

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063108.D
 Acq On : 25 Aug 2020 12:28
 Operator : JC/MD
 Sample : L3783-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200819

Quant Time: Aug 26 06:05:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	223465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97272	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	83911	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	7.55	113	75937	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
50) Toluene-d8	10.06	98	290824	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	103114	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	

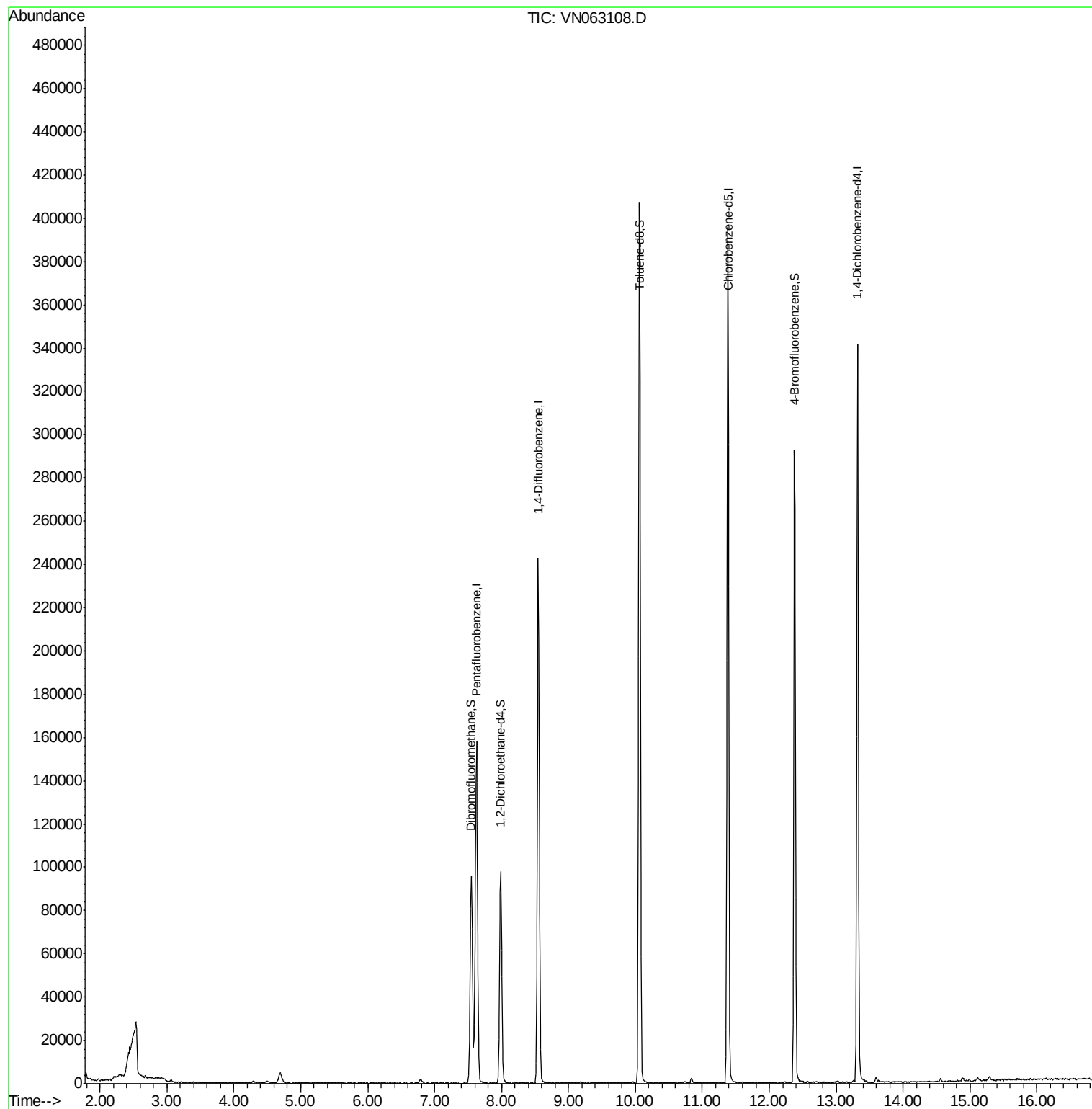
Target Compounds	Qvalue
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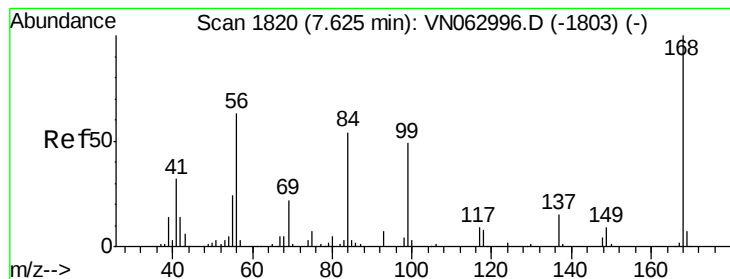
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

