

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062325.D
 Acq On : 2 Jul 2020 6:21
 Operator : JC/MD
 Sample : L3151-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-584-588

Quant Time: Jul 02 08:32:56 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

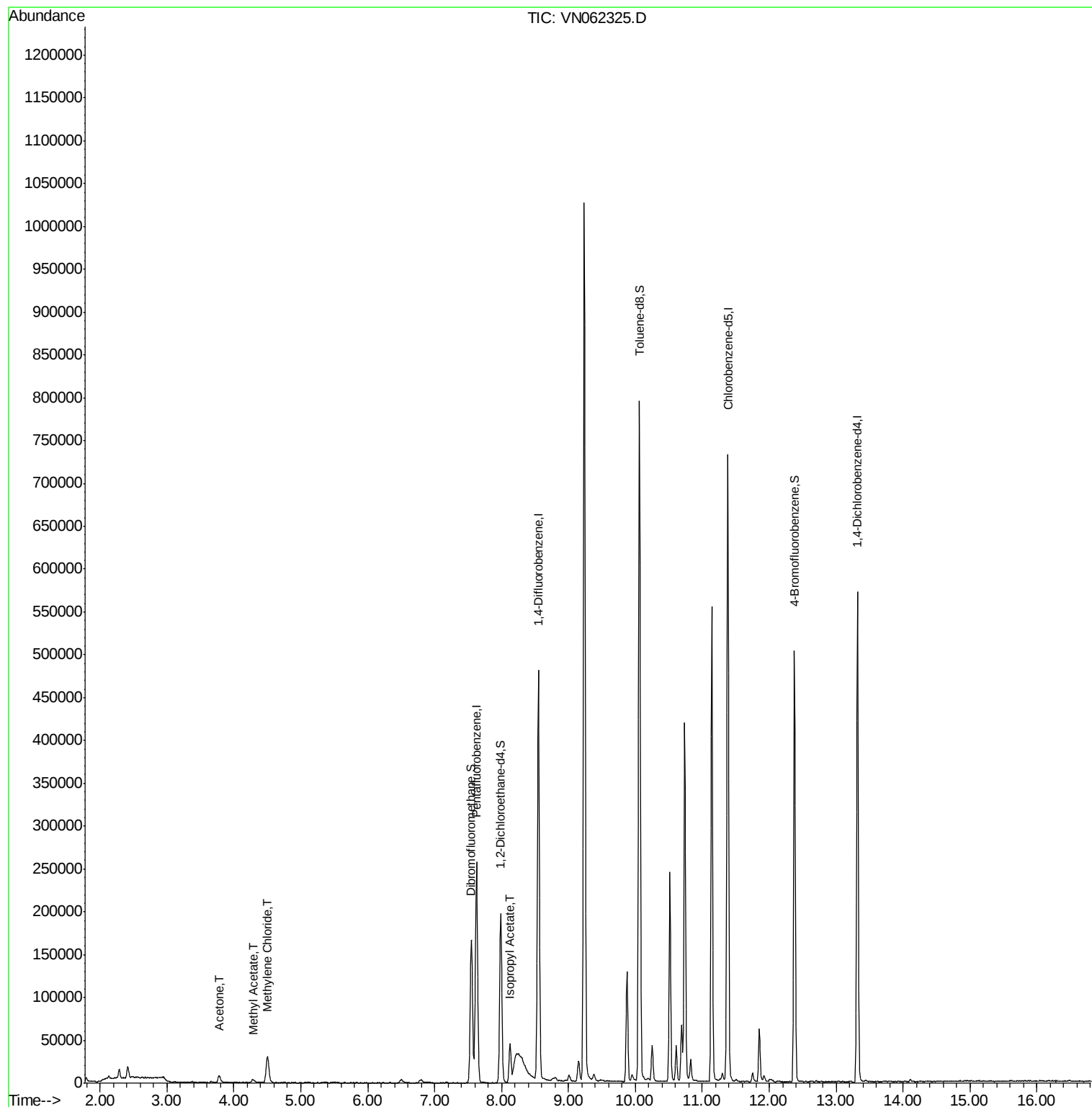
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	196555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164286	59.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.12%	
35) Dibromofluoromethane	7.55	113	131320	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	10.06	98	540907	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.38	95	176538	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
16) Acetone	3.78	43	14272	12.638	ug/l	95
18) Methyl Acetate	4.29	43	6985	3.186	ug/l #	86
20) Methylene Chloride	4.50	84	22145	8.566	ug/l	94
43) Isopropyl Acetate	8.13	43	50843	9.053	ug/l	98

