

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062436.D
 Acq On : 9 Jul 2020 3:59
 Operator : JC/MD
 Sample : L3164-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200629

Quant Time: Jul 09 05:18:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	178451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111676	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	140203	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.55	113	103838	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	10.06	98	414274	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.38	95	146901	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	

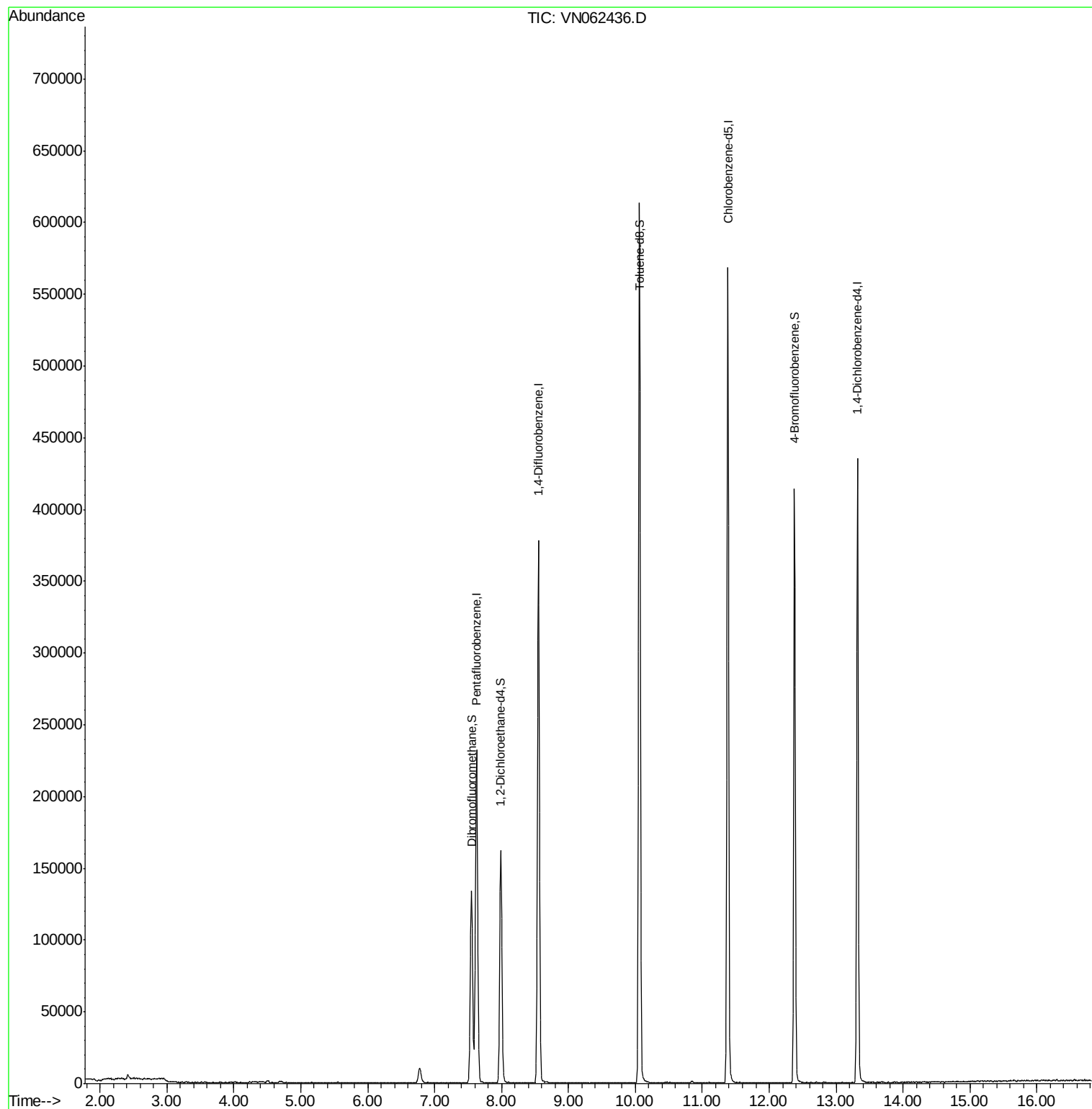
Target Compounds	Qvalue
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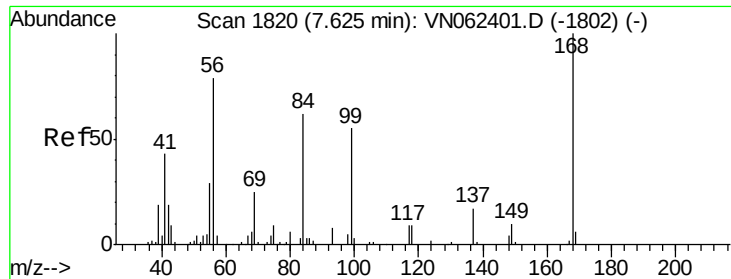
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 02:12:34 2020
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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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Instrument :

