

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062357.D
 Acq On : 3 Jul 2020 00:57
 Operator : JC/MD
 Sample : L3164-06RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jul 03 04:41:38 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

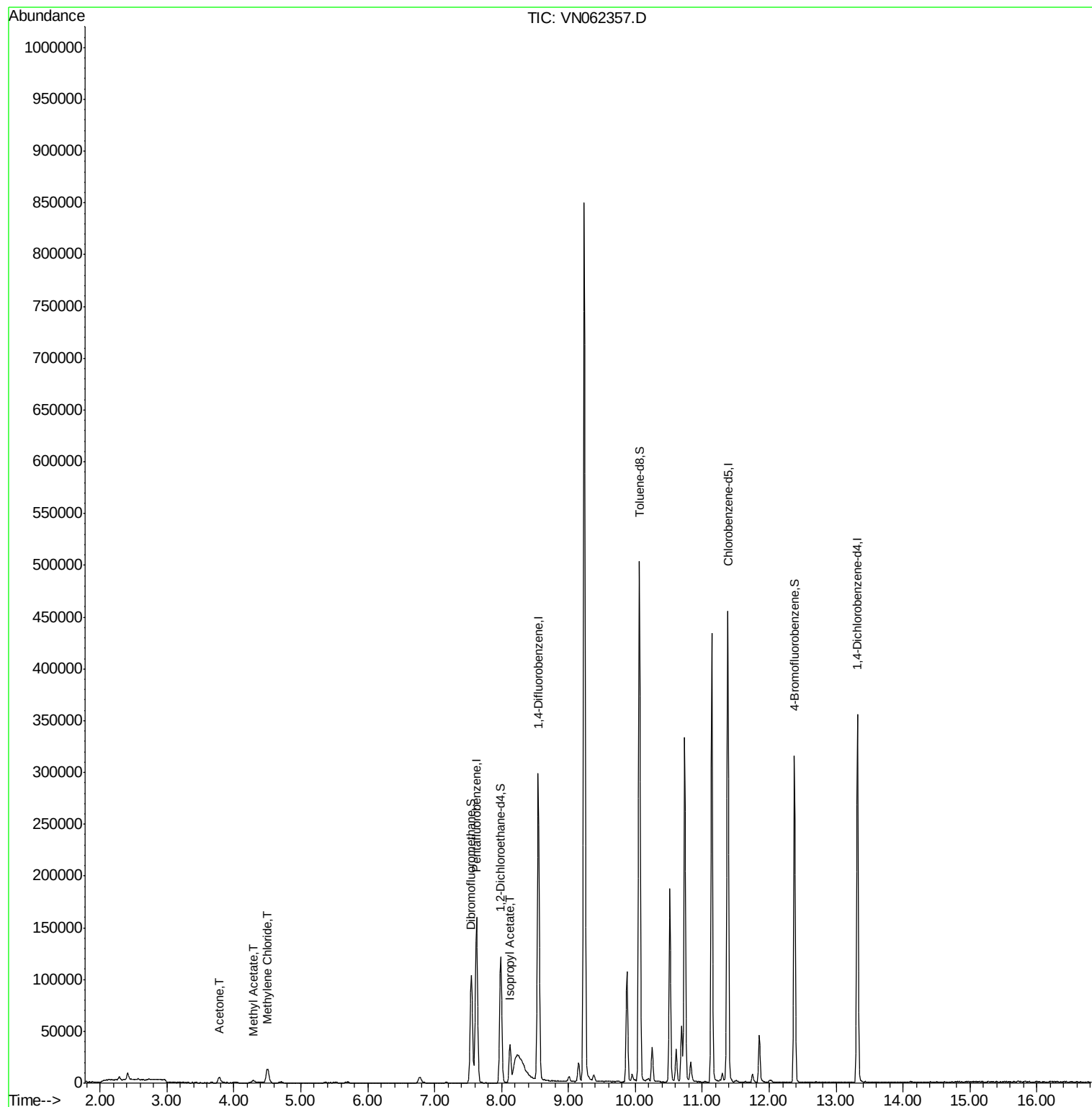
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	121554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	257141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103276	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
35) Dibromofluoromethane	7.55	113	82391	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.06	98	341394	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	109057	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
Target Compounds						
16) Acetone	3.78	43	9872	14.623	ug/l	96
18) Methyl Acetate	4.28	43	4772	3.519	ug/l #	75
20) Methylene Chloride	4.50	84	10917	6.784	ug/l	92
43) Isopropyl Acetate	8.13	43	41700	11.870	ug/l	97

