

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062329.D
 Acq On : 2 Jul 2020 7:58
 Operator : JC/MD
 Sample : L3164-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-594-598

Quant Time: Jul 02 08:46:43 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

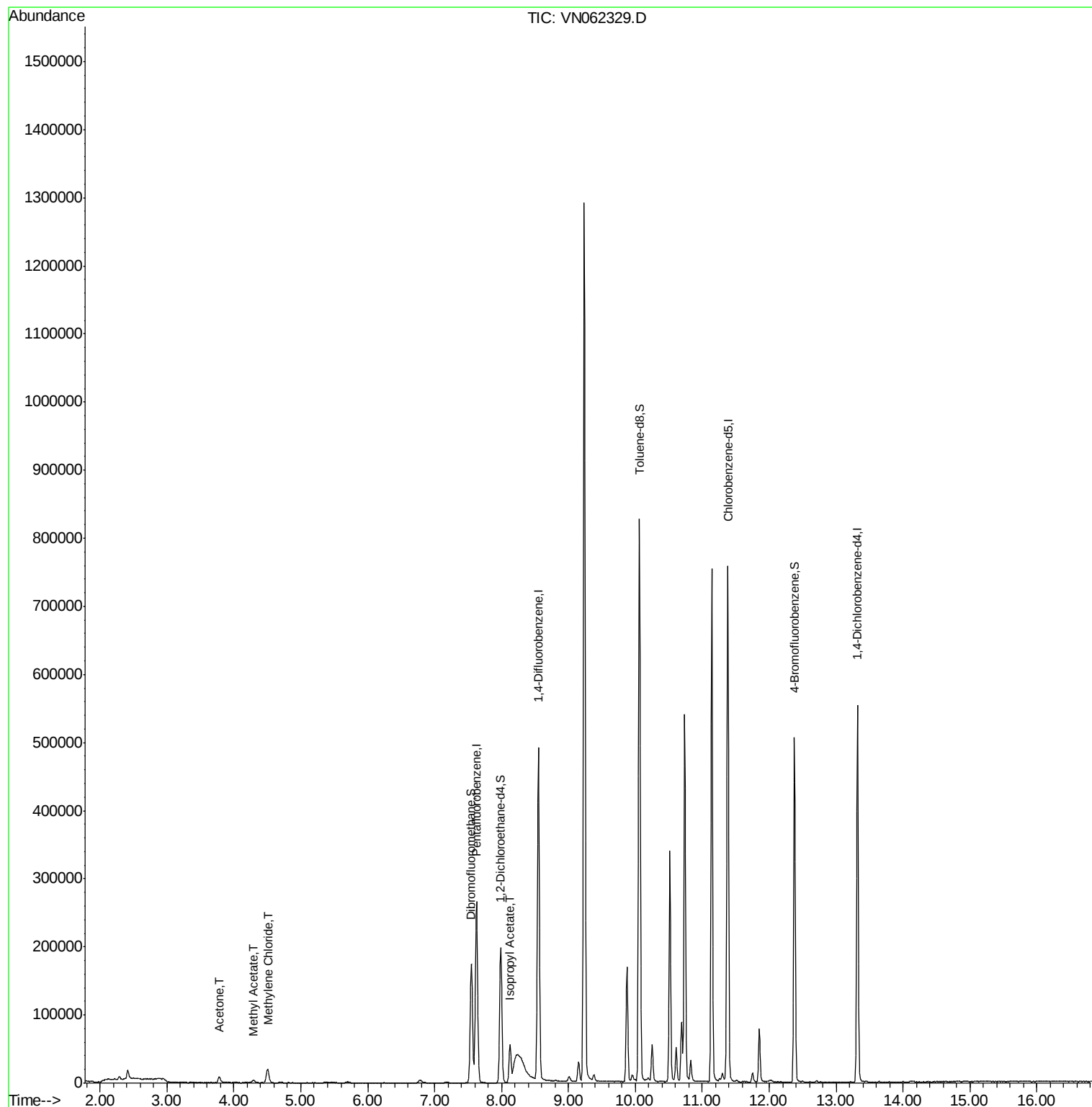
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171303	60.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.90%	
35) Dibromofluoromethane	7.55	113	135860	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	10.06	98	564853	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.38	95	175620	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
Target Compounds						
16) Acetone	3.78	43	14874	13.020	ug/l	94
18) Methyl Acetate	4.28	43	8192	3.666	ug/l #	50
20) Methylene Chloride	4.51	84	14941	5.598	ug/l #	83
43) Isopropyl Acetate	8.13	43	64169	10.921	ug/l	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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ClientSampleId :

