

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061044.D
 Acq On : 17 Apr 2020 12:44
 Operator : JC/MD
 Sample : L2231-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: Apr 20 02:52:34 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	164819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	275373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110733	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	109827	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	7.56	113	81936	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
50) Toluene-d8	10.08	98	338836	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	12.39	95	124546	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

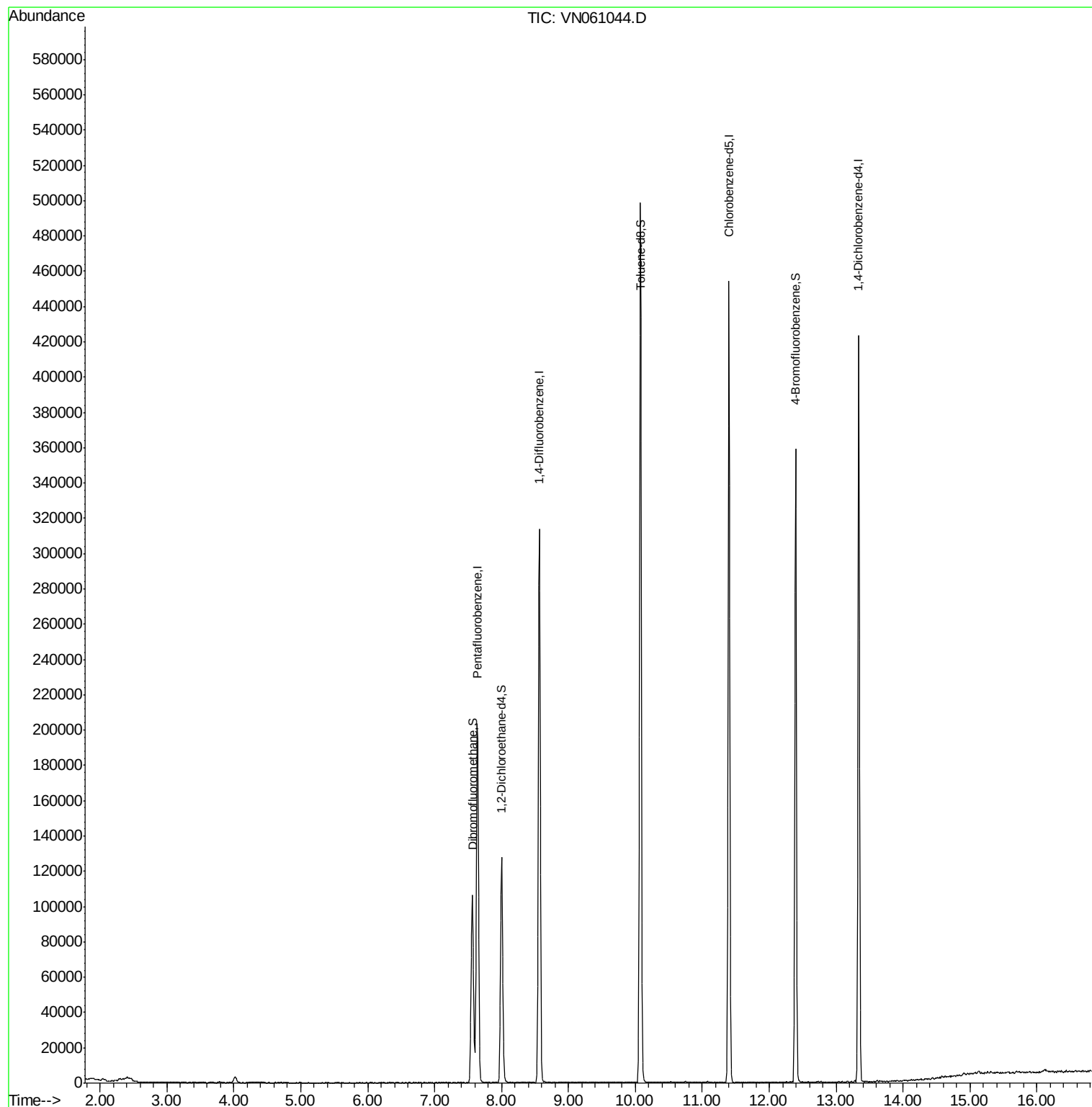
Target Compounds	Qvalue
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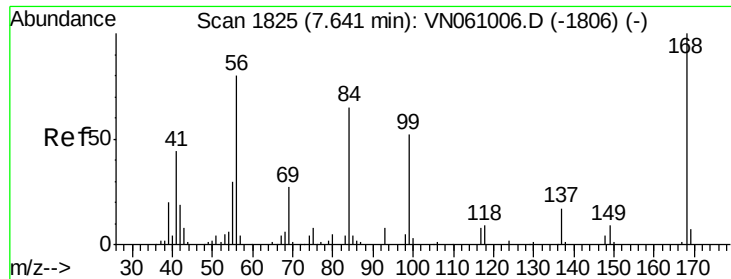
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061044.D

