

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082420\
 Data File : VN063089.D
 Acq On : 24 Aug 2020 12:39
 Operator : JC/MD
 Sample : VN0824WBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

Quant Time: Aug 24 14:01:08 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	7.62	168	145781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101584	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96585	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	
35) Dibromofluoromethane	7.55	113	82800	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.06	98	311277	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.38	95	109257	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

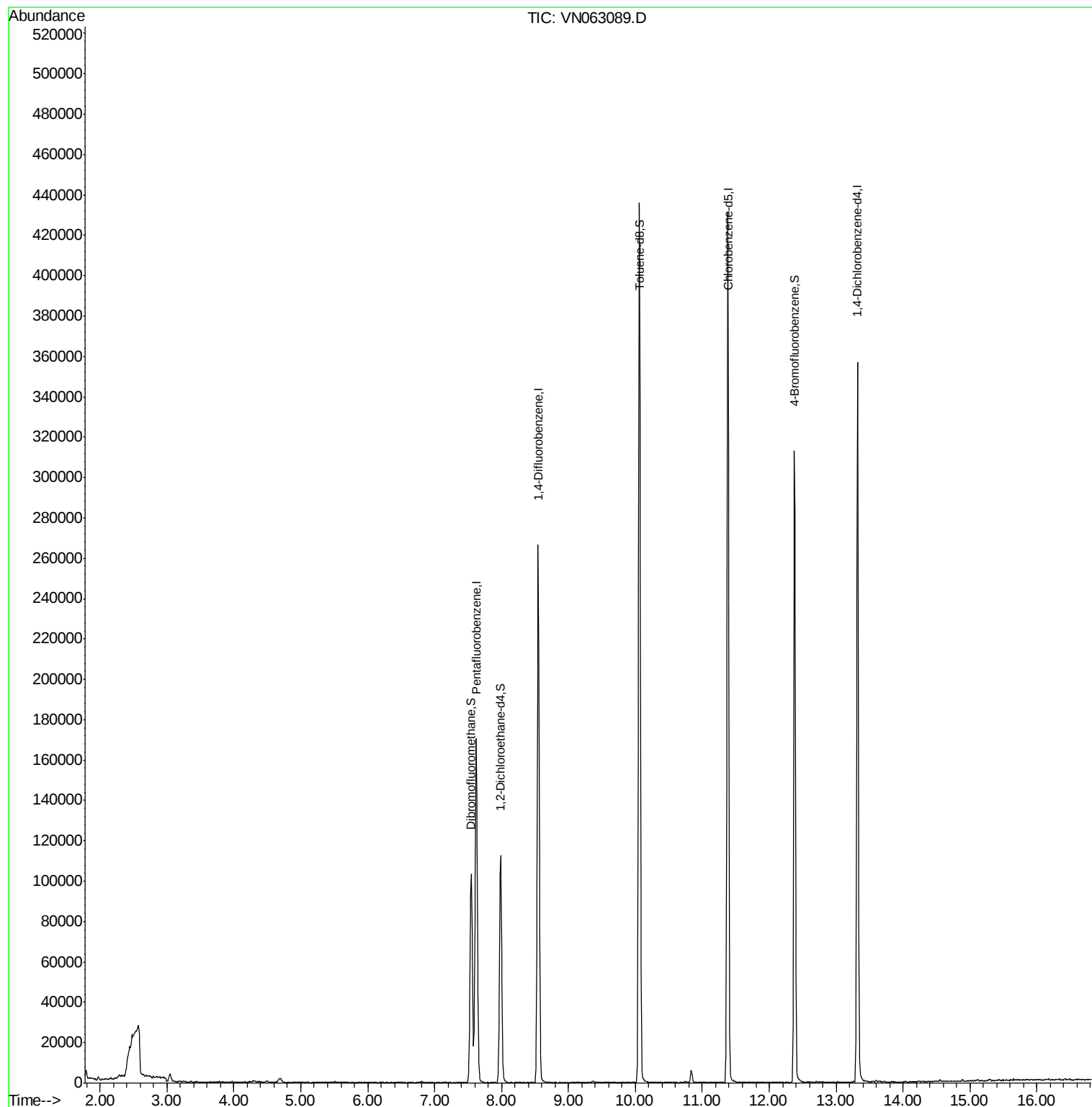
Target Compounds	Qvalue

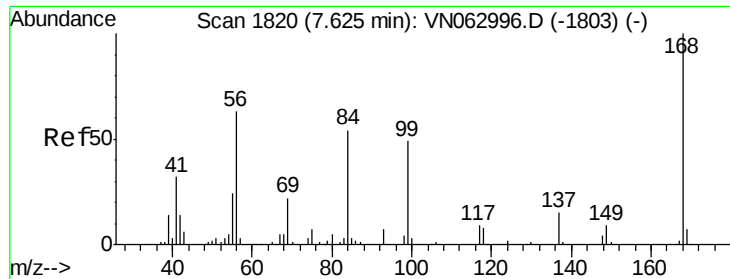
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

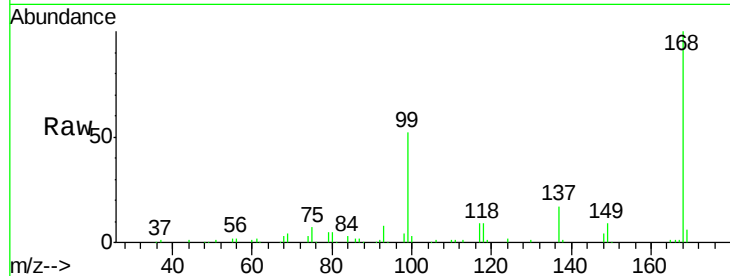
VN0824WBL01

Tot Ion:168 Resp: 145781

Ion Ratio Lower Upper

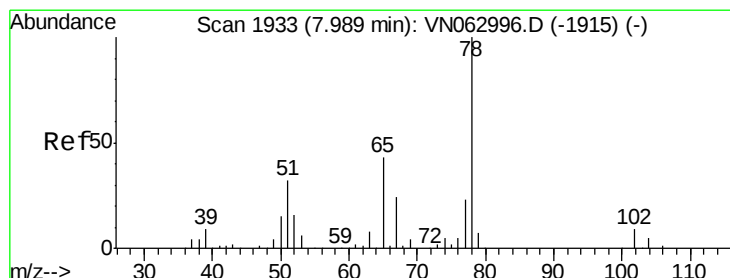
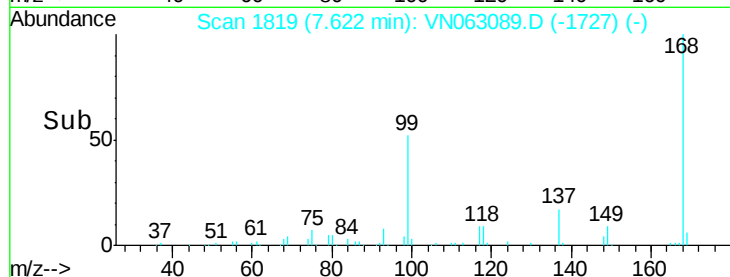
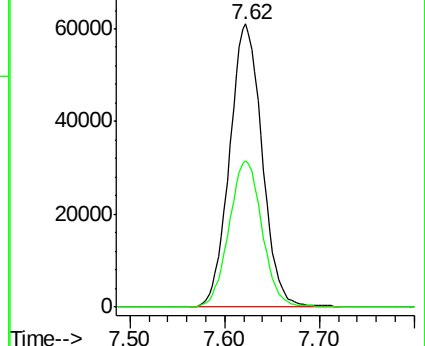
168 100

