

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062215.D
 Acq On : 30 Jun 2020 3:23
 Operator : JC/MD
 Sample : L3136-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-574-578

Quant Time: Jun 30 06:34:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

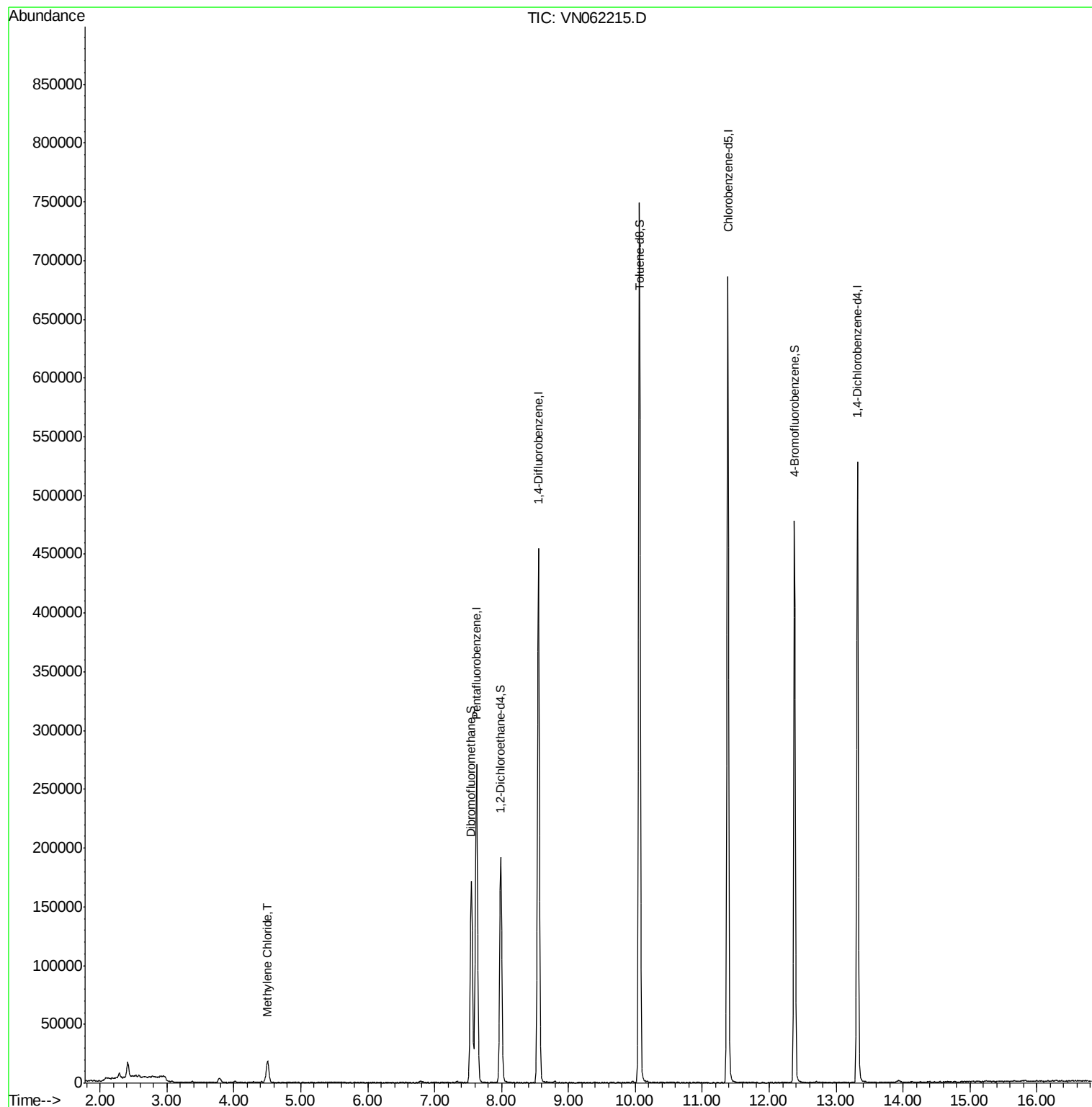
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	407166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	393593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	161869	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	7.55	113	132348	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.06	98	518709	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.38	95	167251	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
Target Compounds						
20) Methylene Chloride	4.51	84	13549	4.766	ug/l	Qvalue 97

