

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062461.D
 Acq On : 9 Jul 2020 17:48
 Operator : JC/MD
 Sample : L3164-07RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-590-594RE

Quant Time: Jul 13 00:56:10 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

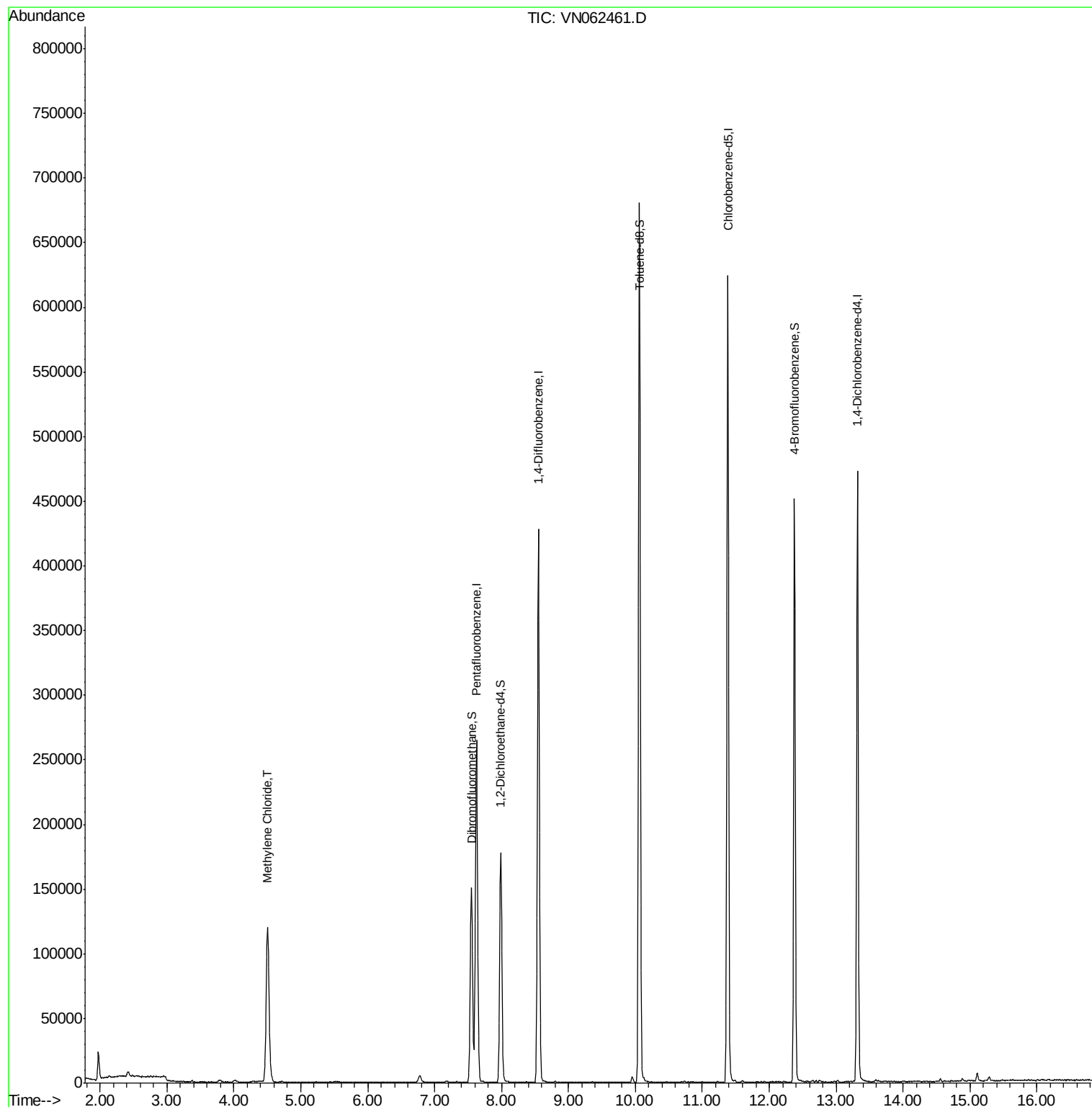
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155953	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.55	113	116124	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.06	98	468689	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.38	95	165252	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
20) Methylene Chloride	4.50	84	87252	30.892	ug/l	Qvalue 92

