

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062374.D
 Acq On : 6 Jul 2020 19:55
 Operator : JC/MD
 Sample : L3212-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

Quant Time: Jul 07 06:50:00 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

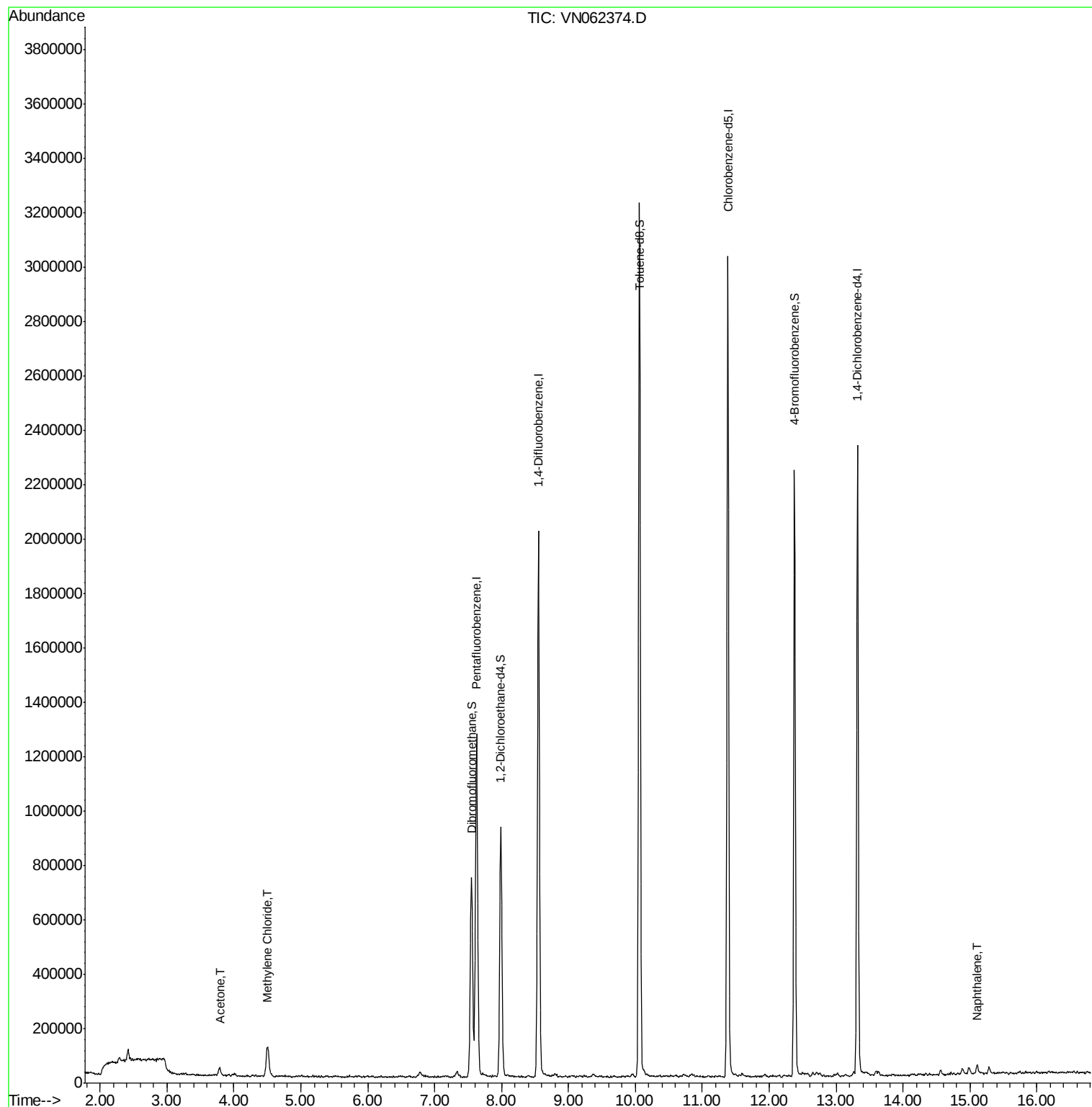
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	906272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1614877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1522221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	573015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	802477	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	7.55	113	546754	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	10.06	98	2090450	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.38	95	721571	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
16) Acetone	3.79	43	46632	6.170	ug/l	92
20) Methylene Chloride	4.51	84	74796	5.450	ug/l	97
95) Naphthalene	15.11	128	24806	3.040	ug/l	96

