

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062462.D
 Acq On : 9 Jul 2020 18:12
 Operator : JC/MD
 Sample : L3164-08RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jul 13 00:56:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

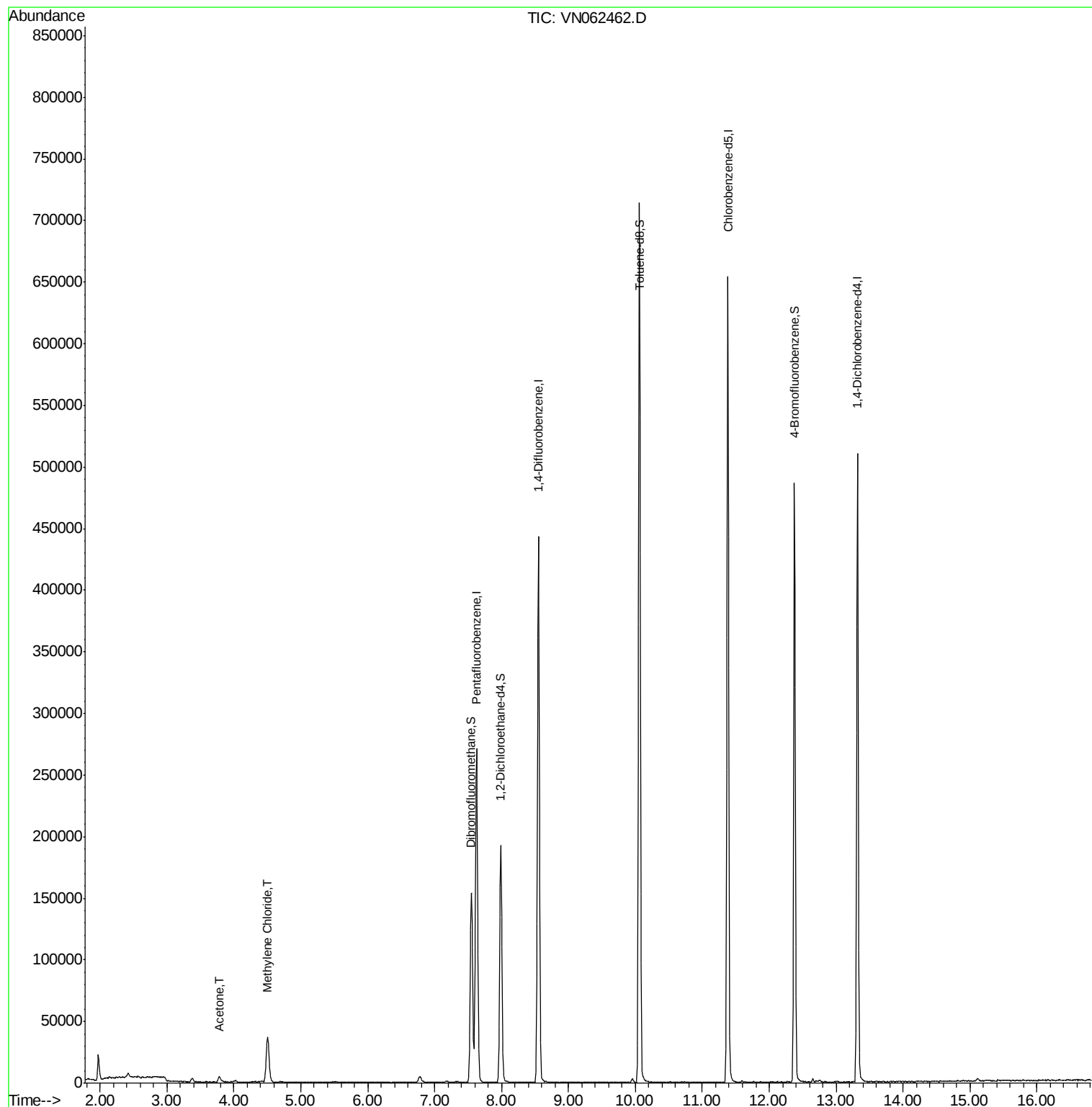
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	359251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166358	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	7.55	113	122105	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.06	98	487852	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.38	95	176533	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
Target Compounds						
16) Acetone	3.79	43	8431	6.179	ug/l	92
20) Methylene Chloride	4.51	84	26512	9.088	ug/l	87

