

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062422.D
 Acq On : 8 Jul 2020 22:22
 Operator : JC/MD
 Sample : VN0708WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL02

Quant Time: Jul 09 03:10:40 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	177666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	140431	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.55	113	104385	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.06	98	408714	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.38	95	142192	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

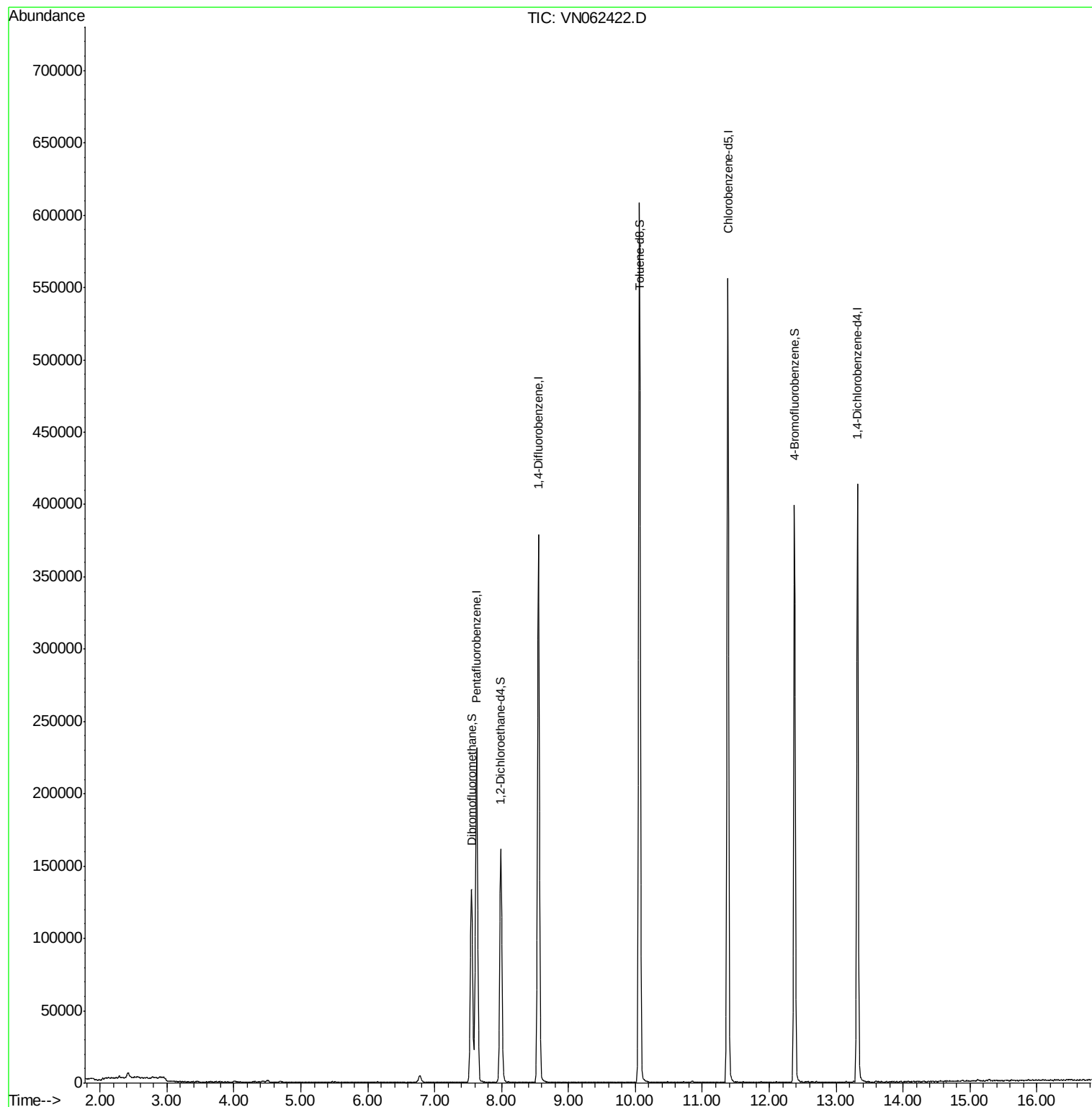
Target Compounds	Qvalue

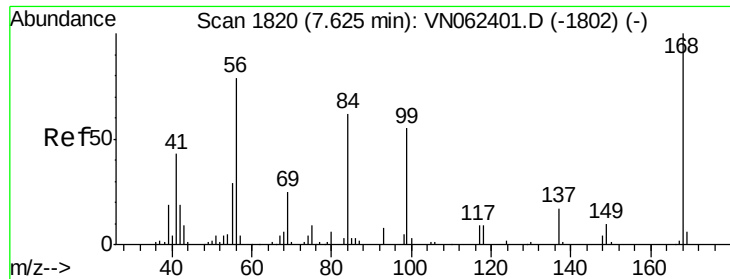
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062422.D

Acq: 8 Jul 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

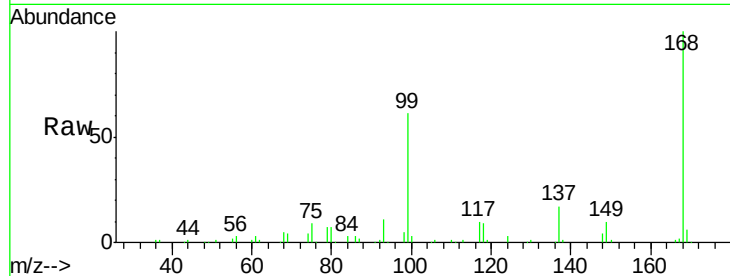
VN0708WBL02

Tot Ion:168 Resp: 177666

Ion Ratio Lower Upper

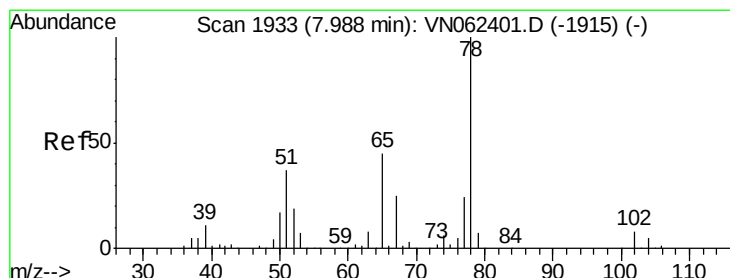
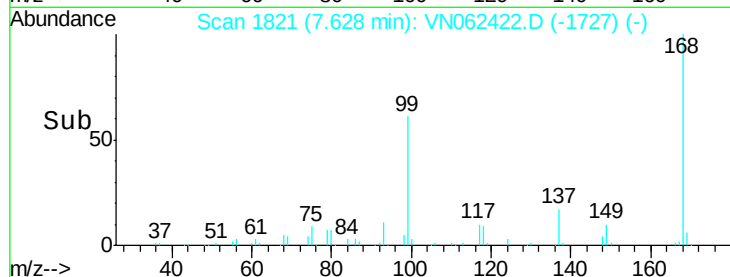
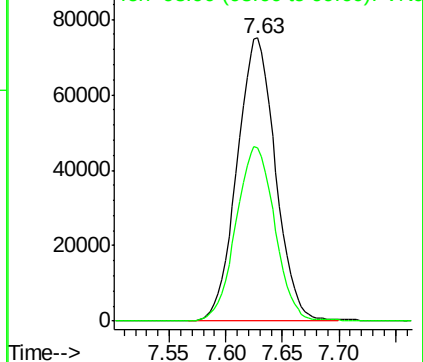
168 100

99 61.3 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.389 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062422.D

