

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050882.D
 Acq On : 24 Aug 2018 17:21
 Operator : MD\SY
 Sample : J4653-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Quant Time: Aug 24 23:48:30 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	584228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	965447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	810899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	387050	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	7.59	113	362768	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	10.09	98	1305927	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
62) 4-Bromofluorobenzene	12.40	95	355894	37.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.60%	

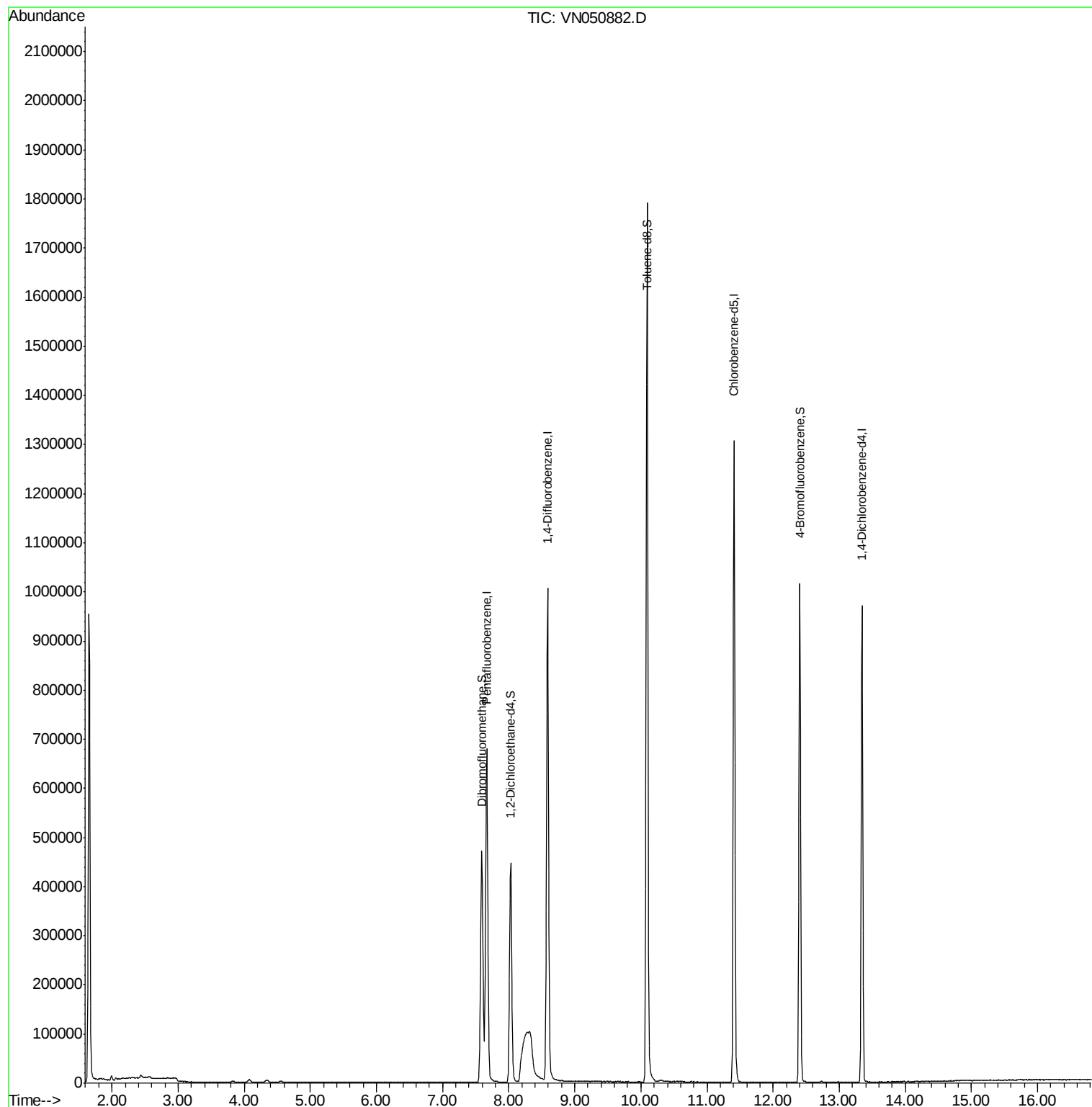
Target Compounds	Qvalue
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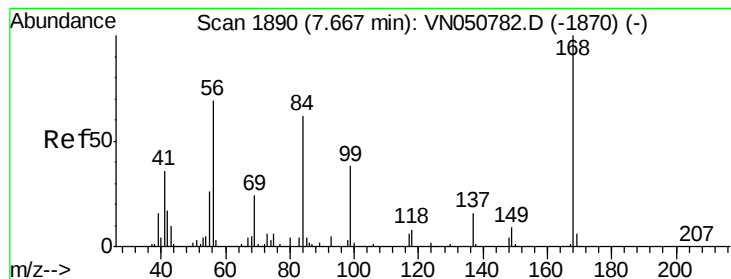
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050882.D