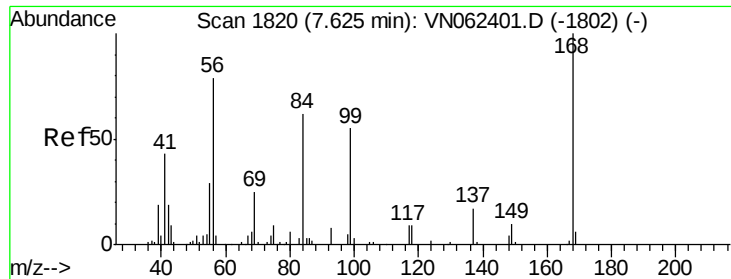
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 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: VN062462.D

Acq: 9 Jul 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

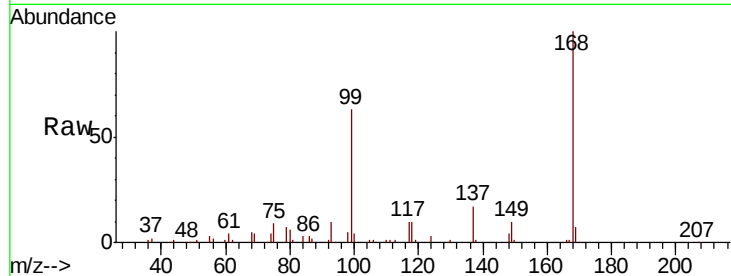
BP-MW180-SOIL-594-598RE

Tot Ion:168 Resp: 208945

Ion Ratio Lower Upper

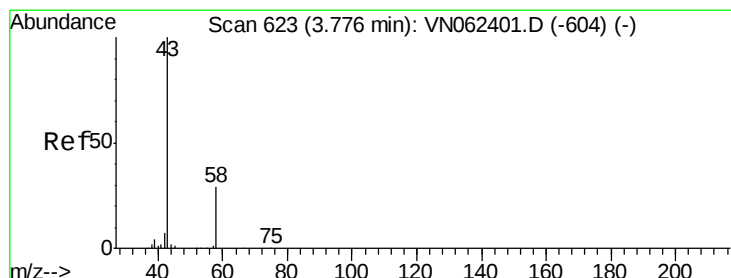
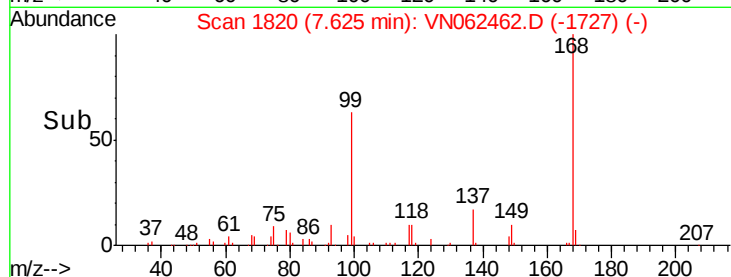
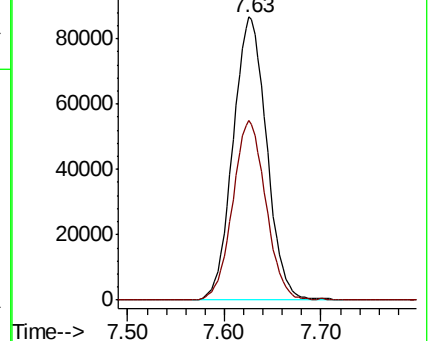
168 100

99 63.3 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.179 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062462.D

