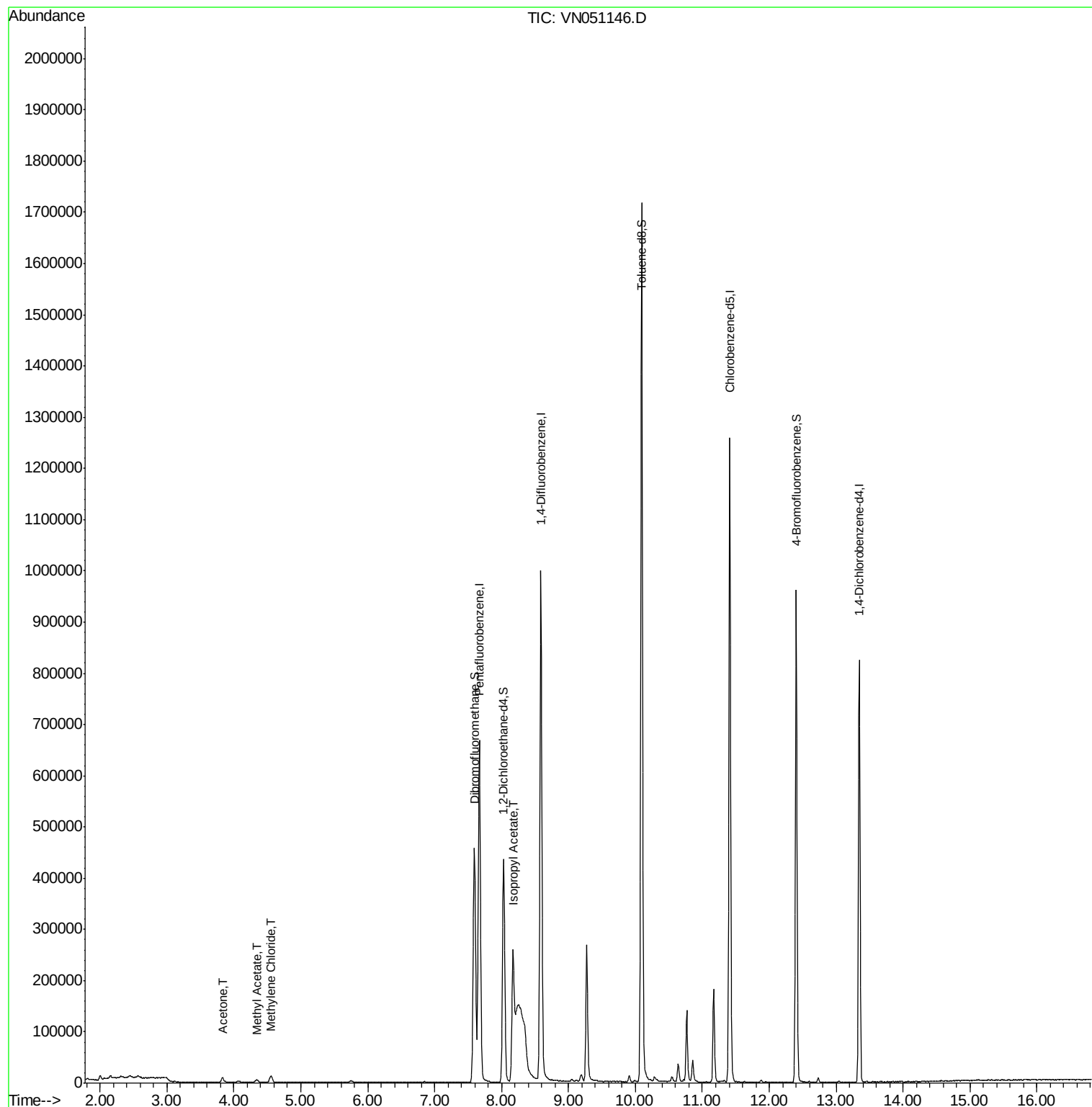
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	589692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	368305	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
35) Dibromofluoromethane	7.59	113	355474	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.09	98	1288054	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.40	95	336191	37.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.34%	
Target Compounds						
16) Acetone	3.83	43	15859	4.03	ug/l	98
18) Methyl Acetate	4.34	43	10738	2.04	ug/l #	84
20) Methylene Chloride	4.55	84	10355	1.43	ug/l	98
43) Isopropyl Acetate	8.17	43	365902	34.01	ug/l #	80