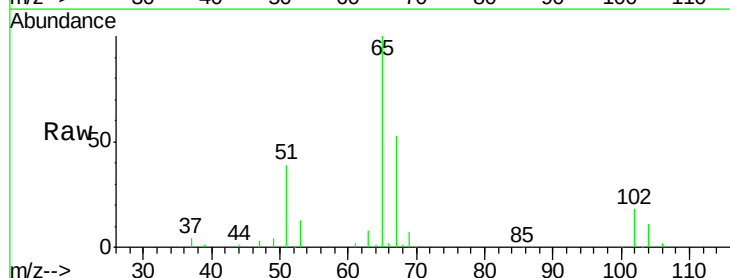
Acq: 8 Jul 2020 22:22

Tgt Ion: 65 Resp: 140431

Ion Ratio Lower Upper

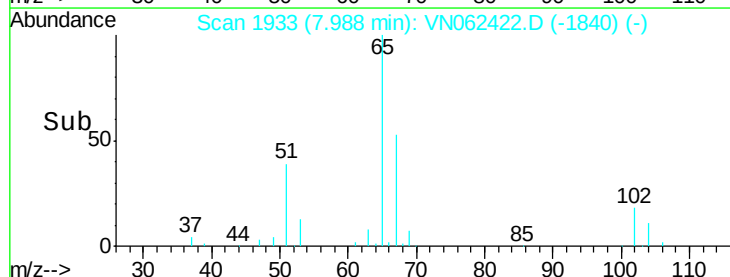
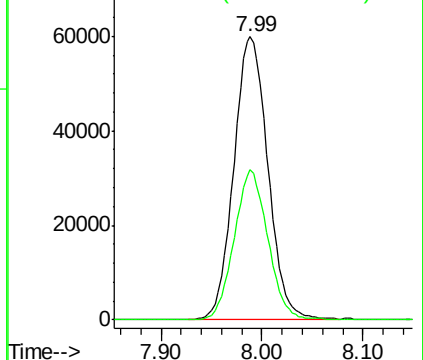
65 100

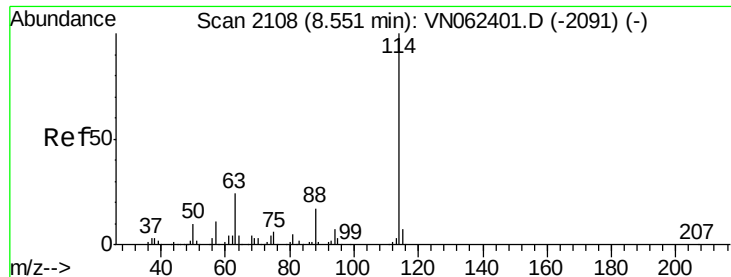
67 52.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062422.D