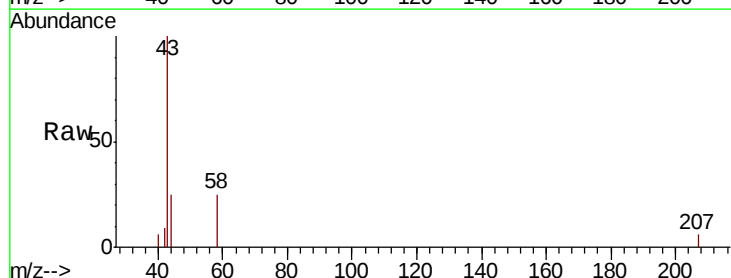
Acq: 9 Jul 2020 18:12

Tgt Ion: 43 Resp: 8431

Ion Ratio Lower Upper

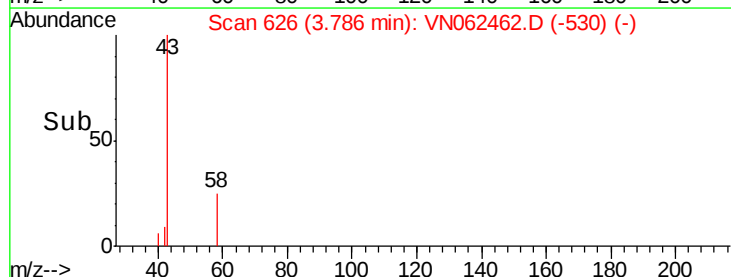
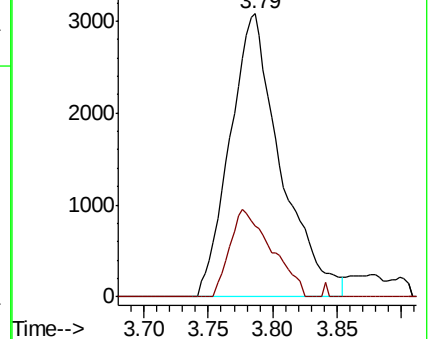
43 100

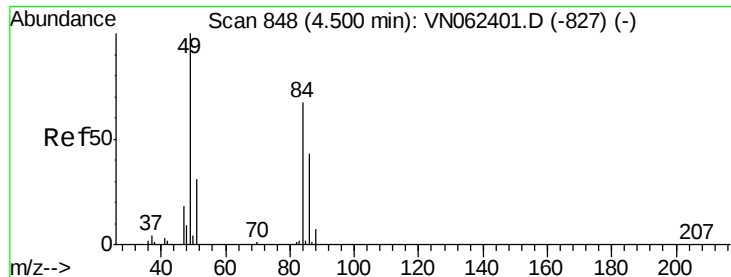
58 25.2 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 9.088 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN062462.D

Acq: 9 Jul 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-594-598RE

Tot Ion: 84 Resp: 26512

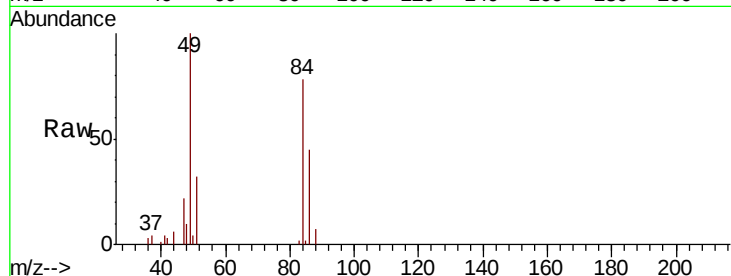
Ion Ratio Lower Upper

84 100

49 128.5 120.0 180.0

51 40.6 37.0 55.6

86 58.1 51.8 77.6

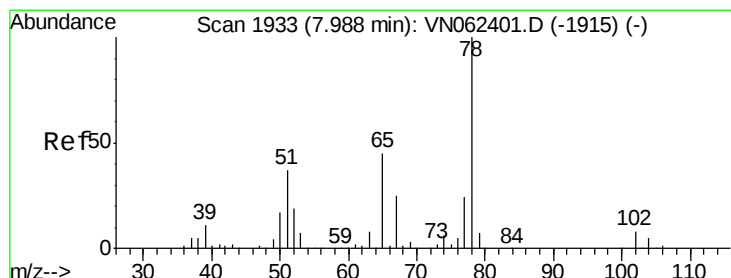
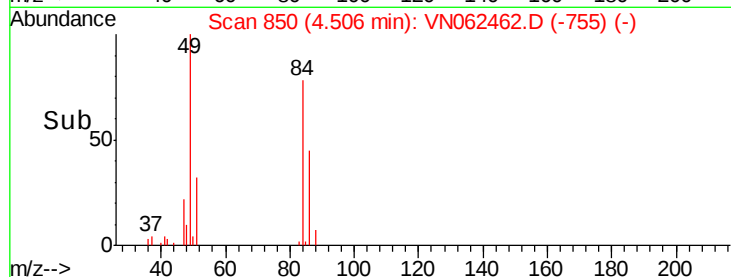
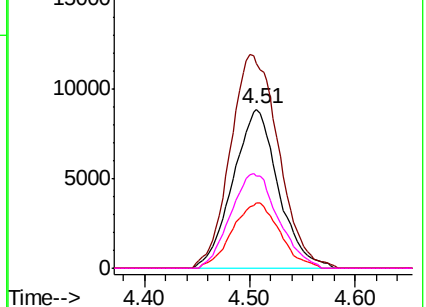