Acq: 24 Aug 2018 17:21

Instrument :

MSVOA_N

ClientSampleId :

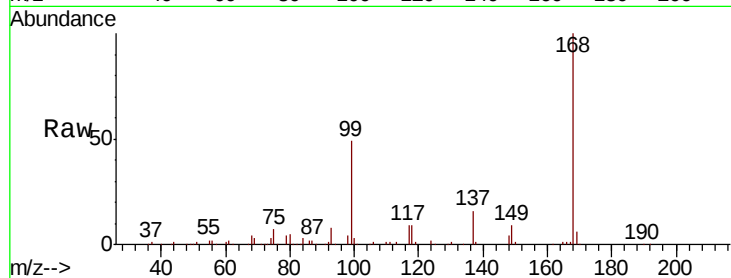
STORAGEBLANK-SOILREF-6

Tgt Ion:168 Resp: 584228

Ion Ratio Lower Upper

168 100

99 49.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050882.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050882.D (-1870) (-)

7.67

250000

200000

150000

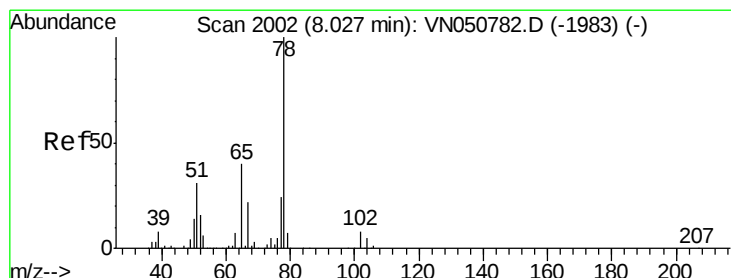
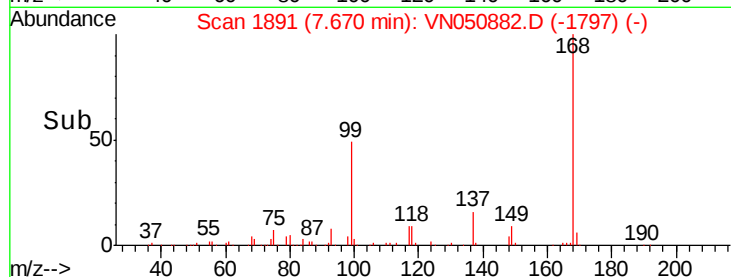
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.031 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050882.D

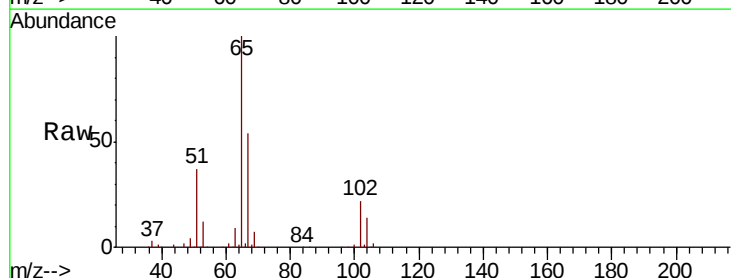
Acq: 24 Aug 2018 17:21

Tgt Ion: 65 Resp: 387050

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050882.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050882.D (-1983) (-)