99 51.9 42.0 63.0



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: 55.901 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063089.D

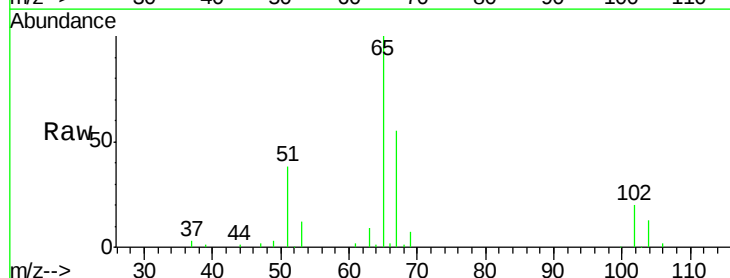
Acq: 24 Aug 2020 12:39

Tgt Ion: 65 Resp: 96585

Ion Ratio Lower Upper

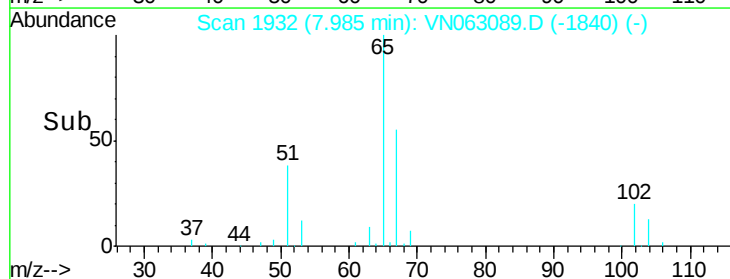
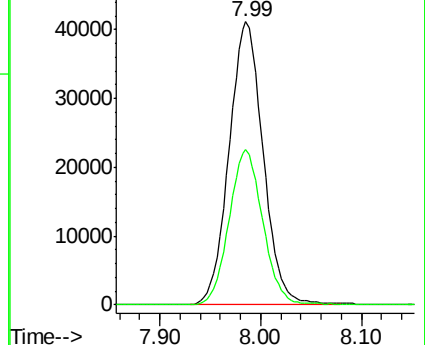
65 100

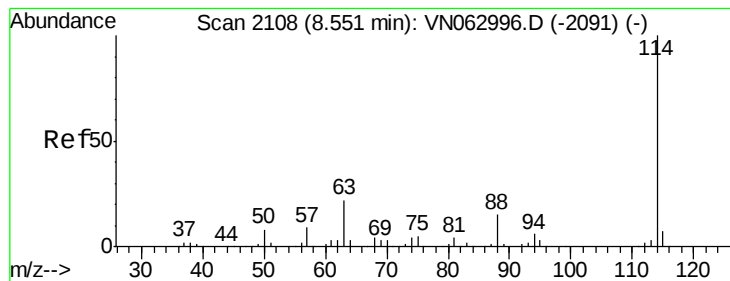
67 54.1 0.0 112.0



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# 2107

Delta R.T. -0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBL01

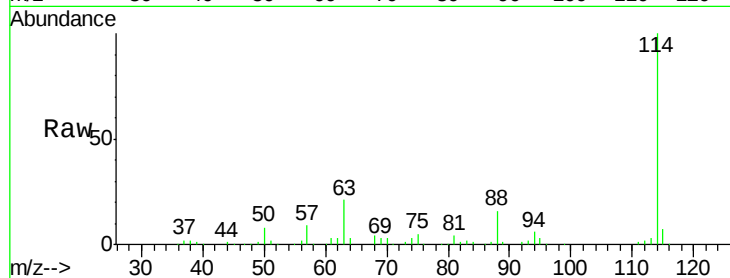
Tot Ion:114 Resp: 242736

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 15.5 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