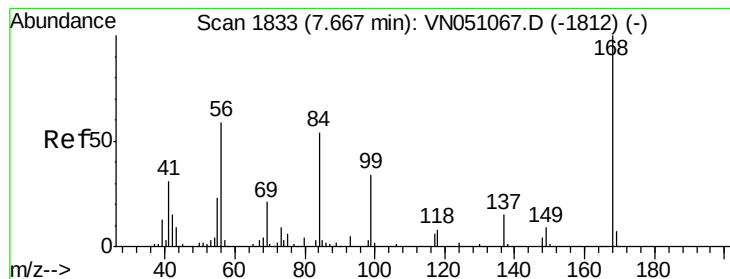
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

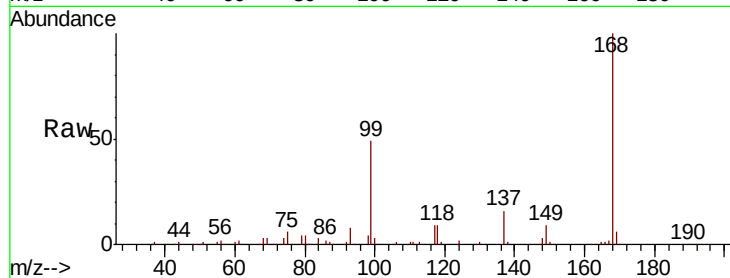
PB112767ZHE#02

Tot Ion:168 Resp: 589692

Ion Ratio Lower Upper

168 100

99 49.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

250000

200000

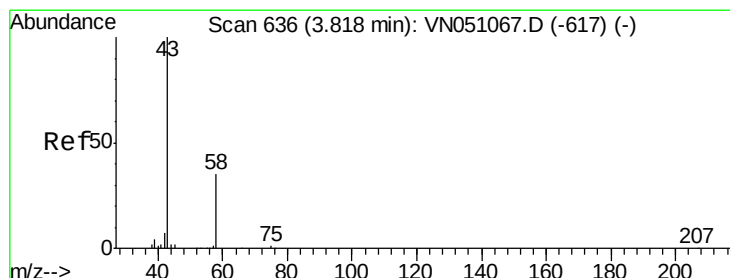
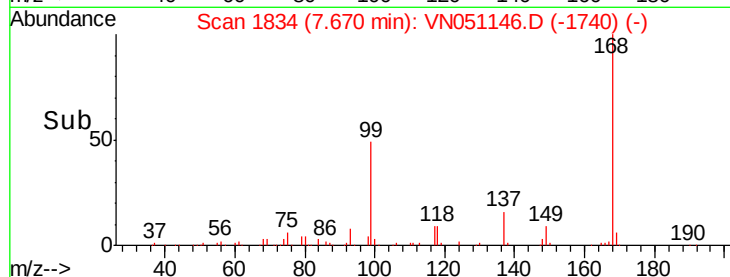
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.03 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051146.D