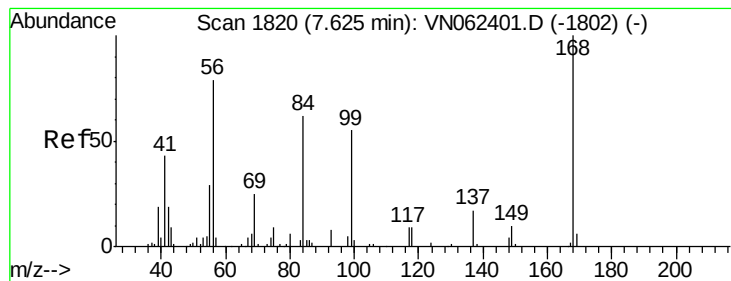
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 9 Jul 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

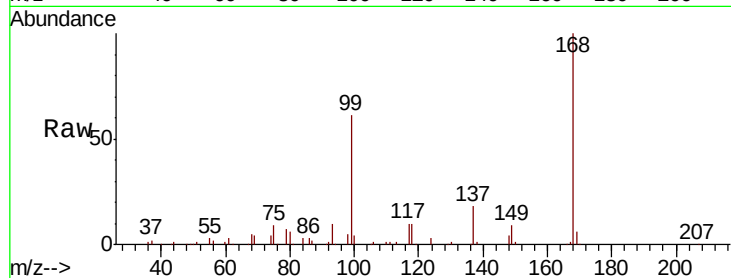
BP-MW180-SOIL-590-594RE

Tot Ion:168 Resp: 202290

Ion Ratio Lower Upper

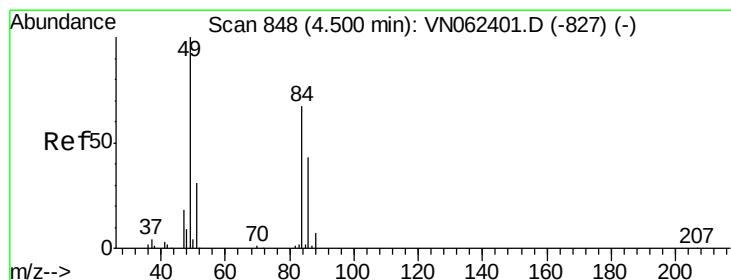
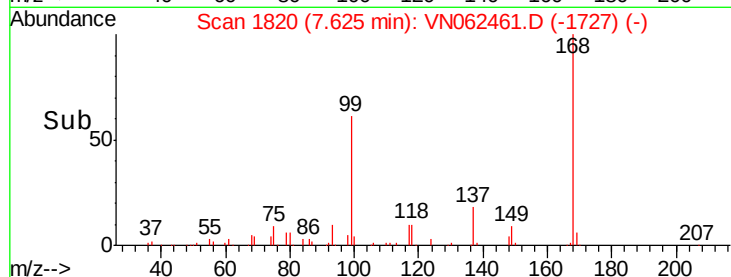
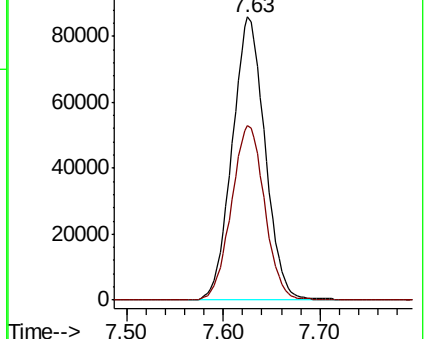
168 100

99 61.5 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 30.892 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062461.D

