

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062299.D
 Acq On : 1 Jul 2020 18:07
 Operator : JC/MD
 Sample : L3192-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200630

Quant Time: Jul 02 07:34:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	187819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	349706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120400	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	149971	56.90	ug/l	0.00
Spiked Amount			Recovery	=	113.80%	
35) Dibromofluoromethane	7.55	113	117488	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	10.06	98	473508	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.38	95	146650	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

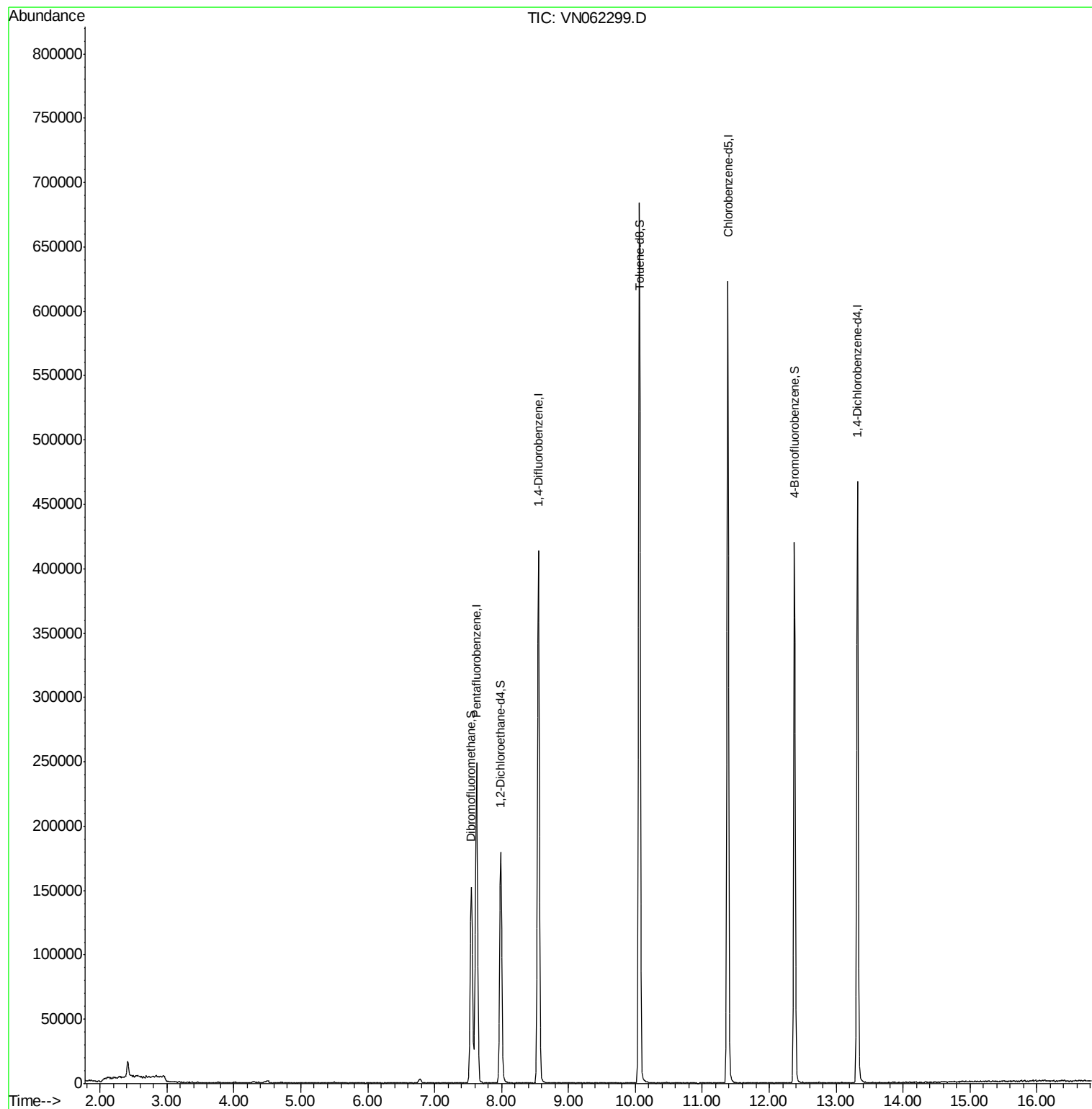
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

