

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051076.D
 Acq On : 10 Sep 2018 14:31
 Operator : MD\SY
 Sample : J4832-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-5

Quant Time: Sep 11 03:38:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	685380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1033189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	887589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288208	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	398296	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.59	113	396504	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.09	98	1439022	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.40	95	383555	39.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.72%	

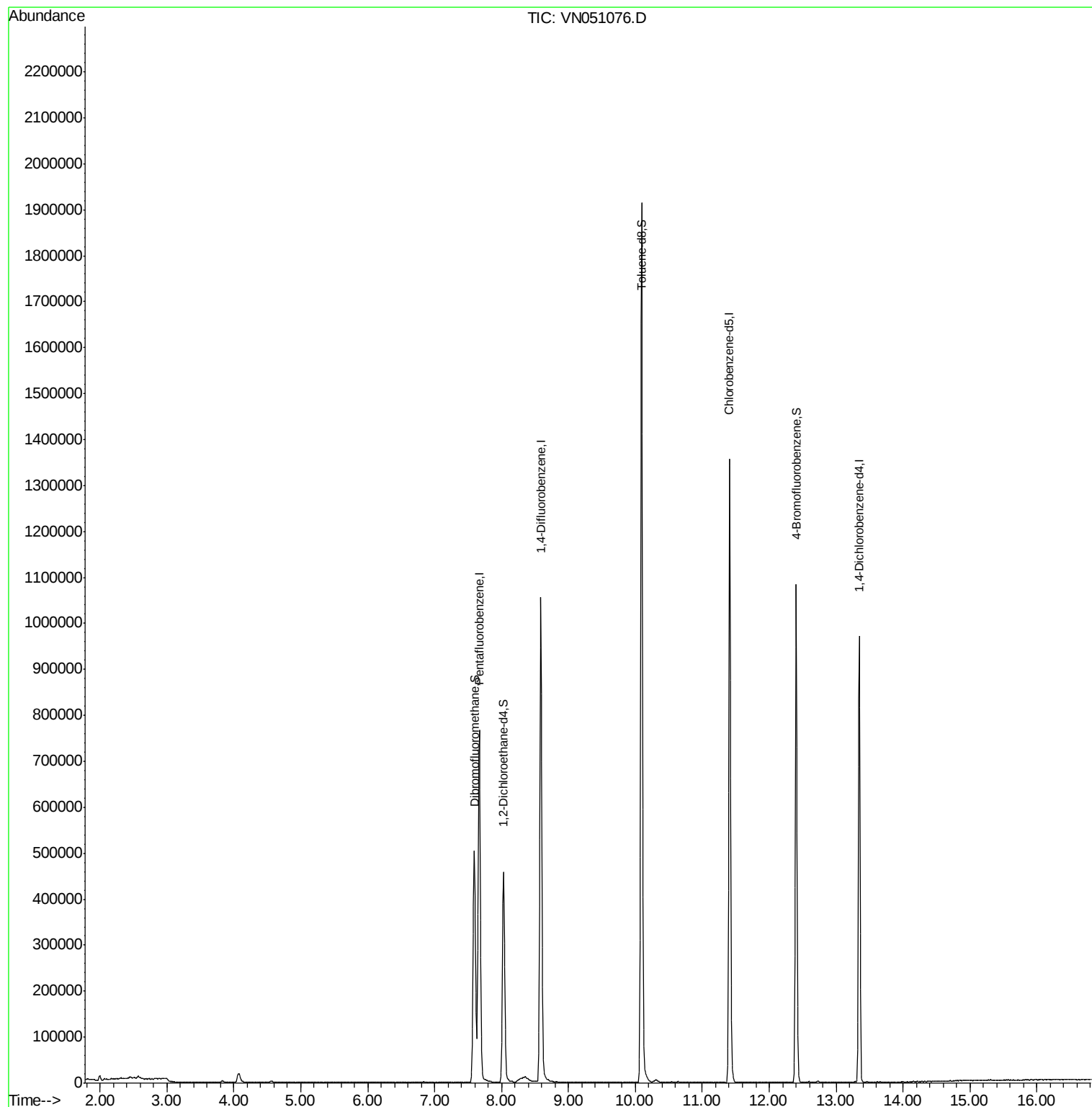
Target Compounds	Qvalue

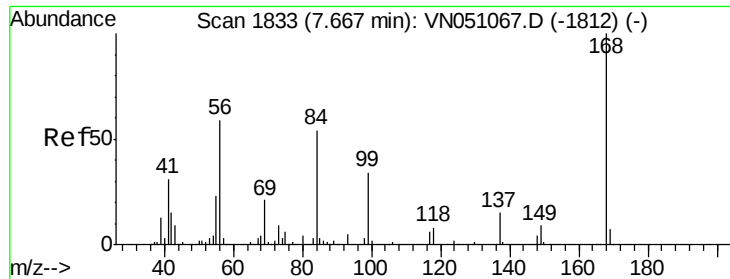
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051076.D

Acq: 10 Sep 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

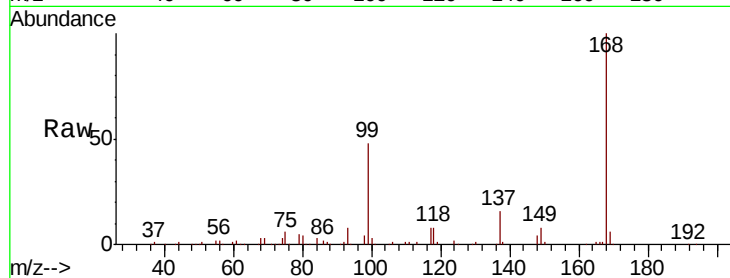
STORAGEBLANK-SOILREF-5

Tot Ion:168 Resp: 685380

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

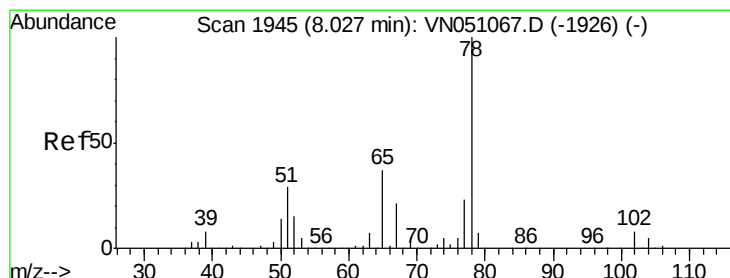
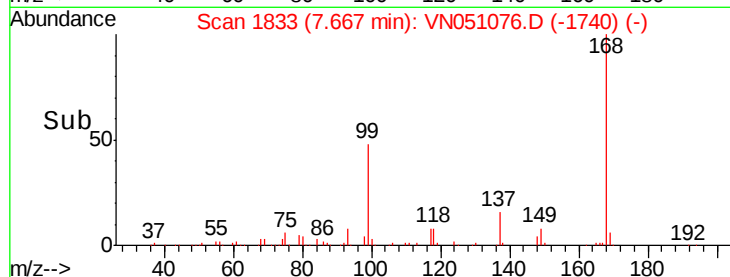
200000

100000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 52.22 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051076.D

