

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062377.D
 Acq On : 6 Jul 2020 21:08
 Operator : JC/MD
 Sample : L3192-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-604-608

Quant Time: Jul 07 06:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

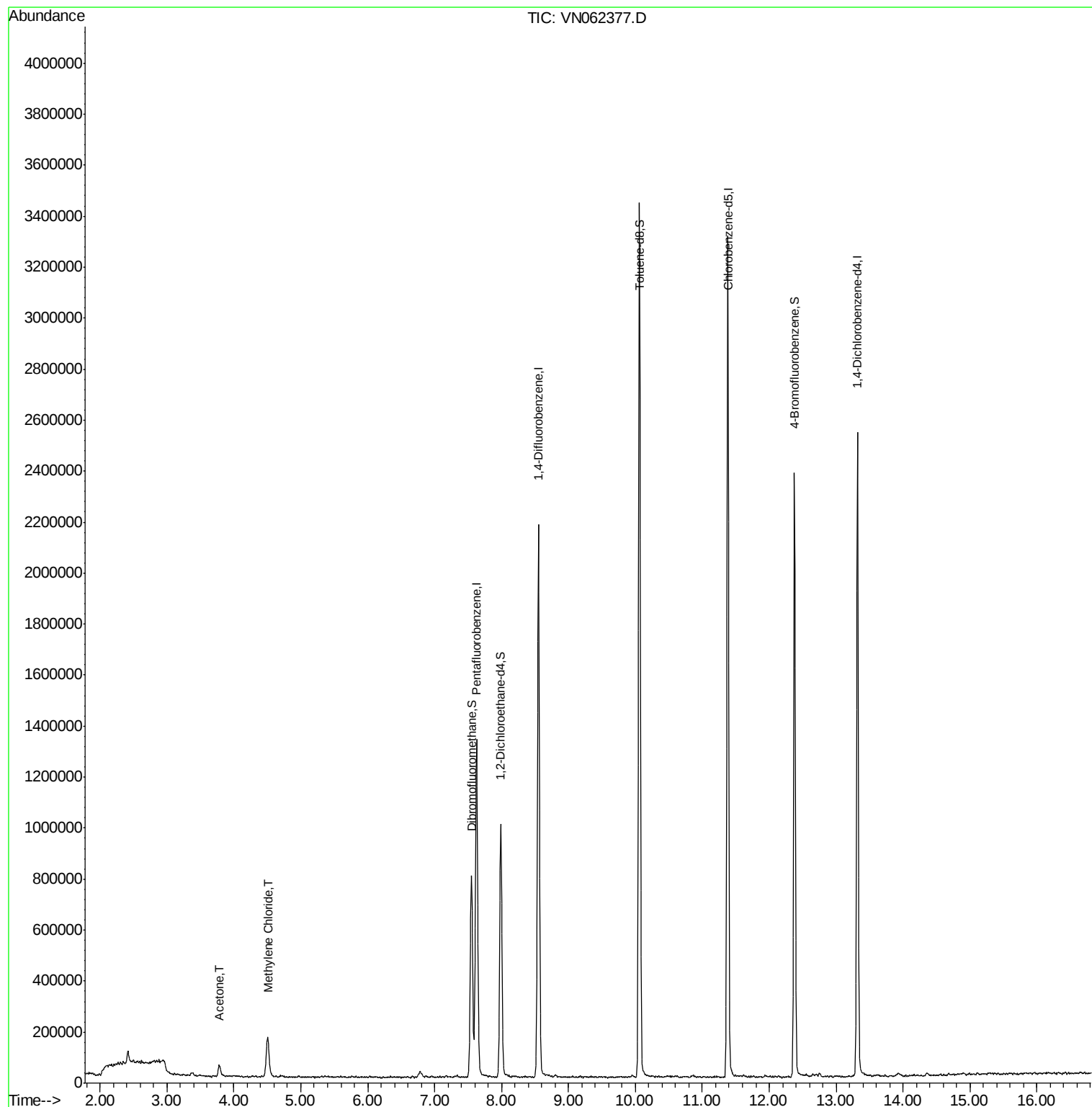
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	958580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1723488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1649275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	616590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	861787	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
35) Dibromofluoromethane	7.55	113	591555	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.06	98	2224633	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.38	95	783512	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
16) Acetone	3.78	43	81018	10.135	ug/l	95
20) Methylene Chloride	4.50	84	104146	7.655	ug/l	96

