

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061045.D
 Acq On : 17 Apr 2020 13:06
 Operator : JC/MD
 Sample : L2231-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 20 02:54:23 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	157497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	266861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	251261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108162	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	105811	52.51	ug/l	0.00
Spiked Amount						
			Recovery	=	105.02%	
35) Dibromofluoromethane	7.56	113	79148	50.79	ug/l	0.00
Spiked Amount						
			Recovery	=	101.58%	
50) Toluene-d8	10.08	98	329623	55.97	ug/l	0.00
Spiked Amount						
			Recovery	=	111.94%	
62) 4-Bromofluorobenzene	12.39	95	122786	53.20	ug/l	0.00
Spiked Amount						
			Recovery	=	106.40%	

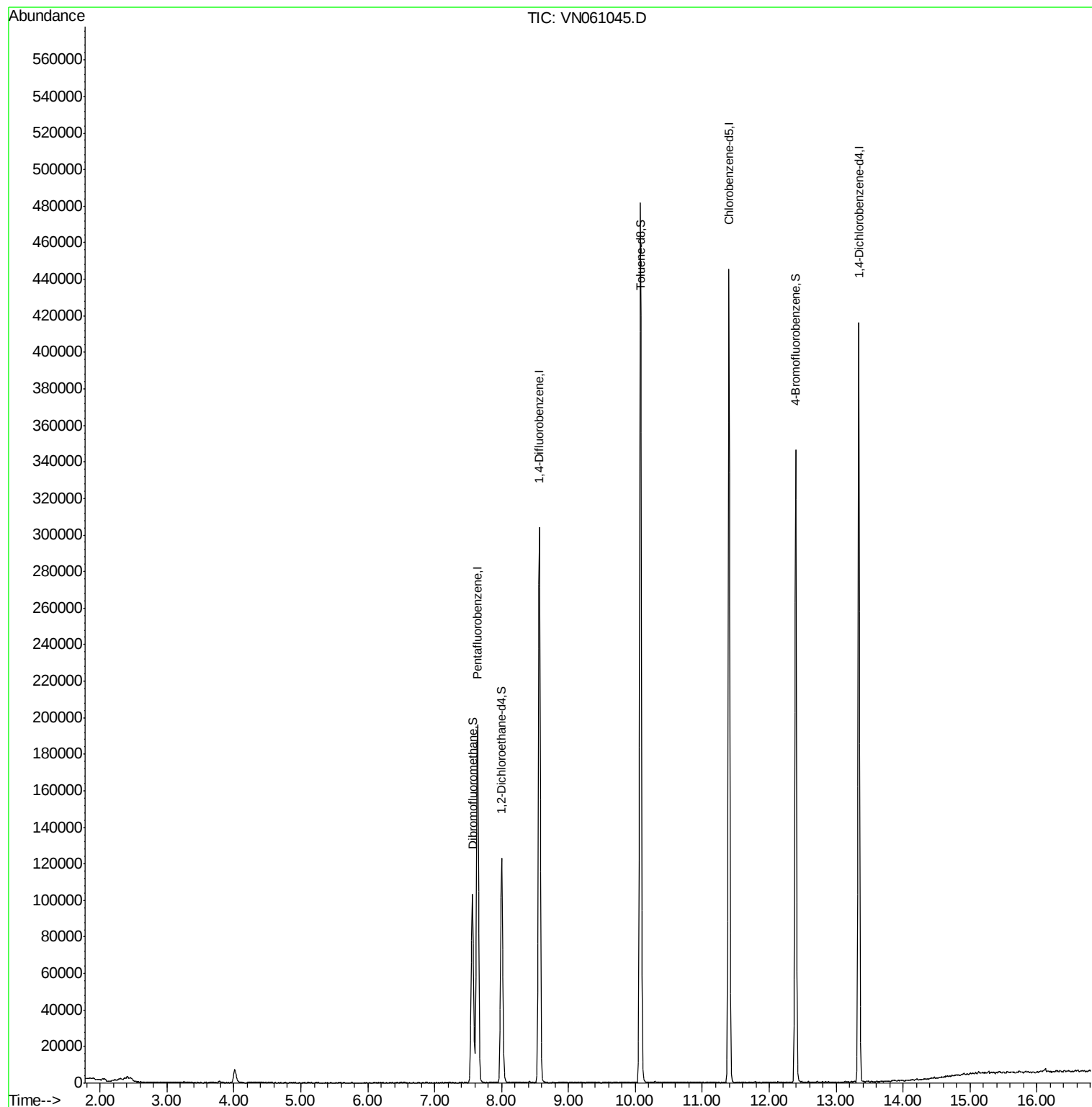
Target Compounds	Qvalue

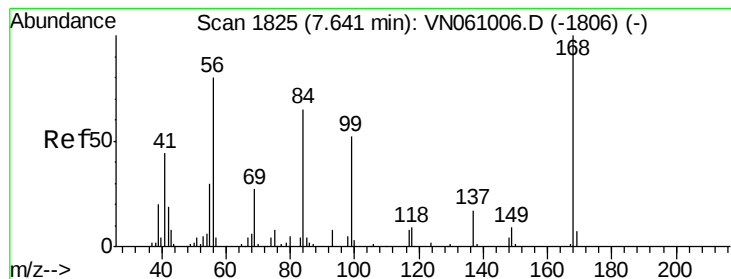
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061045.D

Acq: 17 Apr 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

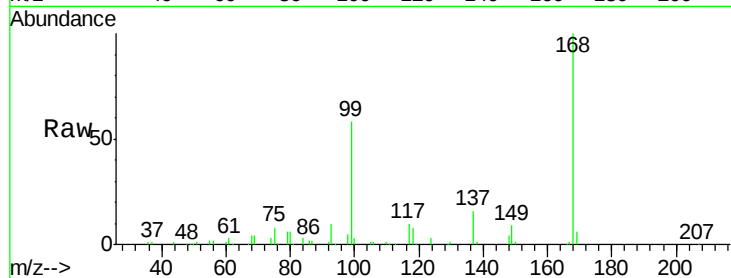
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 157497

Ion Ratio Lower Upper

168 100

99 57.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

60000

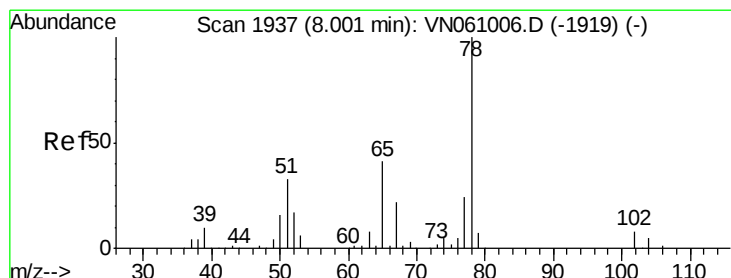
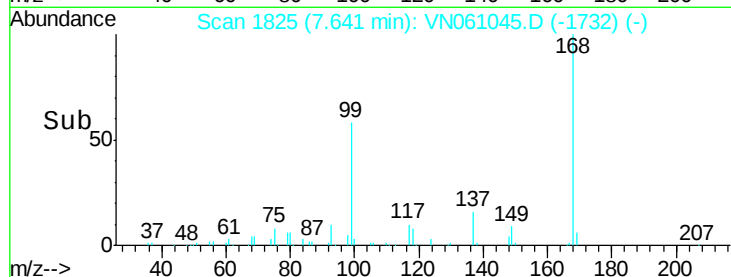
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.510 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061045.D

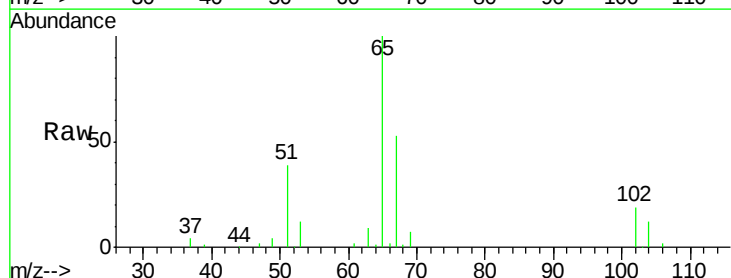
Acq: 17 Apr 2020 13:06

Tgt Ion: 65 Resp: 105811

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)