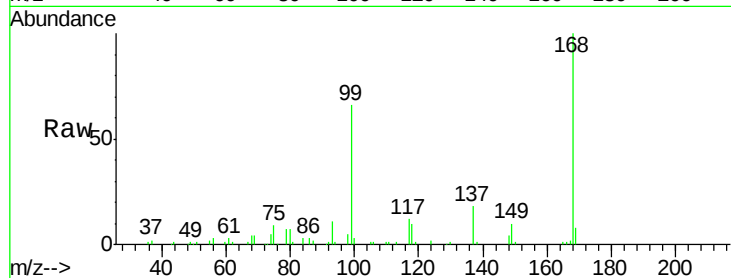
BP-MW180-SOIL-594-598

Tot Ion:168 Resp: 200283

Ion Ratio Lower Upper

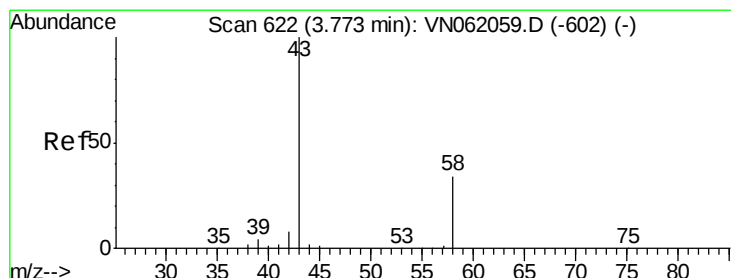
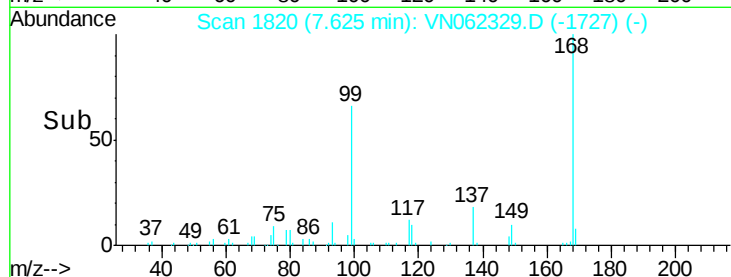
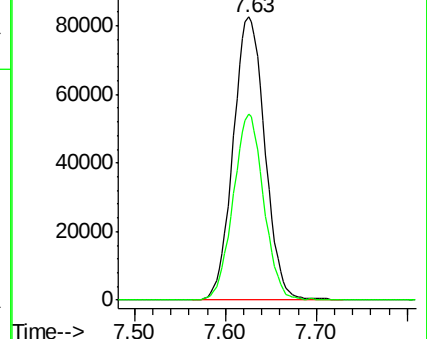
168 100

99 65.9 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: 13.020 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062329.D

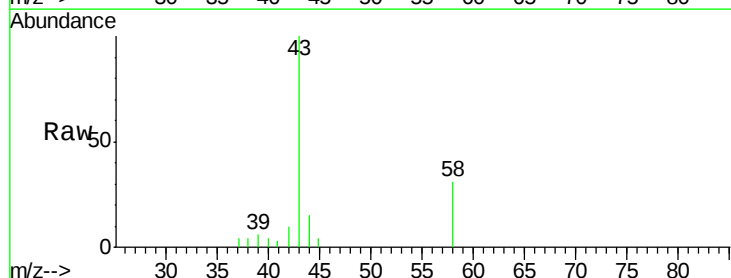
Acq: 2 Jul 2020 7:58

Tgt Ion: 43 Resp: 14874

Ion Ratio Lower Upper

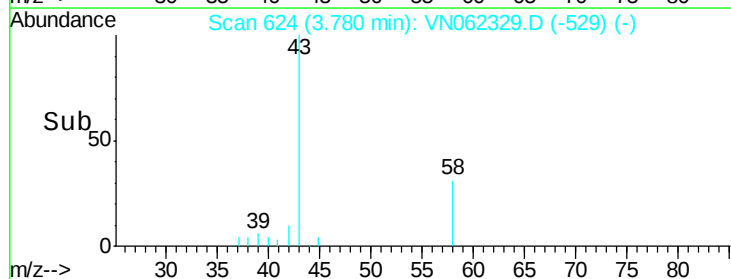
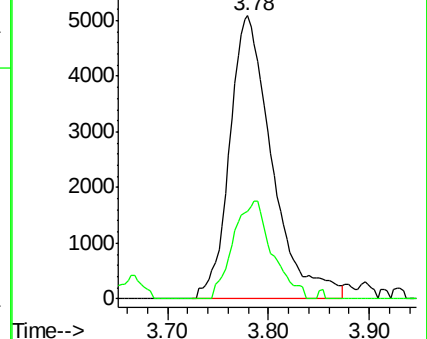
43 100