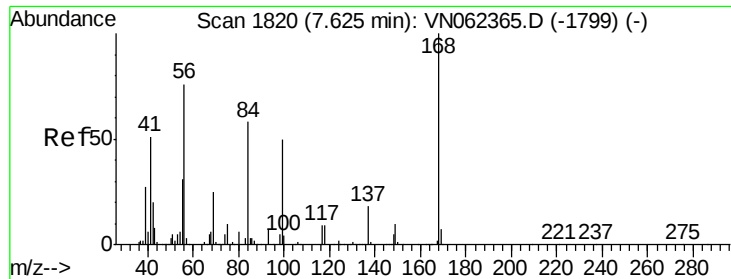
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

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ClientSampleId :

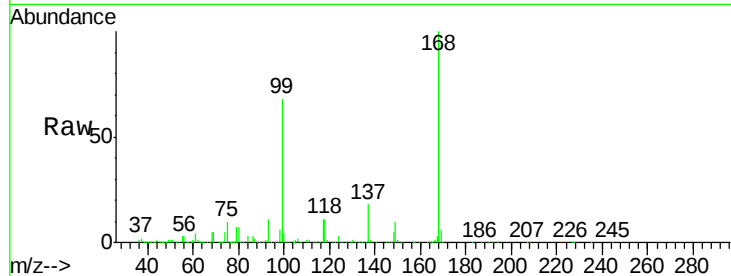
BP-MW180-SOIL-604-608

Tot Ion:168 Resp: 958580

Ion Ratio Lower Upper

168 100

99 68.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

400000

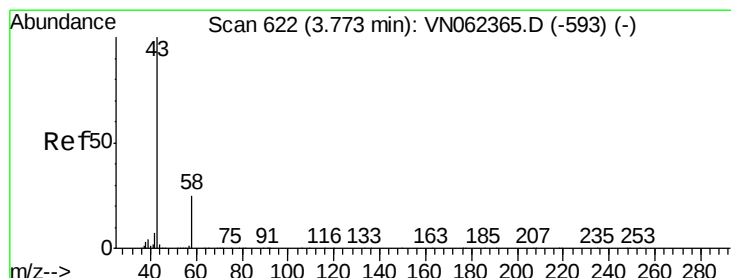
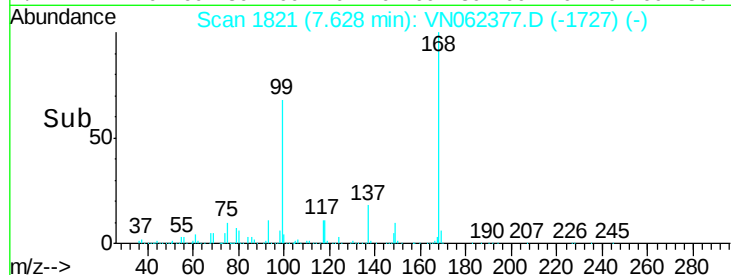
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.135 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062377.D

