

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050706.D
 Acq On : 16 Aug 2018 17:10
 Operator : MD\SY
 Sample : PB112098ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#10

Quant Time: Aug 17 04:58:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

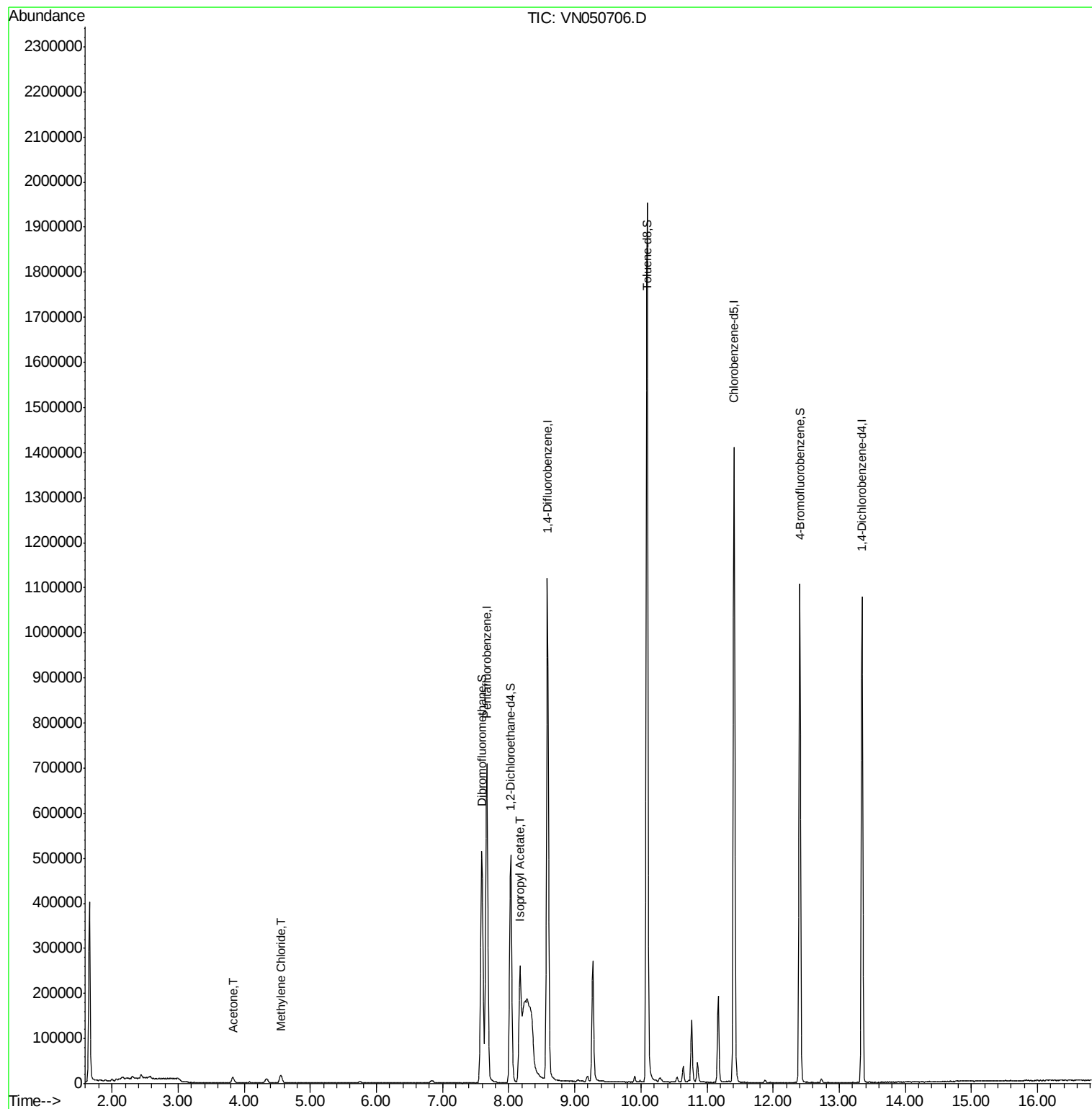
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1035171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426562	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	7.59	113	399623	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	10.09	98	1408445	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.40	95	375092	36.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.00%	
Target Compounds						
16) Acetone	3.82	43	21997	10.06	ug/l	92
20) Methylene Chloride	4.55	84	13106	0.53	ug/l	91
43) Isopropyl Acetate	8.17	43	333061	28.06	ug/l #	92