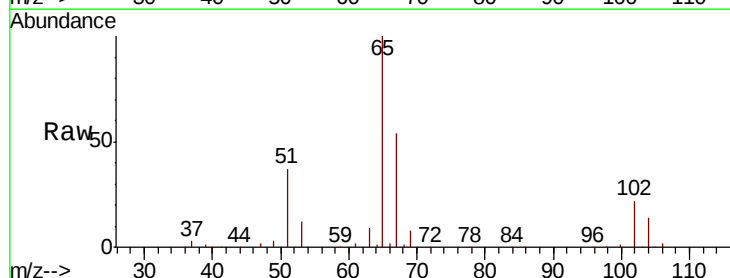
Acq: 10 Sep 2018 14:31

Tgt Ion: 65 Resp: 398296

Ion Ratio Lower Upper

65 100

67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

150000

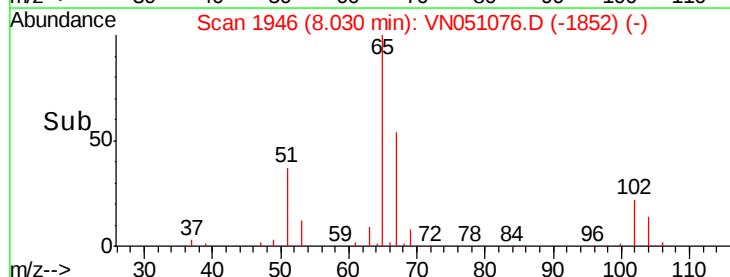
100000

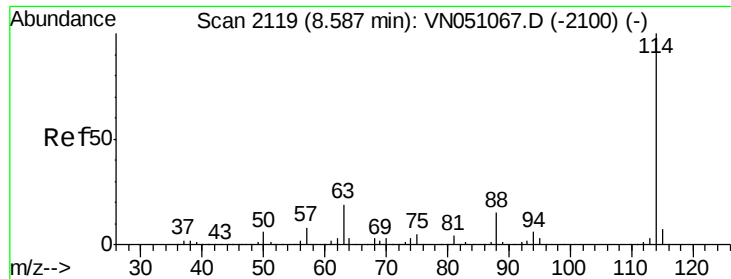
50000

0

Time-->

7.90 8.00 8.10 8.20

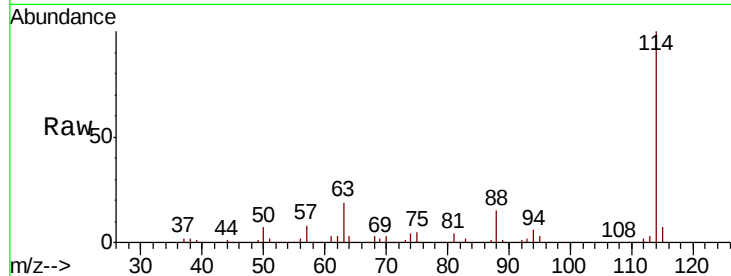




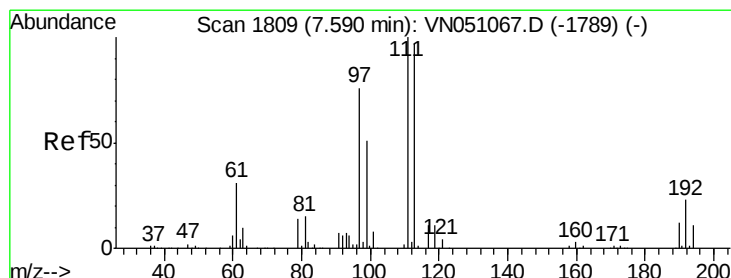
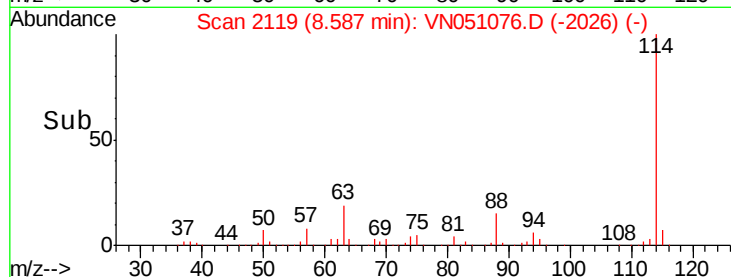
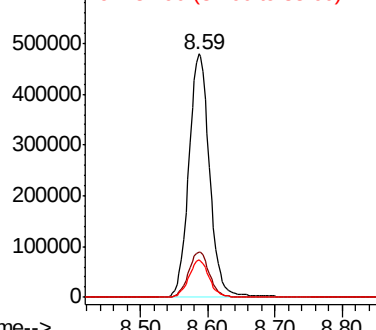
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051076.D
 Acq: 10 Sep 2018 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-5

