

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062380.D
 Acq On : 6 Jul 2020 22:21
 Operator : JC/MD
 Sample : L3151-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-584-588

Quant Time: Jul 07 06:37:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

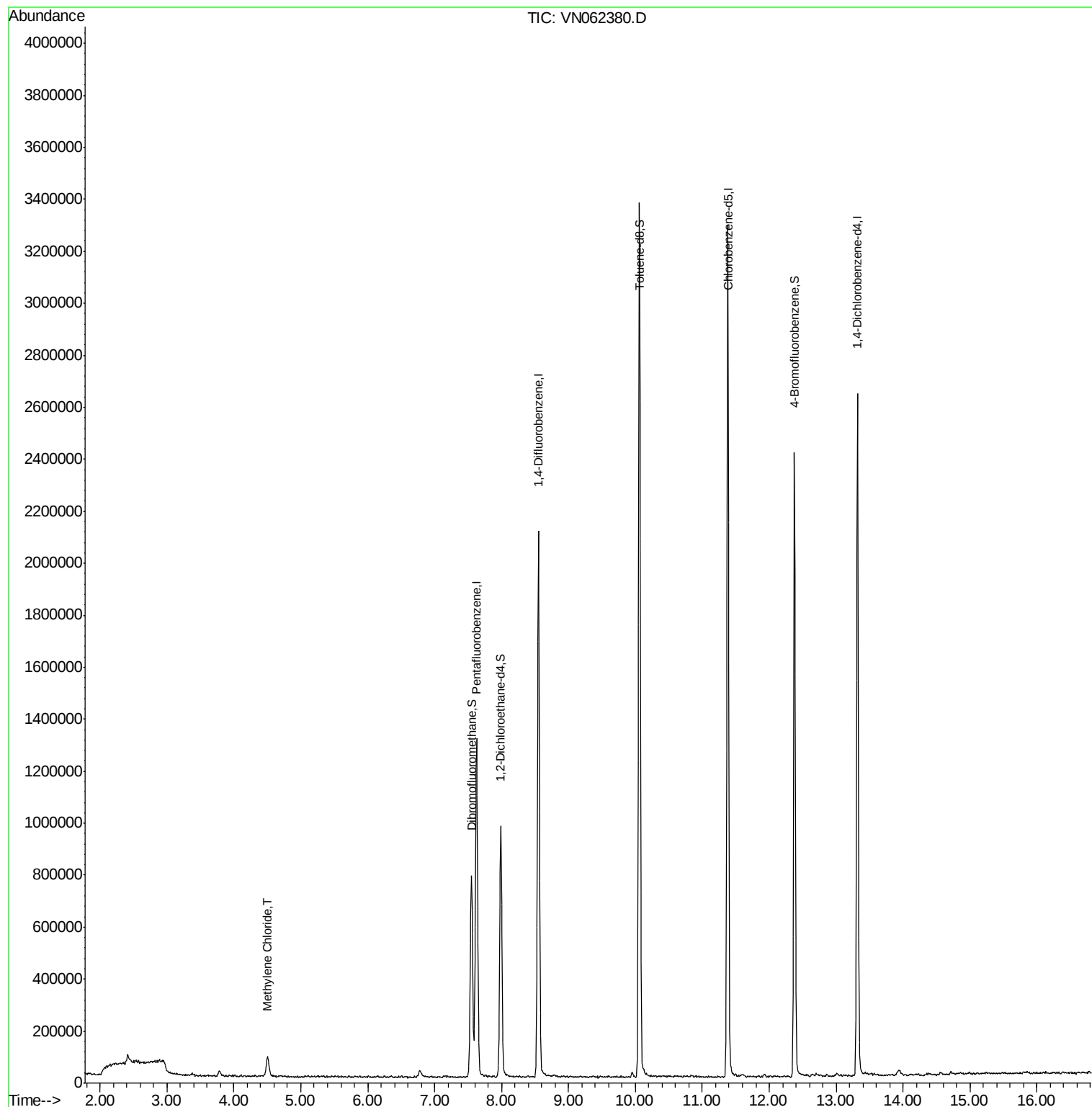
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	945826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1690519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1633290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	642243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	846911	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.55	113	572174	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
50) Toluene-d8	10.06	98	2173662	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.38	95	793474	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
20) Methylene Chloride	4.50	84	46855	2.665	ug/l	Qvalue 96