MSVOA_N

ClientSampleId :

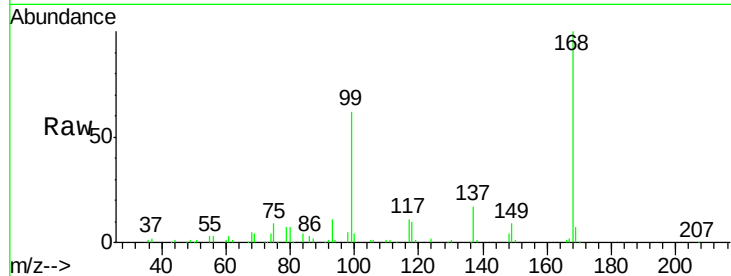
BP-MW180-TB-20200629

Tot Ion:168 Resp: 178451

Ion Ratio Lower Upper

168 100

99 62.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

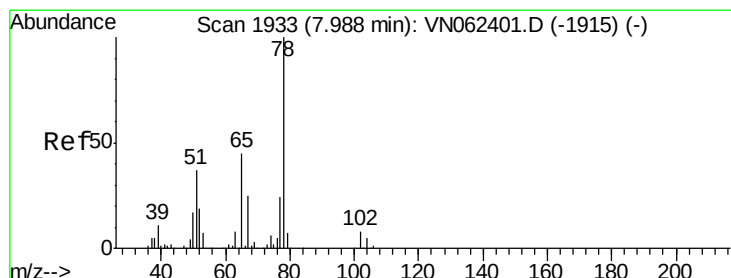
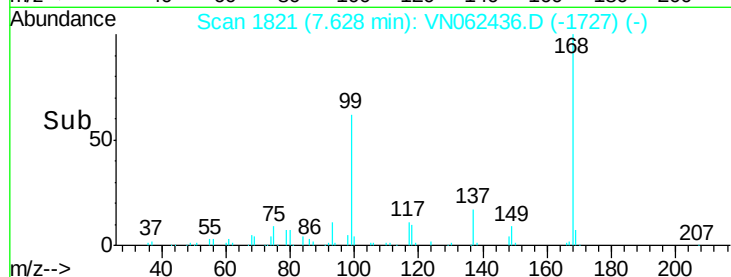
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062436.D