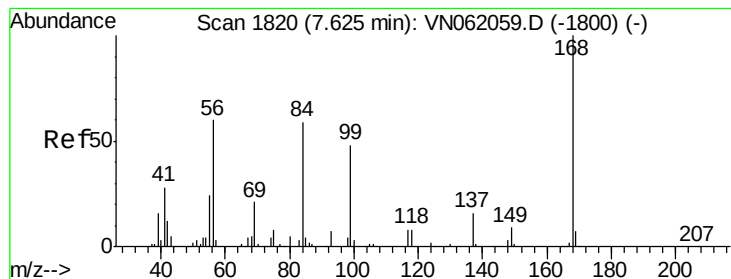
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070220\
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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: VN062357.D

Acq: 3 Jul 2020 00:57

Instrument :

MSVOA_N

ClientSampleId :

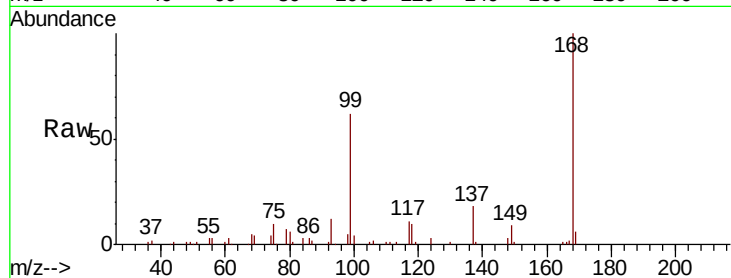
BP-MW180-SOIL-594-598RE

Tot Ion:168 Resp: 121554

Ion Ratio Lower Upper

168 100

99 62.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062357.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062357.D (-1727) (-)

7.63

60000

50000

40000

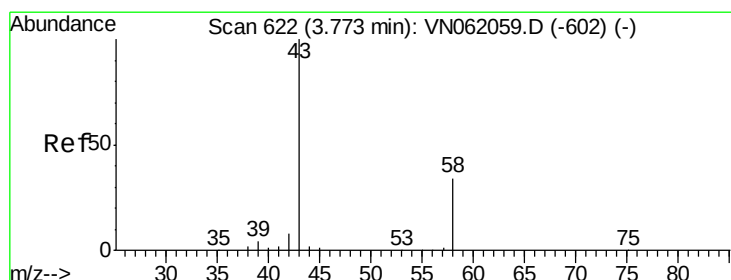
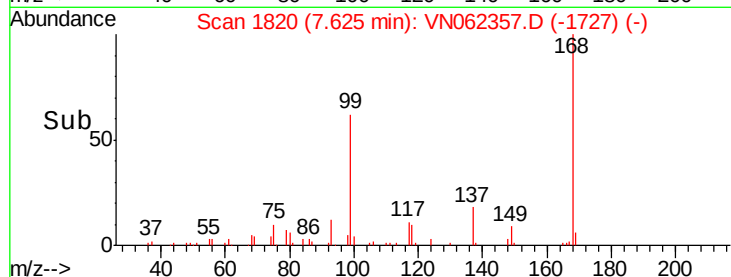
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 14.623 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062357.D

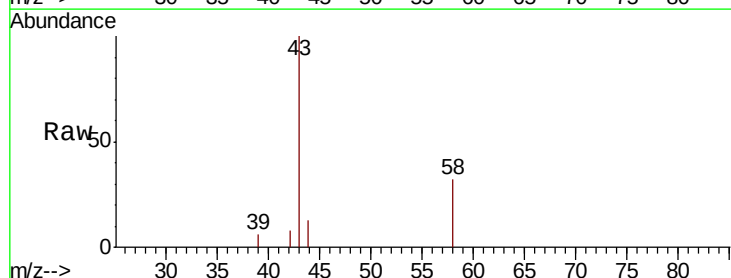
Acq: 3 Jul 2020 00:57

Tgt Ion: 43 Resp: 9872

Ion Ratio Lower Upper

43 100

58 32.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062357.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062357.D (-529) (-)

