

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051725.D
 Acq On : 8 Oct 2018 10:52
 Operator : MD\SY
 Sample : PB113584TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113584TB

Quant Time: Oct 09 04:28:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

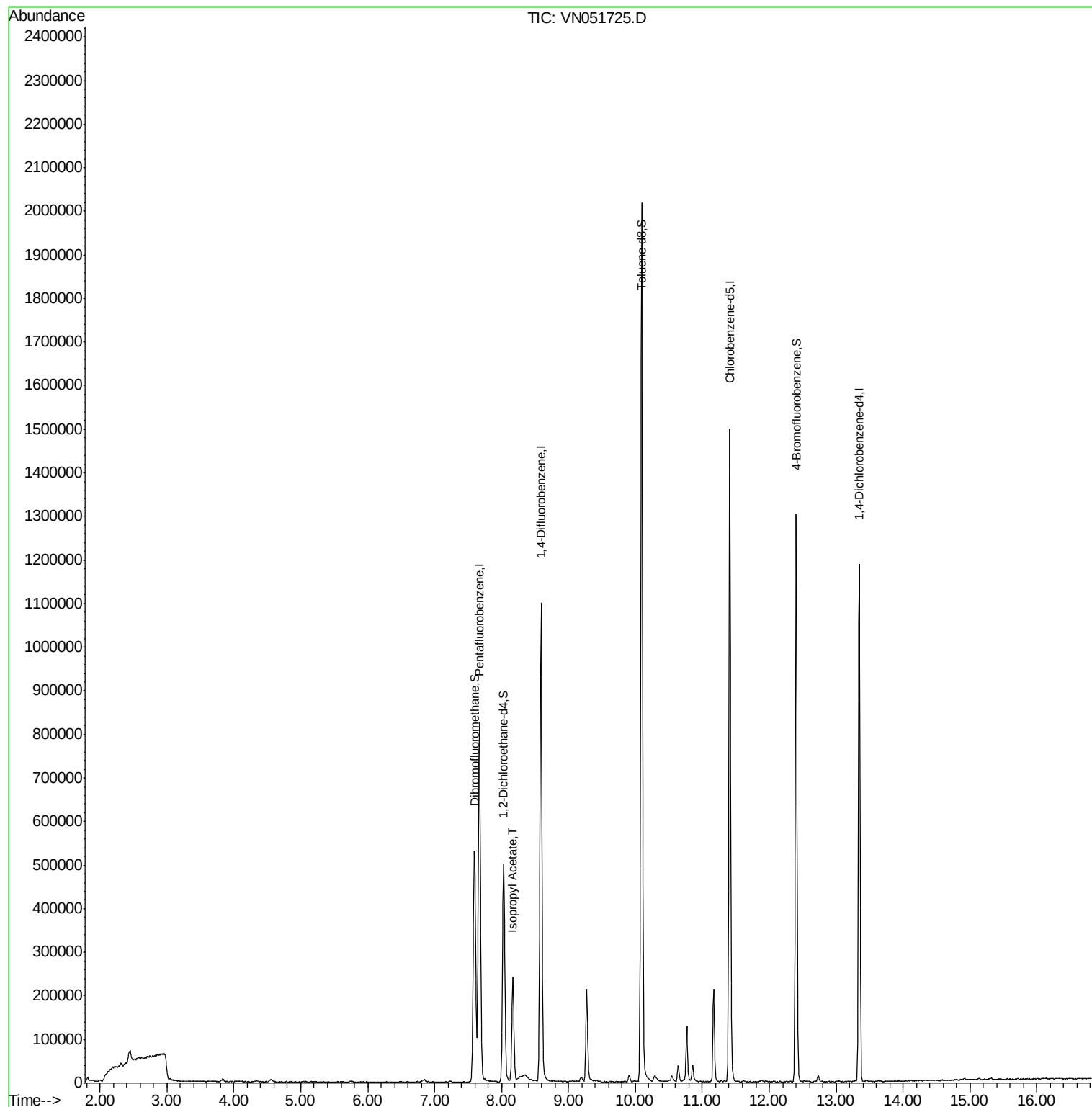
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	725434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	425936	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
35) Dibromofluoromethane	7.60	113	389148	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.09	98	1464324	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	412152	39.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.92%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	286624	24.652	ug/l	Qvalue 99