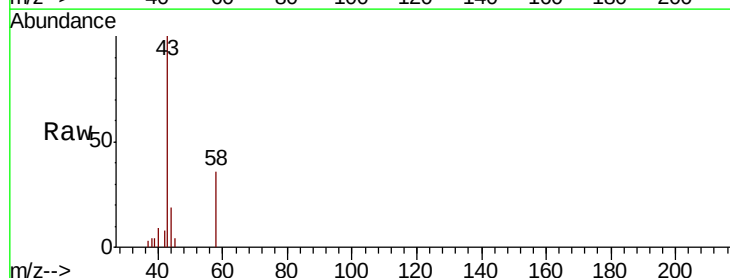
Acq: 12 Sep 2018 12:31

Tgt Ion: 43 Resp: 15859

Ion Ratio Lower Upper

43 100

58 35.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

3.83

6000

5000

4000

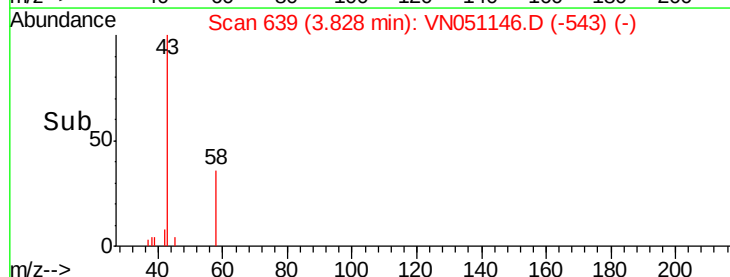
3000

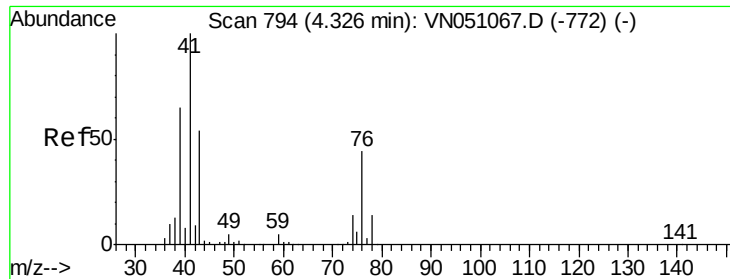
2000

1000

0

Time-->

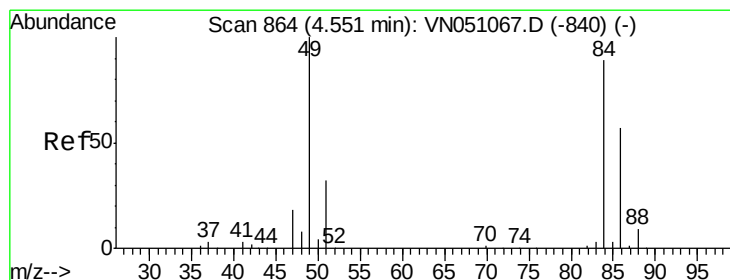
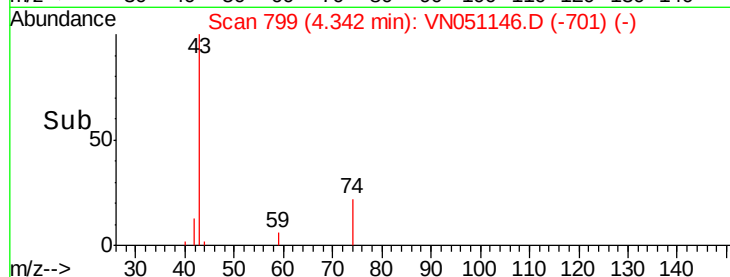
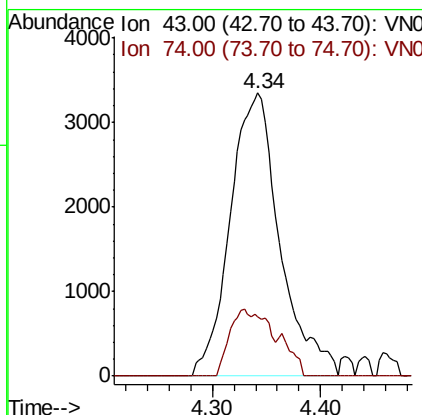
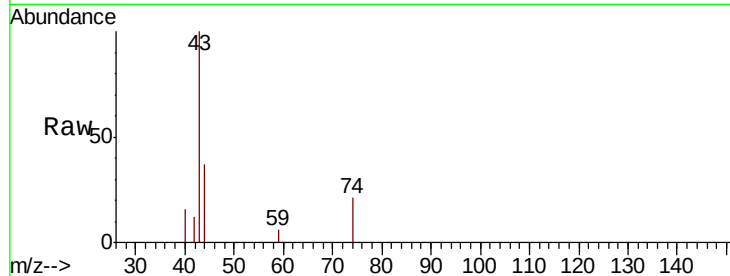




#18
Methyl Acetate
Concen: 2.04 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