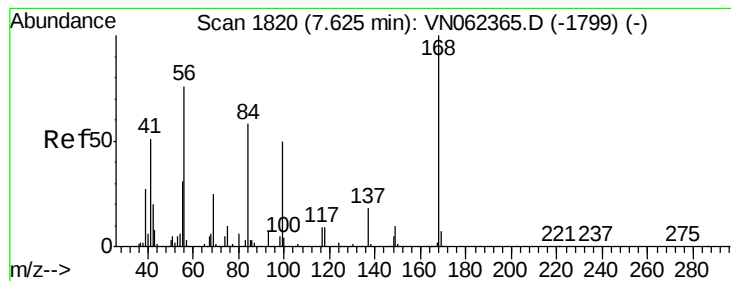
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

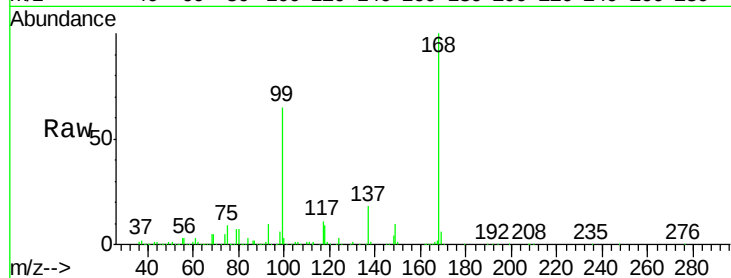
BP-MW180-SOIL-616-618

Tot Ion:168 Resp: 906272

Ion Ratio Lower Upper

168 100

99 64.8 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062365.D (-1799) (-)

Ion 98.90 (98.60 to 99.60): VN062365.D (-1799) (-)

7.63

400000

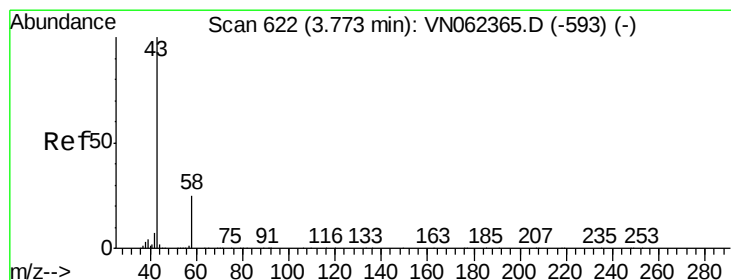
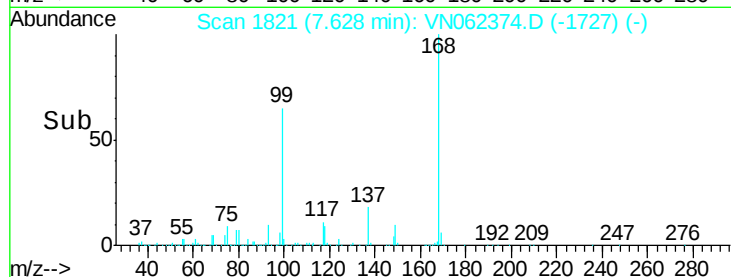
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.170 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.02 min

Lab File: VN062374.D

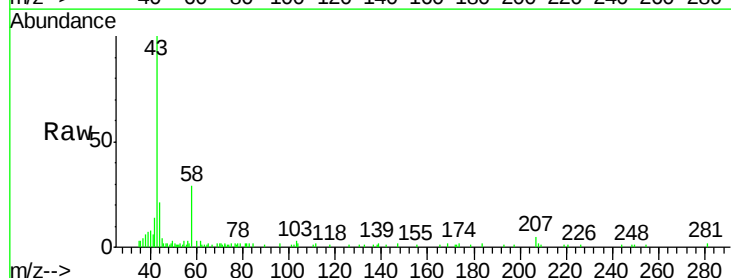
Acq: 6 Jul 2020 19:55

Tgt Ion: 43 Resp: 46632

Ion Ratio Lower Upper

43 100

58 29.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN062365.D (-593) (-)