8.03

150000

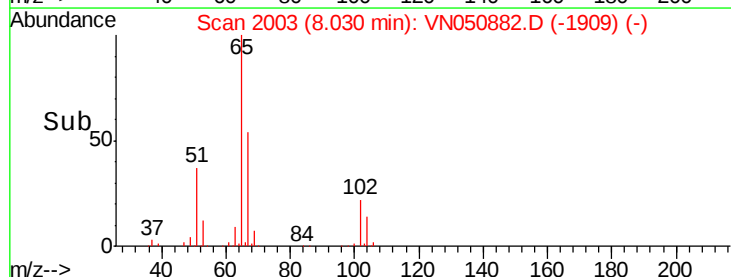
100000

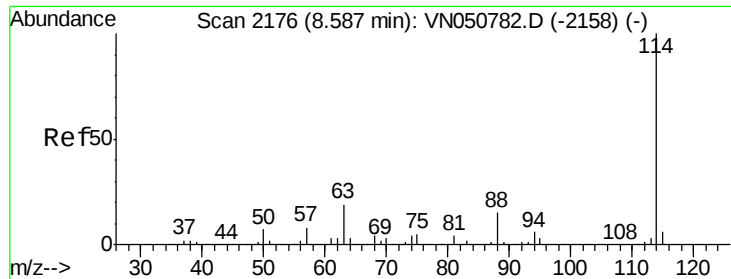
50000

0

7.90 8.00 8.10 8.20

Time-->

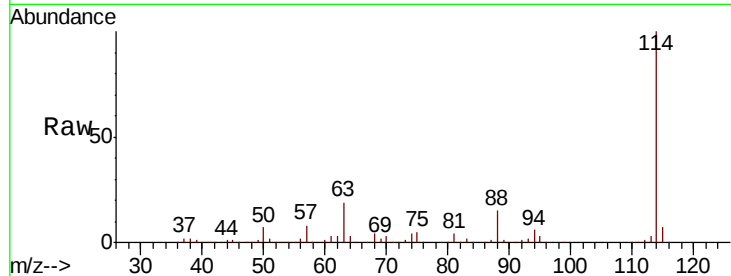




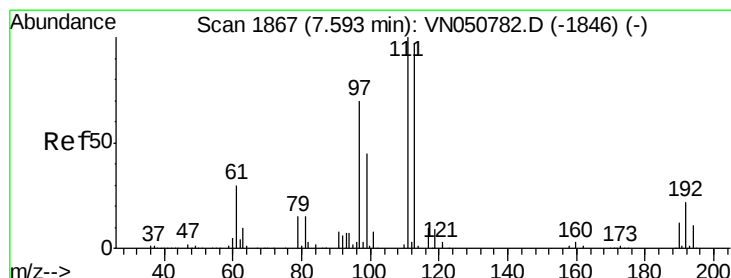
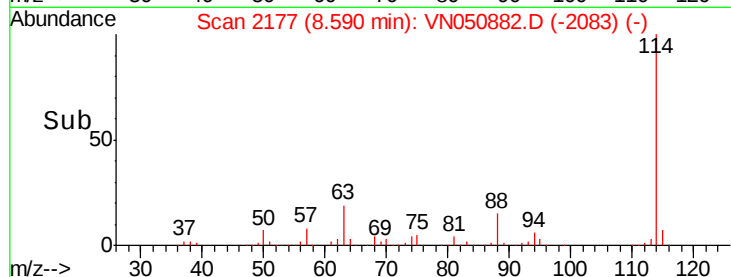
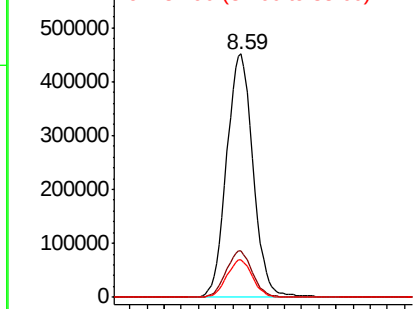
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050882.D
 Acq: 24 Aug 2018 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Tgt Ion:	114	Resp:	965447
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.3	0.0	30.6