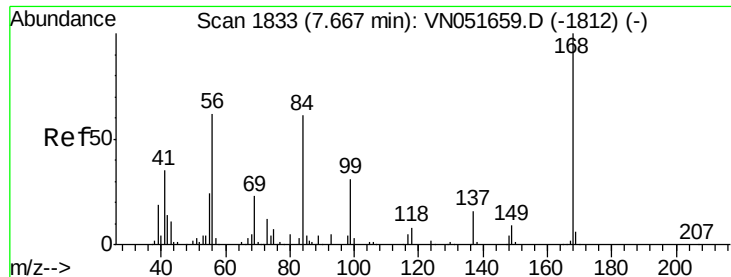
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051725.D

Acq: 8 Oct 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

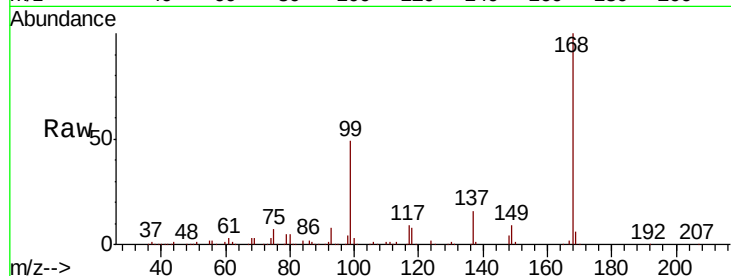
PB113584TB

Tot Ion:168 Resp: 725434

Ion Ratio Lower Upper

168 100

99 49.1 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

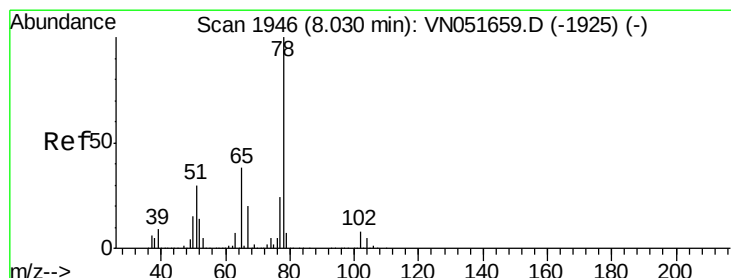
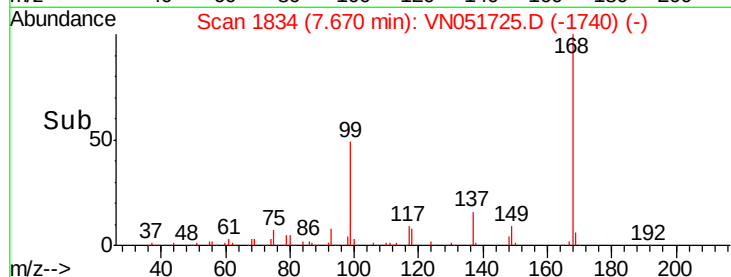
200000

