

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062862.D
 Acq On : 12 Aug 2020 16:58
 Operator : JC/MD
 Sample : L3666-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-DUP-20200811

Quant Time: Aug 13 06:18:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	214040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83438	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	107435	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
35) Dibromofluoromethane	7.55	113	74968	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	10.06	98	284142	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.38	95	106702	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

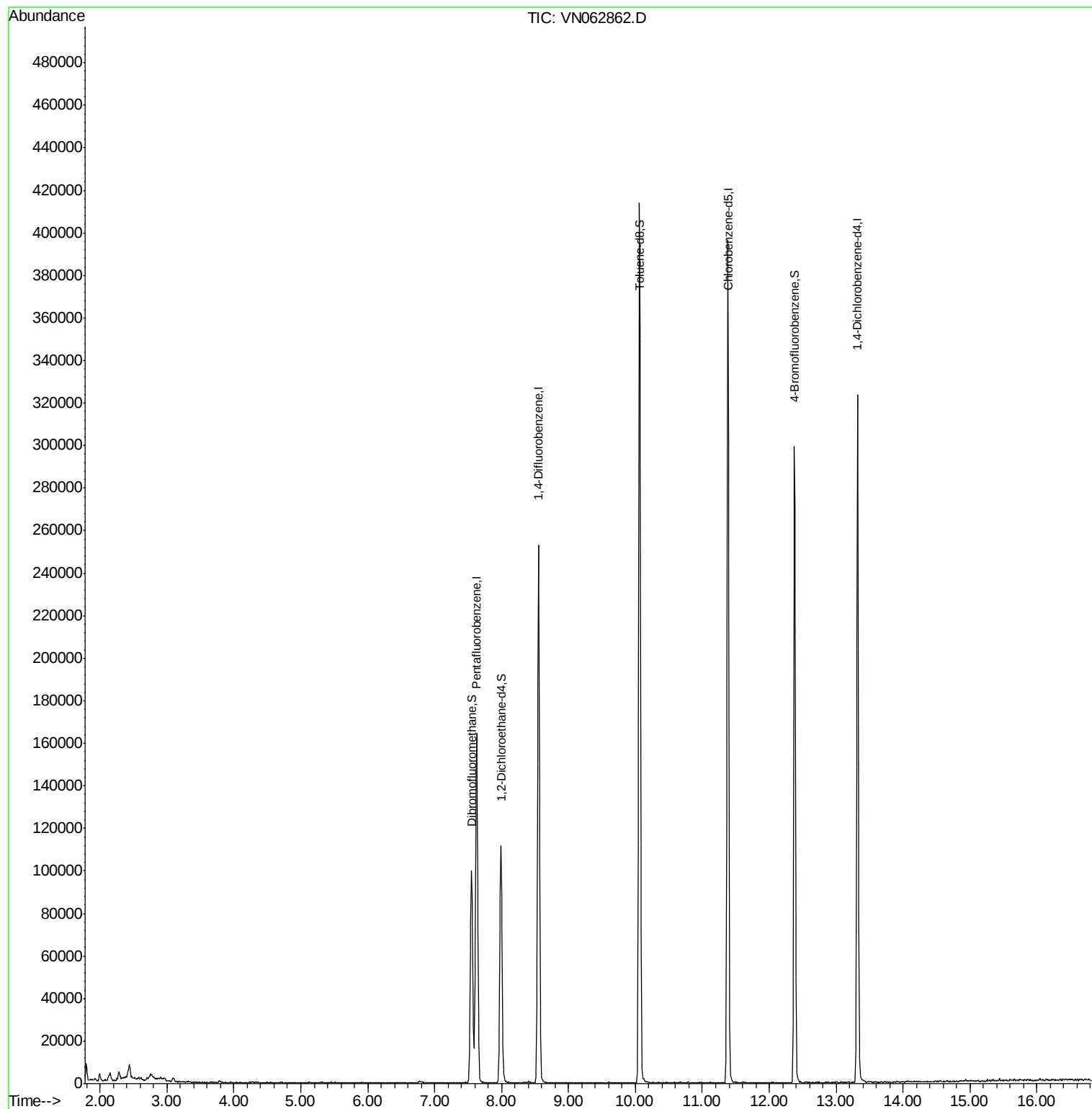
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 12 Aug 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