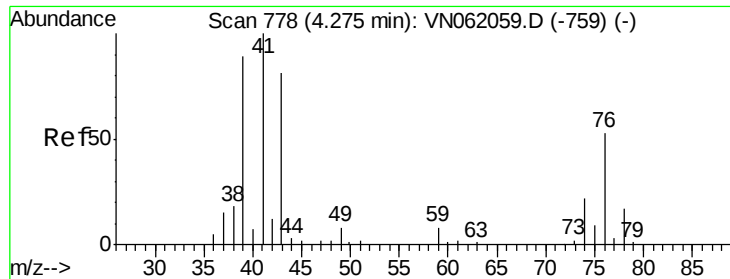
58 31.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

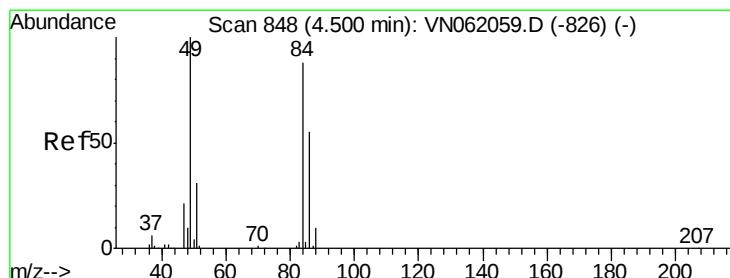
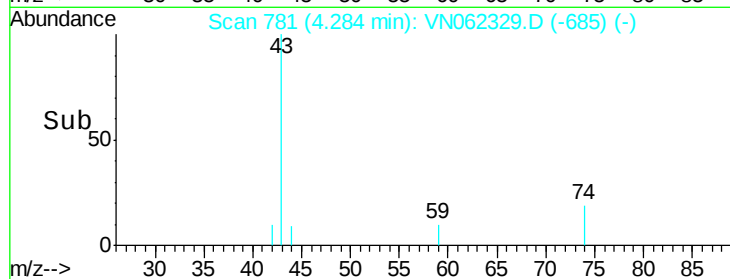
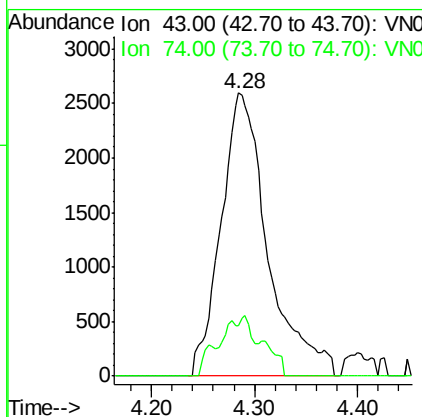
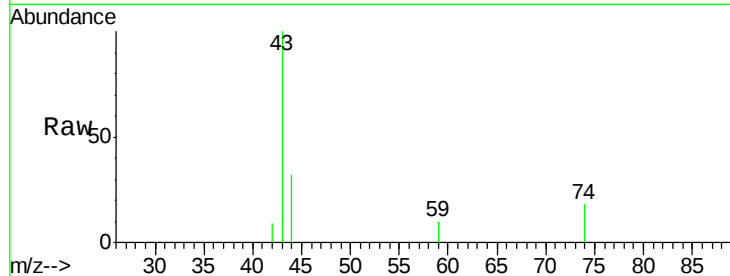




#18
Methyl Acetate
Concen: 3.666 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062329.D
Acq: 2 Jul 2020 7:58

