

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060184.D
 Acq On : 21 Feb 2020 12:52
 Operator : JC/MD
 Sample : L1645-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Feb 21 22:54:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	168037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	261163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	237016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	99979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97845	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	7.57	113	79154	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.08	98	312259	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.40	95	107283	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	

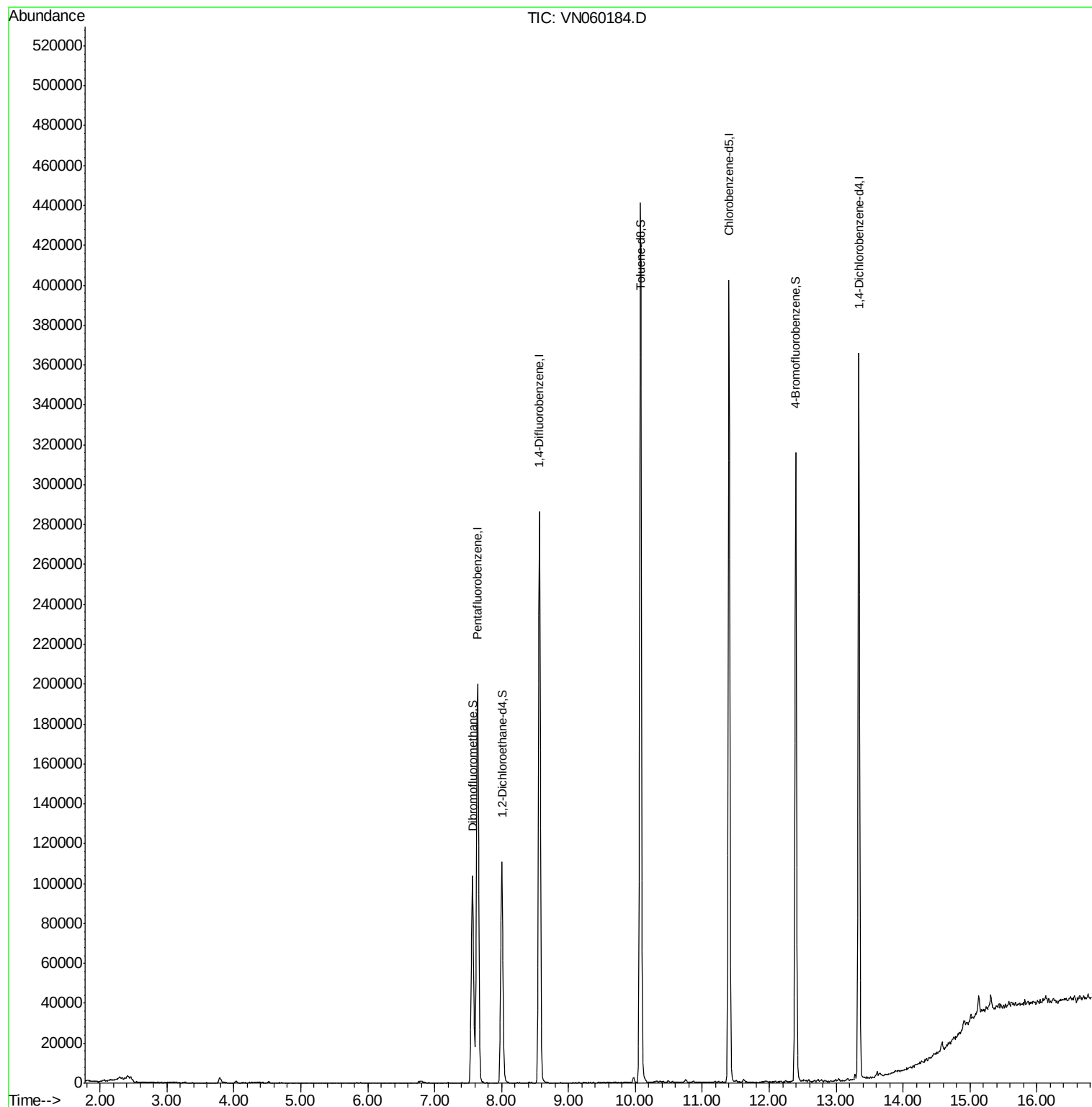
Target Compounds	Qvalue
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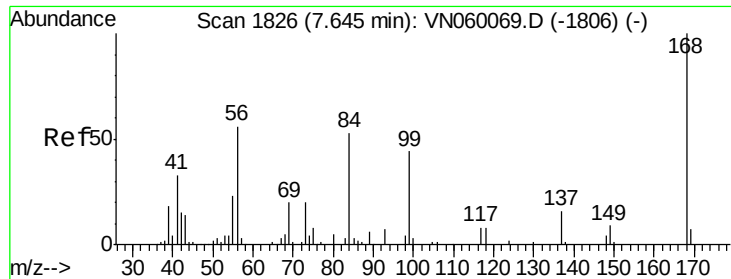
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060184.D

