

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051768.D
 Acq On : 9 Oct 2018 23:29
 Operator : MD\SY
 Sample : PB113645ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#08

Quant Time: Oct 10 04:48:36 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

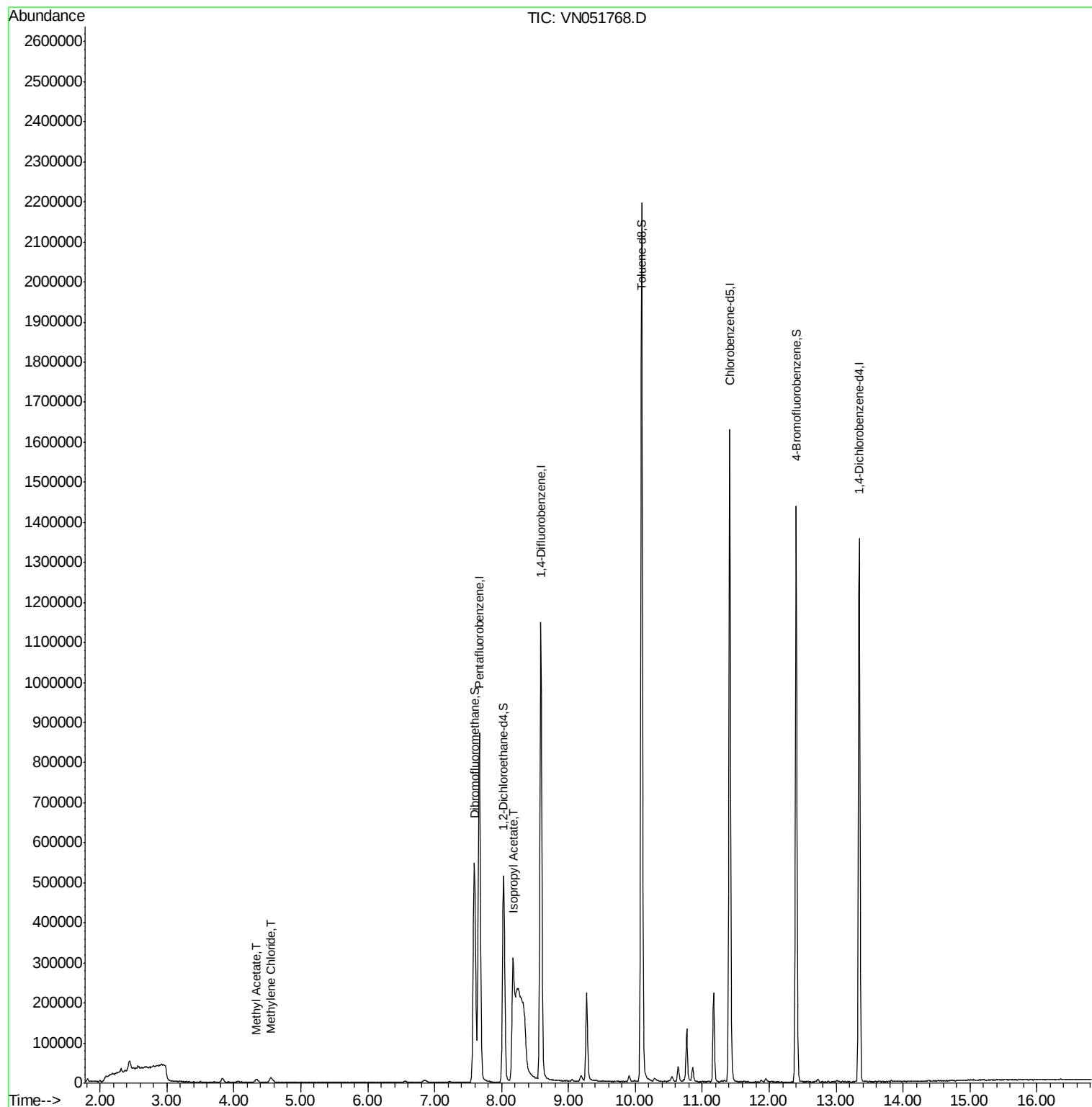
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	762441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1103421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	992546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	378264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444337	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
35) Dibromofluoromethane	7.59	113	408010	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1581757	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.40	95	452549	40.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.34%	
Target Compounds						
18) Methyl Acetate	4.34	43	15619	2.809	ug/l #	61
20) Methylene Chloride	4.56	84	8886	1.072	ug/l #	90
43) Isopropyl Acetate	8.17	43	389535	31.060	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# 1833