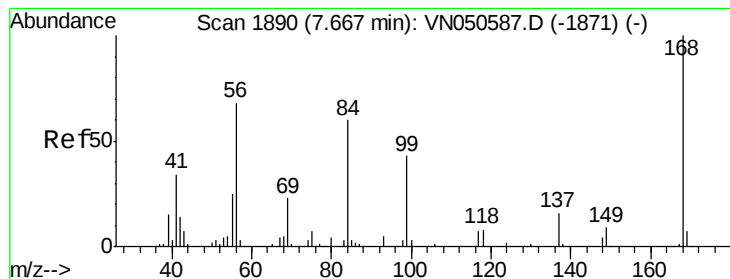
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050706.D

Acq: 16 Aug 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

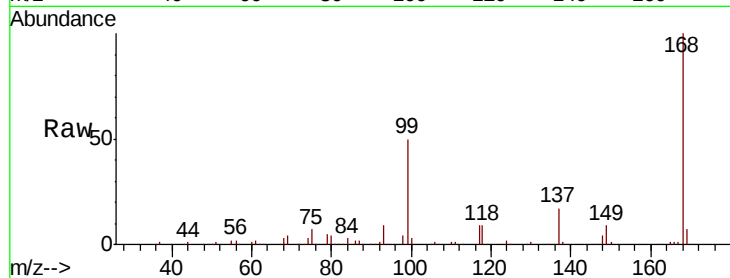
PB112098ZHE#10

Tot Ion:168 Resp: 610574

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

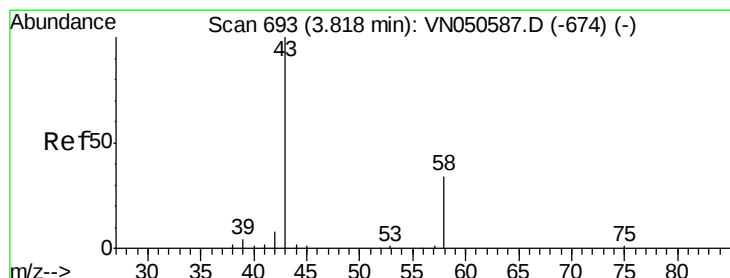
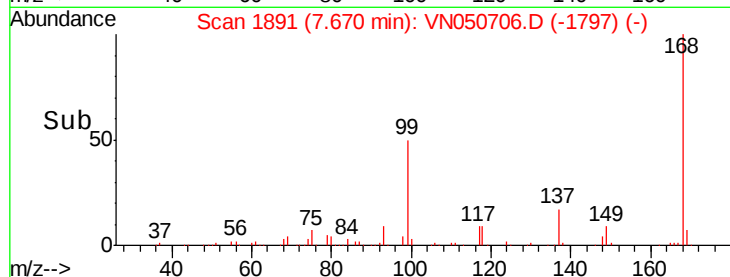
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.06 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050706.D

