

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050884.D
 Acq On : 24 Aug 2018 18:10
 Operator : MD\SY
 Sample : J4653-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

Quant Time: Aug 25 00:00:42 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	604495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237666	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	399490	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
35) Dibromofluoromethane	7.59	113	378378	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.09	98	1332029	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.40	95	325667	33.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.44%	

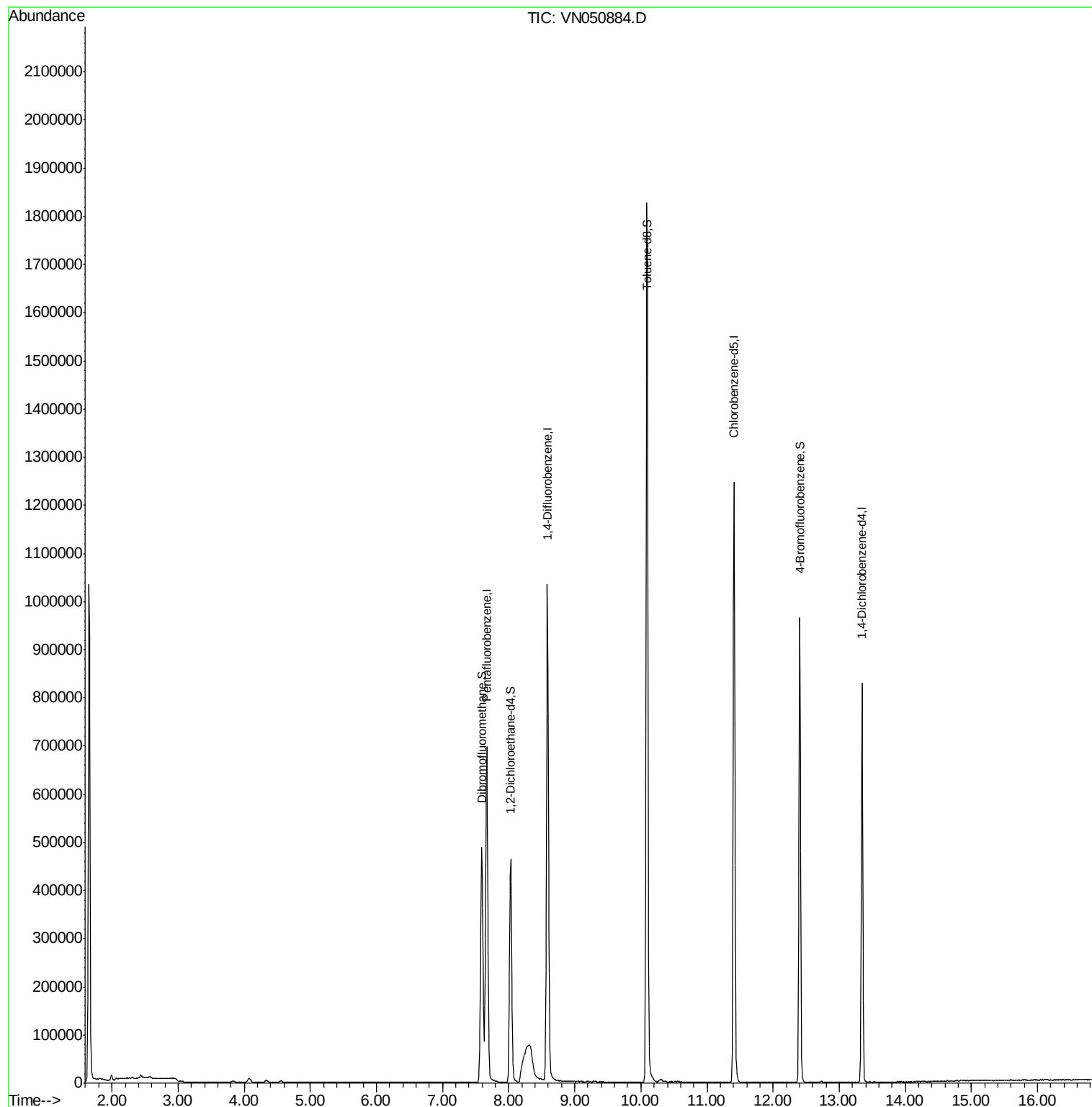
Target Compounds	Qvalue
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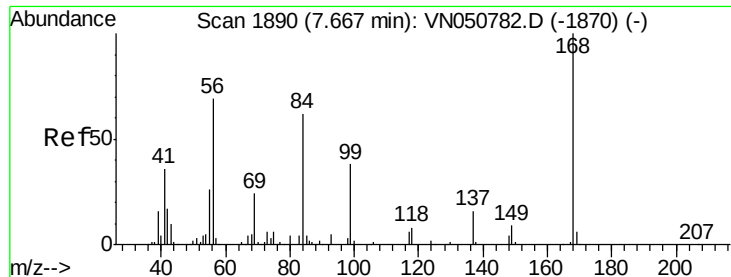
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

