

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061049.D
 Acq On : 17 Apr 2020 14:37
 Operator : JC/MD
 Sample : L2329-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

Quant Time: Apr 20 03:37:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	153627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	260866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	244469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105131	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
35) Dibromofluoromethane	7.56	113	78442	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.08	98	321135	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.40	95	120048	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

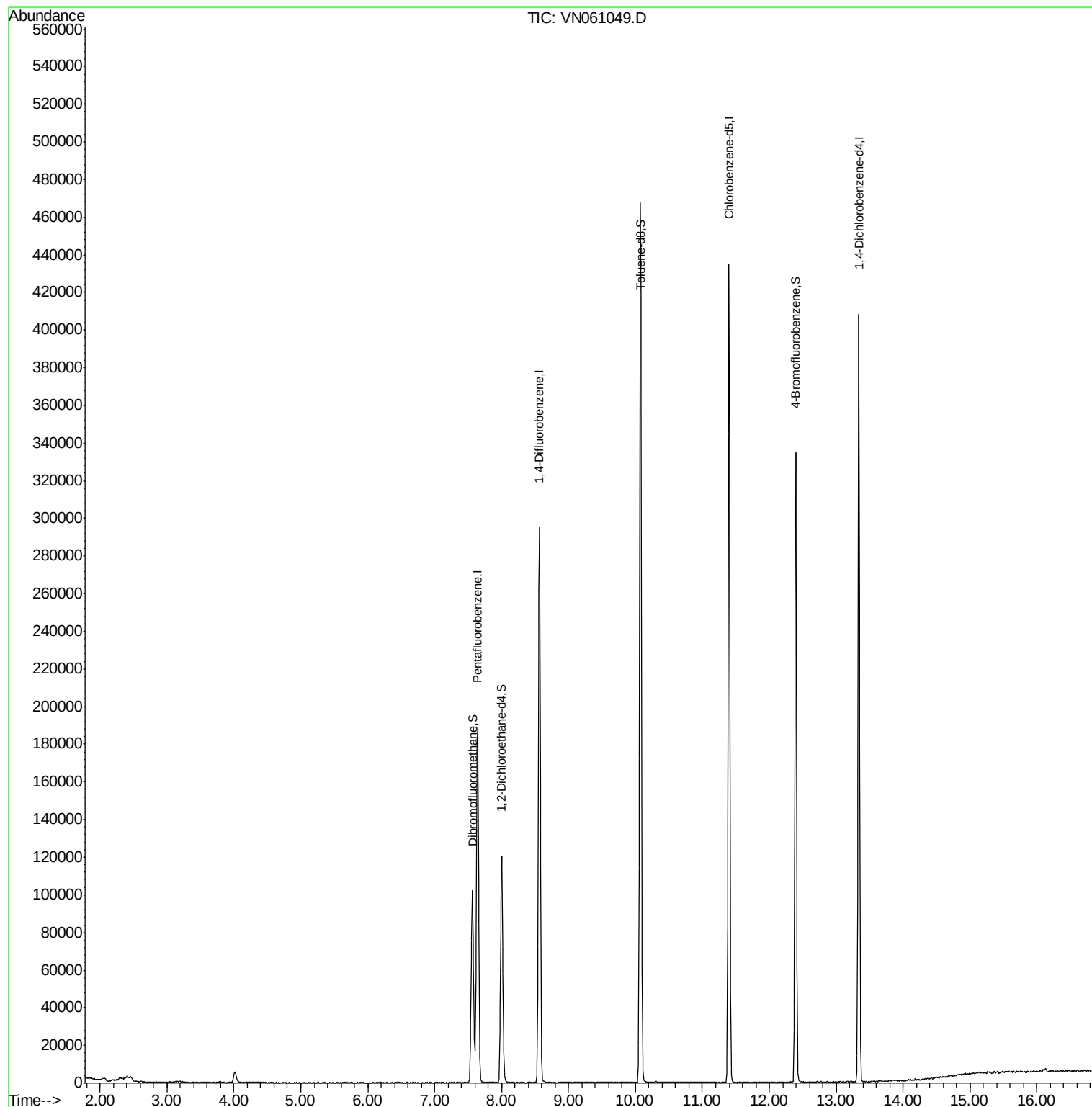
Target Compounds	Qvalue

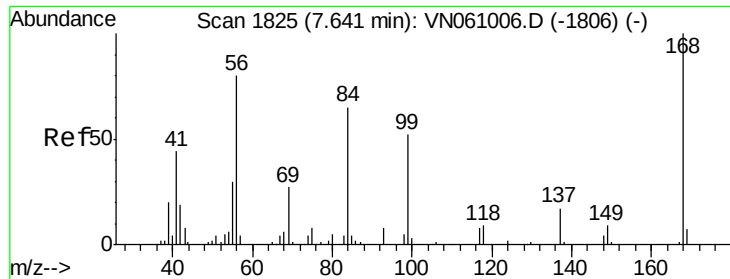
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

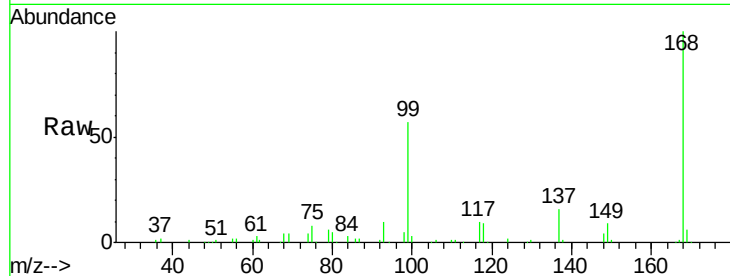
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 153627

Ion Ratio Lower Upper

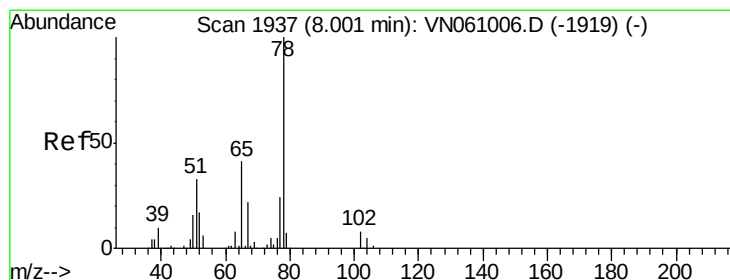
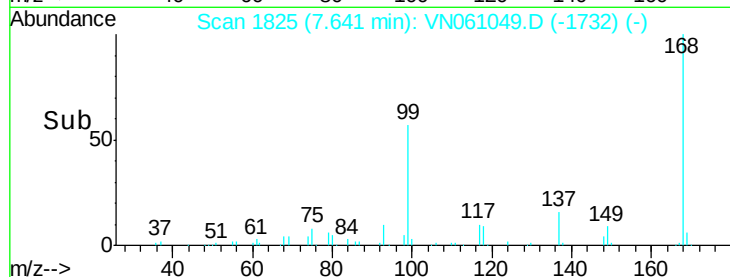
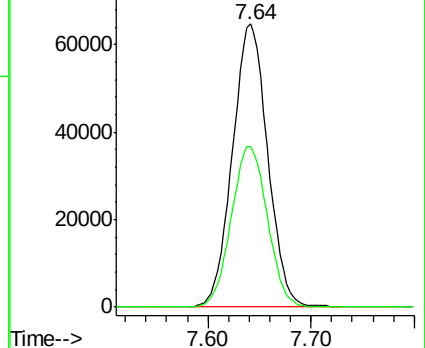
168 100

99 56.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.487 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061049.D