100000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051725.D

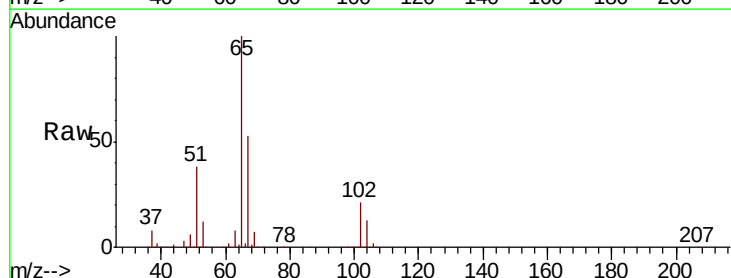
Acq: 8 Oct 2018 10:52

Tgt Ion: 65 Resp: 425936

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

150000

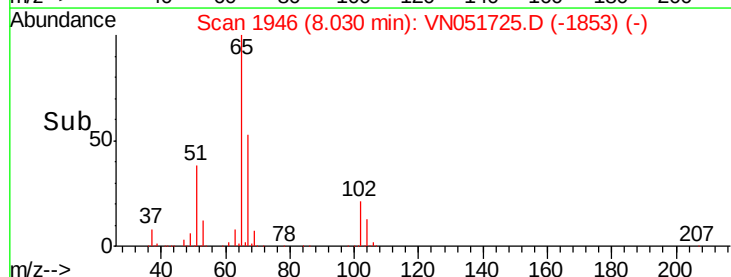
100000

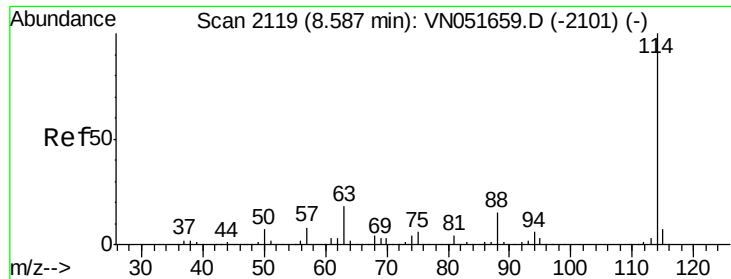
50000

0

Time-->

7.90 8.00 8.10

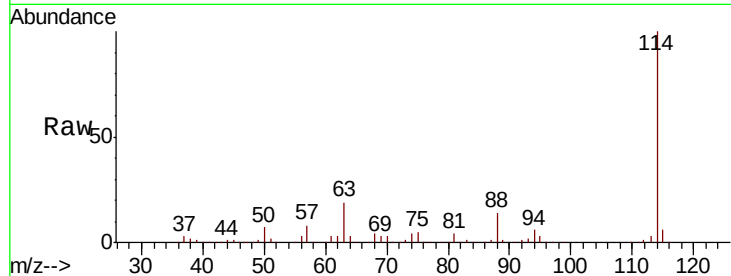




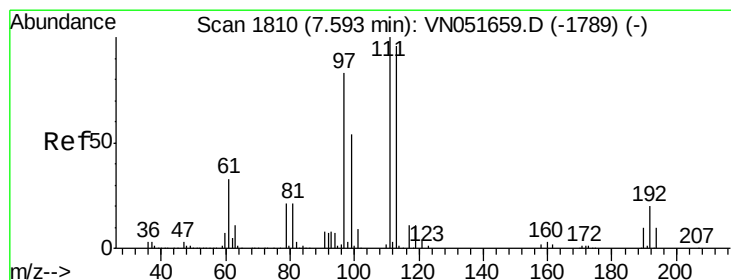
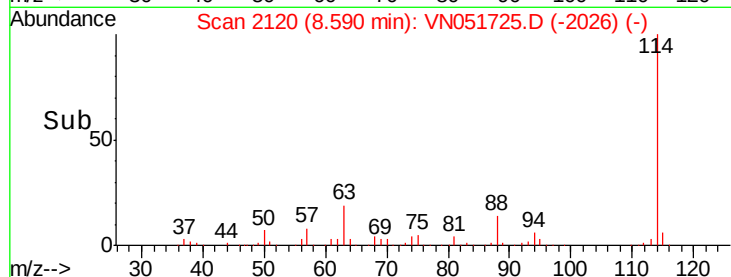
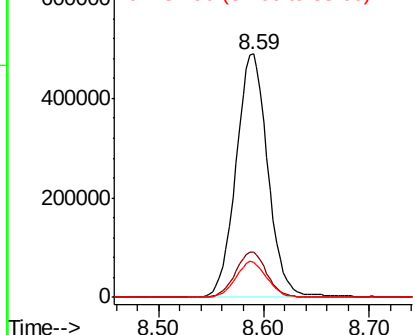
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051725.D
Acq: 8 Oct 2018 10:52

Instrument :
MSVOA_N
ClientSampleId :
PB113584TB

Tot Ion:114 Resp: 1022952
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.2
88 14.5 0.0 30.2

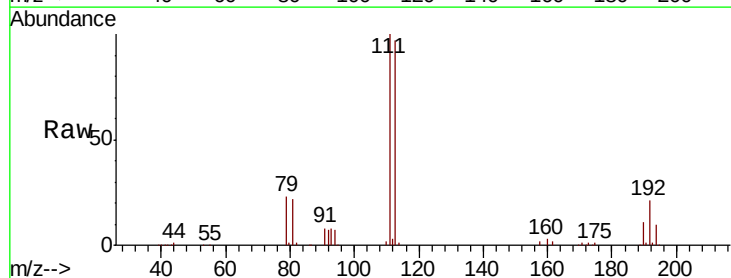


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VNO
Ion 87.90 (87.60 to 88.60): VNO