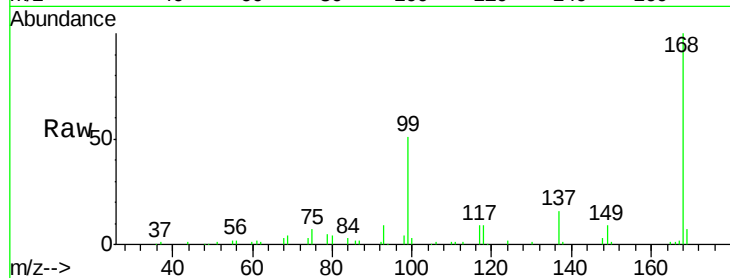
BP-VPB181-TB-20200819

Tot Ion:168 Resp: 138113

Ion Ratio Lower Upper

168 100

99 50.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

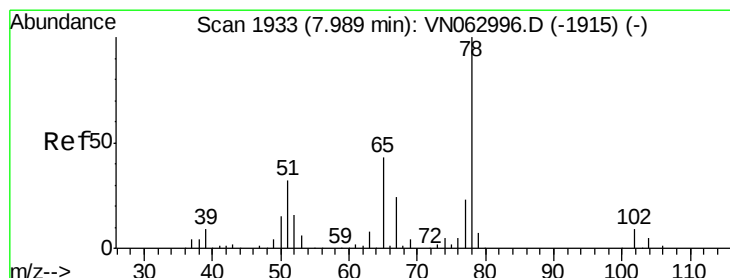
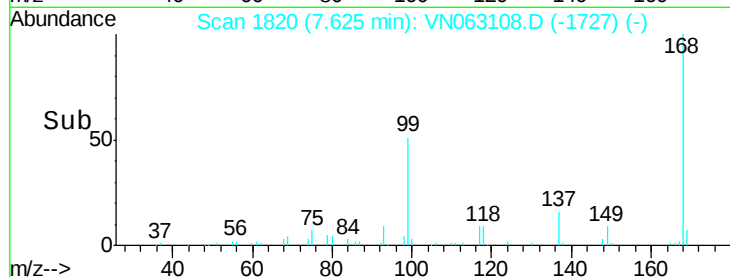
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.262 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063108.D