Delta R.T. 0.00 min

Lab File: VN051768.D

Acq: 9 Oct 2018 23:29

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MSVOA_N

ClientSampleId :

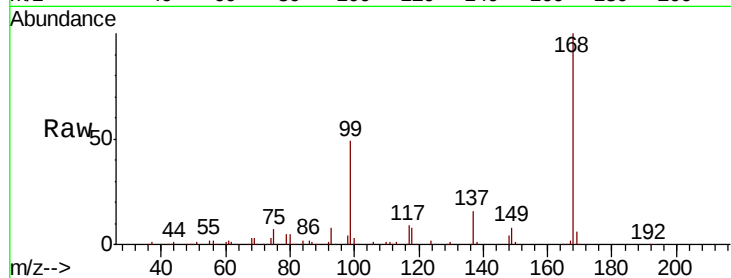
PB113645ZHE#08

Tot Ion:168 Resp: 762441

Ion Ratio Lower Upper

168 100

99 49.3 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

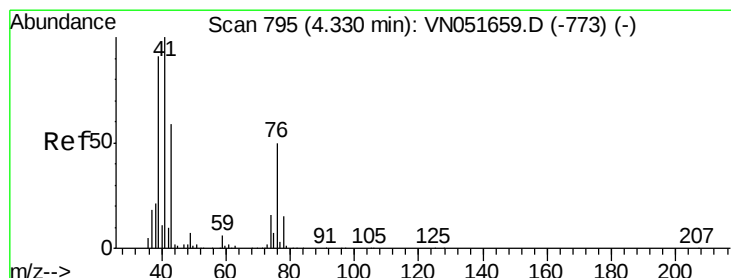
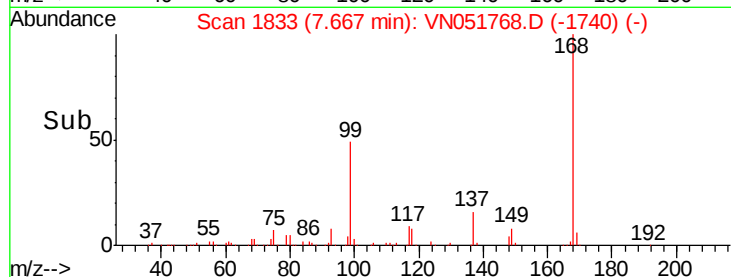
200000

100000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 2.809 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051768.D