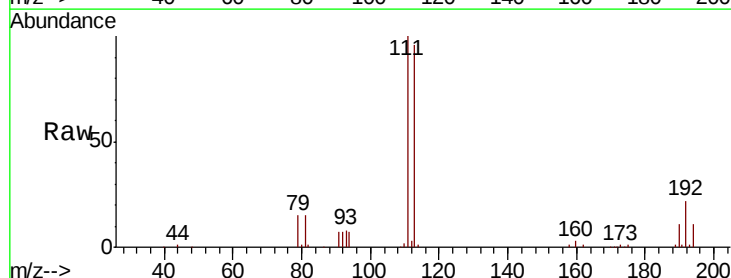


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

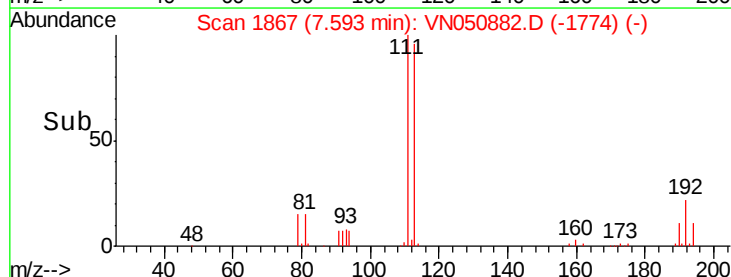
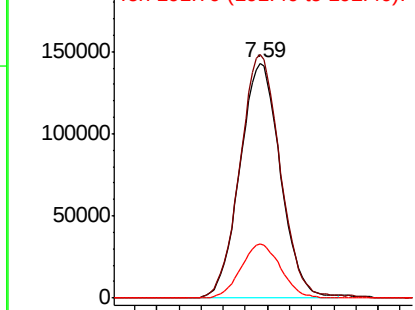


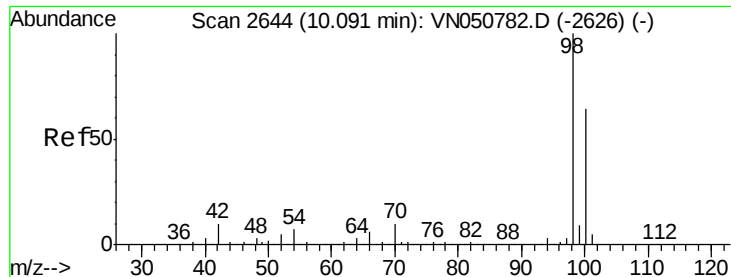
#35
 Dibromofluoromethane
 Concen: 47.231 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050882.D
 Acq: 24 Aug 2018 17:21

Tgt Ion:	113	Resp:	362768
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	22.9	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