Acq: 9 Jul 2020 17:48

Tgt Ion: 84 Resp: 87252

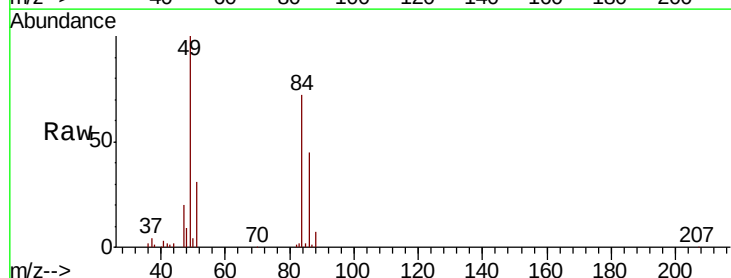
Ion Ratio Lower Upper

84 100

49 137.5 120.0 180.0

51 42.4 37.0 55.6

86 62.2 51.8 77.6

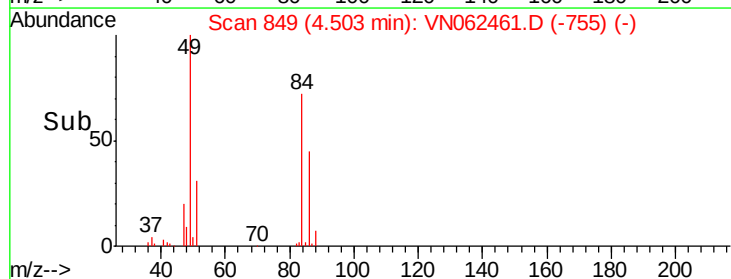
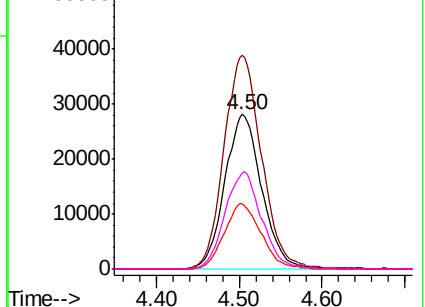


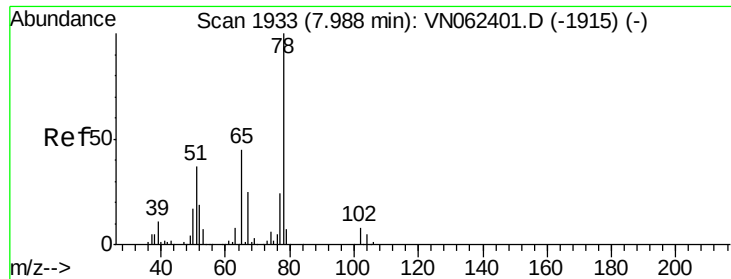
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

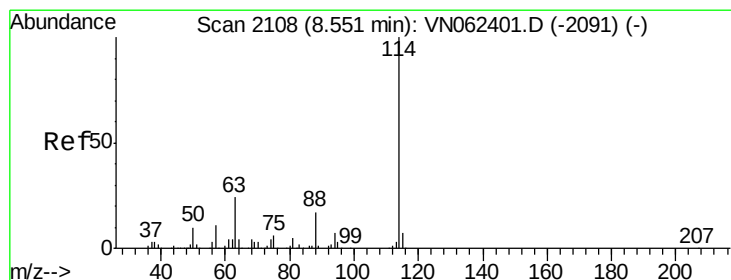
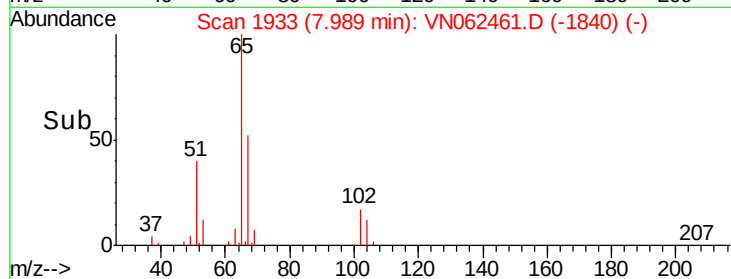
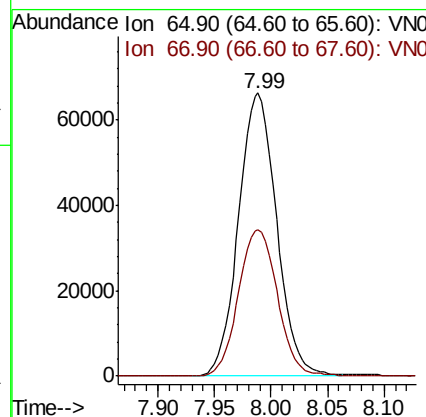
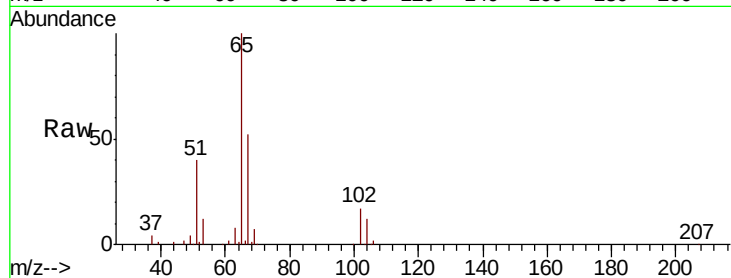