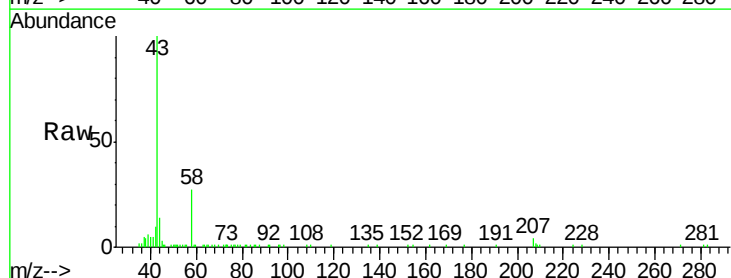
Acq: 6 Jul 2020 21:08

Tgt Ion: 43 Resp: 81018

Ion Ratio Lower Upper

43 100

58 27.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

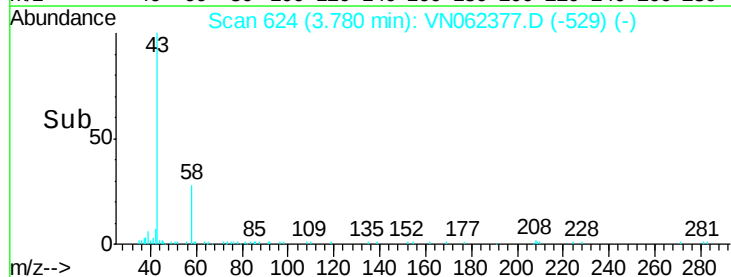
30000

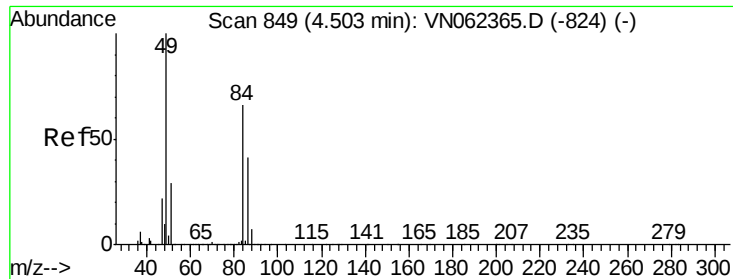
20000

10000

0

Time-->

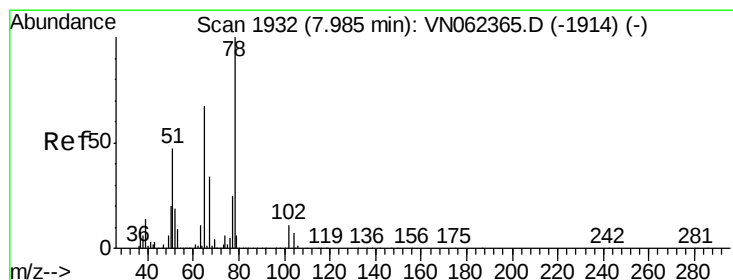
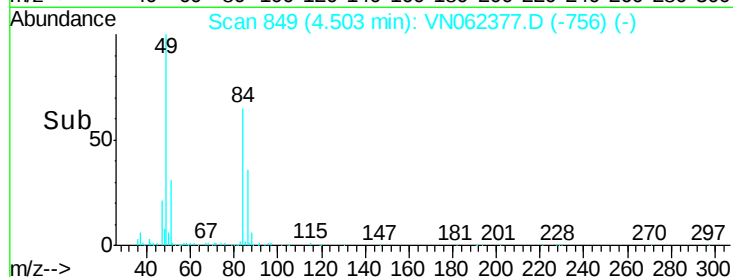
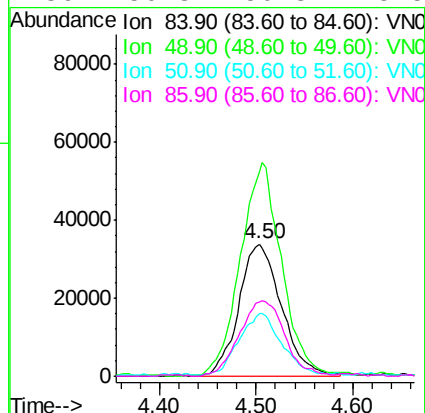
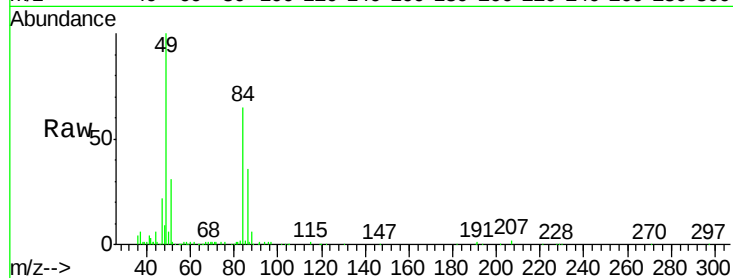




#20
Methvlene Chloride
Concen: 7.655 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062377.D
Acq: 6 Jul 2020 21:08

