

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051763.D
 Acq On : 9 Oct 2018 21:25
 Operator : MD\SY
 Sample : PB113645ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#03

Quant Time: Oct 10 04:37:22 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

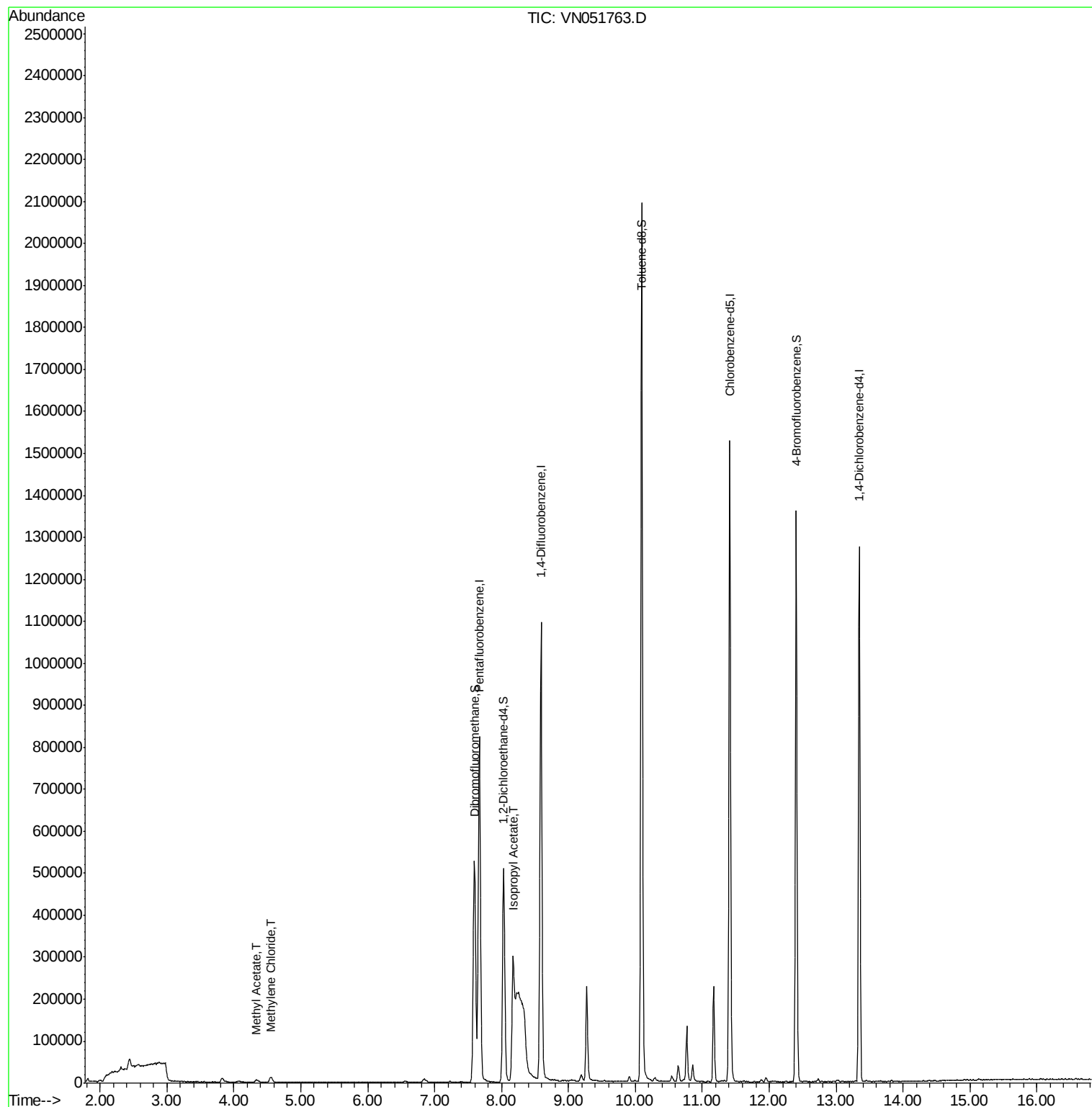
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	725157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1050373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431387	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
35) Dibromofluoromethane	7.59	113	392508	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1512654	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	429018	40.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.02%	
Target Compounds						
18) Methyl Acetate	4.34	43	11774	2.227	ug/l	94
20) Methylene Chloride	4.56	84	9670	1.227	ug/l	93
43) Isopropyl Acetate	8.17	43	424934	35.594	ug/l #	87