Instrument :

MSVOA_N

ClientSampleId :

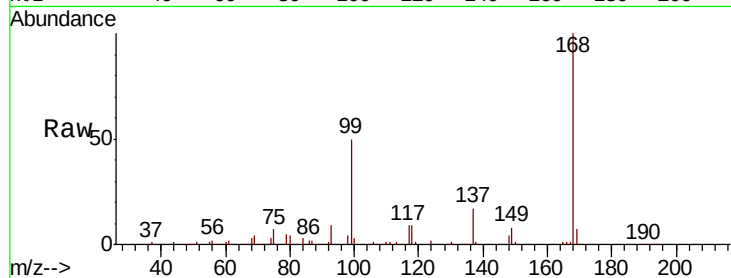
STORAGEBLANK-WATERREF-4

Tgt Ion:168 Resp: 604495

Ion Ratio Lower Upper

168 100

99 50.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

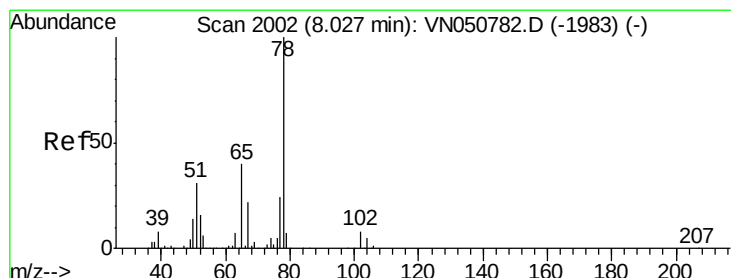
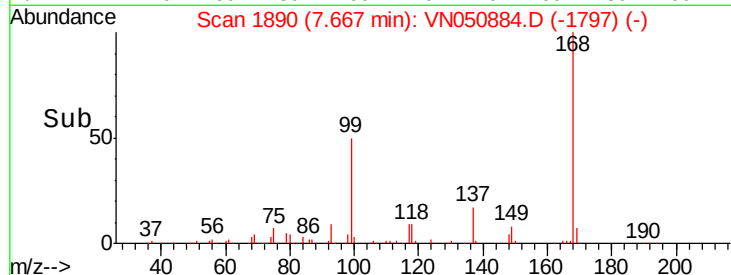
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.895 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050884.D

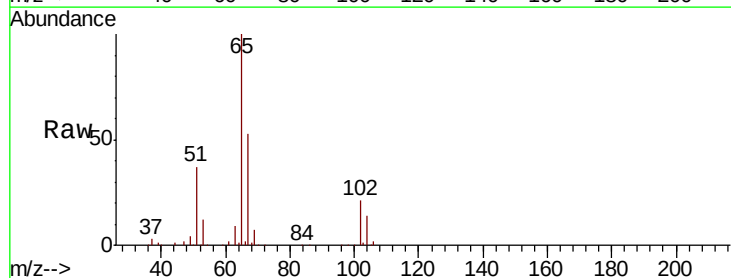
Acq: 24 Aug 2018 18:10

Tgt Ion: 65 Resp: 399490

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050782.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050782.D (-1983) (-)