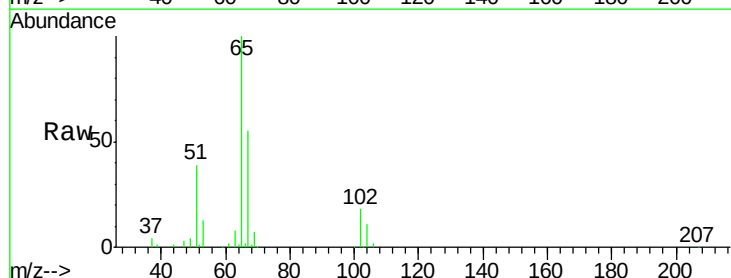
Acq: 9 Jul 2020 3:59

Tgt Ion: 65 Resp: 140203

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

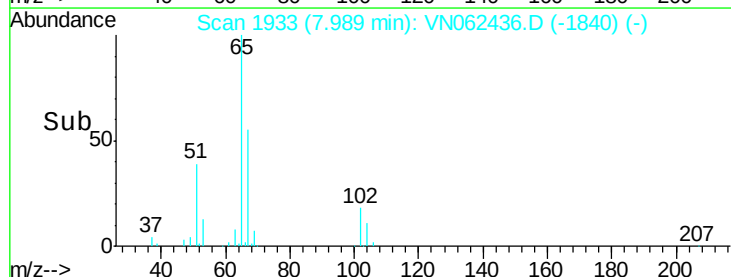
60000

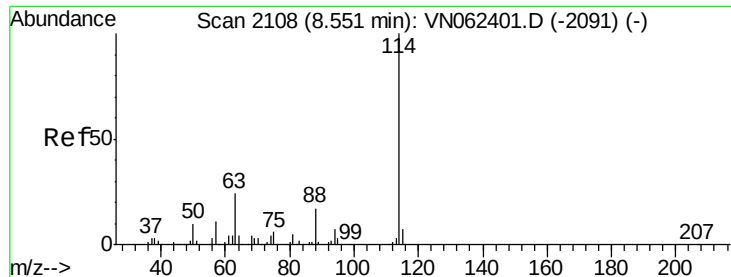
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-TB-20200629

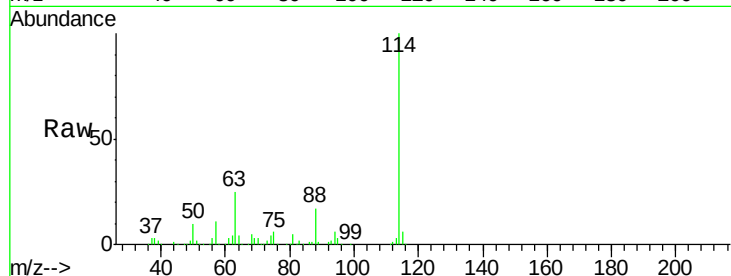
Tot Ion:114 Resp: 319448

Ion Ratio Lower Upper

114 100

63 24.9 0.0 48.4

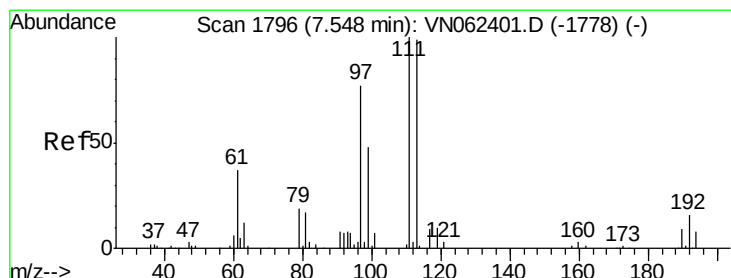
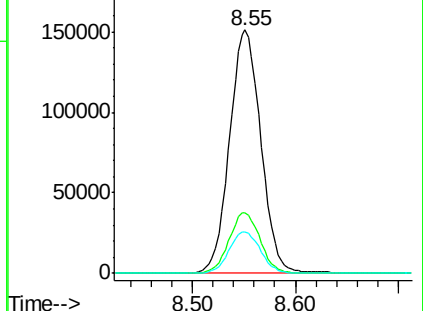
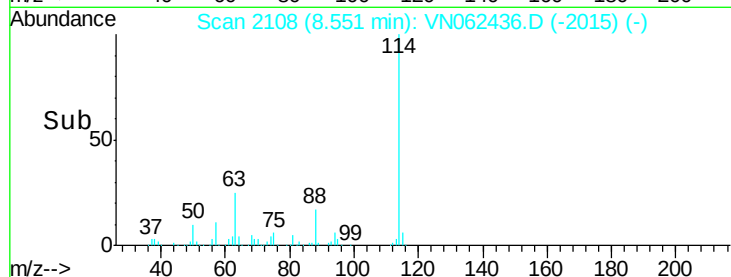
88 17.0 0.0 33.8