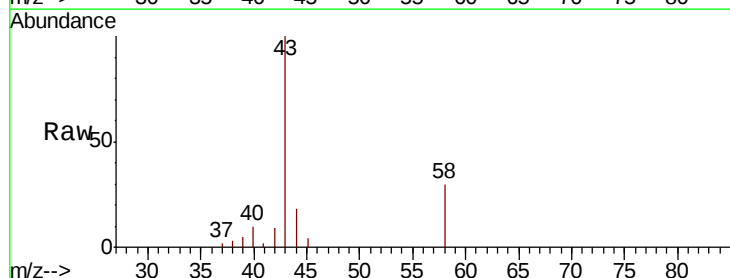
Acq: 16 Aug 2018 17:10

Tgt Ion: 43 Resp: 21997

Ion Ratio Lower Upper

43 100

58 29.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

8000

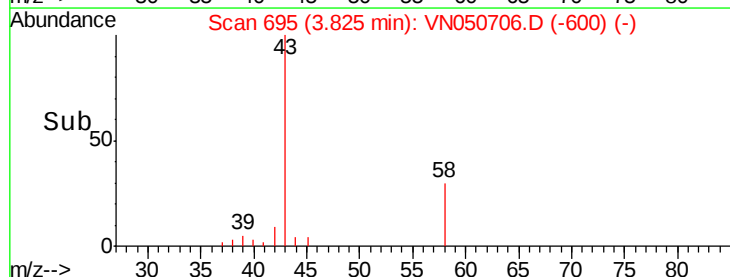
6000

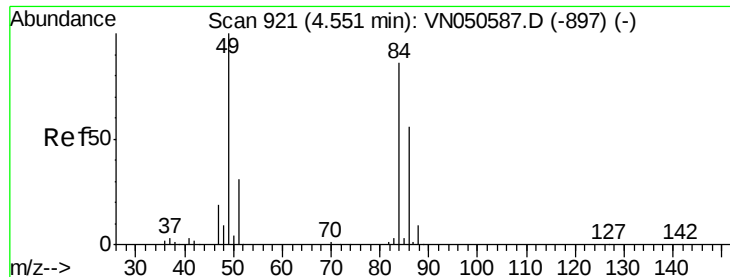
4000

2000

0

Time-->

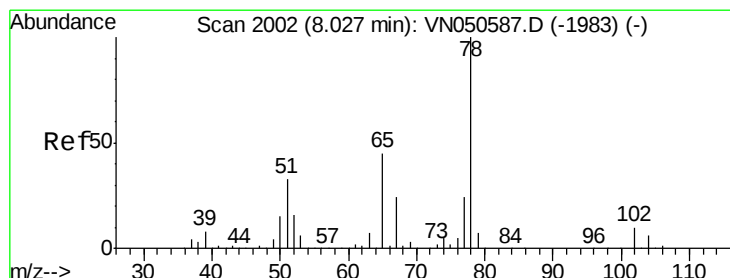
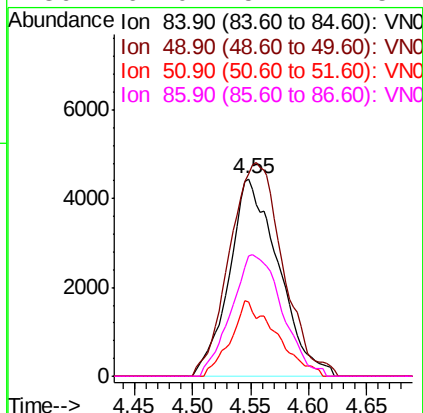
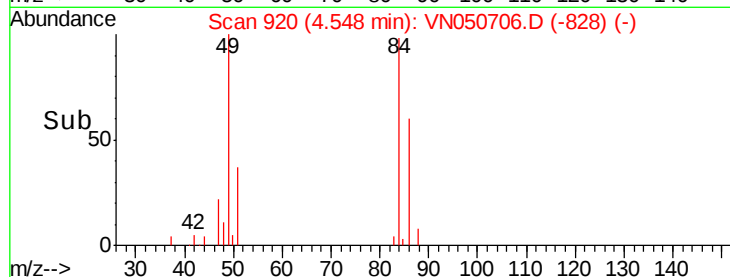
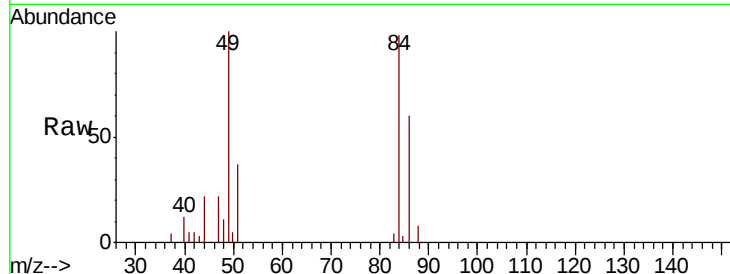