3.79

20000

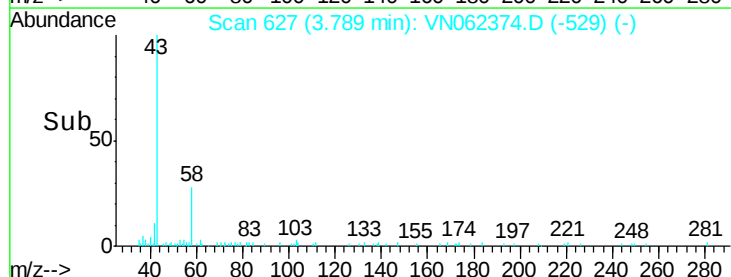
15000

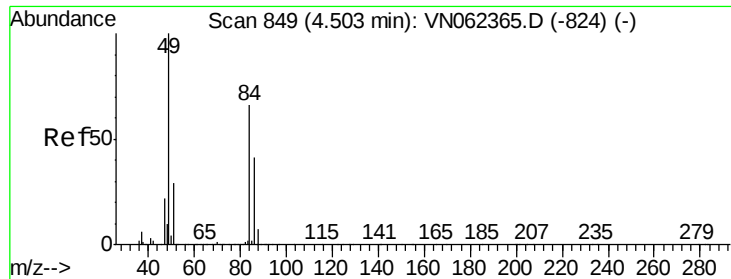
10000

5000

0

Time-->

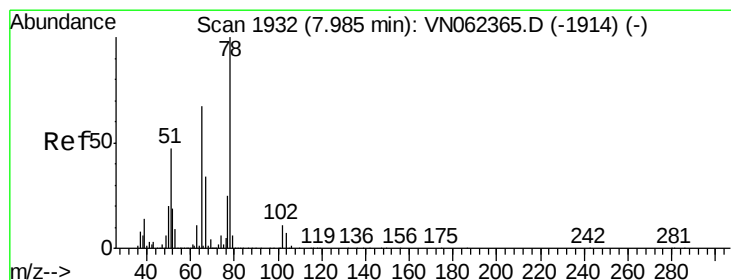
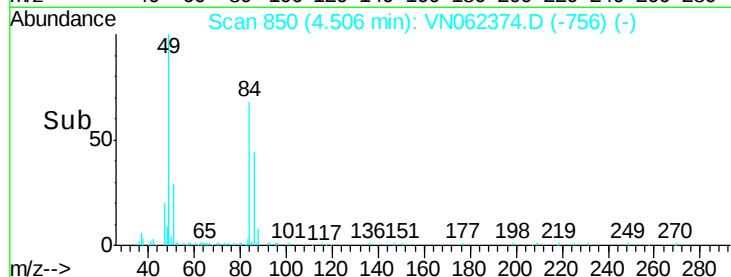
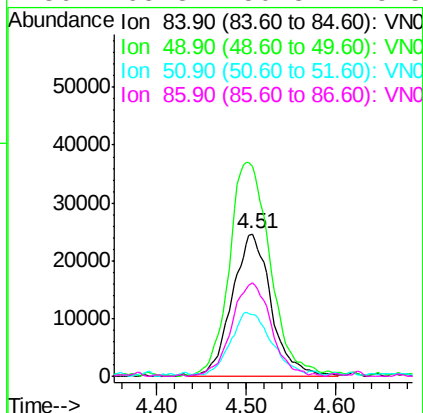
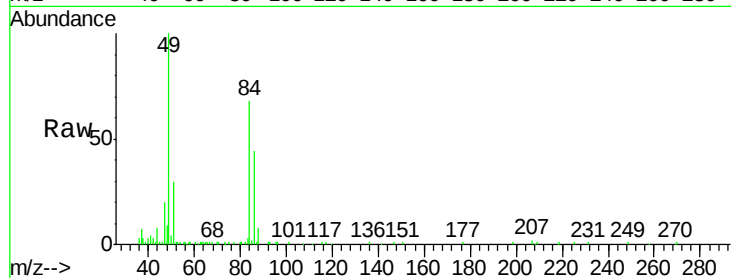