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: 52.586 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

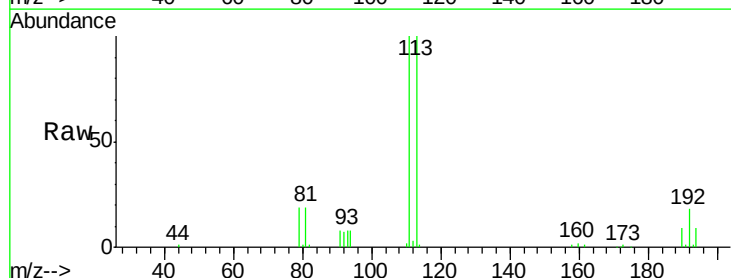
Tgt Ion:113 Resp: 103838

Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

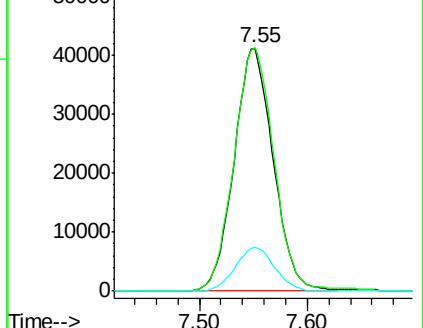
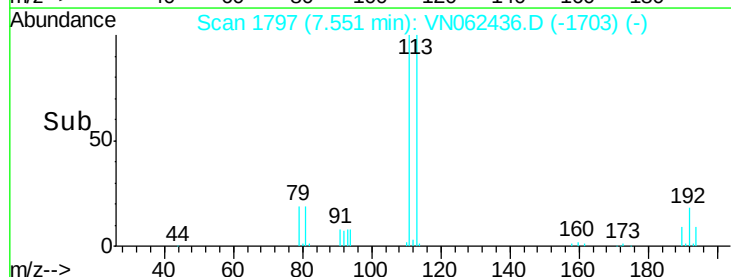
192 18.0 14.1 21.1

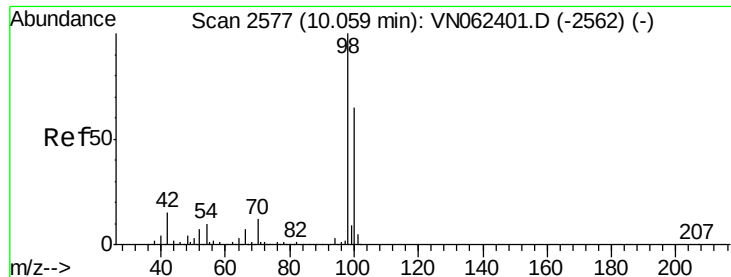


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.145 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

Instrument :

MSVOA_N

ClientSampleId :