(#) = 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

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Acq: 30 Jun 2020 3:23

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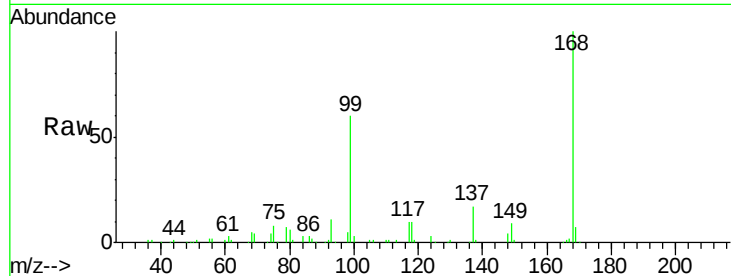
BP-MW180-SOIL-574-578

Tot Ion:168 Resp: 211958

Ion Ratio Lower Upper

168 100

99 60.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

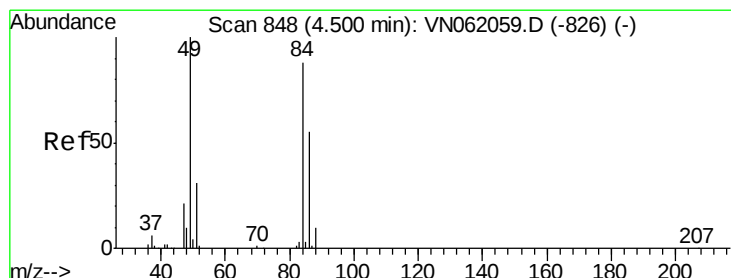
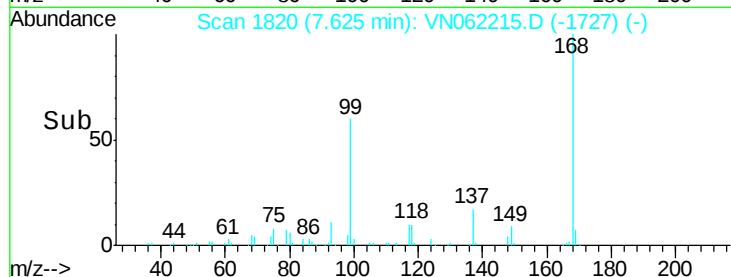
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 4.766 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN062215.D