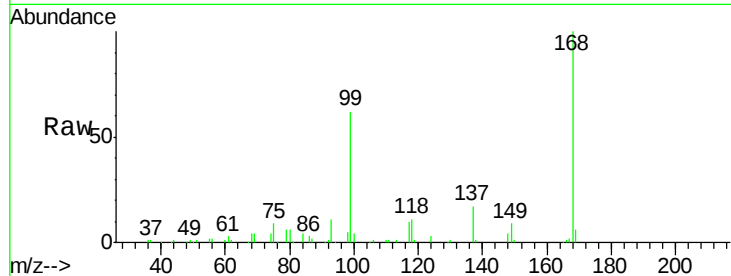
BP-MW180-TB-20200630

Tot Ion:168 Resp: 187819

Ion Ratio Lower Upper

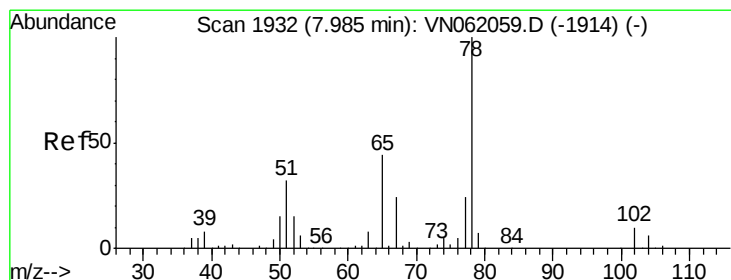
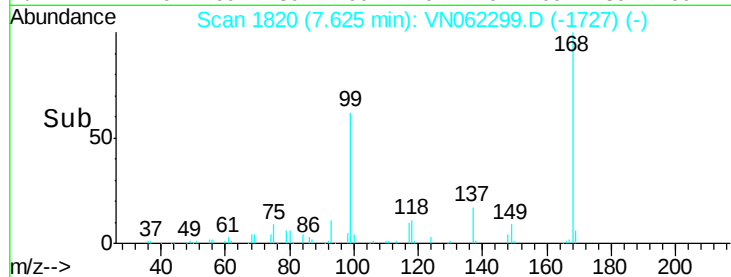
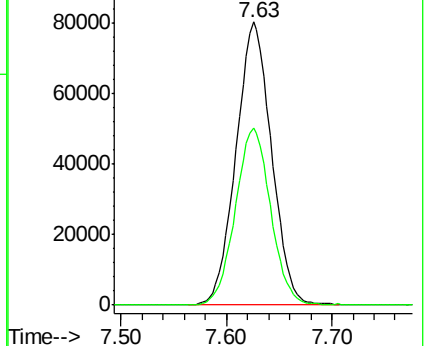
168 100

99 62.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 56.899 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062299.D

