

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050025.D
 Acq On : 24 Jul 2018 17:08
 Operator : MD\SY
 Sample : J4111-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-5

Quant Time: Jul 25 01:00:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	844328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290872	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	451828	51.18	ug/l	0.00
Spiked Amount						
			Recovery	=	102.36%	
35) Dibromofluoromethane	7.60	113	400108	48.68	ug/l	0.00
Spiked Amount						
			Recovery	=	97.36%	
50) Toluene-d8	10.09	98	1381506	45.72	ug/l	0.00
Spiked Amount						
			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	12.41	95	364496	36.63	ug/l	0.00
Spiked Amount						
			Recovery	=	73.26%	

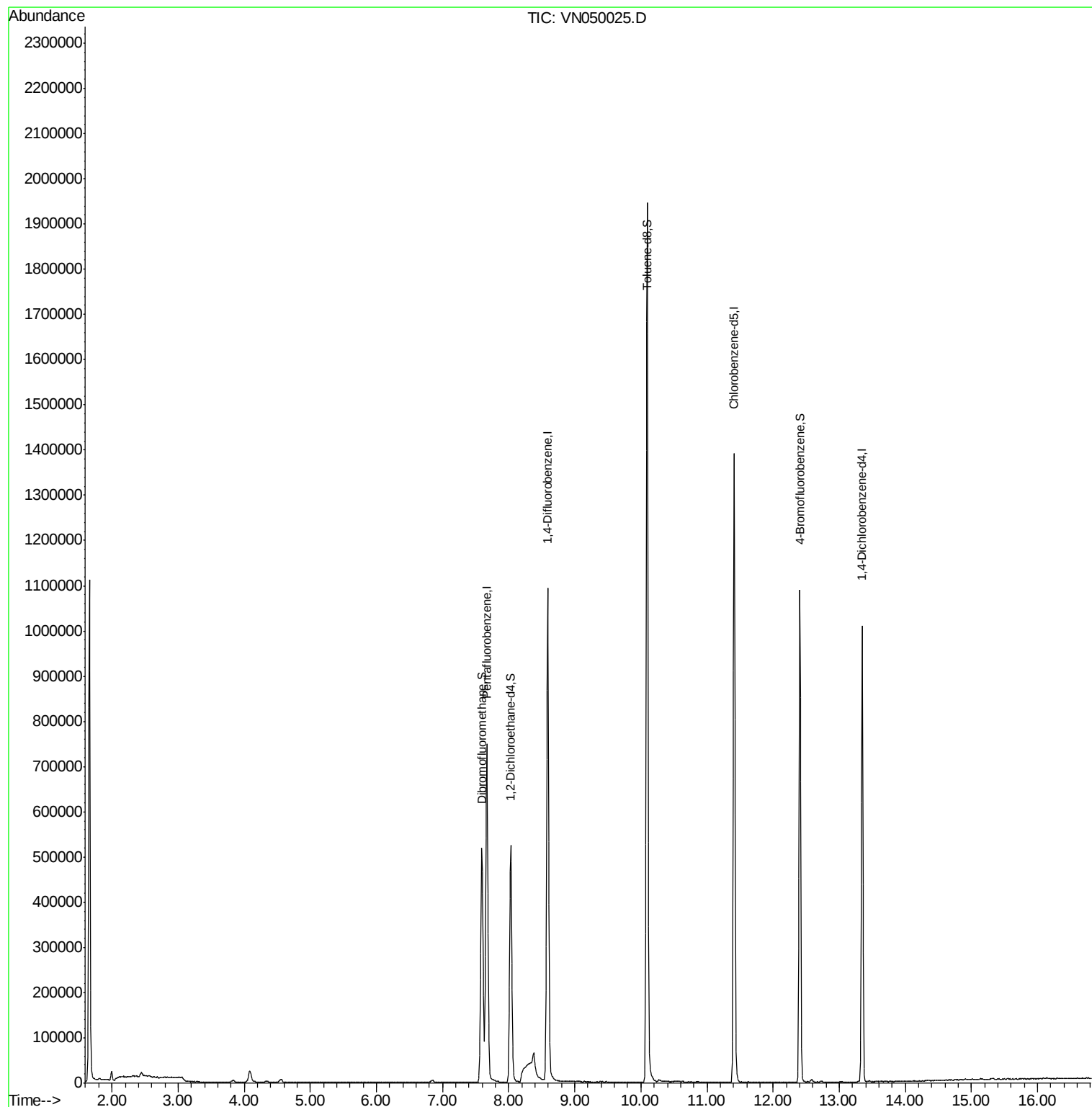
Target Compounds	Qvalue

(#) = 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# 1891

Delta R.T. 0.00 min

Lab File: VN050025.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA_N

ClientSampleId :

