

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062223.D
 Acq On : 30 Jun 2020 6:36
 Operator : JC/MD
 Sample : L3136-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Jun 30 08:05:14 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

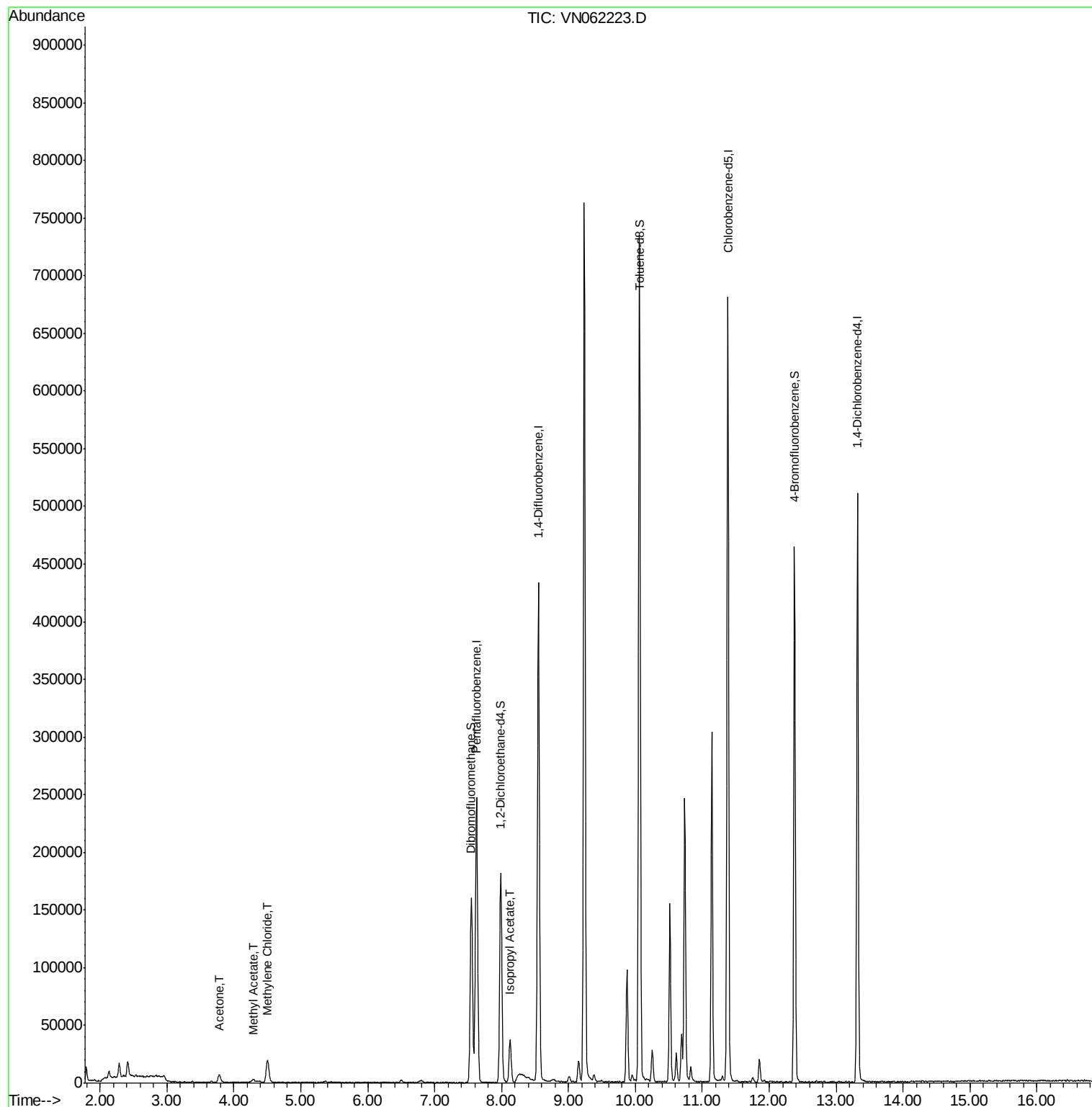
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151224	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
35) Dibromofluoromethane	7.55	113	126342	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.06	98	509395	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.38	95	160599	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	3.78	43	12108	10.201	ug/l	98
18) Methyl Acetate	4.29	43	4709	2.163	ug/l #	70
20) Methylene Chloride	4.50	84	15197	5.854	ug/l	99
43) Isopropyl Acetate	8.13	43	43084	8.242	ug/l	97

