

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051764.D
 Acq On : 9 Oct 2018 21:50
 Operator : MD\SY
 Sample : PB113645ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#04

Quant Time: Oct 10 04:41:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

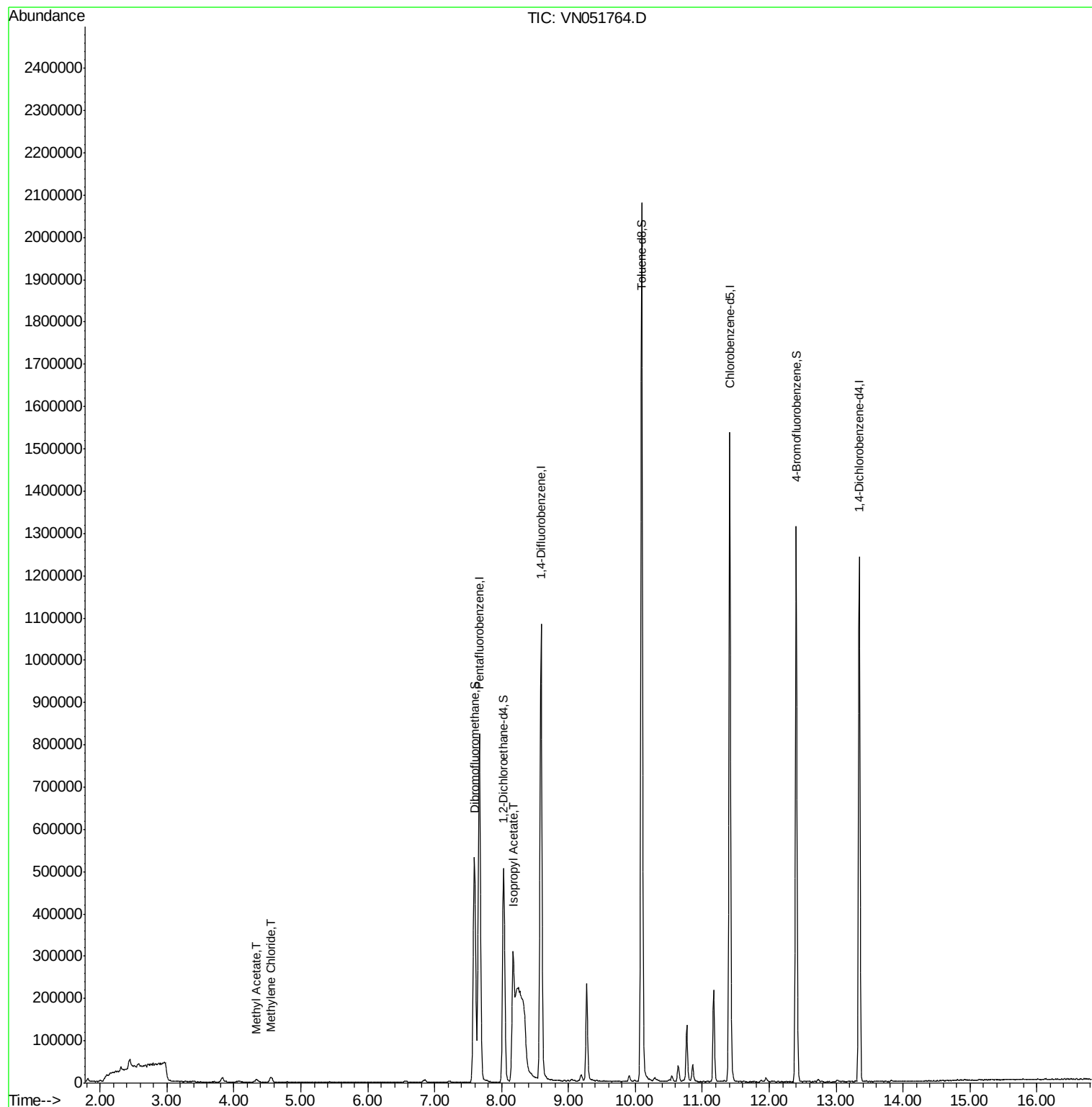
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	729429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1055236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	921357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	435579	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
35) Dibromofluoromethane	7.59	113	392408	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.09	98	1512995	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	416408	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
Target Compounds						
18) Methyl Acetate	4.34	43	11357	2.135	ug/l #	84
20) Methylene Chloride	4.55	84	8935	1.127	ug/l	91
43) Isopropyl Acetate	8.17	43	399551	33.313	ug/l #	90