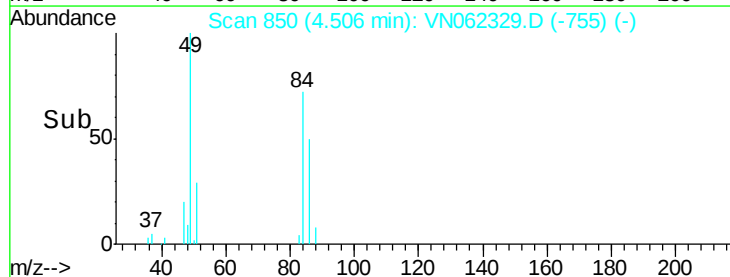
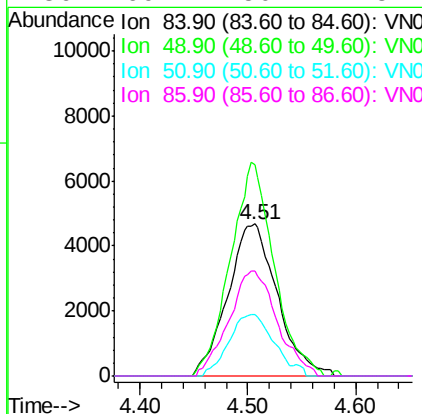
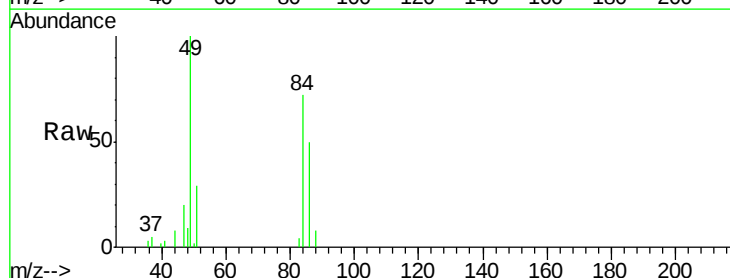
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-594-598

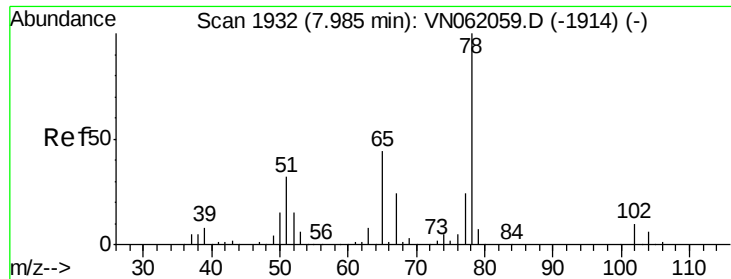
Tot Ion: 43 Resp: 8192
Ion Ratio Lower Upper
43 100
74 2.0 22.9 34.3#



#20
Methylene Chloride
Concen: 5.598 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062329.D
Acq: 2 Jul 2020 7:58

Tgt Ion: 84 Resp: 14941
Ion Ratio Lower Upper
84 100
49 139.5 90.6 136.0#
51 40.4 27.8 41.8
86 69.4 50.1 75.1

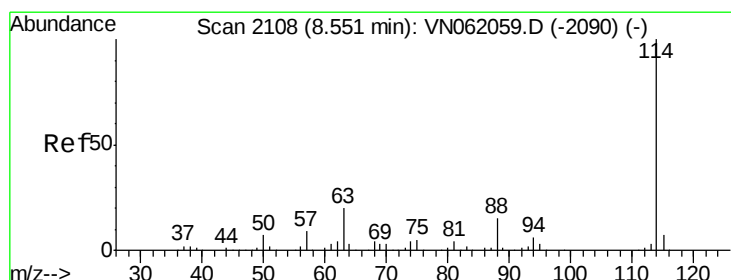
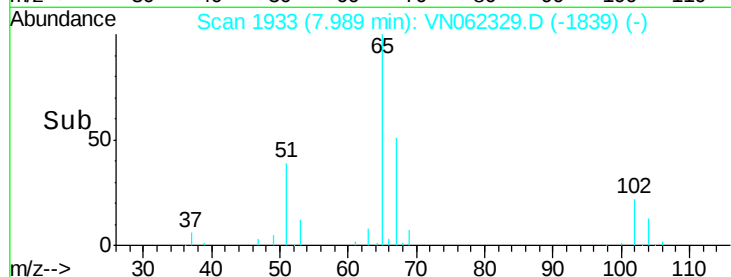
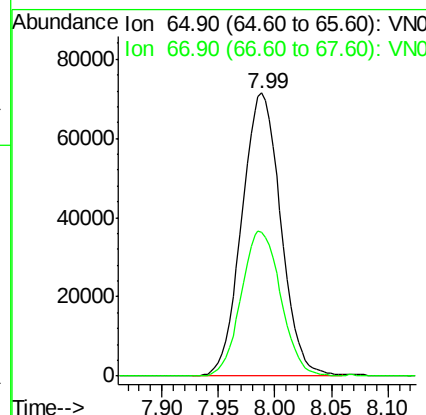
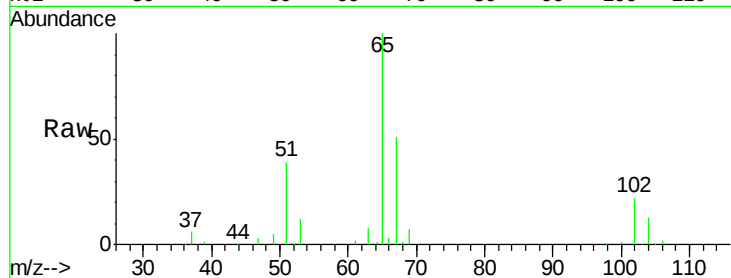