#20
Methvlene Chloride
Concen: 0.53 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050706.D
Acq: 16 Aug 2018 17:10

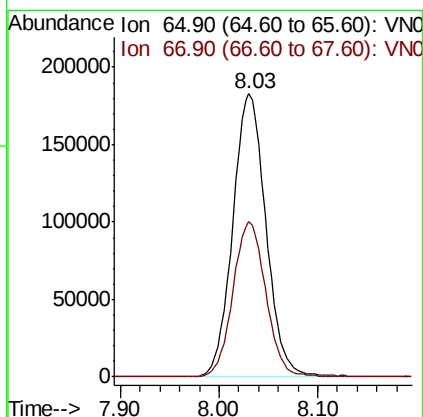
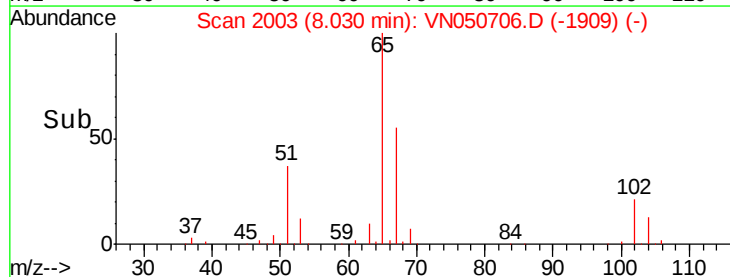
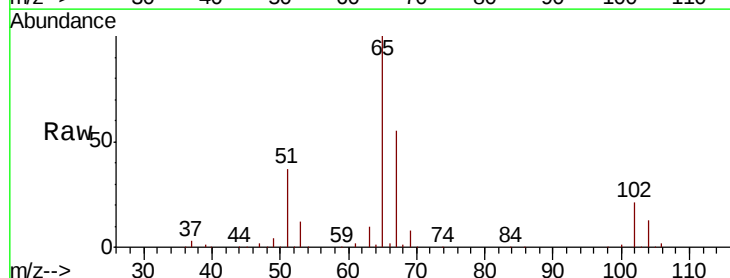
Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#10

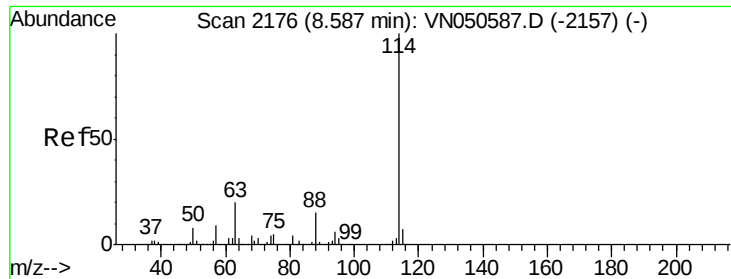
Tot Ion: 84 Resp: 13106
Ion Ratio Lower Upper
84 100
49 102.5 92.6 138.8
51 37.8 28.6 43.0
86 61.0 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 55.42 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050706.D
Acq: 16 Aug 2018 17:10