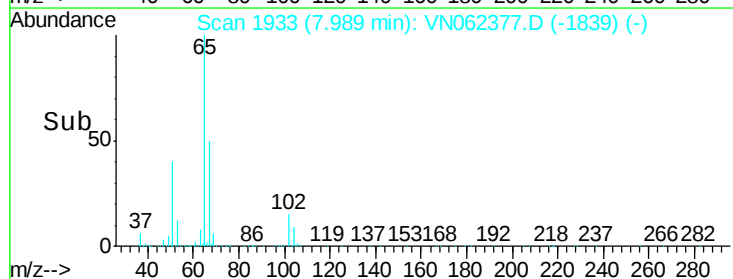
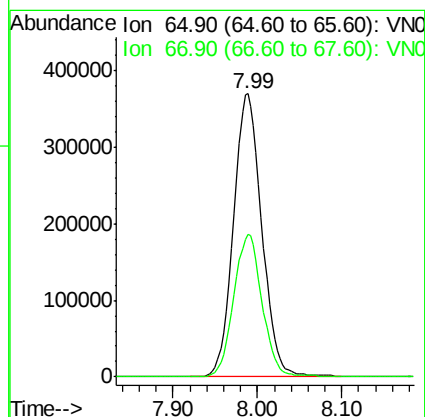
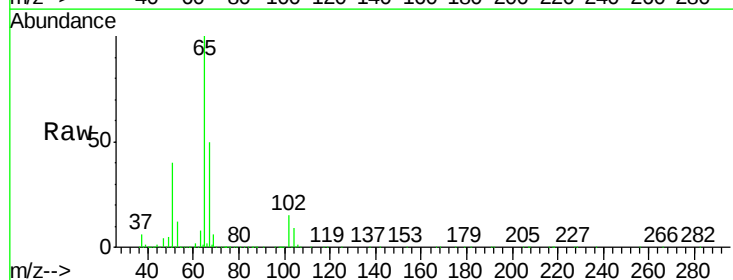
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-604-608

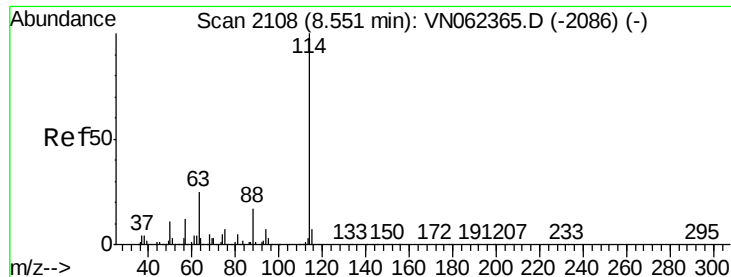
Tot Ion: 84 Resp: 104146
Ion Ratio Lower Upper
84 100
49 154.3 121.8 182.6
51 46.3 35.0 52.4
86 56.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 49.700 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062377.D
Acq: 6 Jul 2020 21:08

Tgt Ion: 65 Resp: 861787
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.0

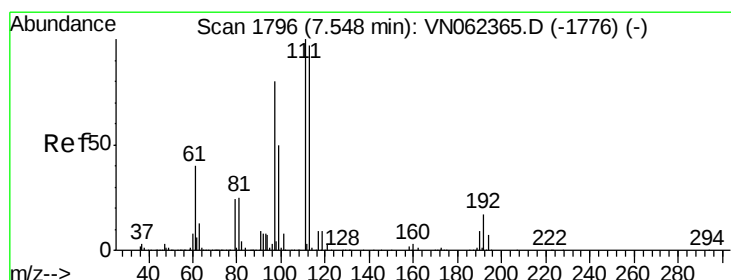
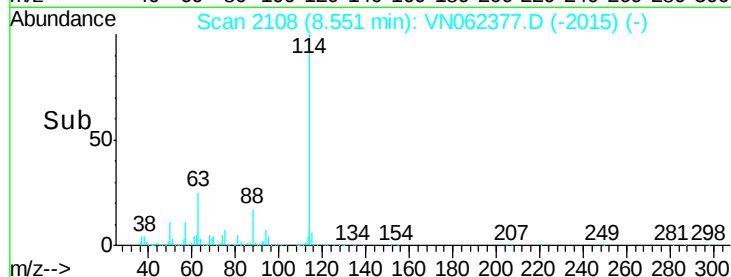
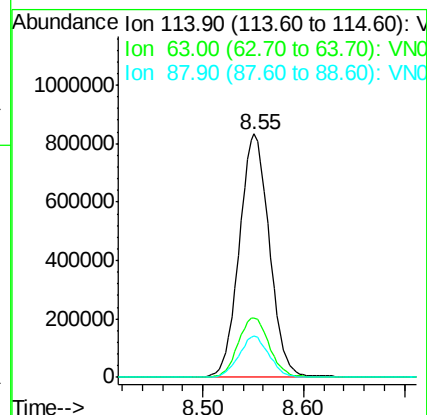
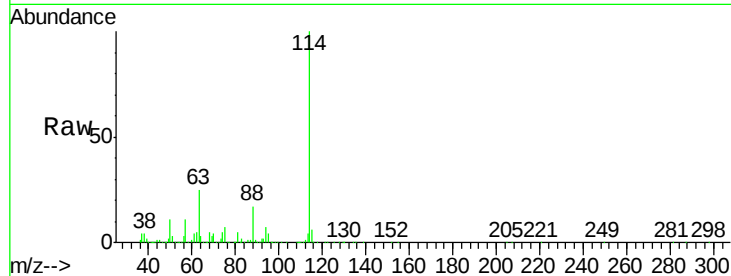