#33
 1,2-Dichloroethane-d4
 Concen: 60.948 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062329.D
 Acq: 2 Jul 2020 7:58

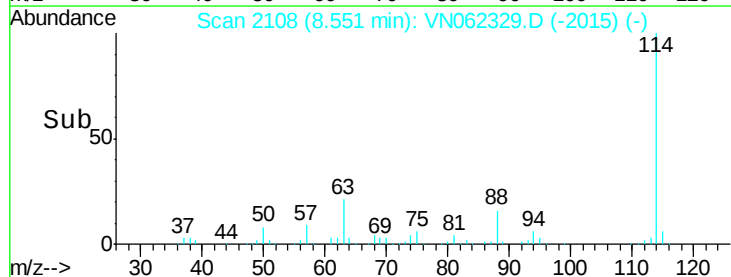
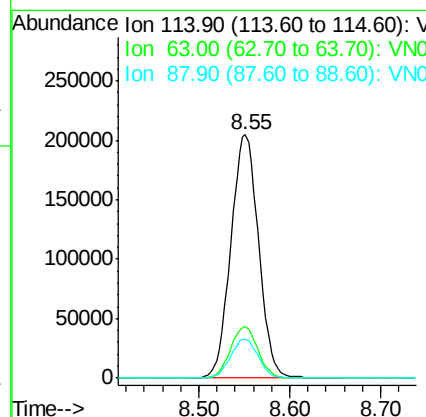
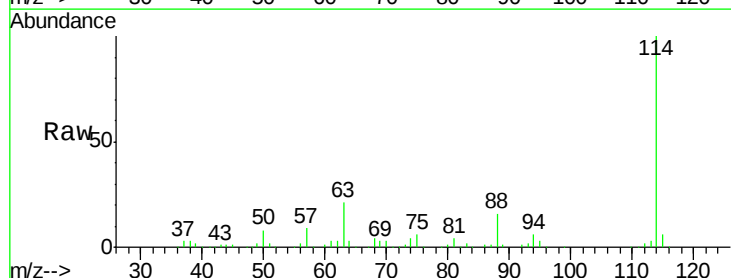
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-594-598

Tot Ion: 65 Resp: 171303
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VN062329.D
 Acq: 2 Jul 2020 7:58

Tgt Ion: 114 Resp: 433066
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.2
 88 16.2 0.0 30.8

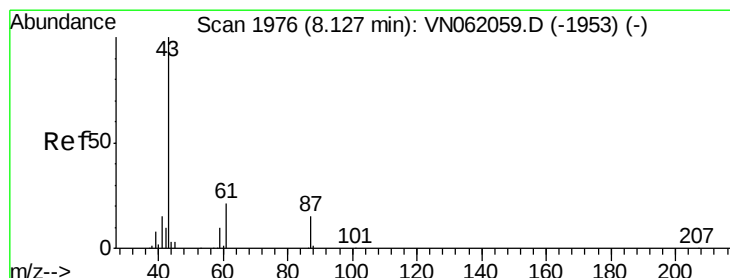
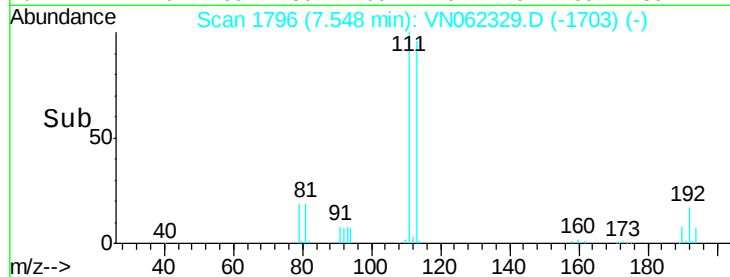
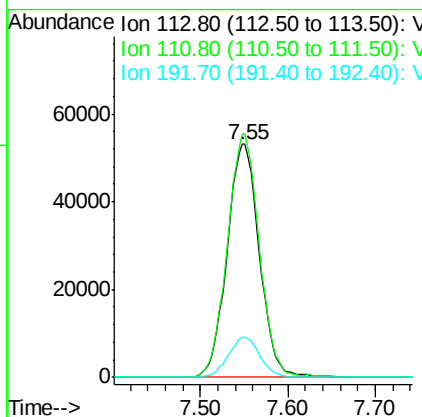
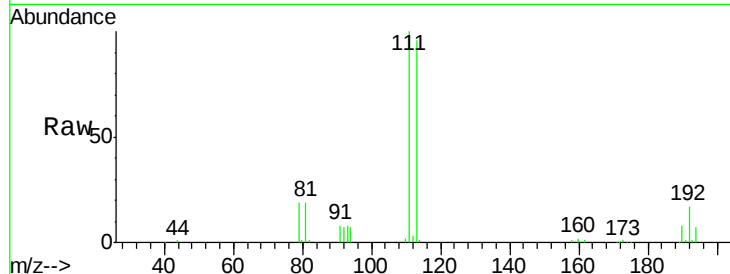