(#) = 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: VN051763.D

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Instrument :

MSVOA_N

ClientSampleId :

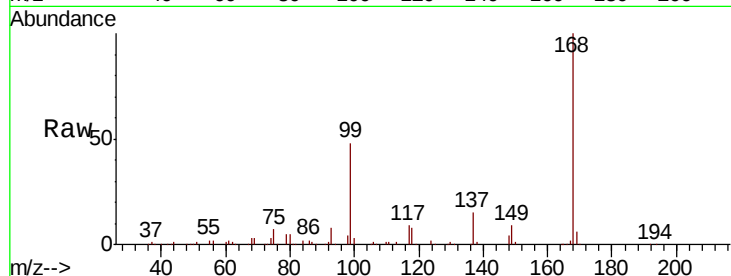
PB113645ZHE#03

Tot Ion:168 Resp: 725157

Ion Ratio Lower Upper

168 100

99 47.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

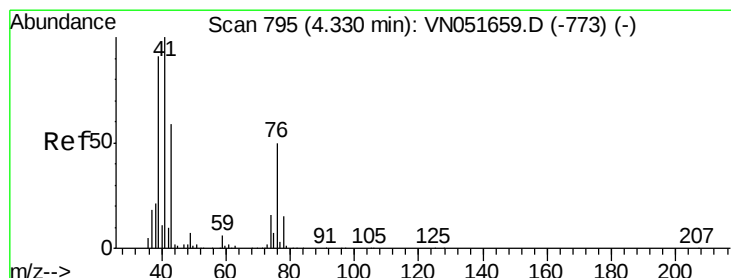
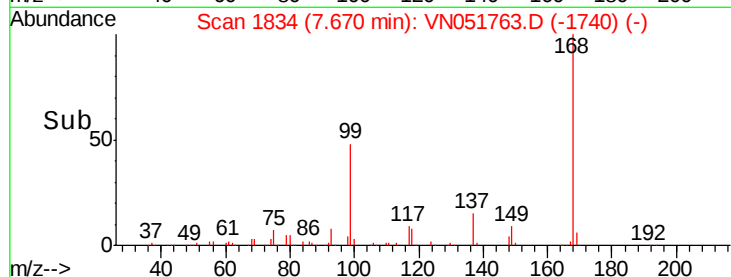
200000

100000

0

Time-->

7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.227 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051763.D