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062377.D
 Acq: 6 Jul 2020 21:08

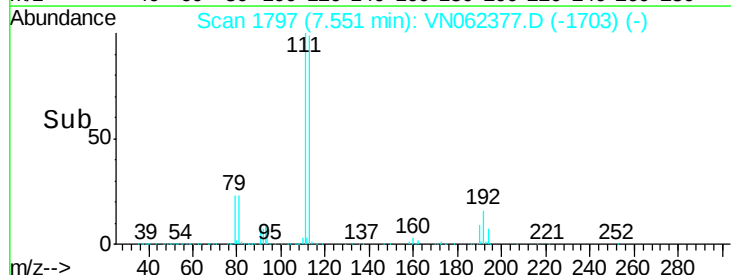
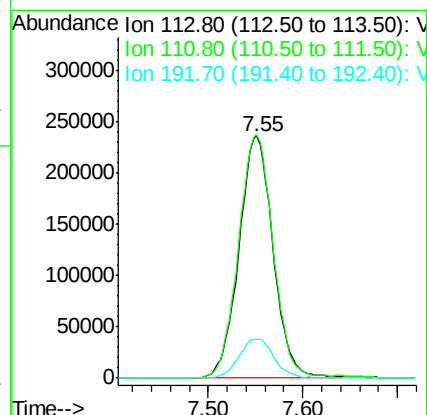
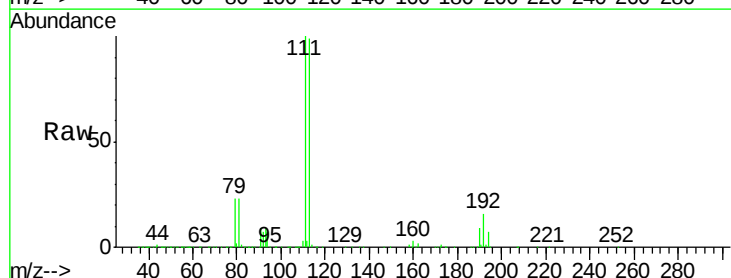
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-604-608

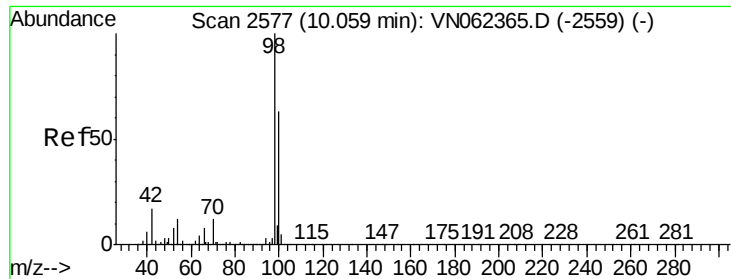
Tot Ion:114 Resp: 1723488
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.0
 88 17.0 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 50.313 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062377.D
 Acq: 6 Jul 2020 21:08

Tgt Ion:113 Resp: 591555
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.2 124.8
 192 16.6 14.2 21.2