(#) = 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

Lab File: VN062325.D

Acq: 2 Jul 2020 6:21

Instrument :

MSVOA_N

ClientSampleId :

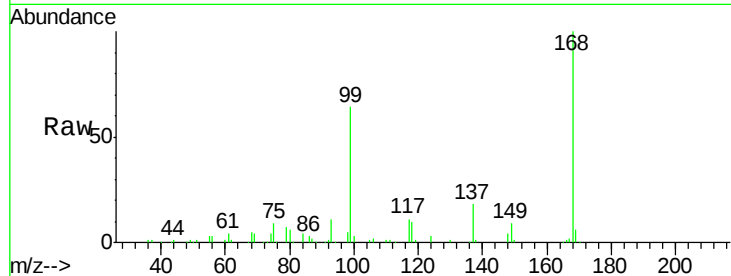
BP-MW180-SOIL-584-588

Tot Ion:168 Resp: 196555

Ion Ratio Lower Upper

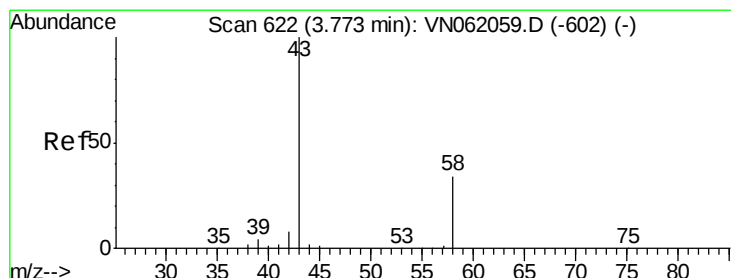
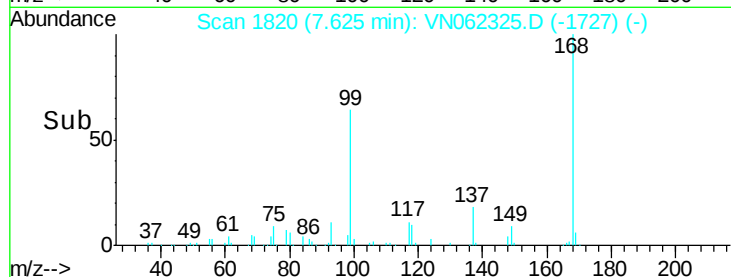
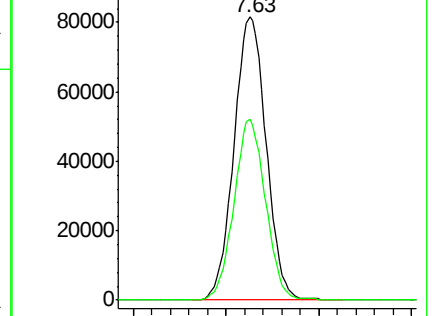
168 100

99 63.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.638 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062325.D

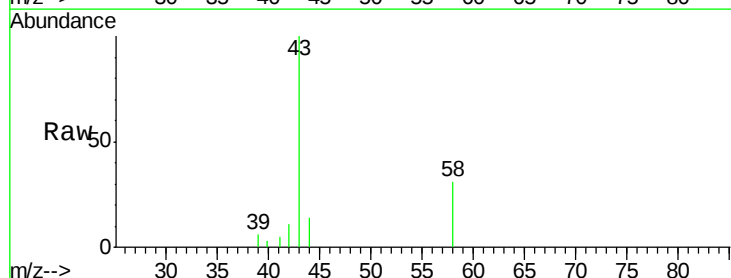
Acq: 2 Jul 2020 6:21

Tgt Ion: 43 Resp: 14272

Ion Ratio Lower Upper

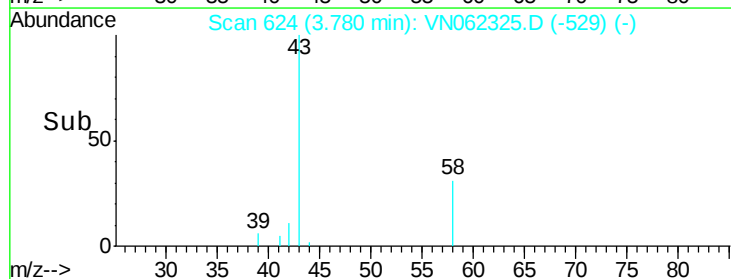
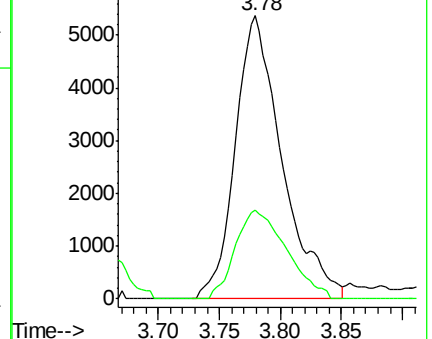
43 100