Tgt Ion: 65 Resp: 426562
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.8

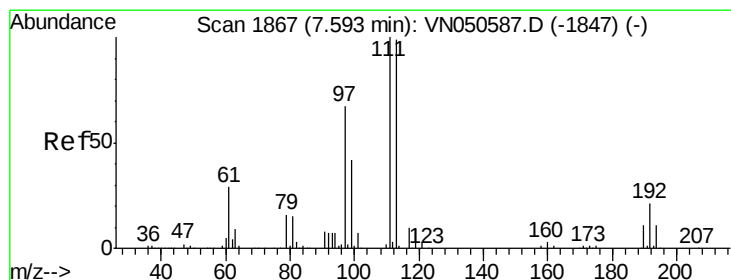
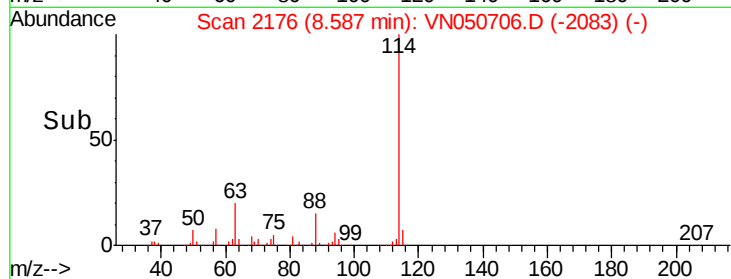
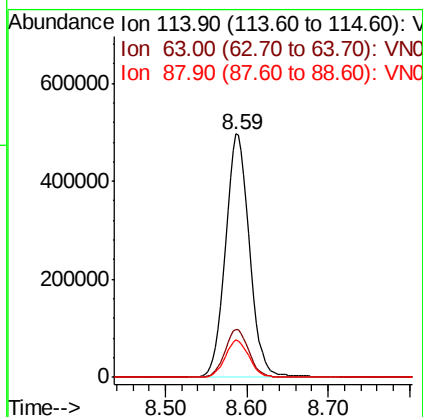
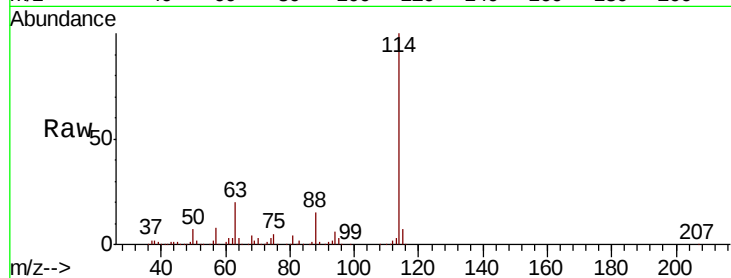




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050706.D
 Acq: 16 Aug 2018 17:10

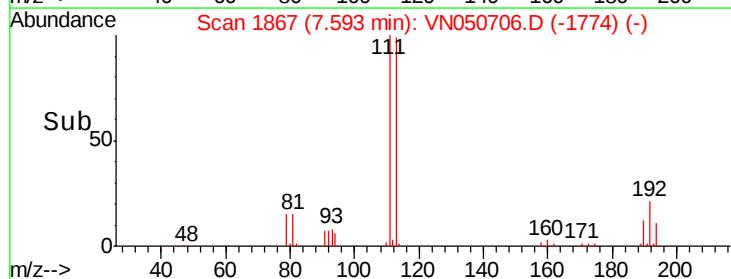
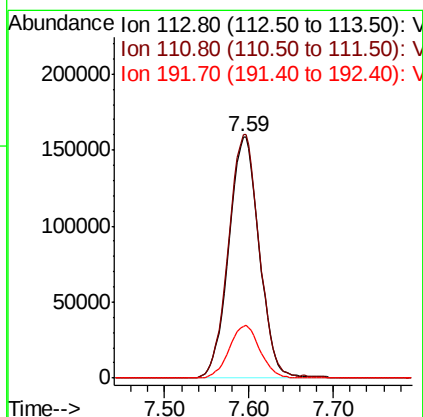
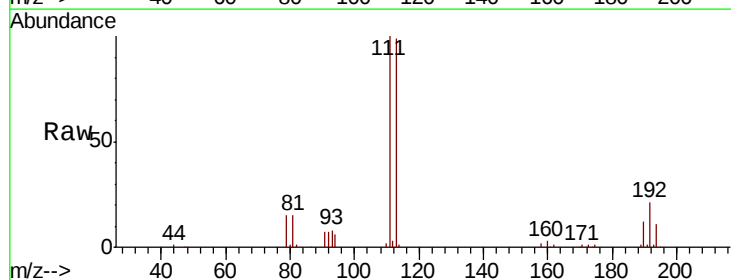
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#10

