

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062214.D
 Acq On : 30 Jun 2020 2:59
 Operator : JC/MD
 Sample : L3136-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-572-574

Quant Time: Jun 30 06:29:31 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

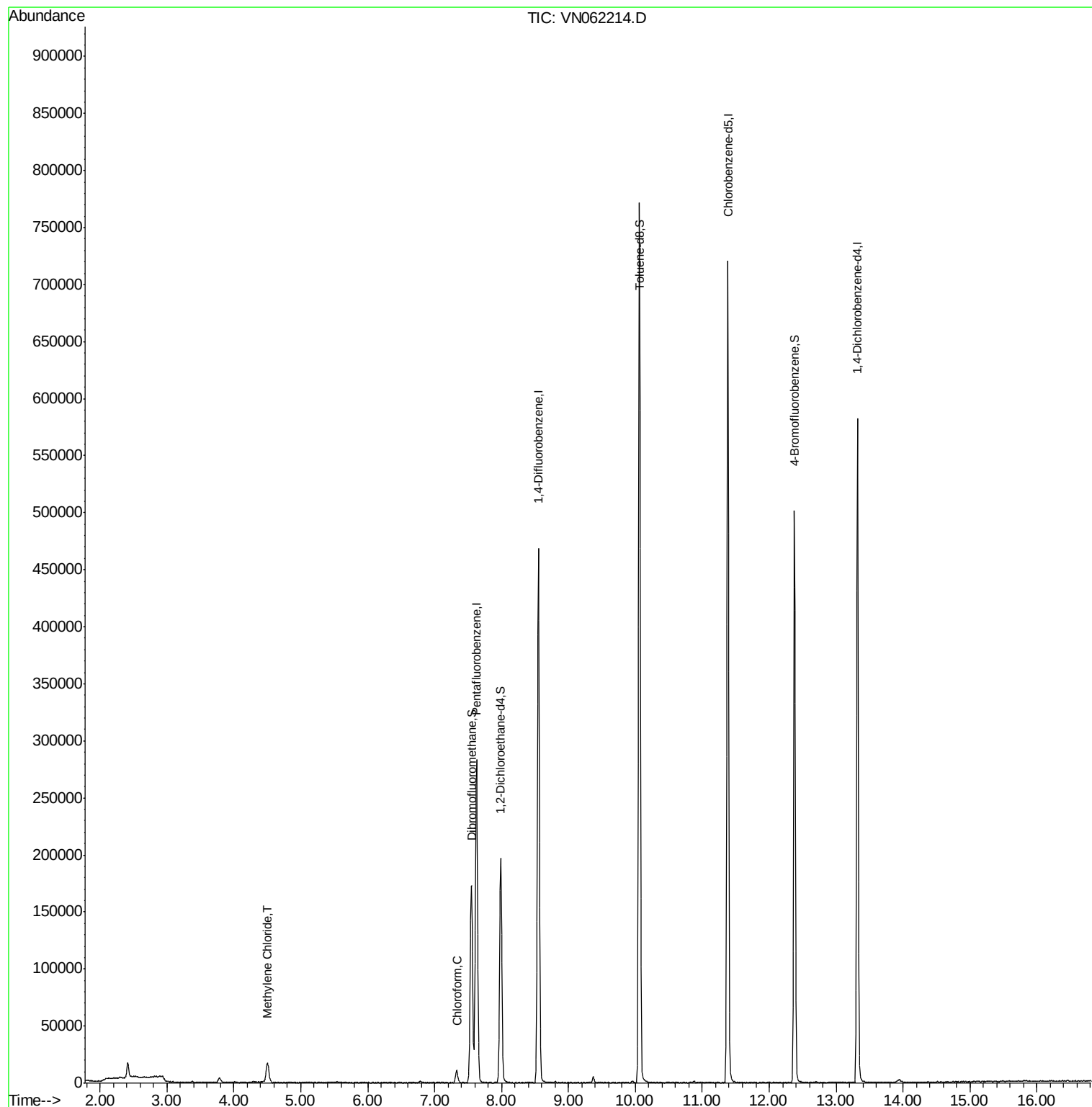
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	216423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	165404	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
35) Dibromofluoromethane	7.55	113	135874	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.06	98	537640	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.38	95	180445	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
Target Compounds						
20) Methylene Chloride	4.51	84	13620	4.689	ug/l	99
30) Chloroform	7.33	83	10729	2.126	ug/l	100