Acq: 21 Feb 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

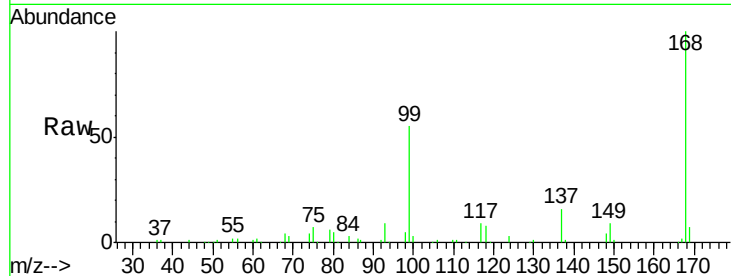
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 168037

Ion Ratio Lower Upper

168 100

99 54.6 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

60000

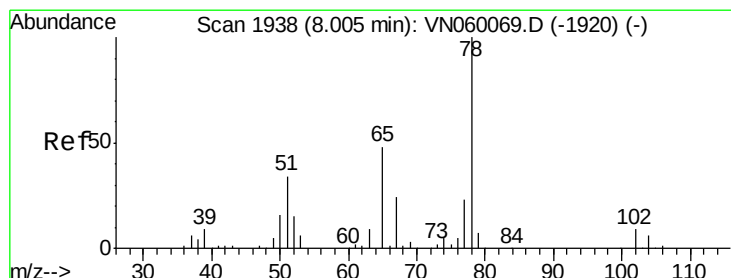
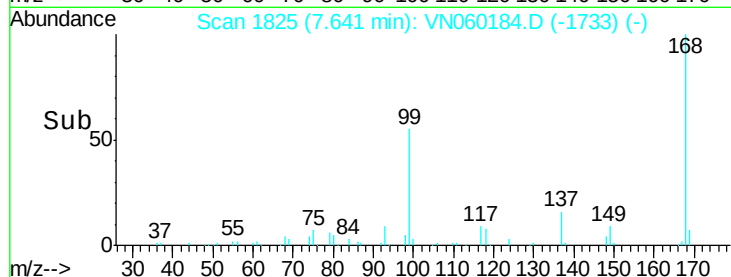
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.852 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060184.D