3.78

4000

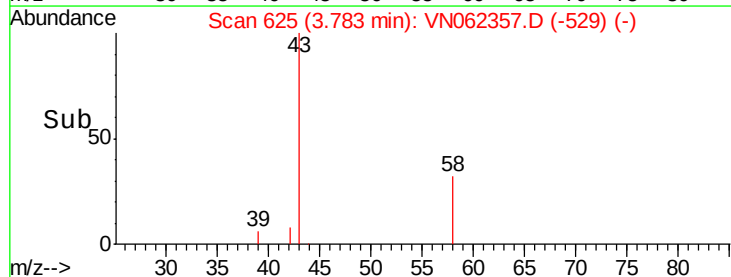
3000

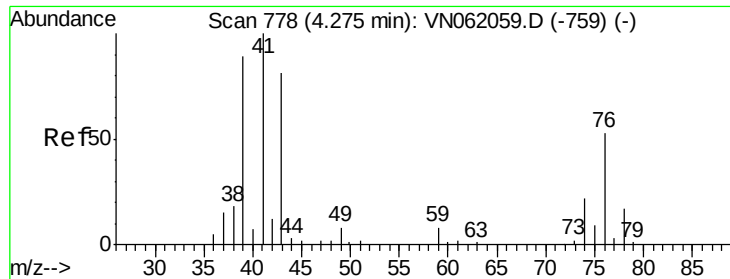
2000

1000

0

Time-->

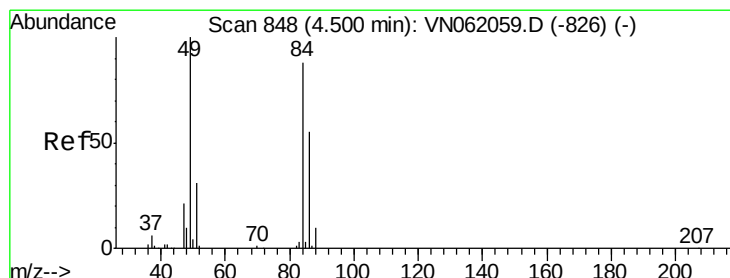
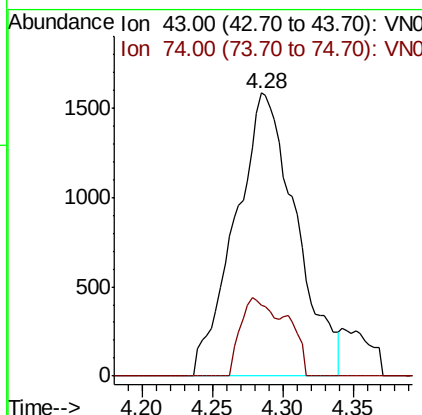
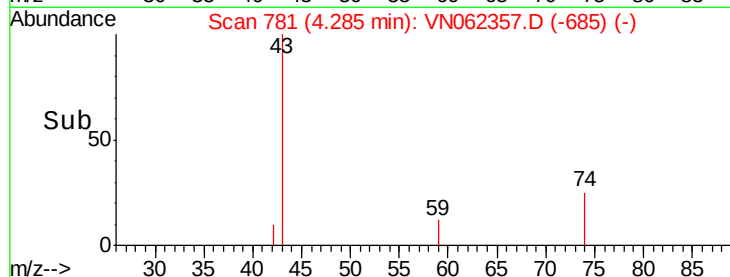
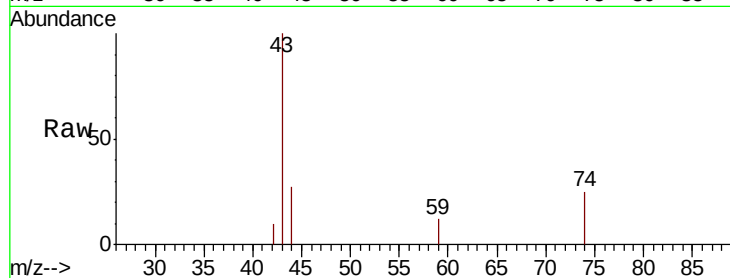




#18
Methyl Acetate
Concen: 3.519 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062357.D
Acq: 3 Jul 2020 00:57