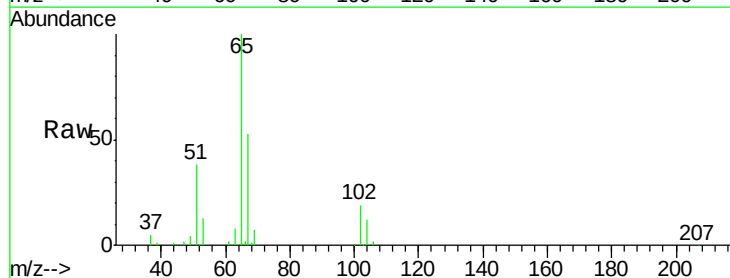
Acq: 17 Apr 2020 14:37

Tgt Ion: 65 Resp: 105131

Ion Ratio Lower Upper

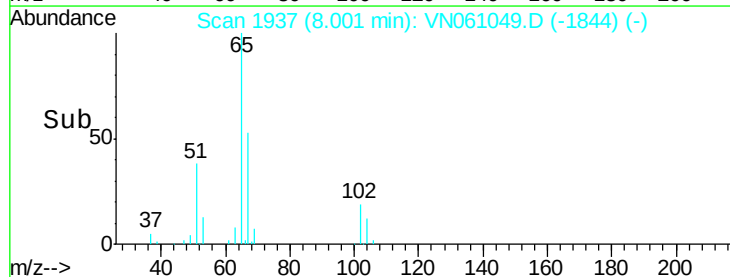
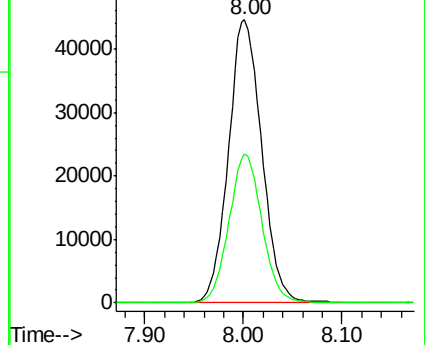
65 100

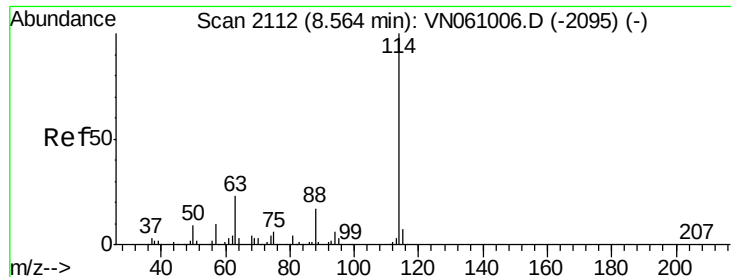
67 52.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

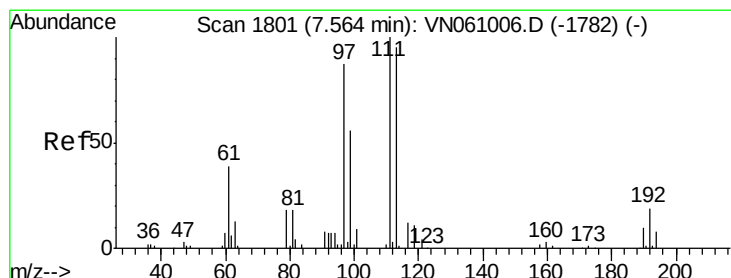
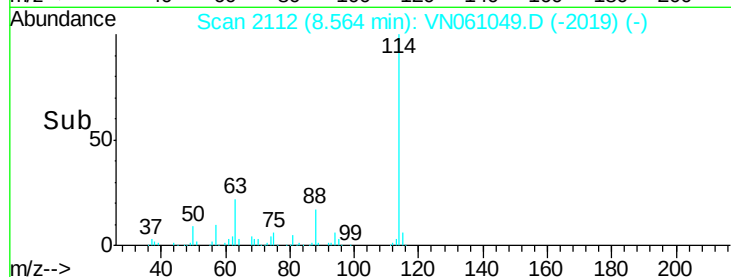
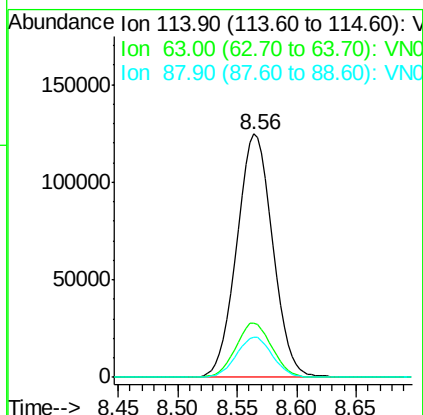
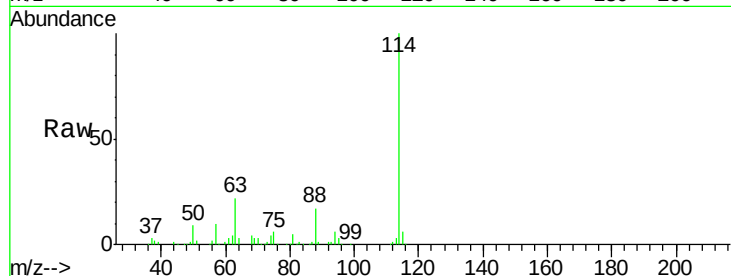