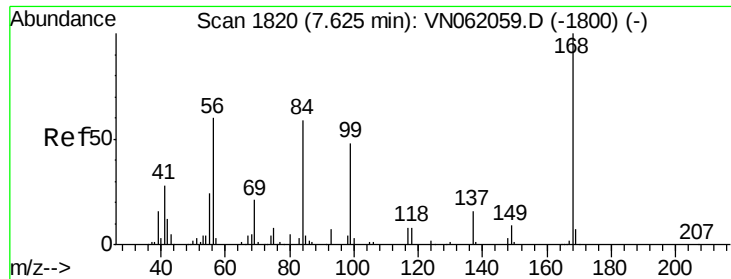
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062223.D
Acq On : 30 Jun 2020 6:36
Operator : JC/MD
Sample : L3136-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Jun 30 08:05:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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

Lab File: VN062223.D

Acq: 30 Jun 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

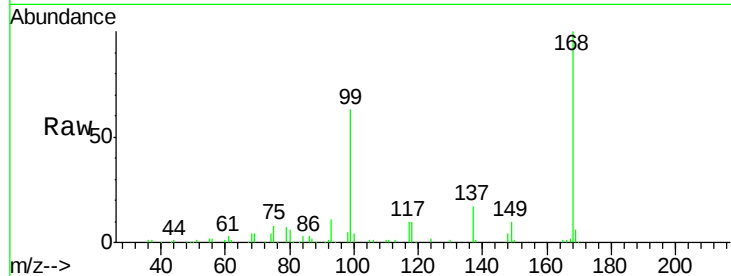
BP-MW180-SOIL-570-572

Tot Ion:168 Resp: 195126

Ion Ratio Lower Upper

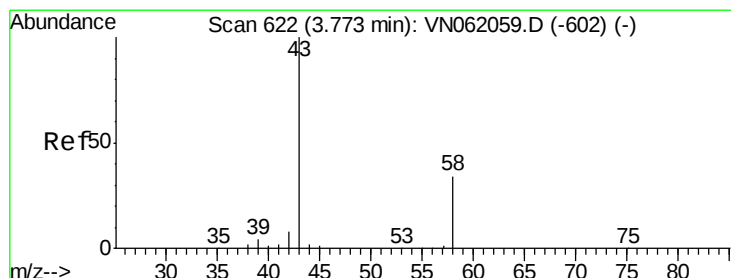
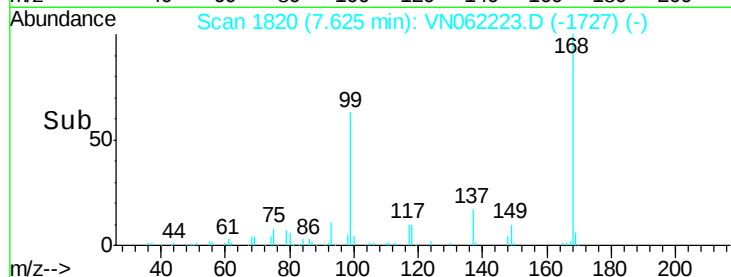
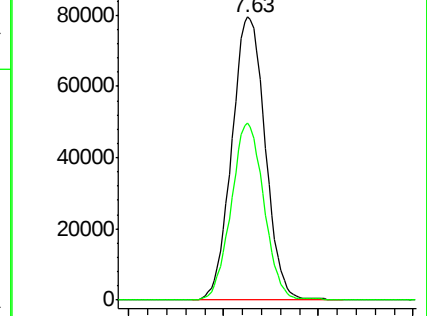
168 100

99 62.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.201 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062223.D

