

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062213.D
 Acq On : 30 Jun 2020 2:34
 Operator : JC/MD
 Sample : L3136-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-570-572

Quant Time: Jun 30 06:27:49 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

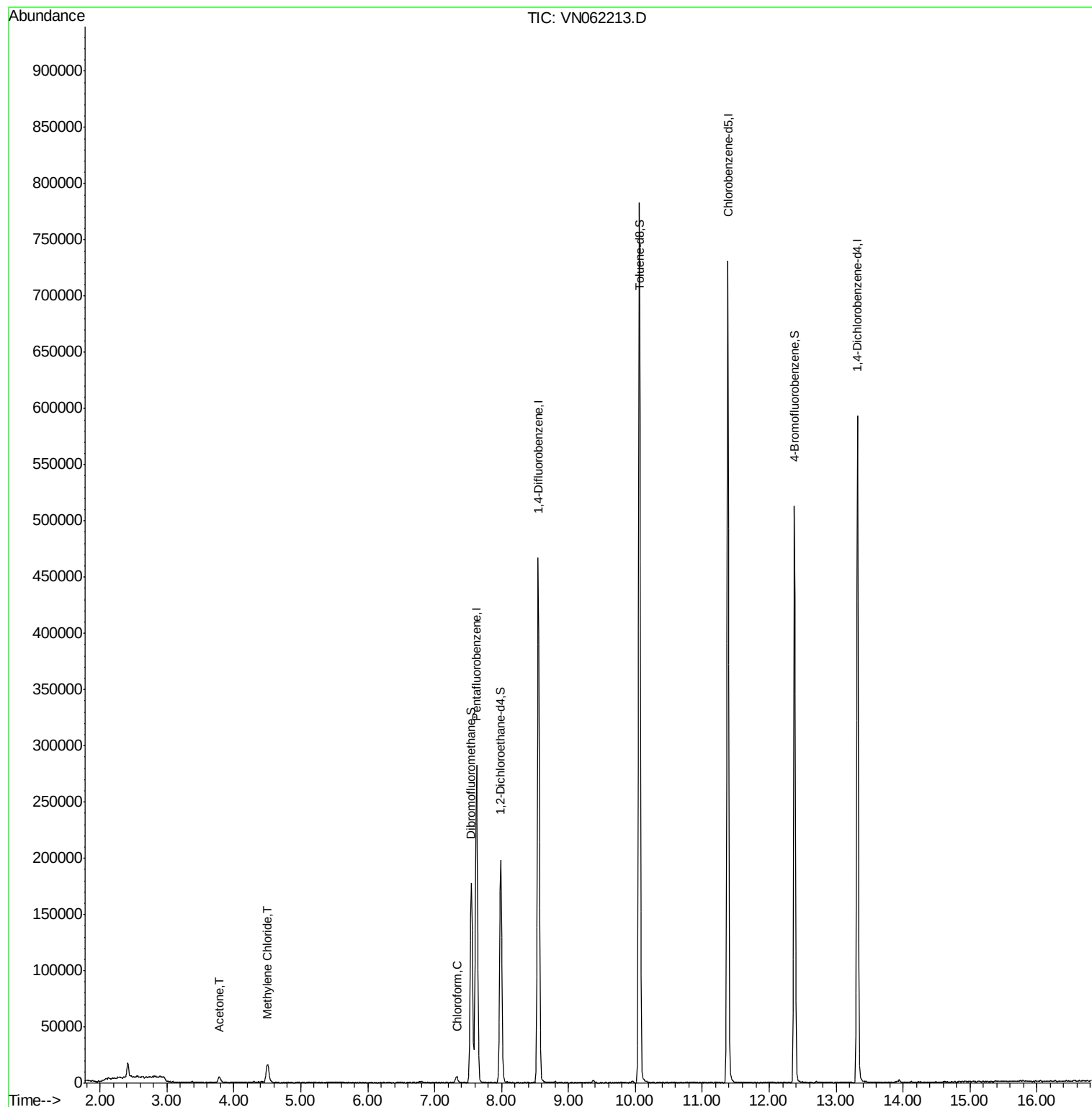
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164616	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.55	113	139018	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.06	98	542563	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.38	95	180398	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds						
16) Acetone	3.78	43	8764	5.130	ug/l #	85
20) Methylene Chloride	4.50	84	13162	4.475	ug/l	96
30) Chloroform	7.33	83	5686	1.115	ug/l	96

