

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051761.D
 Acq On : 9 Oct 2018 20:36
 Operator : MD\SY
 Sample : PB113645ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#01

Quant Time: Oct 10 04:31:31 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

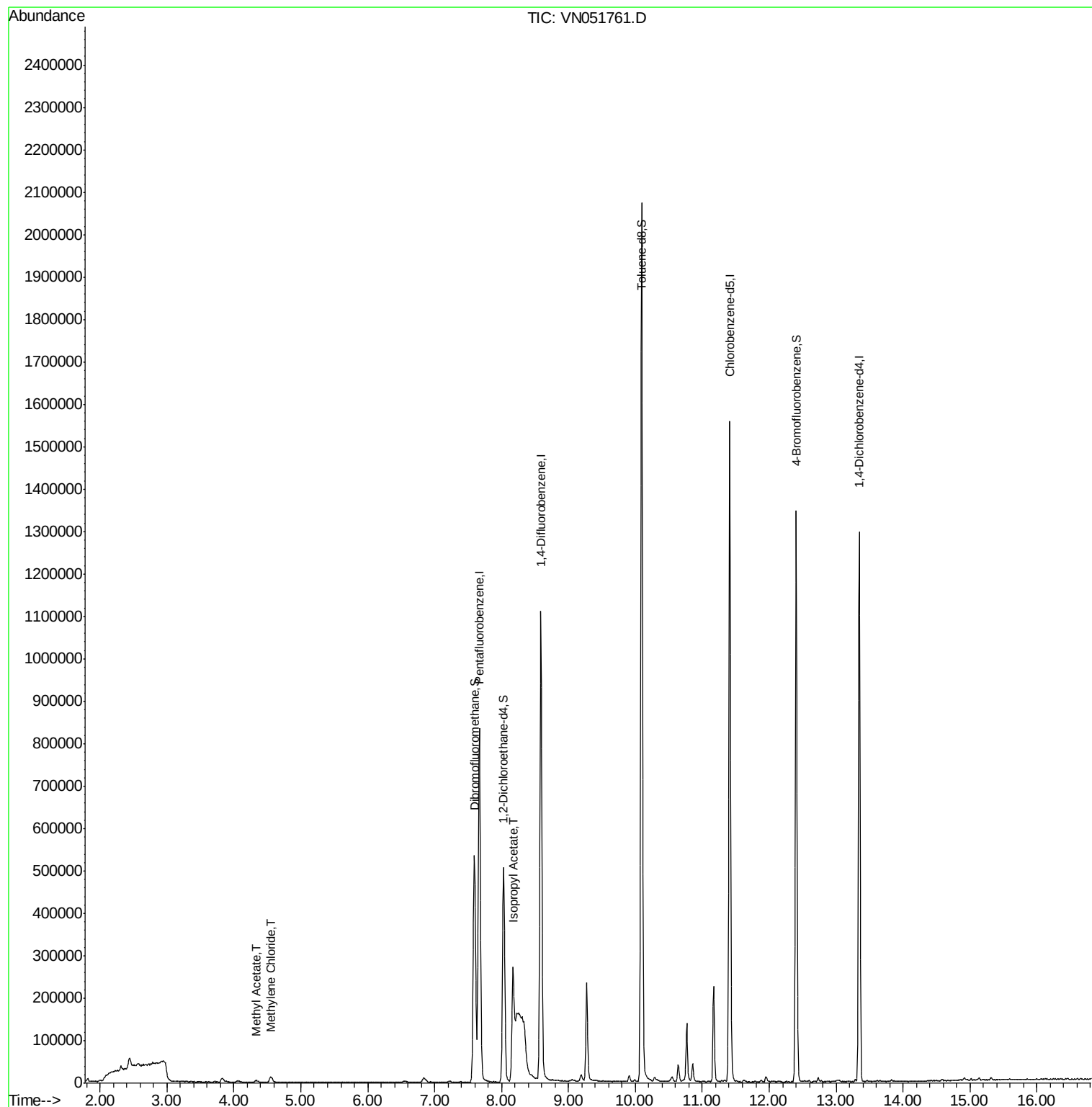
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	730384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1059337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	936159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	368317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	436419	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
35) Dibromofluoromethane	7.59	113	393681	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1526757	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	429696	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.46%	
Target Compounds						
18) Methyl Acetate	4.34	43	6533	1.227	ug/l #	89
20) Methylene Chloride	4.55	84	9607	1.210	ug/l	97
43) Isopropyl Acetate	8.17	43	353968	29.399	ug/l #	93