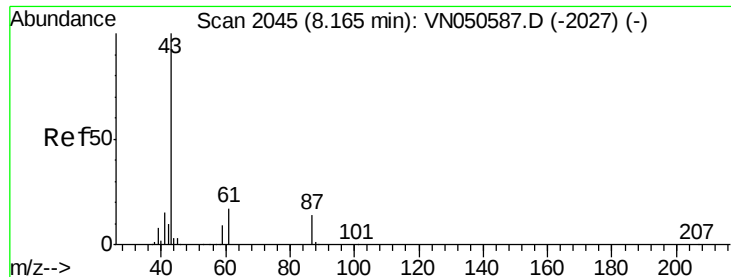
Tot Ion:114 Resp: 1035171
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 48.35 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050706.D
 Acq: 16 Aug 2018 17:10

Tgt Ion:113 Resp: 399623
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.0 121.6
 192 21.9 17.6 26.4





#43

Isopropyl Acetate

Concen: 28.06 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050706.D

Acq: 16 Aug 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

PB112098ZHE#10

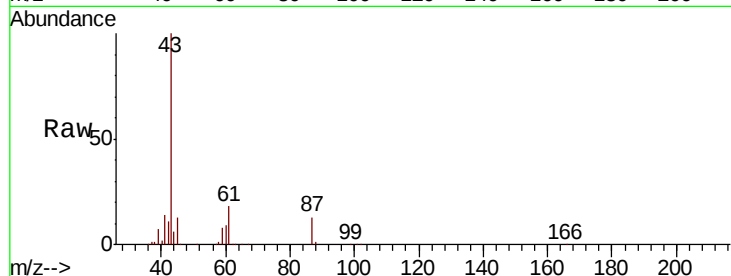
Tot Ion: 43 Resp: 333061

Ion Ratio Lower Upper

43 100

61 16.4 16.2 24.2

87 10.4 10.9 16.3#



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

150000

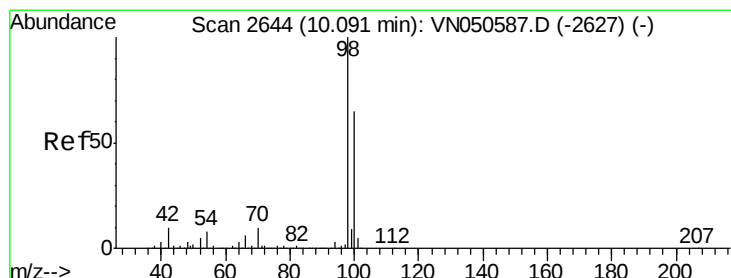
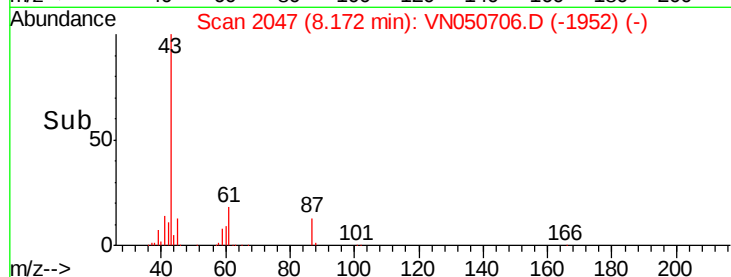
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 45.28 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050706.D