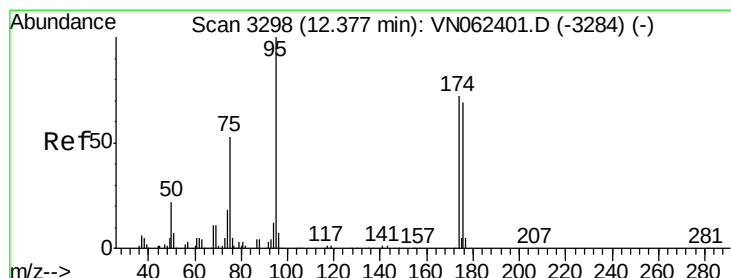
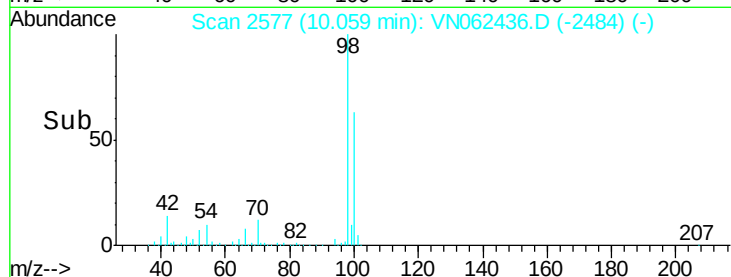
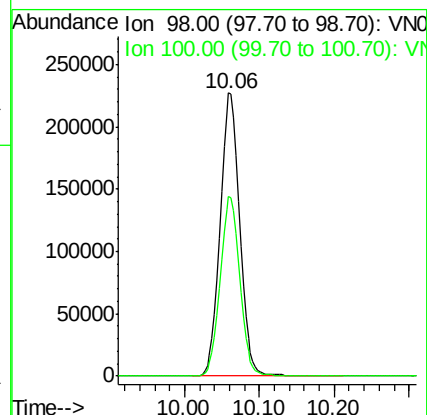
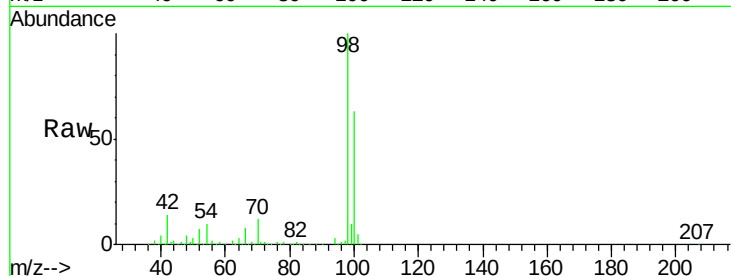
BP-MW180-TB-20200629

Tot Ion: 98 Resp: 414274

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.569 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

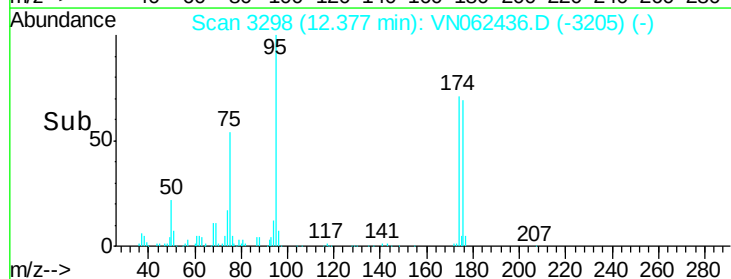
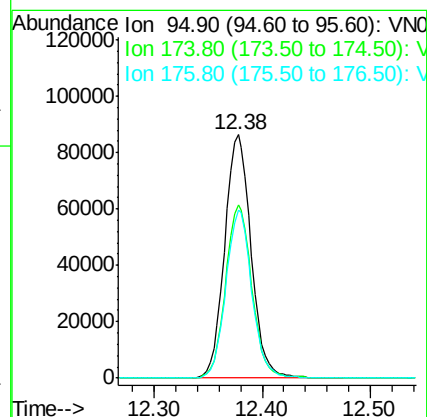
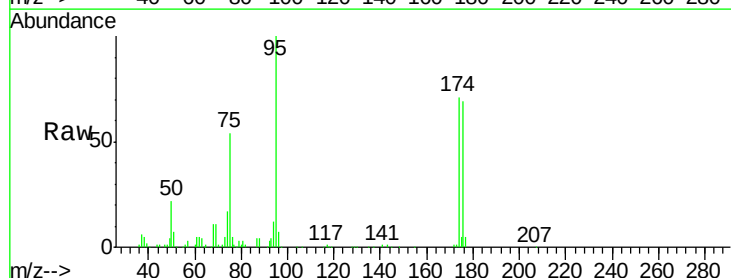
Tgt Ion: 95 Resp: 146901