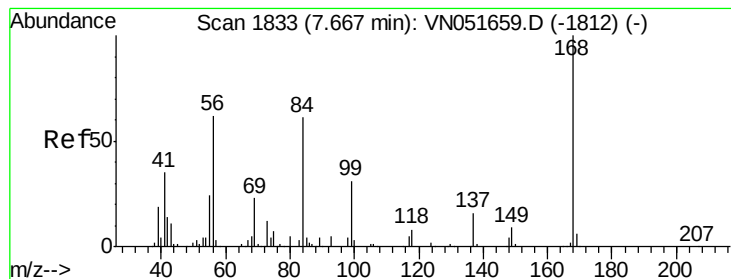
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051764.D

Acq: 9 Oct 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

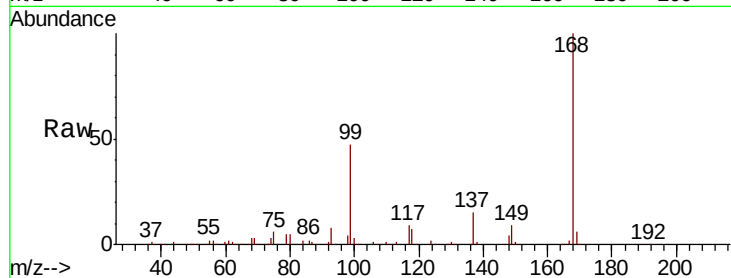
PB113645ZHE#04

Tot Ion:168 Resp: 729429

Ion Ratio Lower Upper

168 100

99 47.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051764.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051764.D (-1740) (-)

7.67

300000

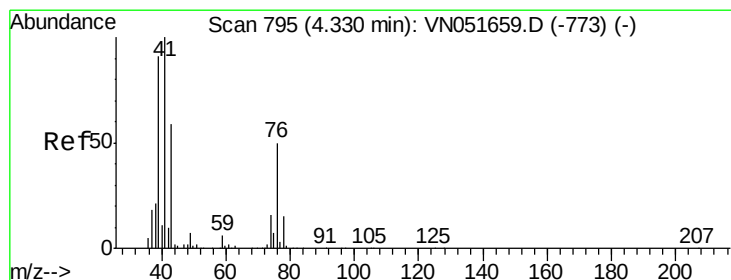
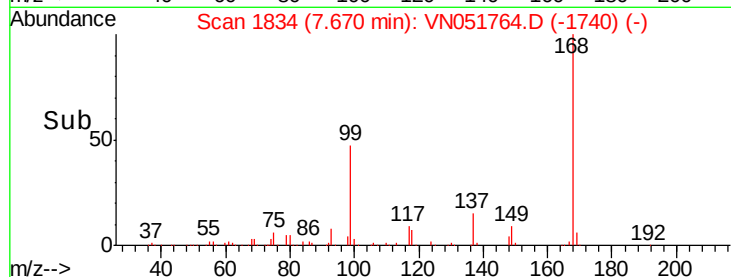
200000

100000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 2.135 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051764.D

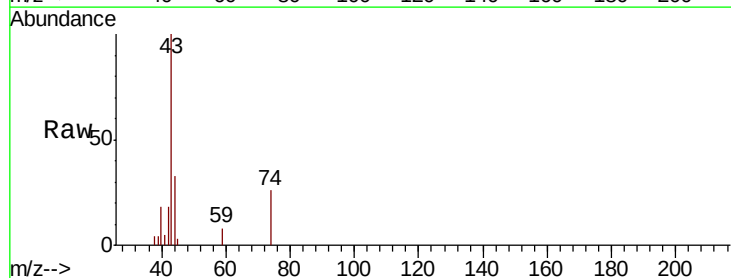
Acq: 9 Oct 2018 21:50

Tgt Ion: 43 Resp: 11357

Ion Ratio Lower Upper

43 100

74 18.8 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051764.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN051764.D (-702) (-)