Acq: 17 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

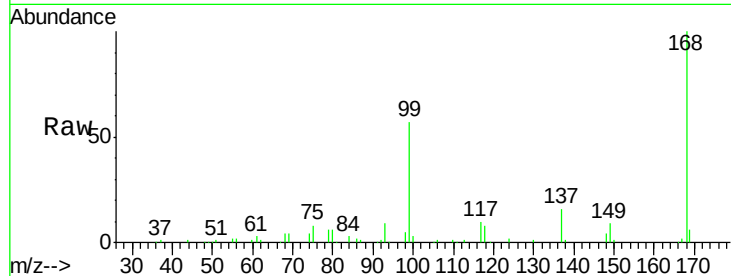
STORAGE-BLANK-SOIL-REF-5

Tot Ion:168 Resp: 164819

Ion Ratio Lower Upper

168 100

99 56.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

60000

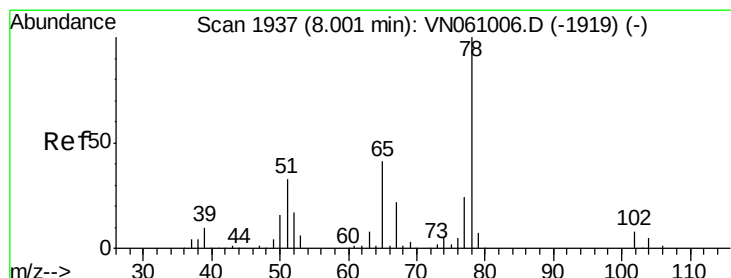
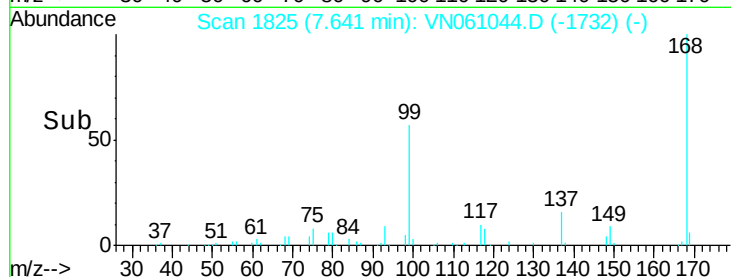
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.082 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061044.D