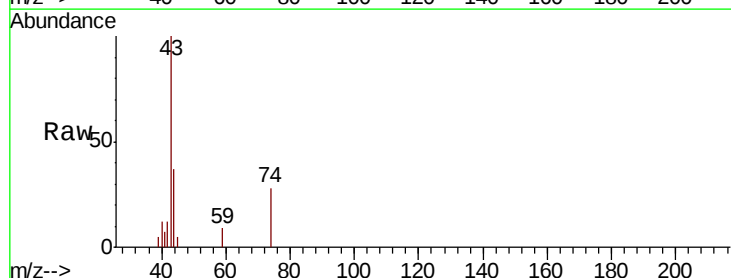
Acq: 9 Oct 2018 21:25

Tgt Ion: 43 Resp: 11774

Ion Ratio Lower Upper

43 100

74 23.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

4000

3000

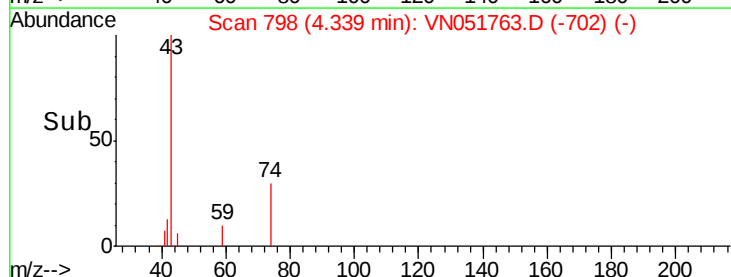
2000

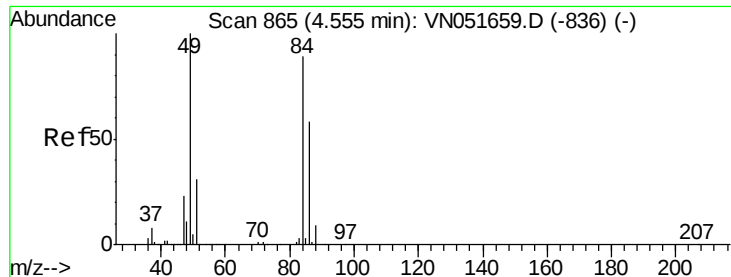
1000

0

Time-->

4.25 4.30 4.35 4.40 4.45

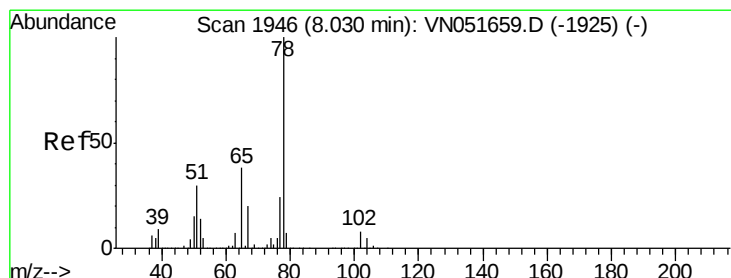
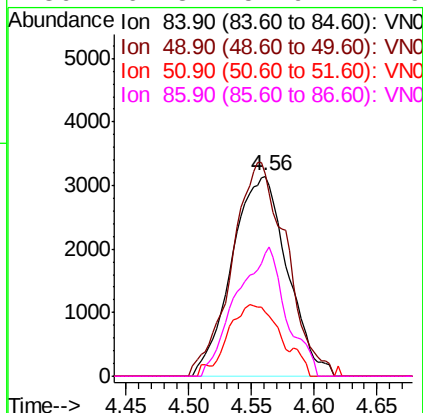
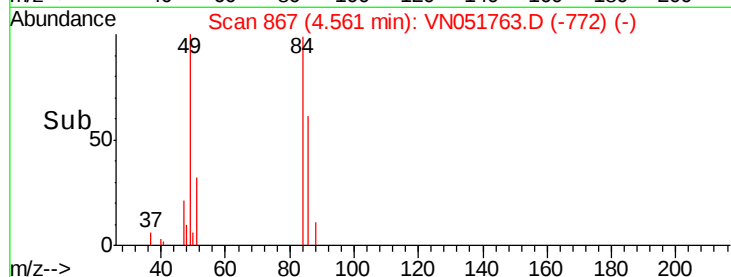
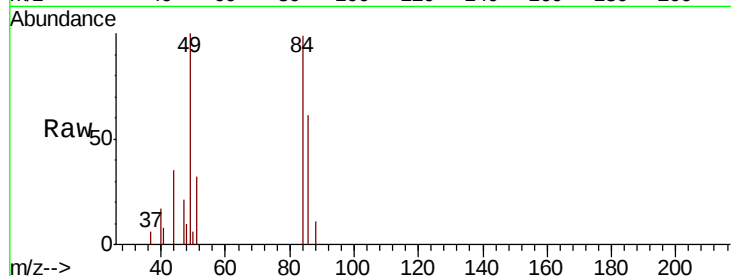




#20
Methvlene Chloride
Concen: 1.227 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

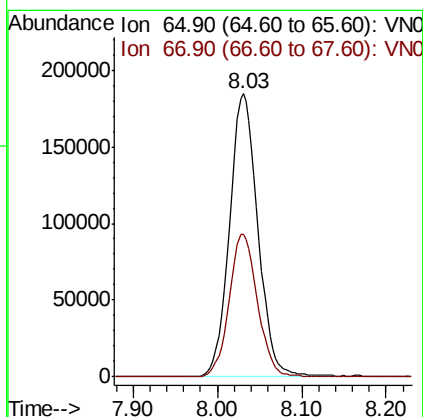
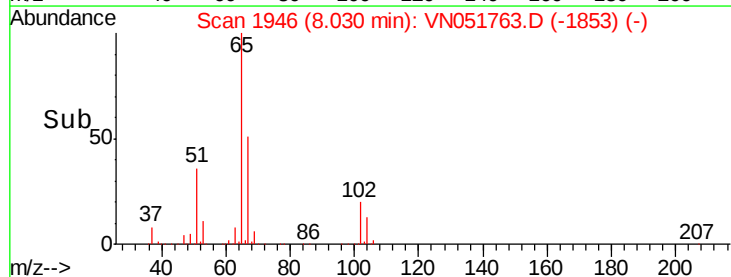
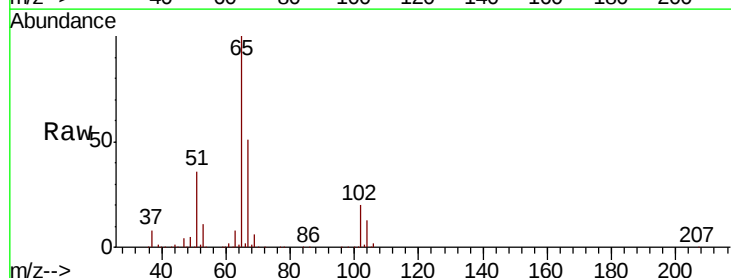
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#03