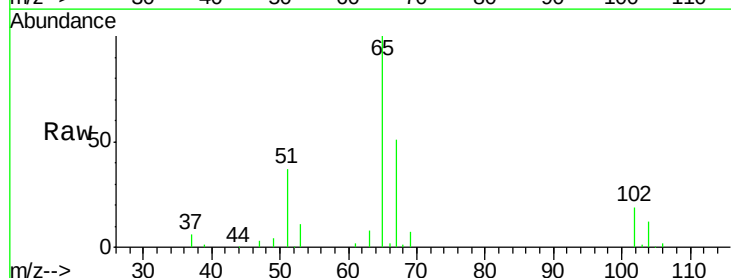
Acq: 21 Feb 2020 12:52

Tgt Ion: 65 Resp: 97845

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

40000

30000

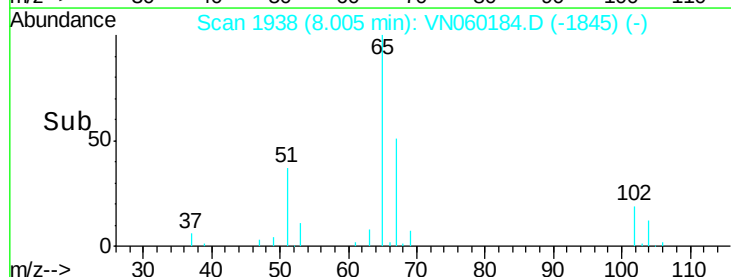
20000

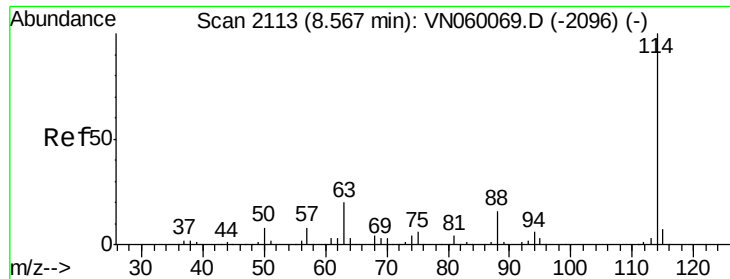
10000

0

7.90 8.00 8.10

Time-->

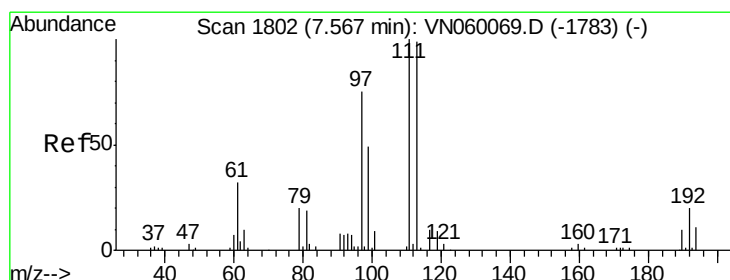
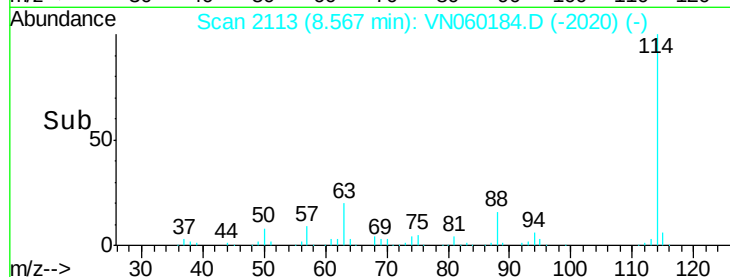
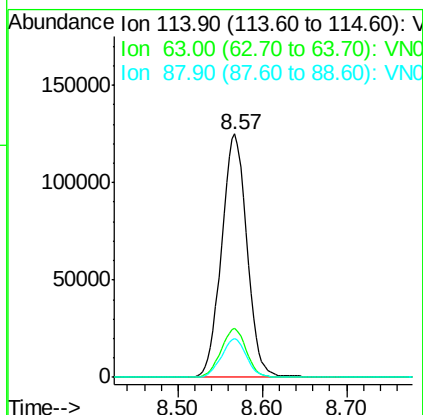
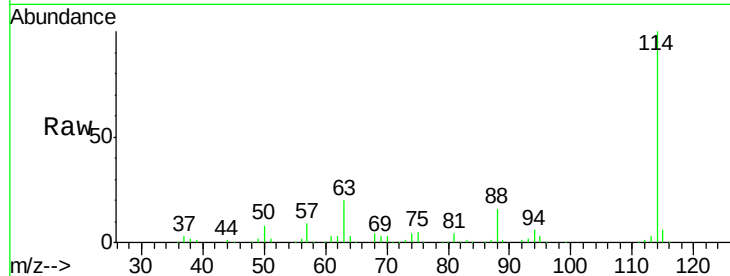