Acq: 30 Jun 2020 3:23

Tgt Ion: 84 Resp: 13549

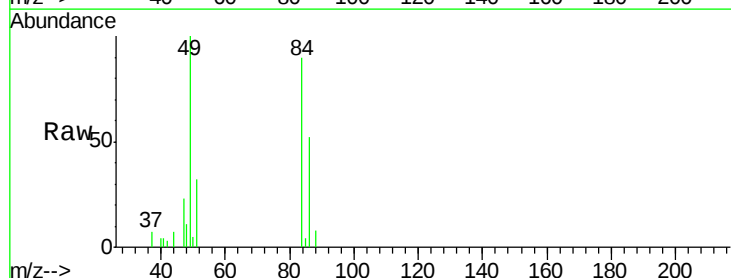
Ion Ratio Lower Upper

84 100

49 110.9 90.6 136.0

51 35.5 27.8 41.8

86 58.2 50.1 75.1



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

4.51

8000

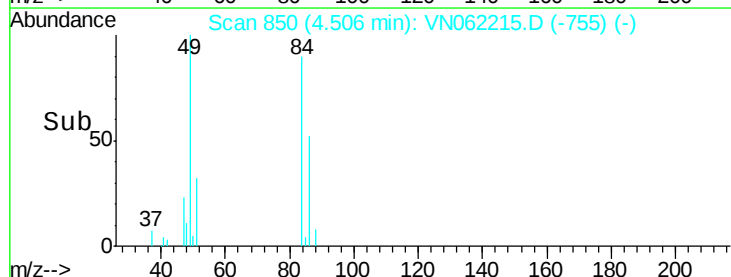
6000

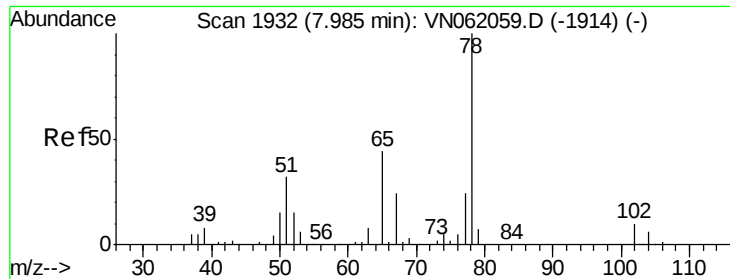
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60

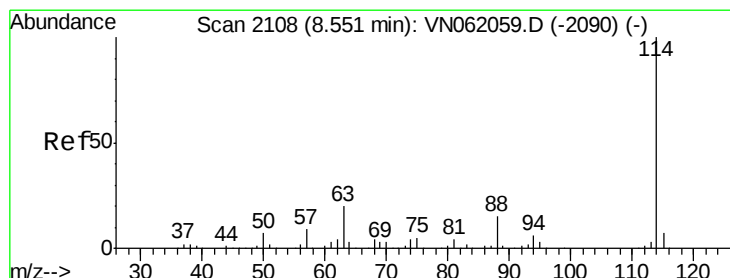
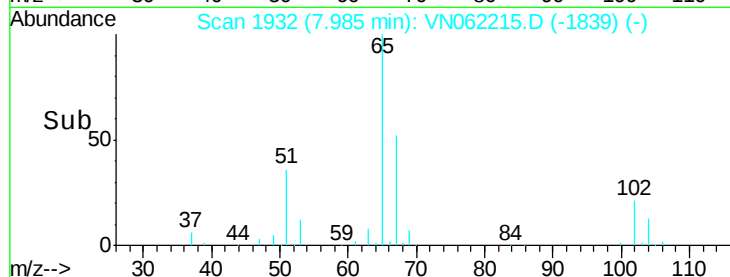
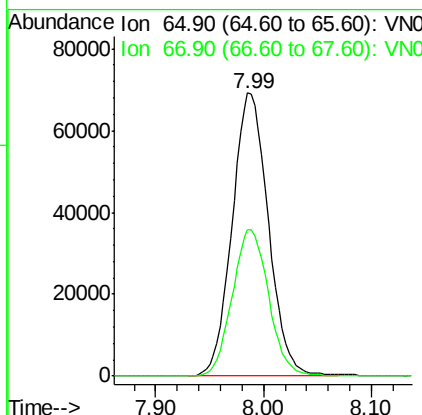
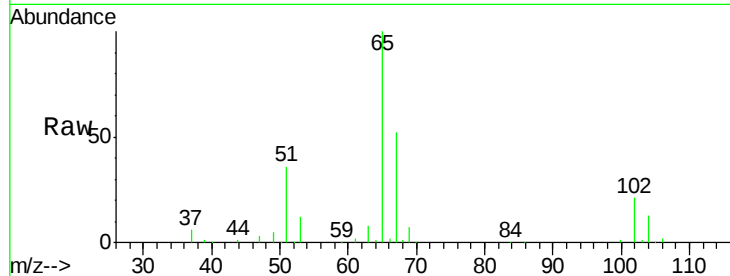




#33
 1,2-Dichloroethane-d4
 Concen: 54.419 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062215.D
 Acq: 30 Jun 2020 3:23