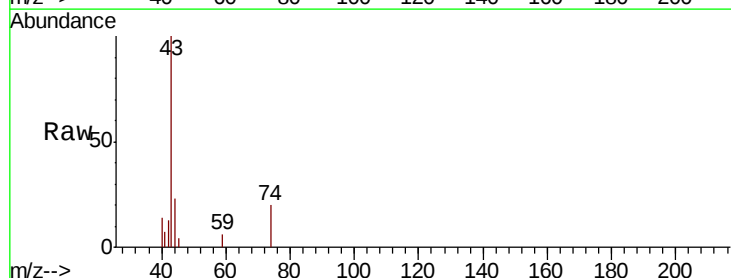
Acq: 9 Oct 2018 23:29

Tgt Ion: 43 Resp: 15619

Ion Ratio Lower Upper

43 100

74 6.5 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

6000

5000

4000

3000

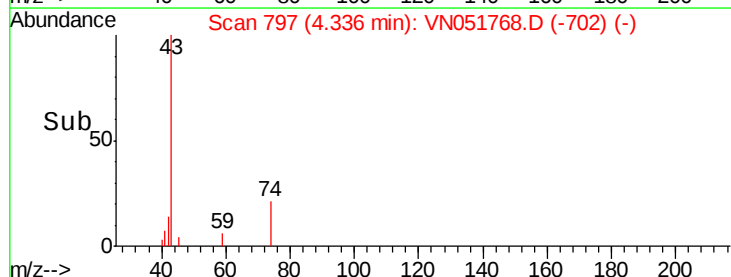
2000

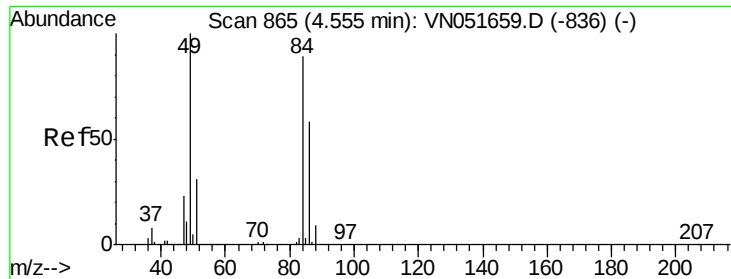
1000

0

4.25 4.30 4.35 4.40

Time-->

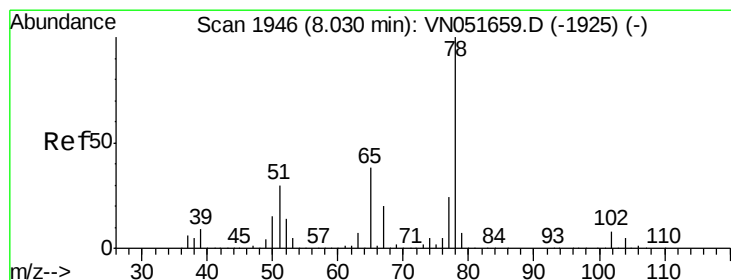
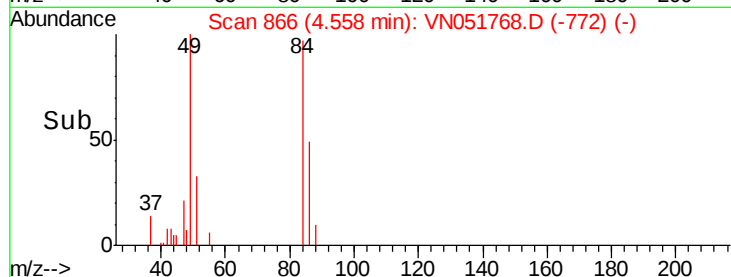
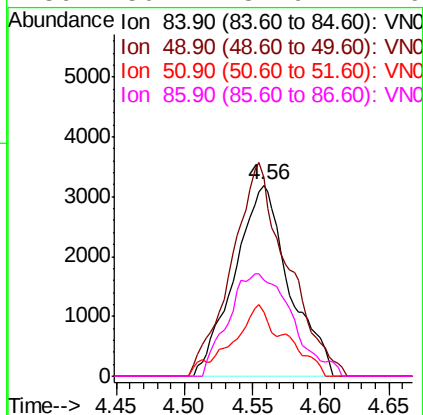
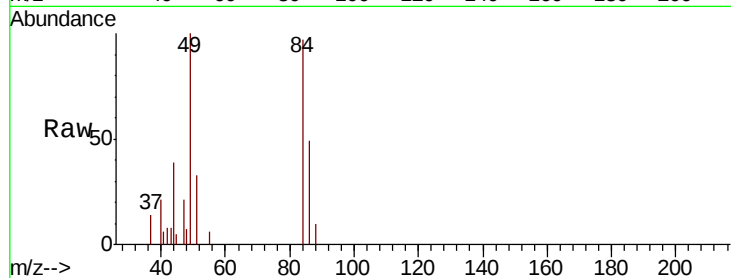