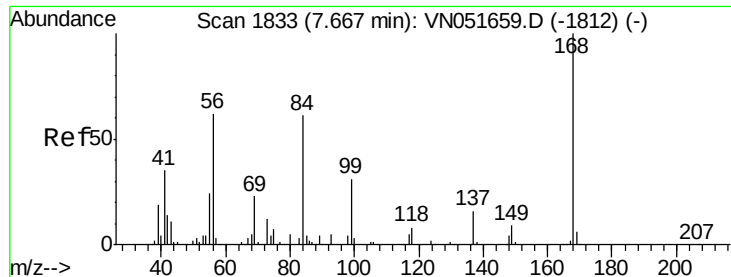
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

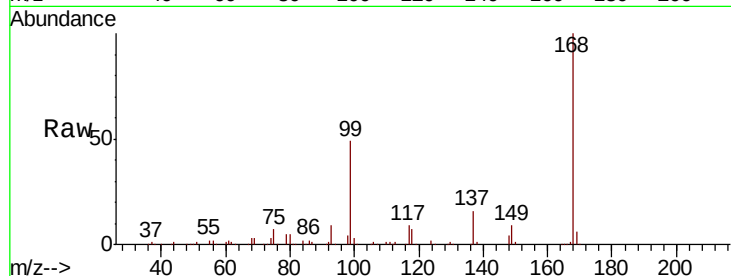
PB113645ZHE#01

Tot Ion:168 Resp: 730384

Ion Ratio Lower Upper

168 100

99 48.7 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

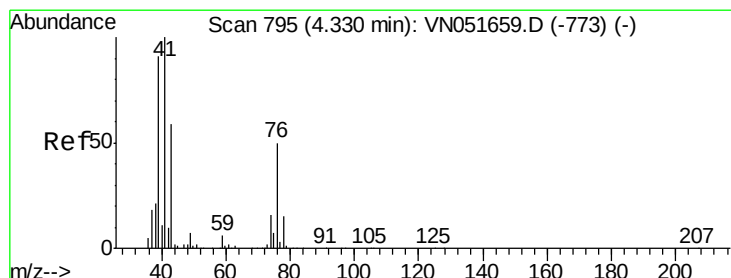
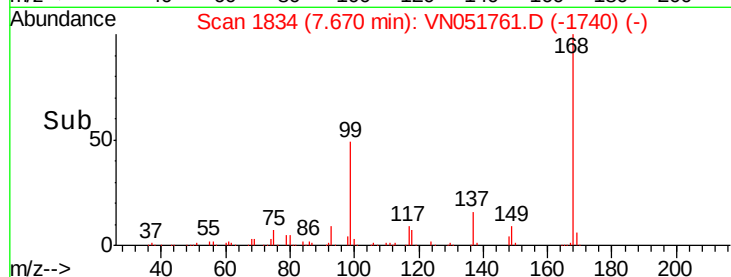
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 1.227 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051761.D