#50

Toluene-d8

Concen: 50.615 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062377.D

Acq: 6 Jul 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

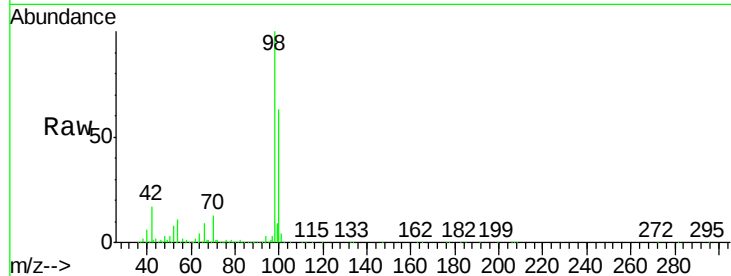
BP-MW180-SOIL-604-608

Tot Ion: 98 Resp: 2224633

Ion Ratio Lower Upper

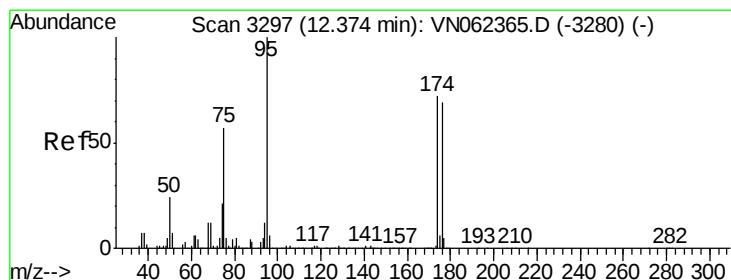
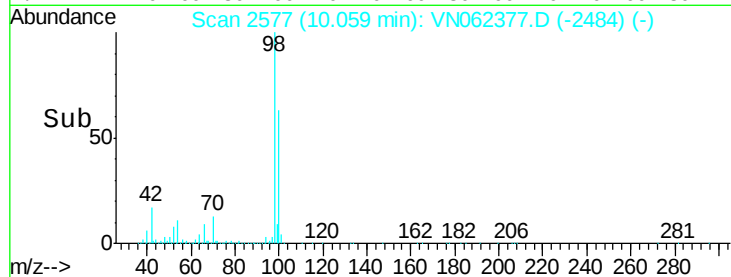
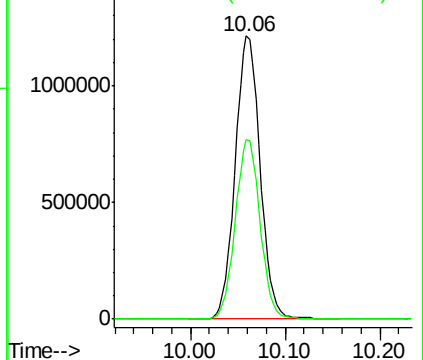
98 100

100 62.9 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.546 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062377.D

Acq: 6 Jul 2020 21:08

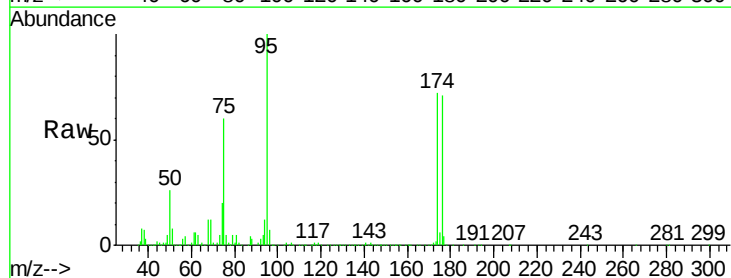
Tgt Ion: 95 Resp: 783512

Ion Ratio Lower Upper

95 100

174 71.5 0.0 145.8

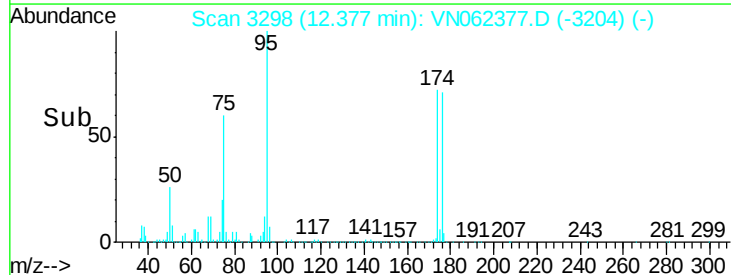
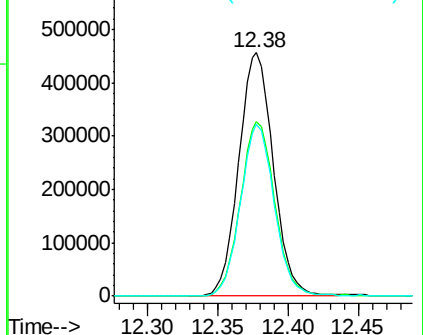
176 69.3 0.0 140.2