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.763 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062462.D

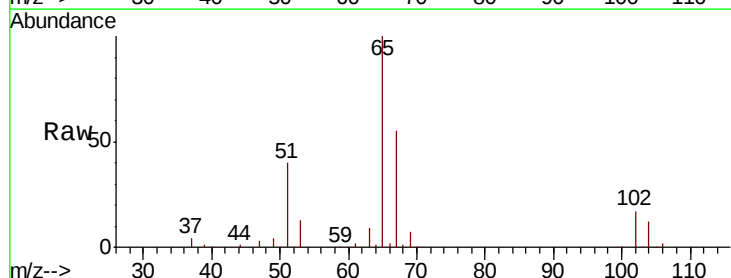
Acq: 9 Jul 2020 18:12

Tgt Ion: 65 Resp: 166358

Ion Ratio Lower Upper

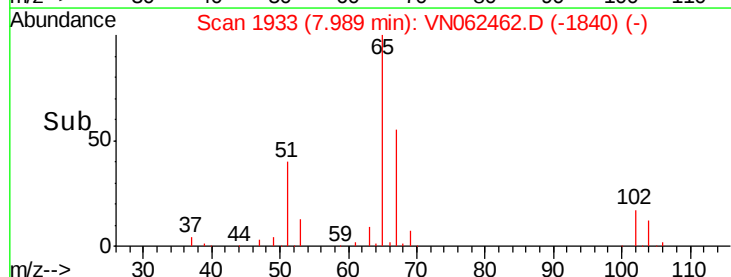
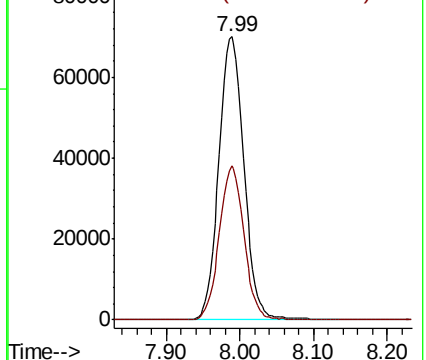
65 100

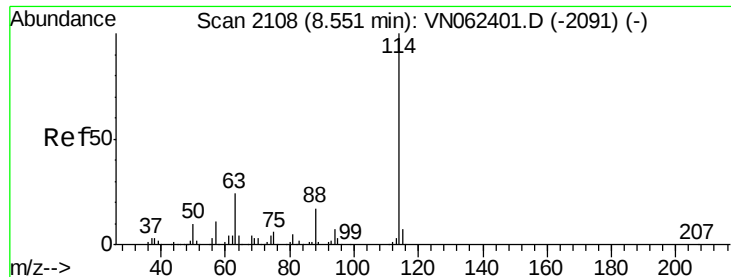
67 53.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