#20
Methvlene Chloride
Concen: 1.072 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051768.D
Acq: 9 Oct 2018 23:29

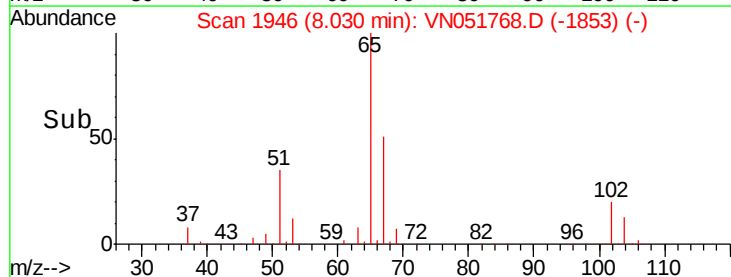
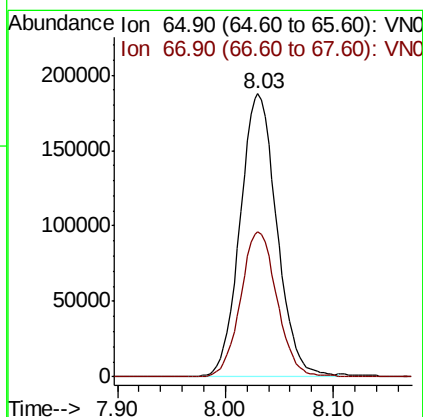
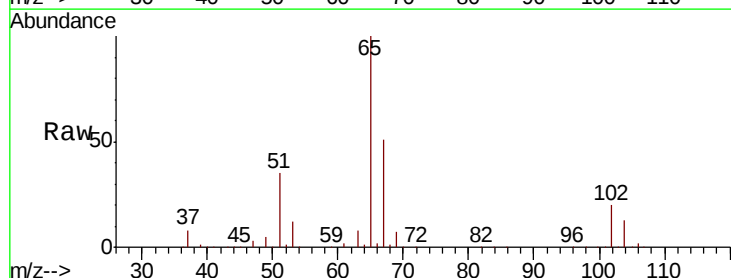
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#08

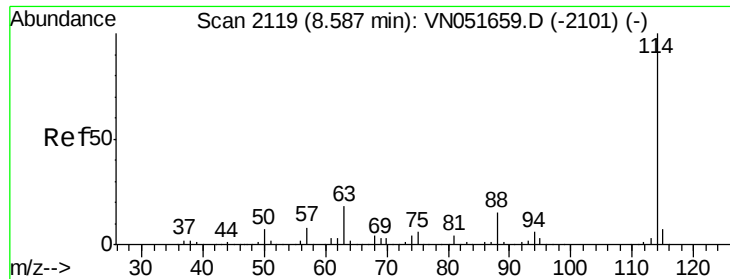
Tot Ion: 84 Resp: 8886
Ion Ratio Lower Upper
84 100
49 103.5 89.5 134.3
51 33.8 27.4 41.0
86 50.2 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051768.D
Acq: 9 Oct 2018 23:29