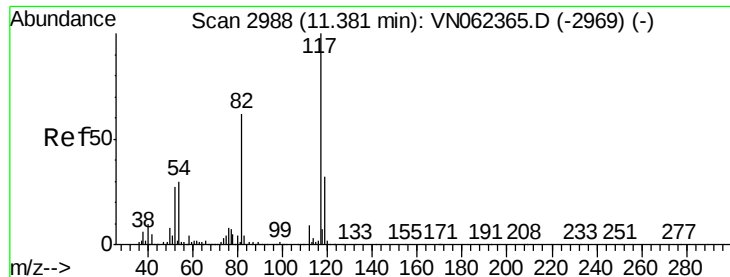


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062377.D

Acq: 6 Jul 2020 21:08

Instrument :

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ClientSampleId :

BP-MW180-SOIL-604-608

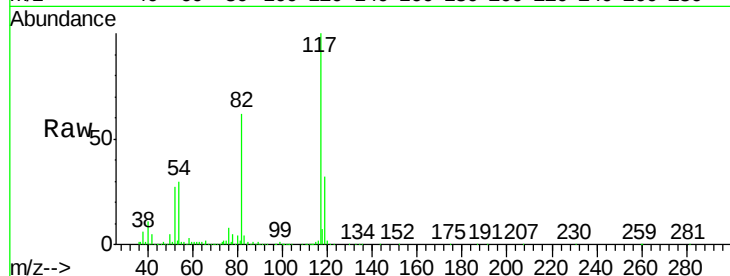
Tot Ion:117 Resp: 1649275

Ion Ratio Lower Upper

117 100

82 61.9 49.4 74.2

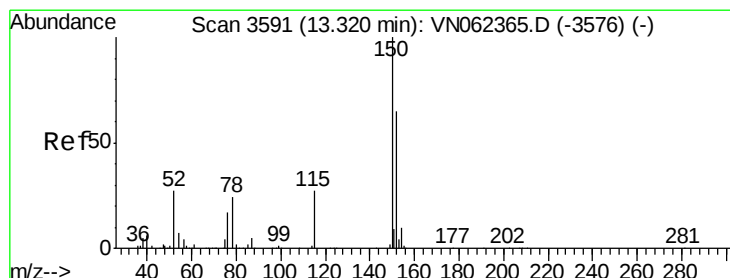
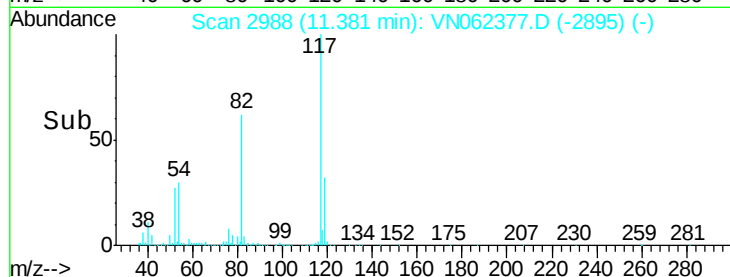
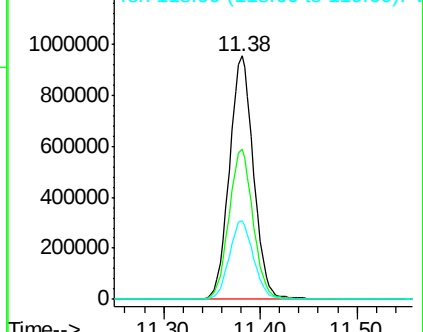
119 32.1 25.6 38.4



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: VN062377.D

Acq: 6 Jul 2020 21:08

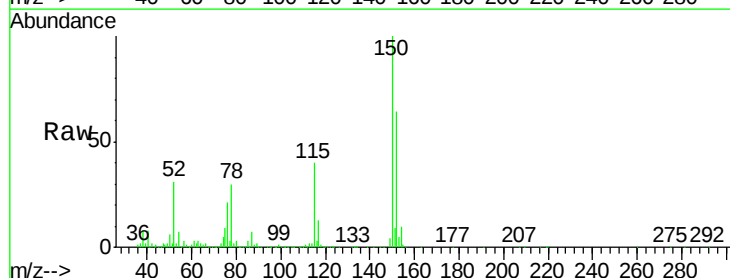
Tgt Ion:152 Resp: 616590

Ion Ratio Lower Upper

152 100

115 62.8 30.5 91.5

150 157.0 0.0 346.8



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