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061049.D
 Acq: 17 Apr 2020 14:37

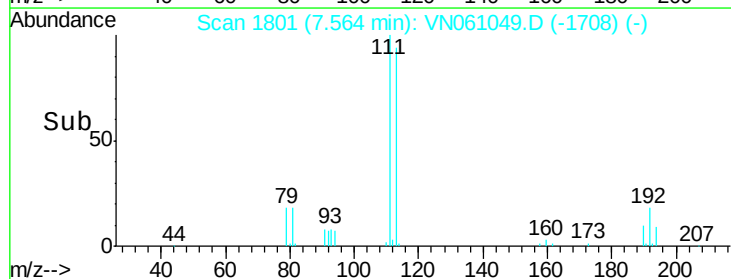
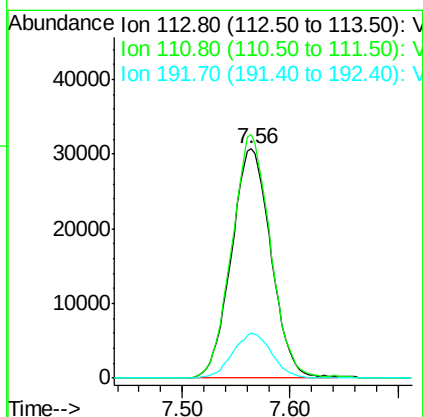
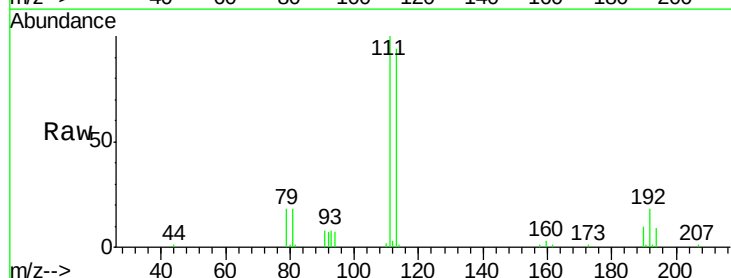
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

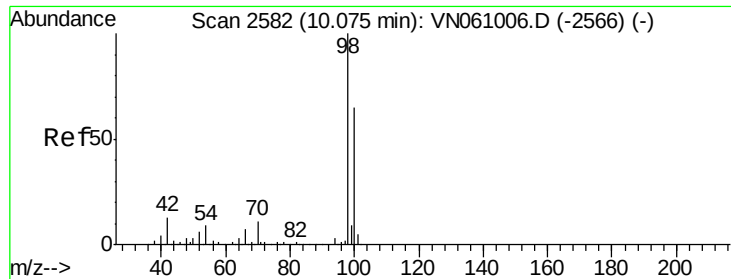
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.2
88	16.5	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 51.491 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN061049.D
 Acq: 17 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.2
192	19.2	15.5	23.3