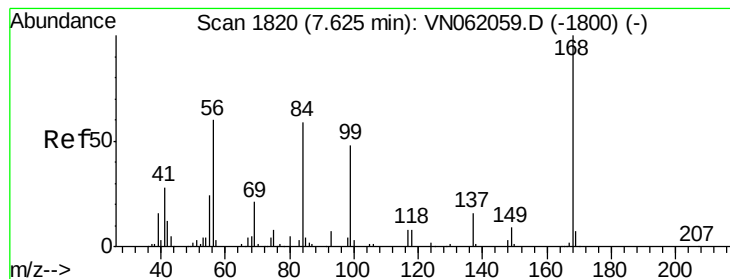
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#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 2:59

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MSVOA_N

ClientSampleId :

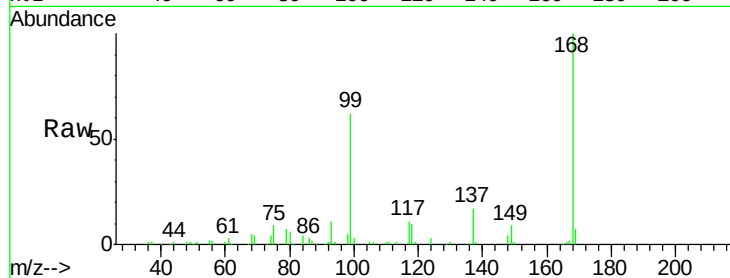
BP-MW180-SOIL-572-574

Tot Ion:168 Resp: 216423

Ion Ratio Lower Upper

168 100

99 61.5 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

100000

80000

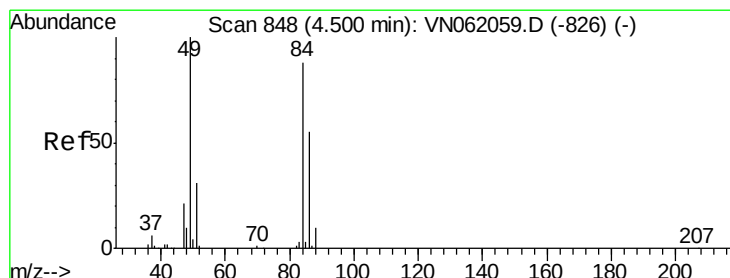
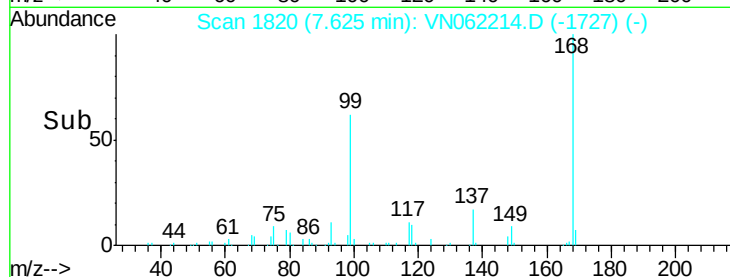
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 4.689 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN062214.D