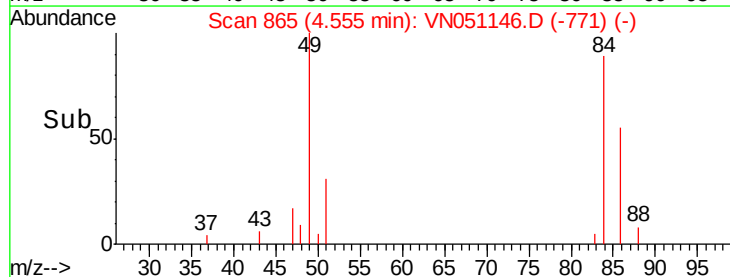
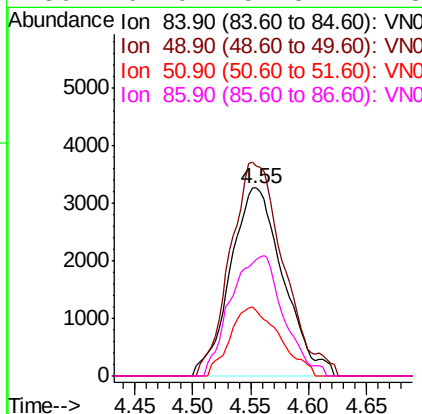
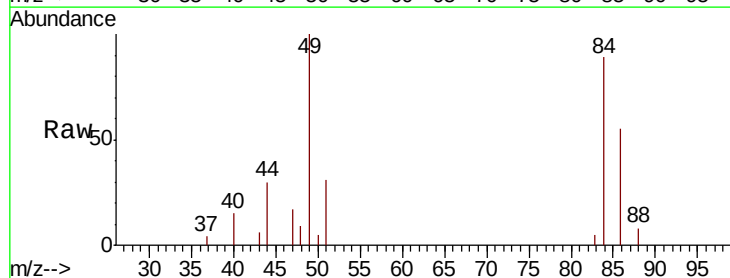
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

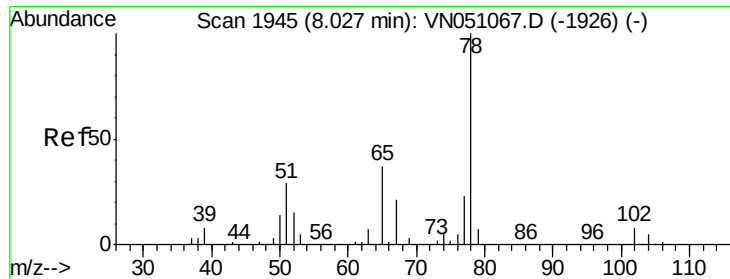
Tot Ion: 43 Resp: 10738
Ion Ratio Lower Upper
43 100
74 18.0 20.7 31.1#



#20
Methylene Chloride
Concen: 1.43 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion: 84 Resp: 10355
Ion Ratio Lower Upper
84 100
49 111.9 90.2 135.2
51 34.8 28.4 42.6
86 62.0 51.8 77.8

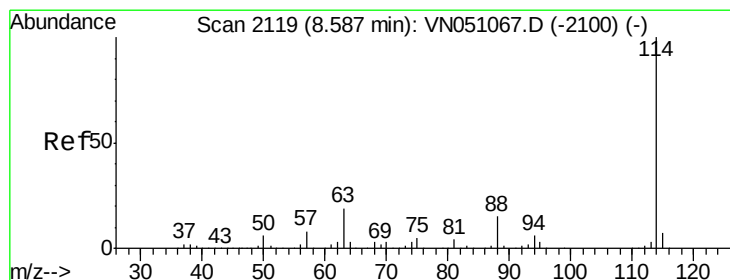
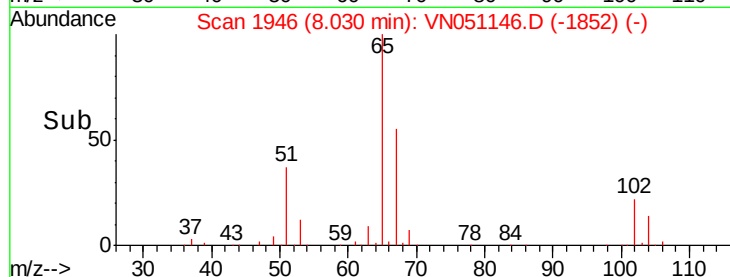
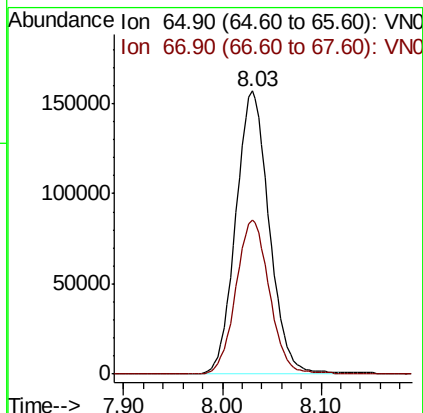
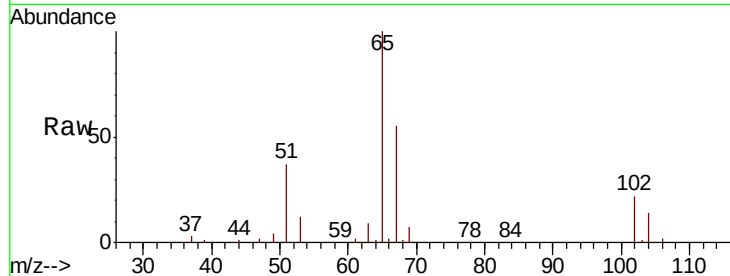