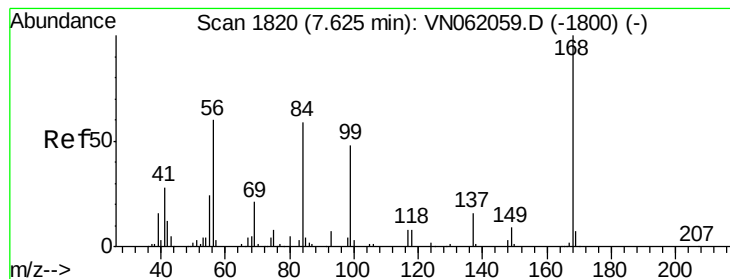
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
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Quant Title : SW846 8260
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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: VN062213.D

Acq: 30 Jun 2020 2:34

Instrument :

MSVOA_N

ClientSampleId :

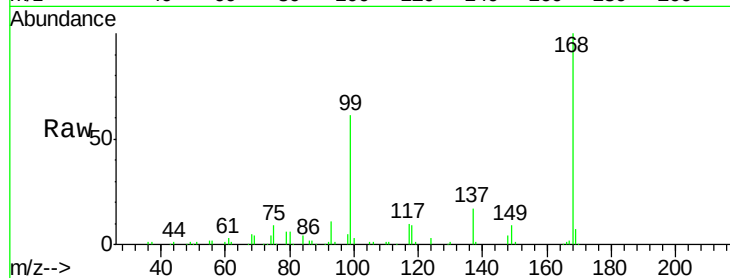
BP-MW180-SOIL-570-572

Tot Ion:168 Resp: 218684

Ion Ratio Lower Upper

168 100

99 60.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062213.D

Ion 98.90 (98.60 to 99.60): VN062213.D

7.63

100000

80000

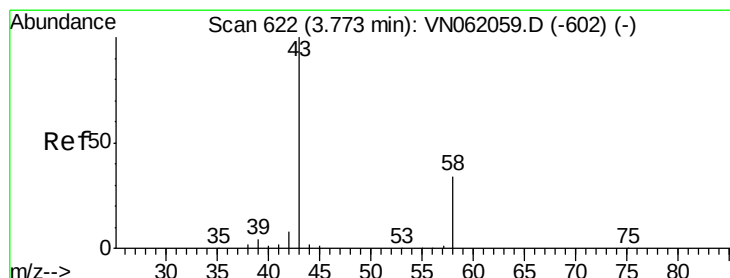
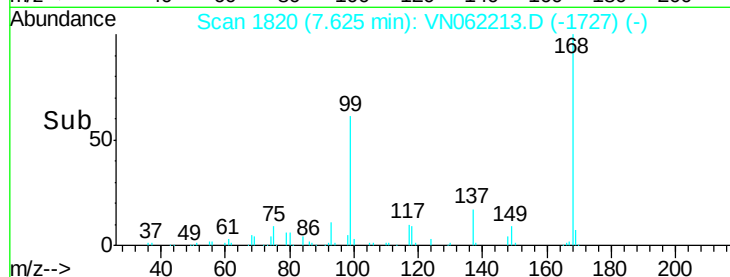
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 5.130 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062213.D