Tgt Ion: 65 Resp: 444337
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.6

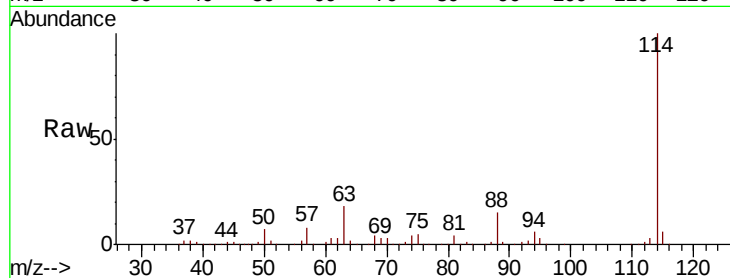




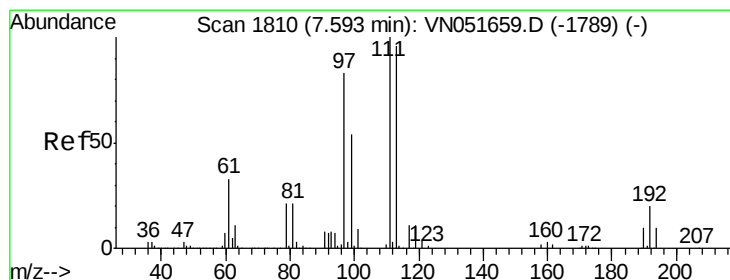
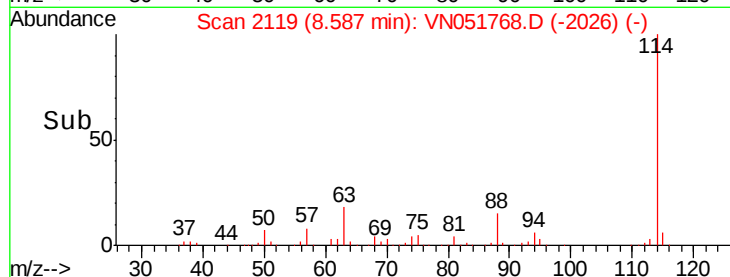
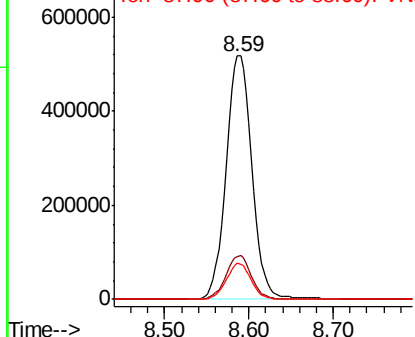
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051768.D
Acq: 9 Oct 2018 23:29

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#08

Tot Ion:114 Resp: 1103421
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.2
88 14.7 0.0 30.2

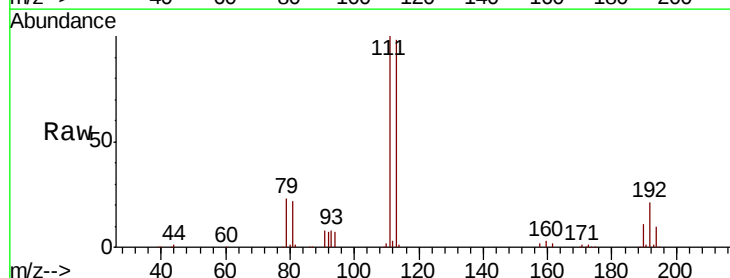


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

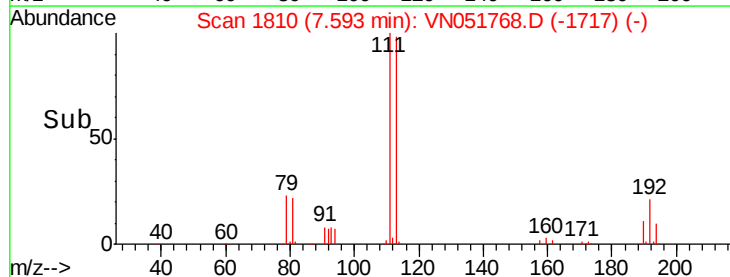
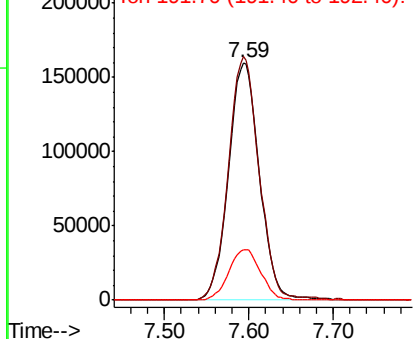