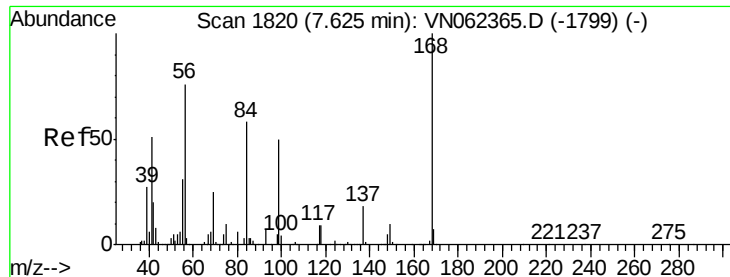
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062380.D

Acq: 6 Jul 2020 22:21

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MSVOA_N

ClientSampleId :

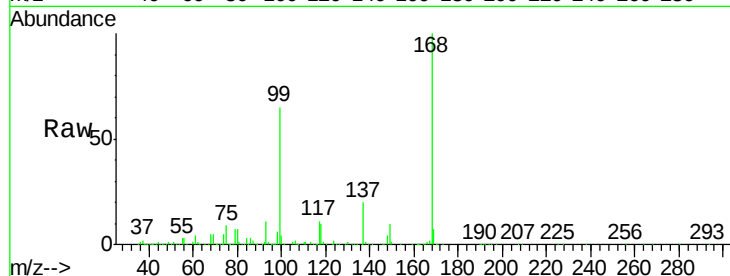
BP-MW180-SOIL-584-588

Tot Ion:168 Resp: 945826

Ion Ratio Lower Upper

168 100

99 64.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

400000

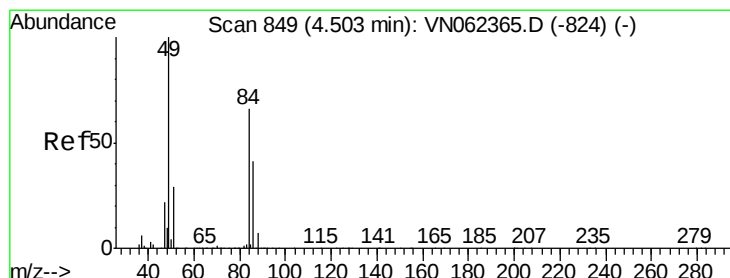
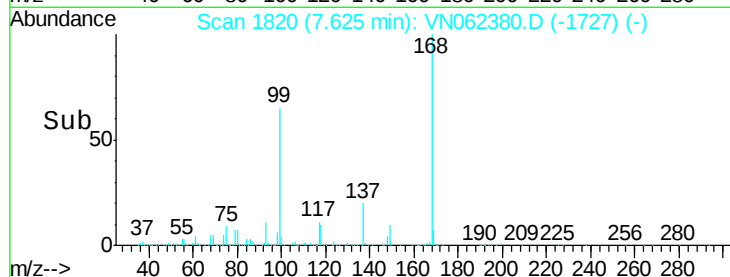
300000

200000

100000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 2.665 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062380.D