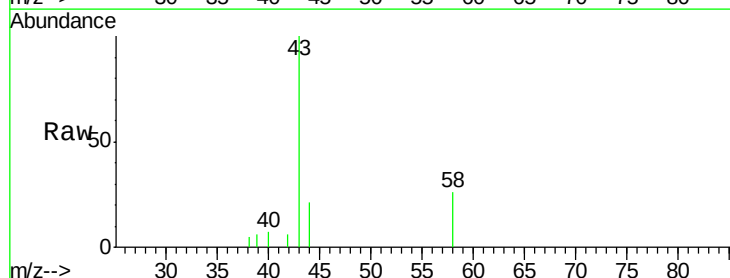
Acq: 30 Jun 2020 2:34

Tgt Ion: 43 Resp: 8764

Ion Ratio Lower Upper

43 100

58 25.7 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062213.D

Ion 58.00 (57.70 to 58.70): VN062213.D

3.78

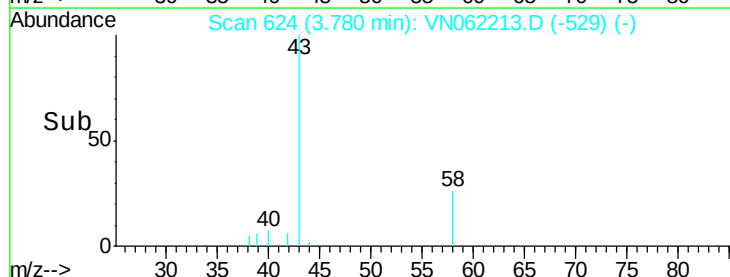
3000

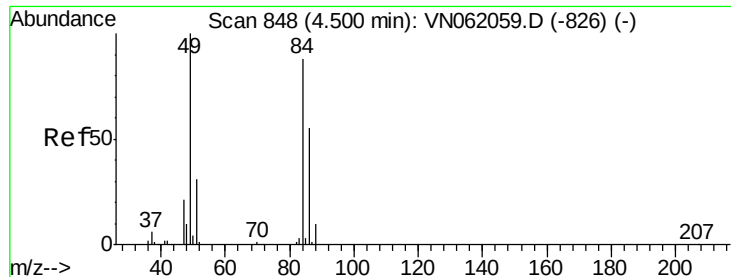
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

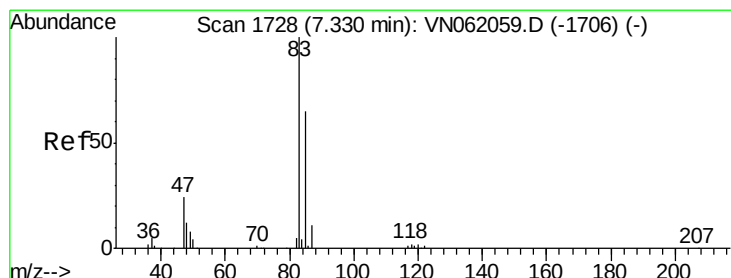
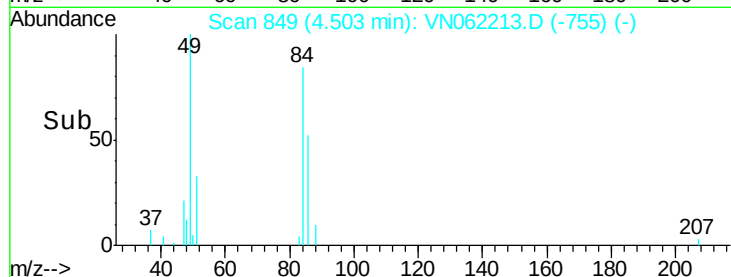
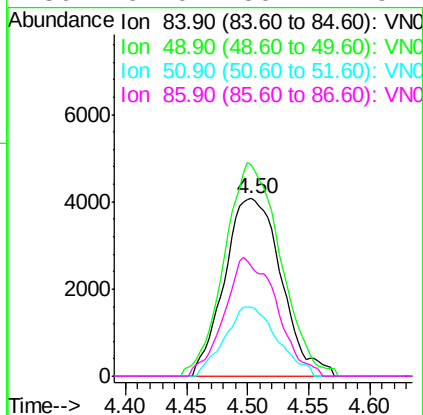
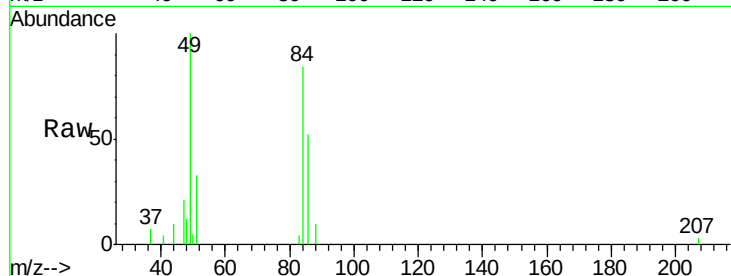




#20
Methvlene Chloride
Concen: 4.475 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062213.D
Acq: 30 Jun 2020 2:34