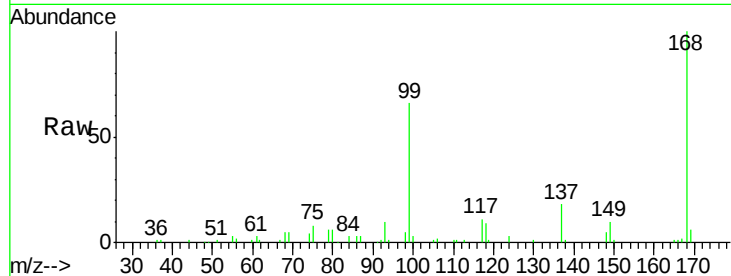
BP-VPB179-DUP-20200811

Tot Ion:168 Resp: 124444

Ion Ratio Lower Upper

168 100

99 66.4 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

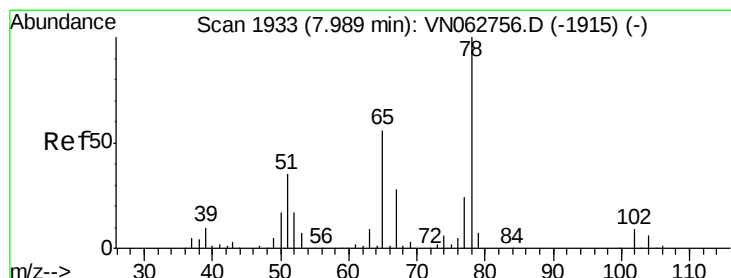
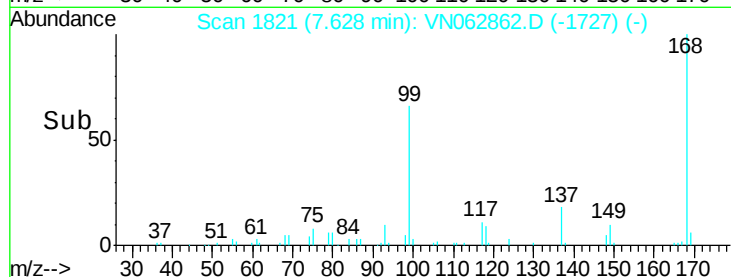
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.206 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062862.D

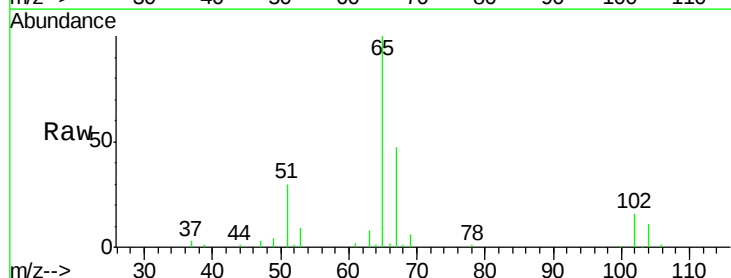
Acq: 12 Aug 2020 16:58

Tgt Ion: 65 Resp: 107435

Ion Ratio Lower Upper

65 100

67 48.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

50000

40000

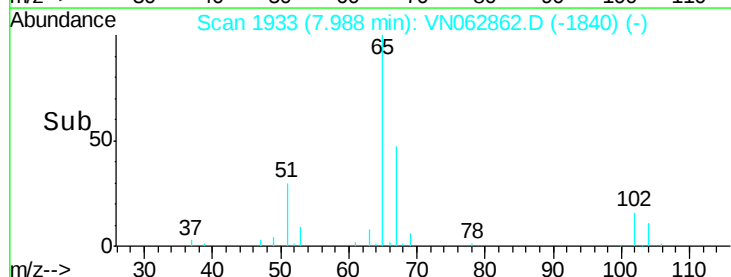
30000

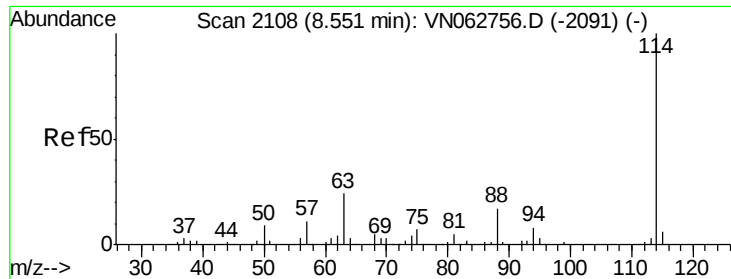
20000

10000

0

Time--> 7.90 7.95 8.00 8.05 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: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200811