8.03

200000

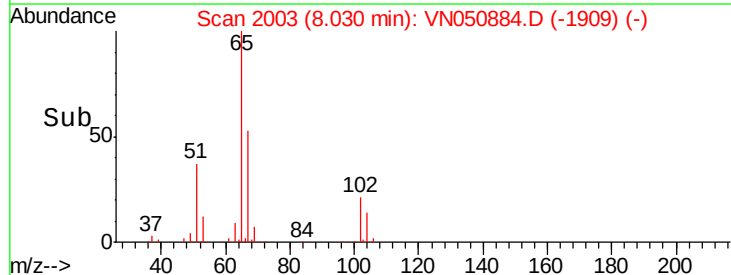
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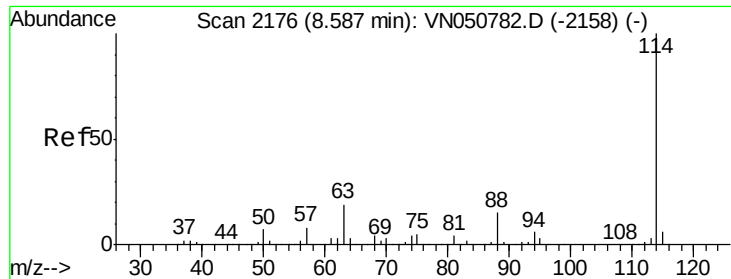
100000

50000

0

Time-->

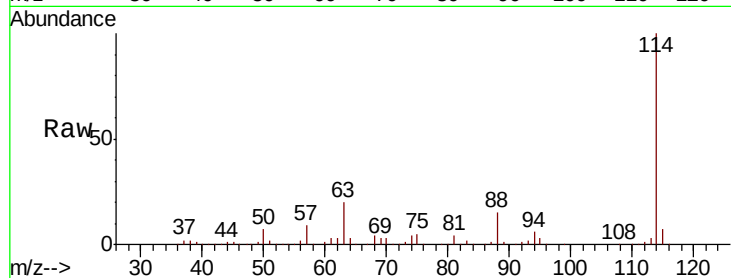




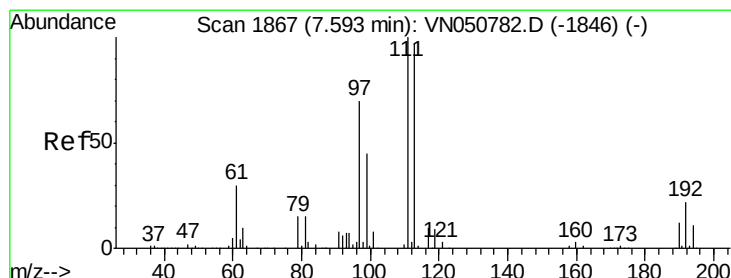
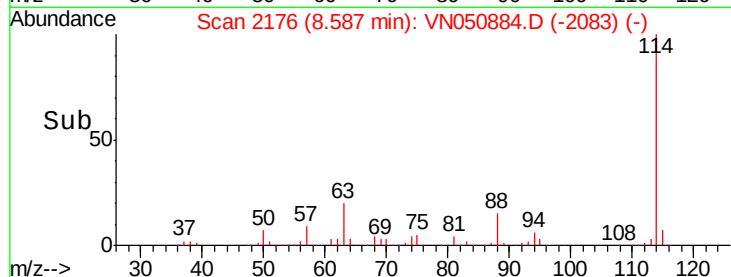
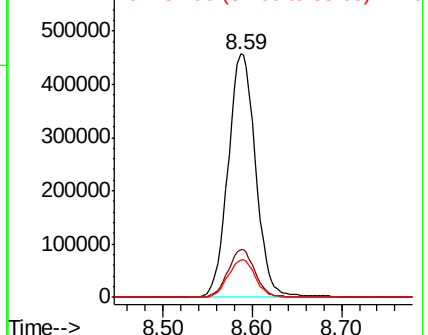
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050884.D
 Acq: 24 Aug 2018 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