4.34

5000

4000

3000

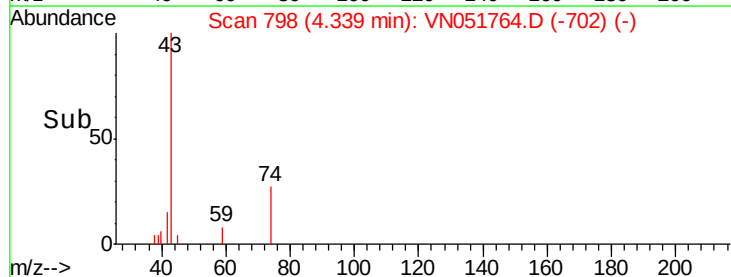
2000

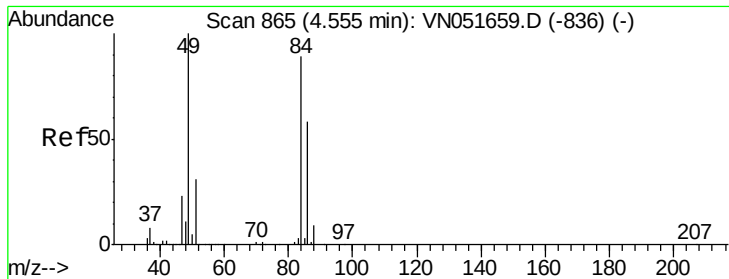
1000

0

4.25 4.30 4.35 4.40

Time-->

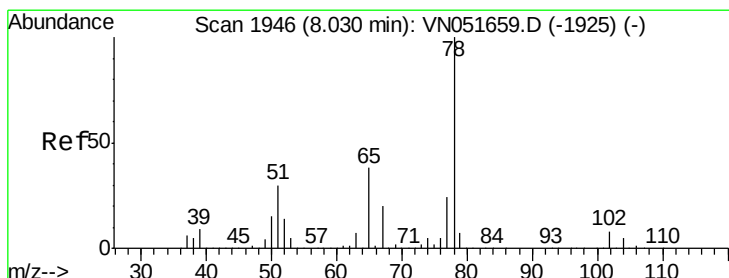
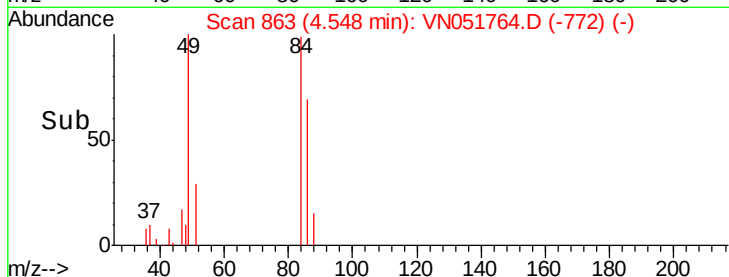
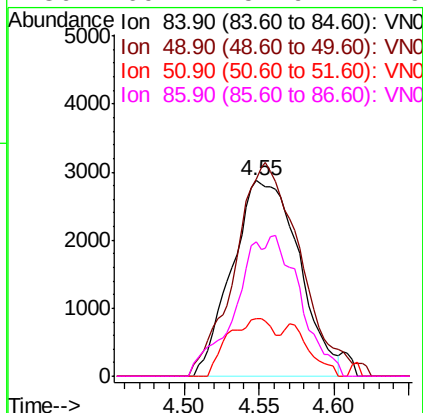
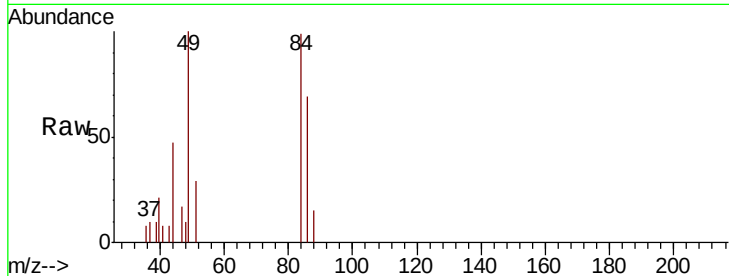