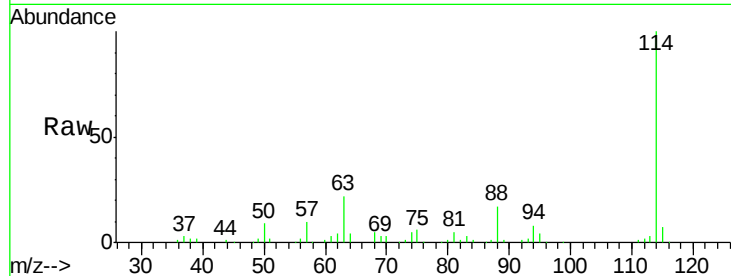
Tot Ion:114 Resp: 214040

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.6

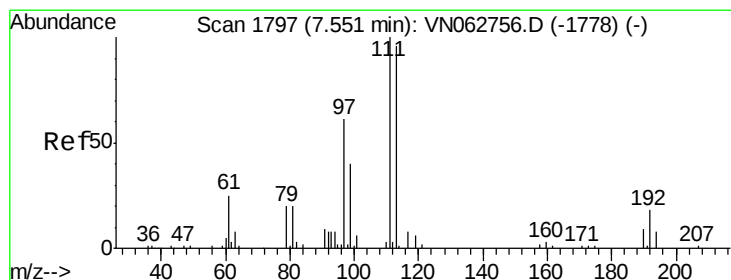
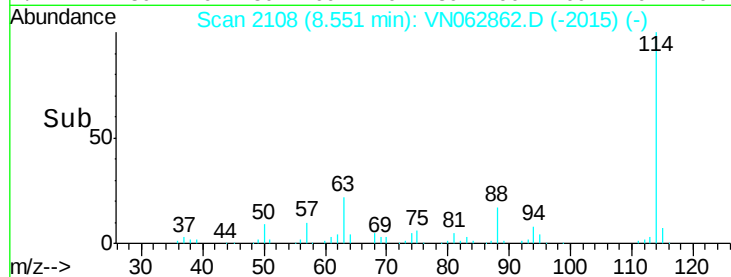
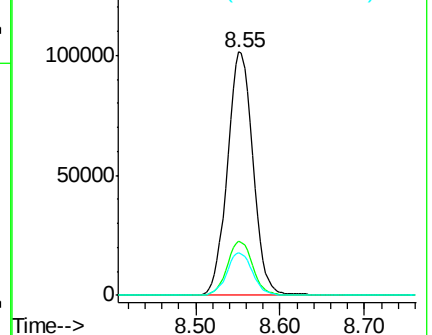
88 17.3 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.202 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

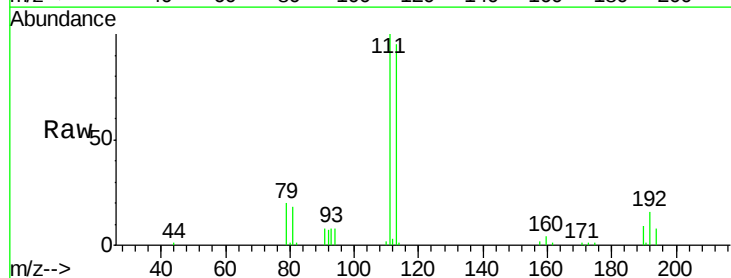
Tgt Ion:113 Resp: 74968

Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.6

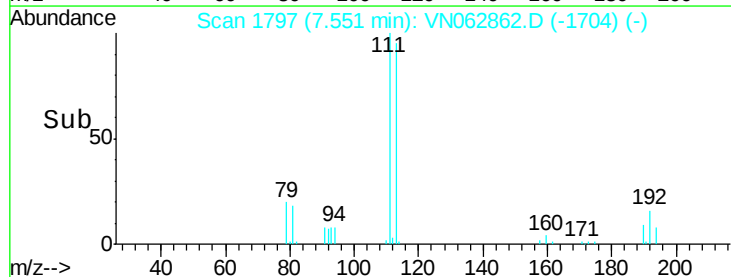
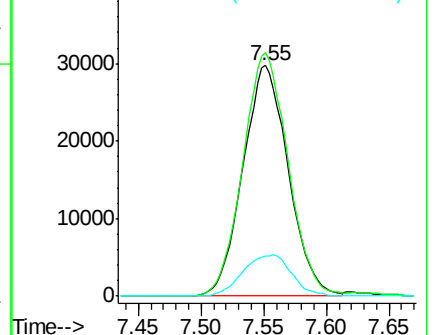
192 19.1 15.0 22.4

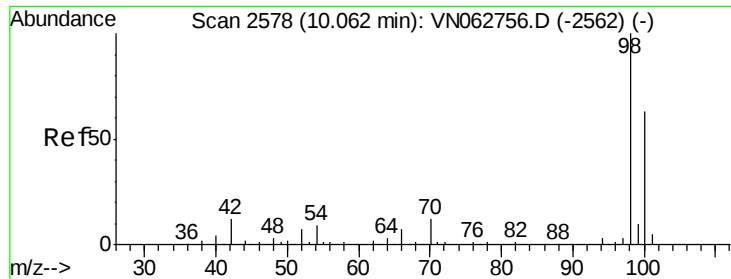


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.708 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