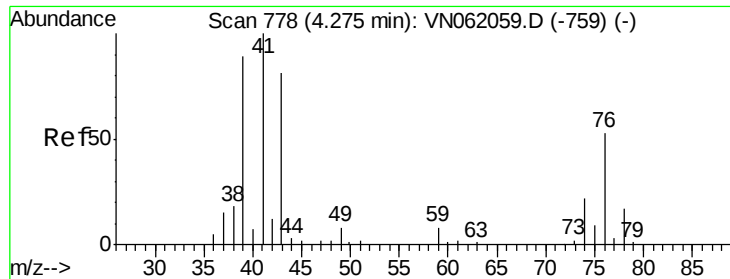
58 31.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

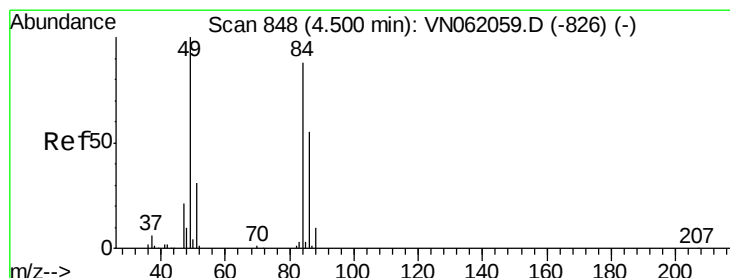
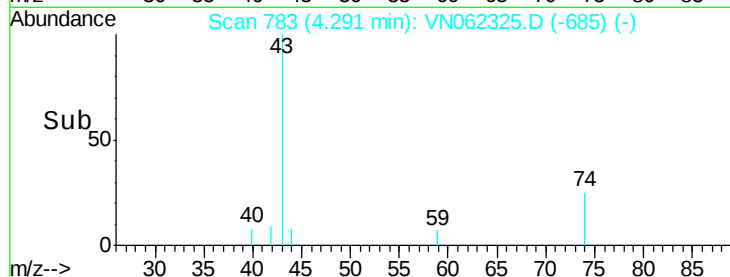
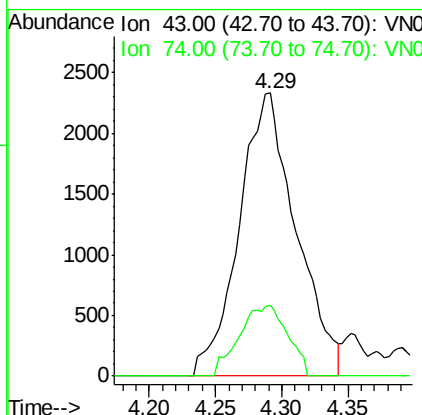
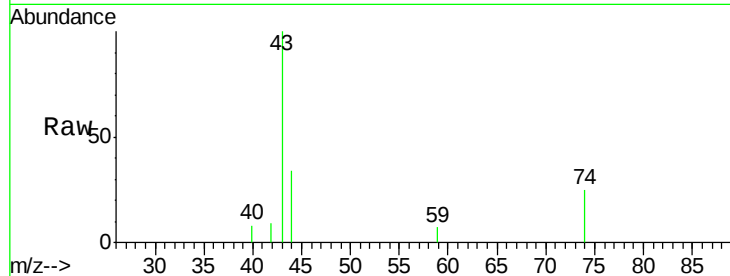




#18
Methyl Acetate
Concen: 3.186 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.02 min
Lab File: VN062325.D
Acq: 2 Jul 2020 6:21