#35
 Dibromofluoromethane
 Concen: 48.900 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062329.D
 Acq: 2 Jul 2020 7:58

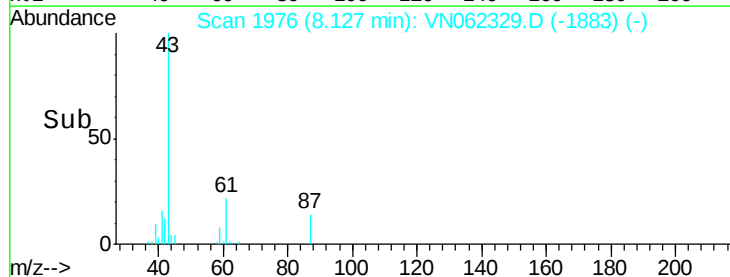
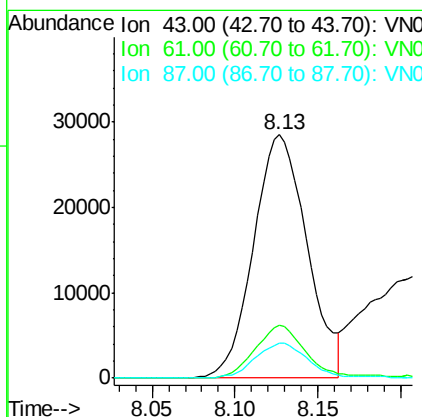
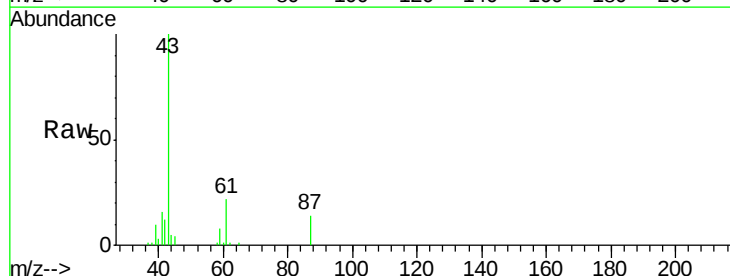
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-594-598

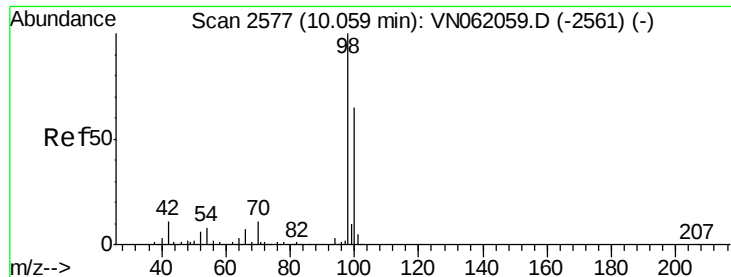
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	16.8	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 10.921 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062329.D
 Acq: 2 Jul 2020 7:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.2	25.8
87	14.0	12.1	18.1





#50

Toluene-d8

Concen: 50.861 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062329.D

Acq: 2 Jul 2020 7:58

Instrument :

MSVOA_N

ClientSampleId :