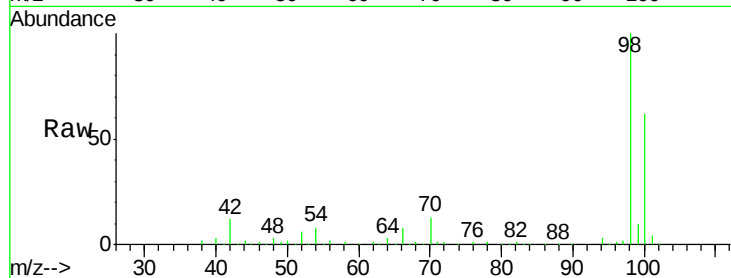
BP-VPB179-DUP-20200811

Tot Ion: 98 Resp: 284142

Ion Ratio Lower Upper

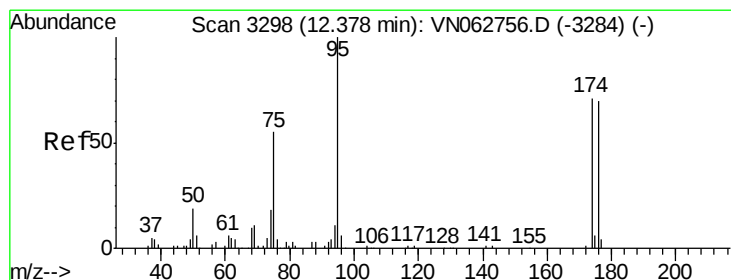
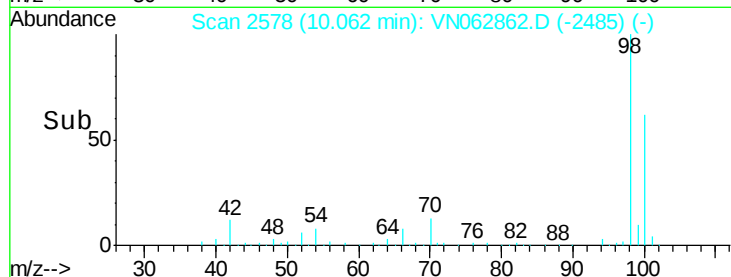
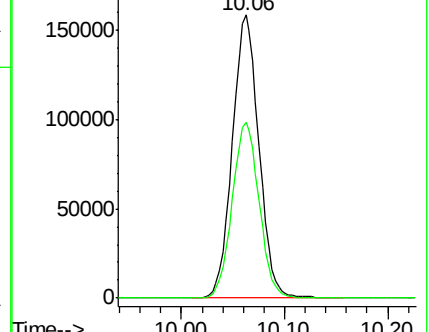
98 100

100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)



#62

4-Bromofluorobenzene

Concen: 49.396 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

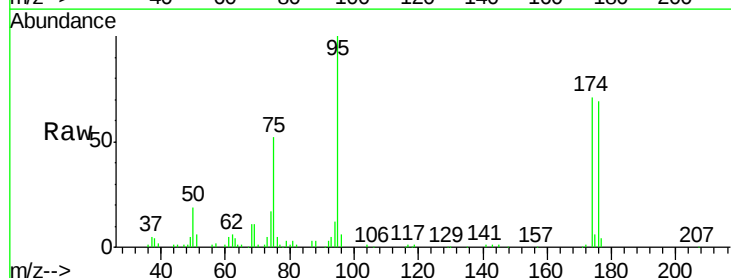
Tgt Ion: 95 Resp: 106702

Ion Ratio Lower Upper

95 100

174 74.5 0.0 144.8

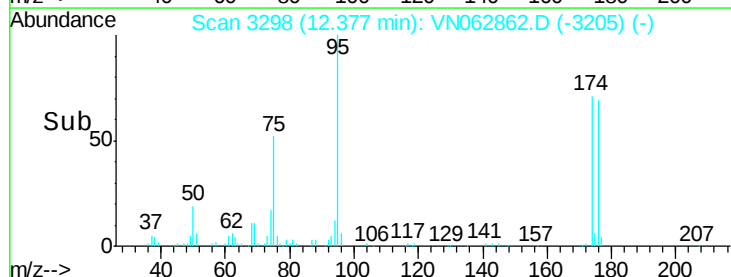
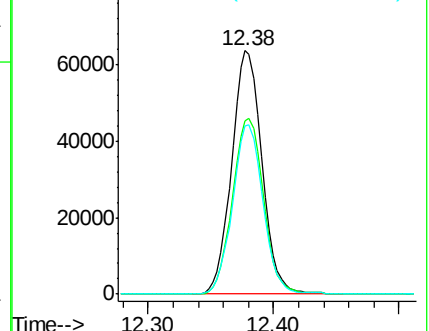
176 70.2 0.0 142.2