#20
Methvlene Chloride
Concen: 5.450 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

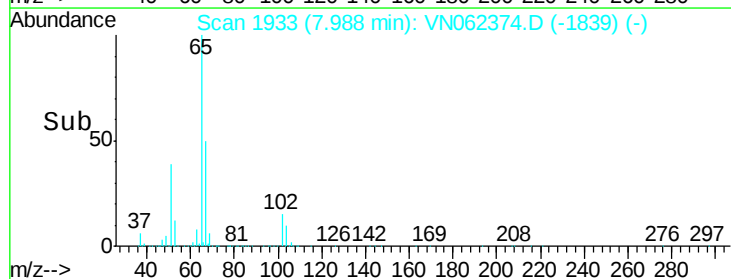
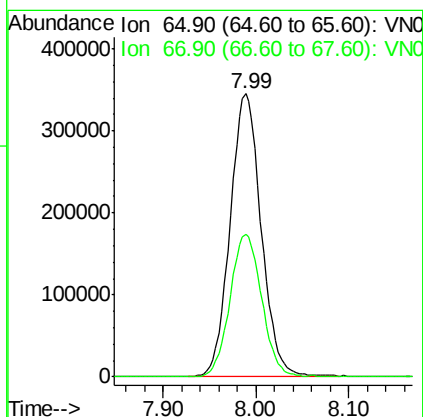
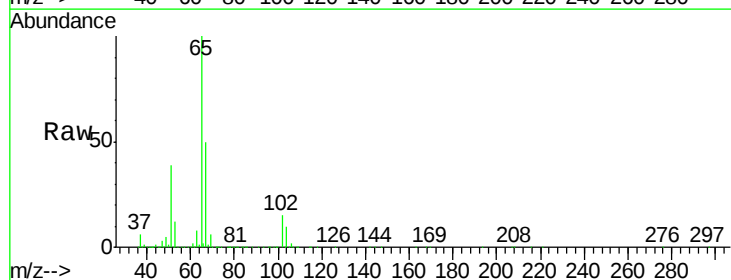
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-616-618

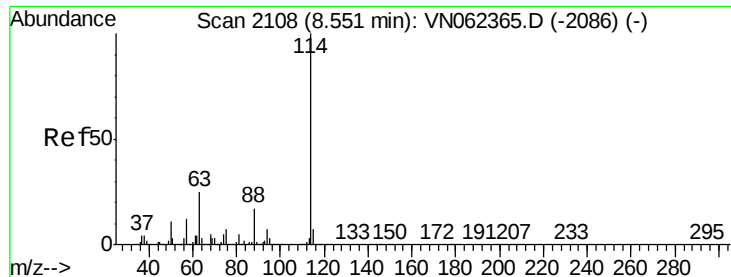
Tot Ion: 84 Resp: 74796
Ion Ratio Lower Upper
84 100
49 147.7 121.8 182.6
51 41.7 35.0 52.4
86 65.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.951 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

Tgt Ion: 65 Resp: 802477
Ion Ratio Lower Upper
65 100
67 51.0 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: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-616-618