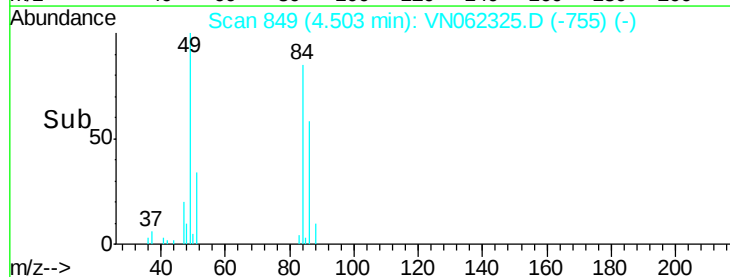
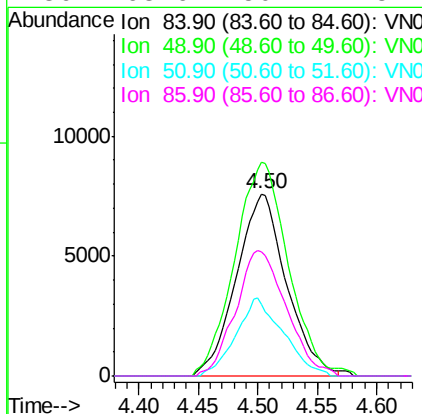
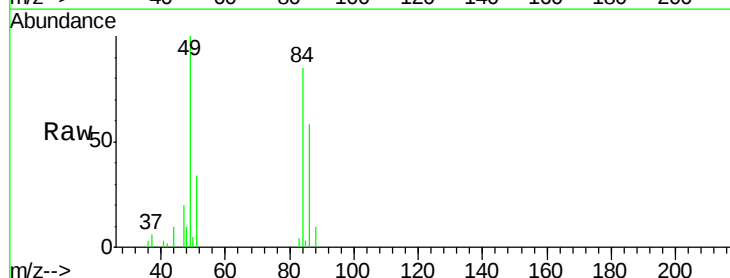
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-584-588

Tot Ion: 43 Resp: 6985
Ion Ratio Lower Upper
43 100
74 21.2 22.9 34.3#



#20
Methylene Chloride
Concen: 8.566 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062325.D
Acq: 2 Jul 2020 6:21

Tgt Ion: 84 Resp: 22145
Ion Ratio Lower Upper
84 100
49 117.5 90.6 136.0
51 39.7 27.8 41.8
86 68.6 50.1 75.1

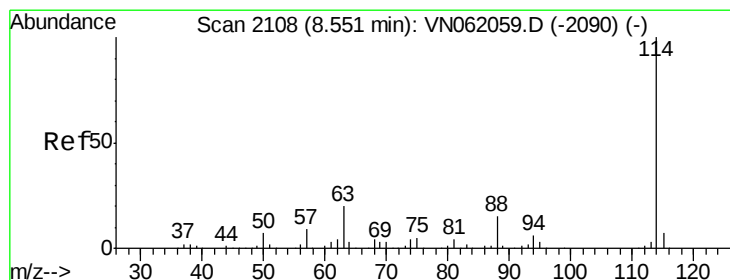
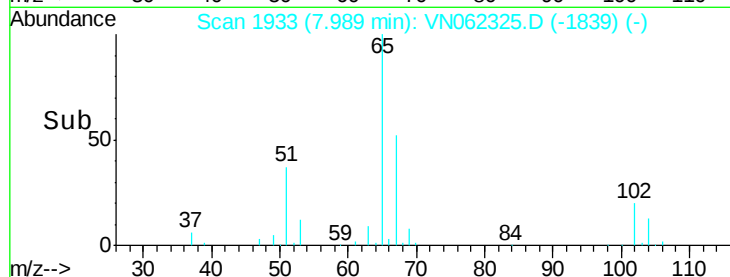
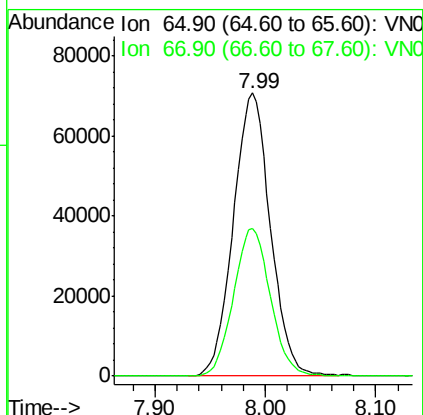
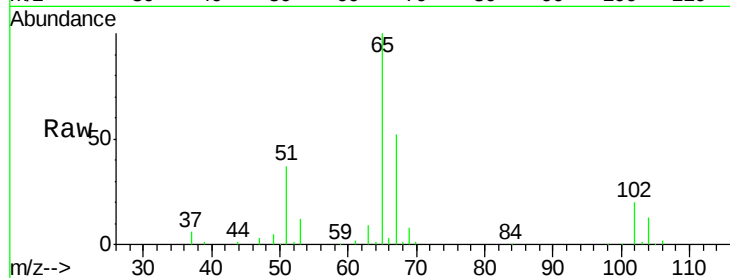