Acq: 8 Jul 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL02

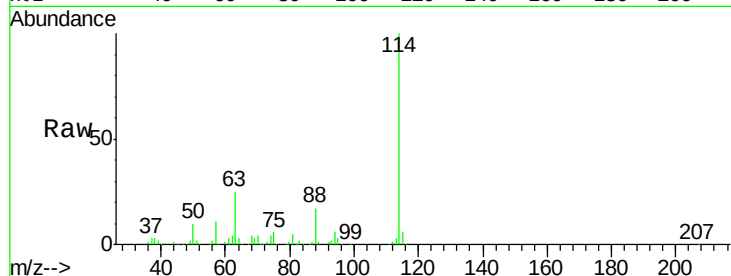
Tot Ion:114 Resp: 319046

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.4

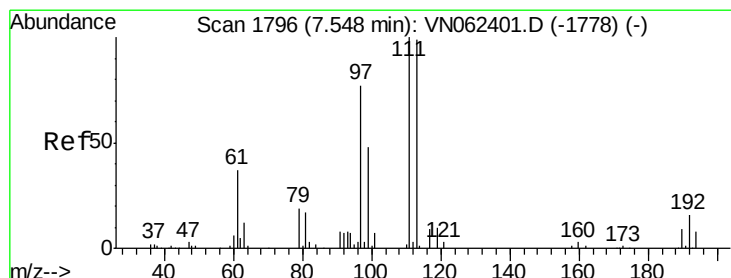
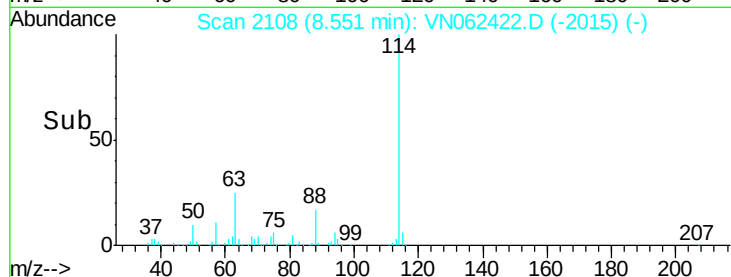
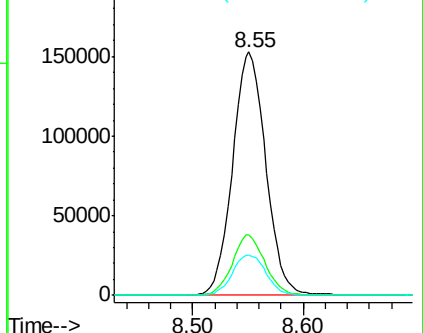
88 16.5 0.0 33.8



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: 52.930 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062422.D

Acq: 8 Jul 2020 22:22

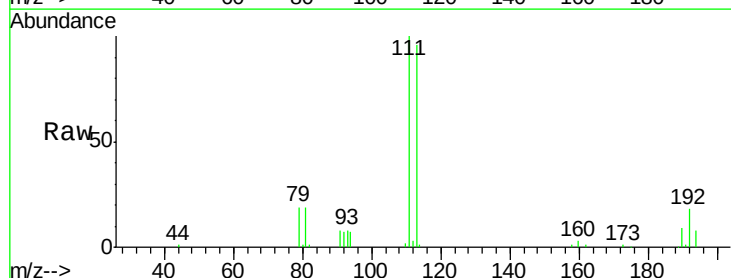
Tgt Ion:113 Resp: 104385

Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

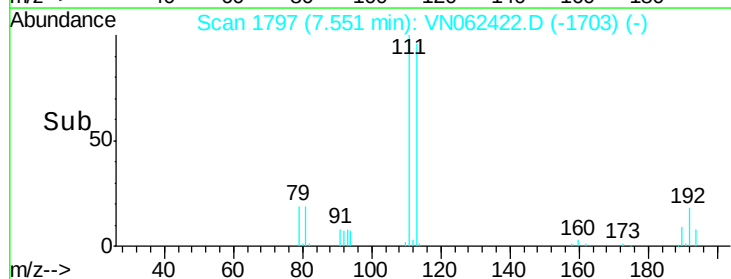
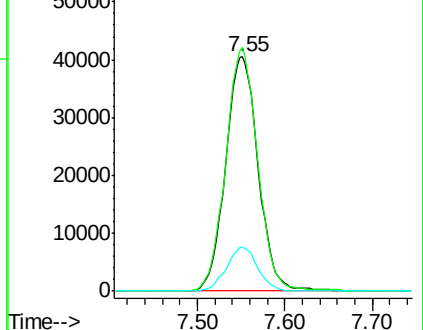
192 17.9 14.1 21.1

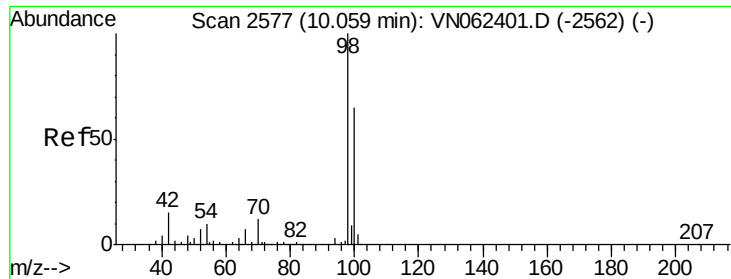


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.497 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062422.D