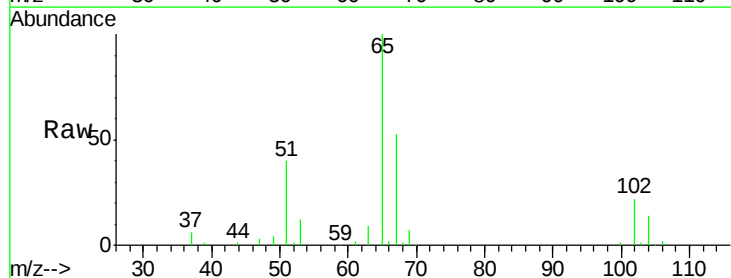
Acq: 1 Jul 2020 18:07

Tgt Ion: 65 Resp: 149971

Ion Ratio Lower Upper

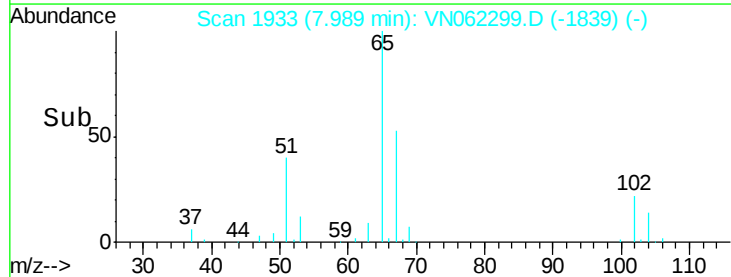
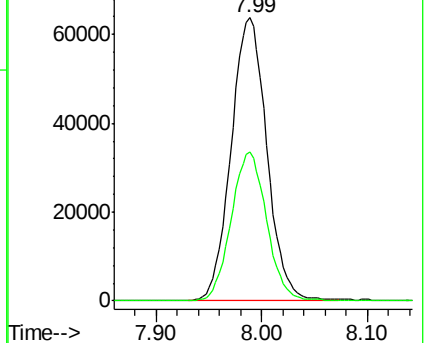
65 100

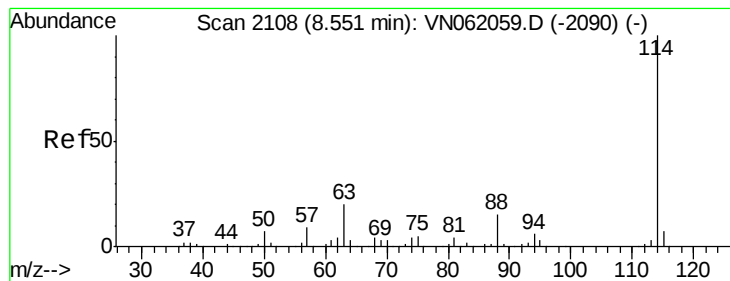
67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-TB-20200630

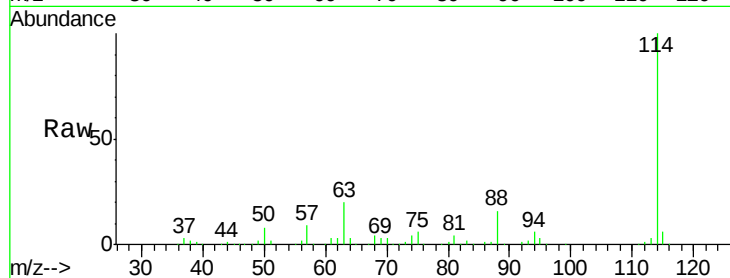
Tot Ion:114 Resp: 365248

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

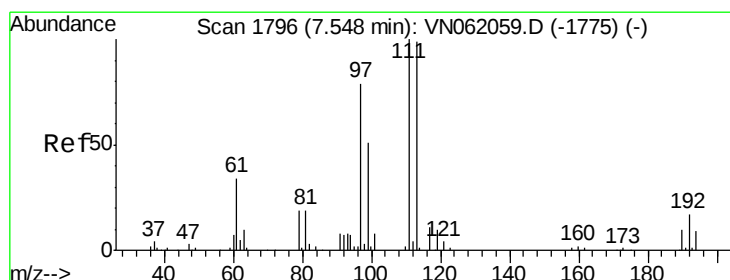
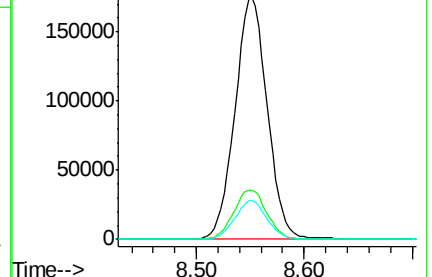
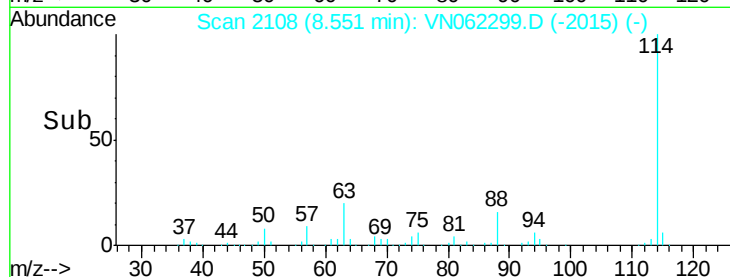
88 16.0 0.0 30.8