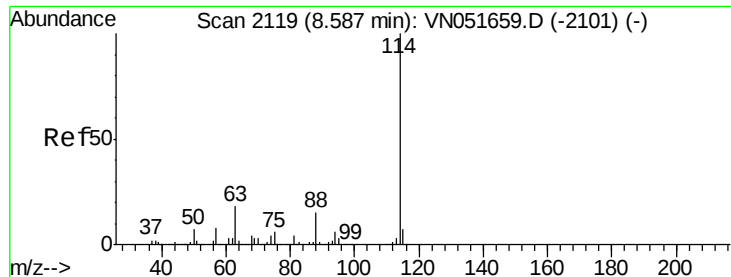
Tot Ion: 84 Resp: 9670
Ion Ratio Lower Upper
84 100
49 100.9 89.5 134.3
51 31.9 27.4 41.0
86 61.8 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Tgt Ion: 65 Resp: 431387
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.6

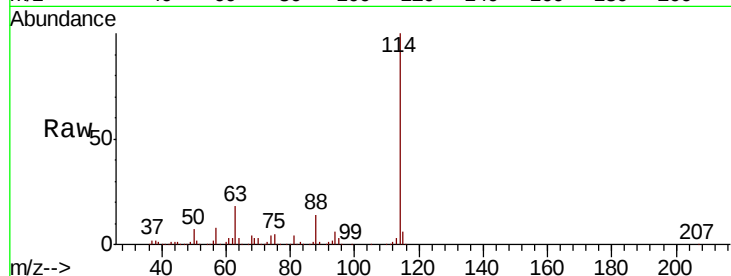




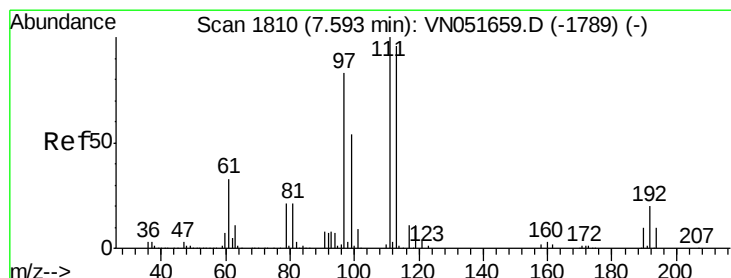
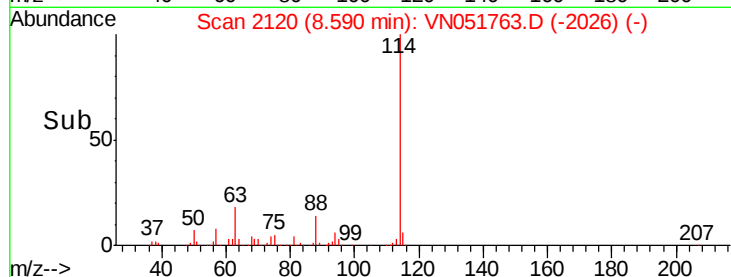
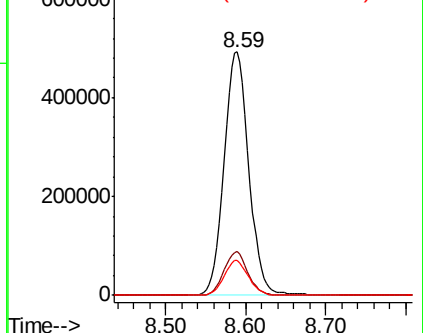
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051763.D
 Acq: 9 Oct 2018 21:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#03

Tot Ion:114 Resp: 1050373
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.2
 88 14.3 0.0 30.2