#20
Methylene Chloride
Concen: 1.127 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN051764.D
Acq: 9 Oct 2018 21:50

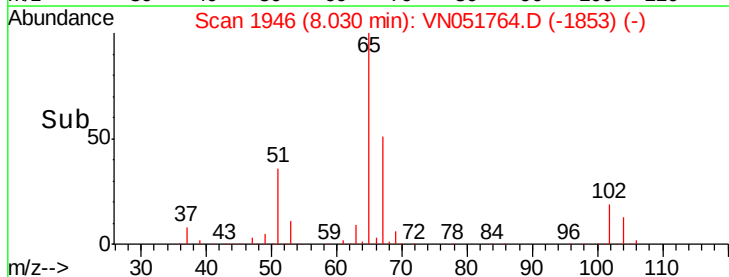
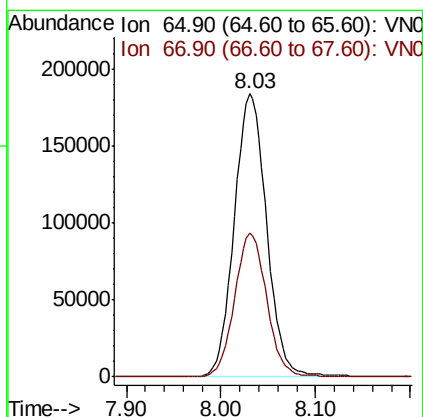
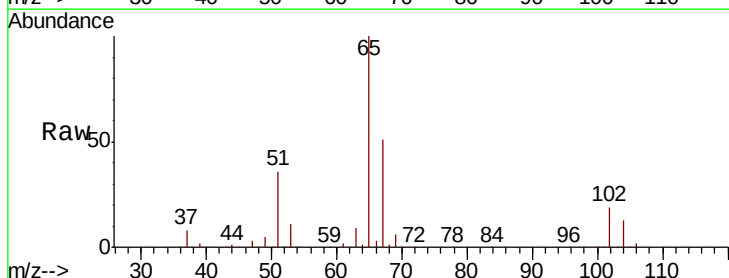
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#04

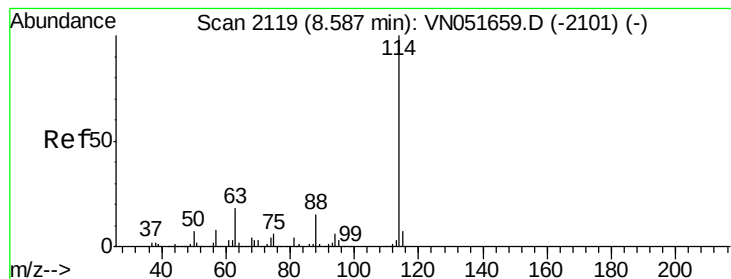
Tot Ion: 84 Resp: 8935
Ion Ratio Lower Upper
84 100
49 100.7 89.5 134.3
51 29.5 27.4 41.0
86 69.1 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051764.D
Acq: 9 Oct 2018 21:50

Tgt Ion: 65 Resp: 435579
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051764.D