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: 50.139 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

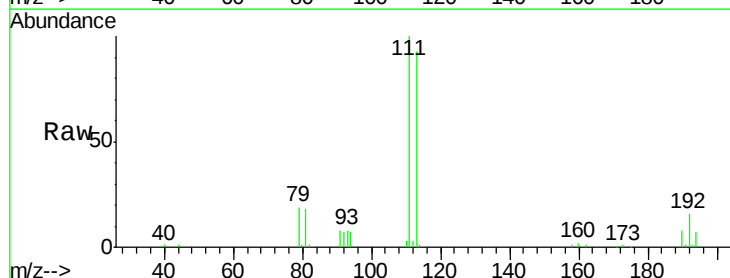
Tgt Ion:113 Resp: 117488

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

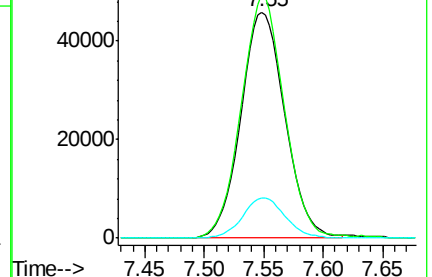
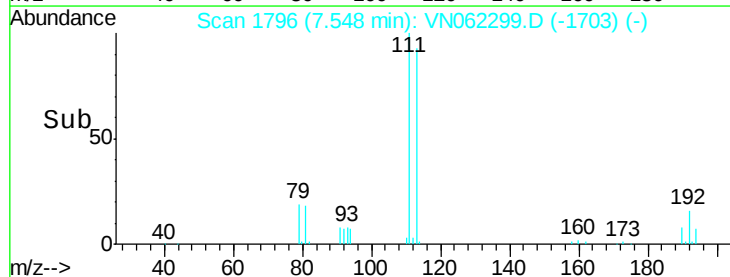
192 17.3 14.0 21.0

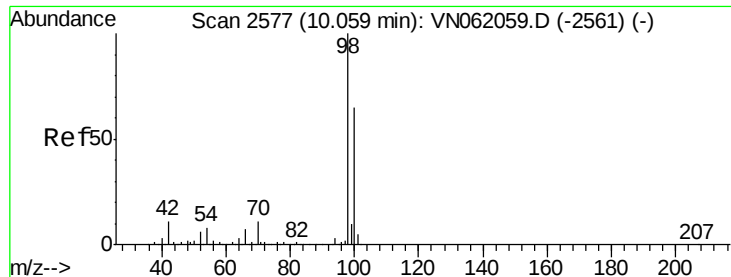


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.552 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