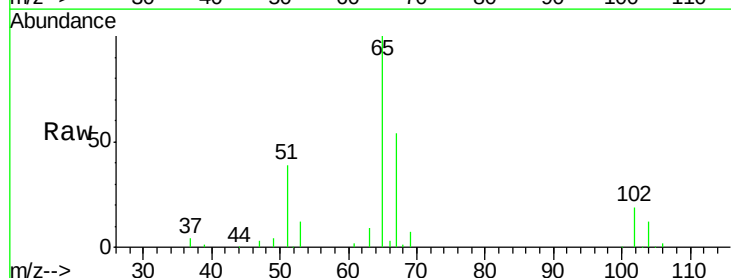
Acq: 17 Apr 2020 12:44

Tgt Ion: 65 Resp: 109827

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

50000

40000

30000

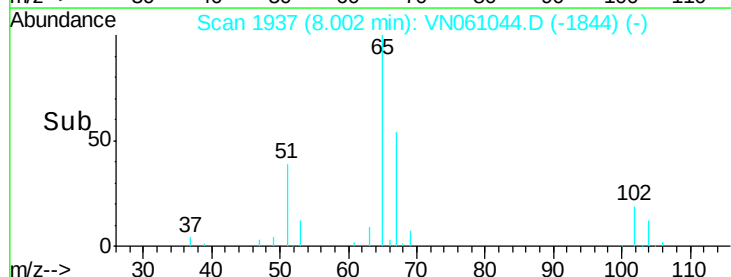
20000

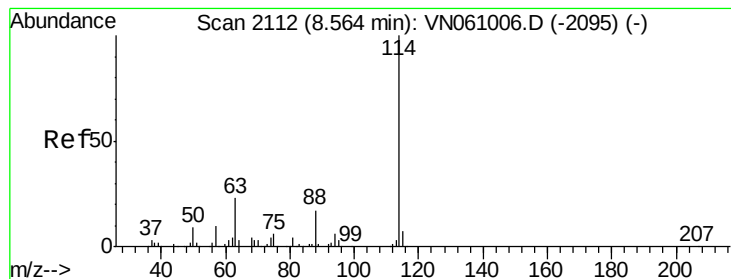
10000

0

7.90 7.95 8.00 8.05 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: VN061044.D

Acq: 17 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

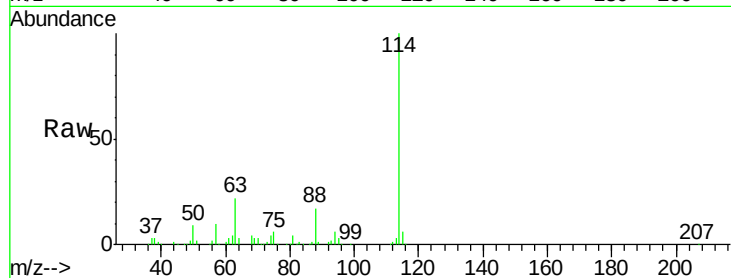
Tot Ion:114 Resp: 275373

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

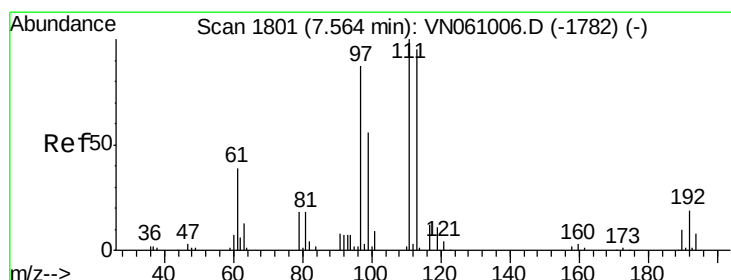
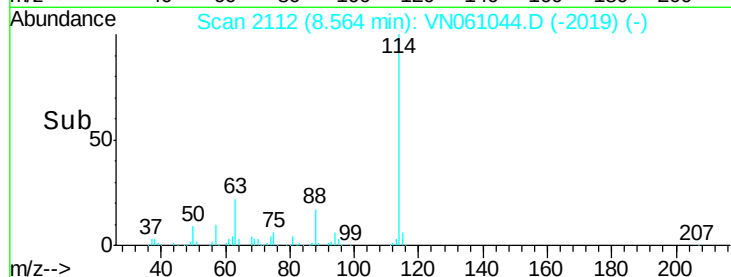
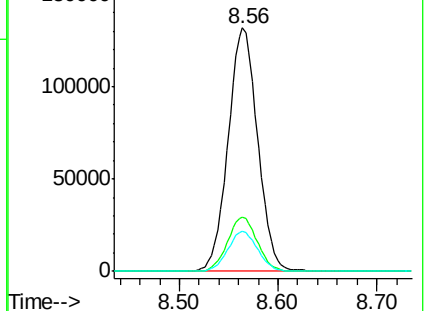
88 16.5 0.0 33.4