Acq: 9 Oct 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#04

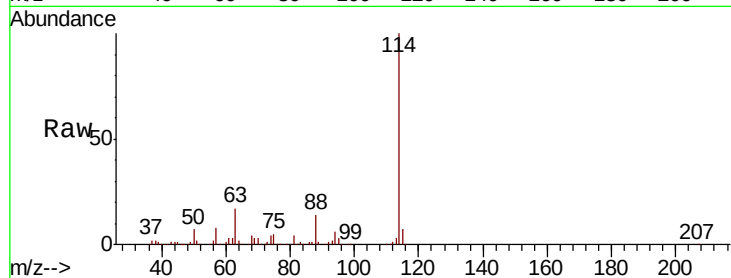
Tot Ion:114 Resp: 1055236

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.2

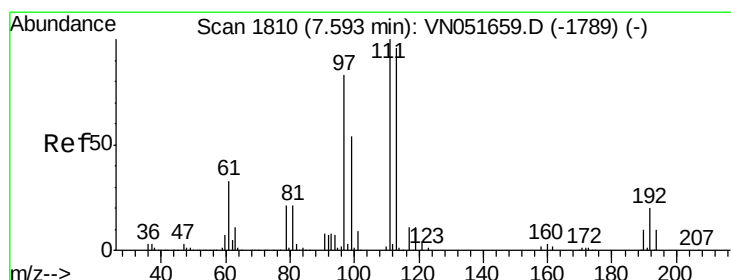
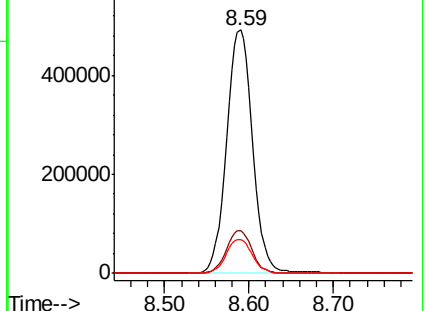
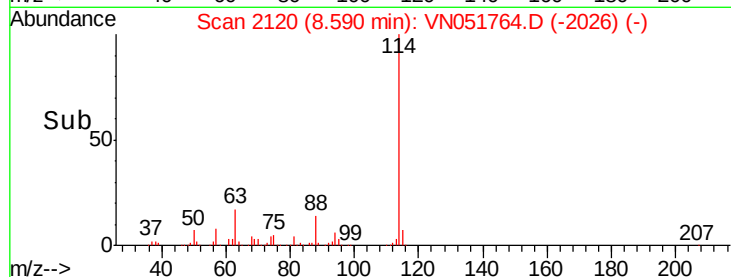
88 13.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051764.D

Acq: 9 Oct 2018 21:50

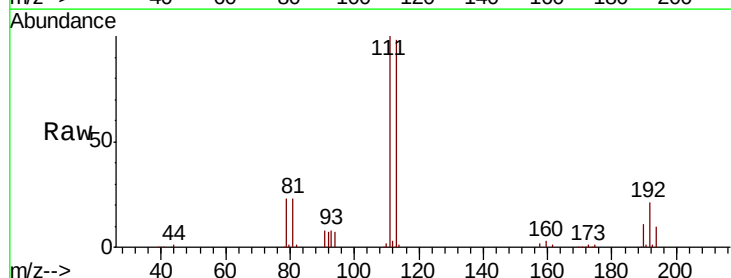
Tgt Ion:113 Resp: 392408

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

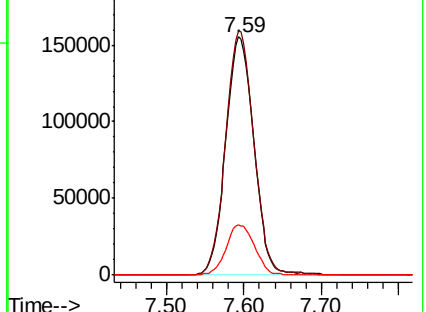
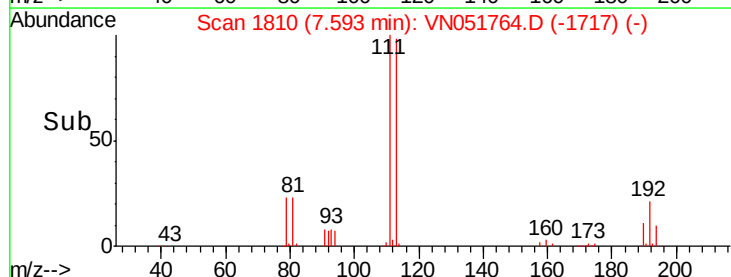
192 21.2 16.5 24.7