Acq: 30 Jun 2020 2:59

Tgt Ion: 84 Resp: 13620

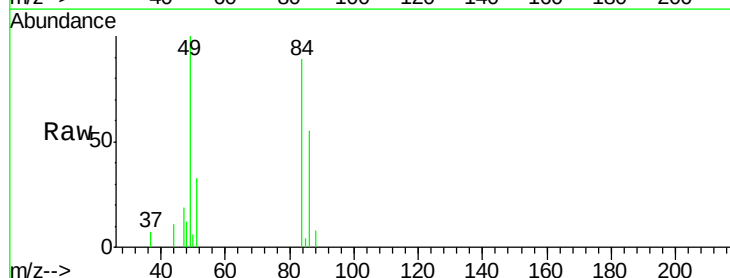
Ion Ratio Lower Upper

84 100

49 112.8 90.6 136.0

51 37.6 27.8 41.8

86 61.7 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

8000

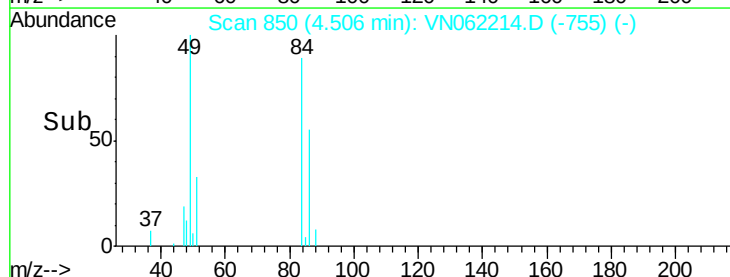
6000

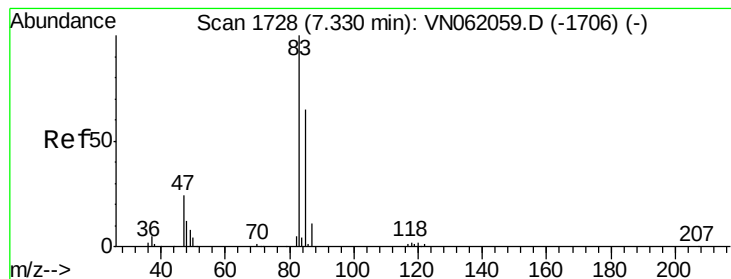
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60





#30

Chloroform

Concen: 2.126 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062214.D

Acq: 30 Jun 2020 2:59

Instrument :

MSVOA_N

ClientSampleId :

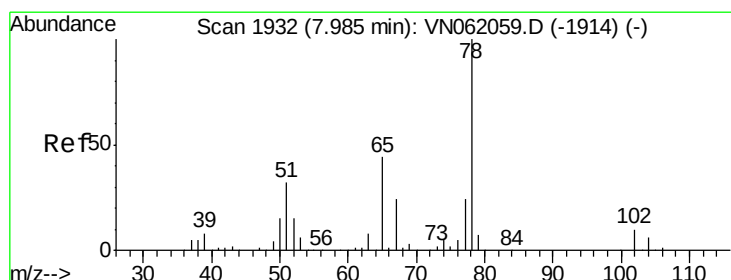
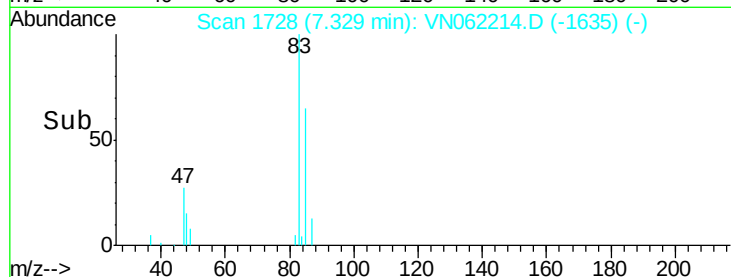
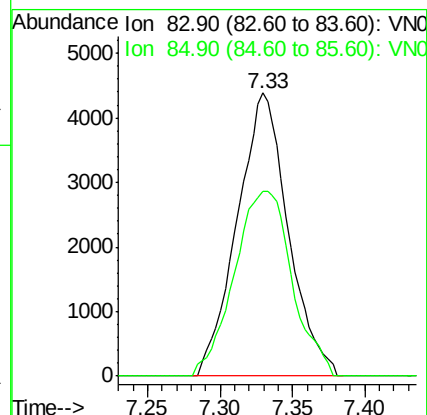
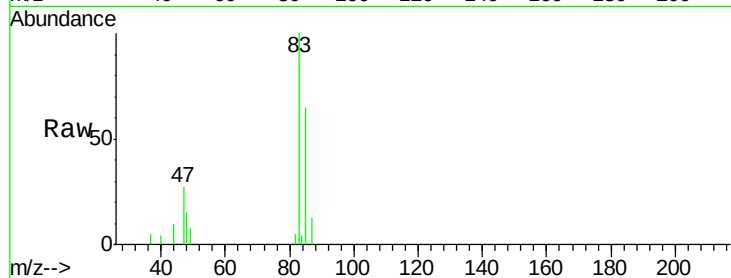
BP-MW180-SOIL-572-574