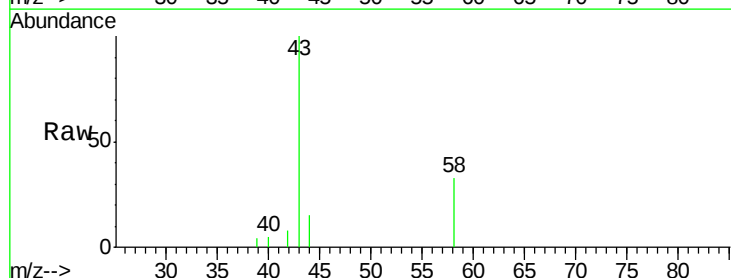
Acq: 30 Jun 2020 6:36

Tgt Ion: 43 Resp: 12108

Ion Ratio Lower Upper

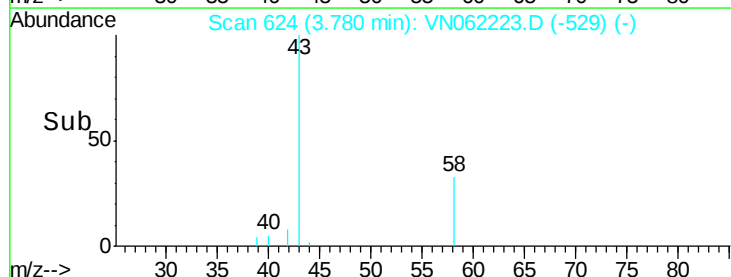
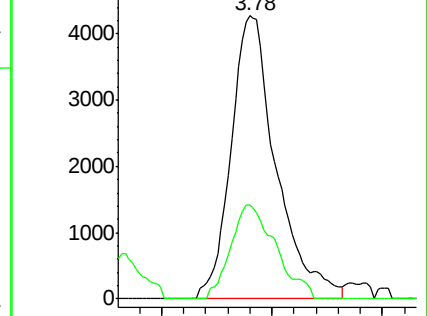
43 100

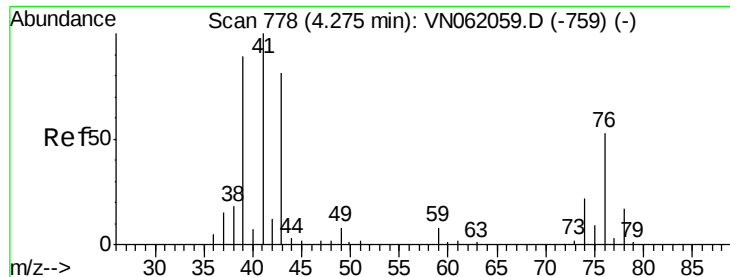
58 33.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

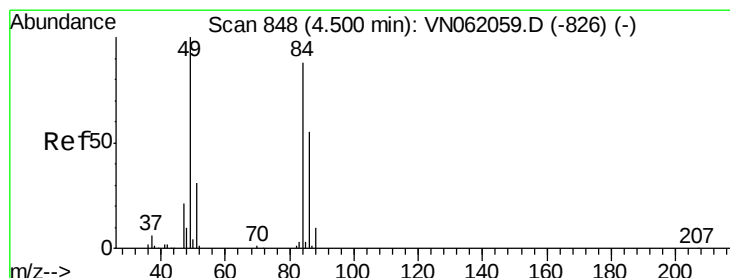
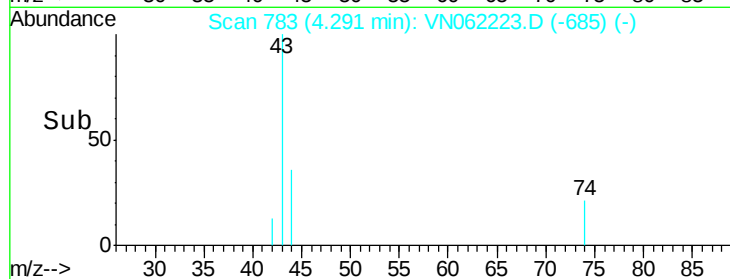
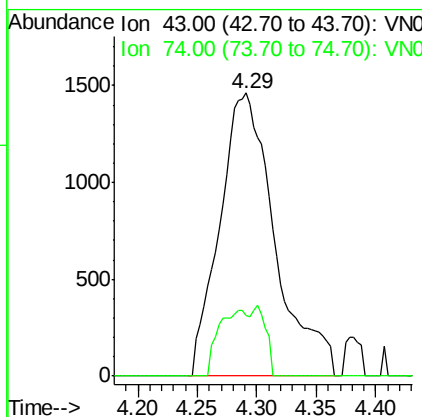
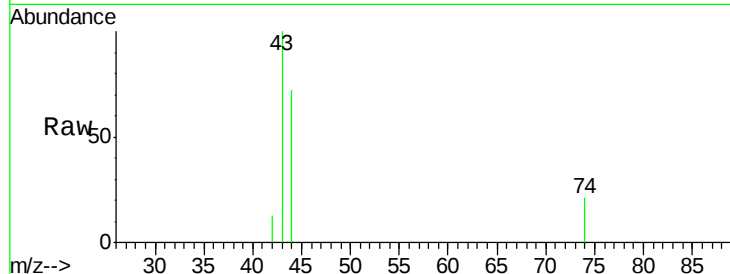




#18
Methyl Acetate
Concen: 2.163 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.02 min
Lab File: VN062223.D
Acq: 30 Jun 2020 6:36