Acq: 6 Jul 2020 22:21

Tgt Ion: 84 Resp: 46855

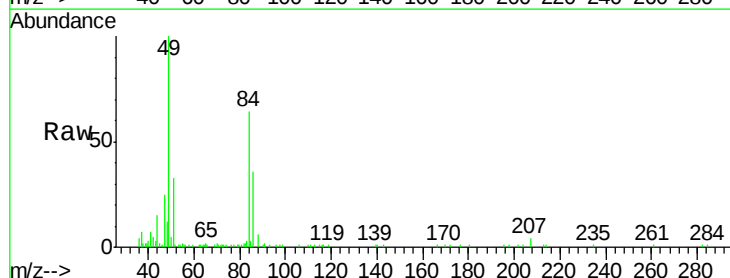
Ion Ratio Lower Upper

84 100

49 153.6 121.8 182.6

51 47.1 35.0 52.4

86 55.1 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

40000

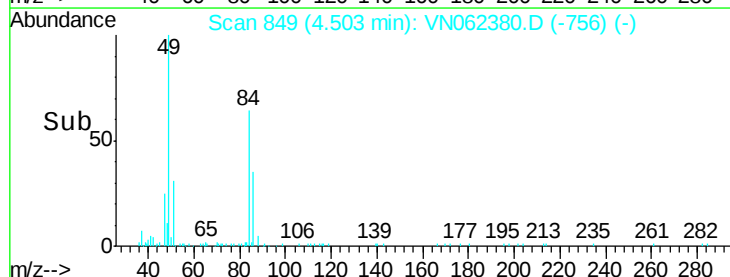
30000

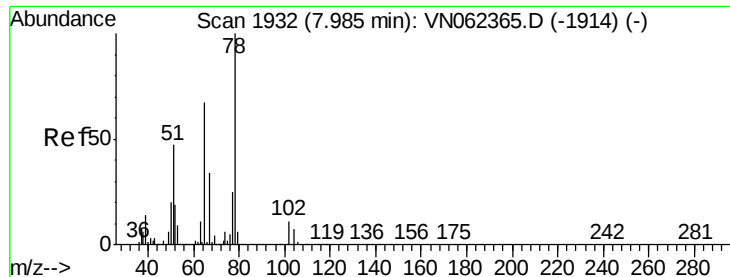
20000

10000

0

Time--> 4.40 4.50 4.60





#33

1,2-Dichloroethane-d4

Concen: 49.501 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062380.D

Acq: 6 Jul 2020 22:21

Instrument :

MSVOA_N

ClientSampleId :

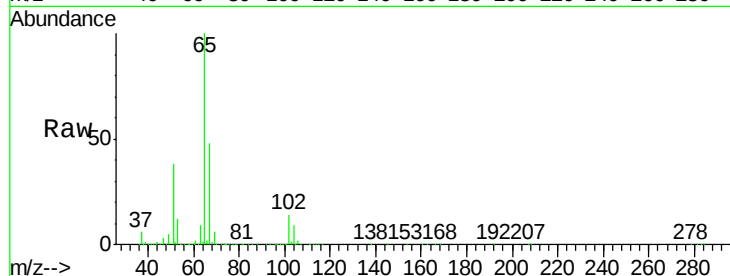
BP-MW180-SOIL-584-588

Tot Ion: 65 Resp: 846911

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN062380.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062380.D (-1839) (-)

7.99

400000

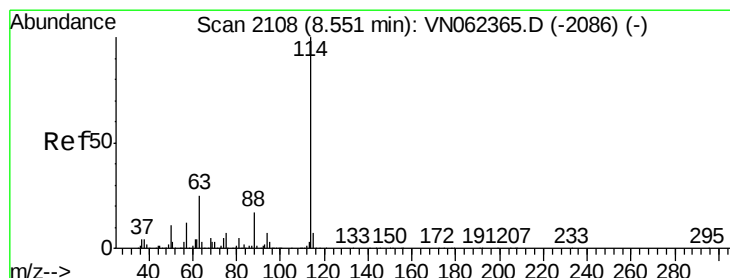
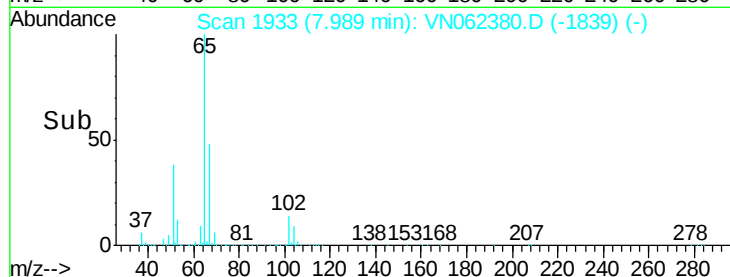
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062380.D