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: 50.951 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061044.D

Acq: 17 Apr 2020 12:44

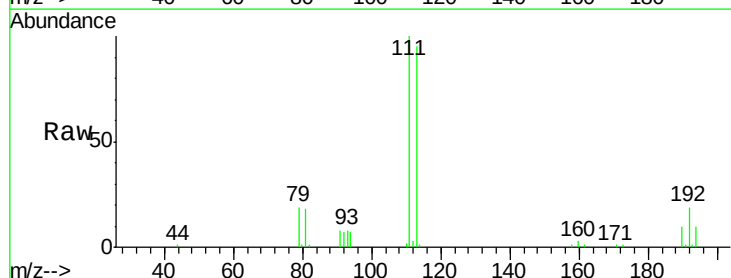
Tgt Ion:113 Resp: 81936

Ion Ratio Lower Upper

113 100

111 104.7 83.4 125.2

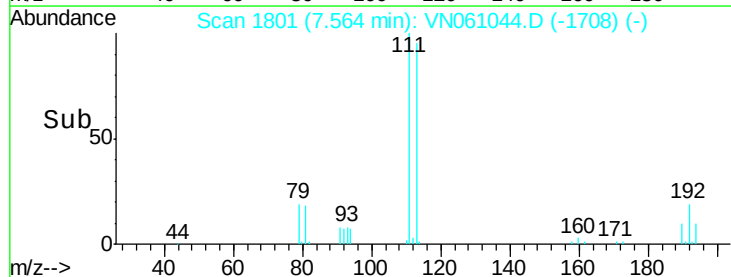
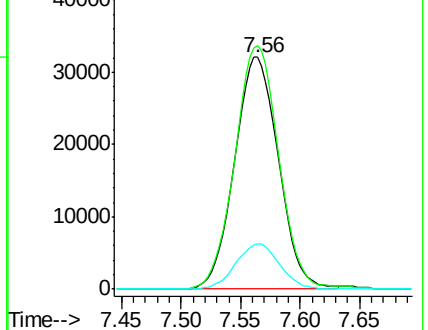
192 19.4 15.5 23.3

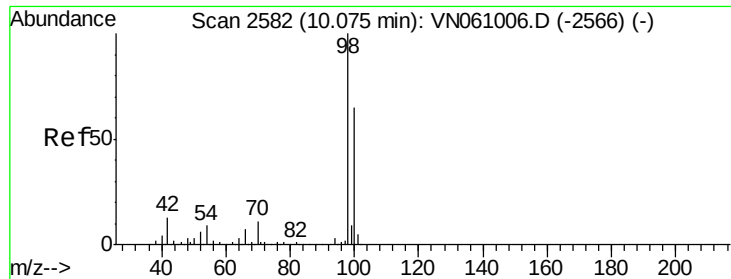


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.759 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061044.D