Tot Ion: 83 Resp: 10729

Ion Ratio Lower Upper

83 100

85 65.3 52.3 78.5



#33

1,2-Dichloroethane-d4

Concen: 54.460 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062214.D

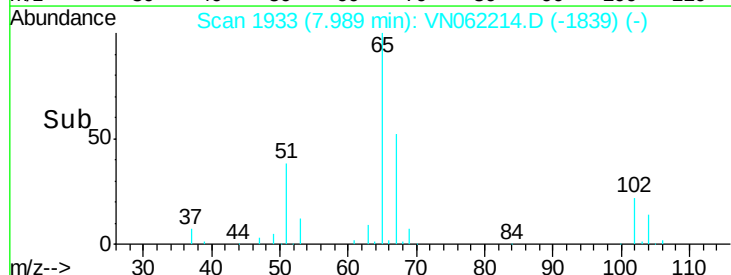
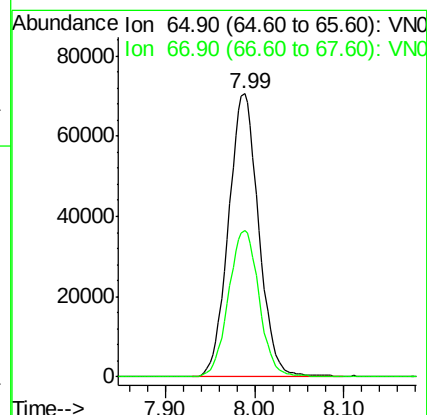
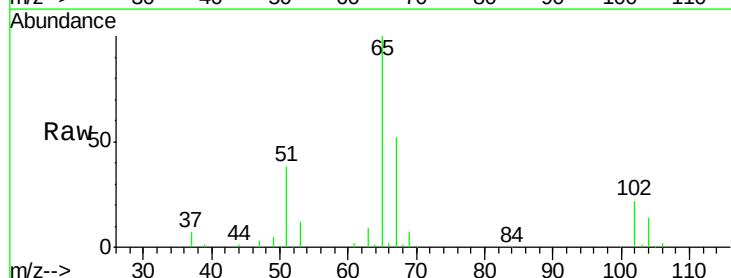
Acq: 30 Jun 2020 2:59

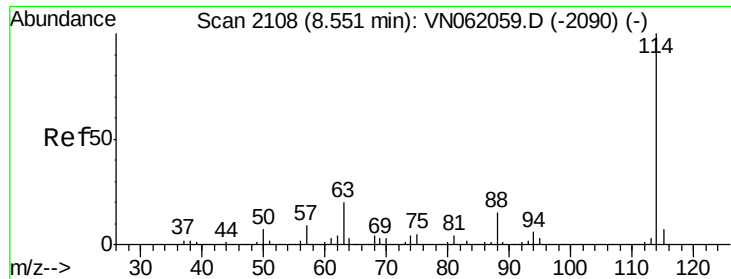
Tgt Ion: 65 Resp: 165404

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2

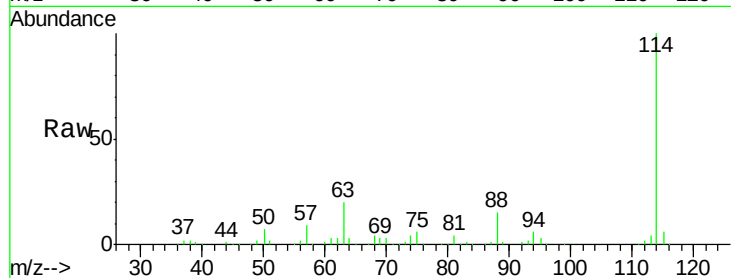




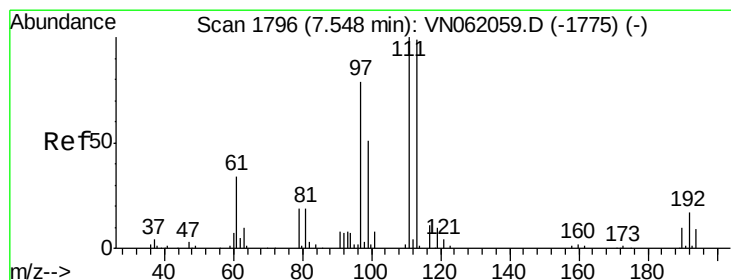
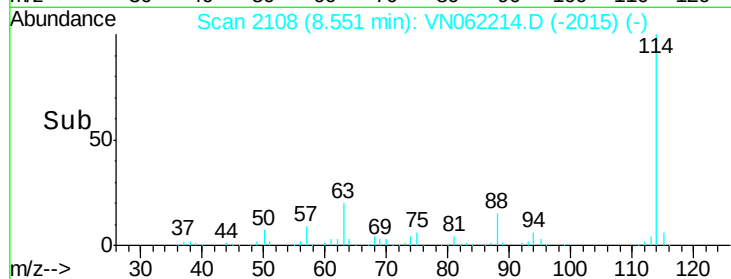
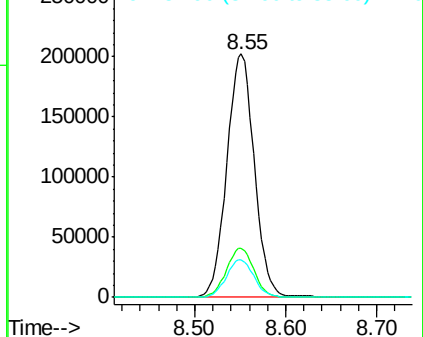
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062214.D
 Acq: 30 Jun 2020 2:59