Acq: 6 Jul 2020 22:21

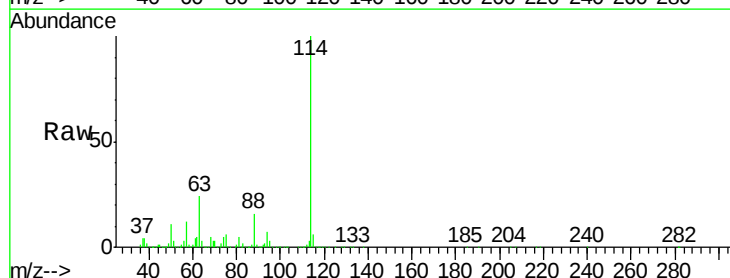
Tgt Ion: 114 Resp: 1690519

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.0

88 16.4 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN062380.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062380.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062380.D (-2015) (-)

8.55

1000000

800000

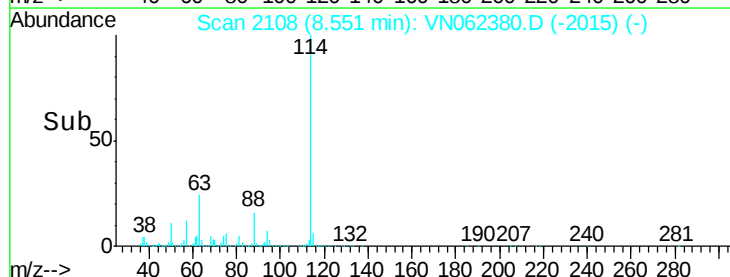
600000

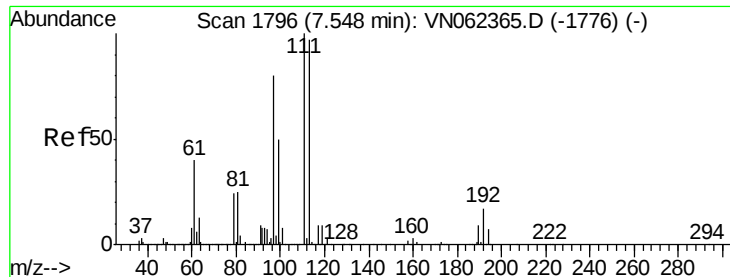
400000

200000

0

Time-->

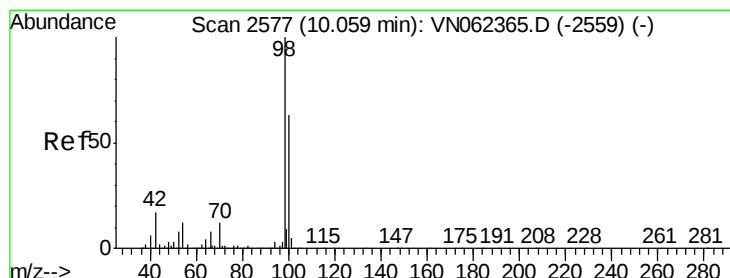
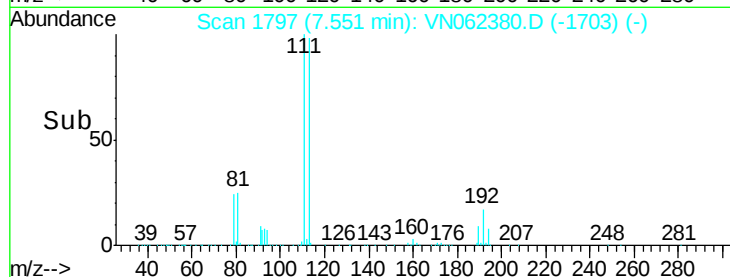