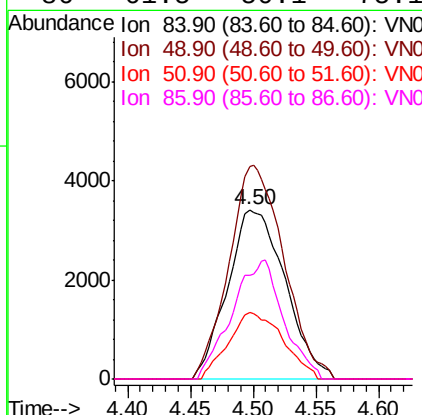
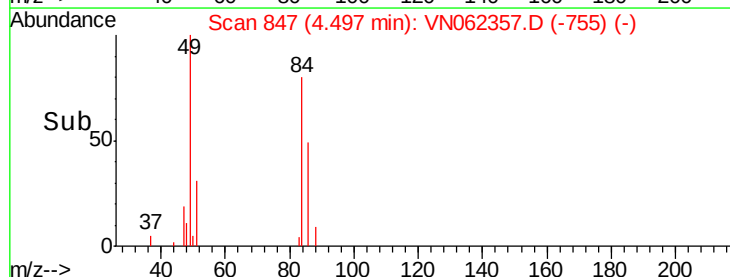
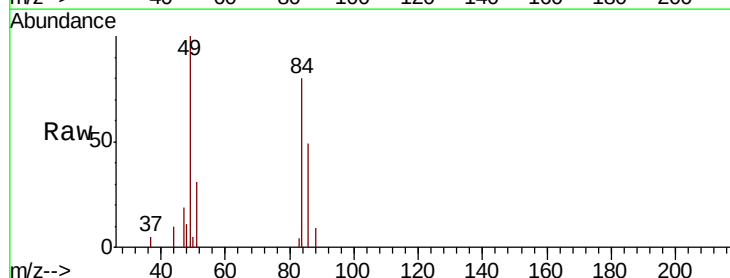
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-594-598RE

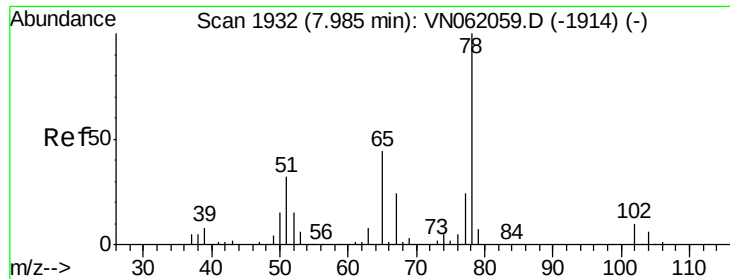
Tot Ion: 43 Resp: 4772
Ion Ratio Lower Upper
43 100
74 15.3 22.9 34.3#



#20
Methylene Chloride
Concen: 6.784 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062357.D
Acq: 3 Jul 2020 00:57

Tgt Ion: 84 Resp: 10917
Ion Ratio Lower Upper
84 100
49 125.6 90.6 136.0
51 39.3 27.8 41.8
86 61.5 50.1 75.1

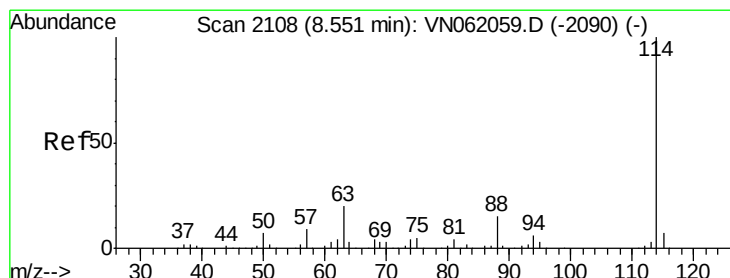
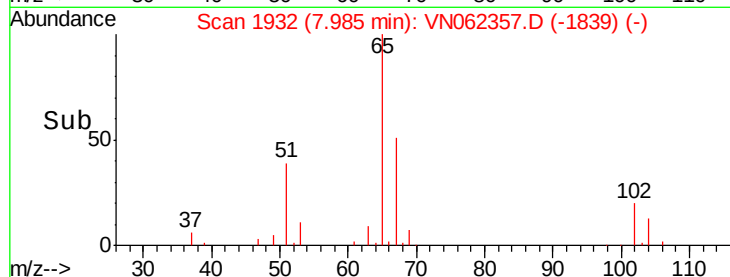
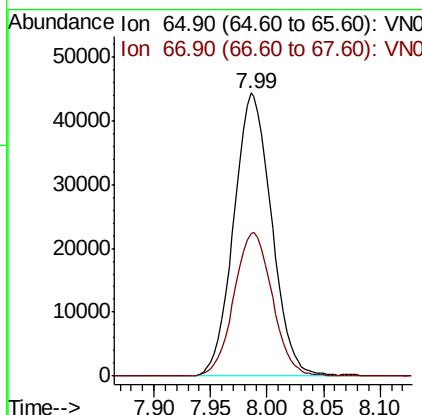
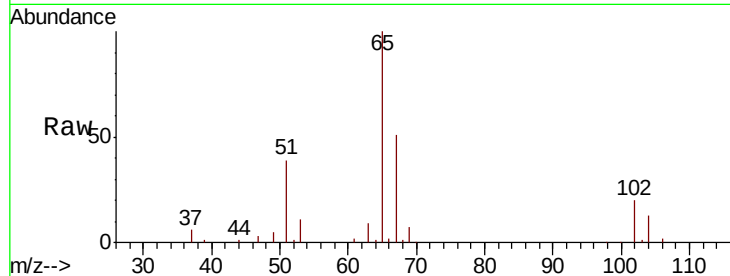