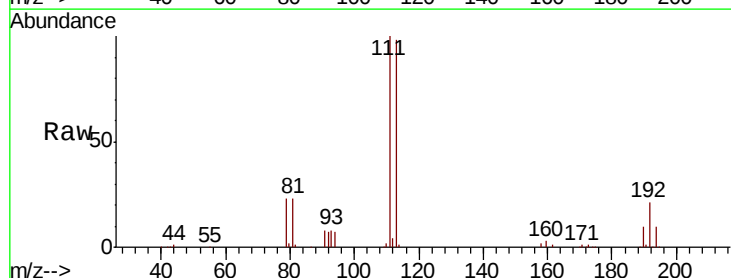


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

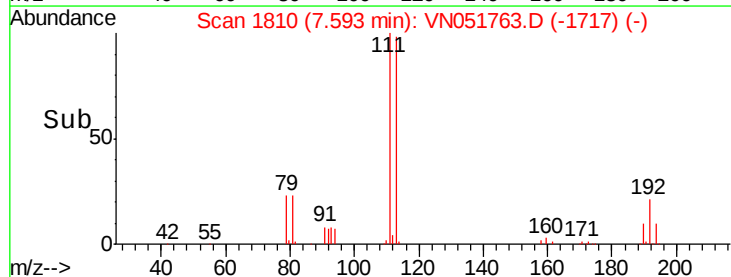
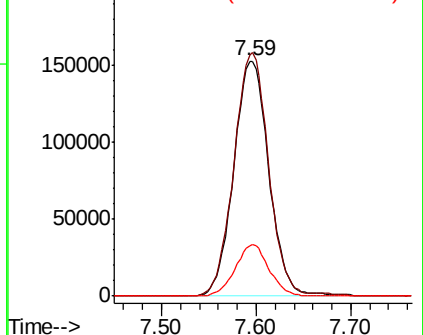


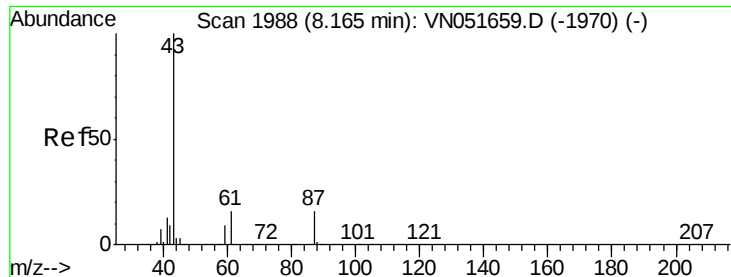
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051763.D
 Acq: 9 Oct 2018 21:25

Tgt Ion:113 Resp: 392508
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 21.1 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: 35.594 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

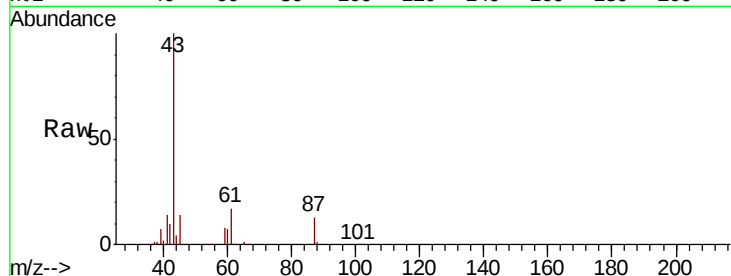
Tot Ion: 43 Resp: 424934

Ion Ratio Lower Upper

43 100

61 13.9 15.8 23.6#

87 10.5 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)