#50

Toluene-d8

Concen: 55.784 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

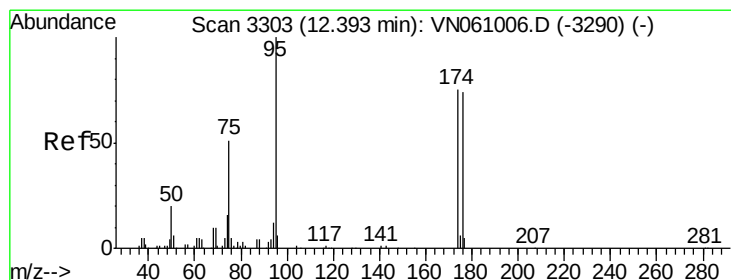
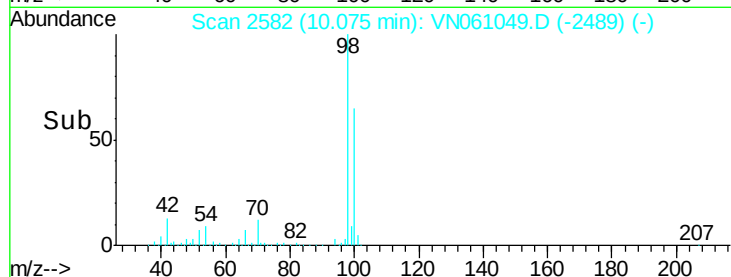
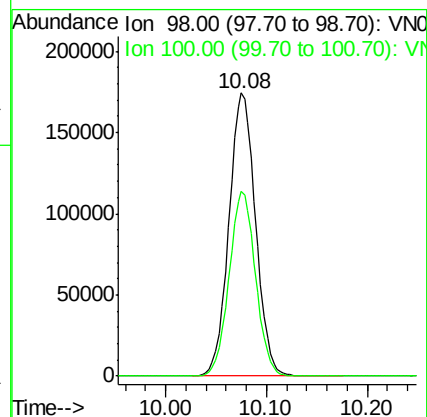
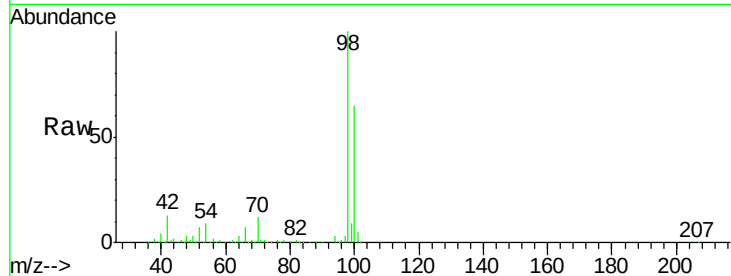
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 98 Resp: 321135

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.207 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

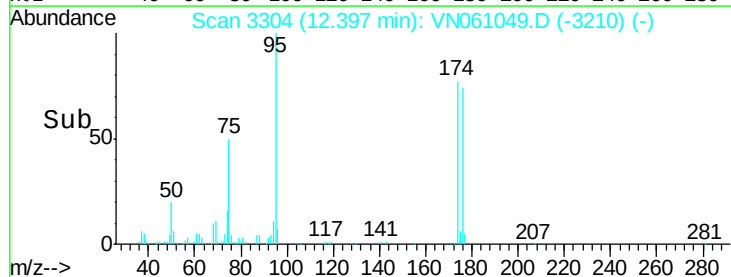
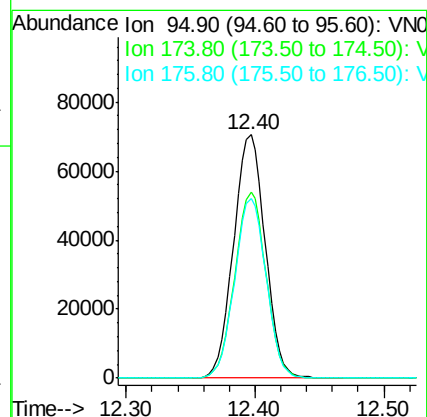
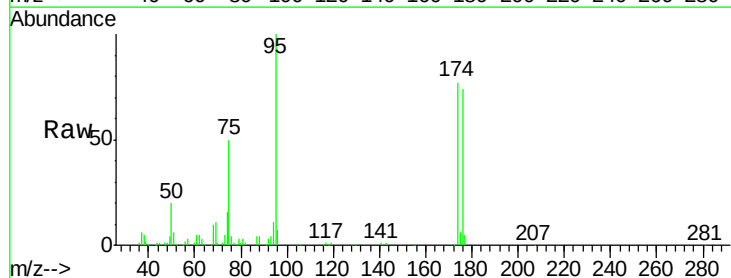
Tgt Ion: 95 Resp: 120048

