

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061564.D
 Acq On : 29 May 2020 14:01
 Operator : JC/MD
 Sample : L2803-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 30 06:32:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	255759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183252	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	160230	52.58	ug/l	0.00
Spiked Amount						
			Recovery	=	105.16%	
35) Dibromofluoromethane	7.55	113	130493	56.21	ug/l	0.00
Spiked Amount						
			Recovery	=	112.42%	
50) Toluene-d8	10.06	98	552264	51.34	ug/l	0.00
Spiked Amount						
			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.38	95	198157	50.49	ug/l	0.00
Spiked Amount						
			Recovery	=	100.98%	

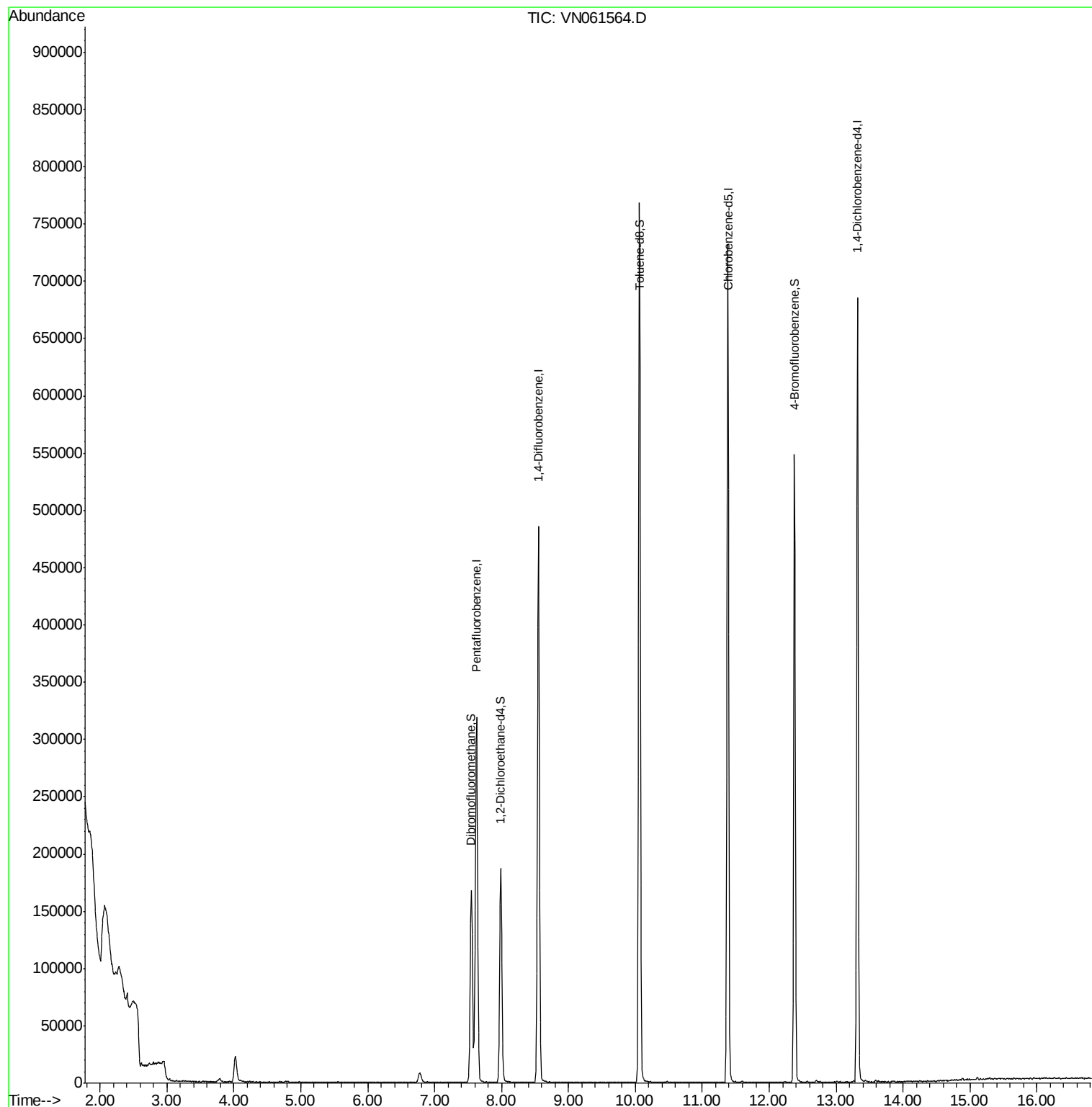
Target Compounds	Qvalue

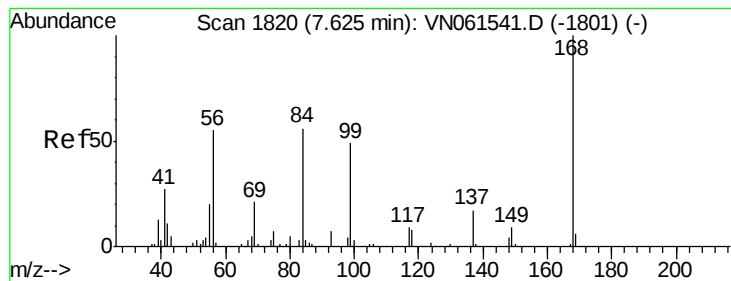
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061564.D

Acq: 29 May 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

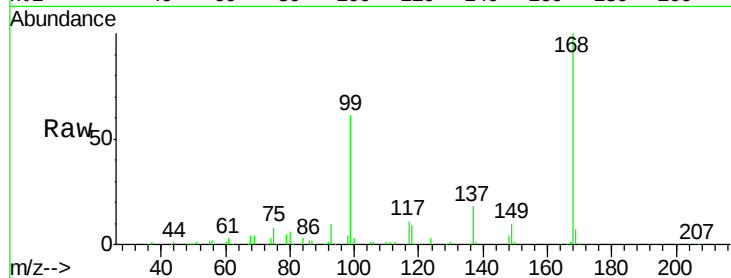
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 255759

Ion Ratio Lower Upper

168 100

99 61.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

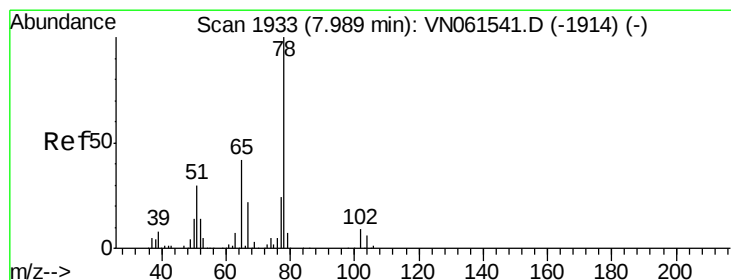
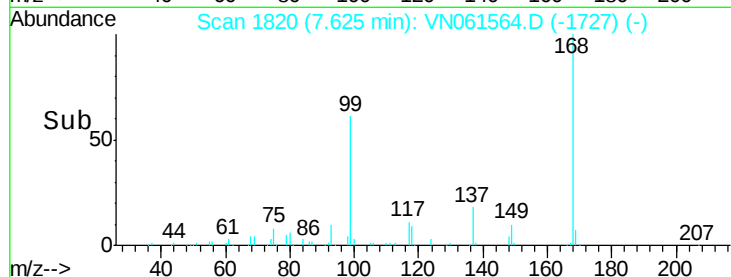
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 52.583 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061564.D