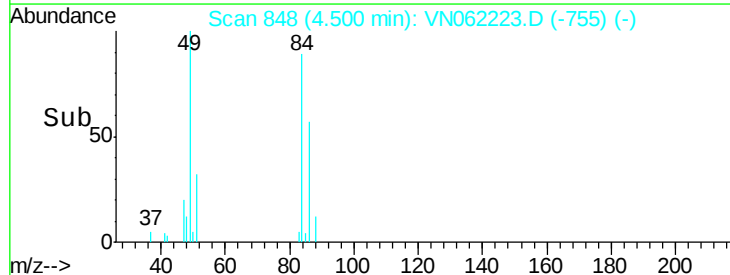
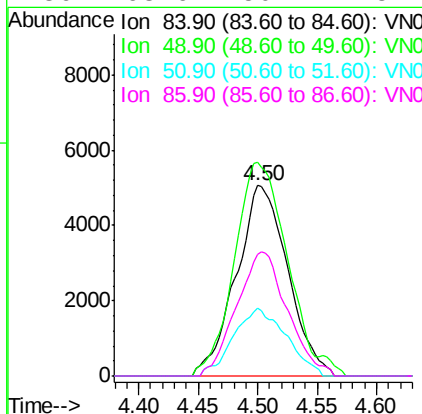
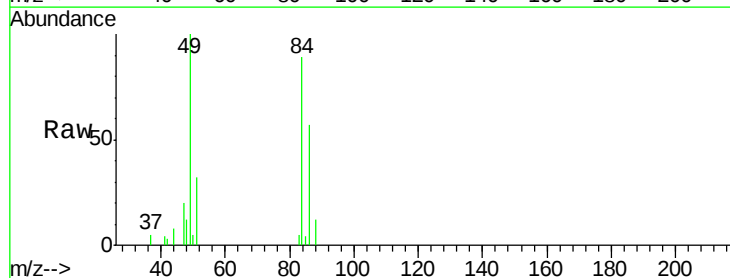
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-570-572

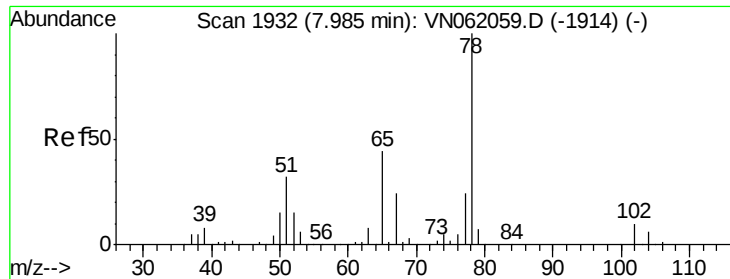
Tot Ion: 43 Resp: 4709
Ion Ratio Lower Upper
43 100
74 12.9 22.9 34.3#



#20
Methylene Chloride
Concen: 5.854 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062223.D
Acq: 30 Jun 2020 6:36

Tgt Ion: 84 Resp: 15197
Ion Ratio Lower Upper
84 100
49 112.0 90.6 136.0
51 35.3 27.8 41.8
86 63.6 50.1 75.1

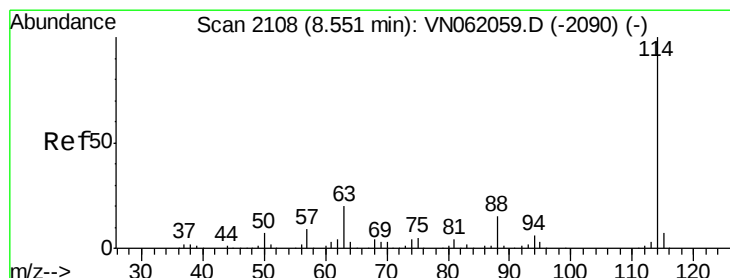
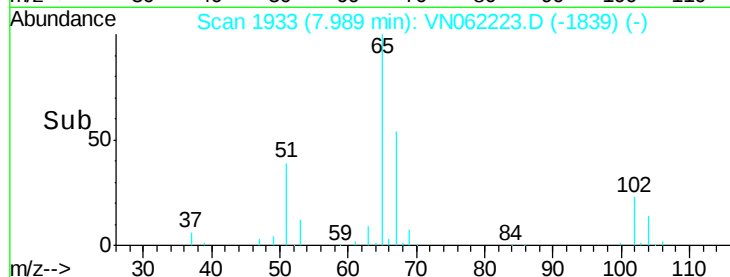
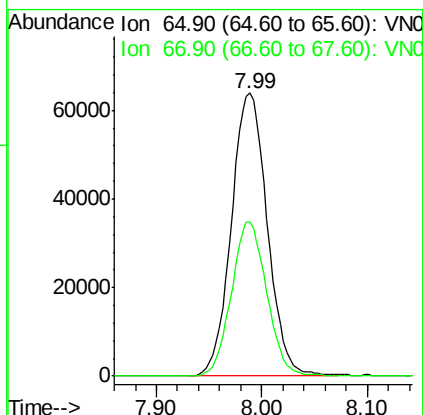
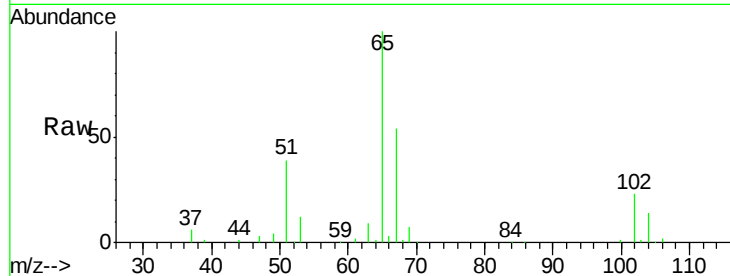