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060184.D
Acq: 21 Feb 2020 12:52

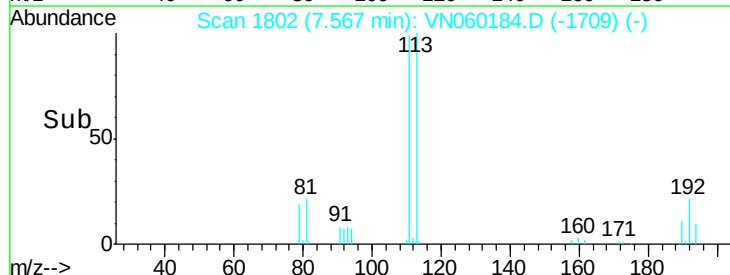
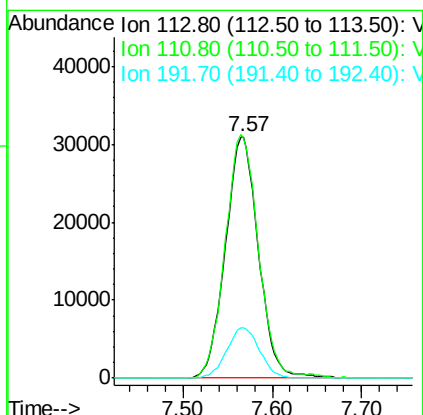
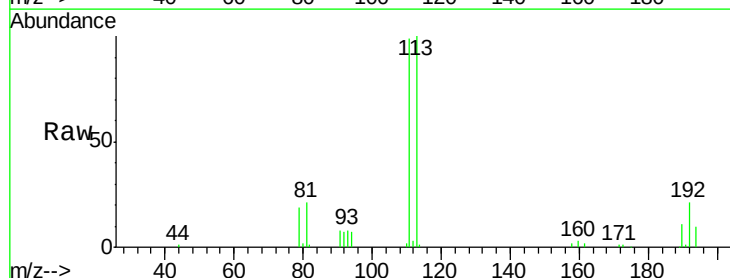
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

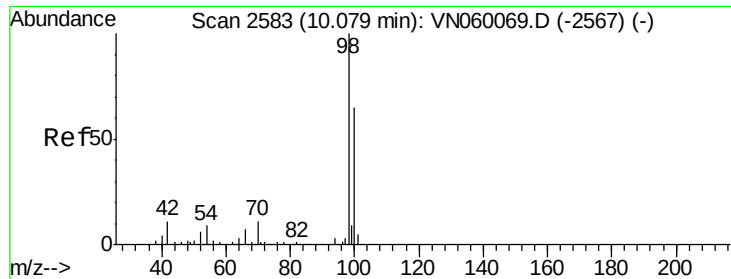
Tot Ion:114 Resp: 261163
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 49.306 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060184.D
Acq: 21 Feb 2020 12:52

Tgt Ion:113 Resp: 79154
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 20.6 16.2 24.2