8.00

50000

40000

30000

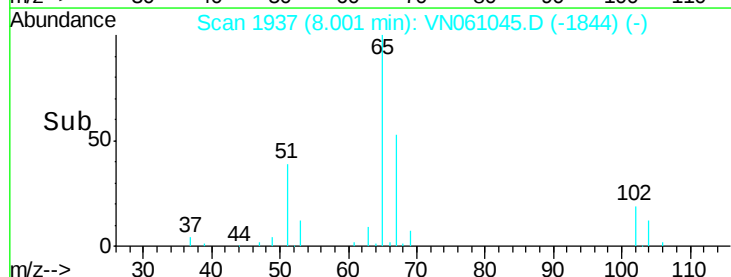
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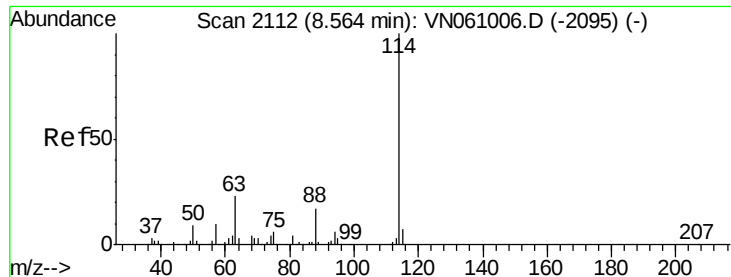
10000

0

7.90 8.00 8.10

Time-->

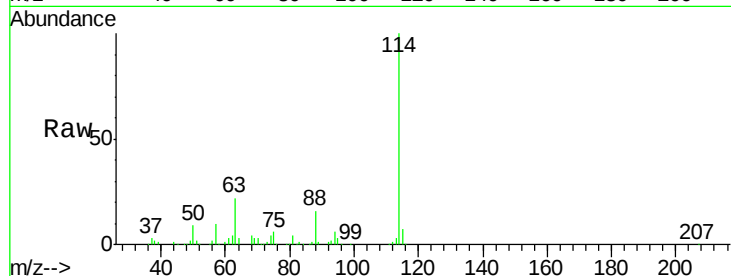




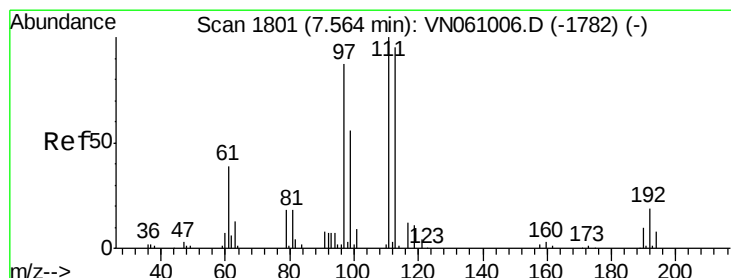
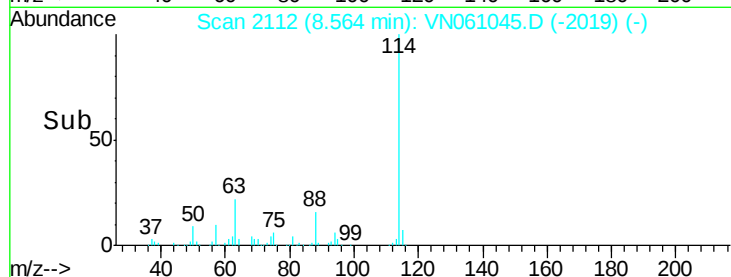
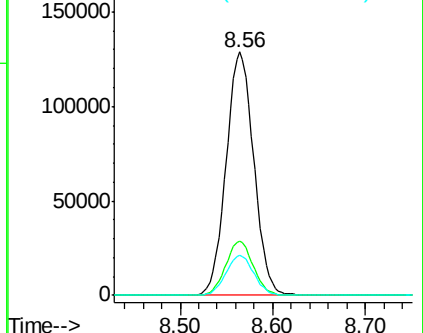
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