Acq: 8 Jul 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

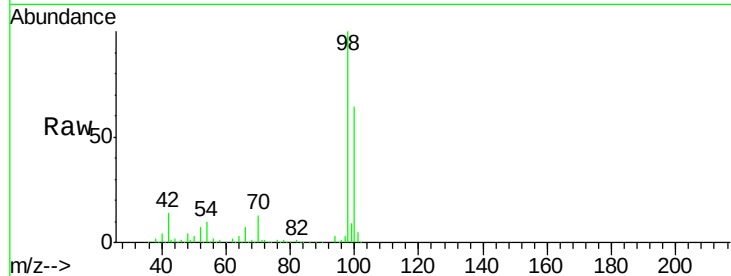
VN0708WBL02

Tot Ion: 98 Resp: 408714

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

250000

200000

150000

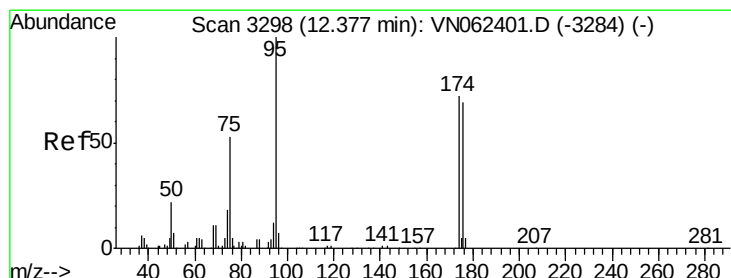
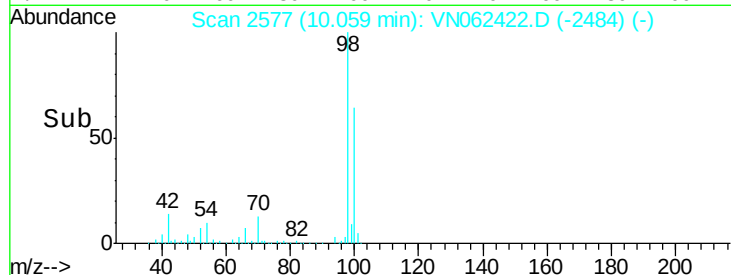
100000

50000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 49.979 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062422.D

Acq: 8 Jul 2020 22:22

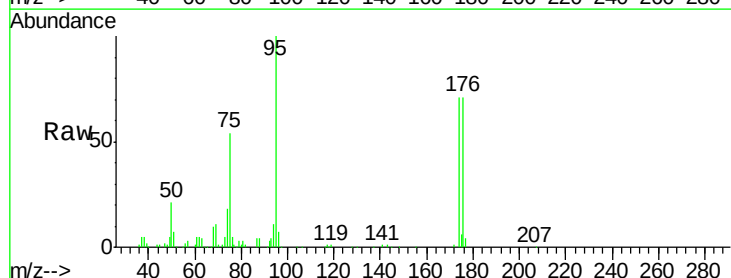
Tgt Ion: 95 Resp: 142192

Ion Ratio Lower Upper

95 100

174 70.4 0.0 141.6

176 70.4 0.0 137.2



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

12.38

100000

80000

60000

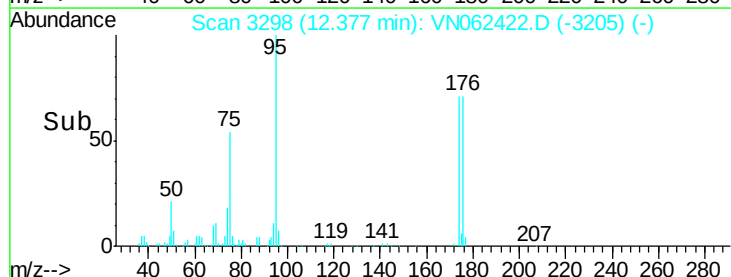
40000

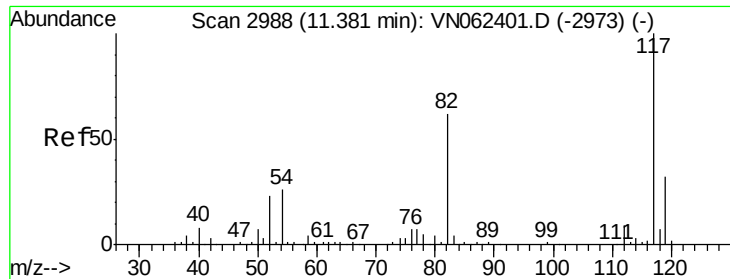
20000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062422.D