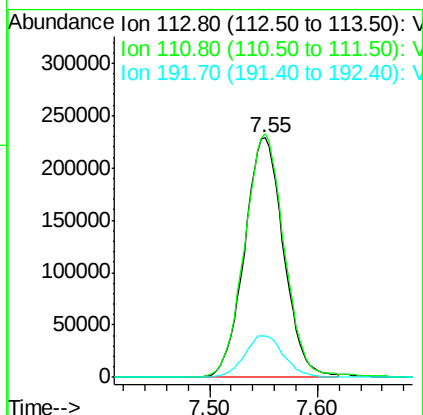
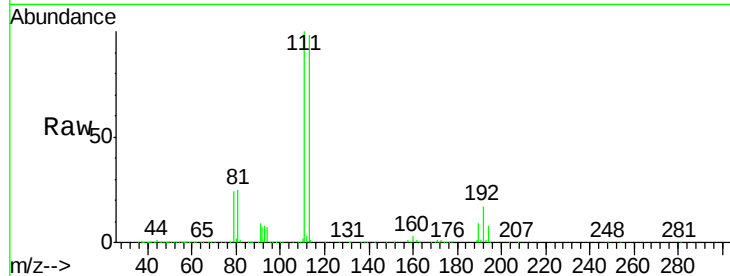




#35
 Dibromofluoromethane
 Concen: 49.613 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062380.D
 Acq: 6 Jul 2020 22:21

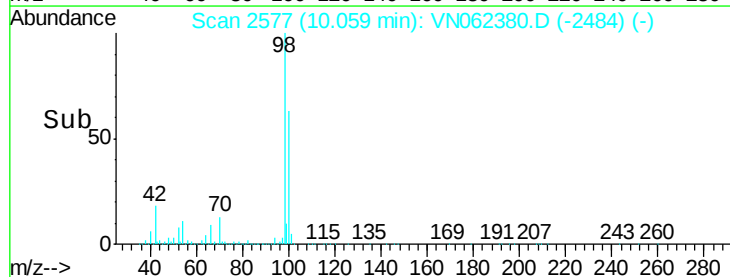
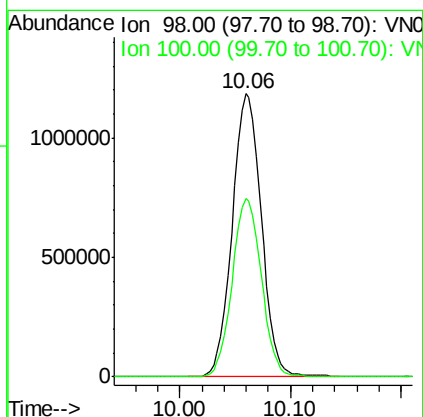
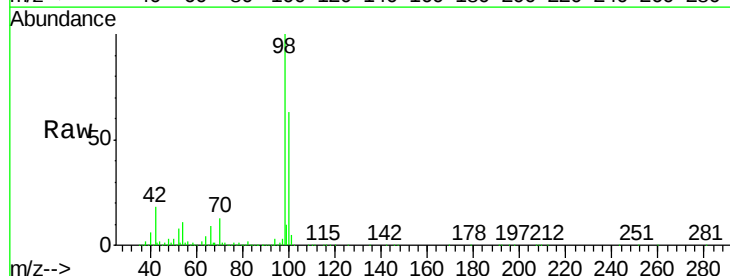
Instrument :
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 BP-MW180-SOIL-584-588

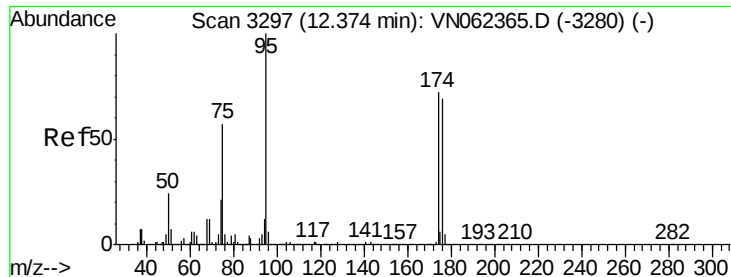
Tot Ion:113 Resp: 572174
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.2 124.8
 192 17.6 14.2 21.2