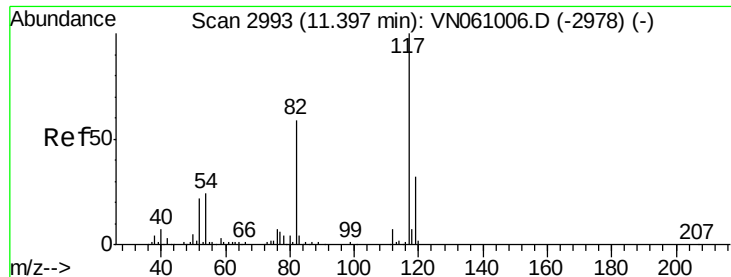
Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.2

176 73.5 0.0 148.2

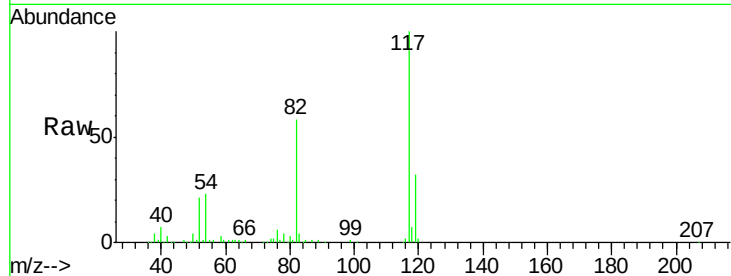




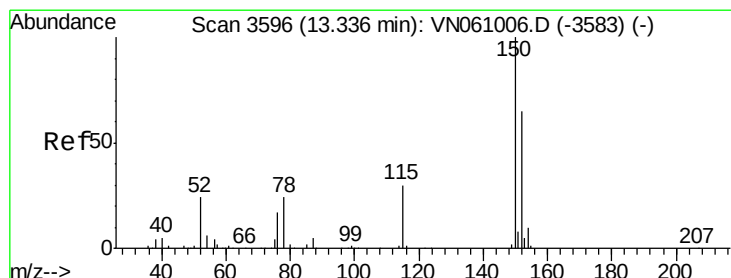
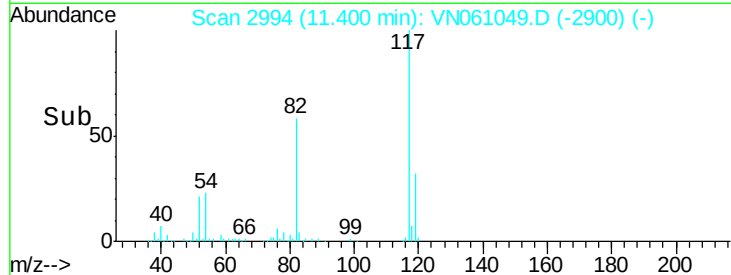
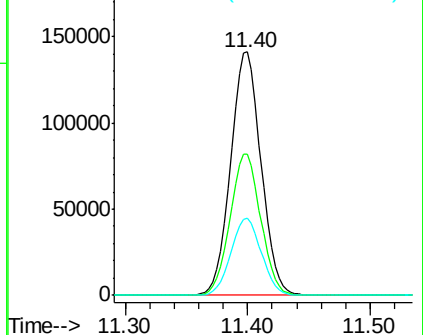
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061049.D
Acq: 17 Apr 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

Tot Ion:117 Resp: 244469
Ion Ratio Lower Upper
117 100
82 58.0 47.1 70.7
119 31.6 25.7 38.5

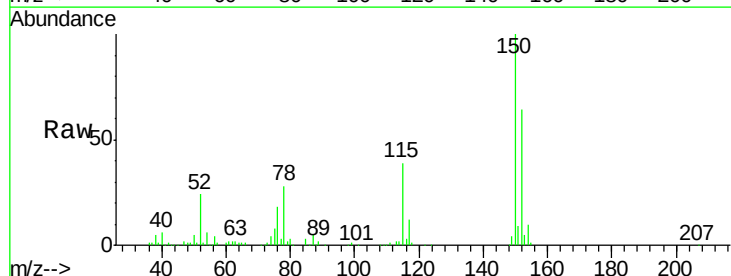


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061049.D
Acq: 17 Apr 2020 14:37

Tgt Ion:152 Resp: 105480
Ion Ratio Lower Upper
152 100
115 60.8 30.8 92.4
150 156.8 0.0 349.0



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