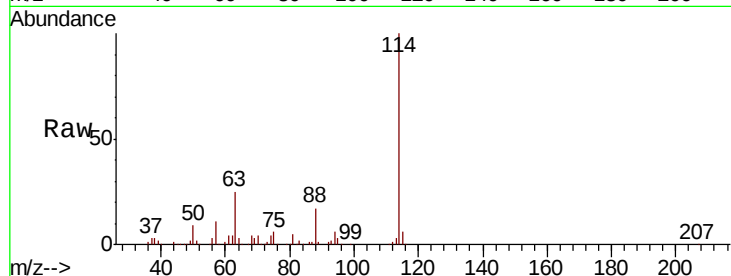




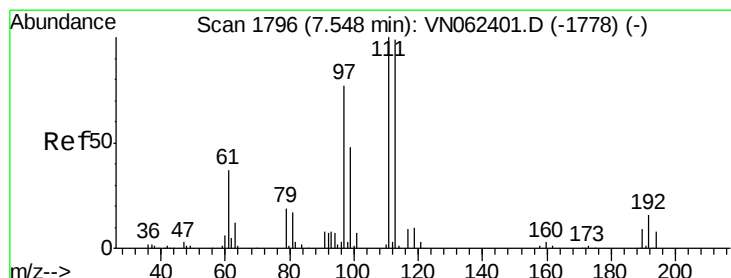
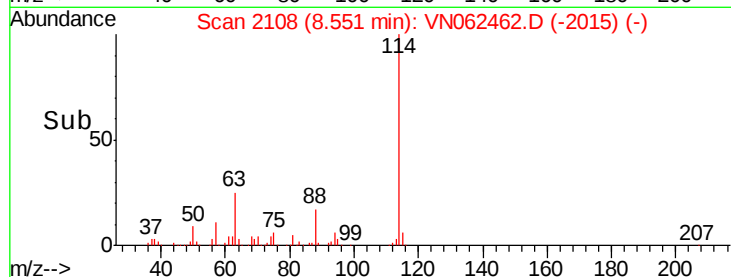
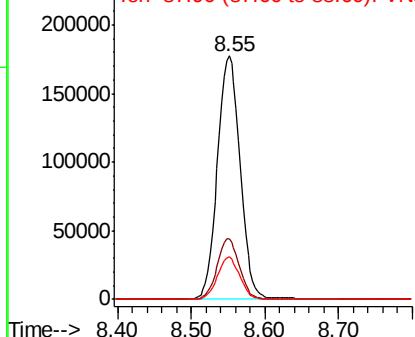
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062462.D
 Acq: 9 Jul 2020 18:12

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.4
88	17.5	0.0	33.8

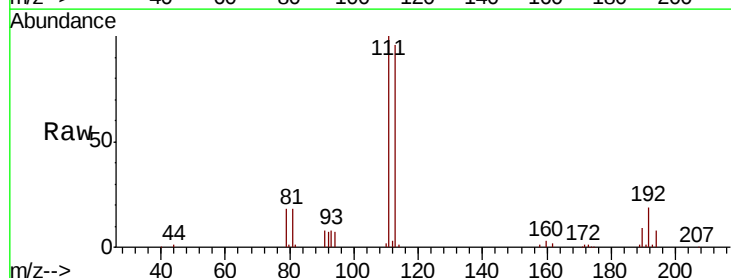


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

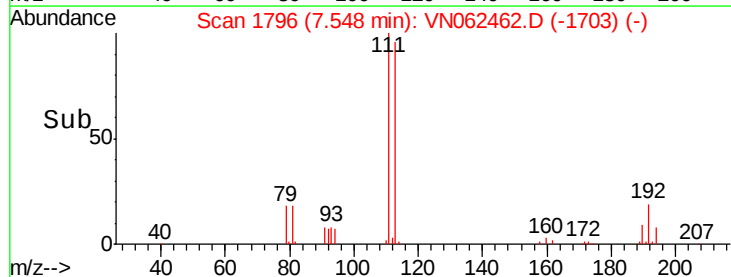
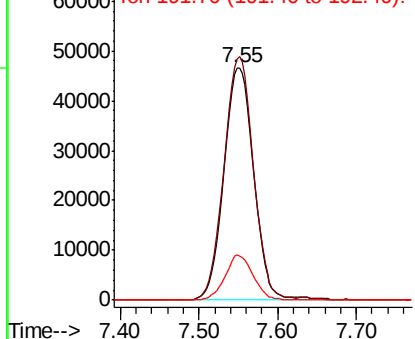


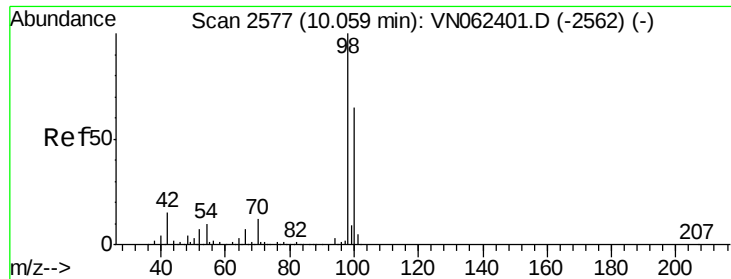
#35
 Dibromofluoromethane
 Concen: 51.820 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062462.D
 Acq: 9 Jul 2020 18:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.1	124.7
192	18.1	14.1	21.1



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: 52.446 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062462.D