8.17

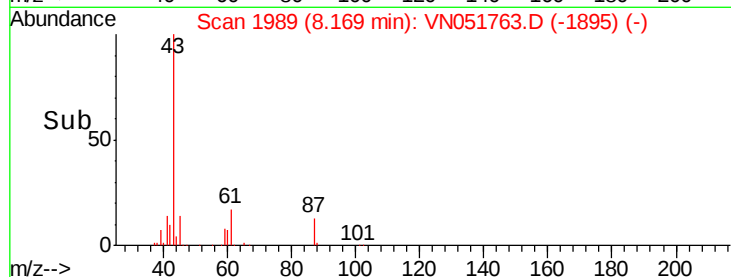
150000

100000

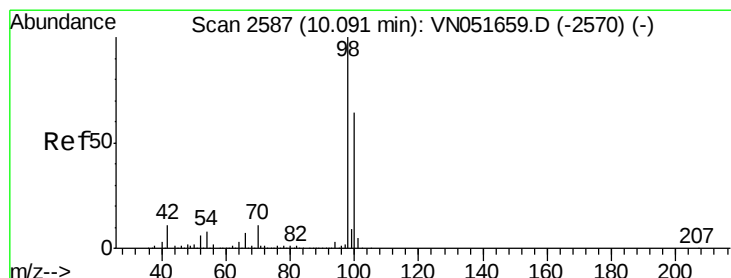
50000

0

Time-->



Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051763.D

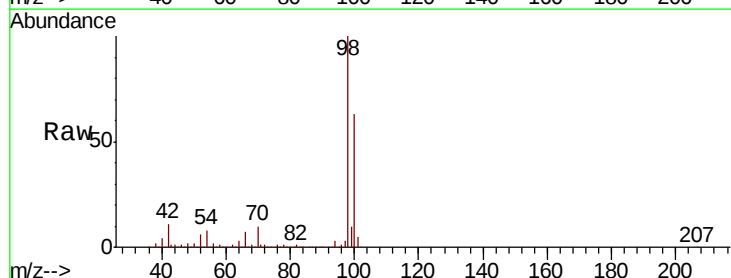
Acq: 9 Oct 2018 21:25

Tgt Ion: 98 Resp: 1512654

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)

10.09

800000

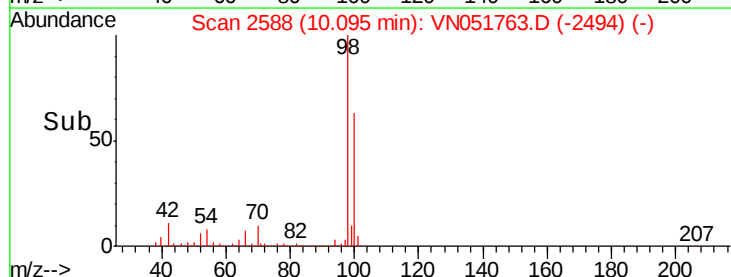
600000

400000

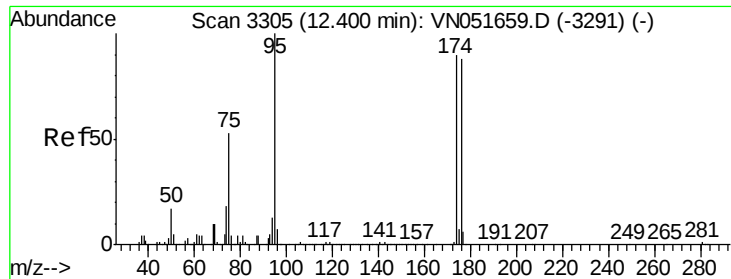
200000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

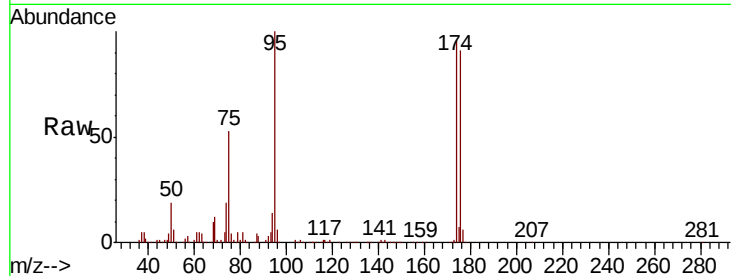
Tot Ion: 95 Resp: 429018

Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.8

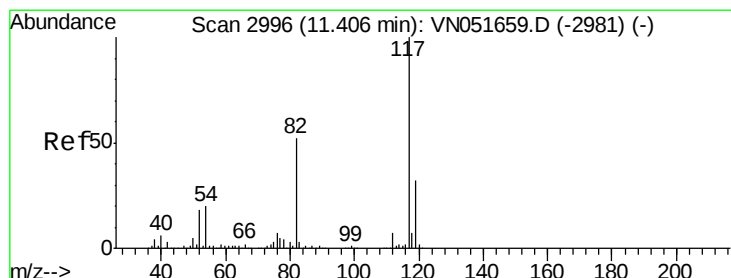
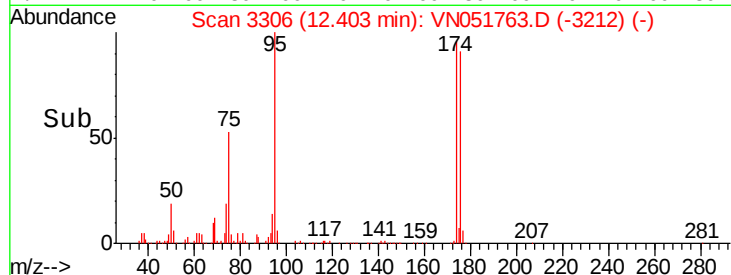
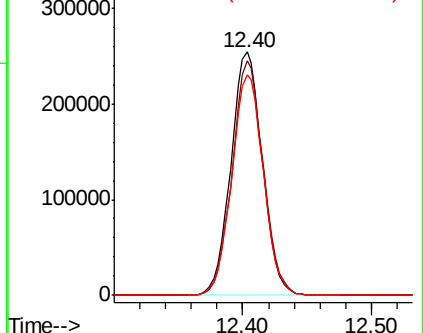
176 91.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