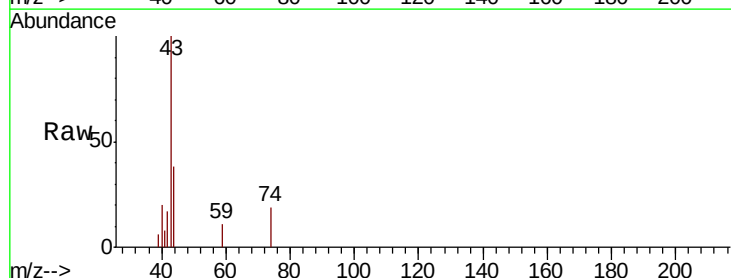
Acq: 9 Oct 2018 20:36

Tgt Ion: 43 Resp: 6533

Ion Ratio Lower Upper

43 100

74 21.4 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

3000

2500

2000

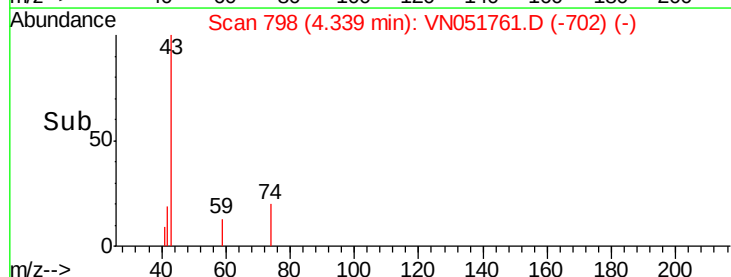
1500

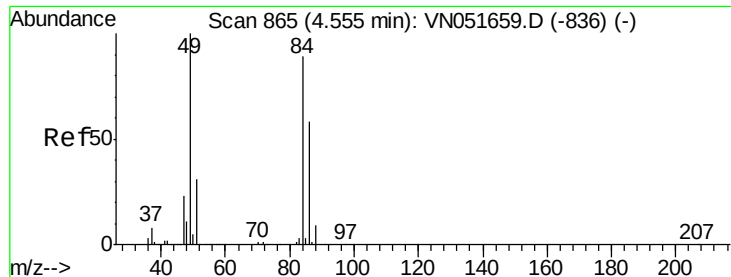
1000

500

0

Time-->

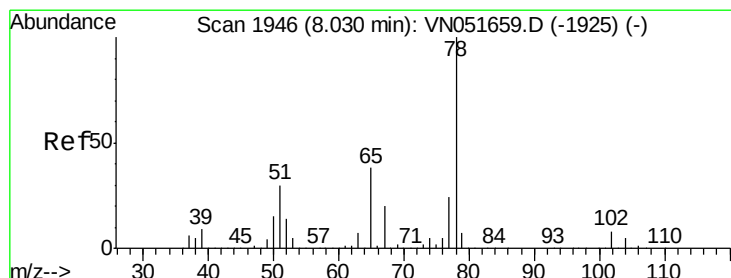
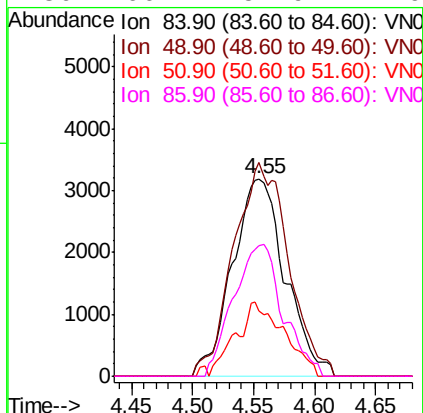
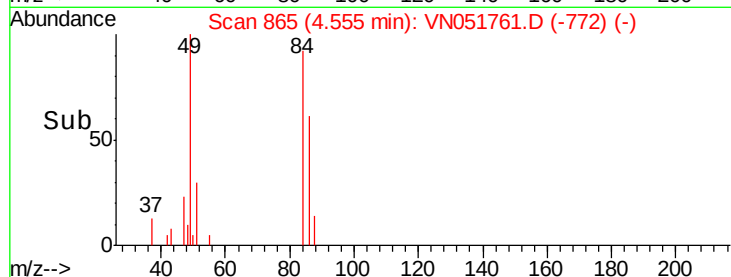
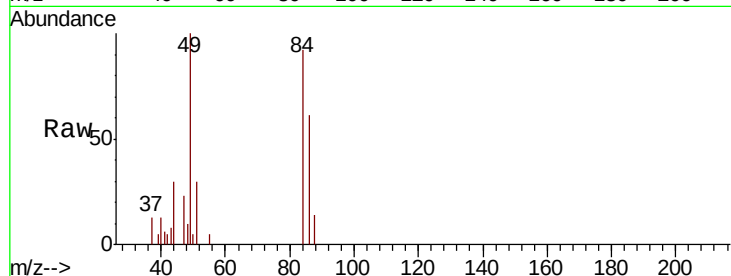