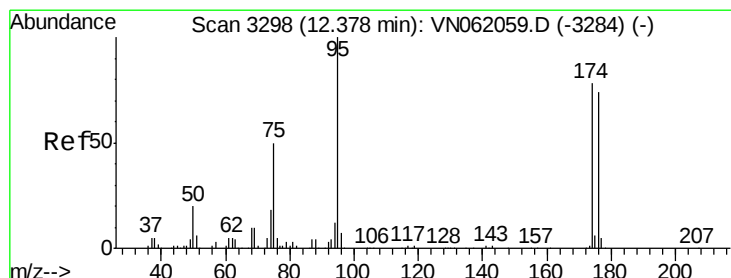
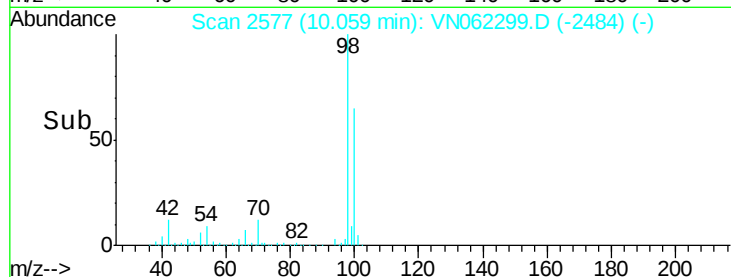
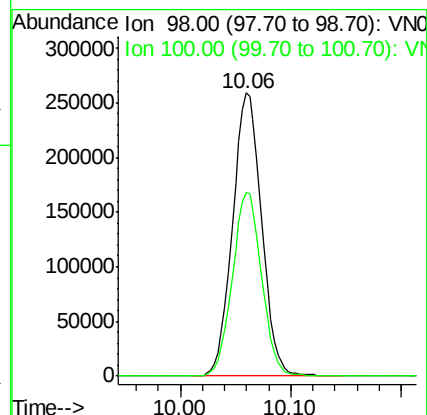
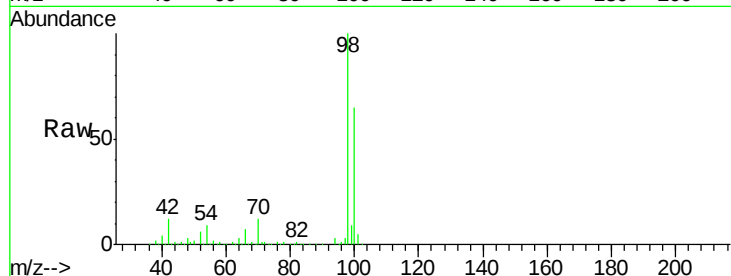
BP-MW180-TB-20200630

Tot Ion: 98 Resp: 473508

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.341 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

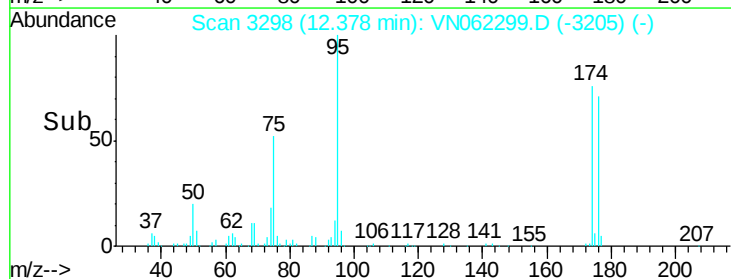
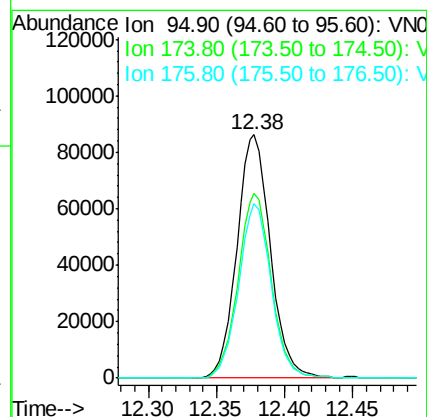
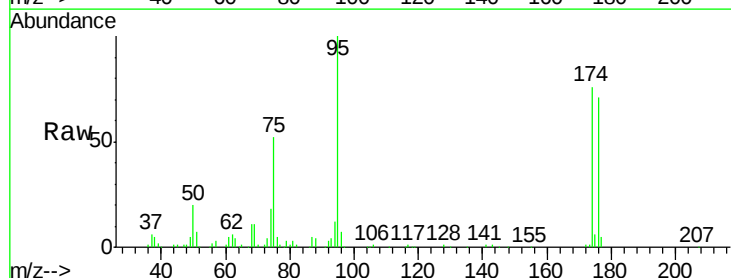
Tgt Ion: 95 Resp: 146650