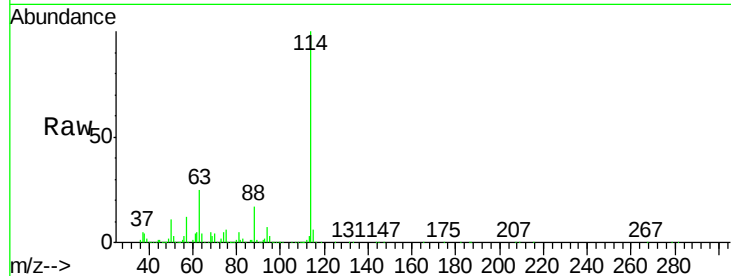
Tot Ion:114 Resp: 1614877

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.0

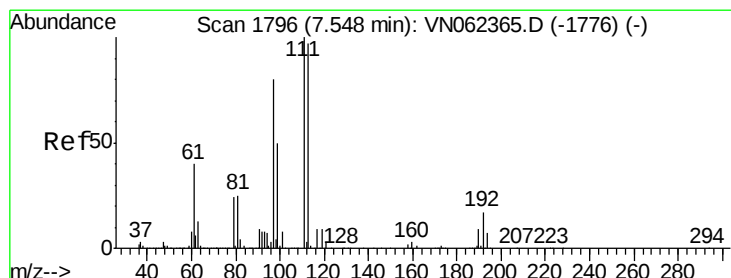
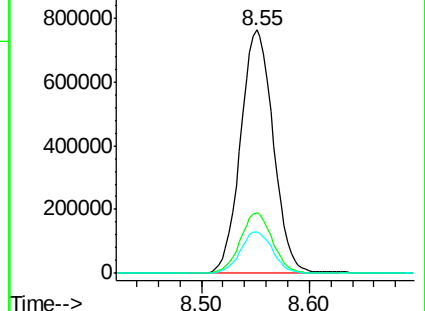
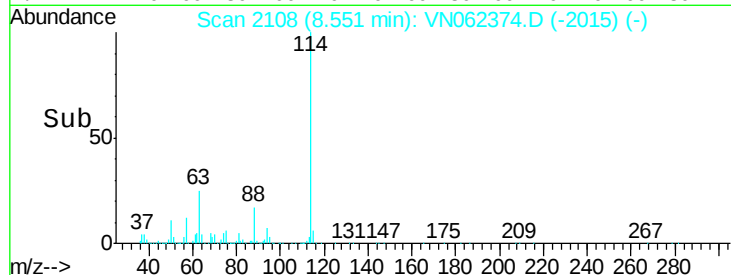
88 17.1 0.0 34.0



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: 49.630 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

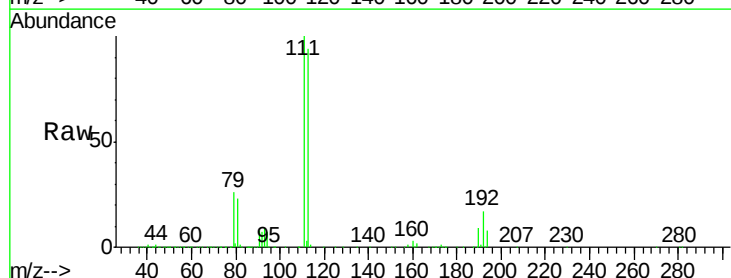
Tgt Ion:113 Resp: 546754

Ion Ratio Lower Upper

113 100

111 104.5 83.2 124.8

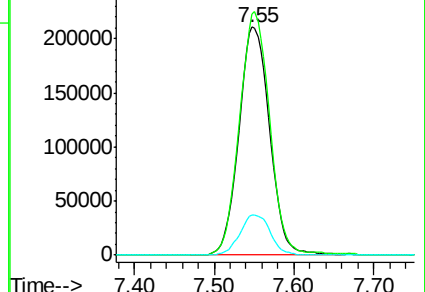
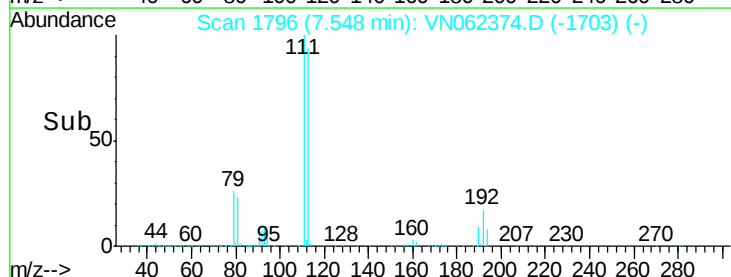
192 17.4 14.2 21.2