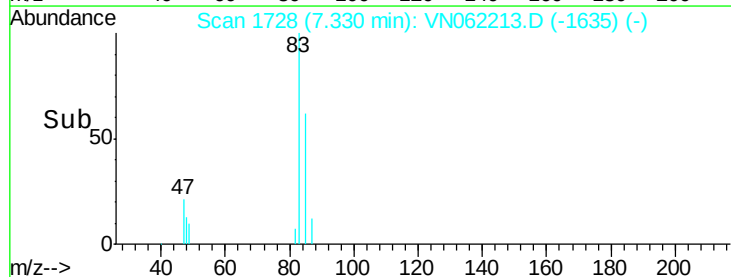
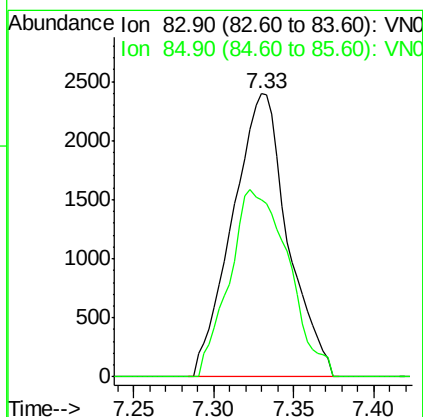
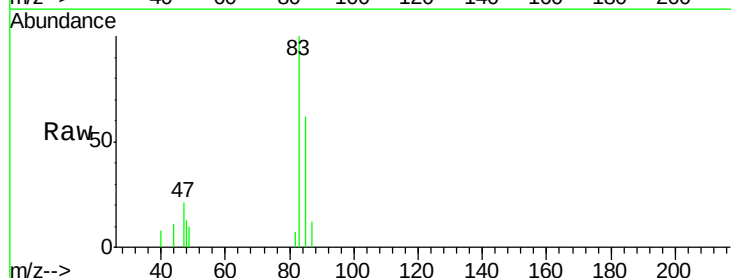
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-570-572

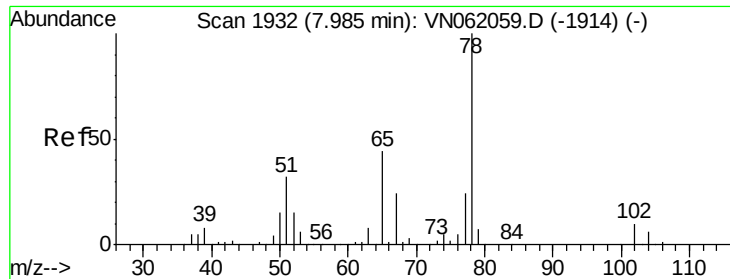
Tot Ion:	84	Resp:	13162
Ion	Ratio	Lower	Upper
84	100		
49	118.7	90.6	136.0
51	39.0	27.8	41.8
86	62.0	50.1	75.1



#30
Chloroform
Concen: 1.115 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062213.D
Acq: 30 Jun 2020 2:34

Tgt Ion:	83	Resp:	5686
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.3	78.5





#33

1,2-Dichloroethane-d4

Concen: 53.641 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062213.D

Acq: 30 Jun 2020 2:34

Instrument :

MSVOA_N

ClientSampleId :