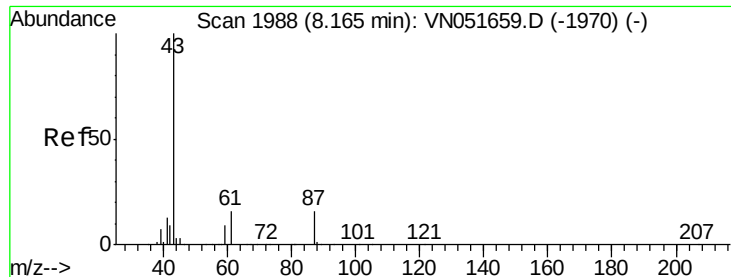


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 33.313 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051764.D

Acq: 9 Oct 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#04

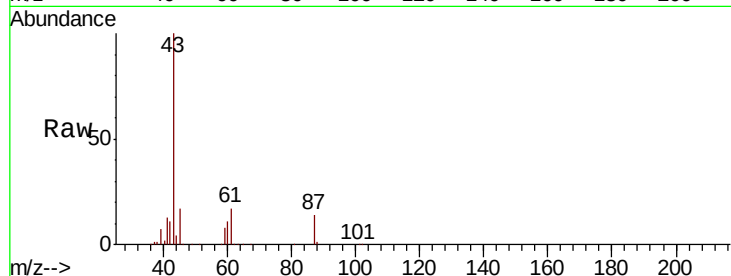
Tot Ion: 43 Resp: 399551

Ion Ratio Lower Upper

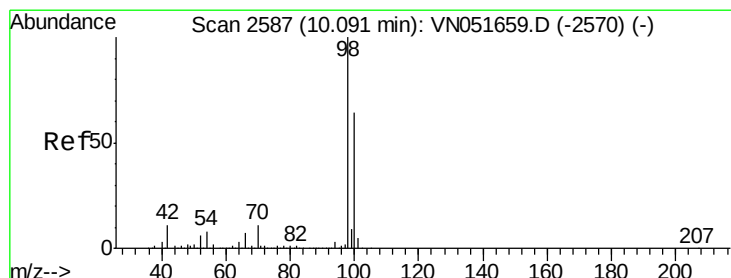
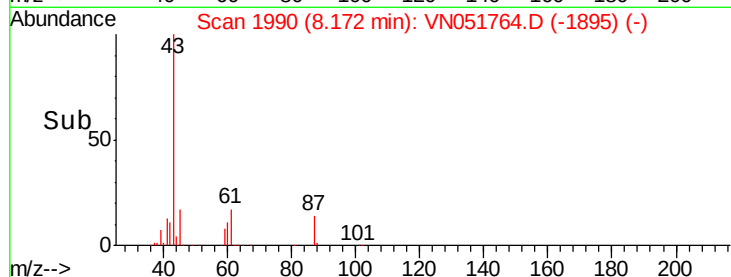
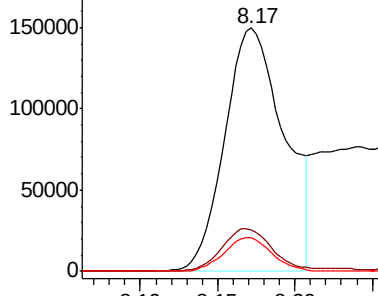
43 100

61 15.4 15.8 23.6#

87 11.3 12.6 19.0#



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: N.D. ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051764.D