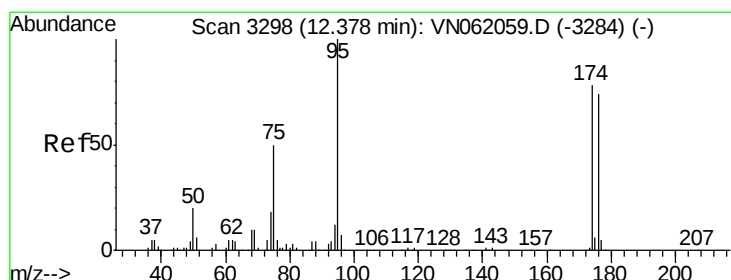
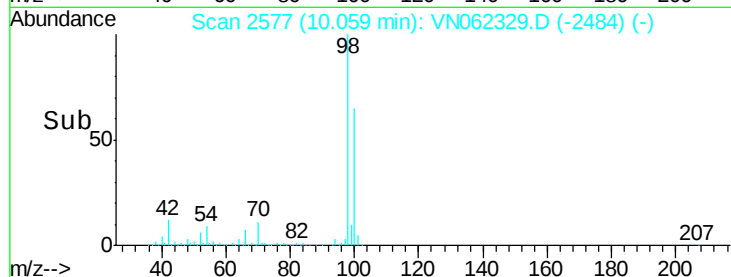
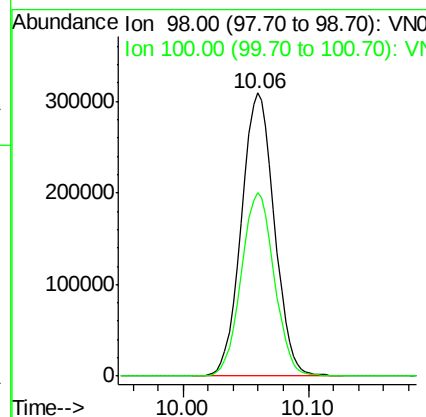
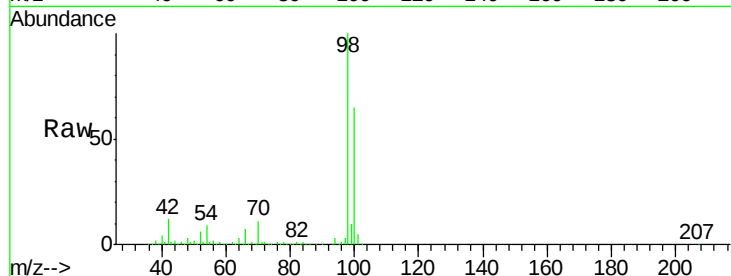
BP-MW180-SOIL-594-598

Tot Ion: 98 Resp: 564853

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.804 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062329.D

Acq: 2 Jul 2020 7:58

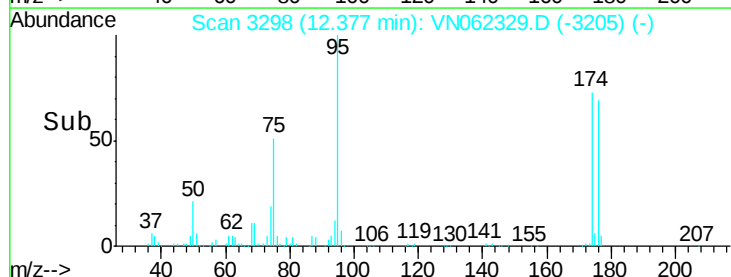
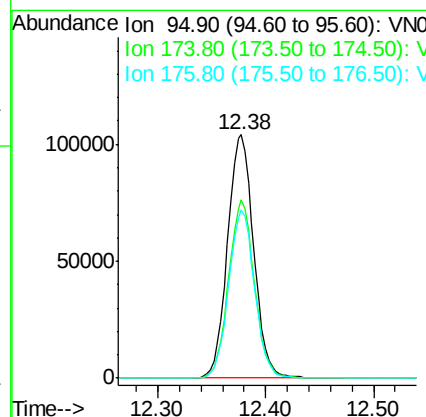
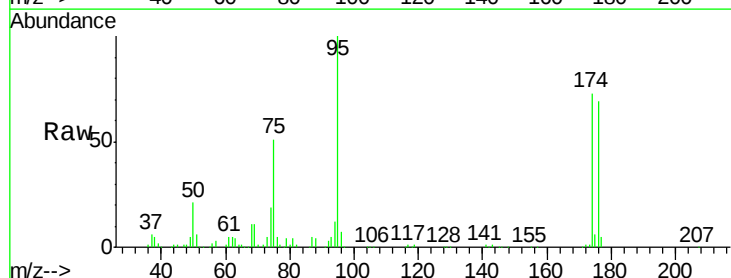
Tgt Ion: 95 Resp: 175620