#20
Methvlene Chloride
Concen: 1.210 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

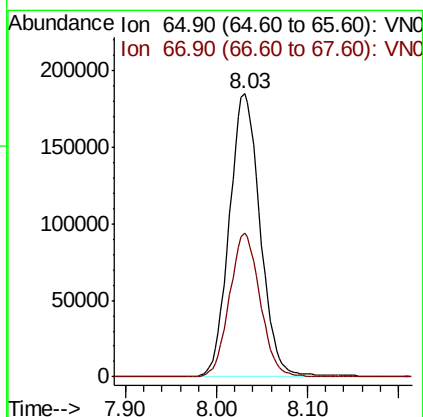
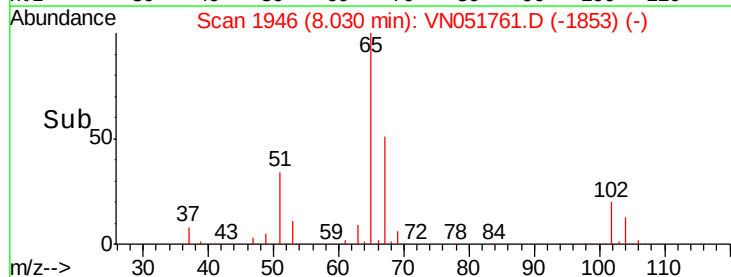
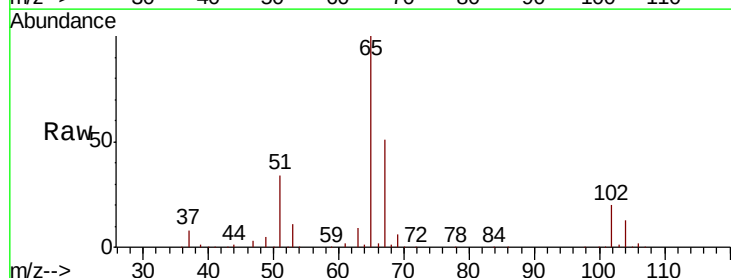
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

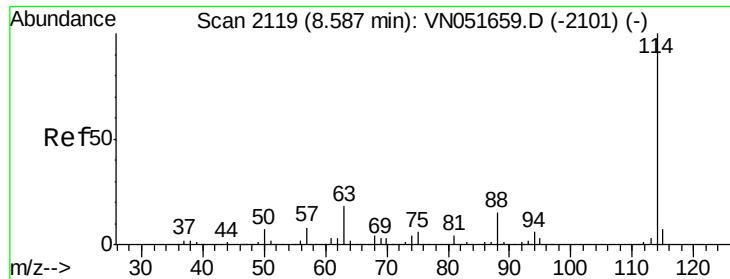
Tot Ion: 84 Resp: 9607
Ion Ratio Lower Upper
84 100
49 108.2 89.5 134.3
51 32.8 27.4 41.0
86 66.1 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion: 65 Resp: 436419
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.6