#33
 1,2-Dichloroethane-d4
 Concen: 60.544 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062357.D
 Acq: 3 Jul 2020 00:57

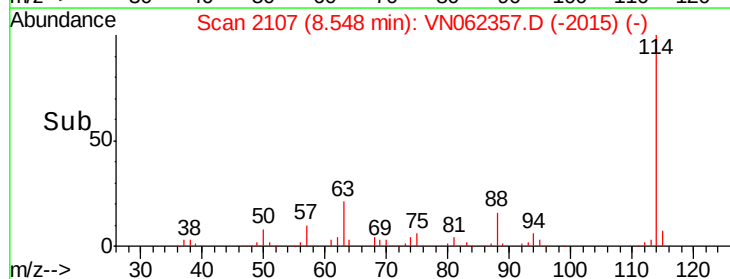
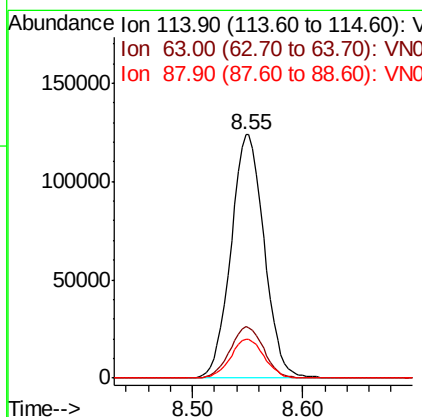
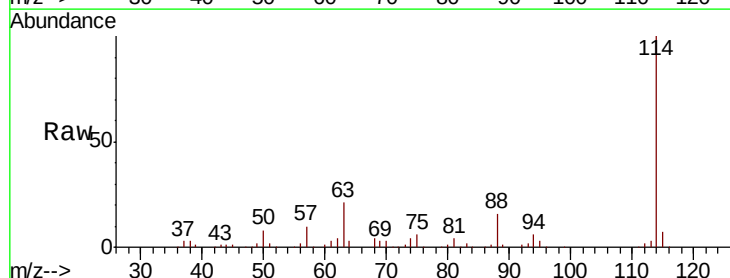
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-594-598RE

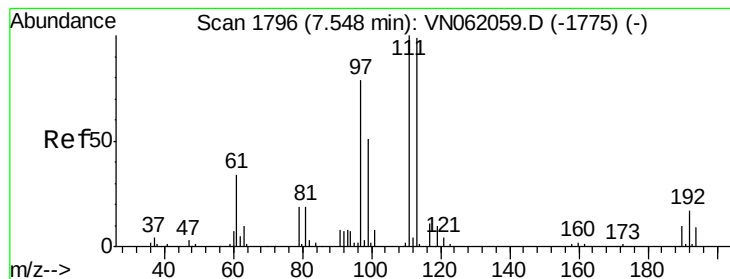
Tot Ion: 65 Resp: 103276
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062357.D
 Acq: 3 Jul 2020 00:57

Tgt Ion: 114 Resp: 258930
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.2
 88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.598 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062357.D