Tot Ion:114 Resp: 1033189
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.3 0.0 30.8

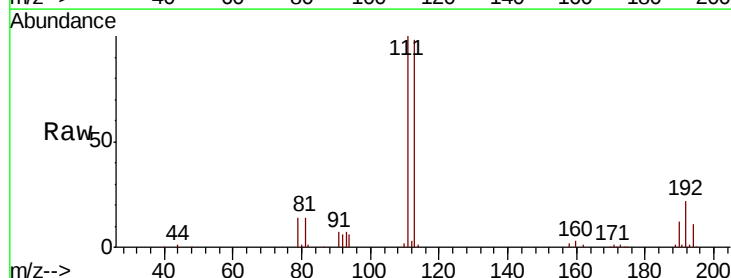


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

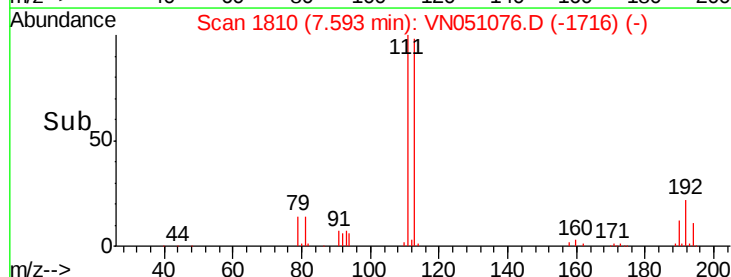
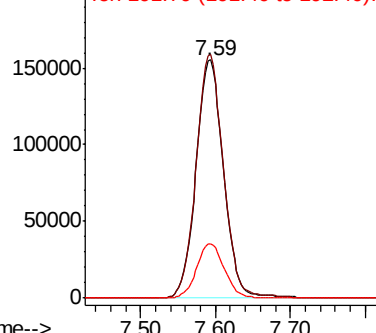


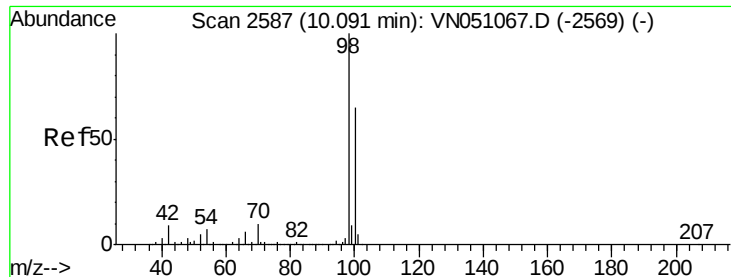
#35
 Dibromofluoromethane
 Concen: 51.07 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051076.D
 Acq: 10 Sep 2018 14:31

Tgt Ion:113 Resp: 396504
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.6
 192 23.0 18.7 28.1



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: 48.85 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051076.D