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

Tot Ion:114 Resp: 266861
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.2
 88 16.3 0.0 33.4

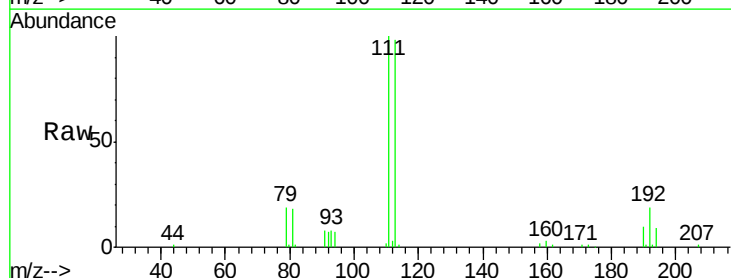


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

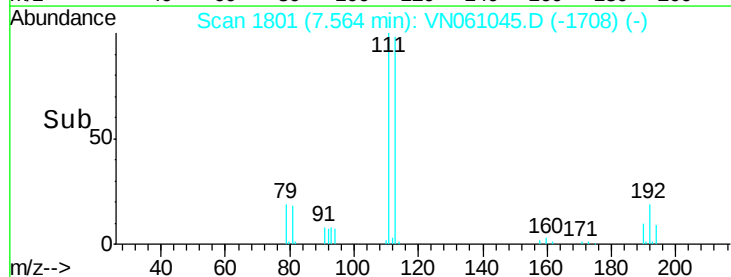
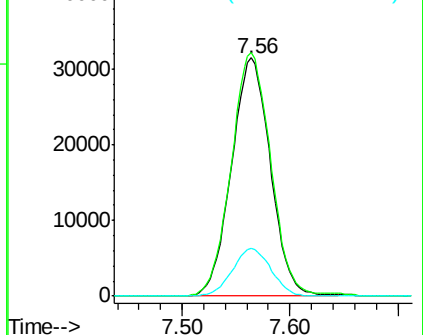


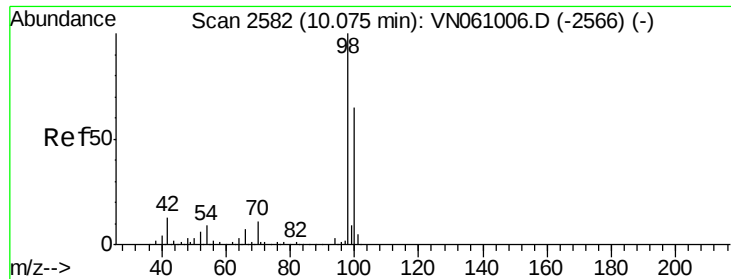
#35
 Dibromofluoromethane
 Concen: 50.787 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

Tgt Ion:113 Resp: 79148
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.4 125.2
 192 19.8 15.5 23.3



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: 55.973 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061045.D