#33
 1,2-Dichloroethane-d4
 Concen: 59.560 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062325.D
 Acq: 2 Jul 2020 6:21

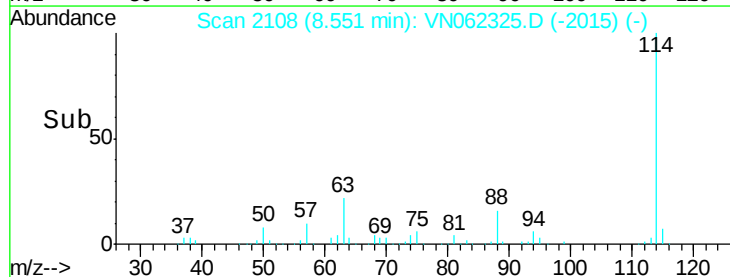
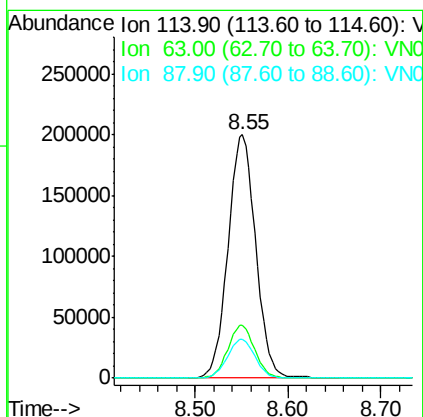
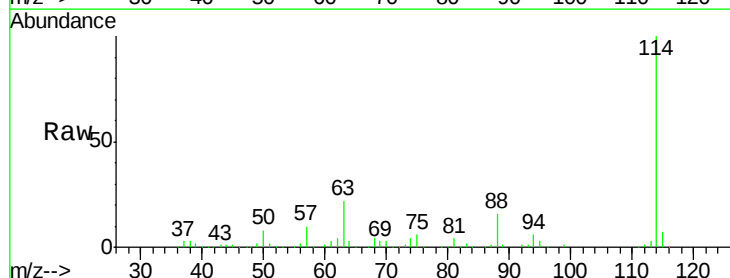
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-584-588

Tot Ion: 65 Resp: 164286
 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: VN062325.D
 Acq: 2 Jul 2020 6:21

Tgt Ion: 114 Resp: 413900
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.2
 88 16.0 0.0 30.8

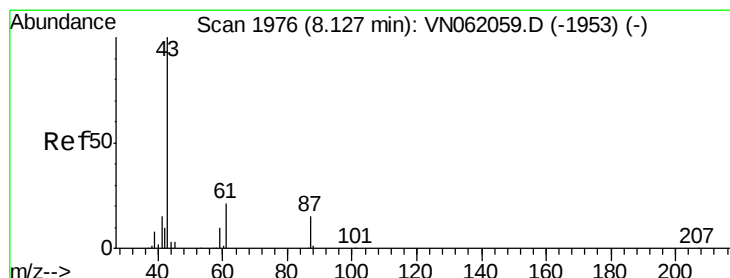
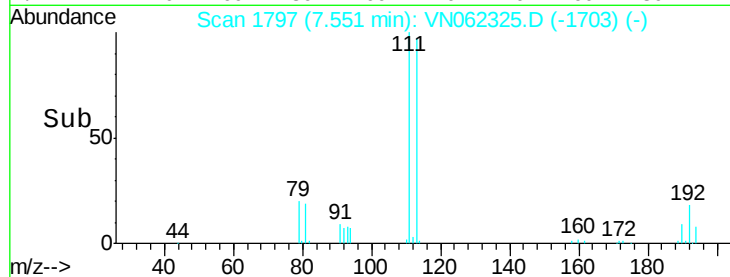
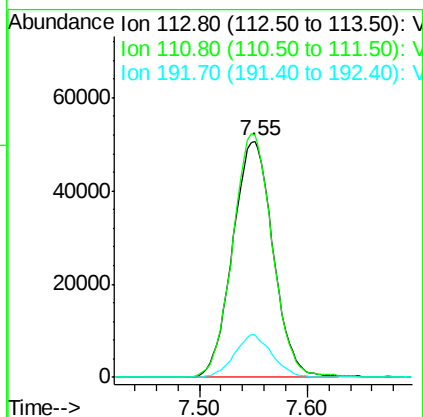
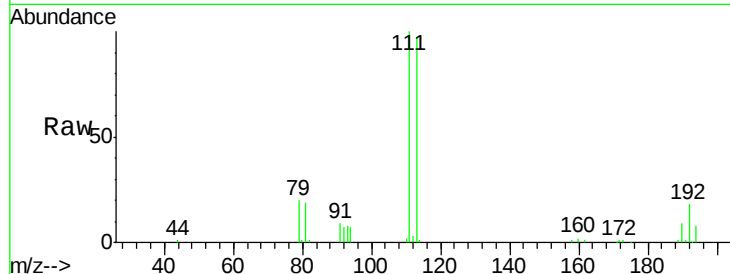