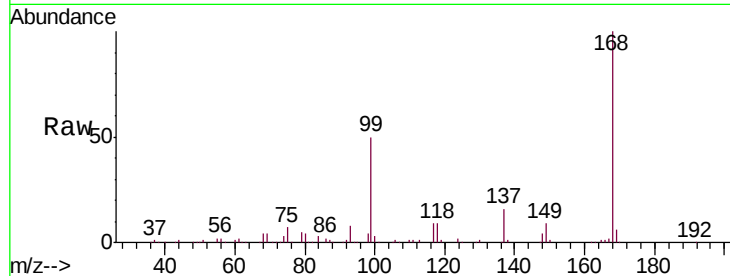
STORAGEBLANK-SOILREF-5

Tot Ion:168 Resp: 632698

Ion Ratio Lower Upper

168 100

99 50.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

150000

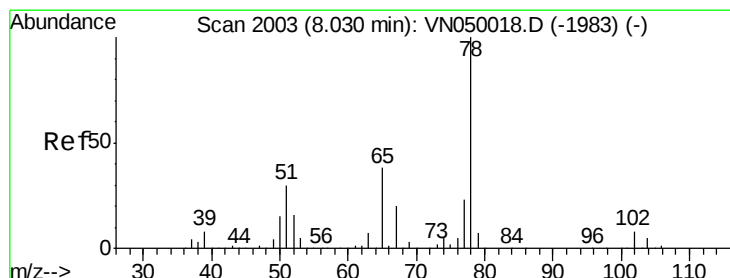
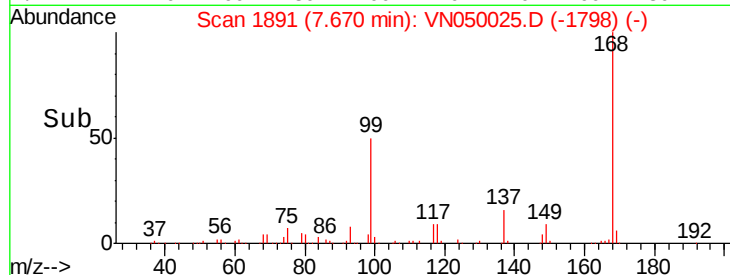
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.18 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050025.D

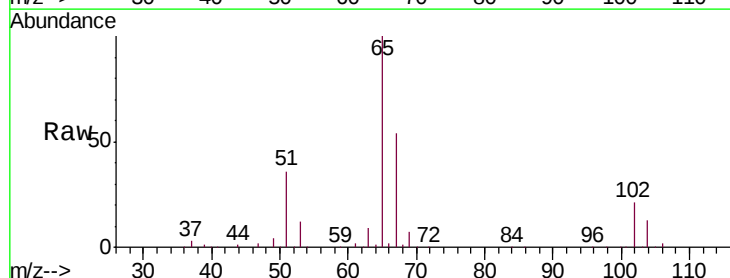
Acq: 24 Jul 2018 17:08

Tgt Ion: 65 Resp: 451828

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

150000

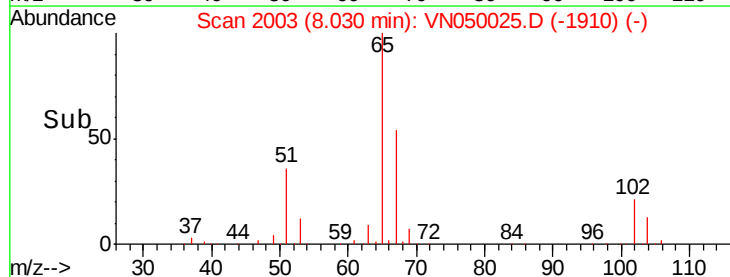
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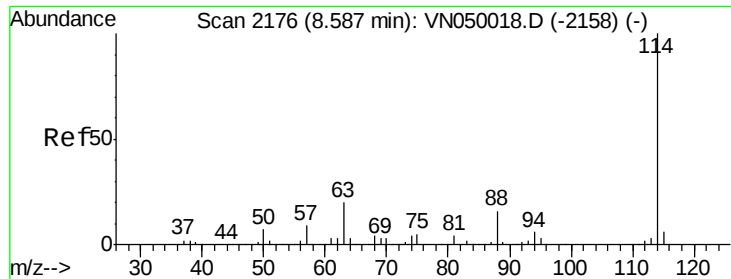
50000