8.55

150000

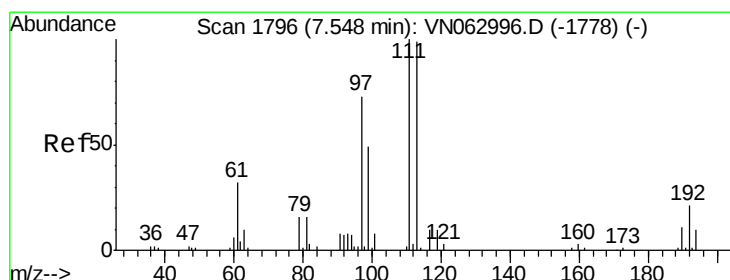
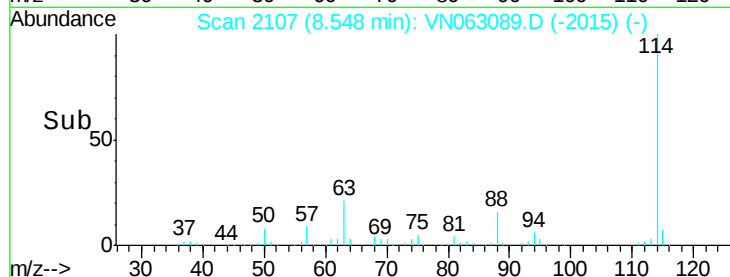
100000