#33
 1,2-Dichloroethane-d4
 Concen: 55.226 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062223.D
 Acq: 30 Jun 2020 6:36

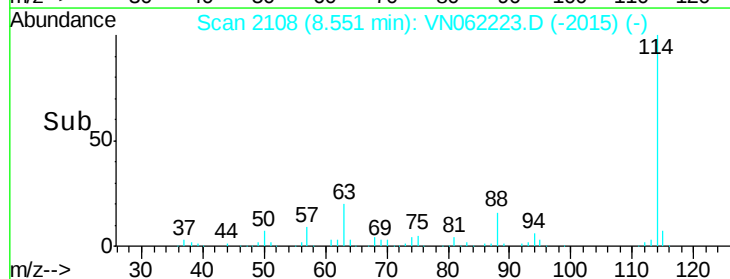
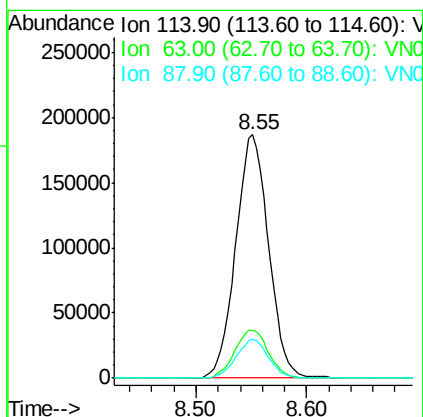
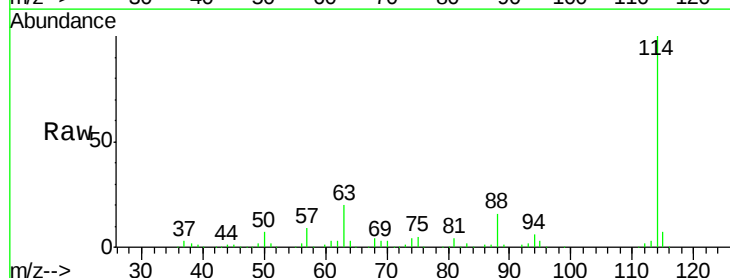
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-570-572

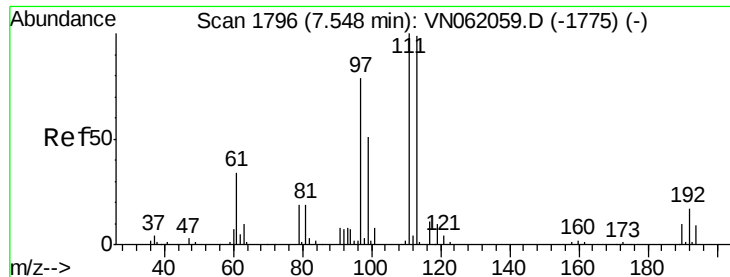
Tot Ion: 65 Resp: 151224
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062223.D
 Acq: 30 Jun 2020 6:36

Tgt Ion: 114 Resp: 385274
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.8 0.0 30.8