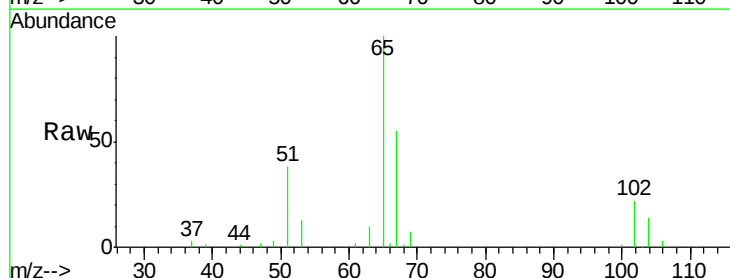
Acq: 25 Aug 2020 12:28

Tgt Ion: 65 Resp: 83911

Ion Ratio Lower Upper

65 100

67 54.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

40000

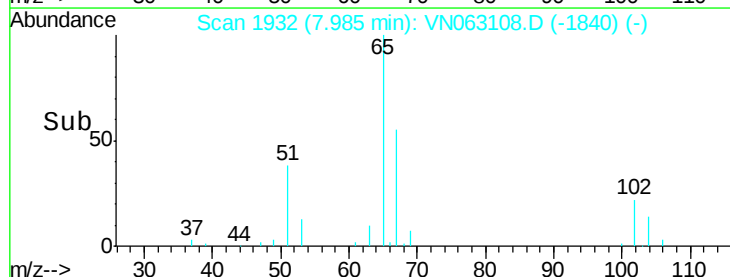
30000

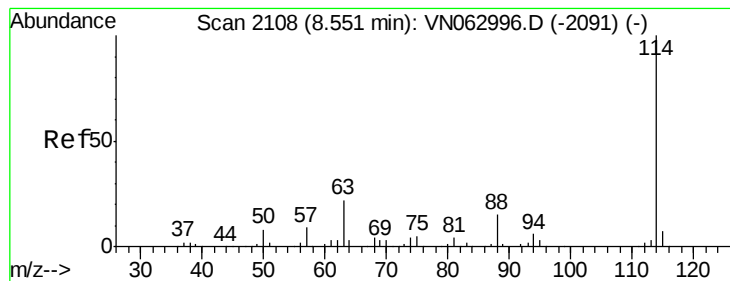
20000

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# 2107

Delta R.T. -0.00 min

Lab File: VN063108.D

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Instrument :

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ClientSampleId :

BP-VPB181-TB-20200819

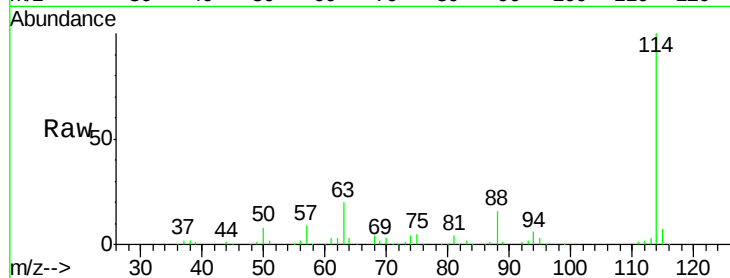
Tot Ion:114 Resp: 223465

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

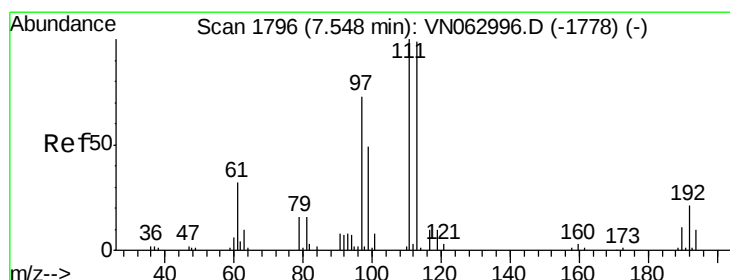
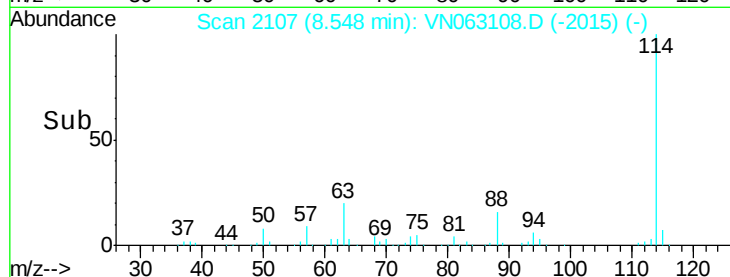
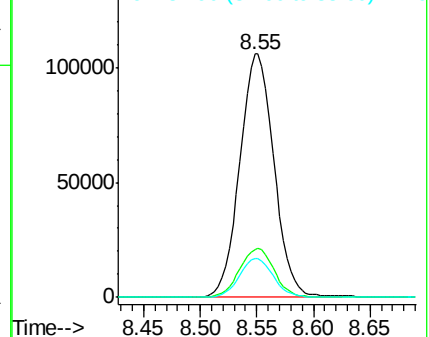
88 16.1 0.0 30.6