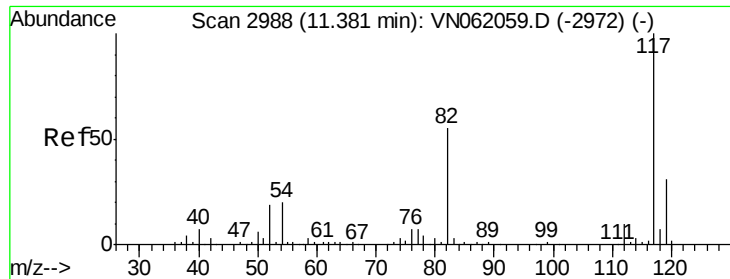
Ion Ratio Lower Upper

95 100

174 75.5 0.0 154.8

176 69.9 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-TB-20200630

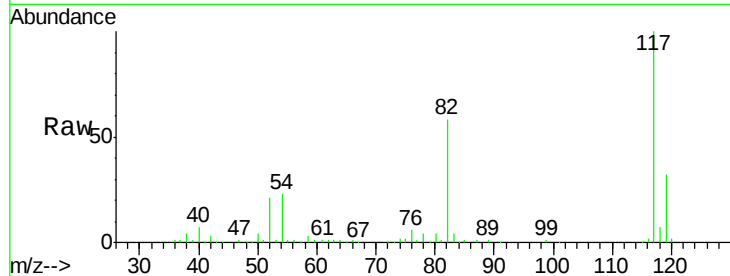
Tot Ion:117 Resp: 349706

Ion Ratio Lower Upper

117 100

82 58.3 43.8 65.8

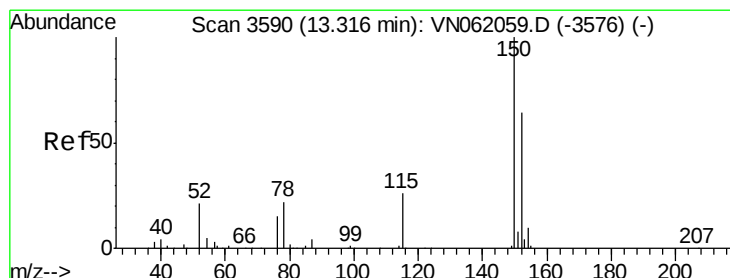
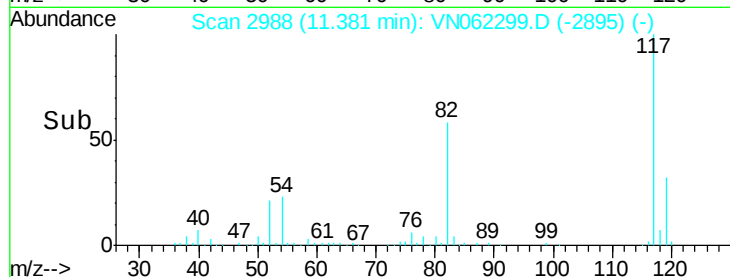
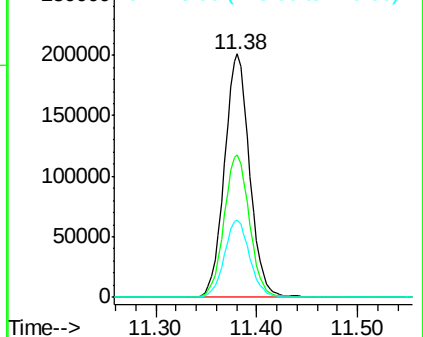
119 31.9 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN062299.D

Acq: 1 Jul 2020 18:07

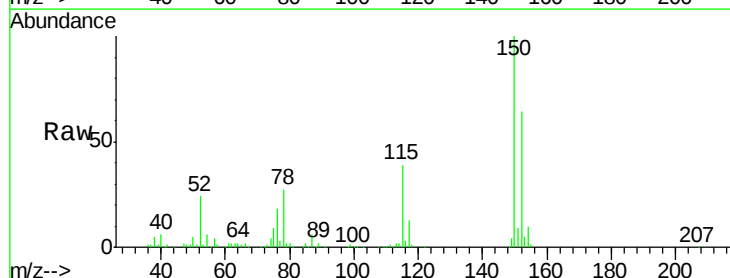
Tgt Ion:152 Resp: 120400

Ion Ratio Lower Upper

152 100

115 61.1 29.5 88.5

150 157.4 0.0 351.4



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