50000

0

8.45 8.50 8.55 8.60 8.65

Time-->



#35

Dibromofluoromethane

Concen: 52.350 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

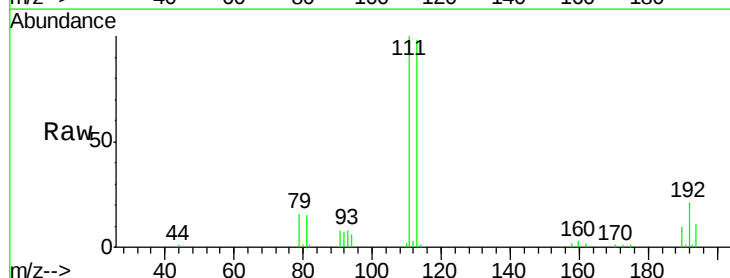
Tgt Ion:113 Resp: 82800

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

192 21.5 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

7.55

40000

30000

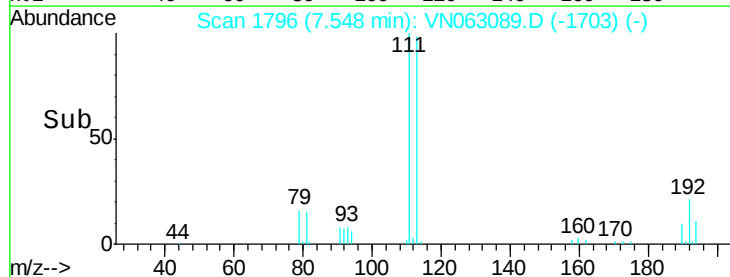
20000

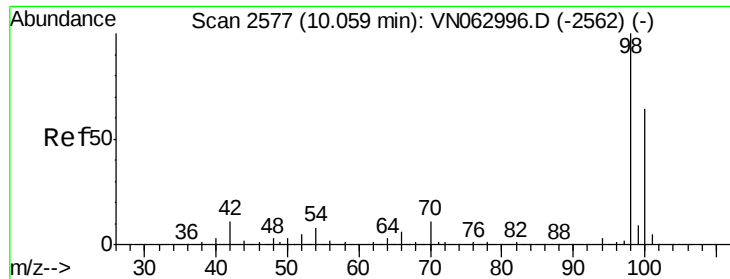
10000

0

7.50 7.55 7.60 7.70

Time-->





#50

Toluene-d8

Concen: 51.237 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

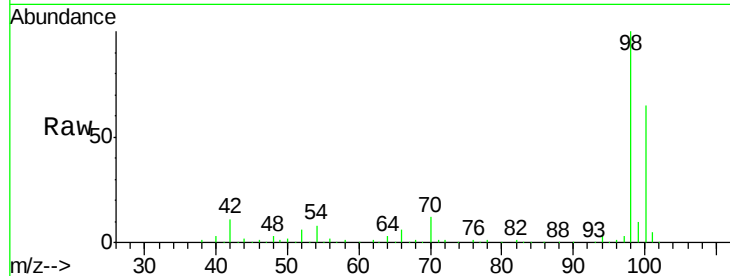
VN0824WBL01

Tot Ion: 98 Resp: 311277

Ion Ratio Lower Upper

98 100

100 63.8 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

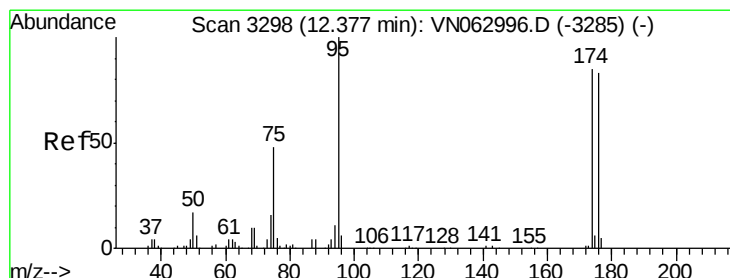
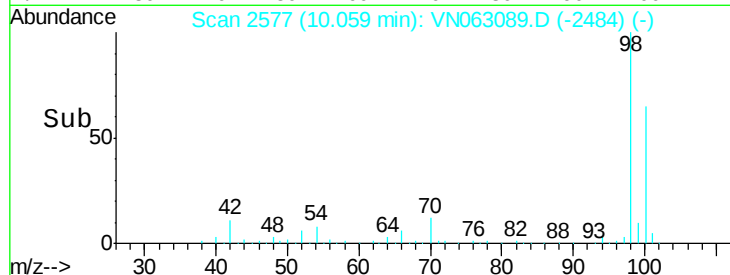
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.963 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

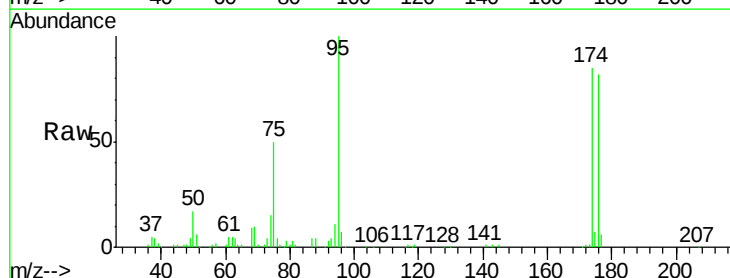
Tgt Ion: 95 Resp: 109257

Ion Ratio Lower Upper

95 100

174 86.9 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

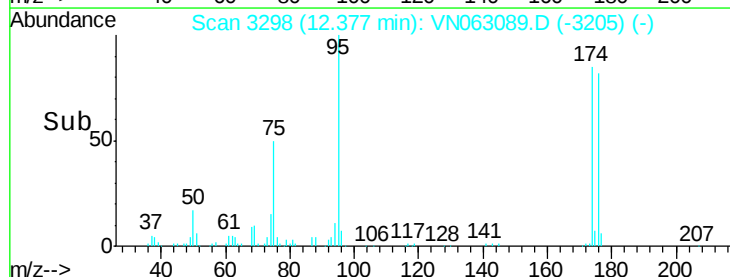
60000

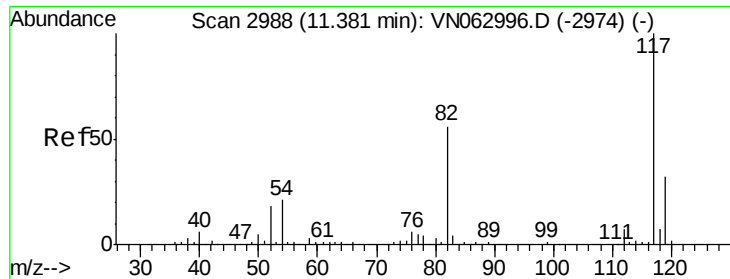
40000

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: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBL01