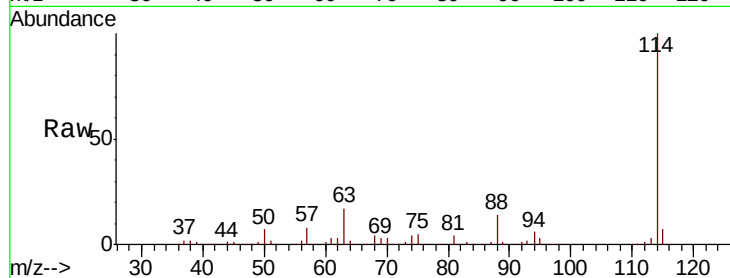




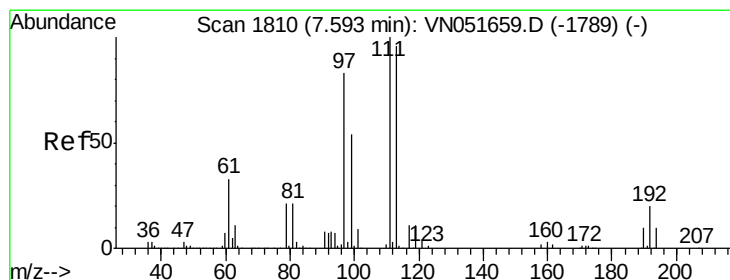
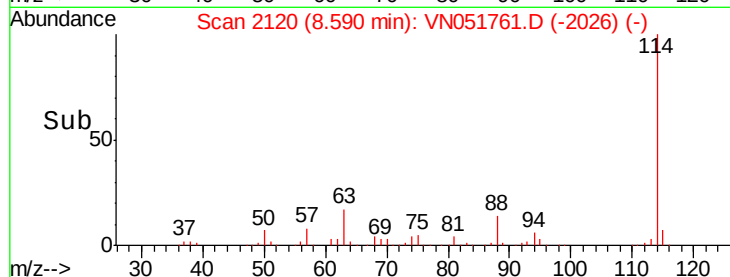
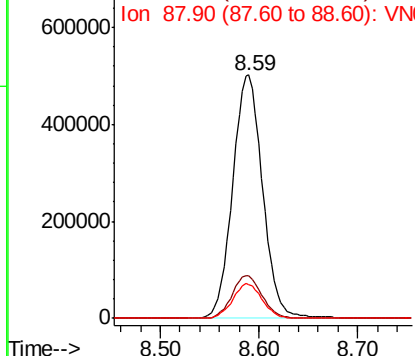
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

Tot Ion:114 Resp: 1059337
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.2
88 14.0 0.0 30.2

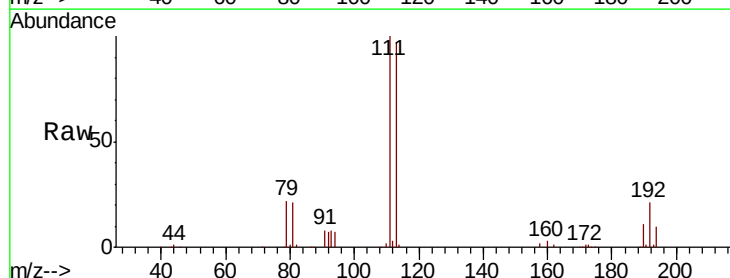


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

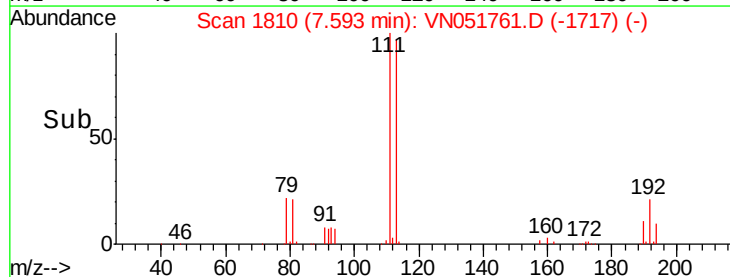
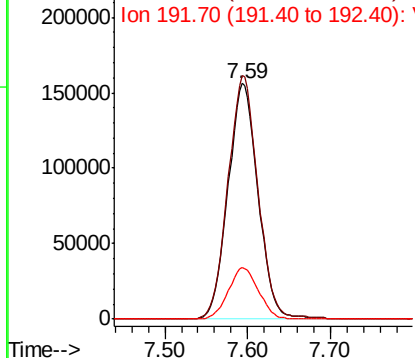