#50
 Toluene-d8
 Concen: 50.420 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062380.D
 Acq: 6 Jul 2020 22:21

Tgt Ion: 98 Resp: 2173662
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.2 75.2

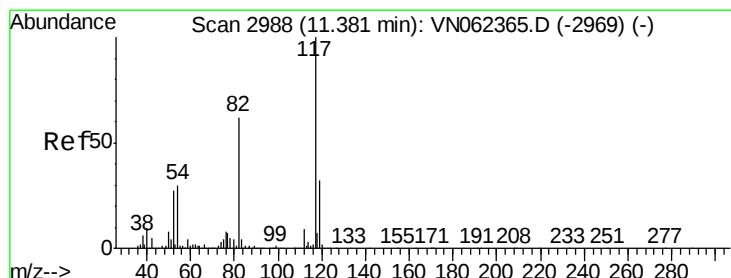
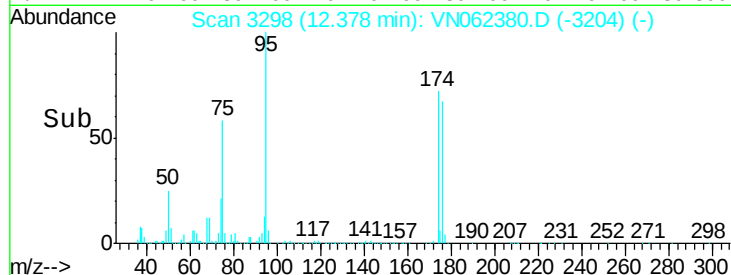
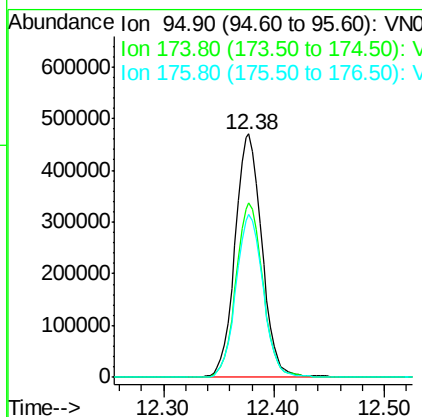
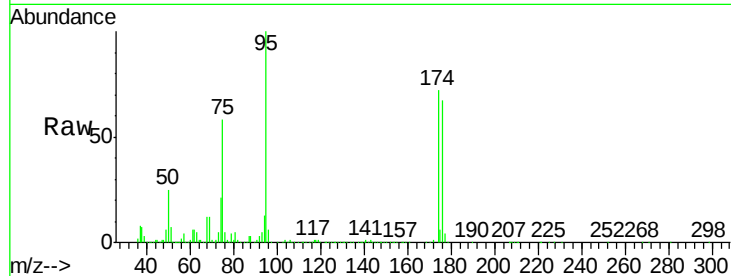




#62
4-Bromofluorobenzene
Concen: 48.057 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062380.D
Acq: 6 Jul 2020 22:21