Acq: 9 Jul 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

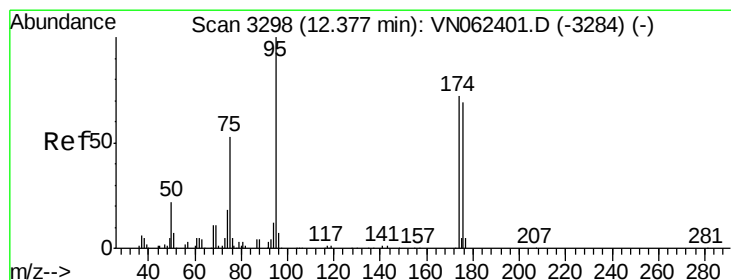
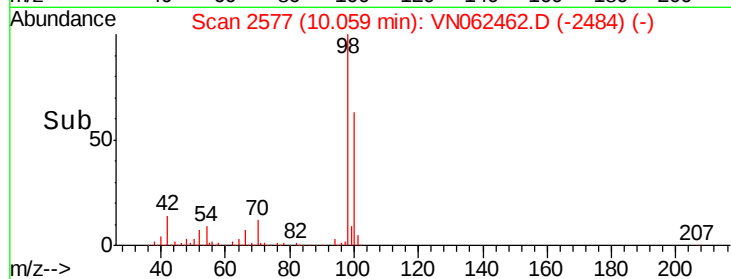
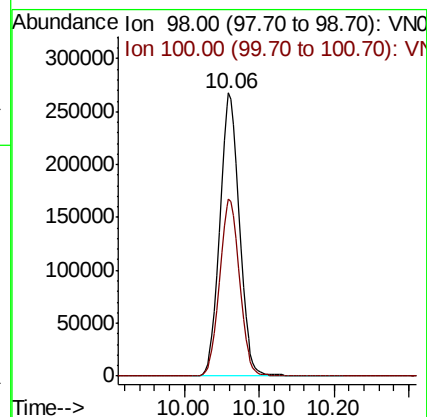
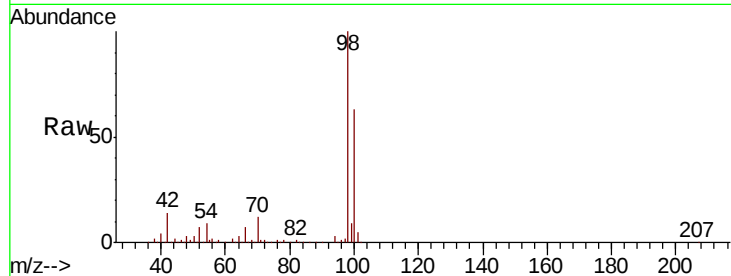
BP-MW180-SOIL-594-598RE

Tot Ion: 98 Resp: 487852

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.933 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062462.D

Acq: 9 Jul 2020 18:12

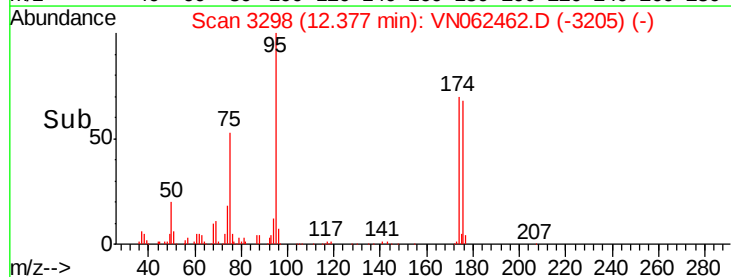
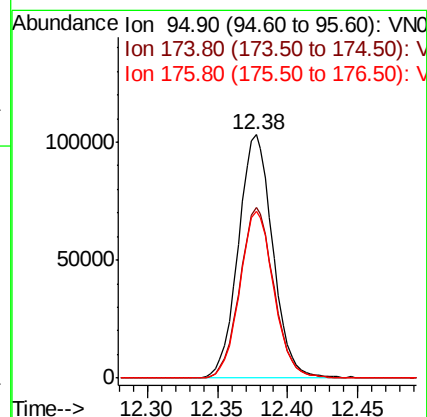
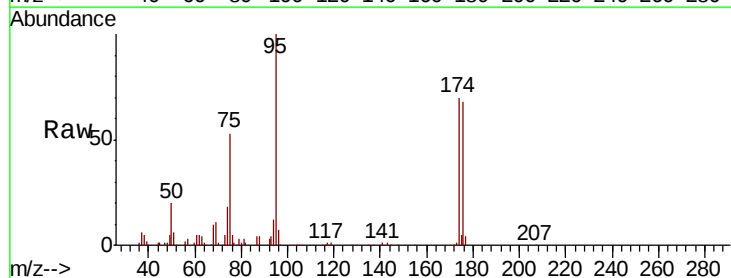
Tgt Ion: 95 Resp: 176533