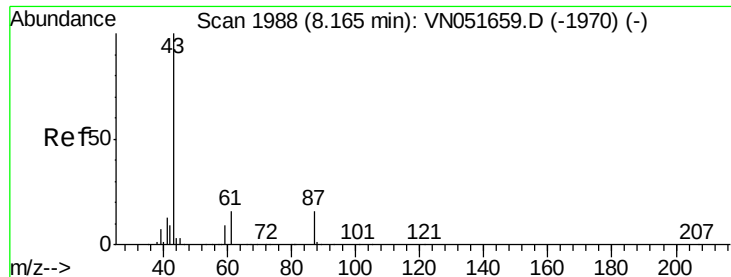
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion:113 Resp: 393681
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.9 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: 29.399 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

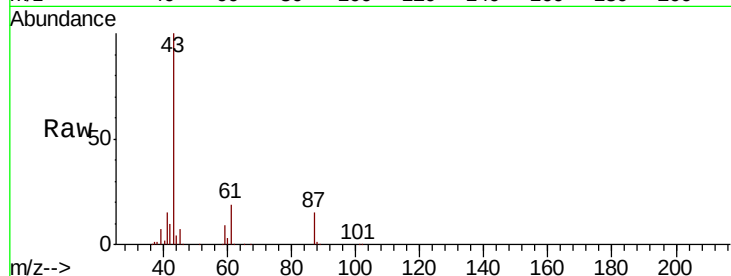
Tot Ion: 43 Resp: 353968

Ion Ratio Lower Upper

43 100

61 17.0 15.8 23.6

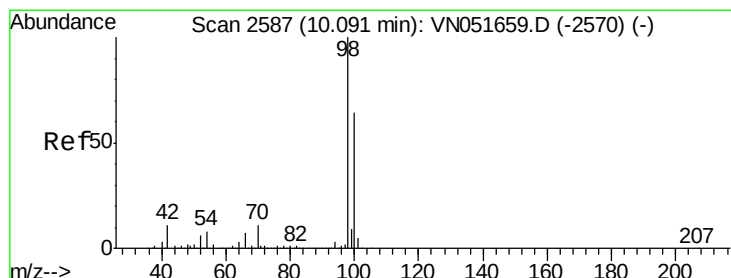
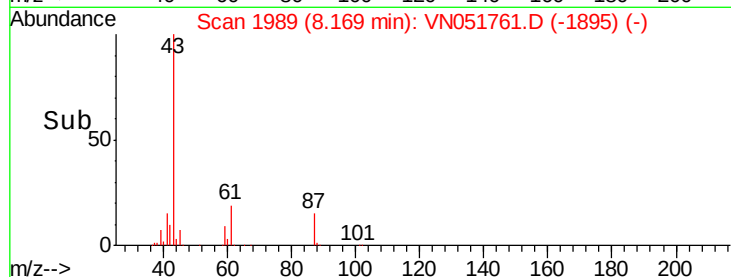
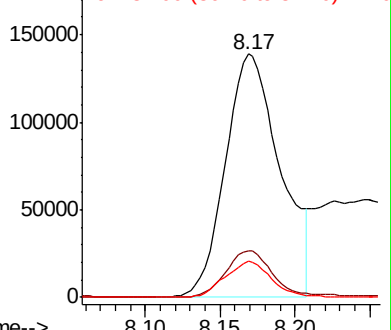
87 12.6 12.6 19.0#