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: 52.151 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN063108.D

Acq: 25 Aug 2020 12:28

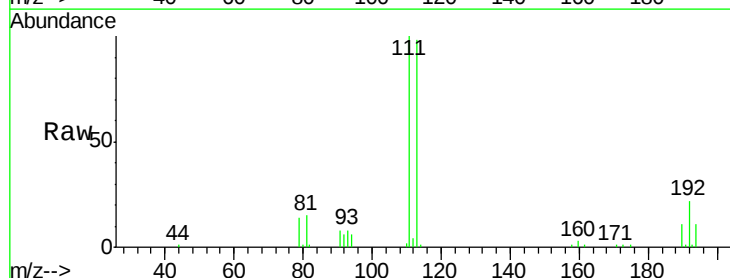
Tgt Ion:113 Resp: 75937

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

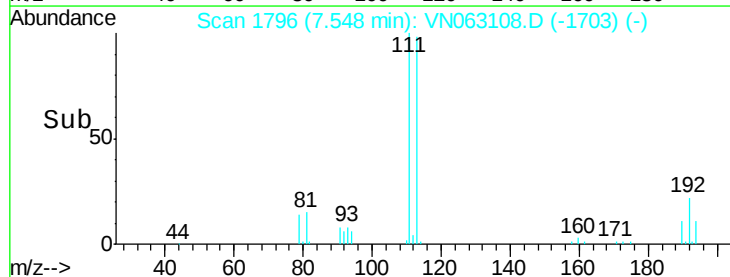
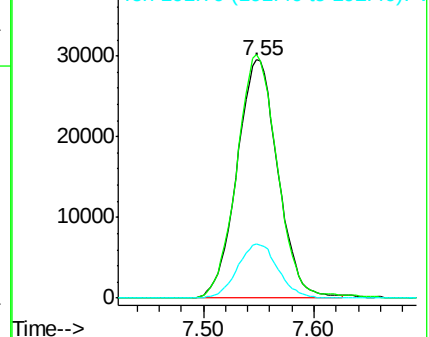
192 22.5 17.5 26.3

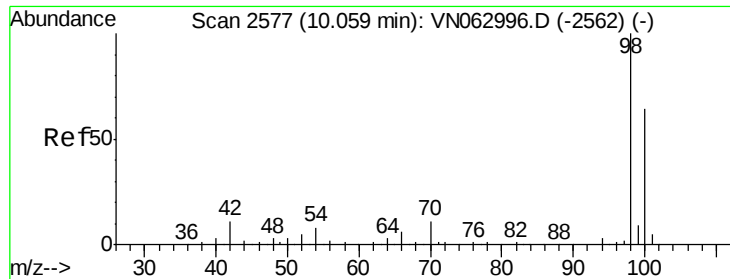


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.999 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063108.D