Acq: 3 Jul 2020 00:57

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-594-598RE

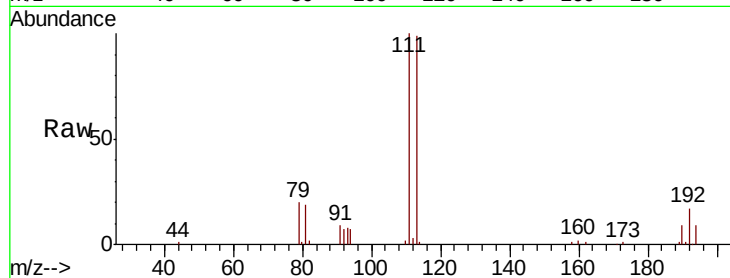
Tot Ion:113 Resp: 82391

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

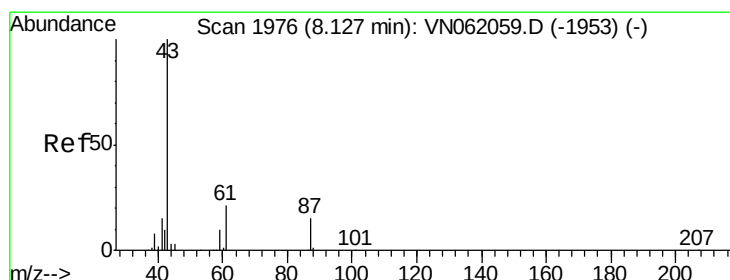
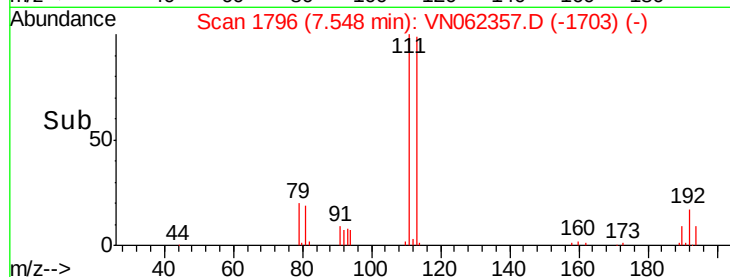
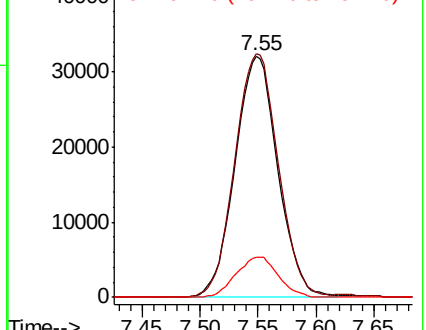
192 16.4 14.0 21.0



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



#43

Isopropyl Acetate

Concen: 11.870 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062357.D

Acq: 3 Jul 2020 00:57

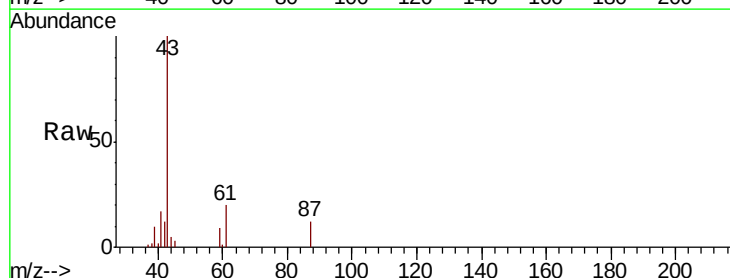
Tgt Ion: 43 Resp: 41700

Ion Ratio Lower Upper

43 100

61 20.4 17.2 25.8

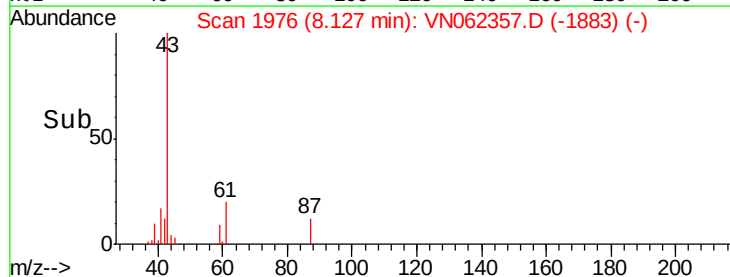
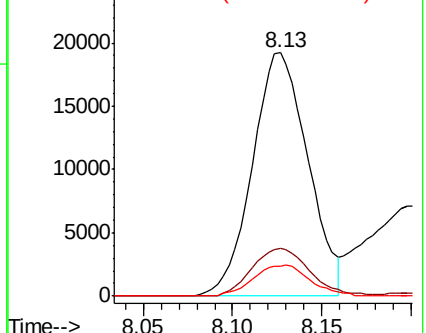
87 13.0 12.1 18.1

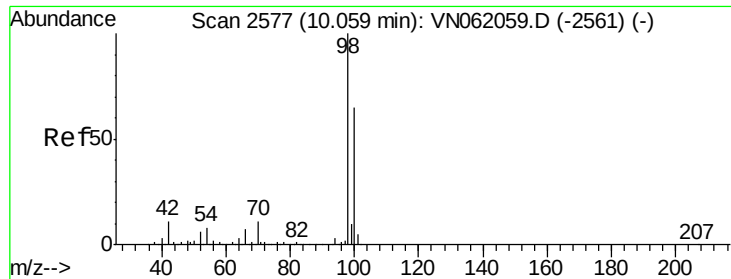


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.413 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062357.D

Acq: 3 Jul 2020 00:57

Instrument :

MSVOA_N

ClientSampleId :