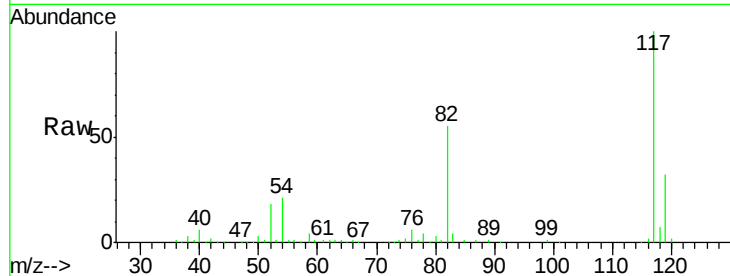
Tot Ion:117 Resp: 253904

Ion Ratio Lower Upper

117 100

82 55.5 44.5 66.7

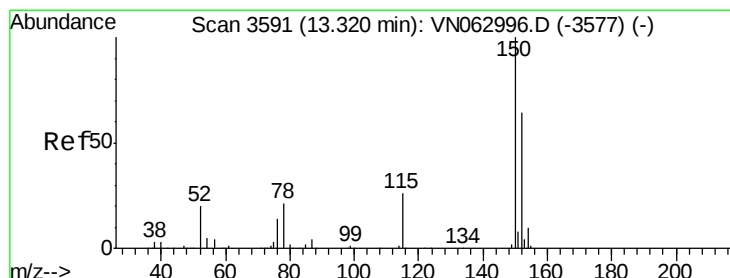
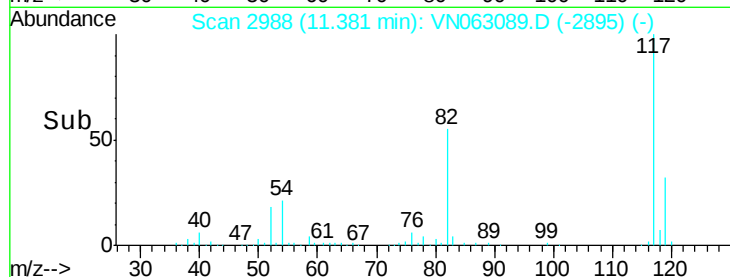
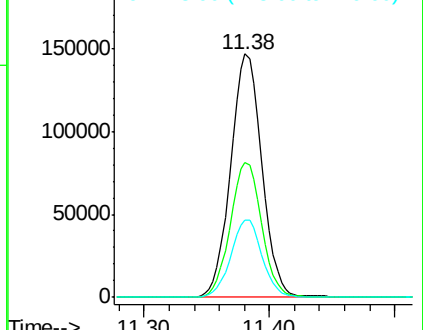
119 31.9 25.5 38.3



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: VN063089.D

Acq: 24 Aug 2020 12:39

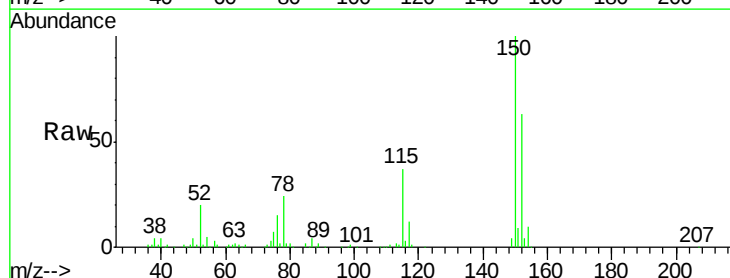
Tgt Ion:152 Resp: 101584

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 157.8 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