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: VN051761.D

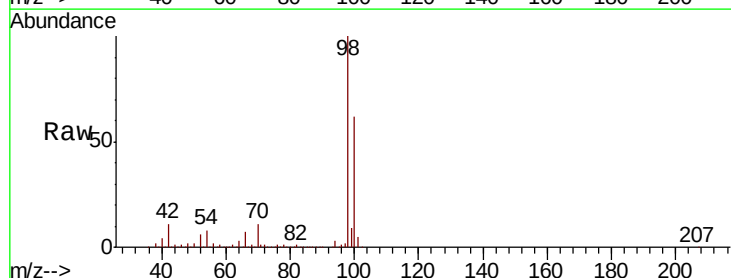
Acq: 9 Oct 2018 20:36

Tgt Ion: 98 Resp: 1526757

Ion Ratio Lower Upper

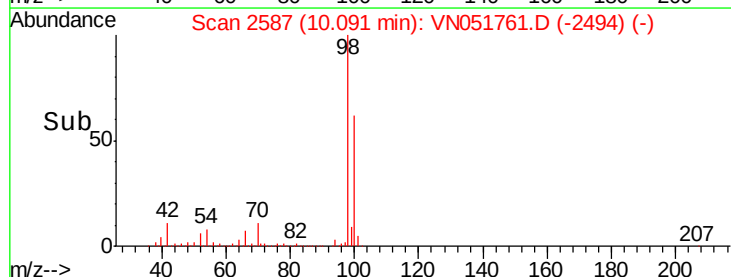
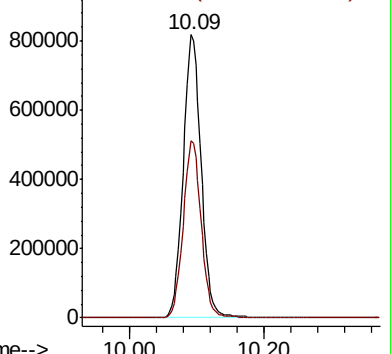
98 100

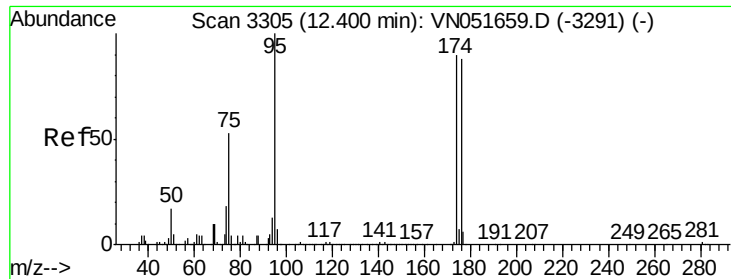
100 62.6 51.5 77.3



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: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

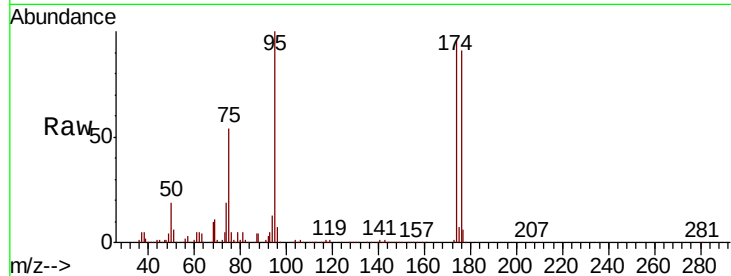
Tot Ion: 95 Resp: 429696

Ion Ratio Lower Upper

95 100

174 96.3 0.0 182.8

176 93.1 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051761.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN051761.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN051761.D (-2903) (-)