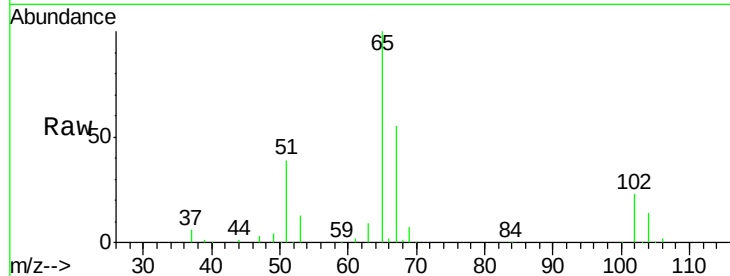
BP-MW180-SOIL-570-572

Tot Ion: 65 Resp: 164616

Ion Ratio Lower Upper

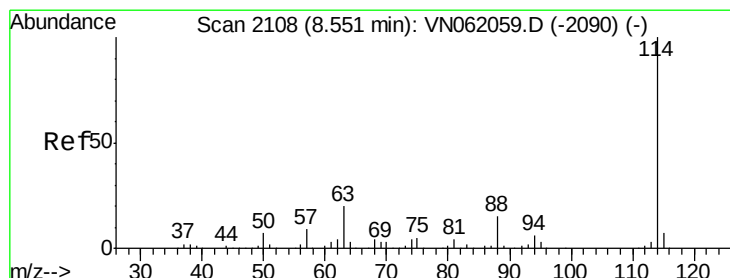
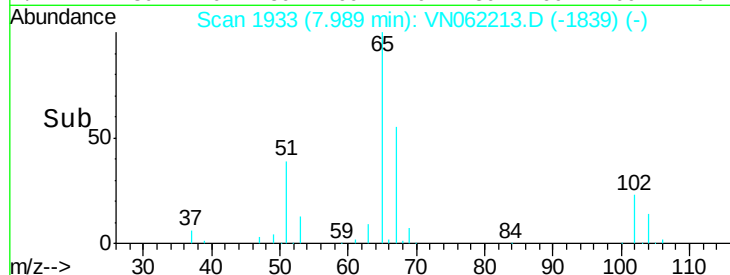
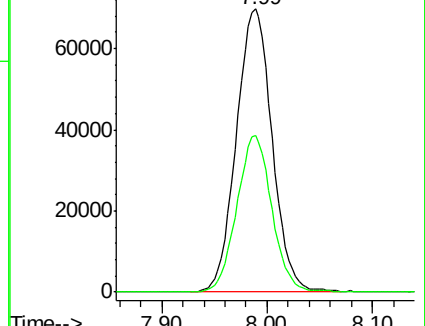
65 100

67 53.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062213.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062213.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062213.D

Acq: 30 Jun 2020 2:34

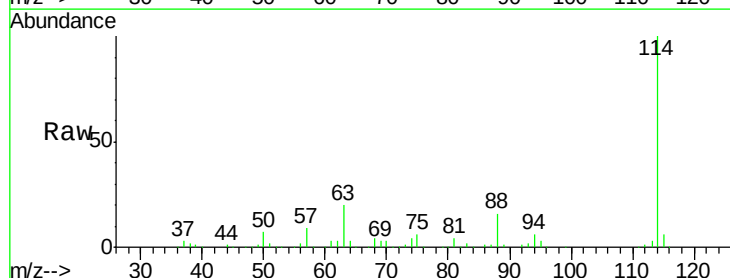
Tgt Ion: 114 Resp: 421739

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

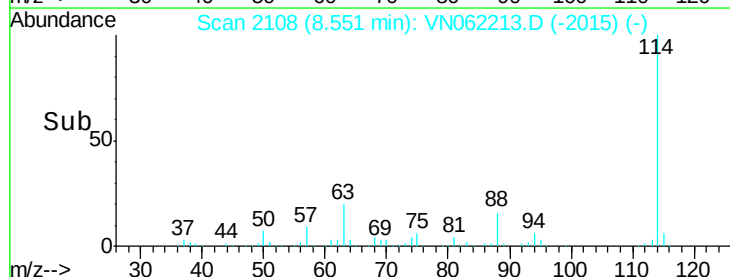
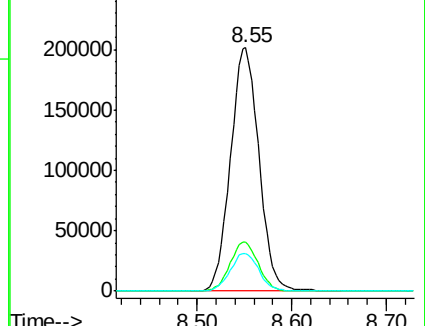
88 15.6 0.0 30.8

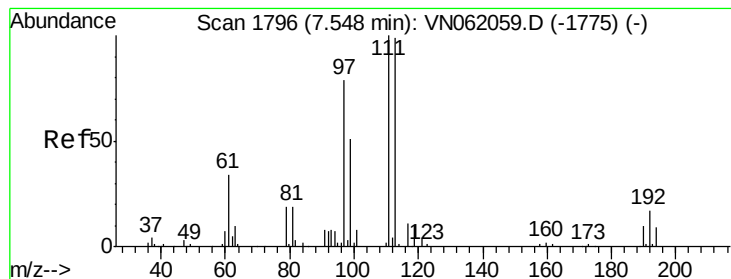


Abundance Ion 113.90 (113.60 to 114.60): VN062213.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062213.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062213.D (-2015) (-)