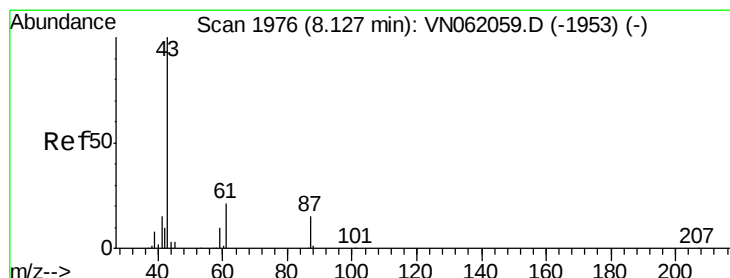
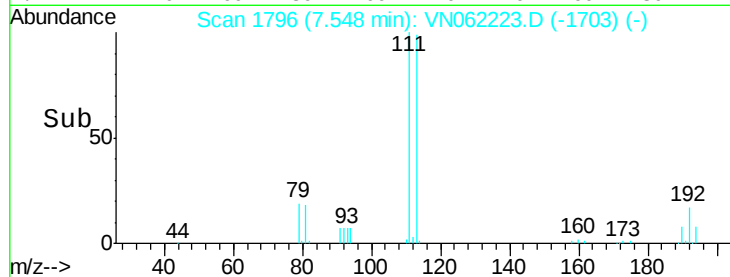
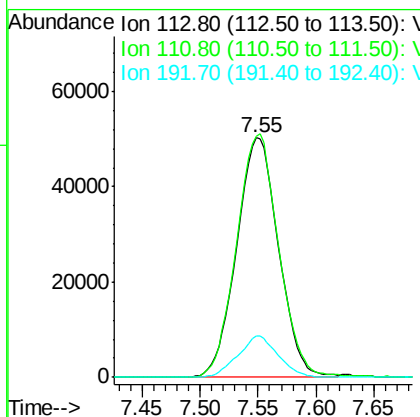
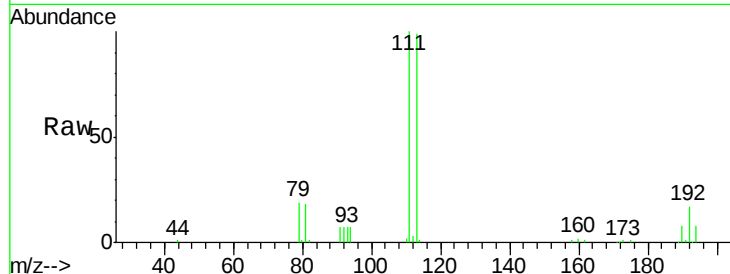




#35
 Dibromofluoromethane
 Concen: 51.115 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062223.D
 Acq: 30 Jun 2020 6:36

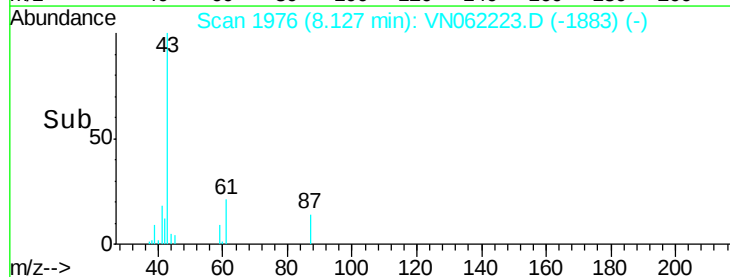
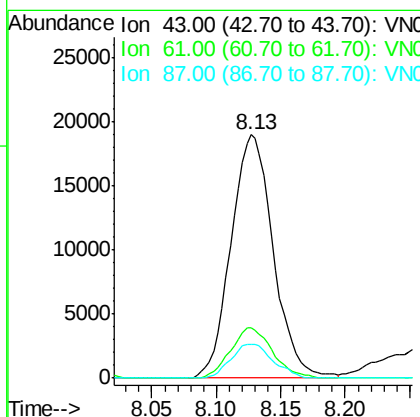
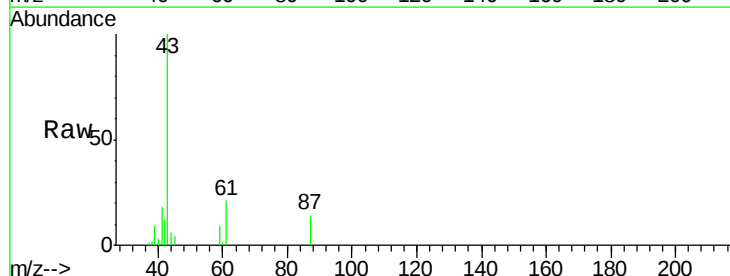
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-570-572

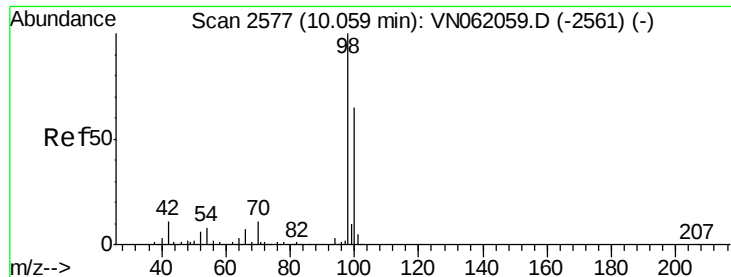
Tot Ion:113 Resp: 126342
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 16.5 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 8.242 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062223.D
 Acq: 30 Jun 2020 6:36