12.40

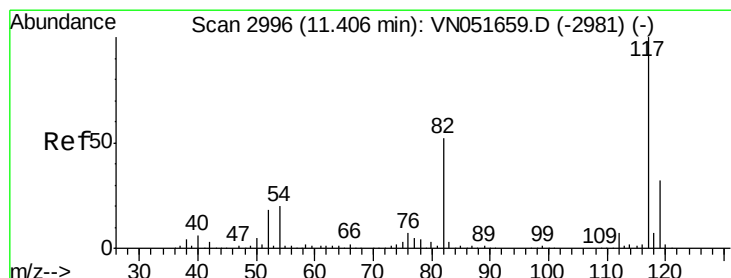
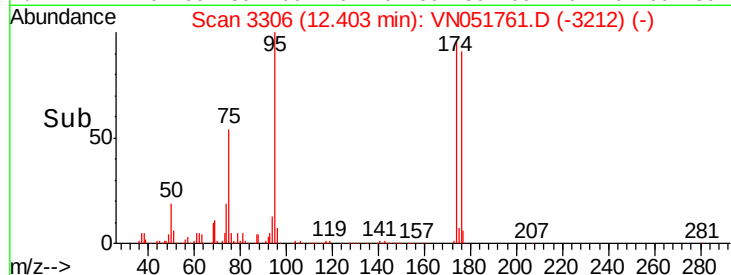
300000

200000

100000

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: VN051761.D

Acq: 9 Oct 2018 20:36

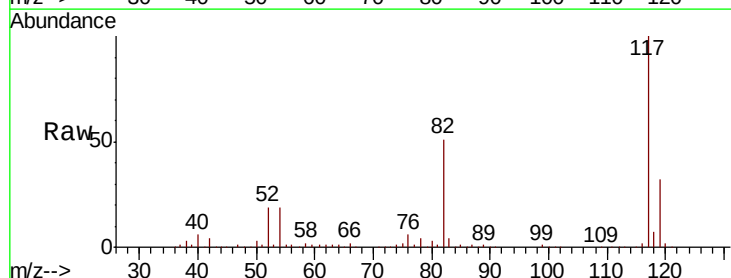
Tgt Ion: 117 Resp: 936159

Ion Ratio Lower Upper

117 100

82 51.5 41.3 61.9

119 32.3 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051761.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051761.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051761.D (-2903) (-)

11.41

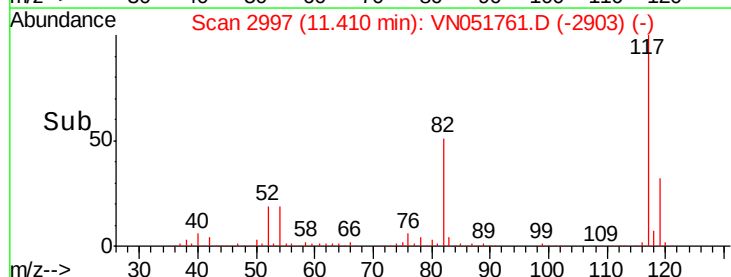
600000

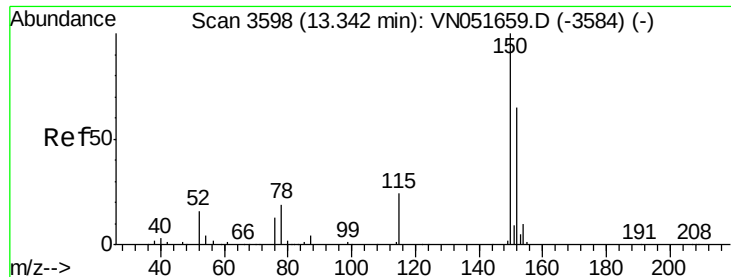
400000

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: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

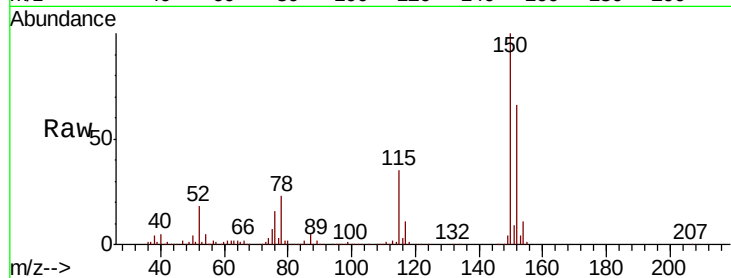
Tot Ion:152 Resp: 368317

Ion Ratio Lower Upper

152 100

115 54.3 28.6 85.8

150 154.5 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