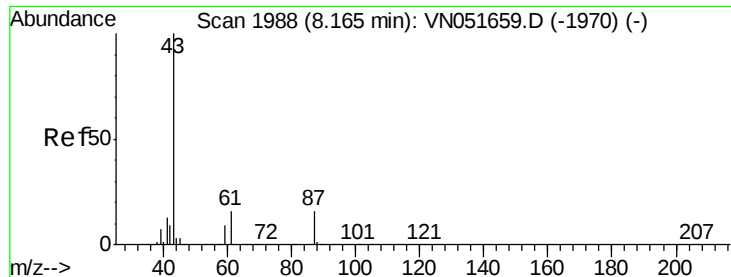
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051768.D
Acq: 9 Oct 2018 23:29

Tgt Ion:113 Resp: 408010
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 21.8 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: 31.060 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051768.D

Acq: 9 Oct 2018 23:29

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#08

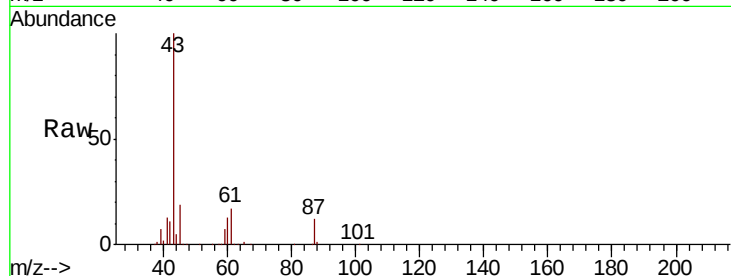
Tot Ion: 43 Resp: 389535

Ion Ratio Lower Upper

43 100

61 15.1 15.8 23.6#

87 11.2 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

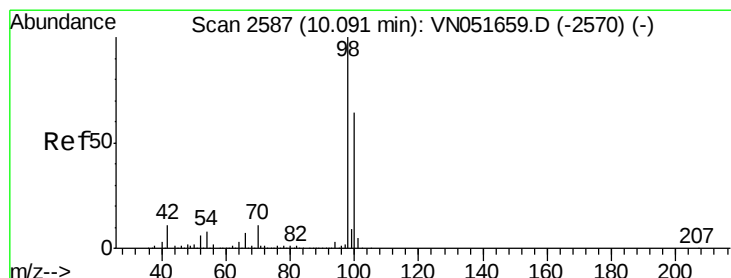
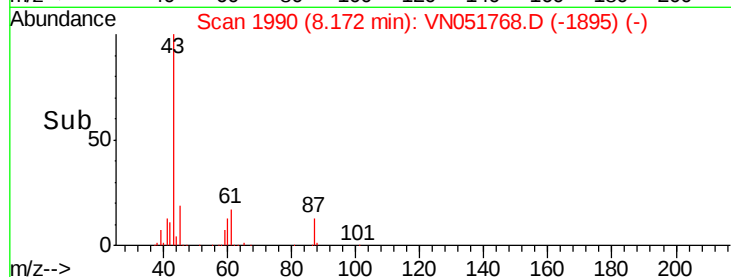
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051768.D

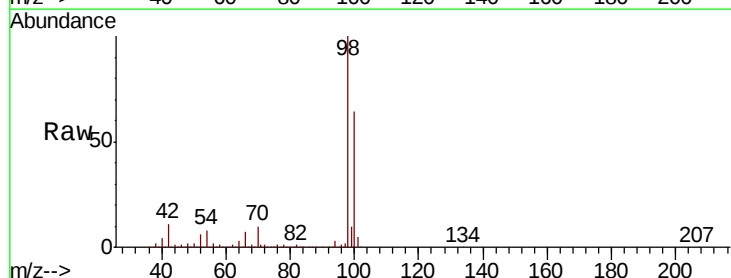
Acq: 9 Oct 2018 23:29

Tgt Ion: 98 Resp: 1581757

Ion Ratio Lower Upper

98 100

100 63.5 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) (-)