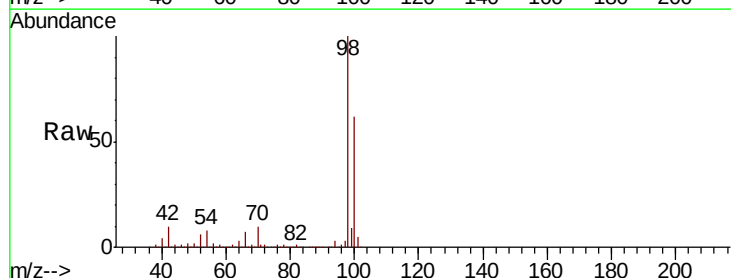
Acq: 9 Oct 2018 21:50

Tgt Ion: 98 Resp: 1512995

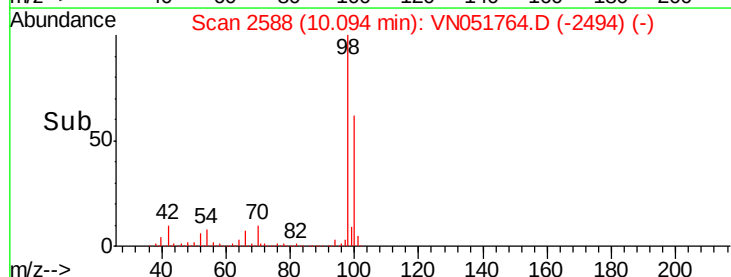
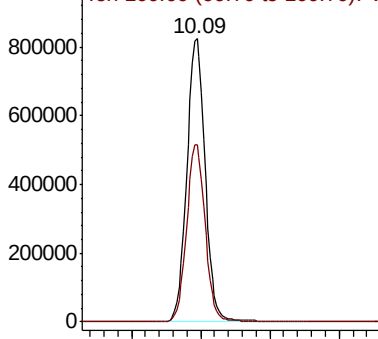
Ion Ratio Lower Upper

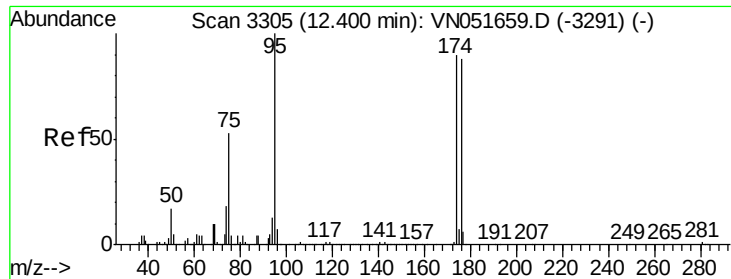
98 100

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

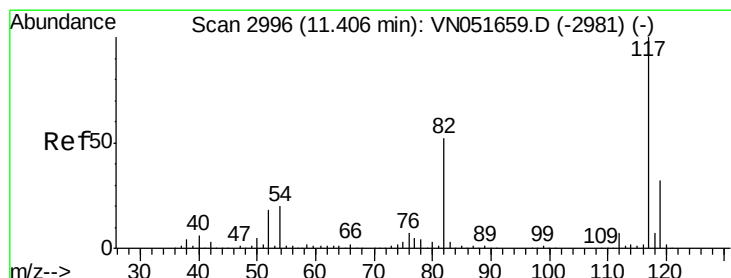
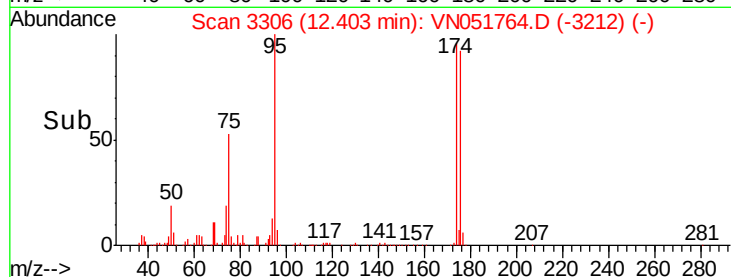
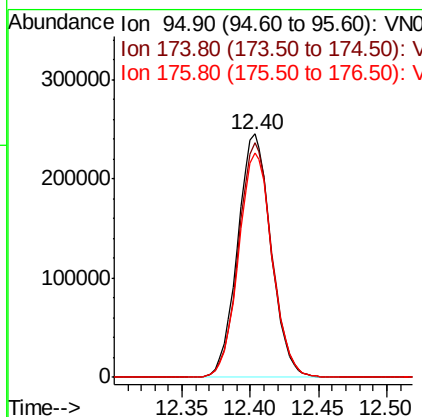
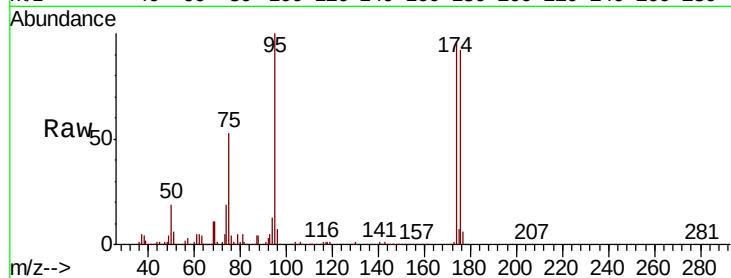