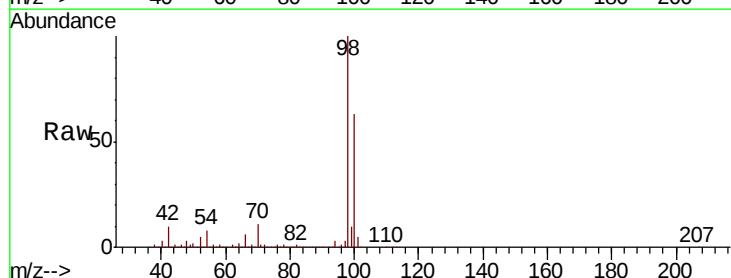
Acq: 16 Aug 2018 17:10

Tgt Ion: 98 Resp: 1408445

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

800000

600000

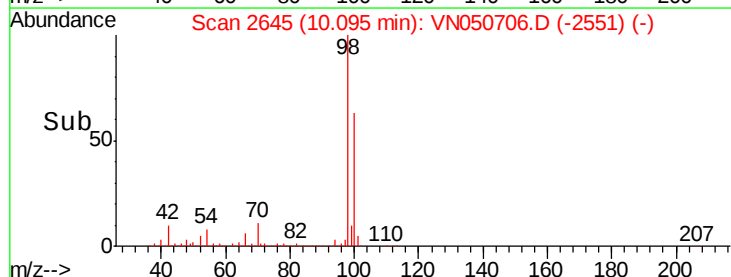
400000

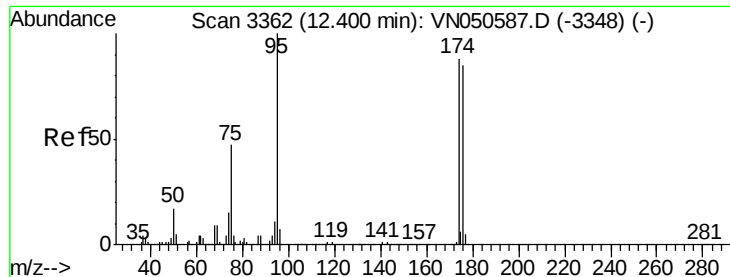
200000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 36.50 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050706.D

Acq: 16 Aug 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

PB112098ZHE#10

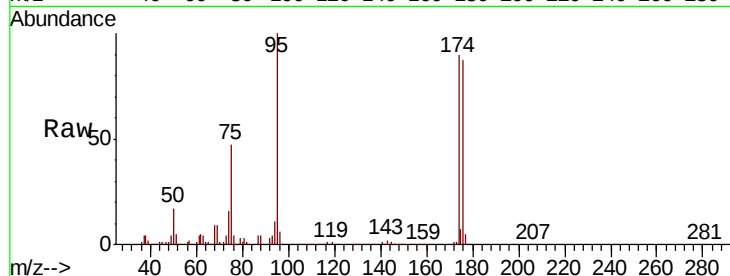
Tot Ion: 95 Resp: 375092

Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.8

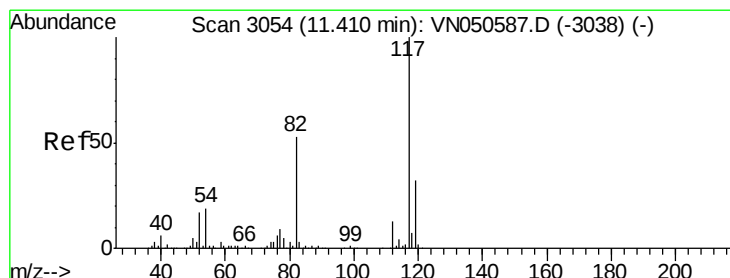
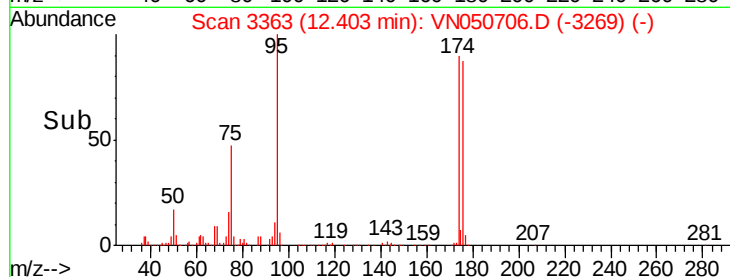
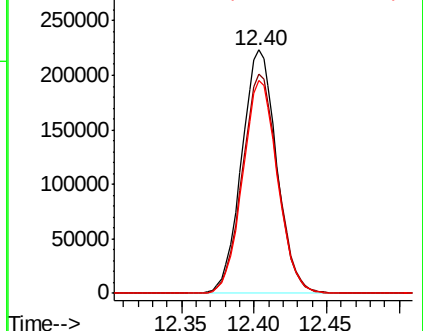
176 87.1 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050706.D