1000000

800000

600000

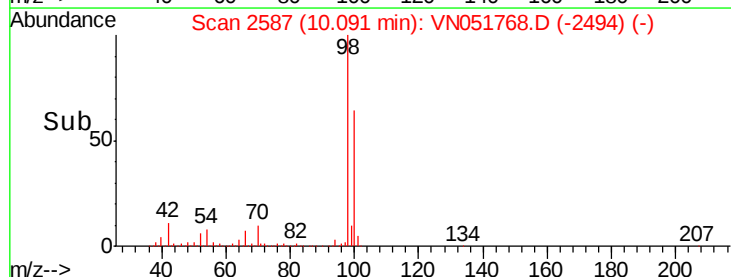
400000

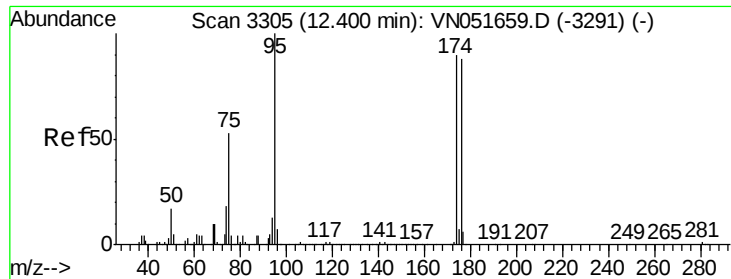
200000

0

10.00 10.10 10.20 10.30

Time-->

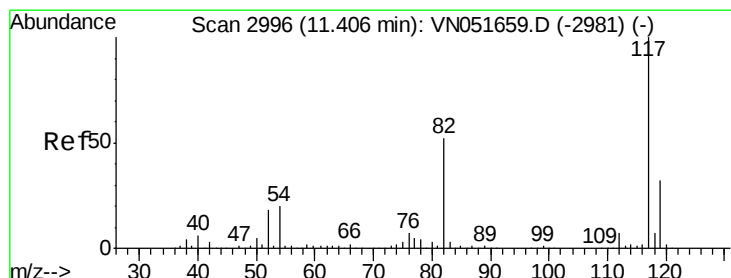
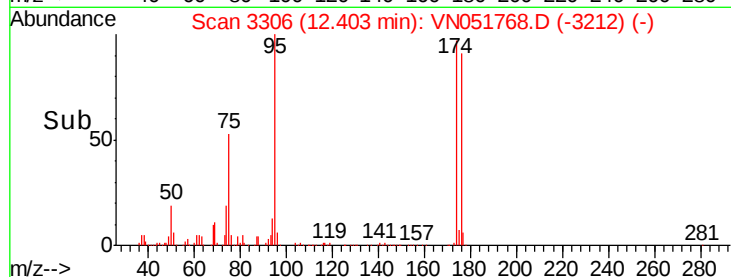
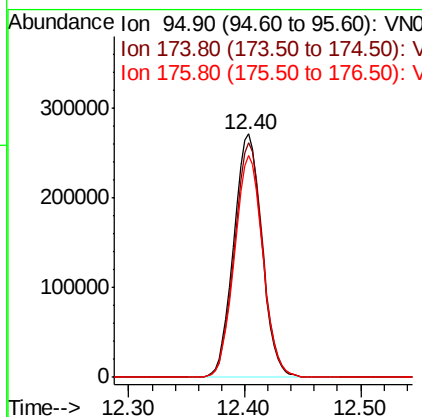
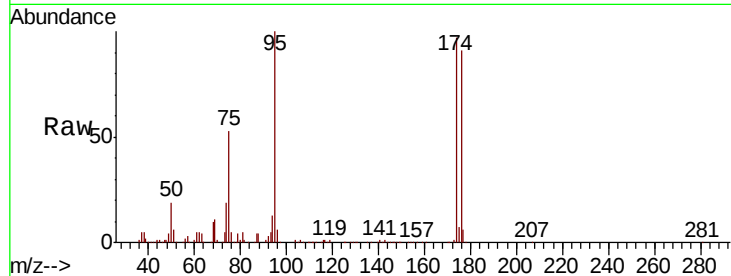