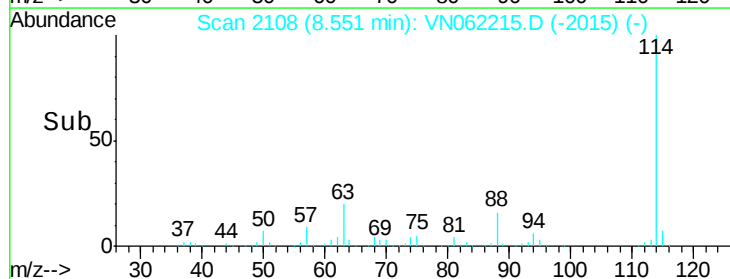
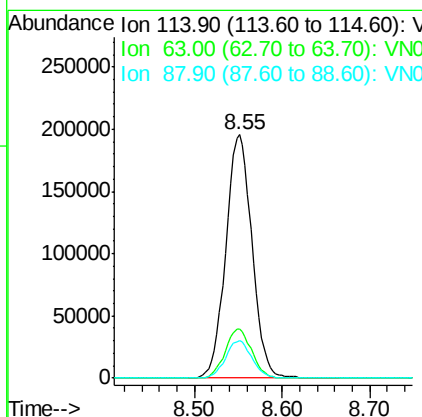
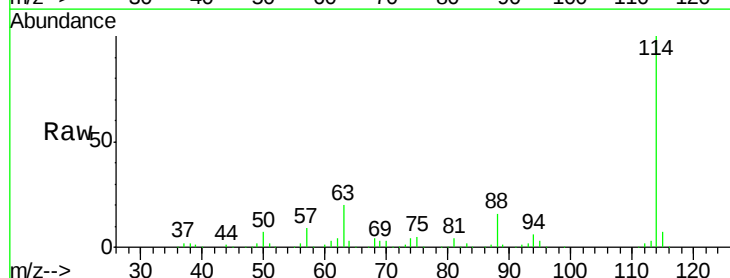
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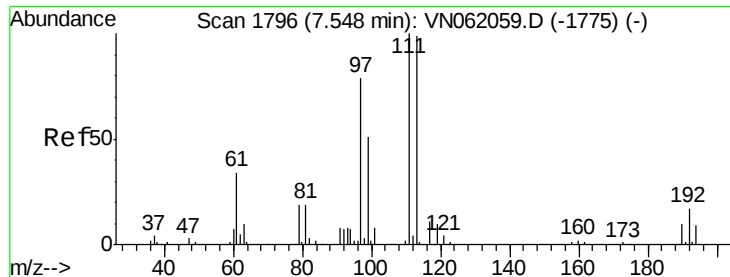
Tot Ion: 65 Resp: 161869
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062215.D
 Acq: 30 Jun 2020 3:23

Tgt Ion: 114 Resp: 407166
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 15.5 0.0 30.8