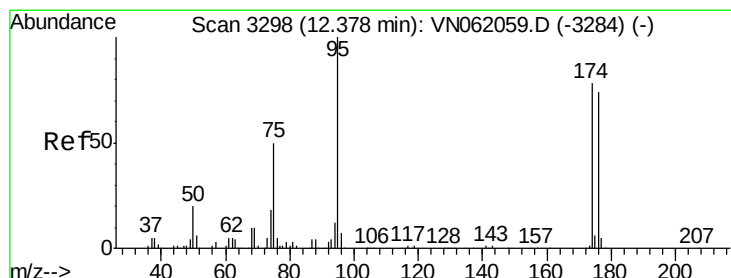
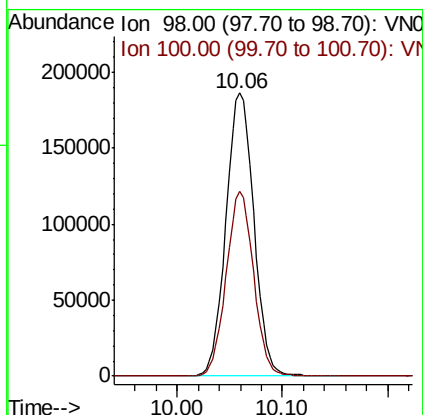
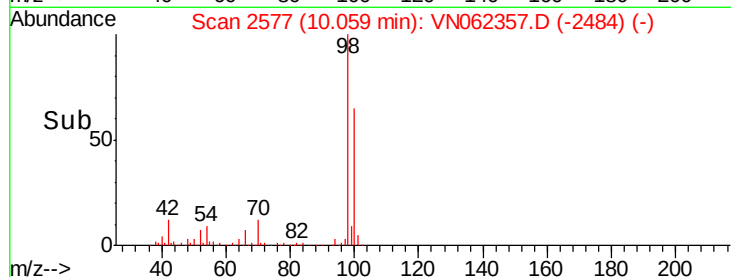
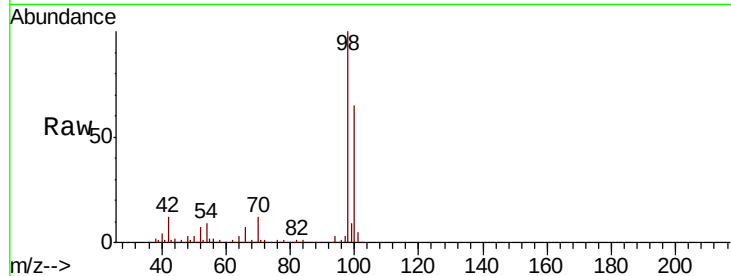
BP-MW180-SOIL-594-598RE

Tot Ion: 98 Resp: 341394

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.611 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062357.D

Acq: 3 Jul 2020 00:57

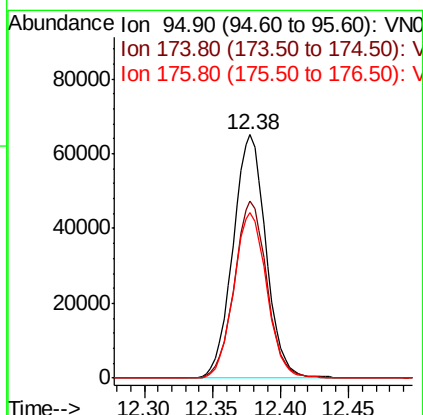
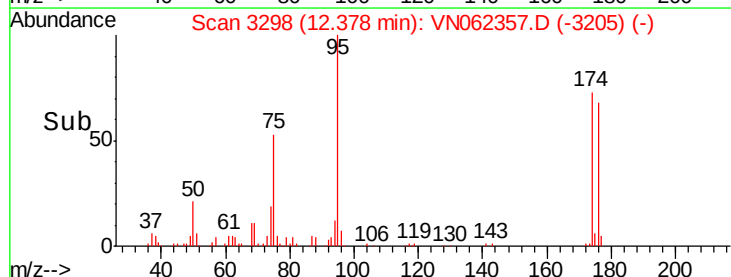
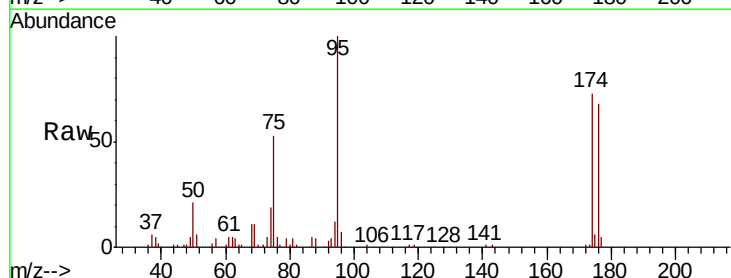
Tgt Ion: 95 Resp: 109057