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051768.D
Acq: 9 Oct 2018 23:29

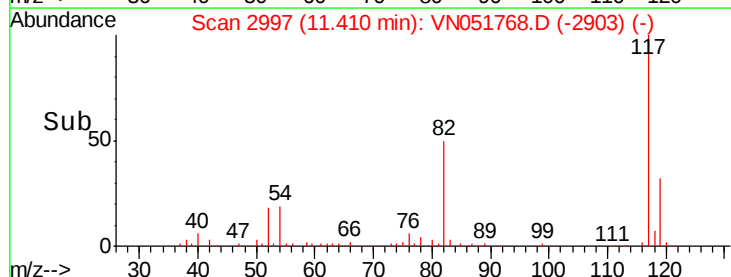
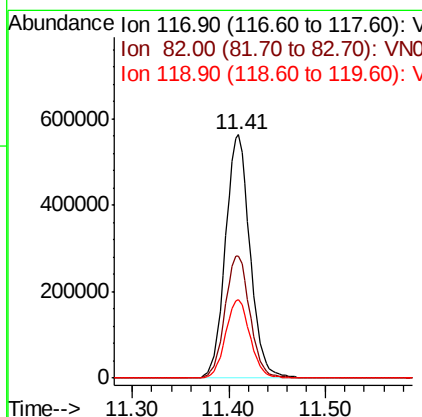
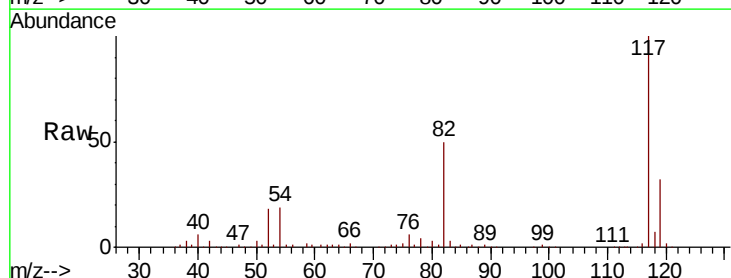
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#08

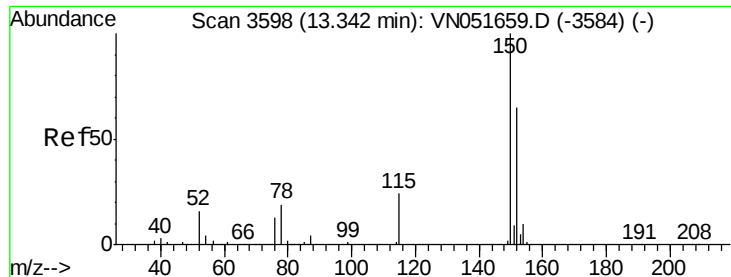
Tot Ion: 95 Resp: 452549
Ion Ratio Lower Upper
95 100
174 97.2 0.0 182.8
176 91.7 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051768.D
Acq: 9 Oct 2018 23:29

Tgt Ion: 117 Resp: 992546
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 32.4 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: VN051768.D

Acq: 9 Oct 2018 23:29

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#08

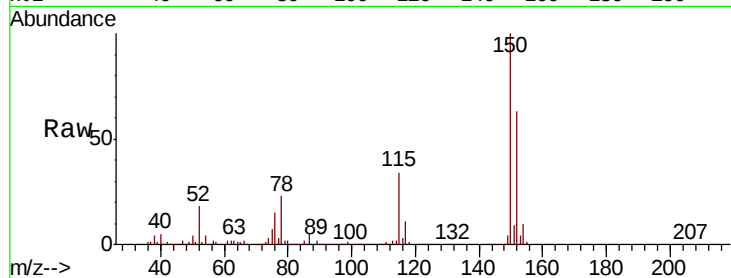
Tot Ion:152 Resp: 378264

Ion Ratio Lower Upper

152 100

115 55.9 28.6 85.8

150 159.9 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