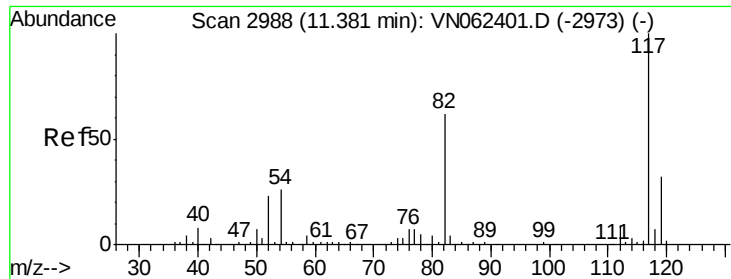
Ion Ratio Lower Upper

95 100

174 69.5 0.0 141.6

176 68.0 0.0 137.2

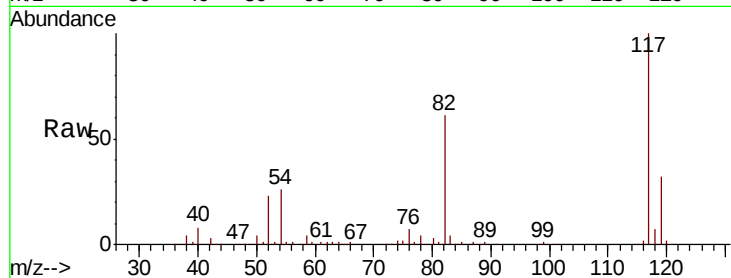




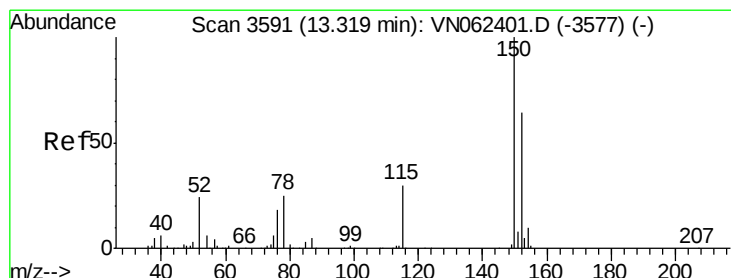
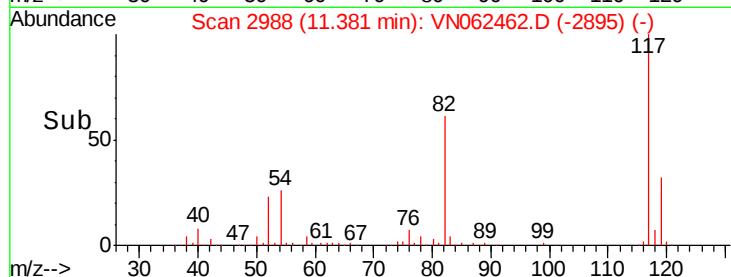
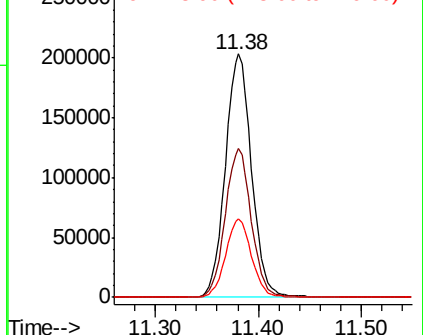
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062462.D
Acq: 9 Jul 2020 18:12

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

Tot Ion:117 Resp: 359251
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.1 25.4 38.0

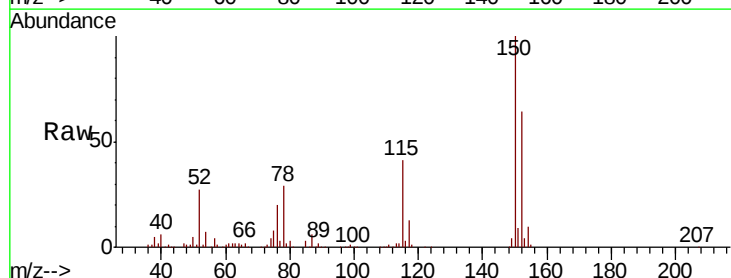


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062462.D
Acq: 9 Jul 2020 18:12

Tgt Ion:152 Resp: 132133
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.2
150 157.3 0.0 347.4



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