#35
 Dibromofluoromethane
 Concen: 49.455 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062325.D
 Acq: 2 Jul 2020 6:21

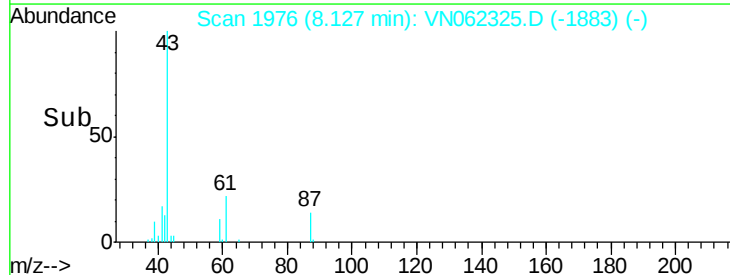
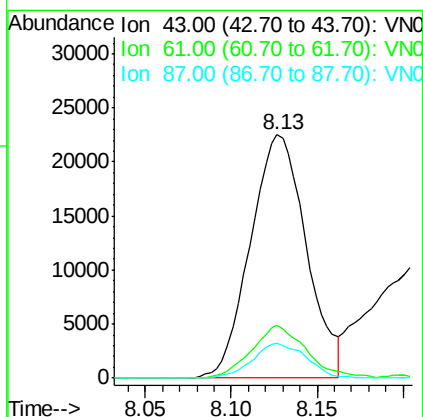
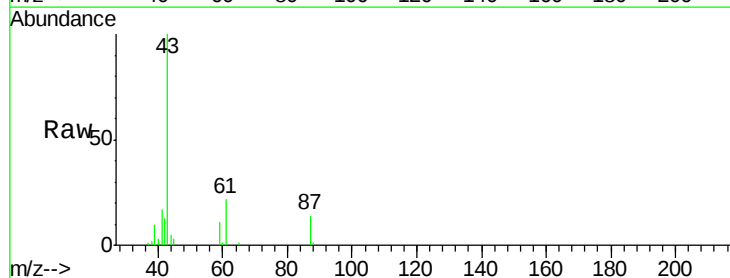
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-584-588

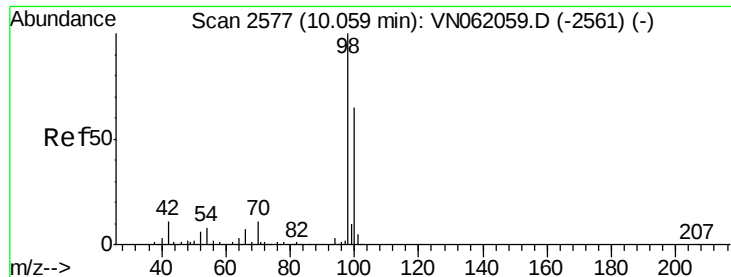
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	16.8	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 9.053 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062325.D
 Acq: 2 Jul 2020 6:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.2	25.8
87	13.7	12.1	18.1





#50

Toluene-d8

Concen: 50.960 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062325.D

Acq: 2 Jul 2020 6:21

Instrument :

MSVOA_N

ClientSampleId :