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-572-574

Tot Ion:114 Resp: 424942
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.4 0.0 30.8

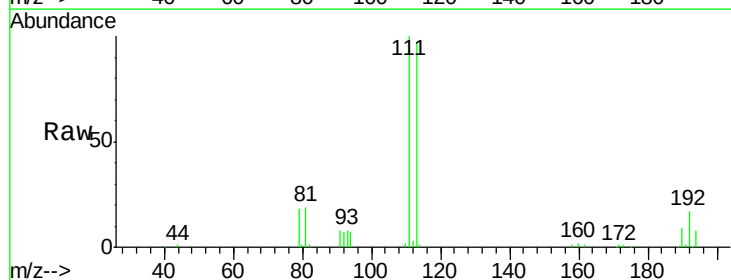


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

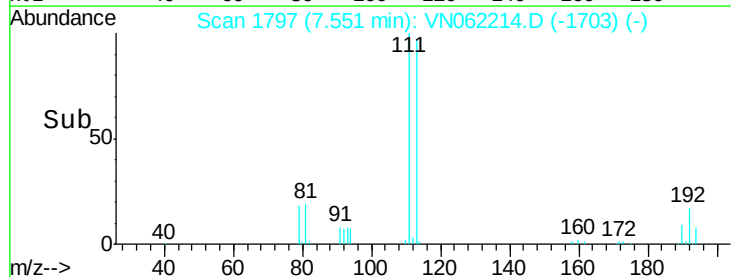
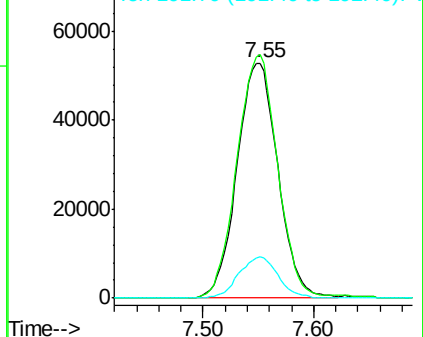


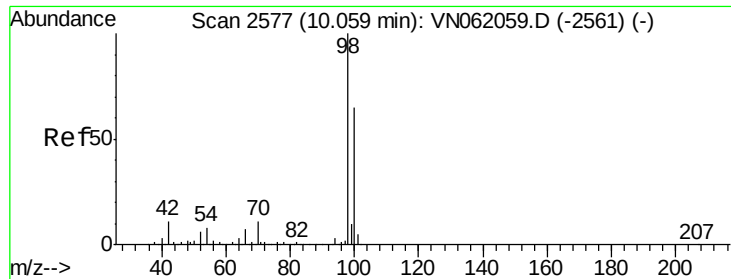
#35
 Dibromofluoromethane
 Concen: 49.840 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062214.D
 Acq: 30 Jun 2020 2:59

Tgt Ion:113 Resp: 135874
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 16.8 14.0 21.0



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: 49.336 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062214.D

Acq: 30 Jun 2020 2:59

Instrument :

MSVOA_N

ClientSampleId :