#33
 1,2-Dichloroethane-d4
 Concen: 56.12 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

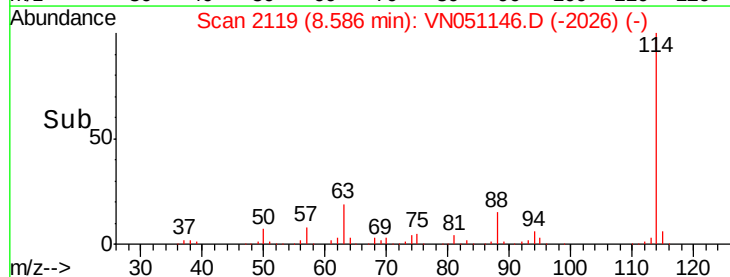
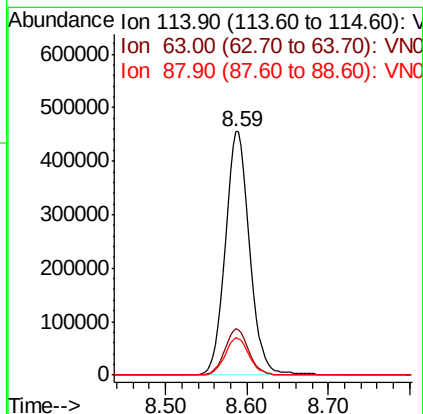
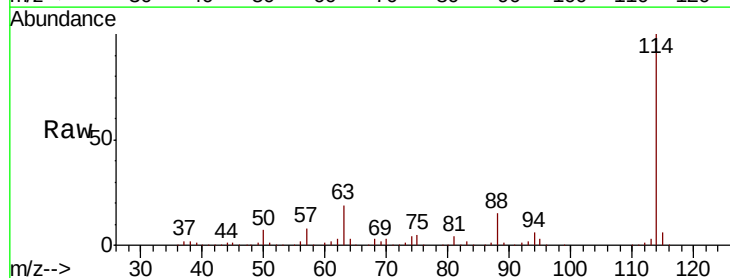
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#02

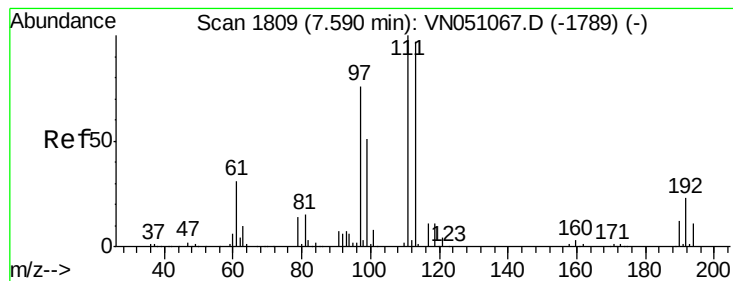
Tot Ion: 65 Resp: 368305
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

Tgt Ion: 114 Resp: 958847
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.34 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#02