Acq: 8 Jul 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL02

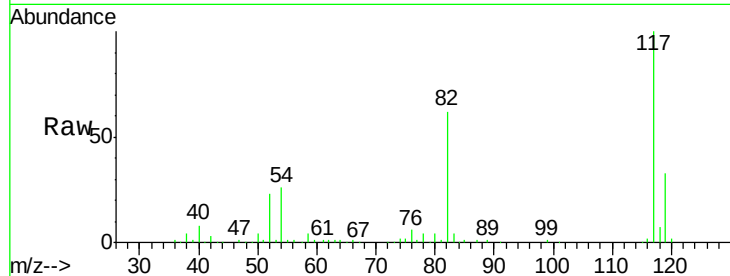
Tot Ion:117 Resp: 301958

Ion Ratio Lower Upper

117 100

82 61.7 49.6 74.4

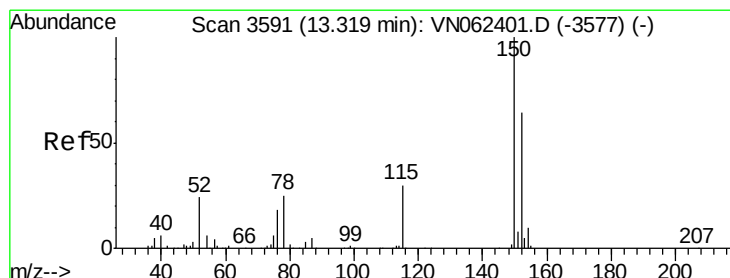
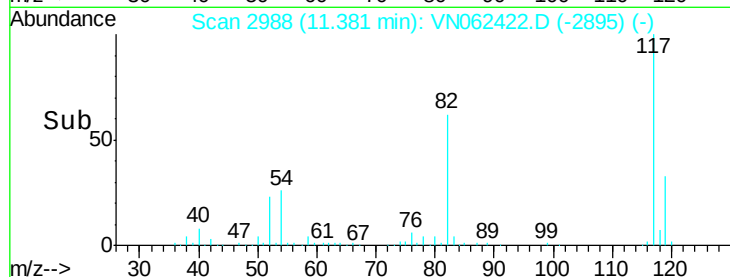
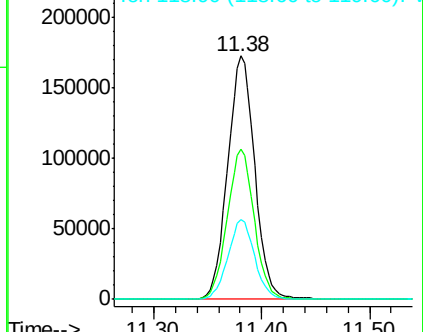
119 33.0 25.4 38.0



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: VN062422.D

Acq: 8 Jul 2020 22:22

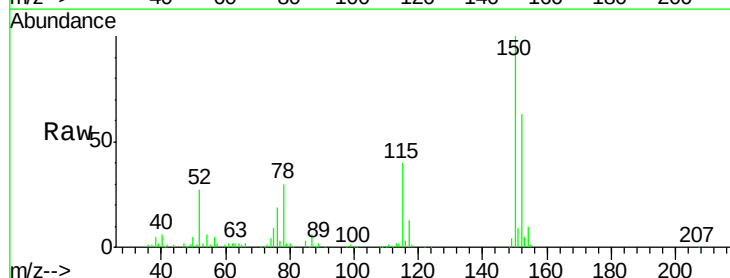
Tgt Ion:152 Resp: 105547

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

150 158.9 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