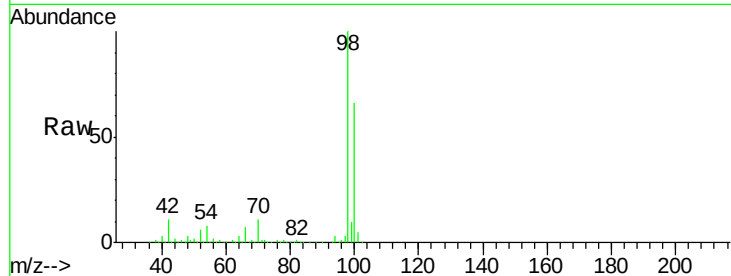
BP-MW180-SOIL-572-574

Tot Ion: 98 Resp: 537640

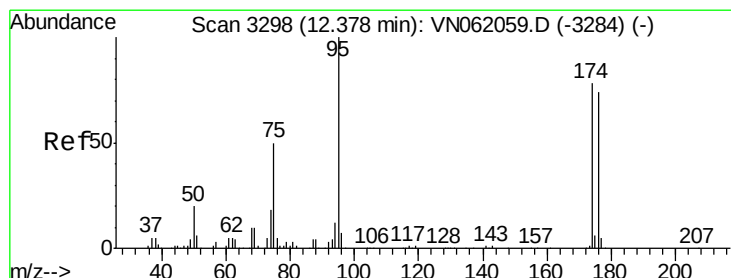
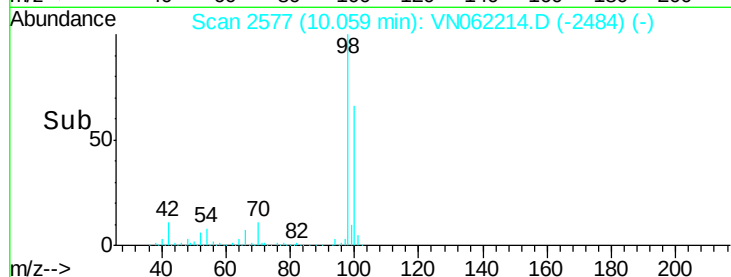
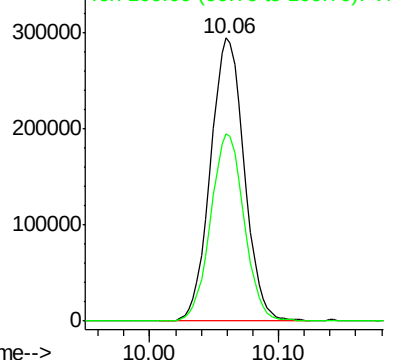
Ion Ratio Lower Upper

98 100

100 65.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 49.010 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062214.D

Acq: 30 Jun 2020 2:59

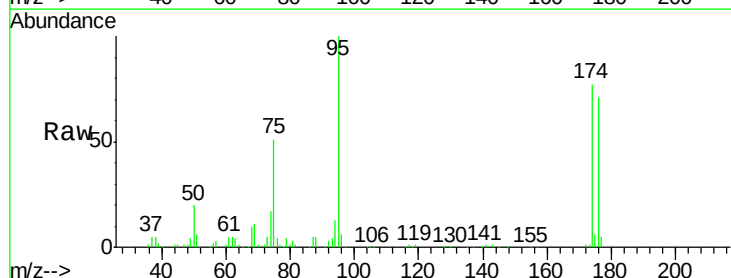
Tgt Ion: 95 Resp: 180445

Ion Ratio Lower Upper

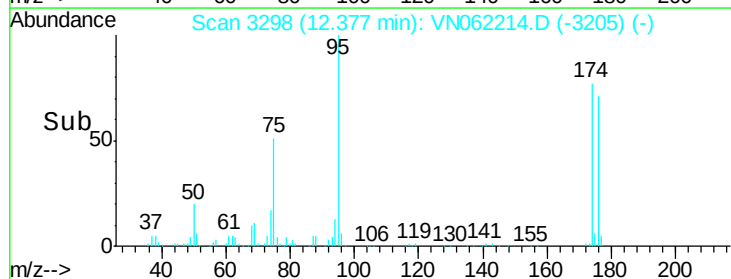
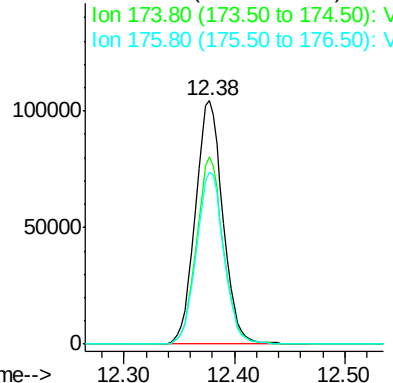
95 100