Tgt Ion:114 Resp: 977267
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.4 0.0 30.6

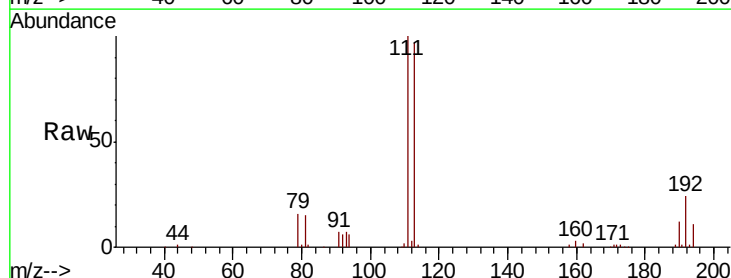


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

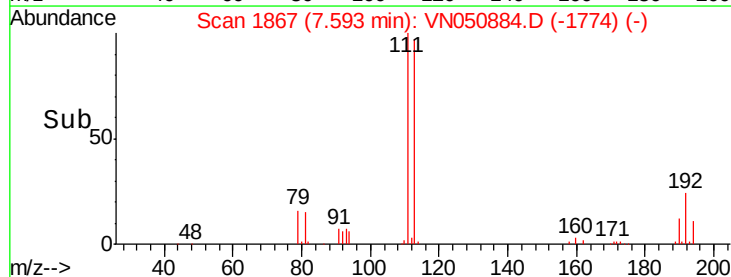
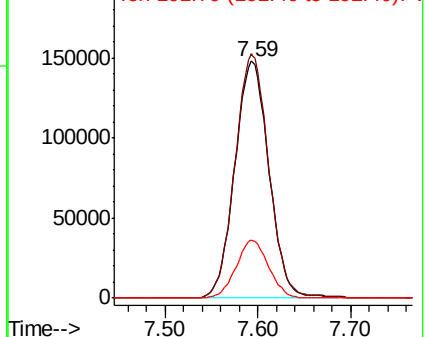


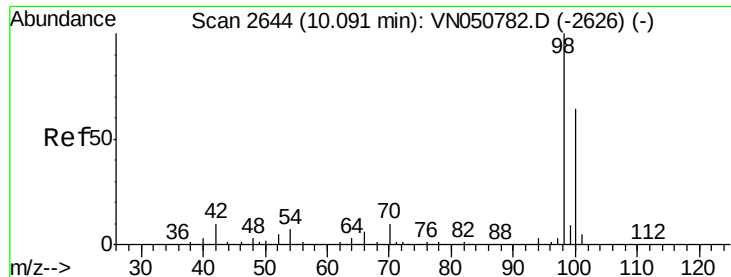
#35
 Dibromofluoromethane
 Concen: 48.668 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050884.D
 Acq: 24 Aug 2018 18:10

Tgt Ion:113 Resp: 378378
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 23.4 18.0 27.0