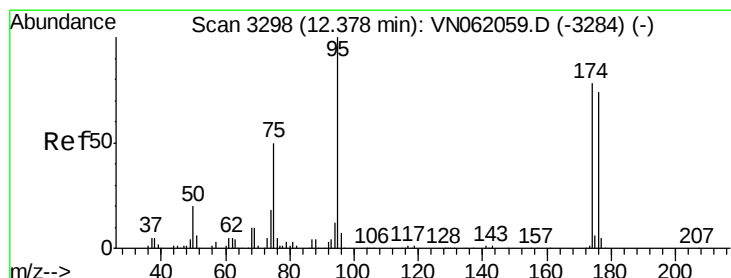
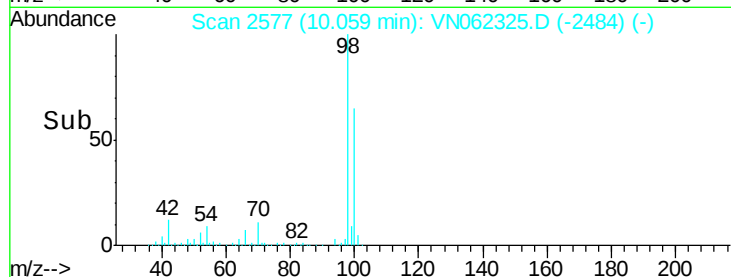
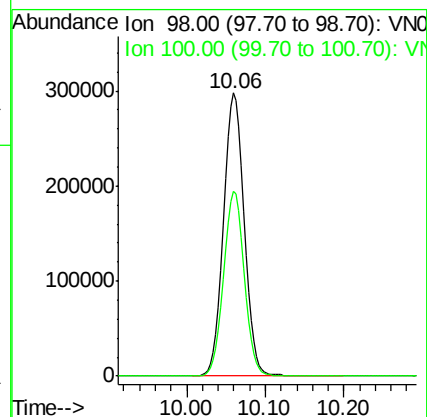
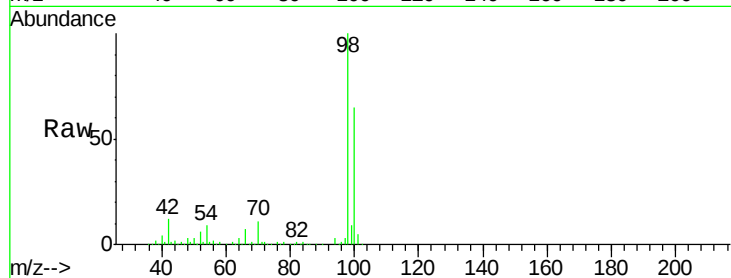
BP-MW180-SOIL-584-588

Tot Ion: 98 Resp: 540907

Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.228 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062325.D

Acq: 2 Jul 2020 6:21

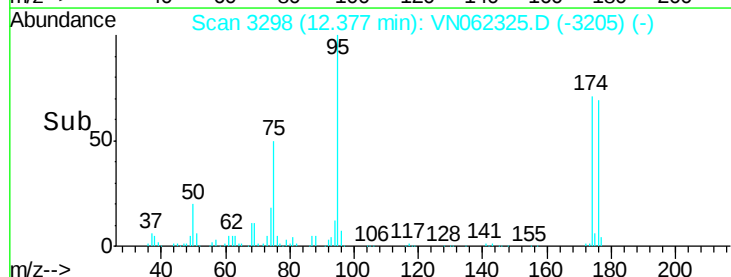
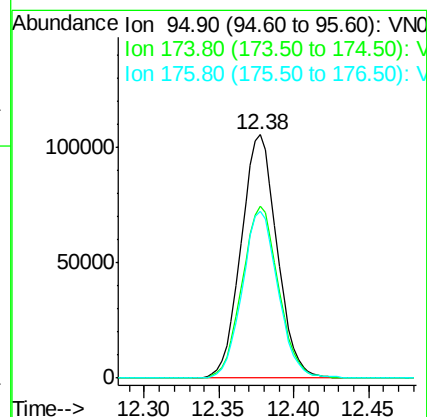
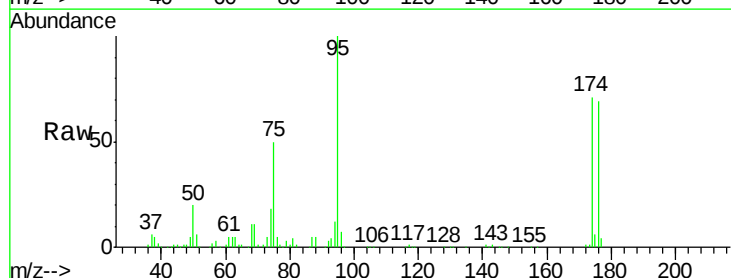
Tgt Ion: 95 Resp: 176538