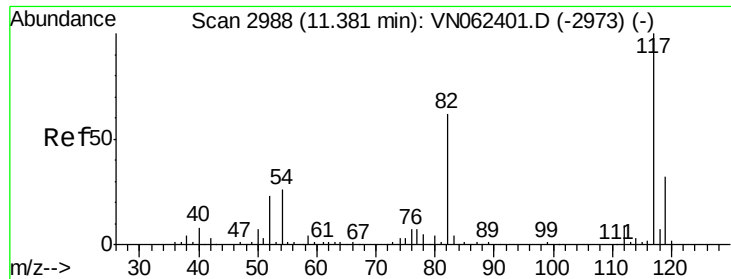
Ion Ratio Lower Upper

95 100

174 70.9 0.0 141.6

176 67.8 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: VN062436.D

Acq: 9 Jul 2020 3:59

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-TB-20200629

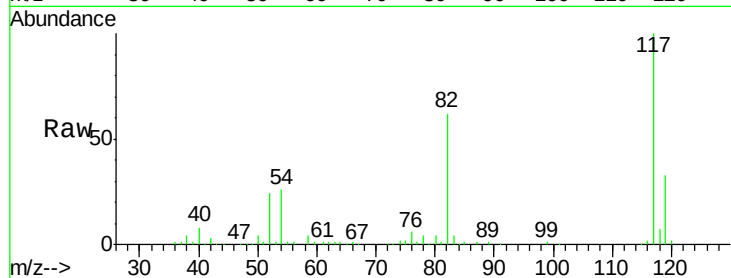
Tot Ion:117 Resp: 307261

Ion Ratio Lower Upper

117 100

82 61.6 49.6 74.4

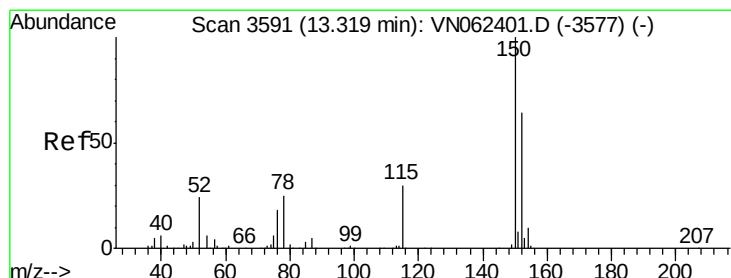
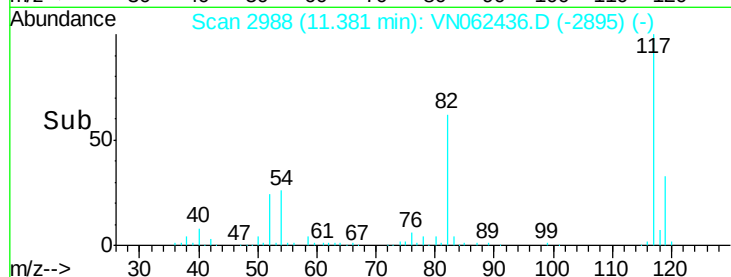
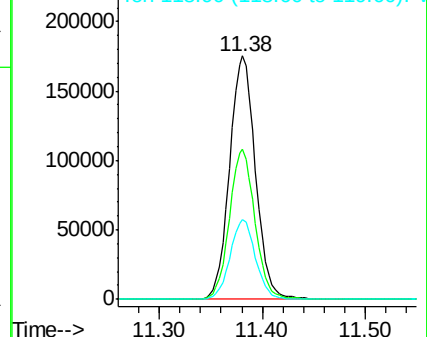
119 32.7 25.4 38.0



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: VN062436.D

Acq: 9 Jul 2020 3:59

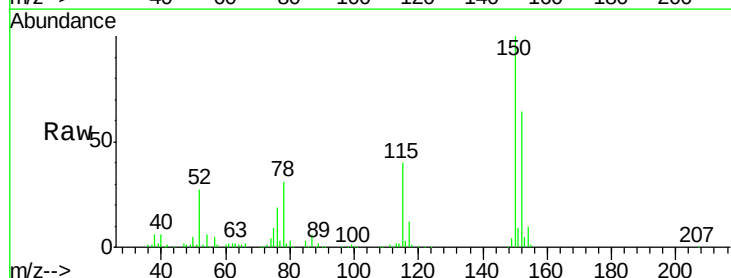
Tgt Ion:152 Resp: 111676

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

150 158.5 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