0

7.90 8.00 8.10 8.20

Time-->

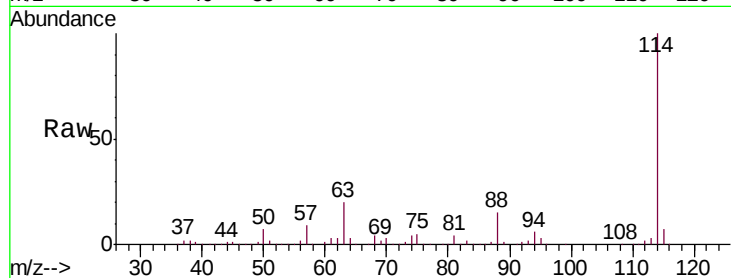




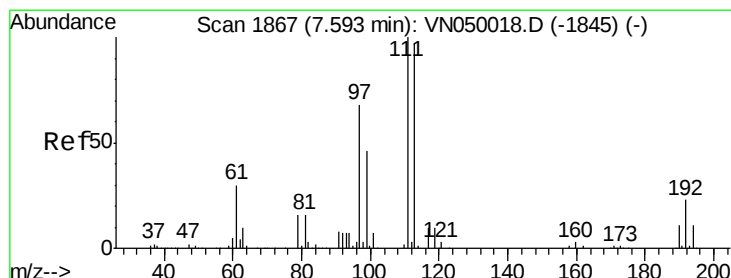
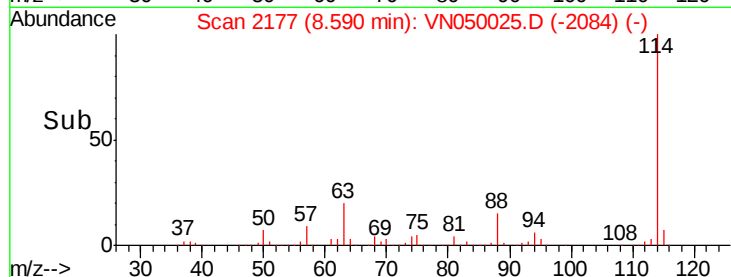
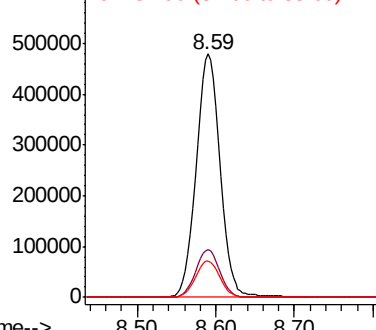
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050025.D
 Acq: 24 Jul 2018 17:08

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-5

Tot Ion:114 Resp: 1006637
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.0 0.0 31.2

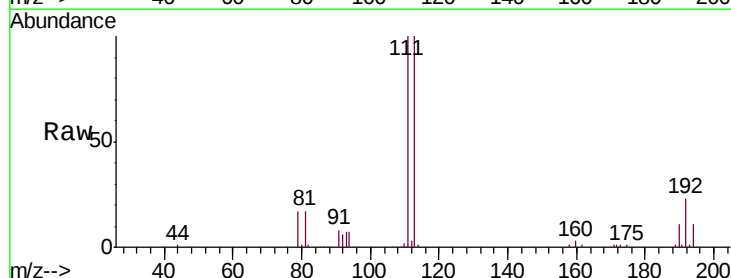


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

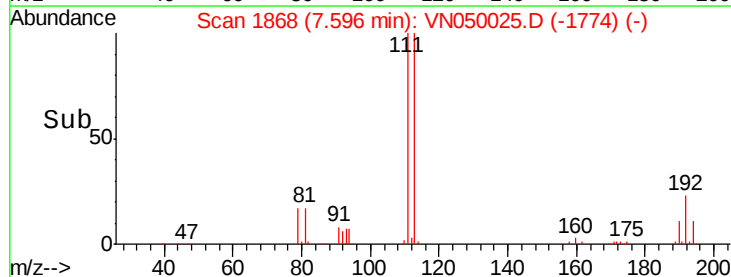
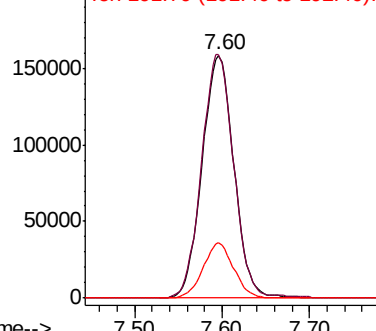