#35

Dibromofluoromethane

Concen: 51.381 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062213.D

Acq: 30 Jun 2020 2:34

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-570-572

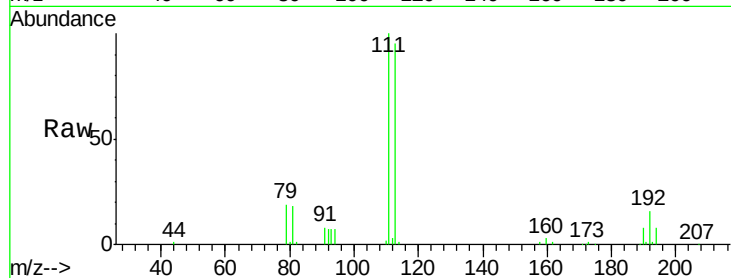
Tot Ion:113 Resp: 139018

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

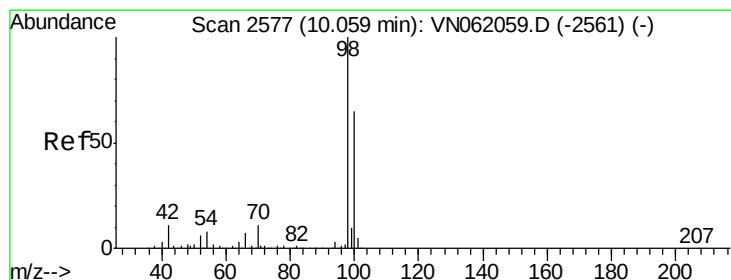
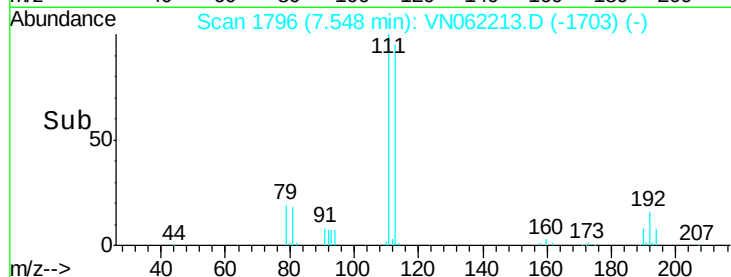
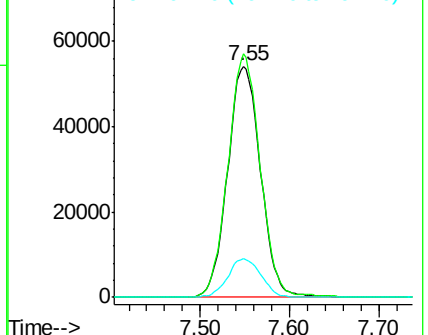
192 16.9 14.0 21.0



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: 50.166 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062213.D

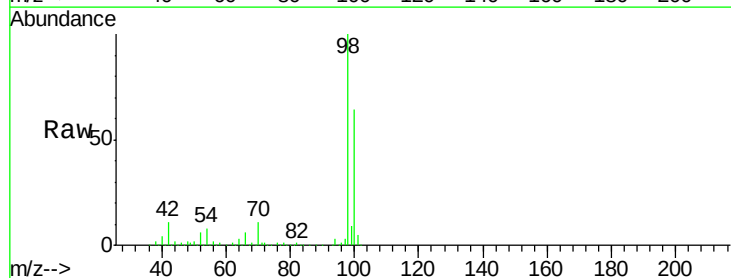
Acq: 30 Jun 2020 2:34

Tgt Ion: 98 Resp: 542563

Ion Ratio Lower Upper

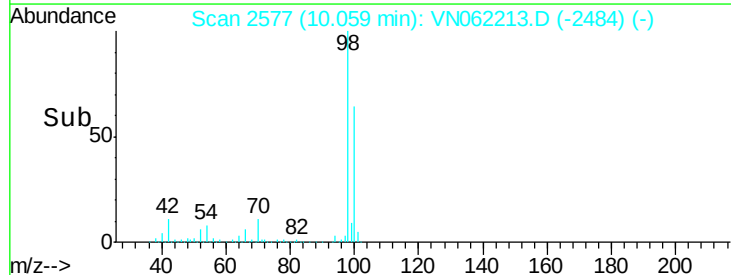
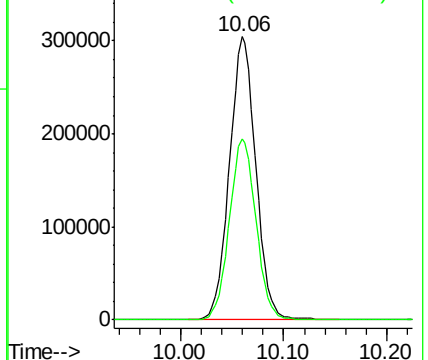
98 100