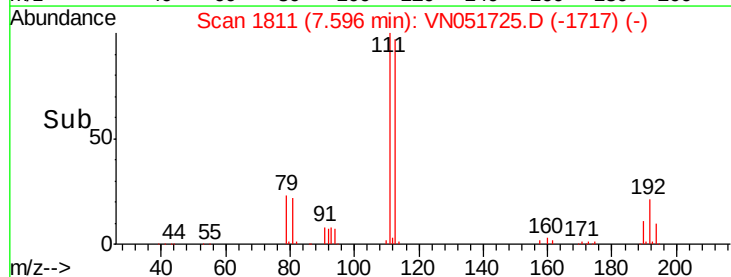
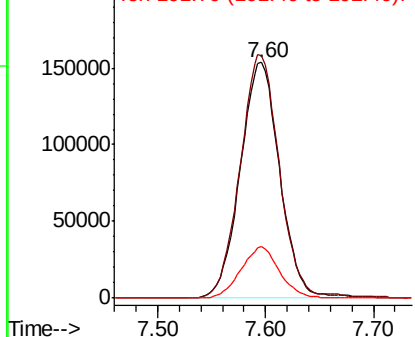


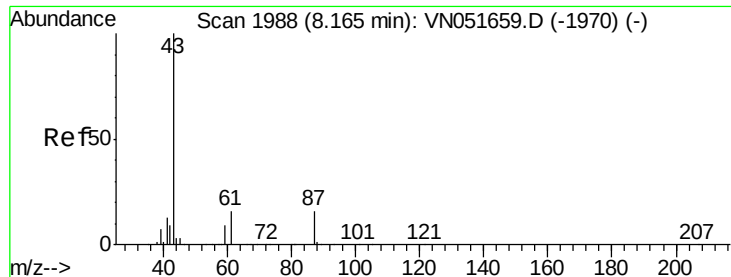
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VN051725.D
Acq: 8 Oct 2018 10:52

Tgt Ion:113 Resp: 389148
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 21.4 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: 24.652 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051725.D

Acq: 8 Oct 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

PB113584TB

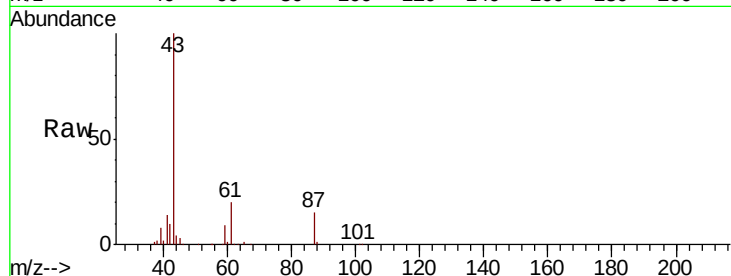
Tot Ion: 43 Resp: 286624

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.6

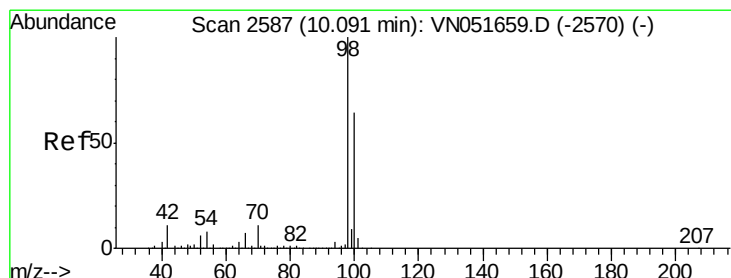
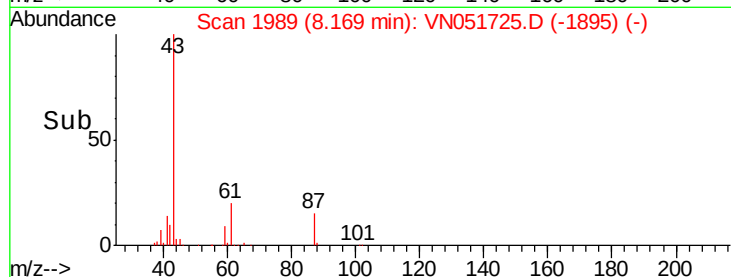
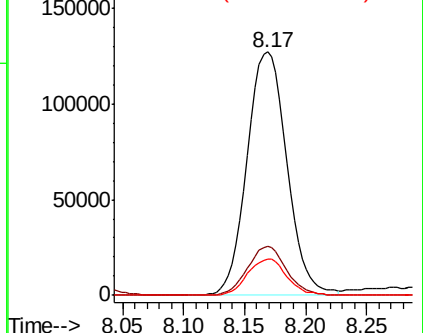
87 14.8 12.6 19.0