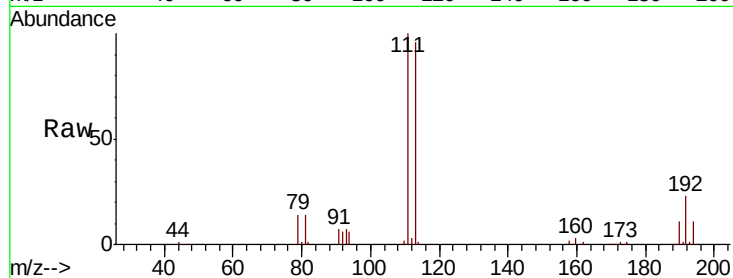
Tot Ion:113 Resp: 355474

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

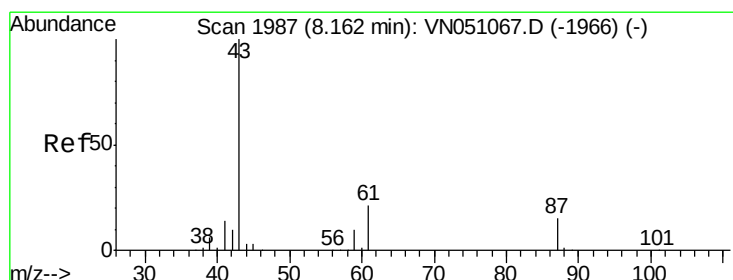
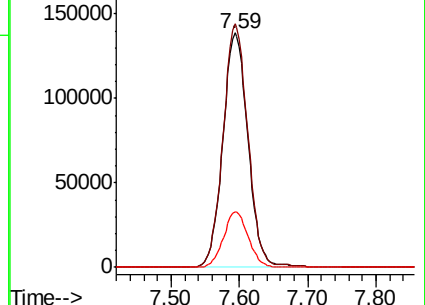
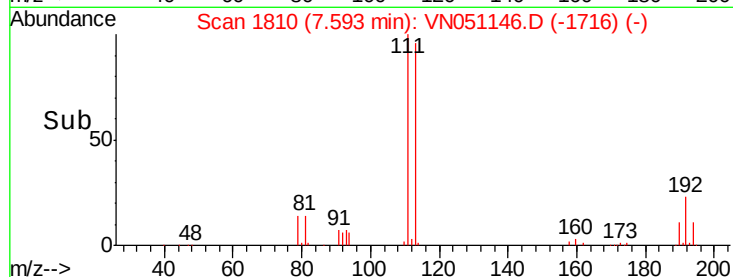
192 23.2 18.7 28.1



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: 34.01 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

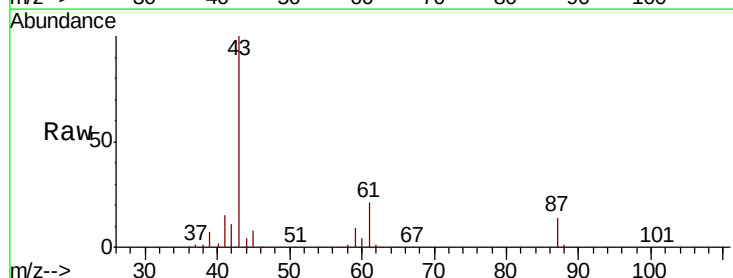
Tgt Ion: 43 Resp: 365902

Ion Ratio Lower Upper

43 100

61 17.6 25.0 37.6#

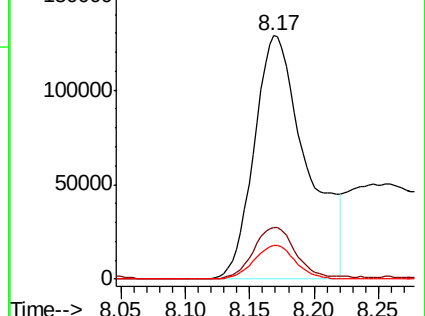
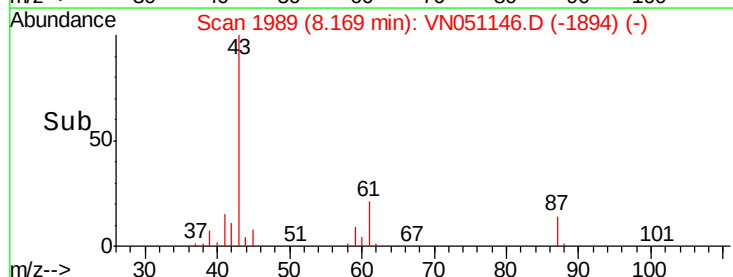
87 11.1 11.8 17.8#

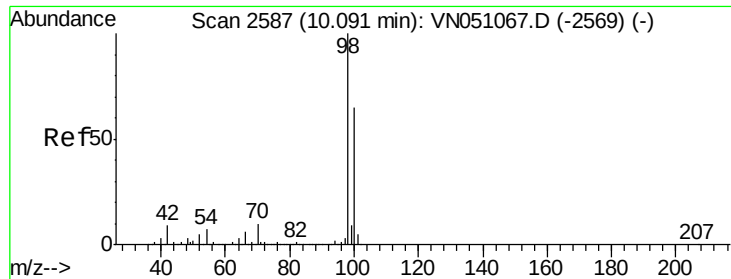


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 47.11 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