Tgt Ion: 43 Resp: 43084
 Ion Ratio Lower Upper
 43 100
 61 20.4 17.2 25.8
 87 13.7 12.1 18.1





#50

Toluene-d8

Concen: 51.557 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062223.D

Acq: 30 Jun 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

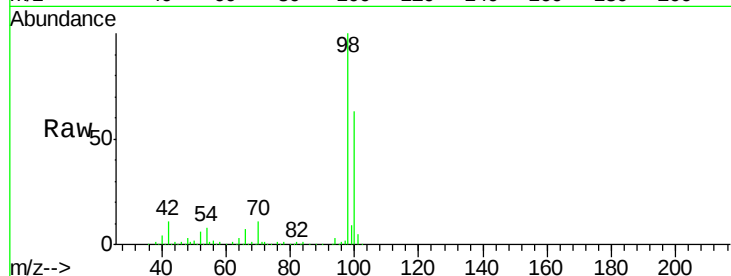
BP-MW180-SOIL-570-572

Tot Ion: 98 Resp: 509395

Ion Ratio Lower Upper

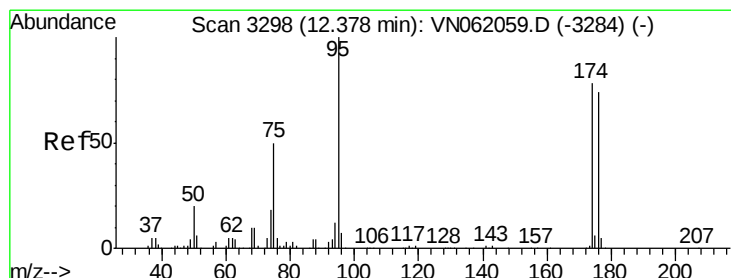
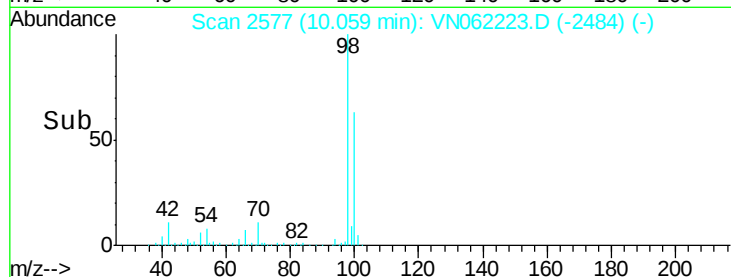
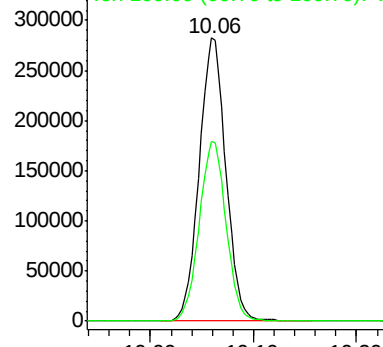
98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.110 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062223.D

Acq: 30 Jun 2020 6:36

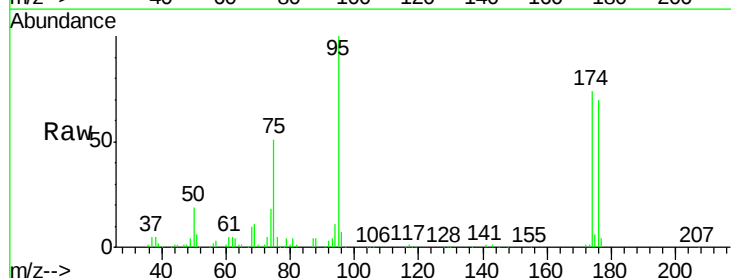
Tgt Ion: 95 Resp: 160599

Ion Ratio Lower Upper

95 100

174 75.5 0.0 154.8

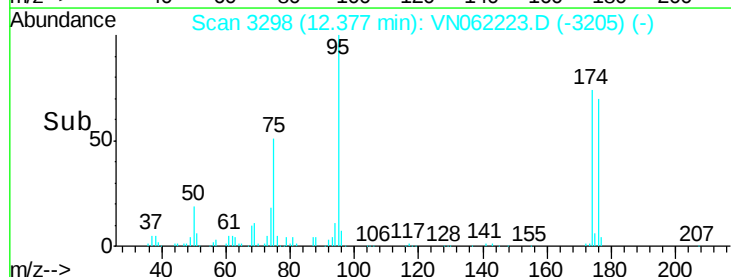
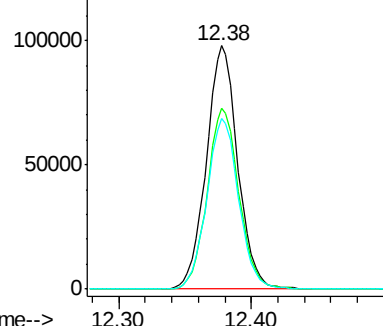
176 71.1 0.0 147.4