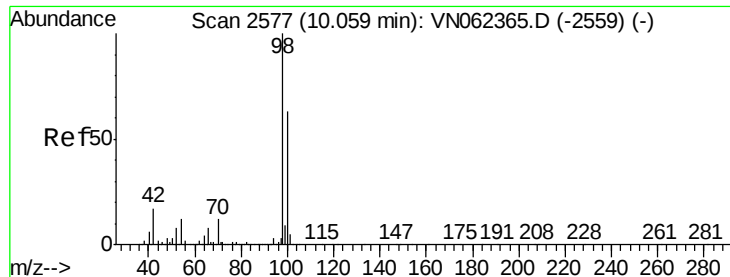


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.761 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

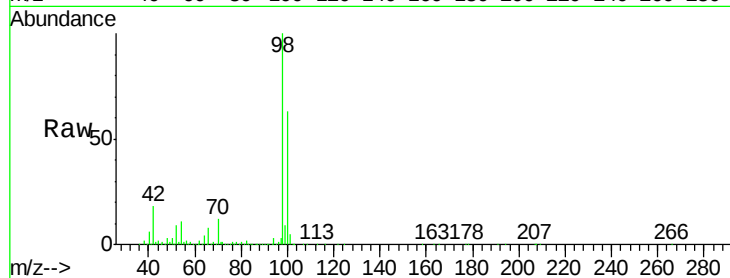
BP-MW180-SOIL-616-618

Tot Ion: 98 Resp: 2090450

Ion Ratio Lower Upper

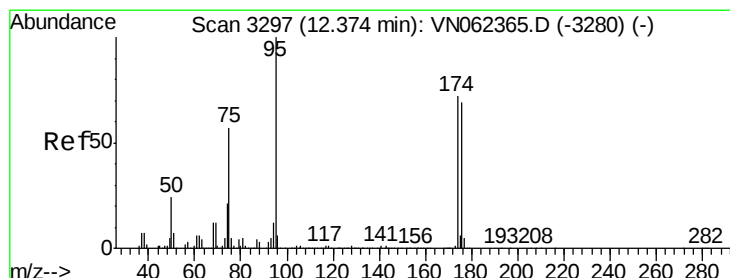
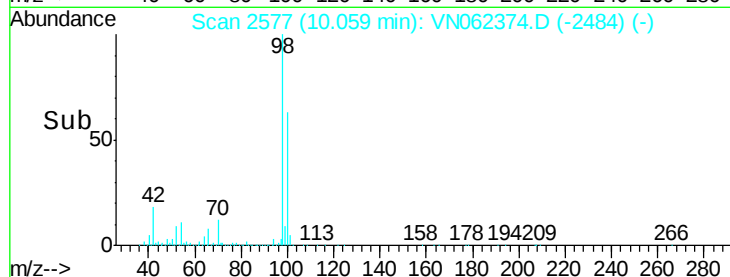
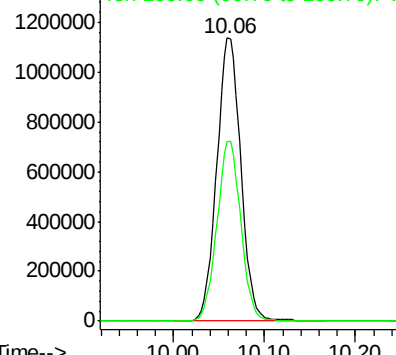
98 100

100 63.1 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: 45.749 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