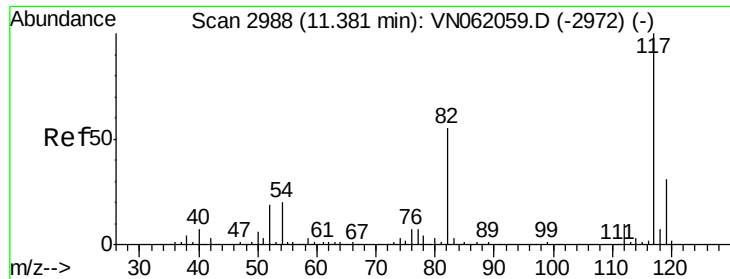
174 74.8 0.0 154.8

176 70.7 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062214.D

Acq: 30 Jun 2020 2:59

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-572-574

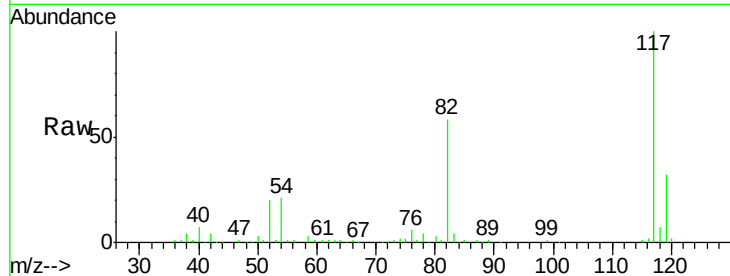
Tot Ion:117 Resp: 412356

Ion Ratio Lower Upper

117 100

82 57.6 43.8 65.8

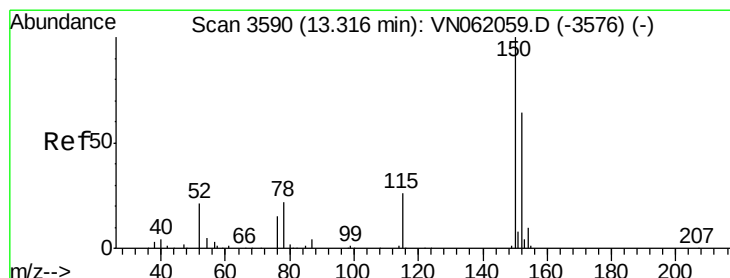
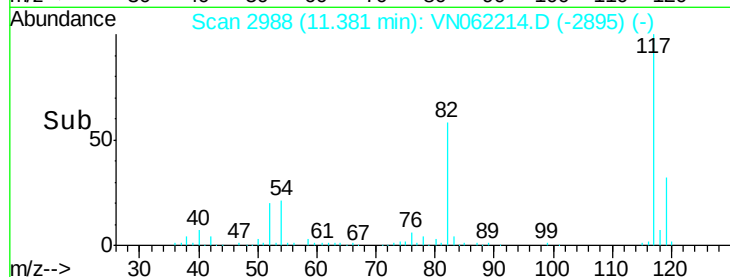
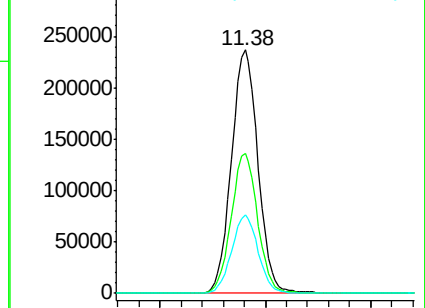
119 32.0 25.2 37.8



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: VN062214.D

Acq: 30 Jun 2020 2:59

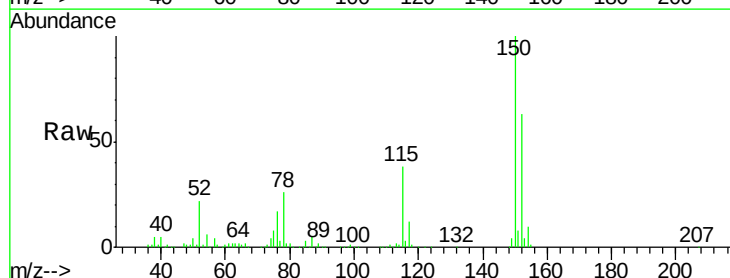
Tgt Ion:152 Resp: 153624

Ion Ratio Lower Upper

152 100

115 61.4 29.5 88.5

150 159.6 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