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

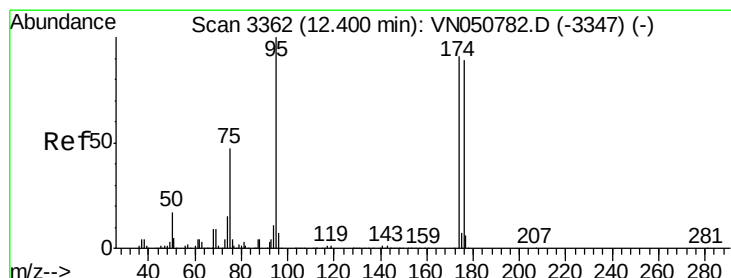
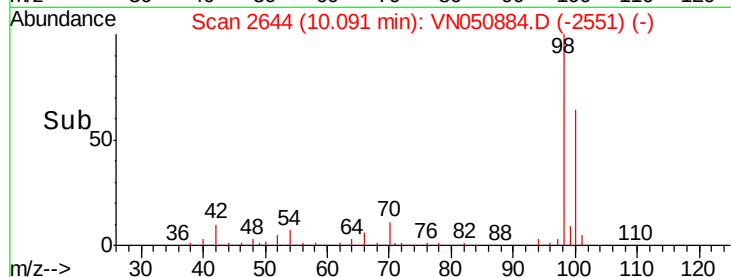
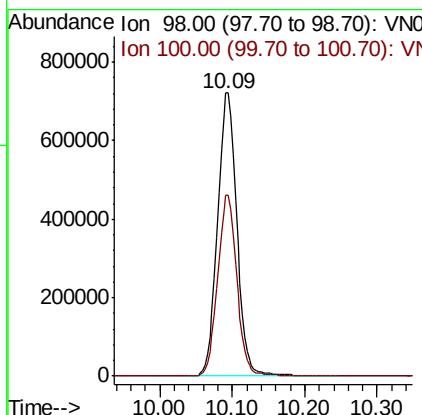
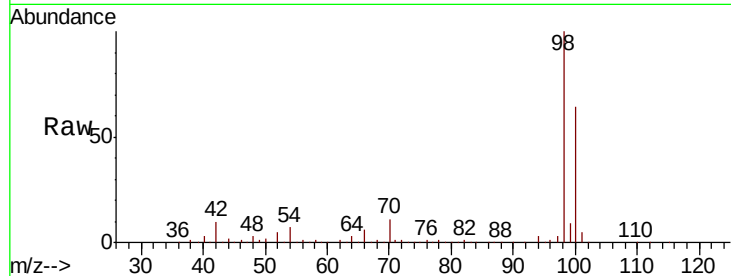




#50
Toluene-d8
Concen: 45.825 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

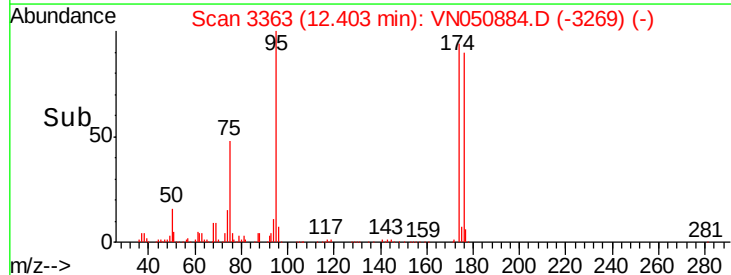
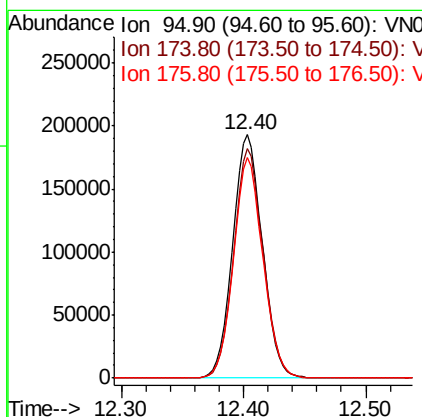
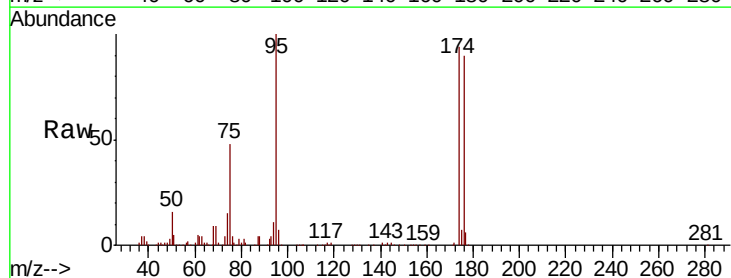
Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