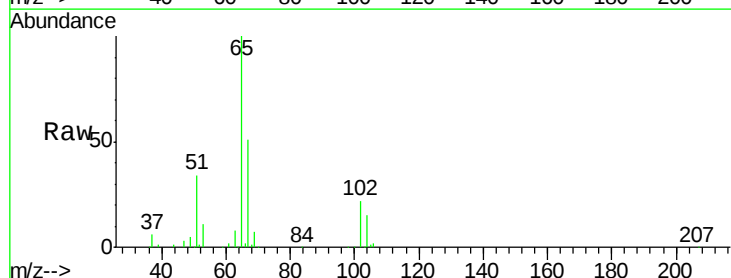
Acq: 29 May 2020 14:01

Tgt Ion: 65 Resp: 160230

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

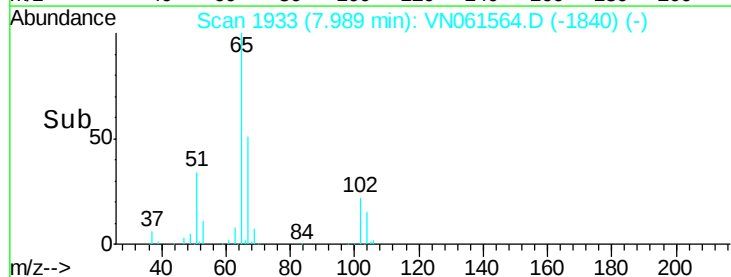
60000

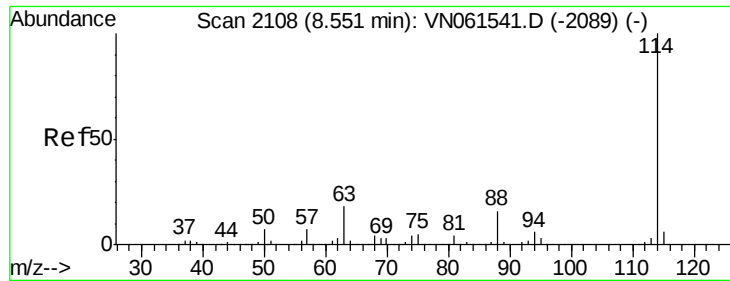
40000

20000

0

Time--> 7.90 8.00 8.10

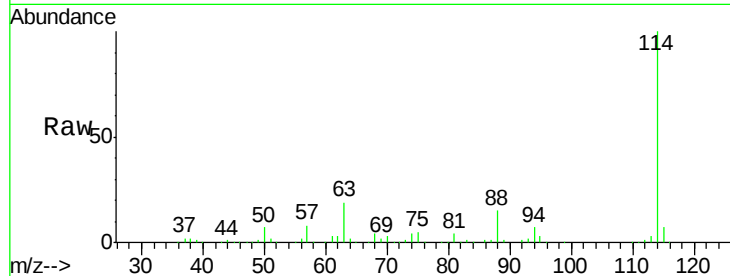




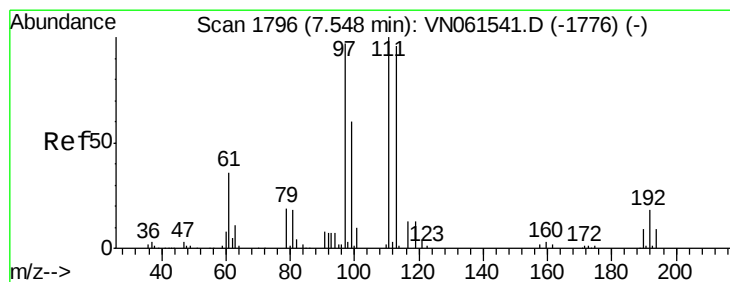
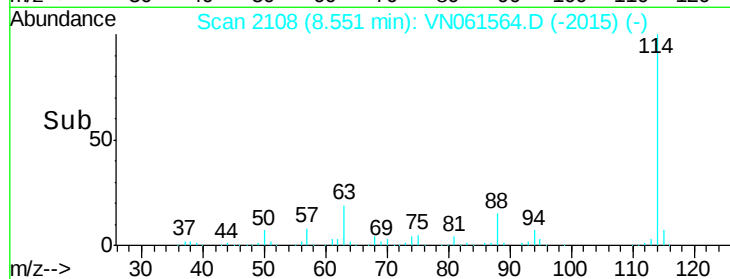
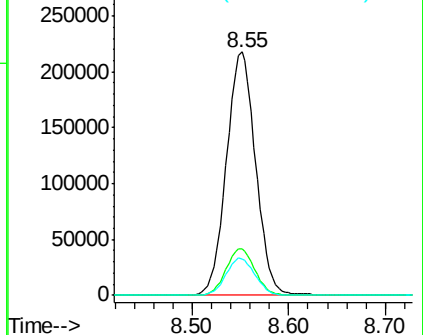
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061564.D
 Acq: 29 May 2020 14:01