#33
 1,2-Dichloroethane-d4
 Concen: 50.122 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062461.D
 Acq: 9 Jul 2020 17:48

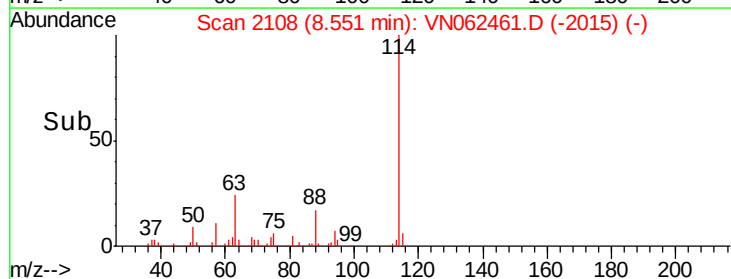
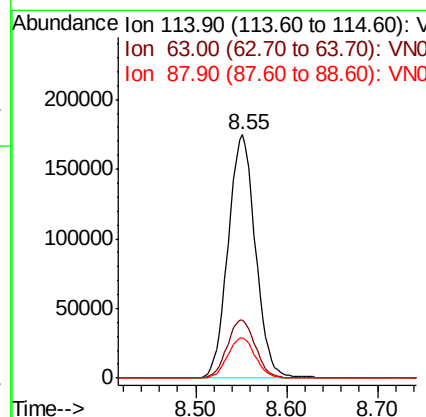
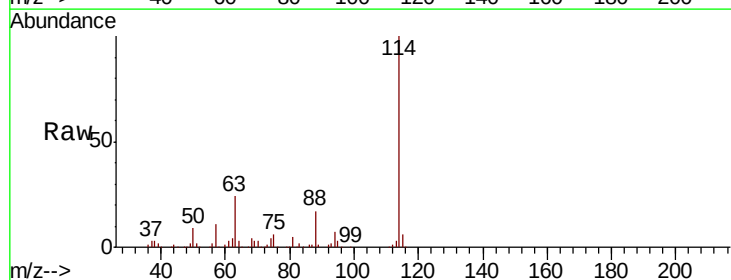
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-590-594RE

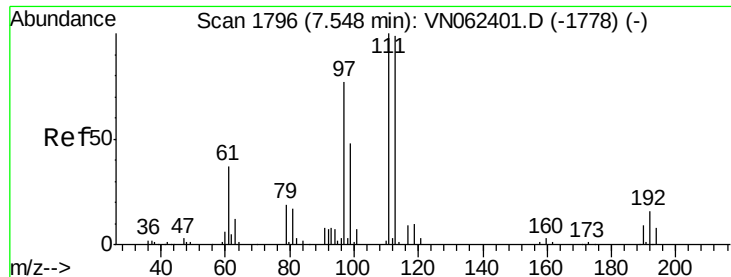
Tot Ion: 65 Resp: 155953
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062461.D
 Acq: 9 Jul 2020 17:48