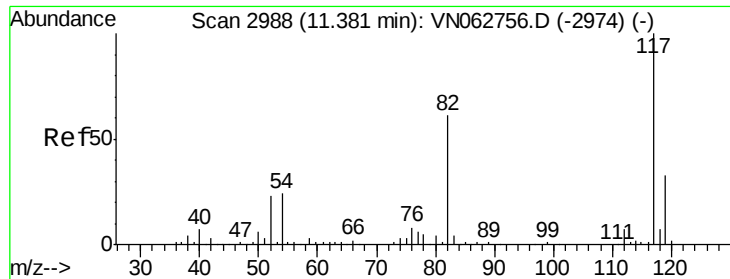


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :

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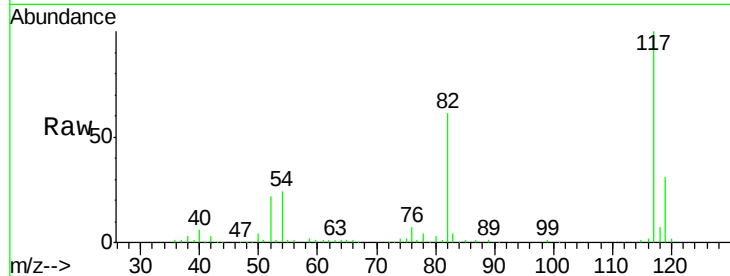
Tot Ion:117 Resp: 221822

Ion Ratio Lower Upper

117 100

82 60.7 49.0 73.4

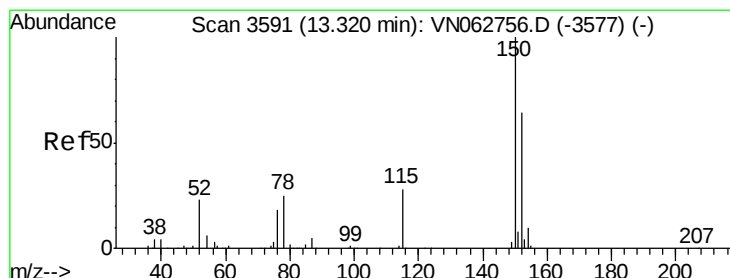
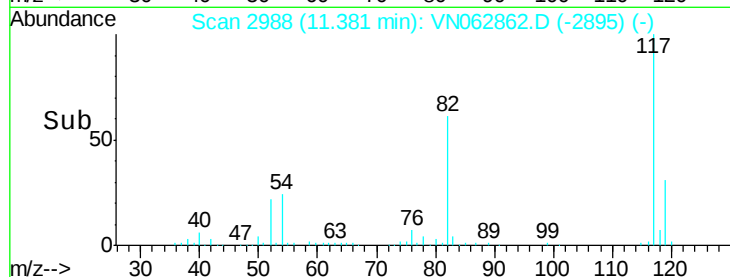
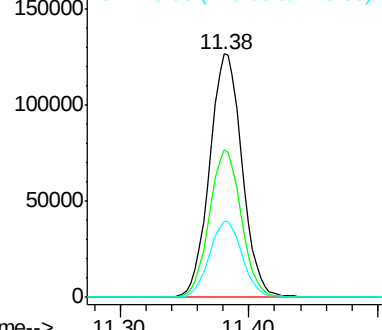
119 31.3 26.2 39.2



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: VN062862.D

Acq: 12 Aug 2020 16:58

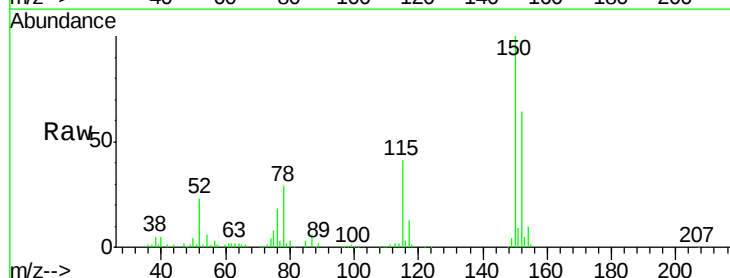
Tgt Ion:152 Resp: 83438

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

150 157.0 0.0 349.2



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