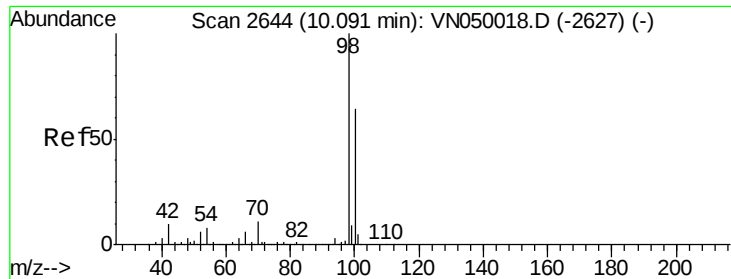
#35
 Dibromofluoromethane
 Concen: 48.68 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050025.D
 Acq: 24 Jul 2018 17:08

Tgt Ion:113 Resp: 400108
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 21.8 17.8 26.6



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

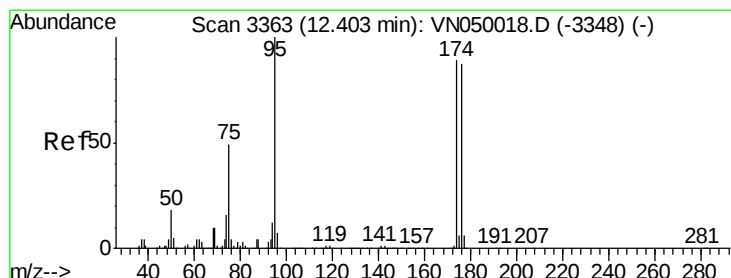
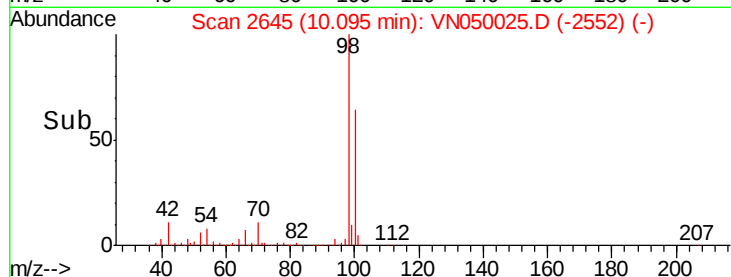
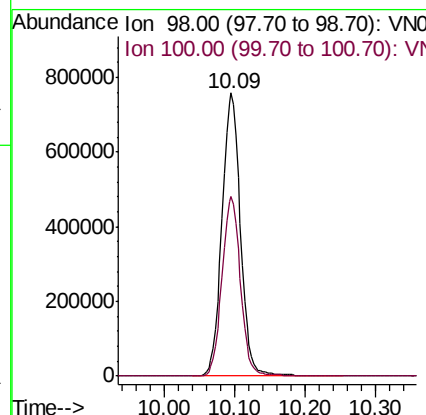
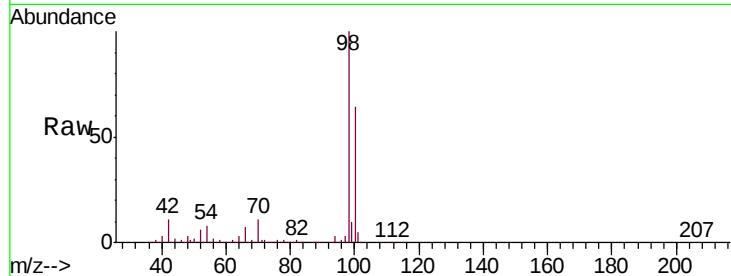




#50
Toluene-d8
Concen: 45.72 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050025.D
Acq: 24 Jul 2018 17:08

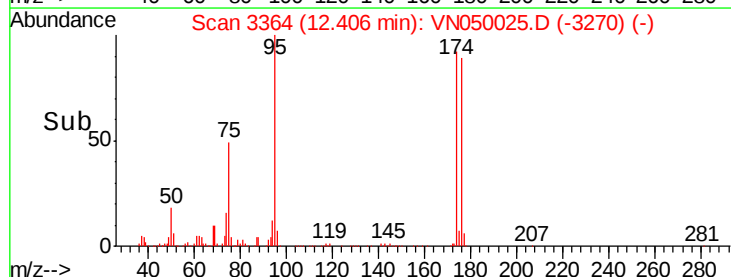
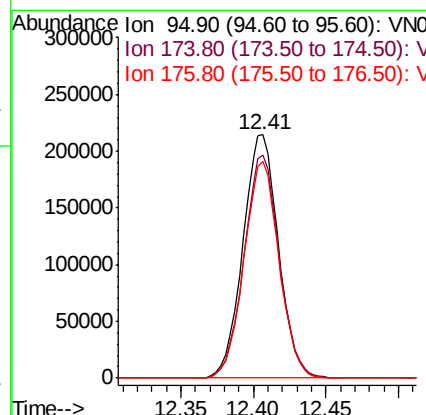
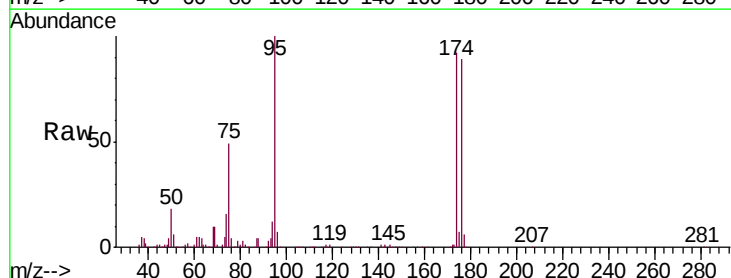
Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-5