Tgt Ion: 114 Resp: 365335
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.4
 88 16.7 0.0 33.8

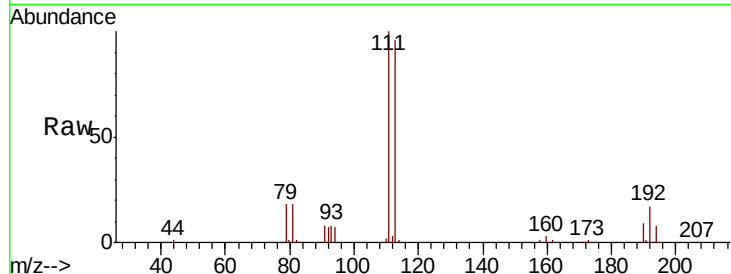




#35
Dibromofluoromethane
Concen: 51.422 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062461.D
Acq: 9 Jul 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-590-594RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	18.0	14.1	21.1

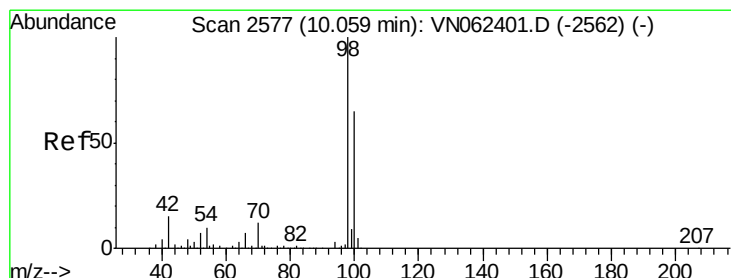
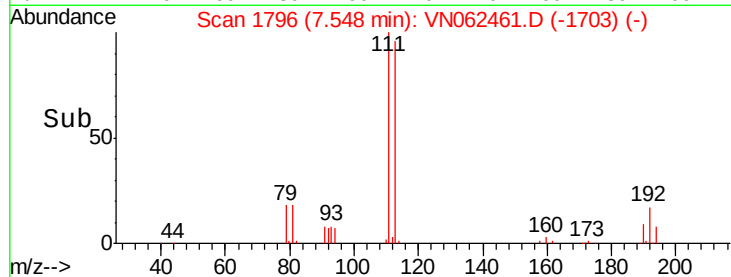
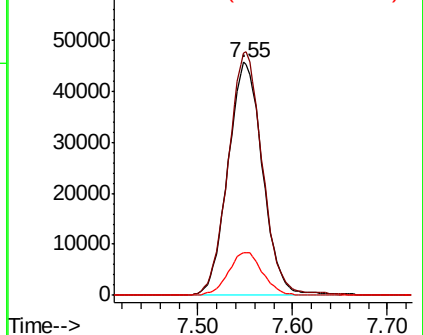


Abundance

Ion 112.80 (112.50 to 113.50): V

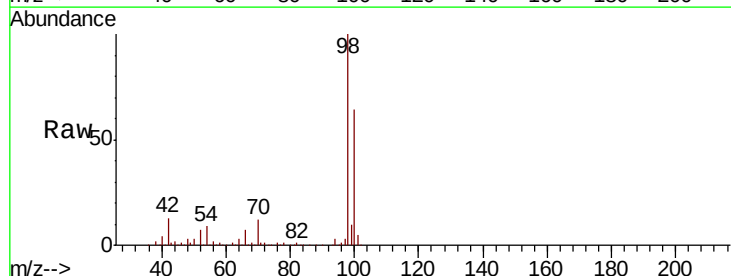
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
Toluene-d8
Concen: 52.573 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062461.D
Acq: 9 Jul 2020 17:48