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) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051725.D

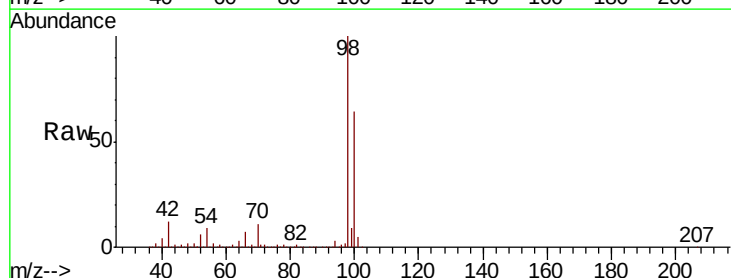
Acq: 8 Oct 2018 10:52

Tgt Ion: 98 Resp: 1464324

Ion Ratio Lower Upper

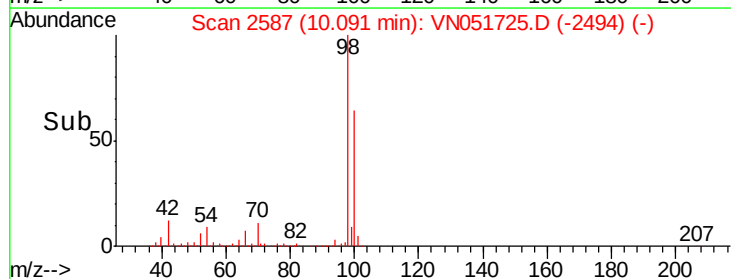
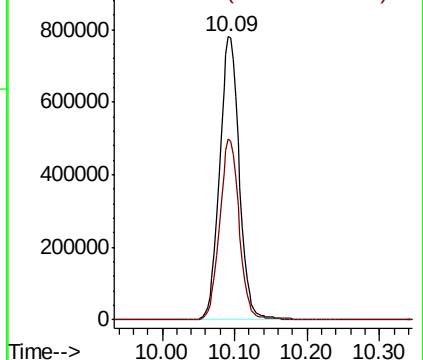
98 100

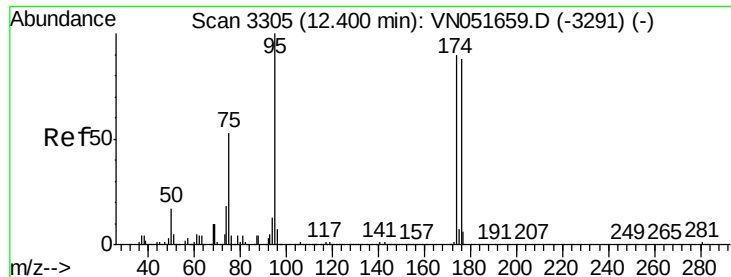
100 63.4 51.5 77.3



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

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





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051725.D

Acq: 8 Oct 2018 10:52

Instrument :

MSVOA_N

ClientSampled :

PB113584TB

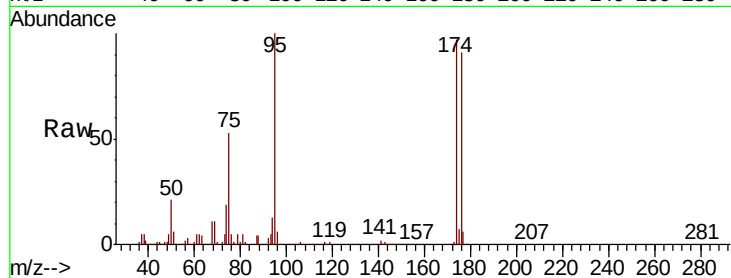
Tot Ion: 95 Resp: 412152

Ion Ratio Lower Upper

95 100

174 96.6 0.0 182.8

176 92.1 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)