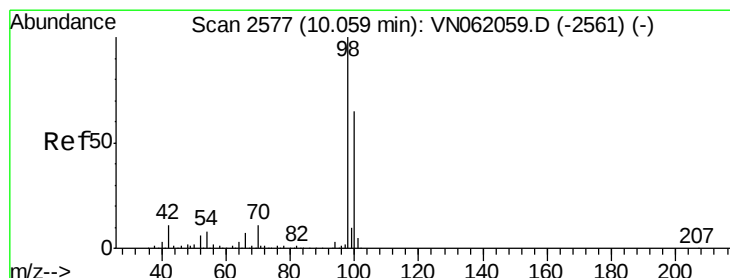
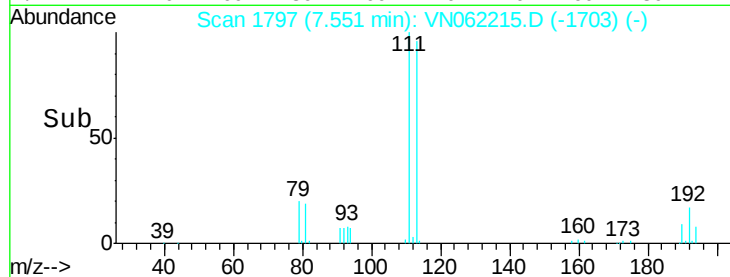
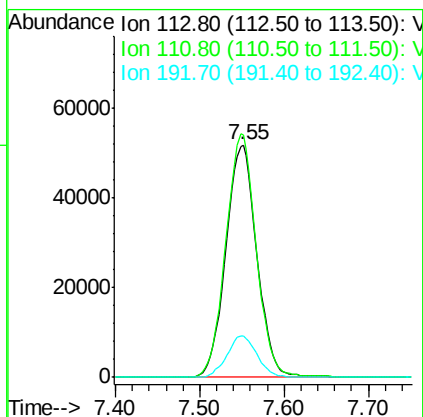
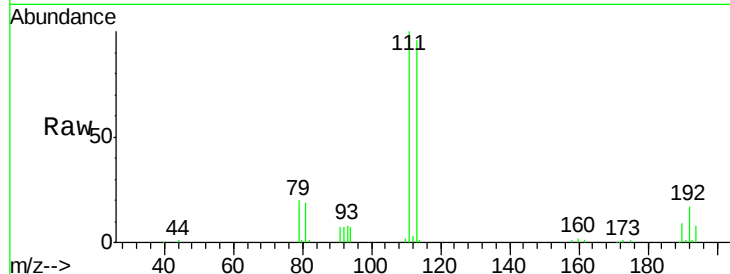




#35
 Dibromofluoromethane
 Concen: 50.666 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062215.D
 Acq: 30 Jun 2020 3:23

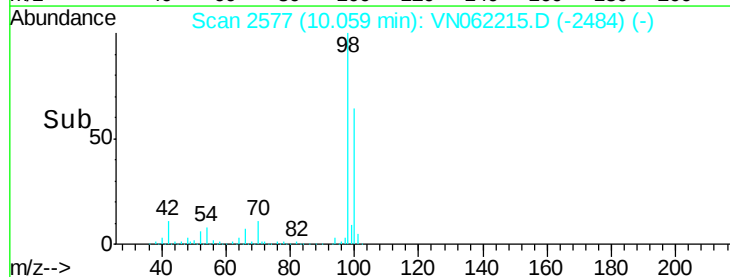
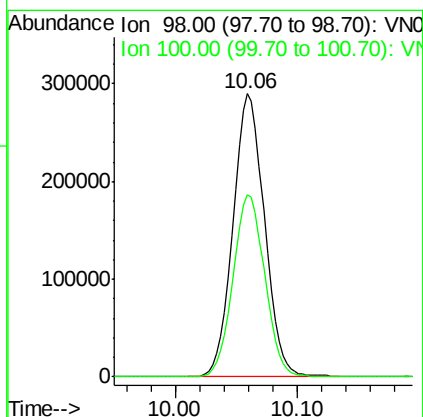
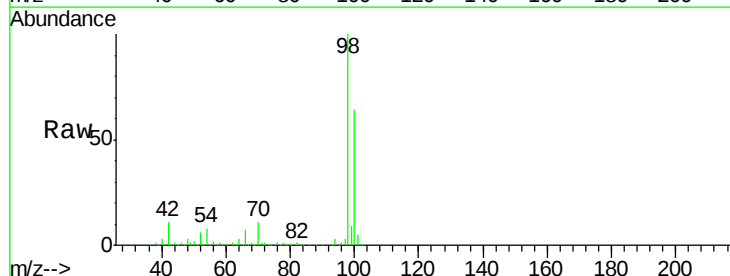
Instrument :
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 ClientSampleId :
 BP-MW180-SOIL-574-578