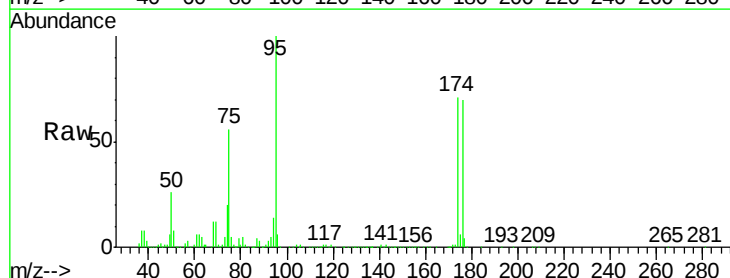
Tgt Ion: 95 Resp: 721571

Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.8

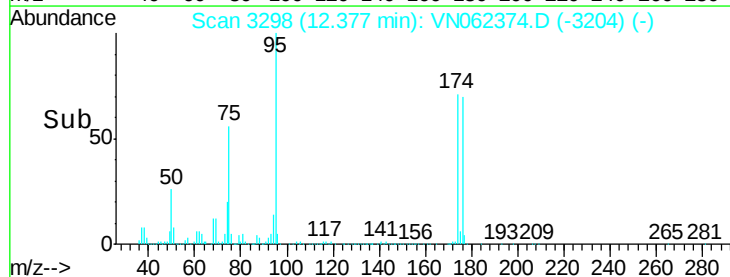
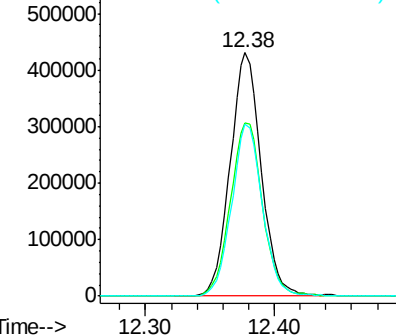
176 69.9 0.0 140.2

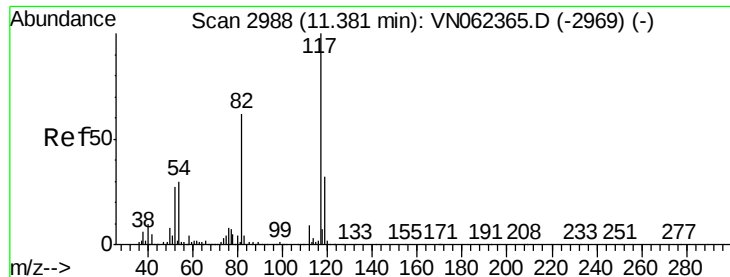


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

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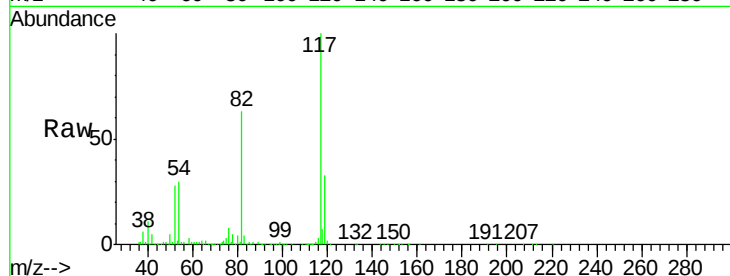
Tot Ion:117 Resp: 1522221

Ion Ratio Lower Upper

117 100

82 63.2 49.4 74.2

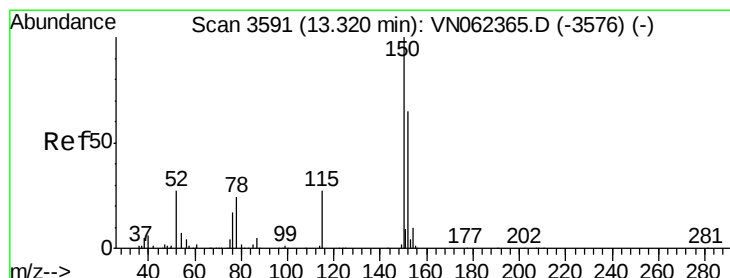
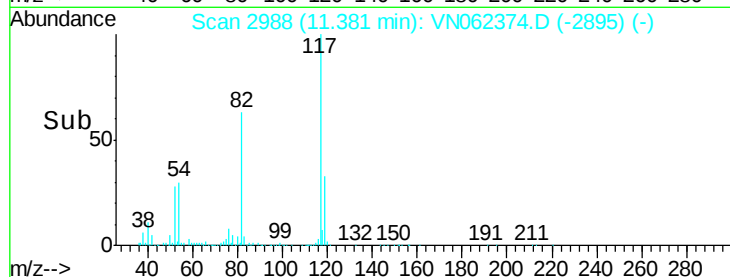
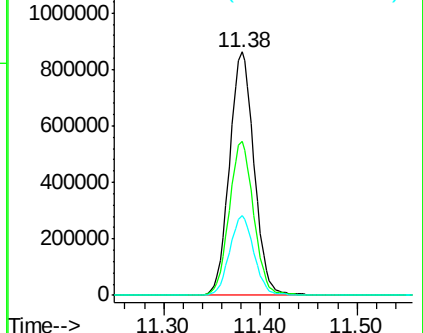
119 32.7 25.6 38.4