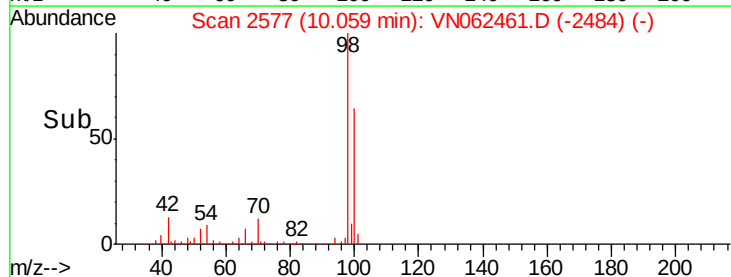
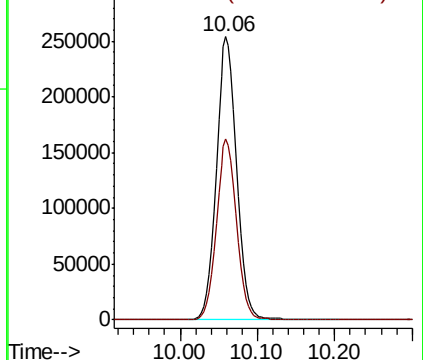
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.5	77.3

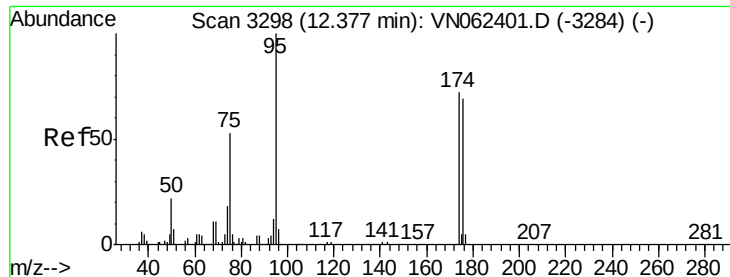


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 50.725 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062461.D

Acq: 9 Jul 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-590-594RE

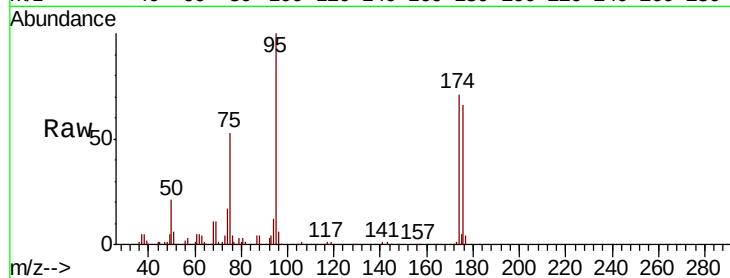
Tot Ion: 95 Resp: 165252

Ion Ratio Lower Upper

95 100

174 69.8 0.0 141.6

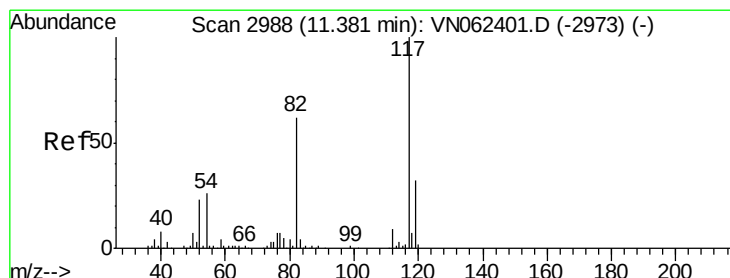
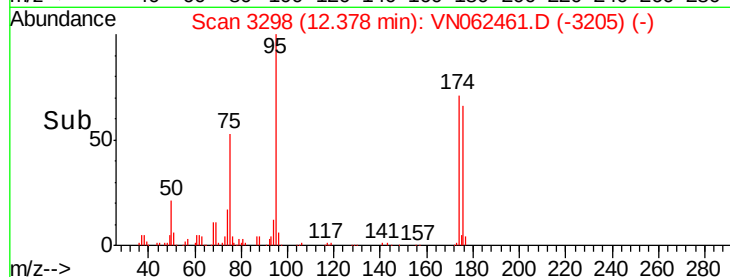
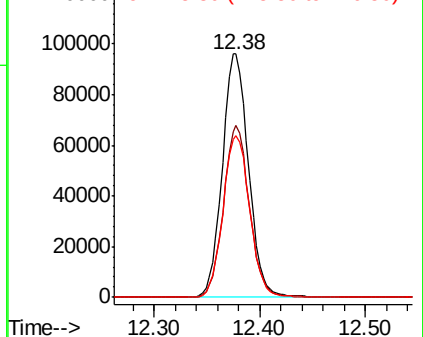
176 67.7 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062461.D