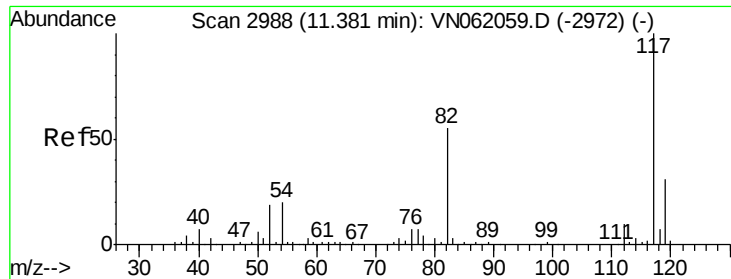


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062223.D

Acq: 30 Jun 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-570-572

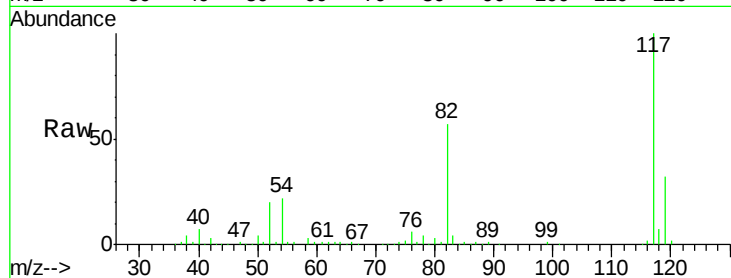
Tot Ion:117 Resp: 387797

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

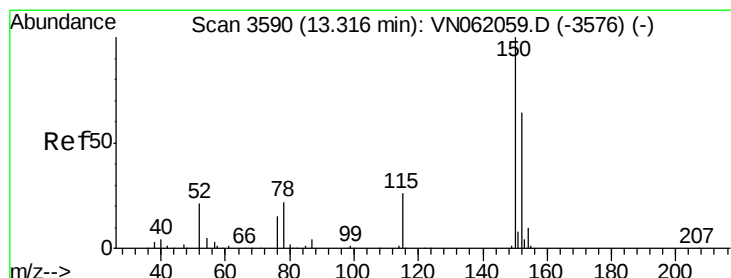
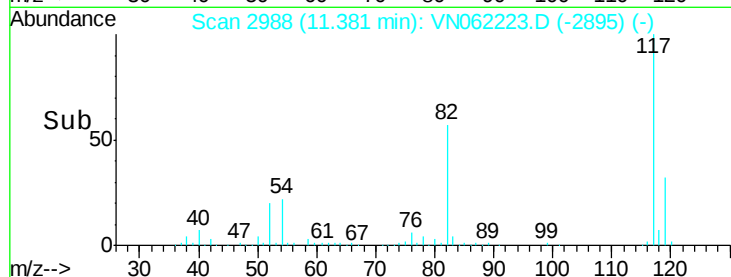
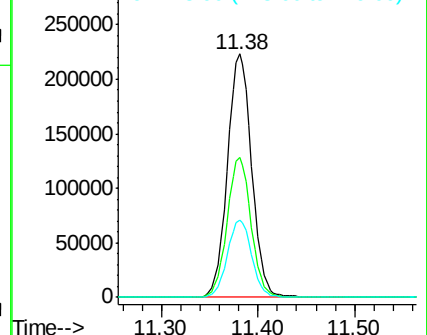
119 31.8 25.2 37.8



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: VN062223.D

Acq: 30 Jun 2020 6:36

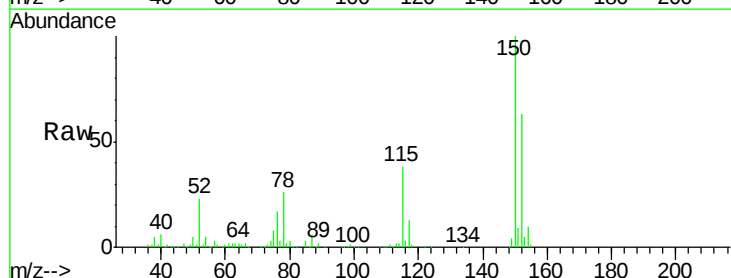
Tgt Ion:152 Resp: 133508

Ion Ratio Lower Upper

152 100

115 60.7 29.5 88.5

150 157.8 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