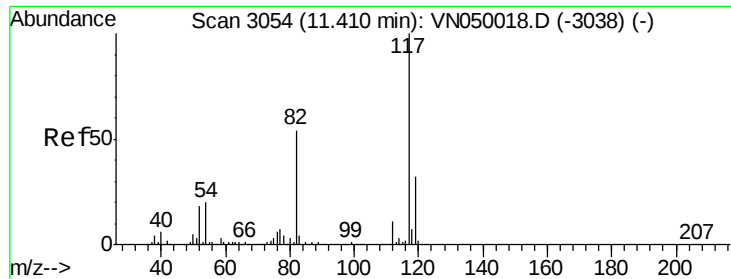
Tot Ion: 98 Resp: 1381506
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 36.63 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050025.D
Acq: 24 Jul 2018 17:08

Tgt Ion: 95 Resp: 364496
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.9 0.0 173.4

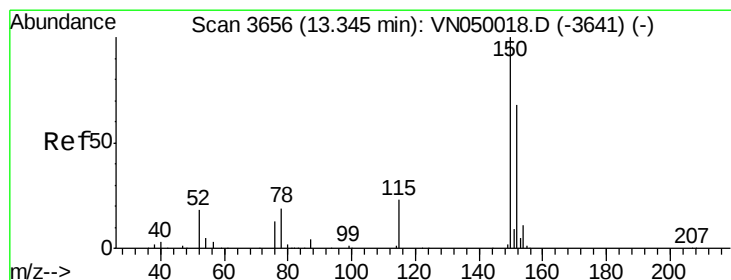
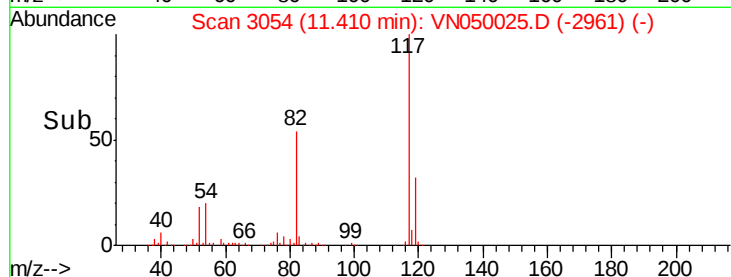
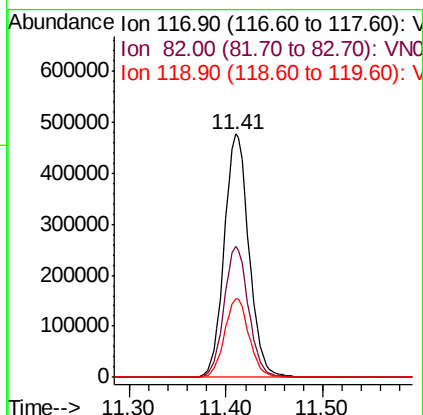
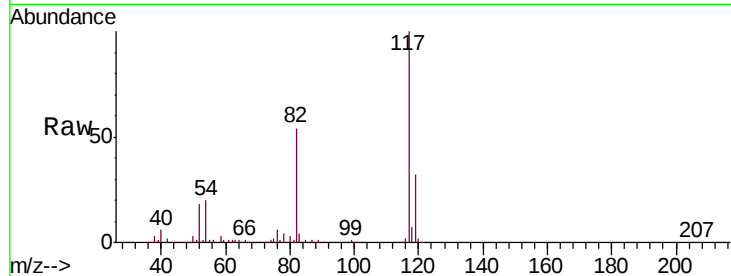




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050025.D
Acq: 24 Jul 2018 17:08

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-5

Tot Ion:117 Resp: 844328
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN050025.D
Acq: 24 Jul 2018 17:08

Tgt Ion:152 Resp: 290872
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.3
150 158.5 0.0 348.6