Acq: 25 Aug 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

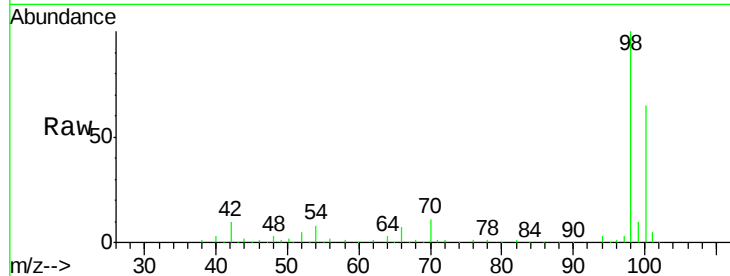
BP-VPB181-TB-20200819

Tot Ion: 98 Resp: 290824

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

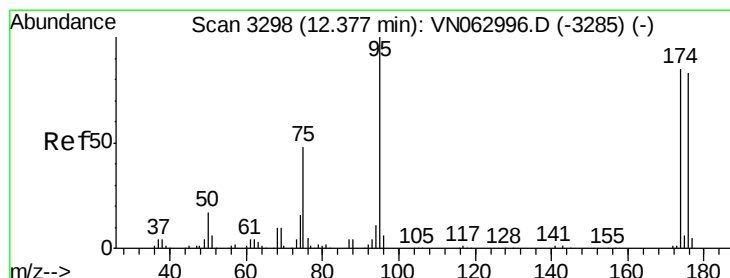
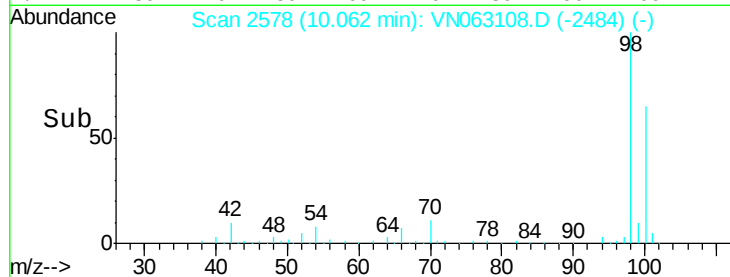
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.245 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063108.D

Acq: 25 Aug 2020 12:28

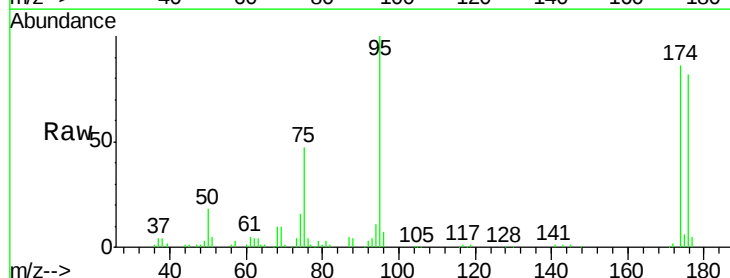
Tgt Ion: 95 Resp: 103114

Ion Ratio Lower Upper

95 100

174 87.7 0.0 170.8

176 83.8 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

80000

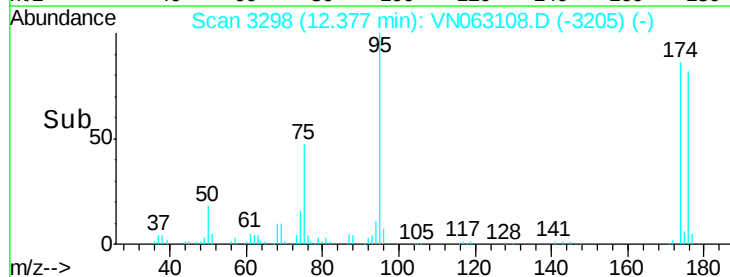
60000

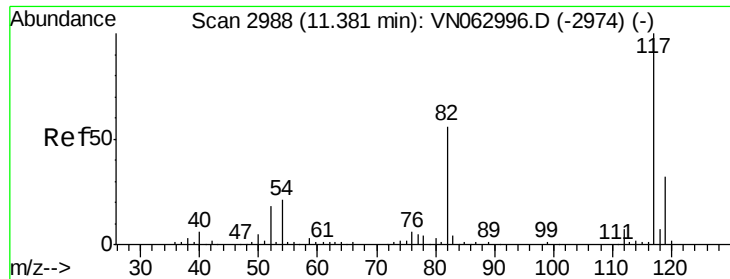
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063108.D