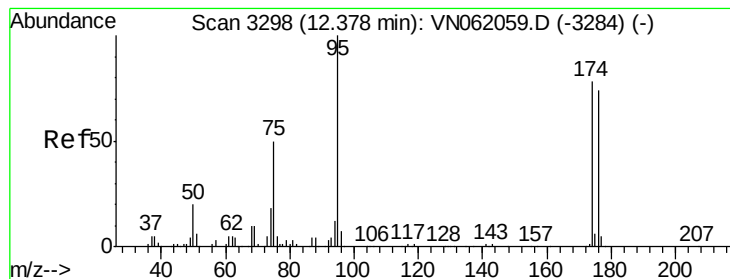
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.369 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062213.D

Acq: 30 Jun 2020 2:34

Instrument :

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ClientSampleId :

BP-MW180-SOIL-570-572

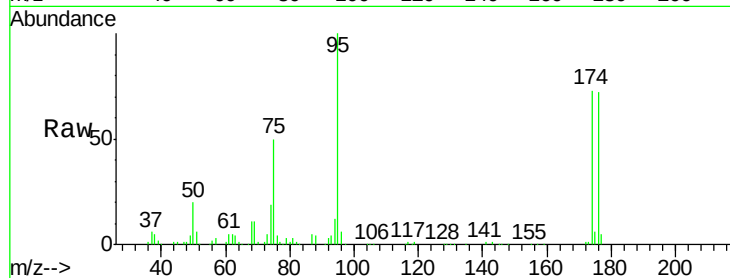
Tot Ion: 95 Resp: 180398

Ion Ratio Lower Upper

95 100

174 73.4 0.0 154.8

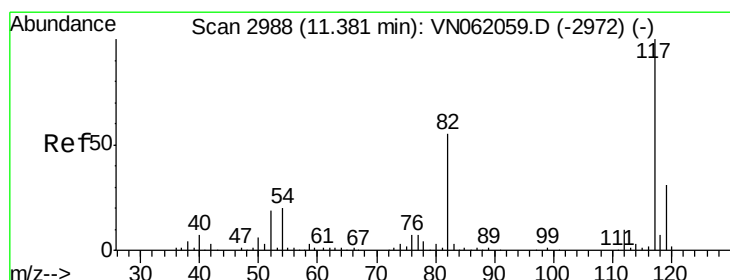
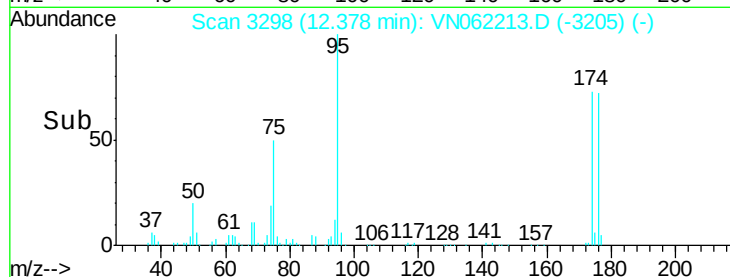
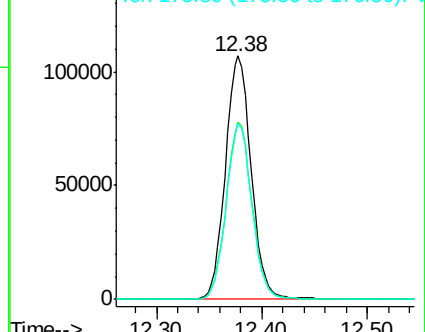
176 71.8 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062213.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062213.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062213.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062213.D