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

Tot Ion:114 Resp: 457601
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.8
 88 15.1 0.0 31.0

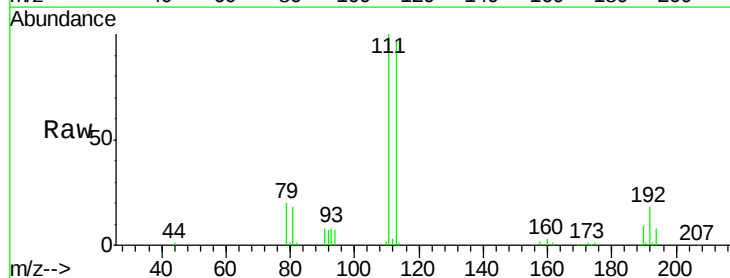


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

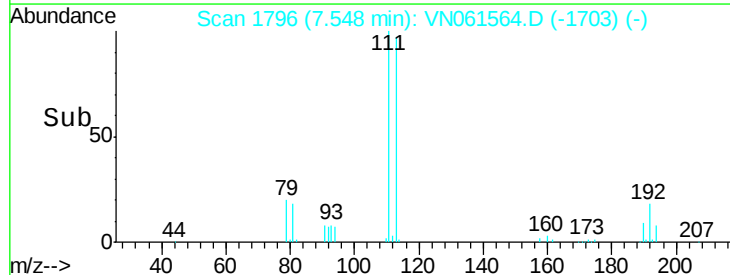
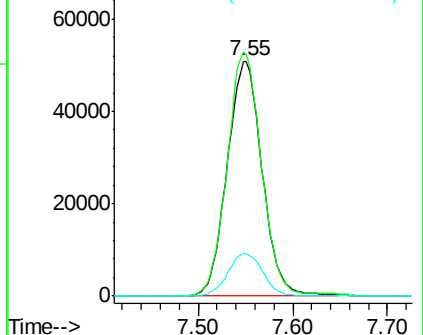


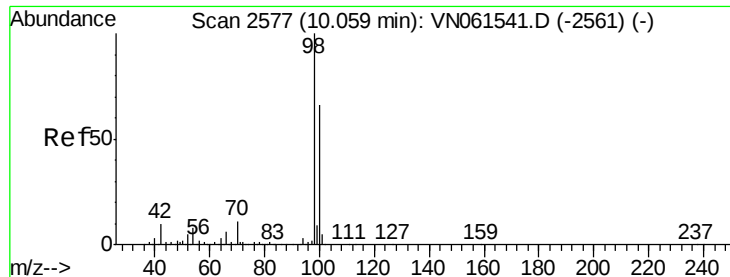
#35
 Dibromofluoromethane
 Concen: 56.215 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061564.D
 Acq: 29 May 2020 14:01

Tgt Ion:113 Resp: 130493
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.0
 192 18.1 15.4 23.2



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: 51.338 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061564.D