Acq: 10 Sep 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

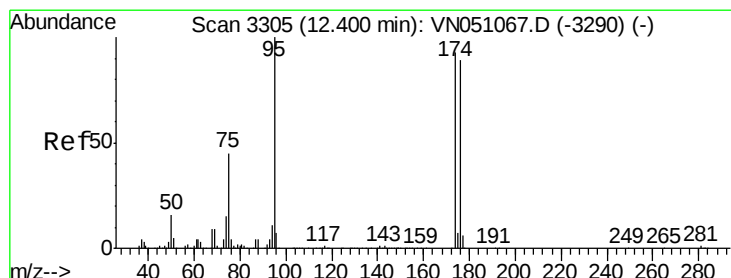
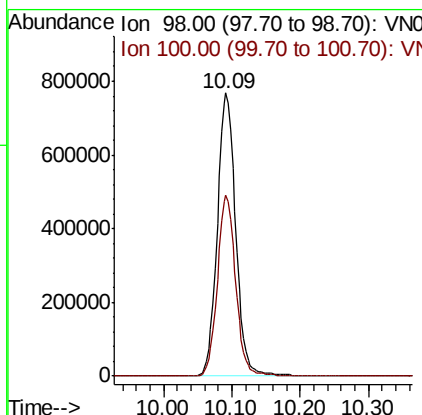
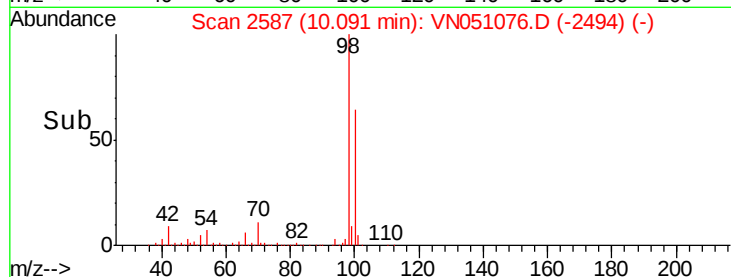
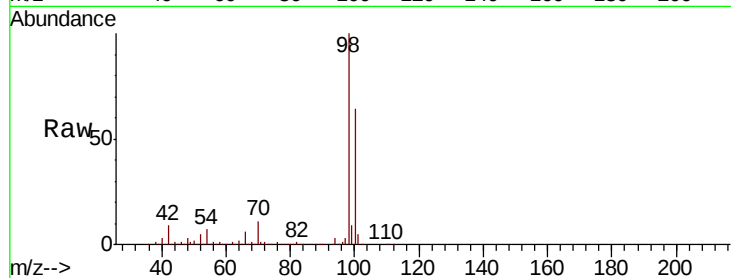
STORAGEBLANK-SOILREF-5

Tot Ion: 98 Resp: 1439022

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.36 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051076.D

Acq: 10 Sep 2018 14:31

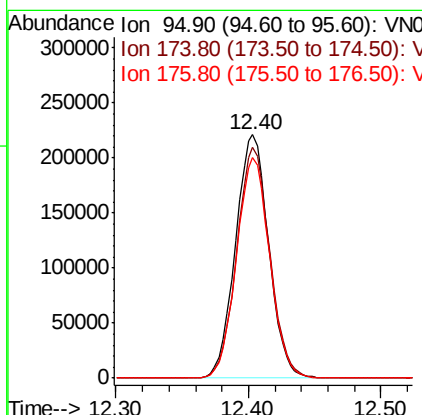
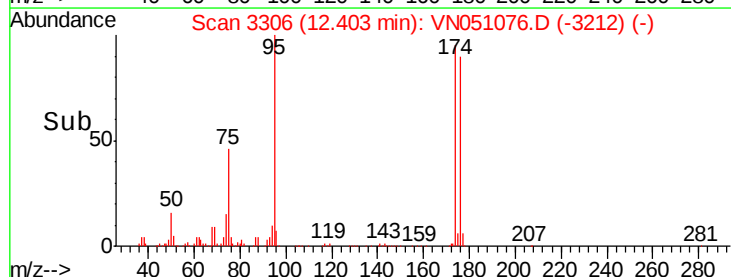
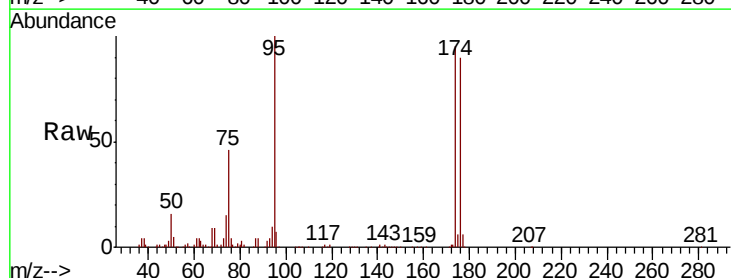
Tgt Ion: 95 Resp: 383555