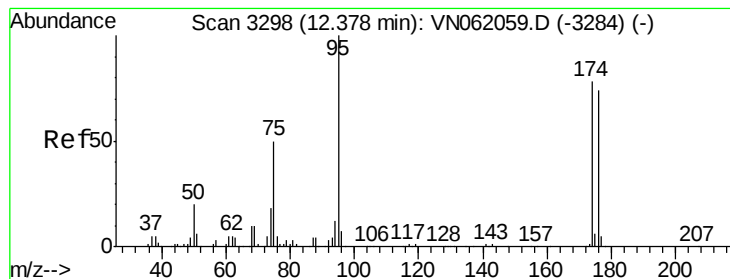
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	17.3	14.0	21.0



#50
 Toluene-d8
 Concen: 49.677 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062215.D
 Acq: 30 Jun 2020 3:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 47.409 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062215.D

Acq: 30 Jun 2020 3:23

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-574-578

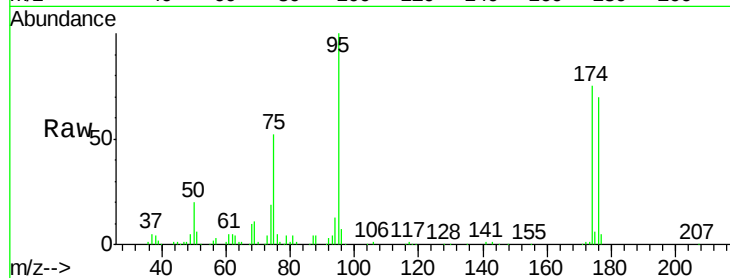
Tot Ion: 95 Resp: 167251

Ion Ratio Lower Upper

95 100

174 75.4 0.0 154.8

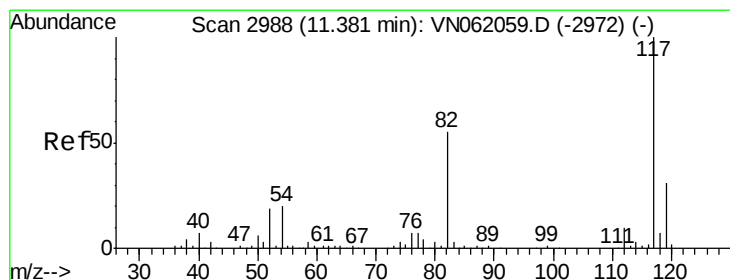
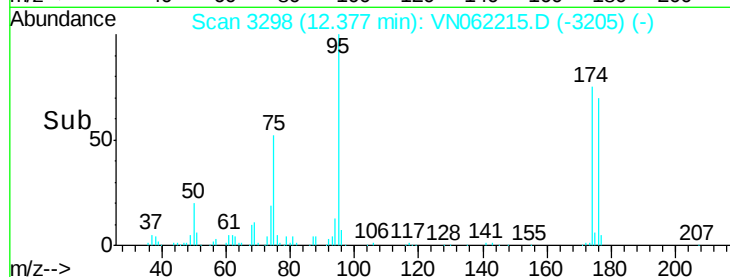
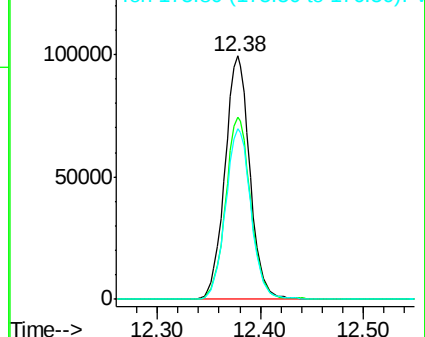
176 71.5 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062215.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062215.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062215.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062215.D