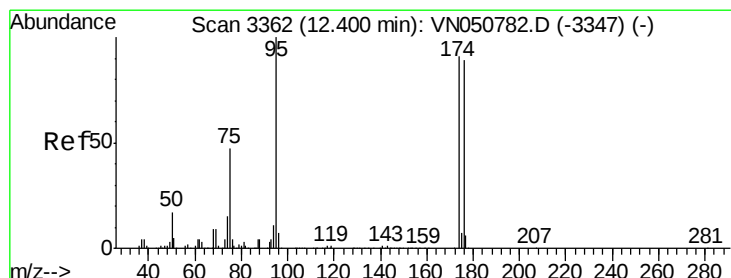
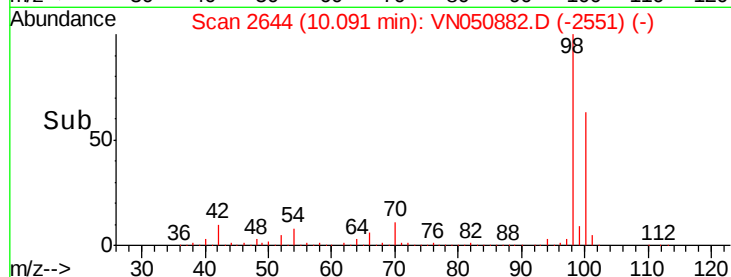
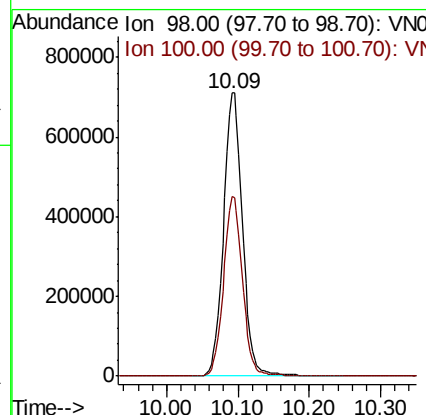
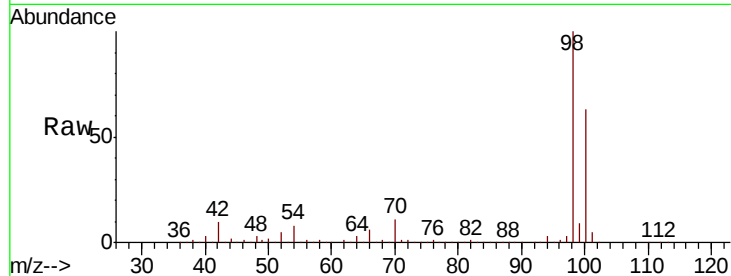




#50
Toluene-d8
Concen: 45.477 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050882.D
Acq: 24 Aug 2018 17:21

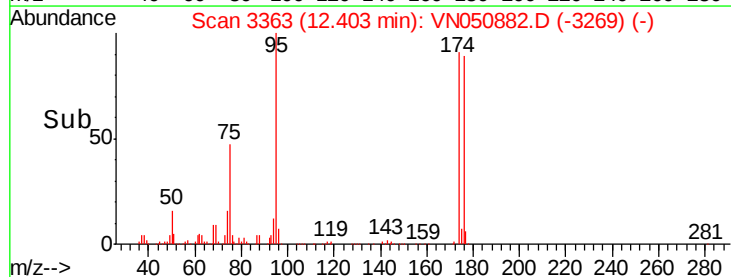
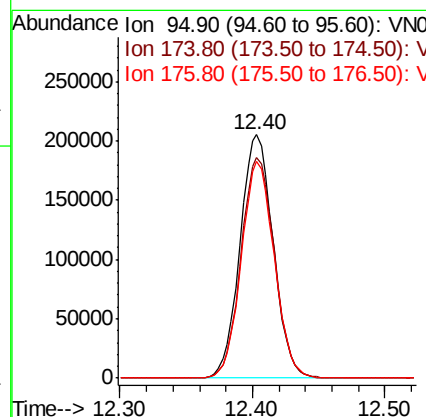
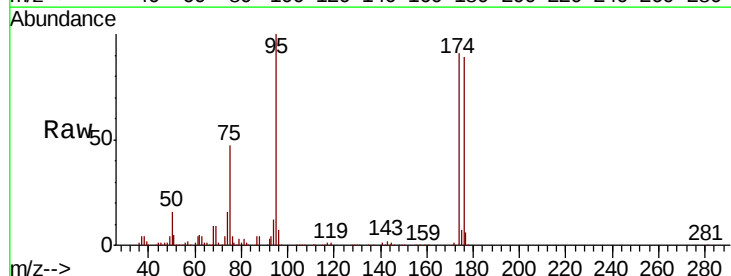
Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-6

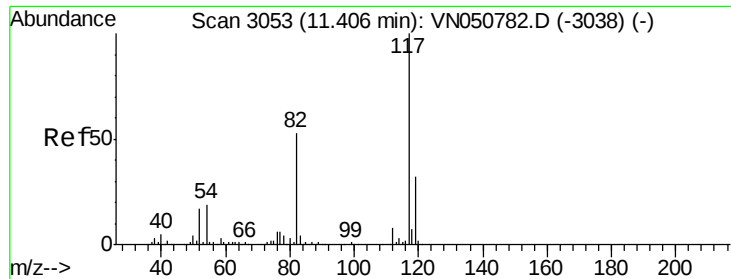
Tgt Ion: 98 Resp: 1305927
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 37.296 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050882.D
Acq: 24 Aug 2018 17:21