Acq: 25 Aug 2020 12:28

Instrument :

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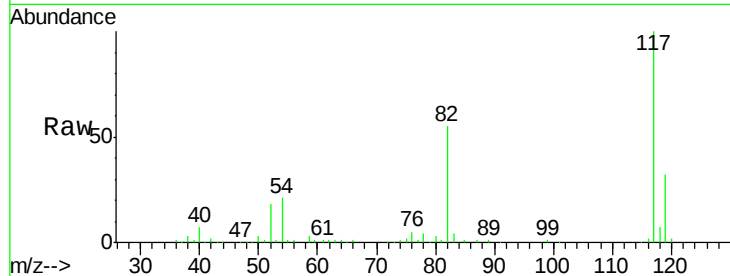
Tot Ion:117 Resp: 235634

Ion Ratio Lower Upper

117 100

82 55.2 44.5 66.7

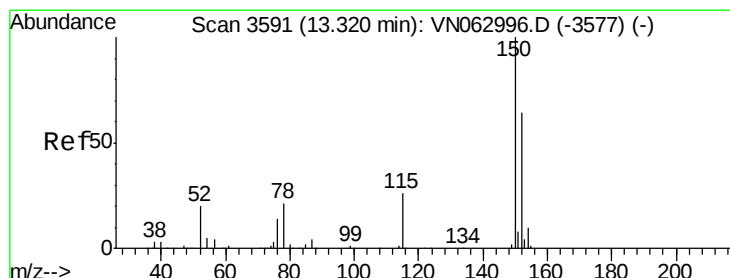
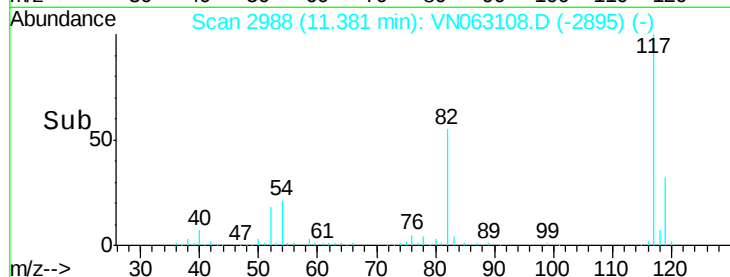
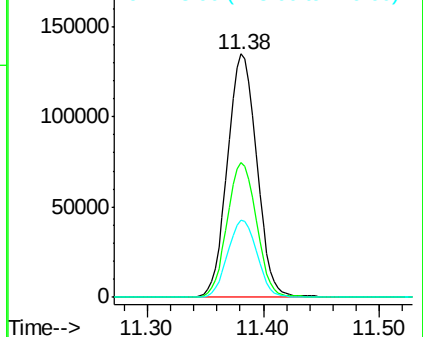
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN063108.D

Acq: 25 Aug 2020 12:28

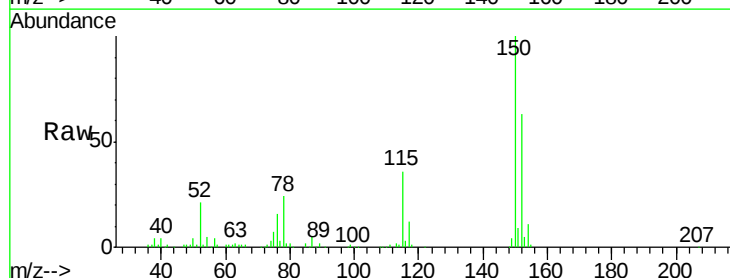
Tgt Ion:152 Resp: 97272

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.3

150 159.3 0.0 348.8



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