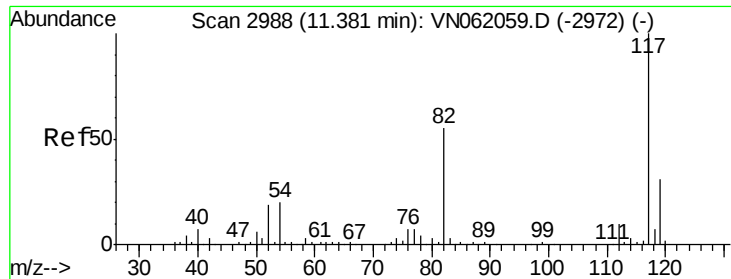
Ion Ratio Lower Upper

95 100

174 71.8 0.0 154.8

176 68.2 0.0 147.4

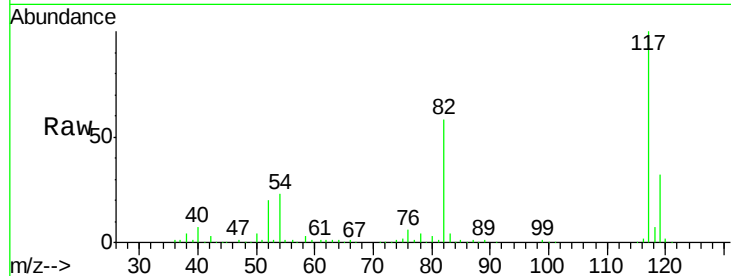




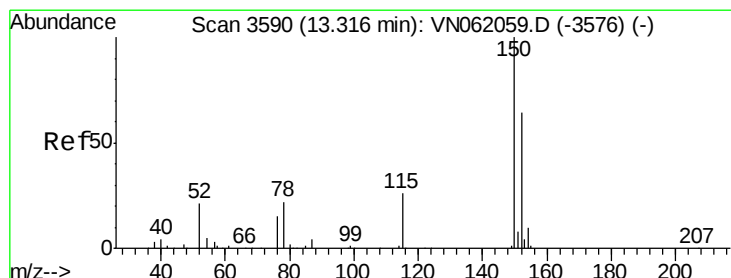
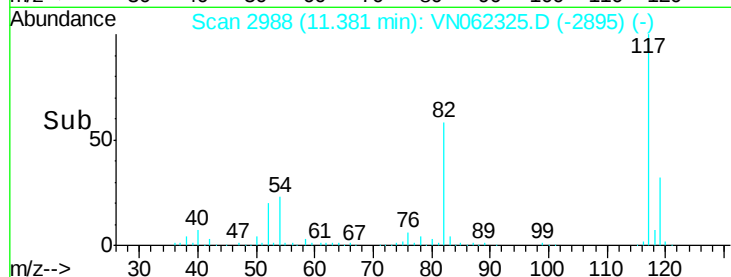
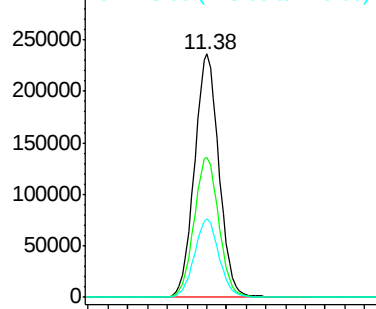
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062325.D
Acq: 2 Jul 2020 6:21

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-584-588

Tot Ion:117 Resp: 411195
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 32.2 25.2 37.8

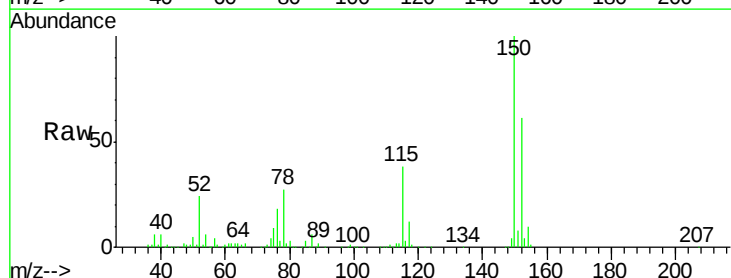


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062325.D
Acq: 2 Jul 2020 6:21

Tgt Ion:152 Resp: 144916
Ion Ratio Lower Upper
152 100
115 62.6 29.5 88.5
150 161.3 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