Tgt Ion: 95 Resp: 355894
Ion Ratio Lower Upper
95 100
174 91.5 0.0 183.0
176 88.5 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: VN050882.D

Acq: 24 Aug 2018 17:21

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-6

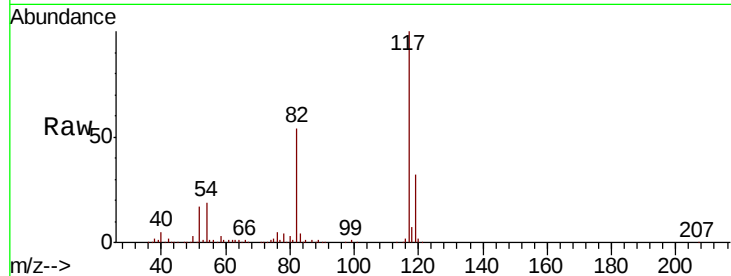
Tgt Ion:117 Resp: 810899

Ion Ratio Lower Upper

117 100

82 53.6 42.6 64.0

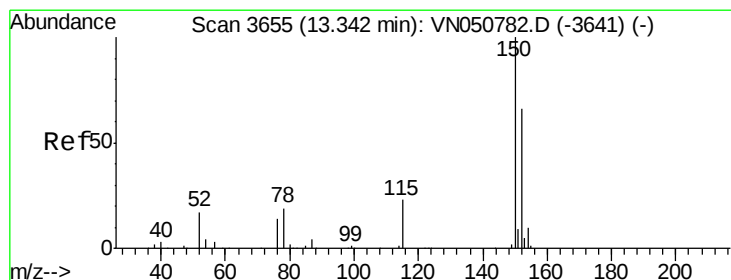
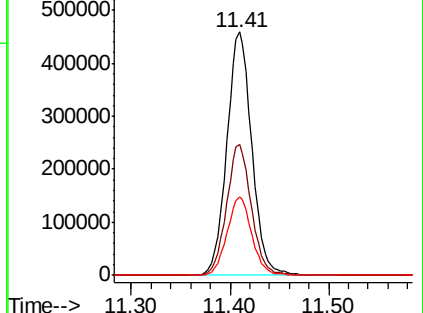
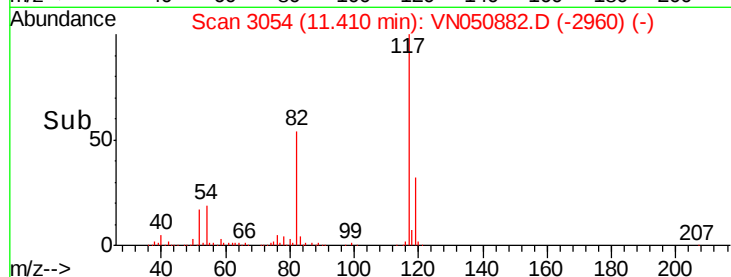
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050882.D

Acq: 24 Aug 2018 17:21

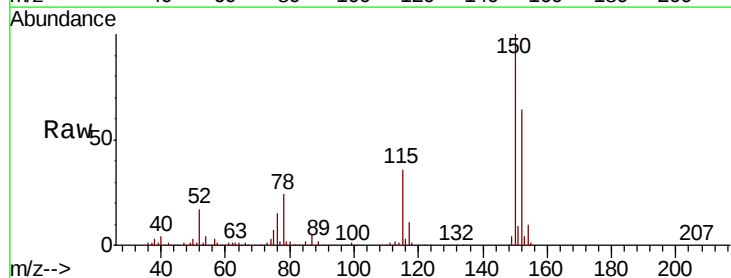
Tgt Ion:152 Resp: 278600

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 155.0 0.0 351.4



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