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051764.D
Acq: 9 Oct 2018 21:50

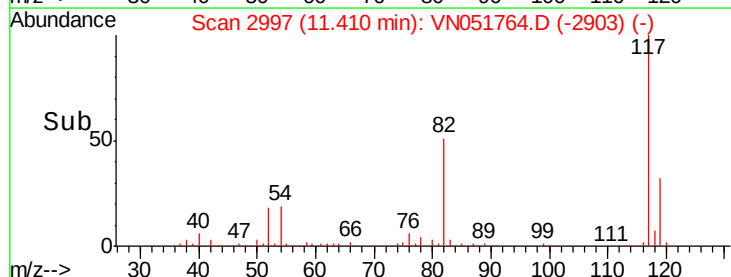
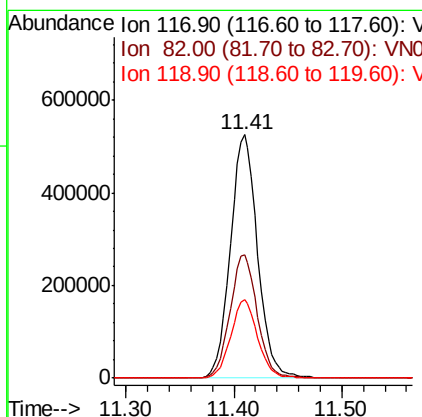
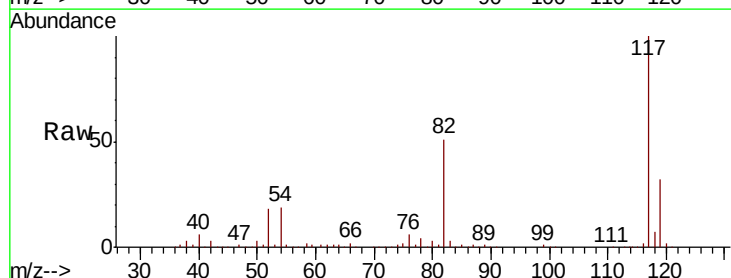
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#04

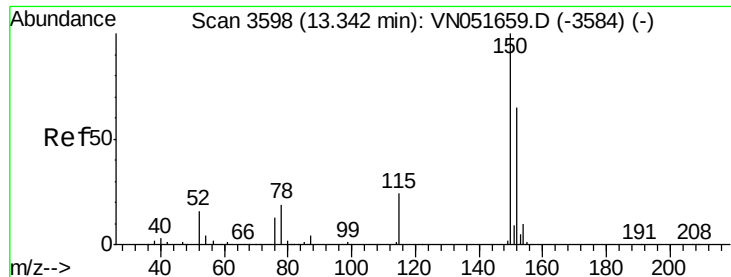
Tot Ion: 95 Resp: 416408
Ion Ratio Lower Upper
95 100
174 96.3 0.0 182.8
176 92.9 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051764.D
Acq: 9 Oct 2018 21:50

Tgt Ion: 117 Resp: 921357
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051764.D

Acq: 9 Oct 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#04

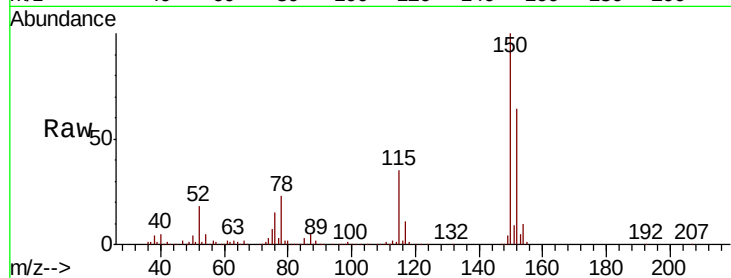
Tot Ion:152 Resp: 347089

Ion Ratio Lower Upper

152 100

115 54.2 28.6 85.8

150 157.5 0.0 352.4



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