Acq: 17 Apr 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

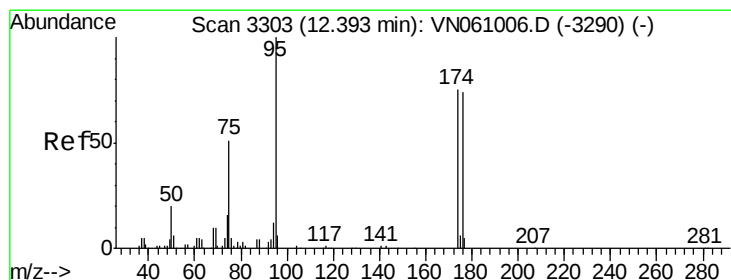
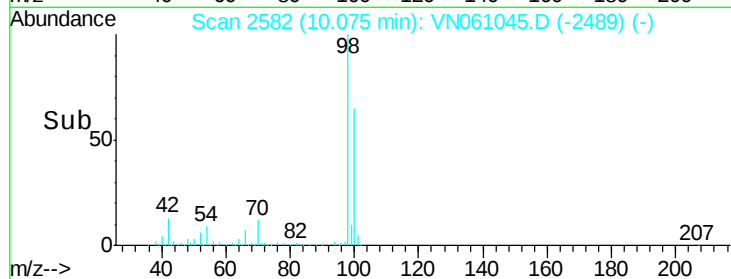
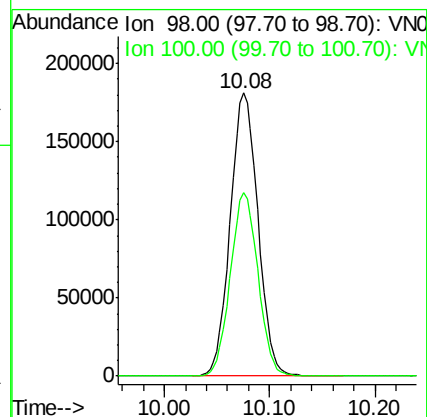
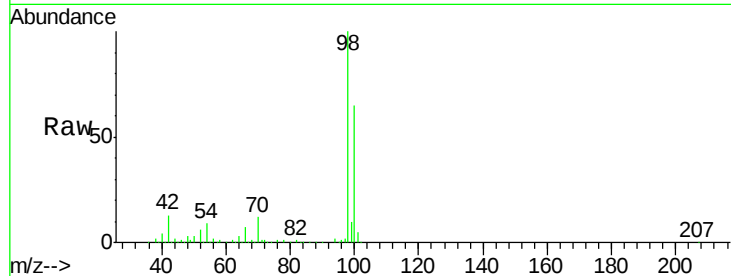
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 98 Resp: 329623

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.198 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061045.D

Acq: 17 Apr 2020 13:06

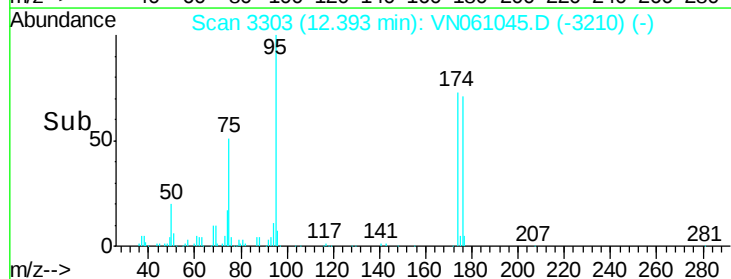
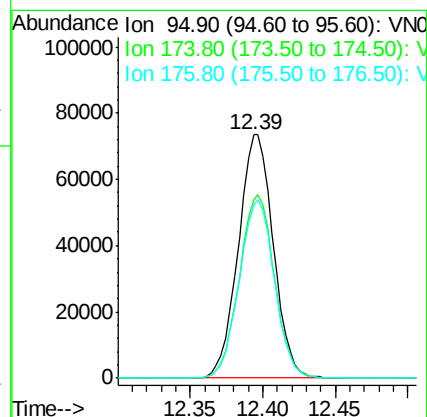
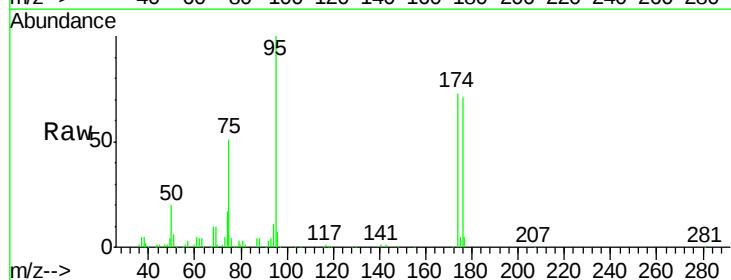
Tgt Ion: 95 Resp: 122786