Acq: 17 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

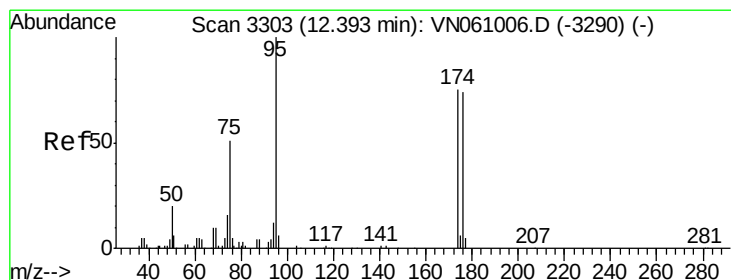
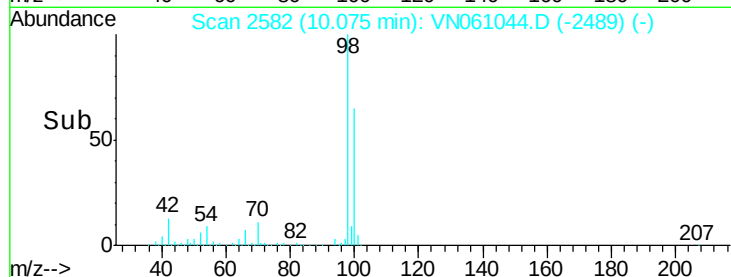
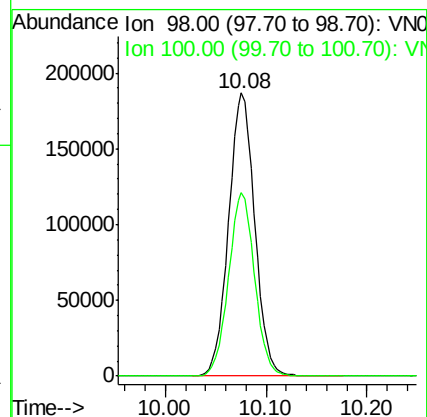
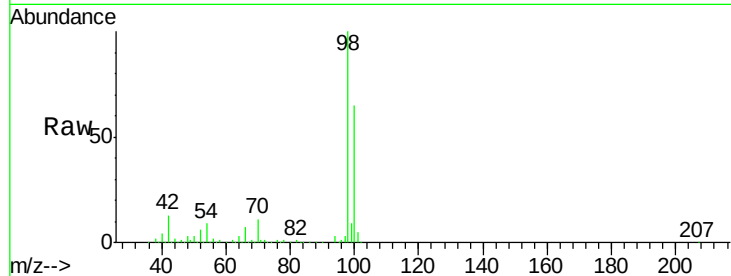
STORAGE-BLANK-SOIL-REF-5

Tot Ion: 98 Resp: 338836

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.293 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061044.D

Acq: 17 Apr 2020 12:44

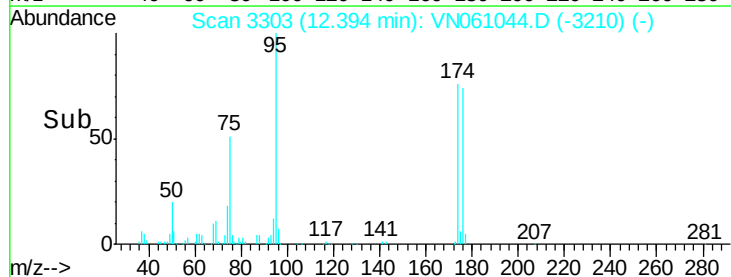
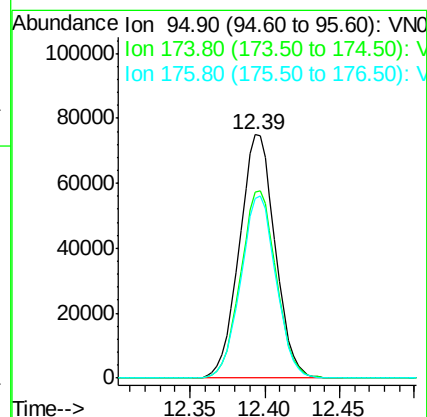
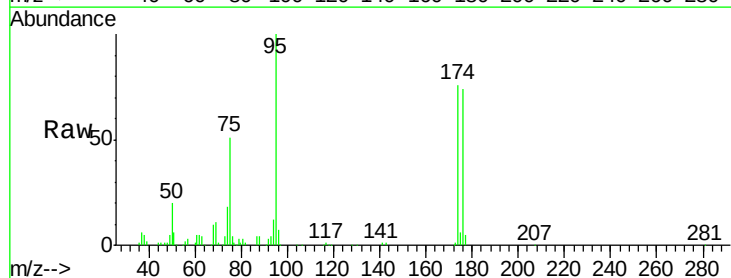
Tgt Ion: 95 Resp: 124546