Acq: 30 Jun 2020 3:23

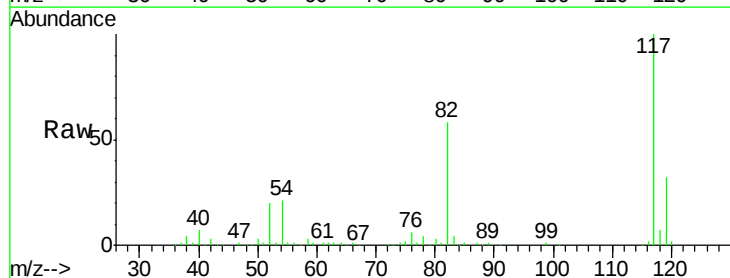
Tgt Ion: 117 Resp: 393593

Ion Ratio Lower Upper

117 100

82 57.6 43.8 65.8

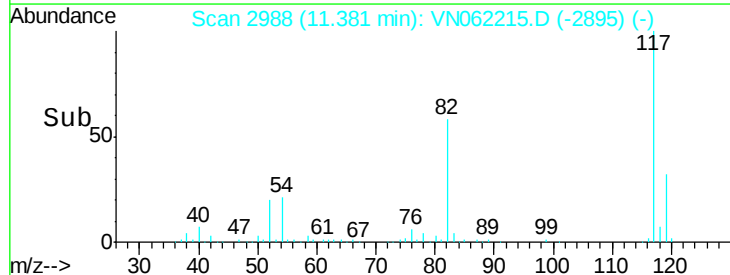
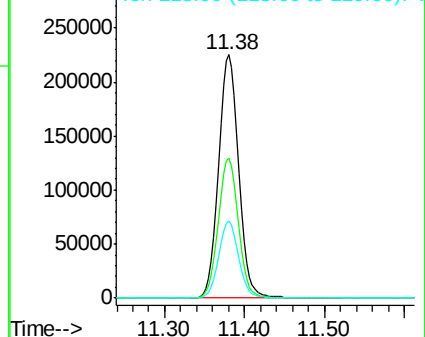
119 31.7 25.2 37.8

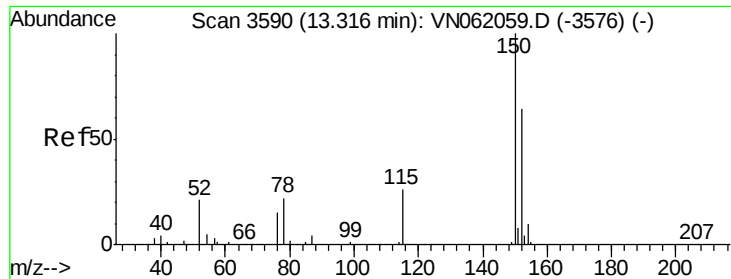


Abundance Ion 116.90 (116.60 to 117.60): VN062215.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062215.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062215.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062215.D

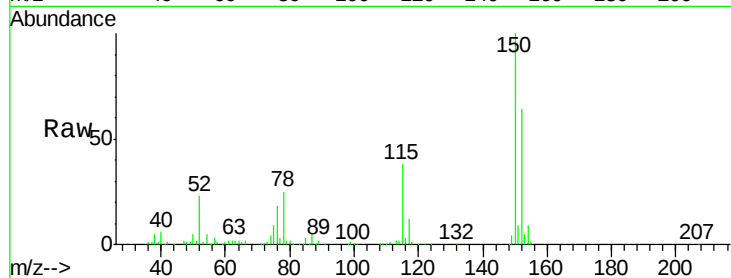
Acq: 30 Jun 2020 3:23

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-574-578



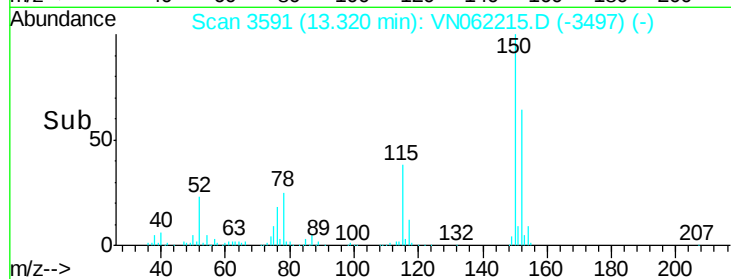
Tot Ion:152 Resp: 141166

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

150 158.4 0.0 351.4



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