Acq: 29 May 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

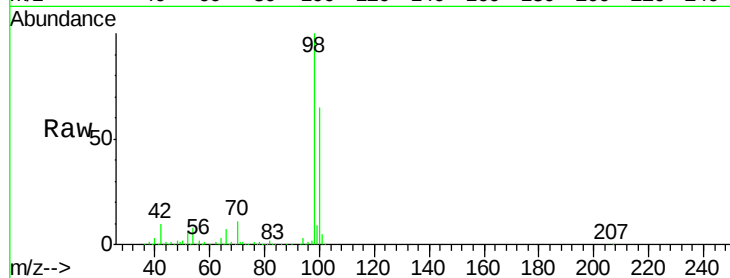
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 552264

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

300000

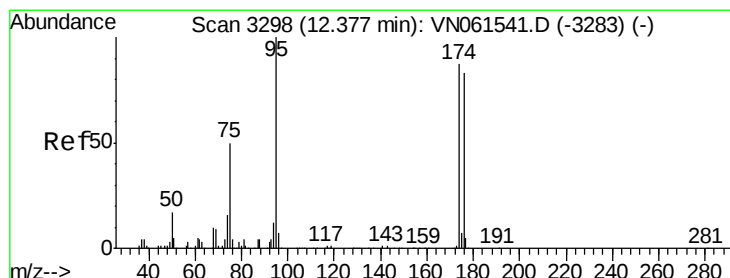
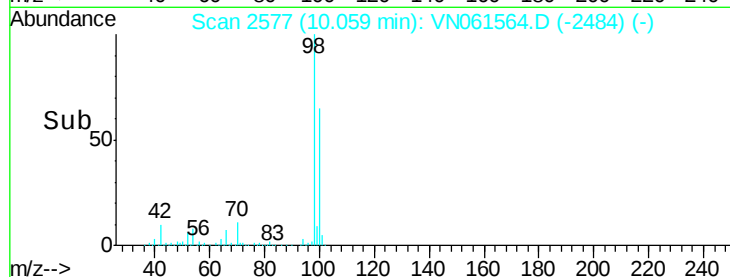
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 50.490 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061564.D