Acq: 16 Aug 2018 17:10

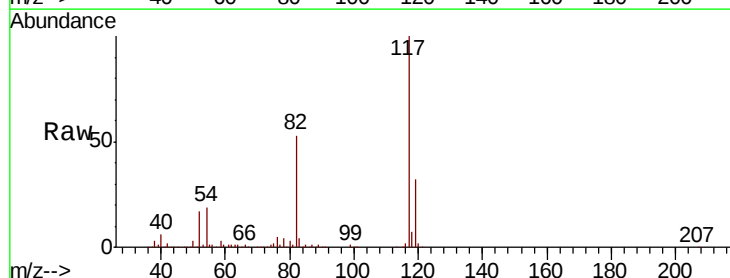
Tgt Ion: 117 Resp: 870978

Ion Ratio Lower Upper

117 100

82 52.9 42.4 63.6

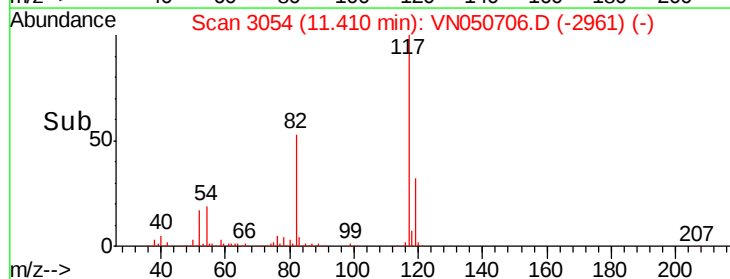
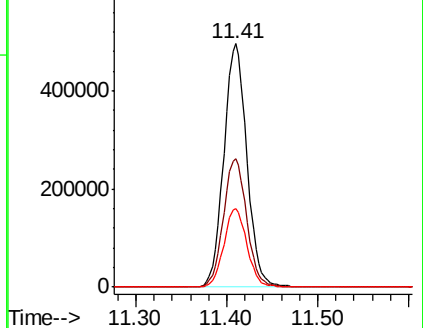
119 32.2 25.8 38.8

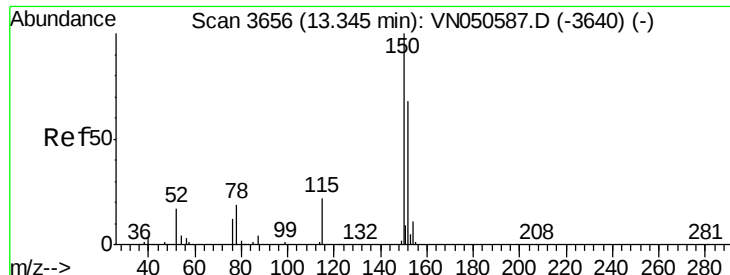


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050706.D

Acq: 16 Aug 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

PB112098ZHE#10

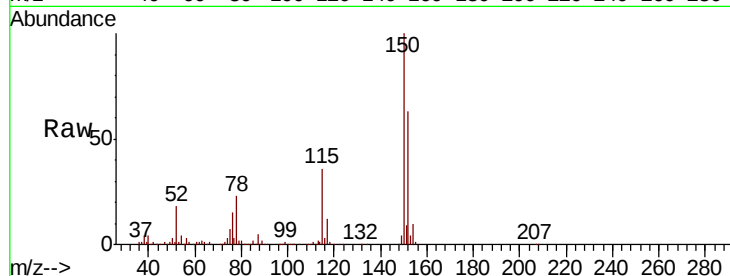
Tot Ion:152 Resp: 303214

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 157.1 0.0 347.8



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