12.40

250000

200000

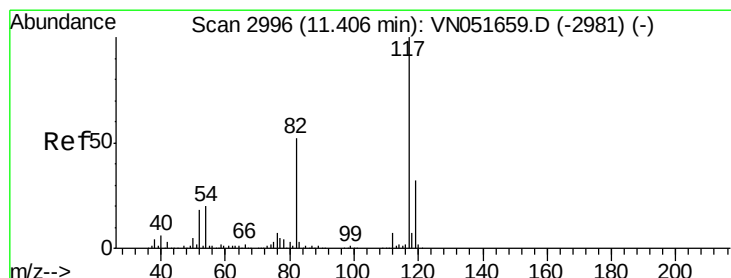
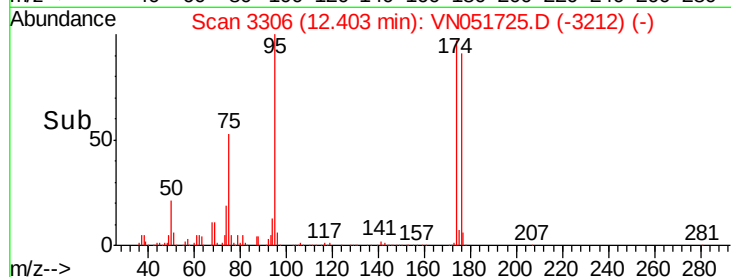
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051725.D

Acq: 8 Oct 2018 10:52

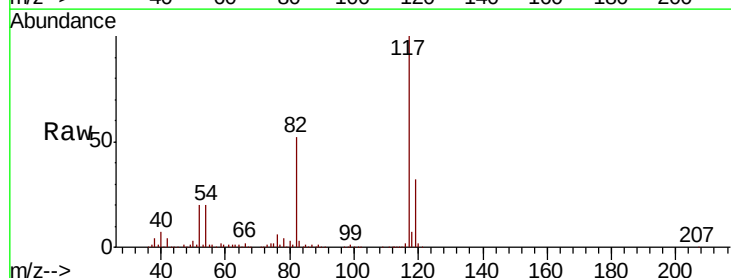
Tgt Ion: 117 Resp: 904004

Ion Ratio Lower Upper

117 100

82 51.8 41.3 61.9

119 32.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)

11.41

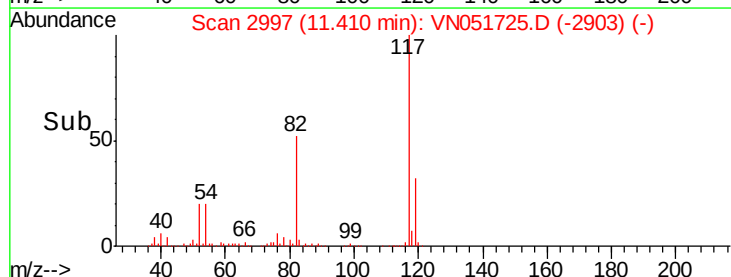
600000

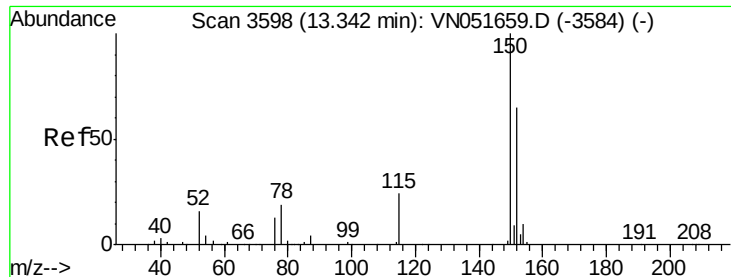
400000

200000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051725.D

Acq: 8 Oct 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

PB113584TB

Tot Ion:152 Resp: 335291

Ion Ratio Lower Upper

152 100

115 54.7 28.6 85.8

150 155.8 0.0 352.4