Acq: 29 May 2020 14:01

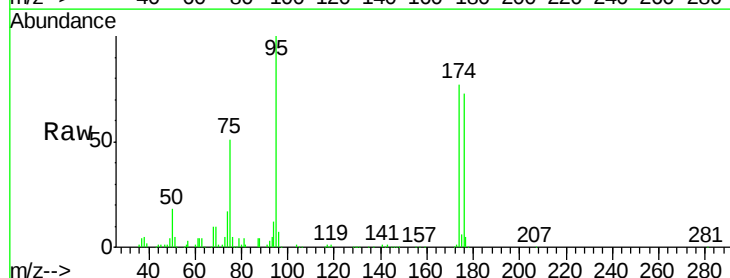
Tgt Ion: 95 Resp: 198157

Ion Ratio Lower Upper

95 100

174 76.3 0.0 172.8

176 72.4 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

12.38

150000

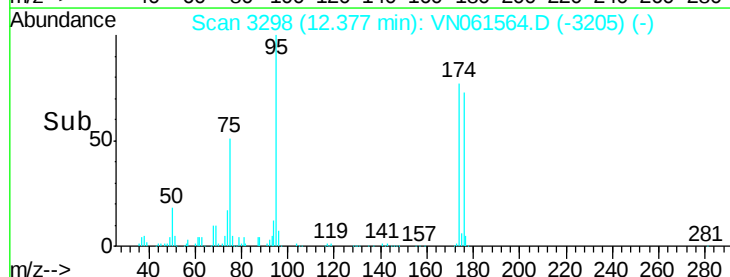
100000

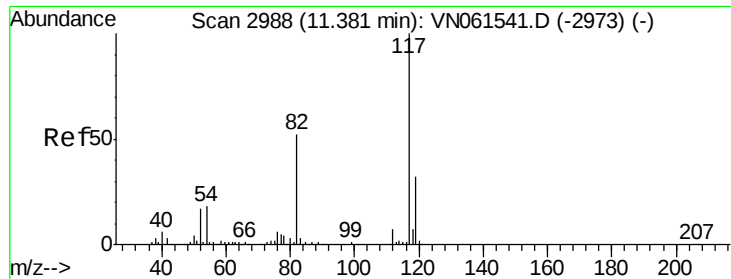
50000

0

12.30 12.40

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061564.D

Acq: 29 May 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

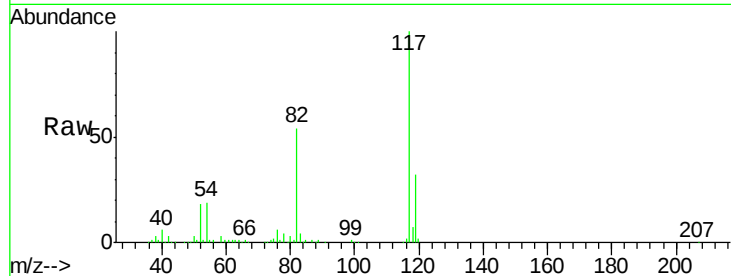
Tot Ion:117 Resp: 435927

Ion Ratio Lower Upper

117 100

82 54.5 41.5 62.3

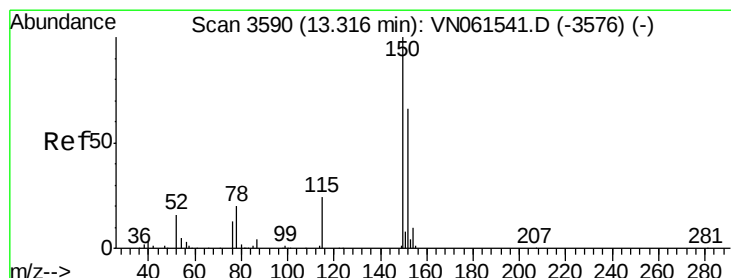
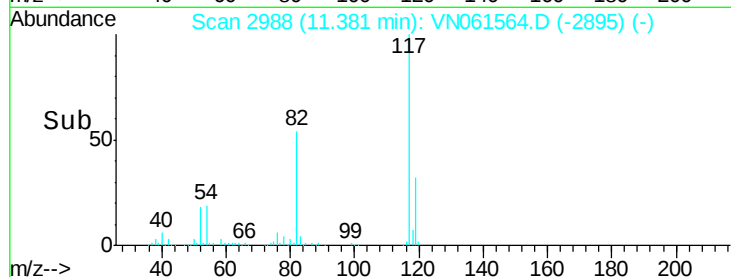
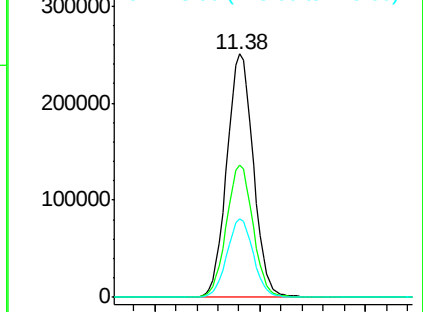
119 32.1 25.6 38.4



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061564.D

Acq: 29 May 2020 14:01

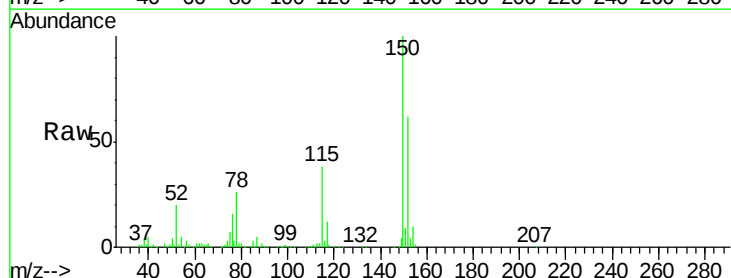
Tgt Ion:152 Resp: 183252

Ion Ratio Lower Upper

152 100

115 59.5 28.0 84.0

150 159.3 0.0 344.0



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