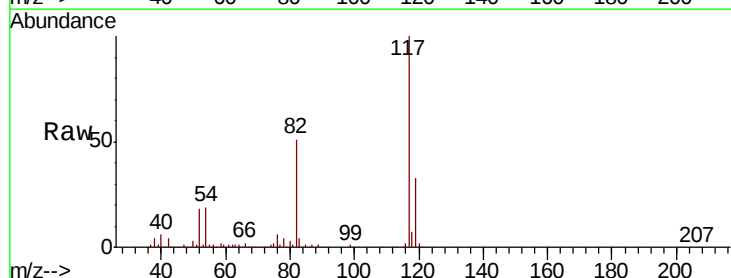
Tgt Ion: 117 Resp: 931410

Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

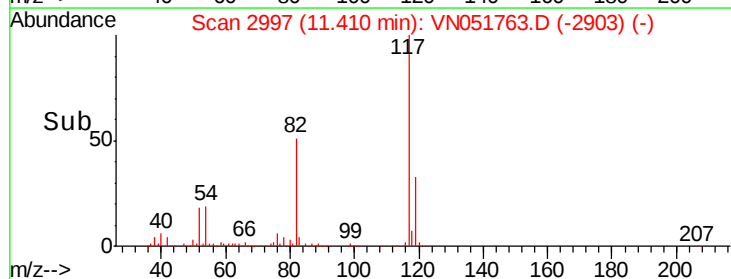
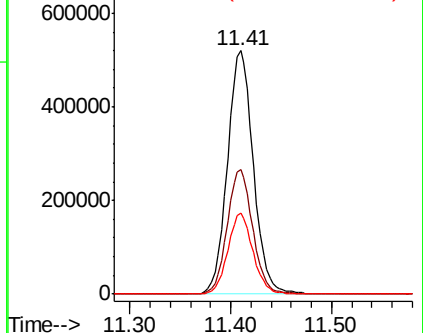
119 33.1 25.9 38.9

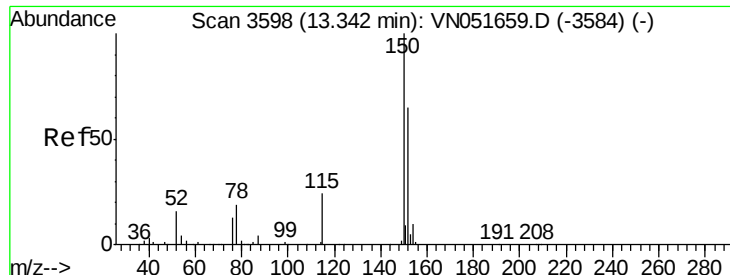


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

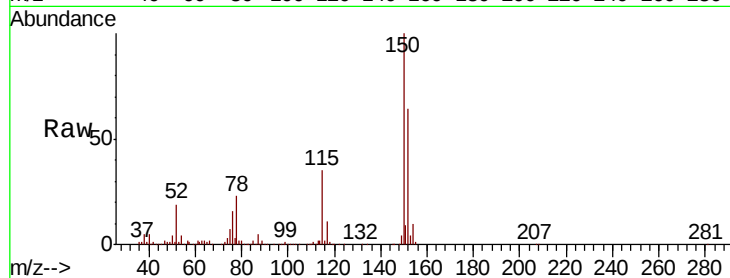
Tot Ion:152 Resp: 353440

Ion Ratio Lower Upper

152 100

115 55.1 28.6 85.8

150 157.6 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