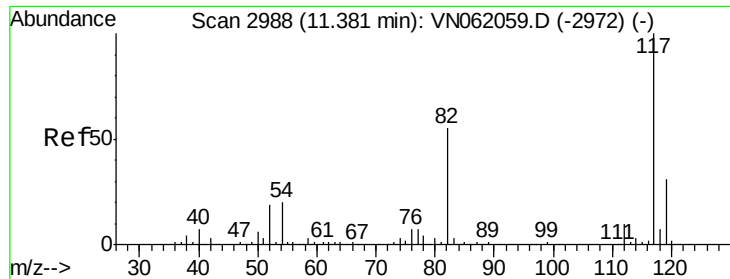
Ion Ratio Lower Upper

95 100

174 72.0 0.0 154.8

176 68.3 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: VN062357.D

Acq: 3 Jul 2020 00:57

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-594-598RE

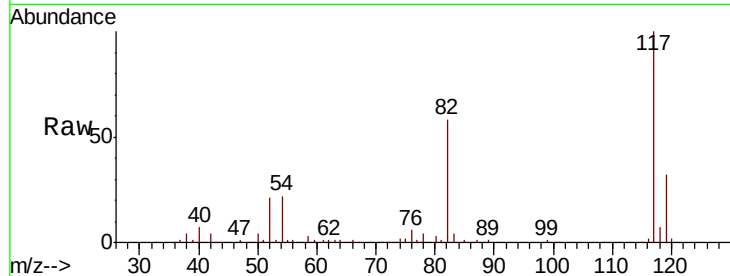
Tot Ion:117 Resp: 257141

Ion Ratio Lower Upper

117 100

82 58.1 43.8 65.8

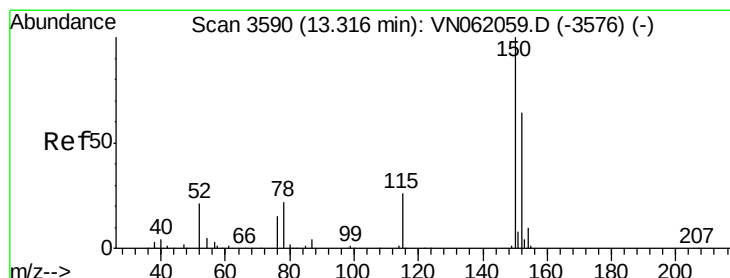
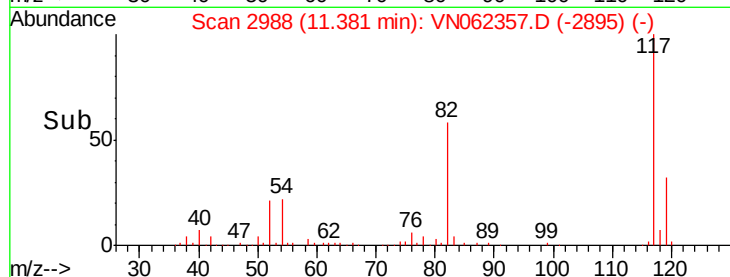
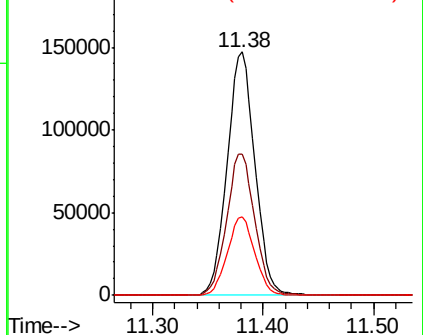
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN062357.D

Acq: 3 Jul 2020 00:57

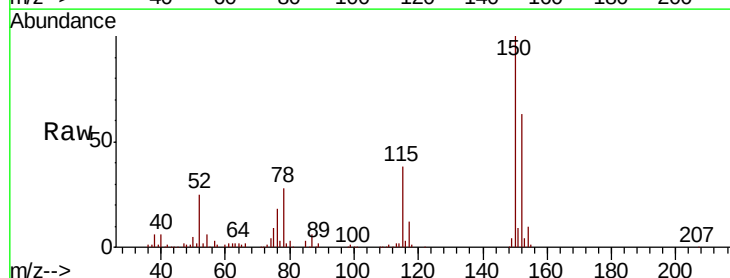
Tgt Ion:152 Resp: 90556

Ion Ratio Lower Upper

152 100

115 62.2 29.5 88.5

150 160.5 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