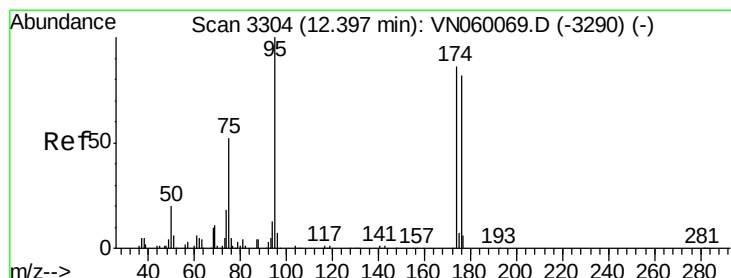
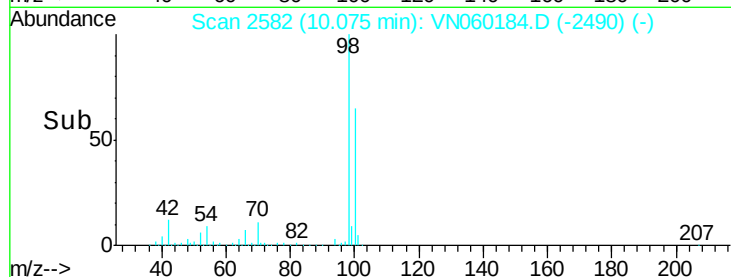
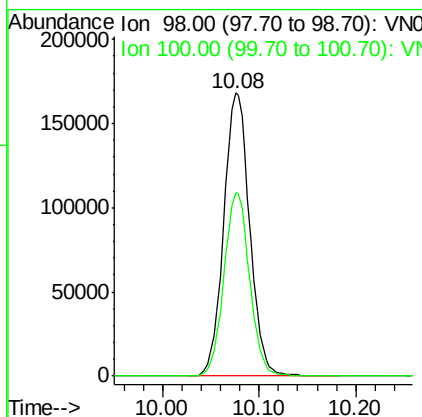
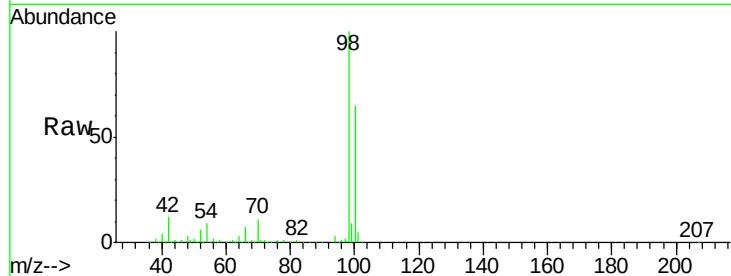




#50
Toluene-d8
Concen: 49.394 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060184.D
Acq: 21 Feb 2020 12:52

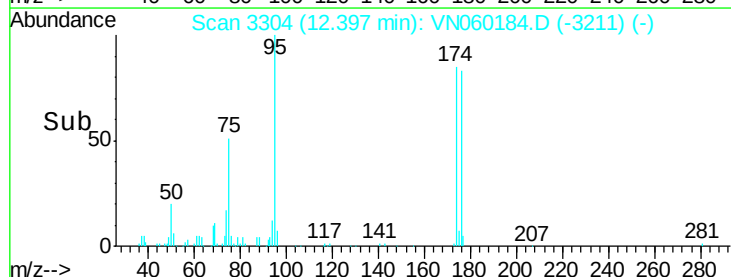
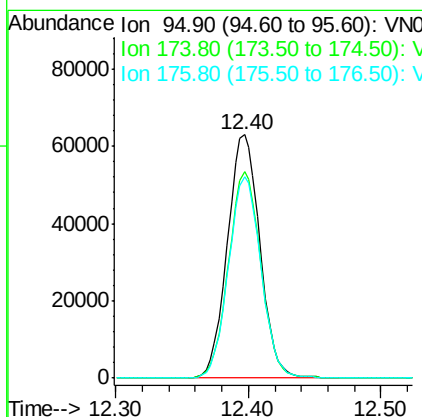
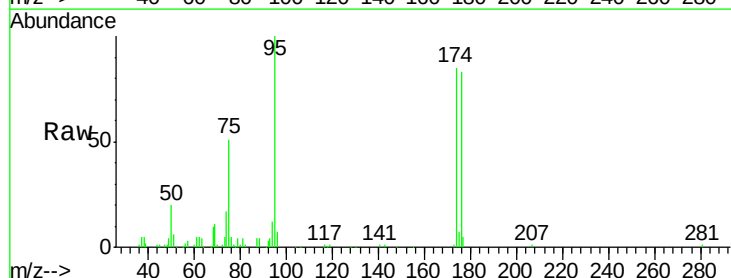
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