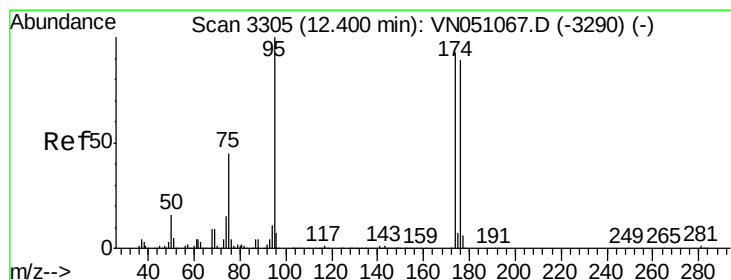
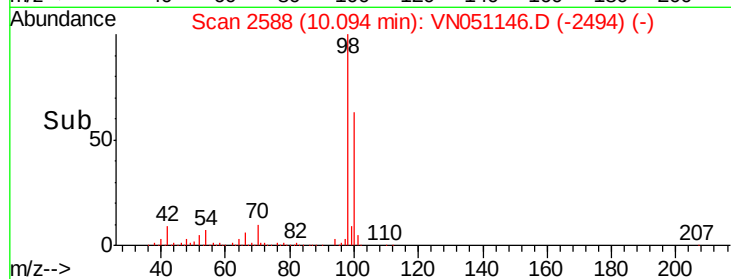
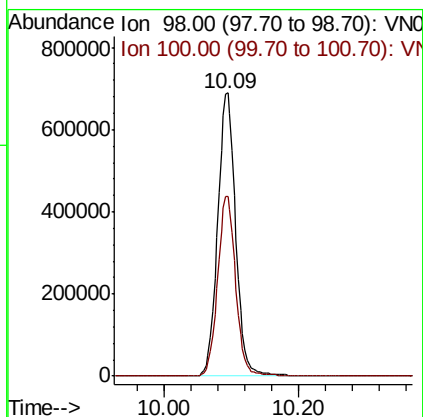
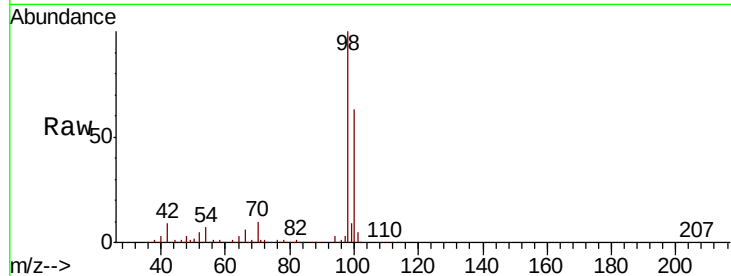
PB112767ZHE#02

Tot Ion: 98 Resp: 1288054

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 37.17 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

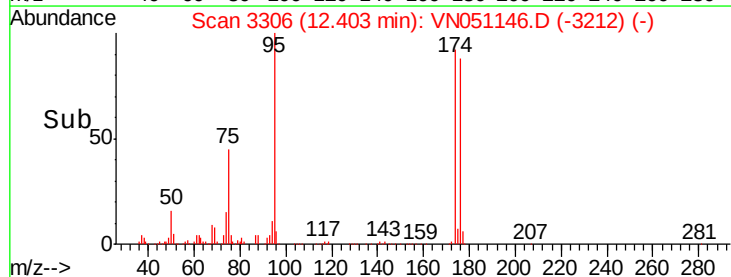
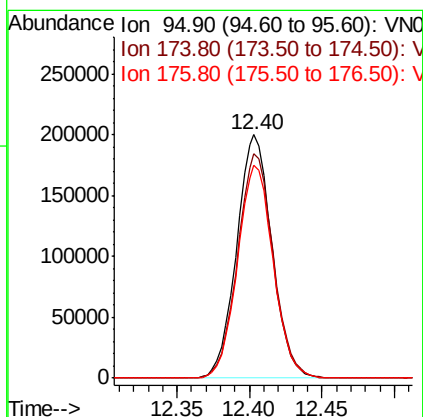
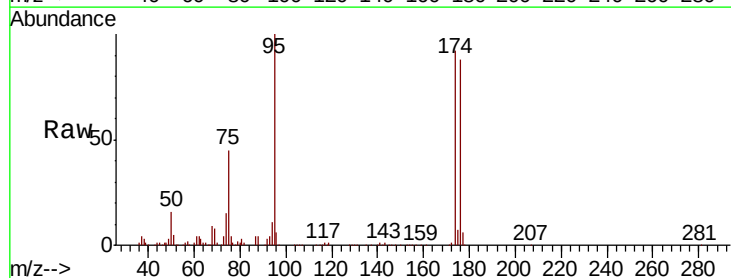
Tgt Ion: 95 Resp: 336191