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: VN062374.D

Acq: 6 Jul 2020 19:55

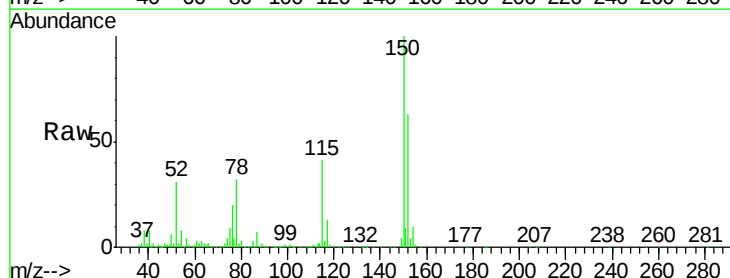
Tgt Ion:152 Resp: 573015

Ion Ratio Lower Upper

152 100

115 61.5 30.5 91.5

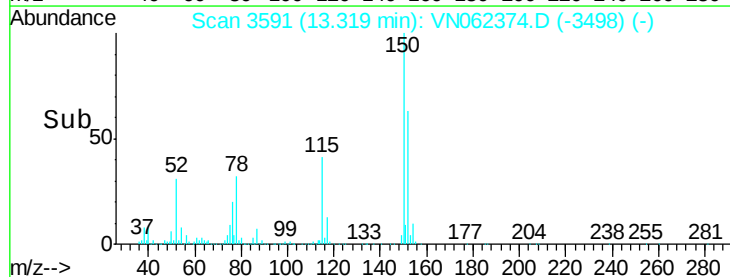
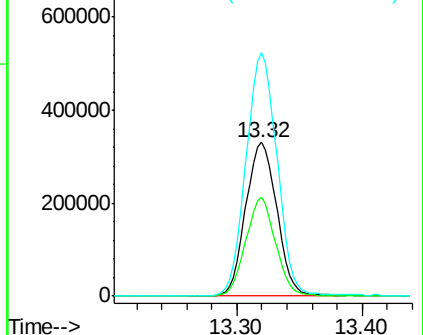
150 158.2 0.0 346.8

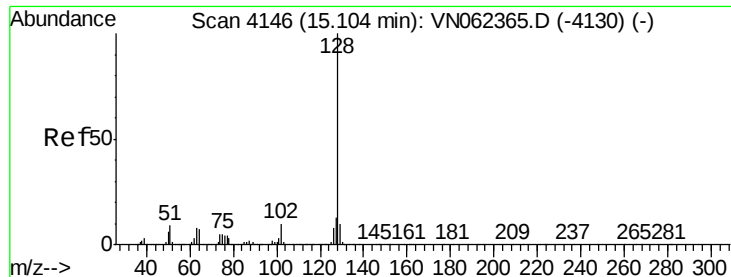


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.040 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062374.D

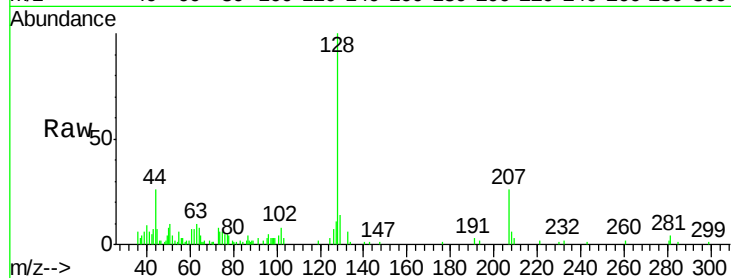
Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-616-618



Tot Ion:128 Resp: 24806

Ion Ratio Lower Upper

128 100

127 15.0 10.8 16.2

129 12.5 8.6 12.8