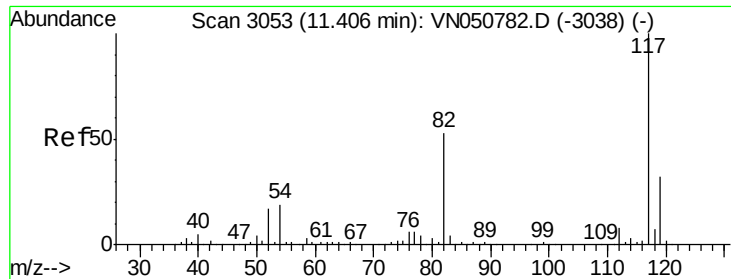
Tgt Ion: 98 Resp: 1332029
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 33.716 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

Tgt Ion: 95 Resp: 325667
Ion Ratio Lower Upper
95 100
174 93.4 0.0 183.0
176 89.6 0.0 178.8

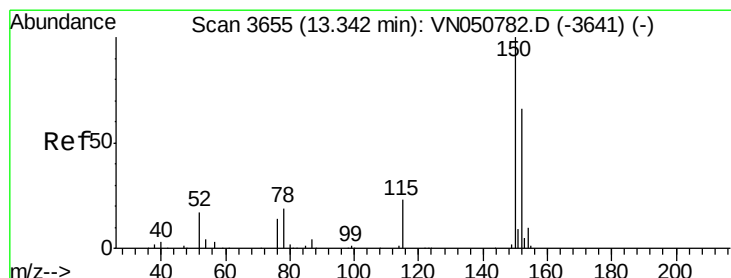
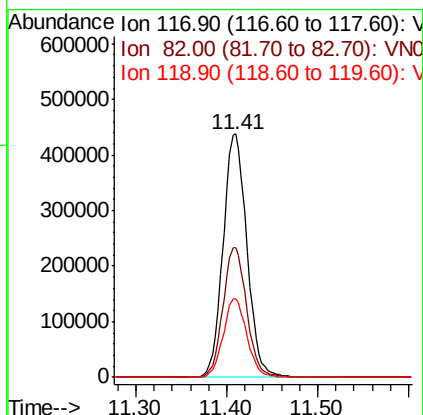
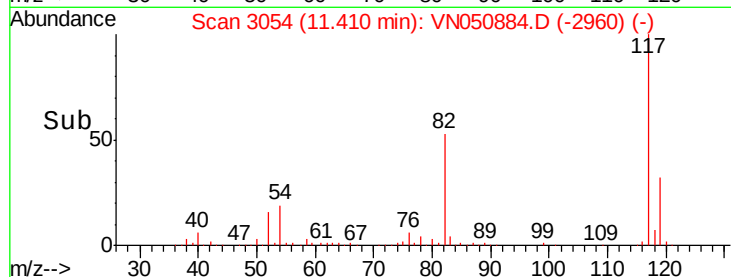
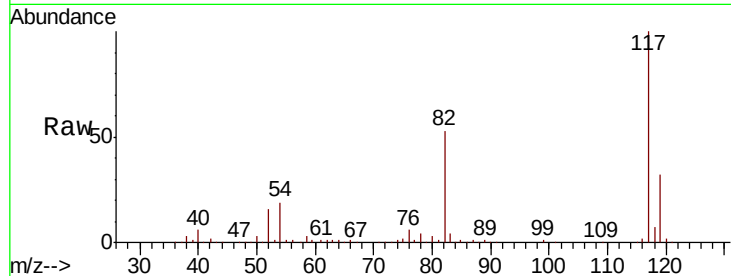




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

Tgt Ion:117 Resp: 794493
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

Tgt Ion:152 Resp: 237666
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.2 0.0 351.4