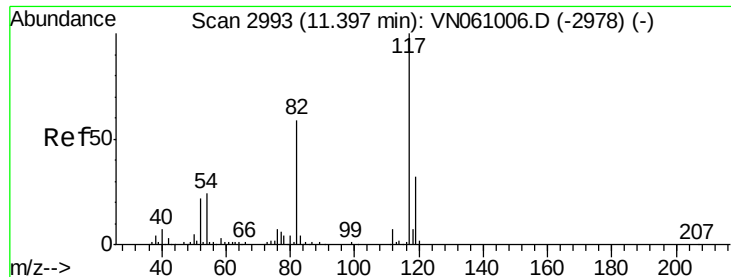
Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.2

176 73.7 0.0 148.2

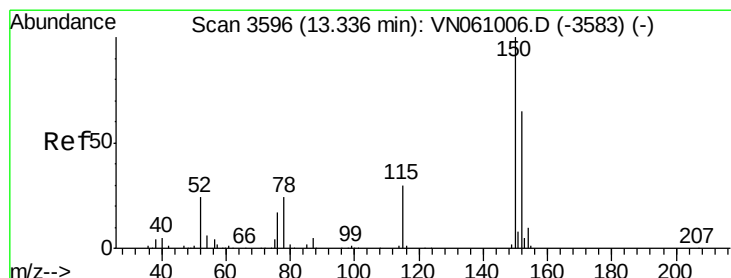
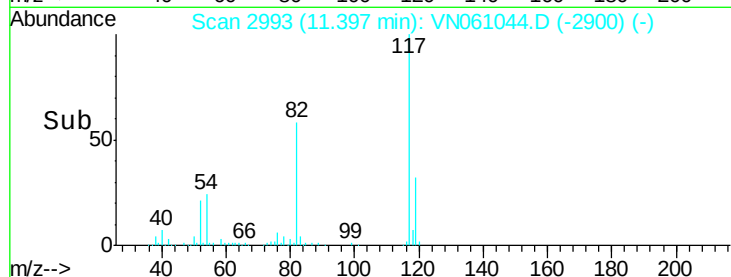
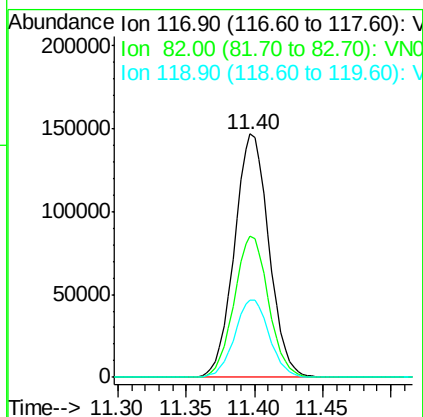
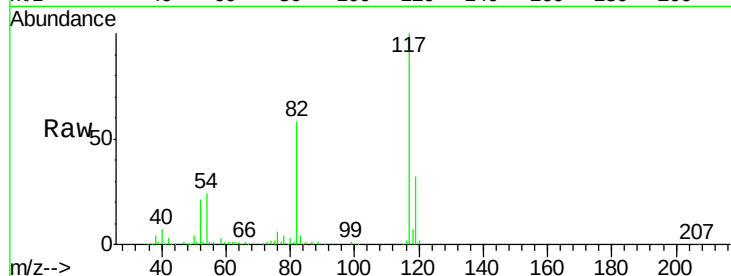




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061044.D
Acq: 17 Apr 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

Tot Ion:117 Resp: 257418
Ion Ratio Lower Upper
117 100
82 58.2 47.1 70.7
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061044.D
Acq: 17 Apr 2020 12:44

Tgt Ion:152 Resp: 110733
Ion Ratio Lower Upper
152 100
115 60.4 30.8 92.4
150 158.1 0.0 349.0