Acq: 30 Jun 2020 2:34

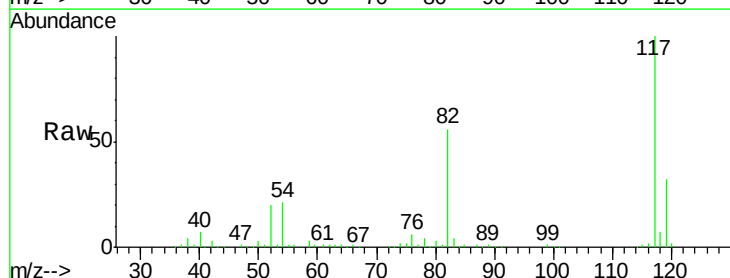
Tgt Ion: 117 Resp: 414819

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

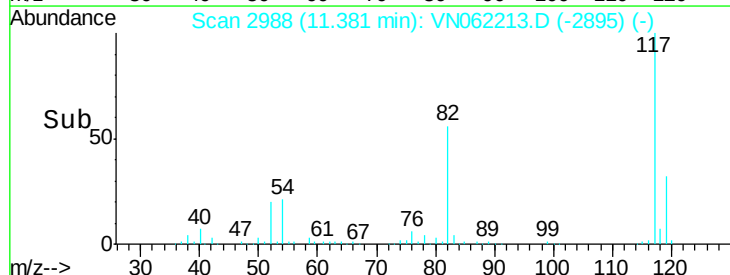
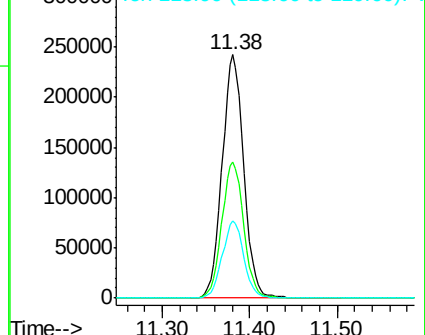
119 31.8 25.2 37.8

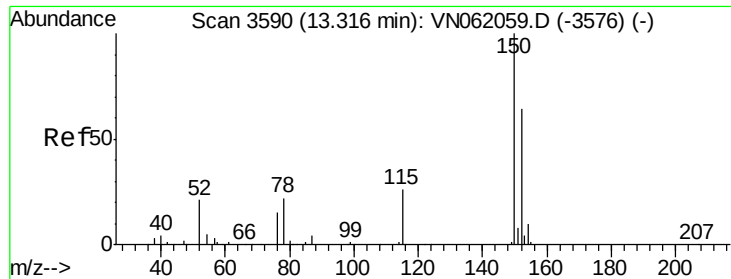


Abundance Ion 116.90 (116.60 to 117.60): VN062213.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062213.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062213.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: VN062213.D

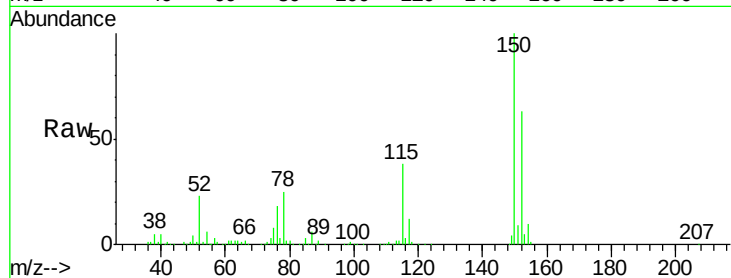
Acq: 30 Jun 2020 2:34

Instrument :

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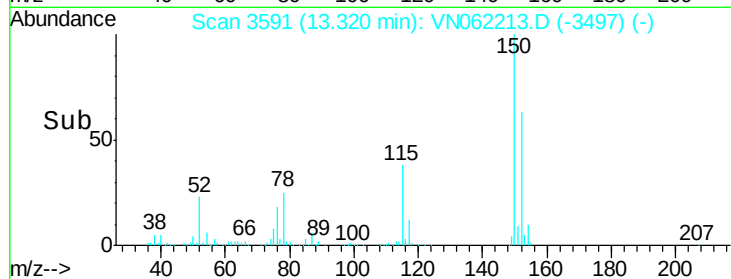
Tot Ion:152 Resp: 158064

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

150 159.1 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

200000

150000

100000

50000

0

13.32

13.30

13.40

Time-->