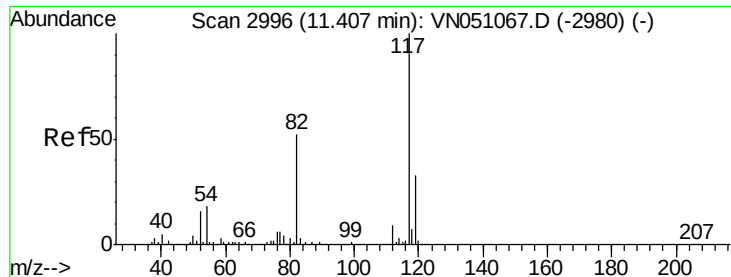
Ion Ratio Lower Upper

95 100

174 93.9 0.0 184.8

176 88.8 0.0 178.6

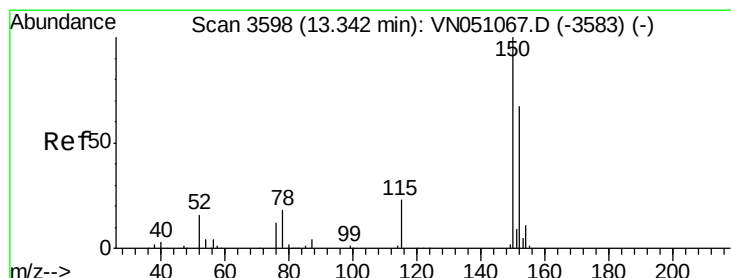
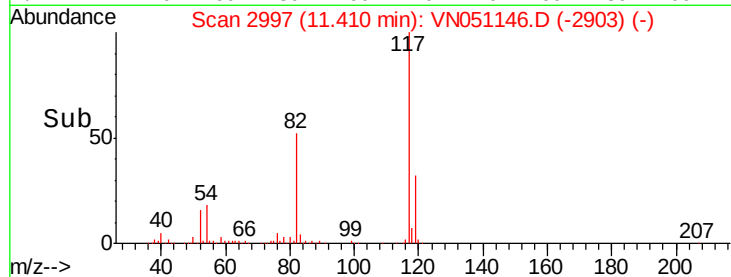
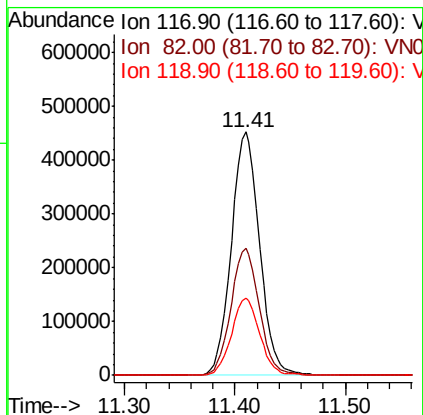
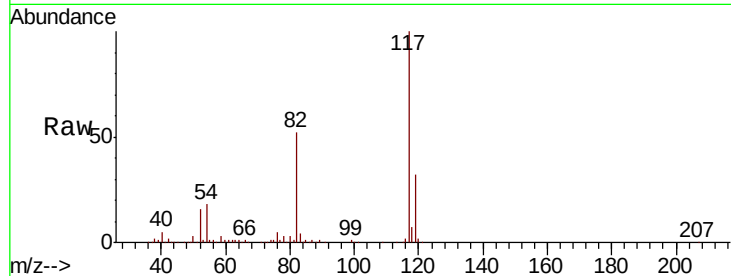




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

Tot Ion:117 Resp: 803750
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion:152 Resp: 245944
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.7 0.0 349.0