Acq: 9 Jul 2020 17:48

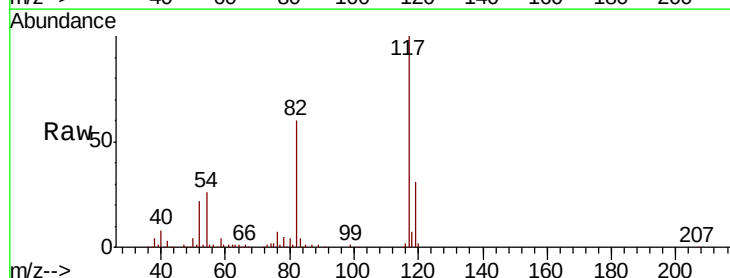
Tgt Ion: 117 Resp: 345266

Ion Ratio Lower Upper

117 100

82 59.8 49.6 74.4

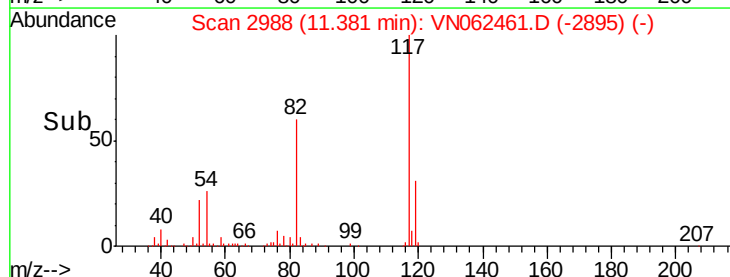
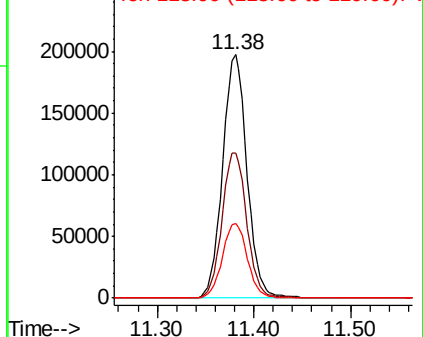
119 30.9 25.4 38.0

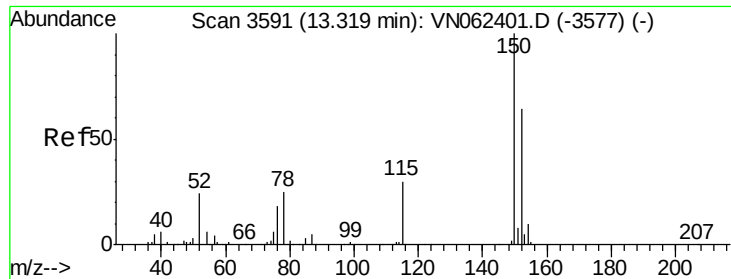


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062461.D

Acq: 9 Jul 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-590-594RE

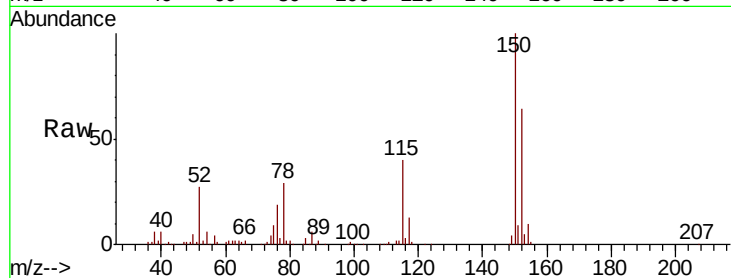
Tot Ion:152 Resp: 121922

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.2

150 157.4 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