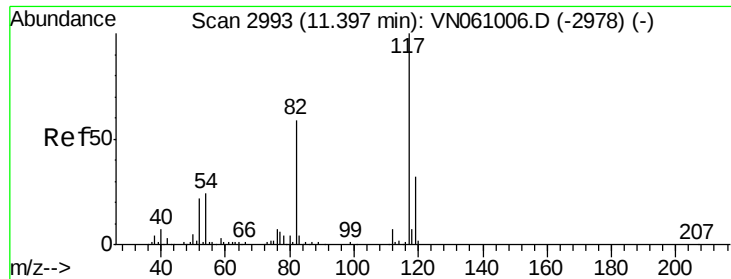
Ion Ratio Lower Upper

95 100

174 75.7 0.0 151.2

176 73.7 0.0 148.2

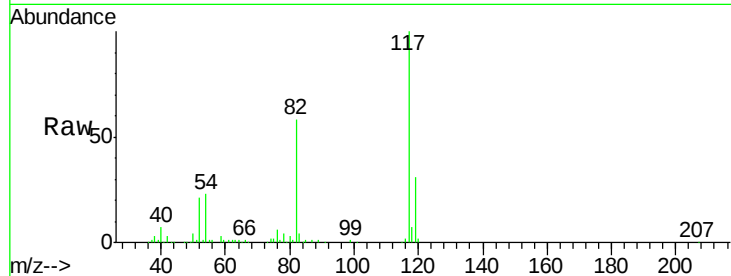




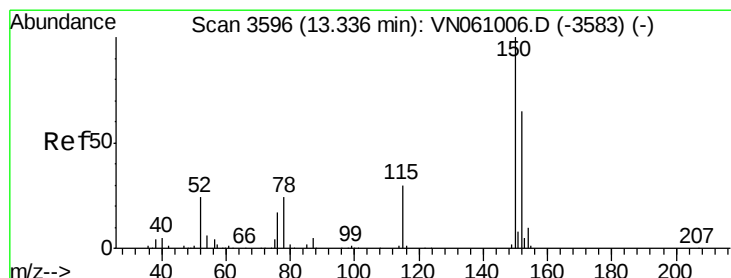
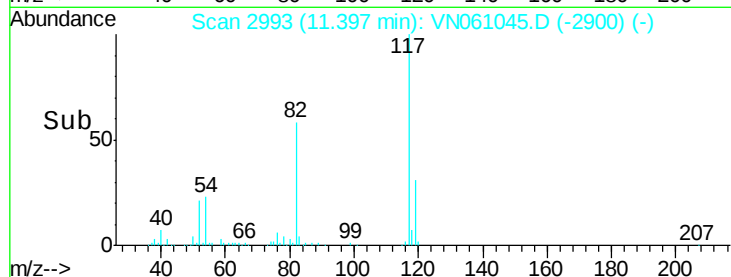
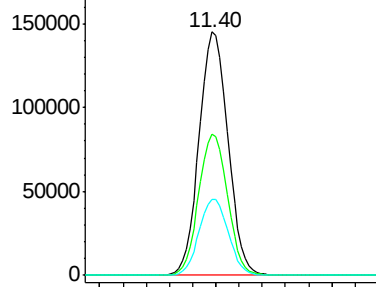
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061045.D
Acq: 17 Apr 2020 13:06

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

Tot Ion:117 Resp: 251261
Ion Ratio Lower Upper
117 100
82 57.8 47.1 70.7
119 31.2 25.7 38.5

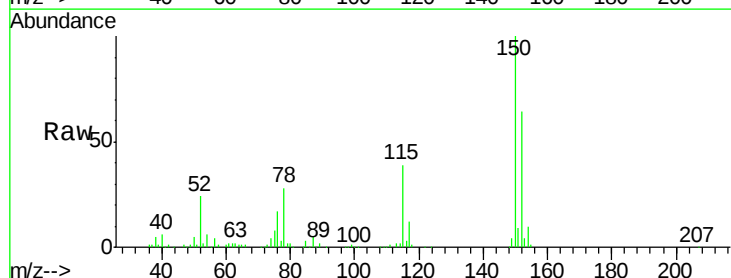


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061045.D
Acq: 17 Apr 2020 13:06

Tgt Ion:152 Resp: 108162
Ion Ratio Lower Upper
152 100
115 61.7 30.8 92.4
150 158.1 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