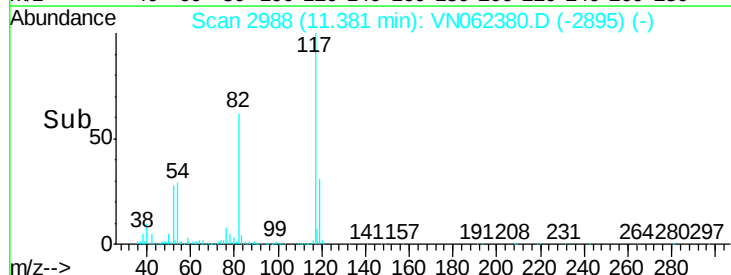
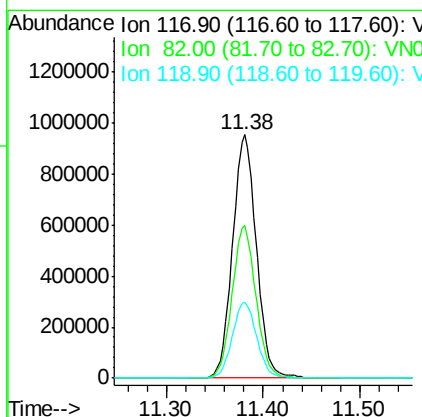
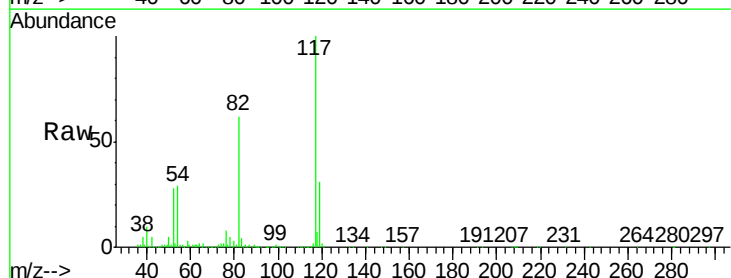
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-584-588

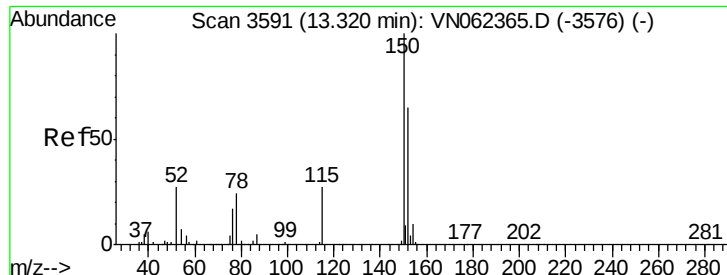
Tot Ion: 95 Resp: 793474
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.8
176 67.8 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062380.D
Acq: 6 Jul 2020 22:21

Tgt Ion: 117 Resp: 1633290
Ion Ratio Lower Upper
117 100
82 62.5 49.4 74.2
119 31.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062380.D

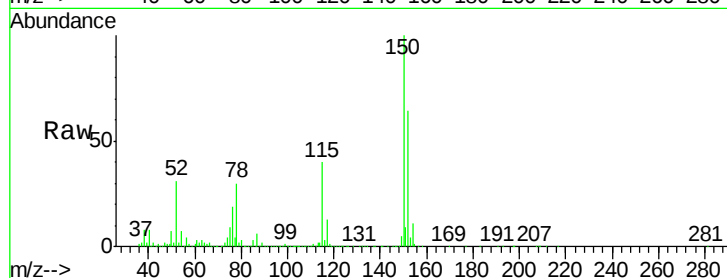
Acq: 6 Jul 2020 22:21

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-584-588



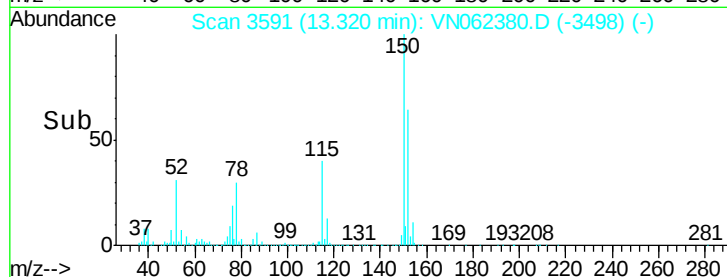
Tot Ion:152 Resp: 642243

Ion Ratio Lower Upper

152 100

115 63.2 30.5 91.5

150 156.8 0.0 346.8



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

800000

600000

400000

200000

0

13.32

13.30

13.40

Time-->