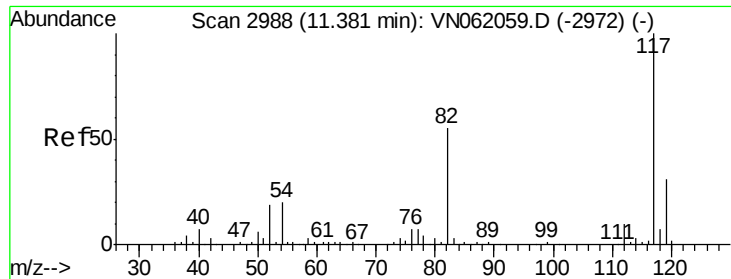
Ion Ratio Lower Upper

95 100

174 72.3 0.0 154.8

176 68.4 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062329.D

Acq: 2 Jul 2020 7:58

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-594-598

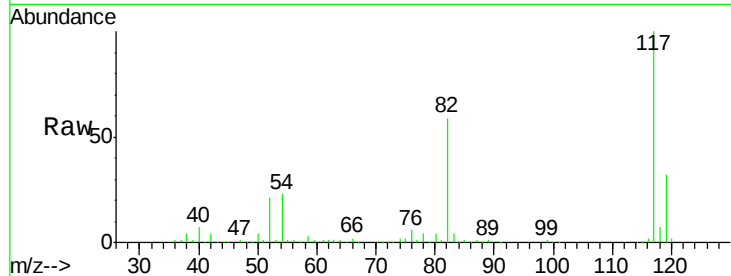
Tot Ion:117 Resp: 422998

Ion Ratio Lower Upper

117 100

82 59.3 43.8 65.8

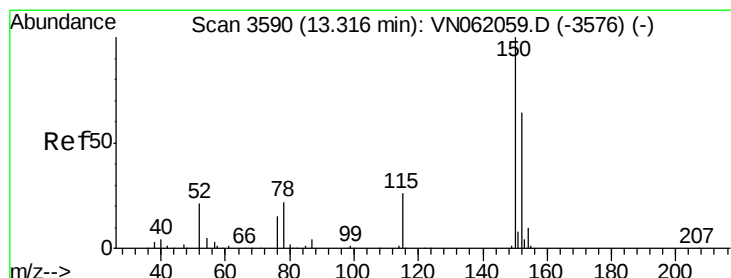
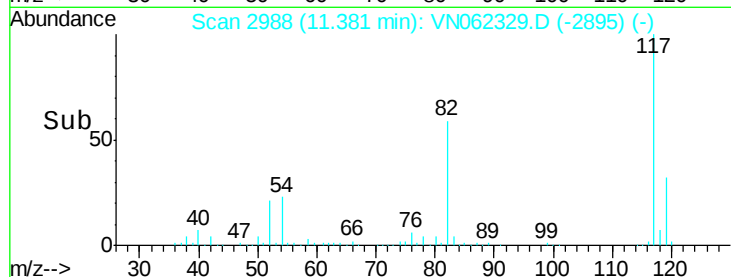
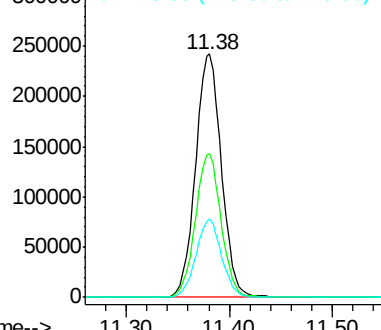
119 32.2 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN062329.D

Acq: 2 Jul 2020 7:58

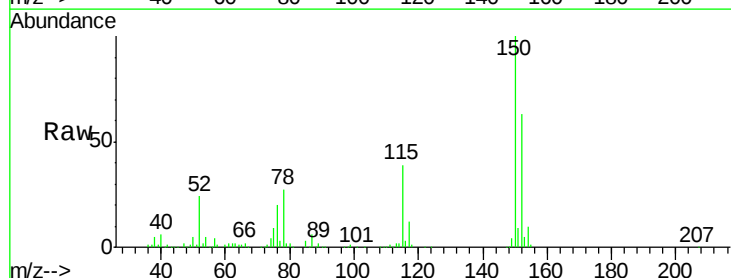
Tgt Ion:152 Resp: 142043

Ion Ratio Lower Upper

152 100

115 60.9 29.5 88.5

150 156.7 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