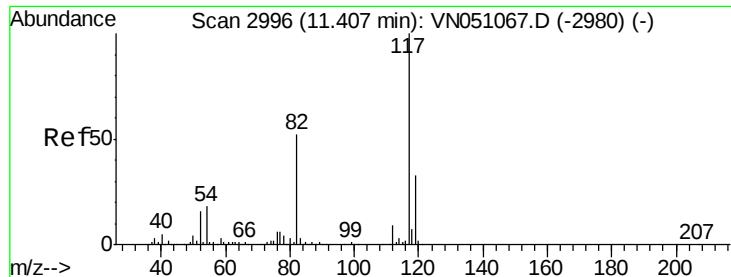
Ion Ratio Lower Upper

95 100

174 94.4 0.0 184.8

176 90.7 0.0 178.6

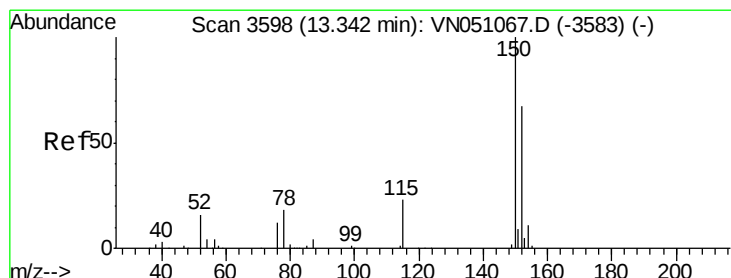
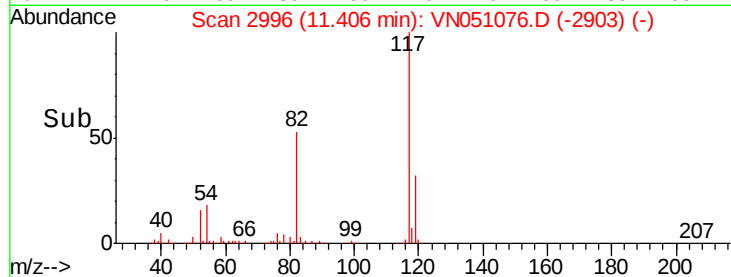
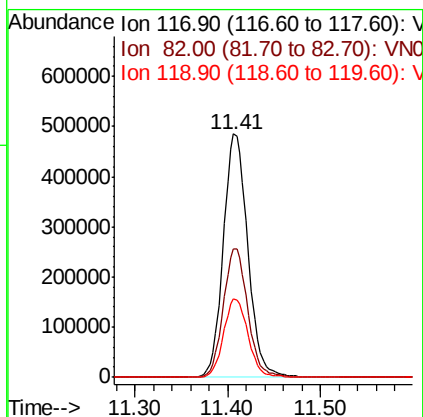
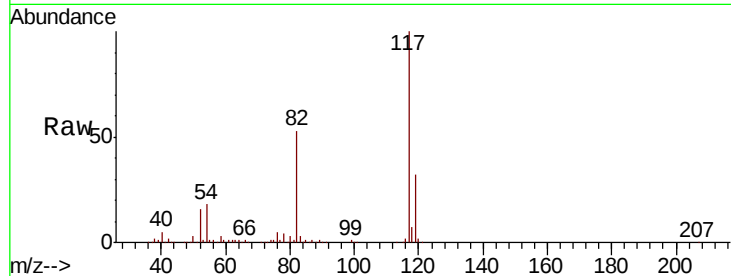




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051076.D
Acq: 10 Sep 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-5

Tot Ion:117 Resp: 887589
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051076.D
Acq: 10 Sep 2018 14:31

Tgt Ion:152 Resp: 288208
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.7 0.0 349.0