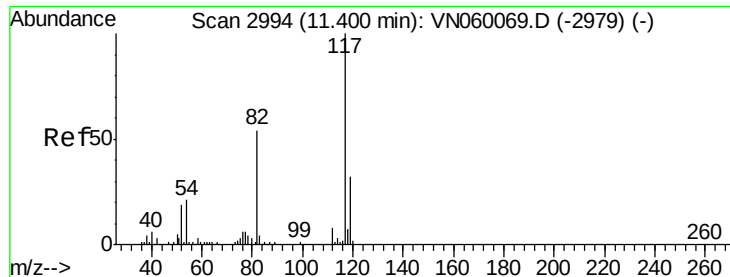
Tot Ion: 98 Resp: 312259
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.183 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060184.D
Acq: 21 Feb 2020 12:52

Tgt Ion: 95 Resp: 107283
Ion Ratio Lower Upper
95 100
174 84.7 0.0 169.8
176 82.9 0.0 164.8

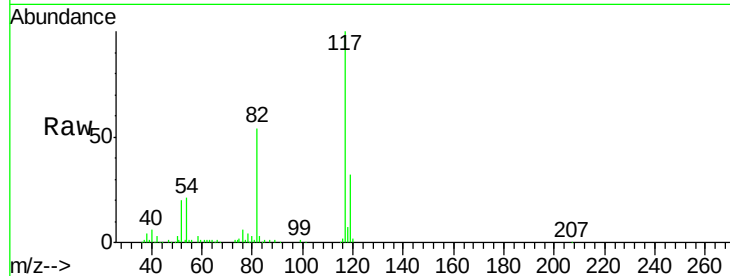




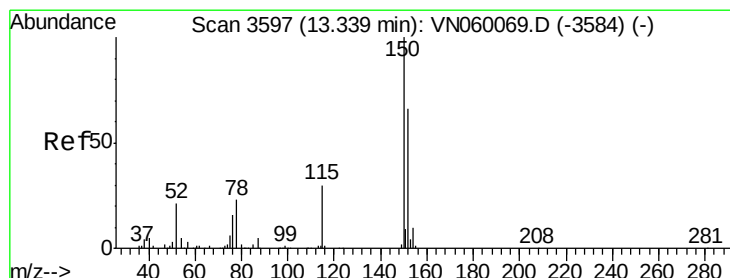
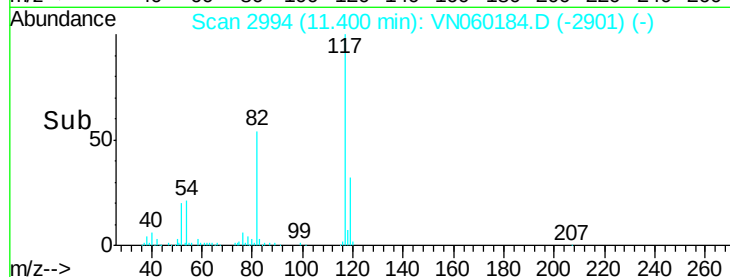
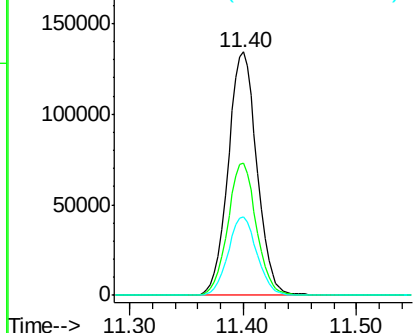
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060184.D
Acq: 21 Feb 2020 12:52

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 237016
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.2 25.8 38.6

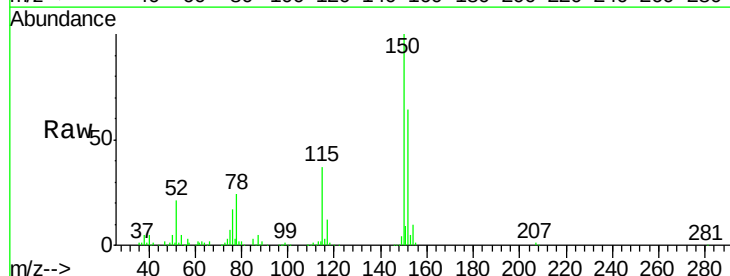


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060184.D
Acq: 21 Feb 2020 12:52

Tgt Ion:152 Resp: 99979
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 156.7 0.0 342.4



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

