

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063130.D
 Acq On : 26 Aug 2020 14:01
 Operator : JC/MD
 Sample : L3774-04 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Quant Time: Aug 26 16:00:42 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	152265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116491	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	97000	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	7.55	113	84898	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.06	98	326949	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.38	95	116446	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

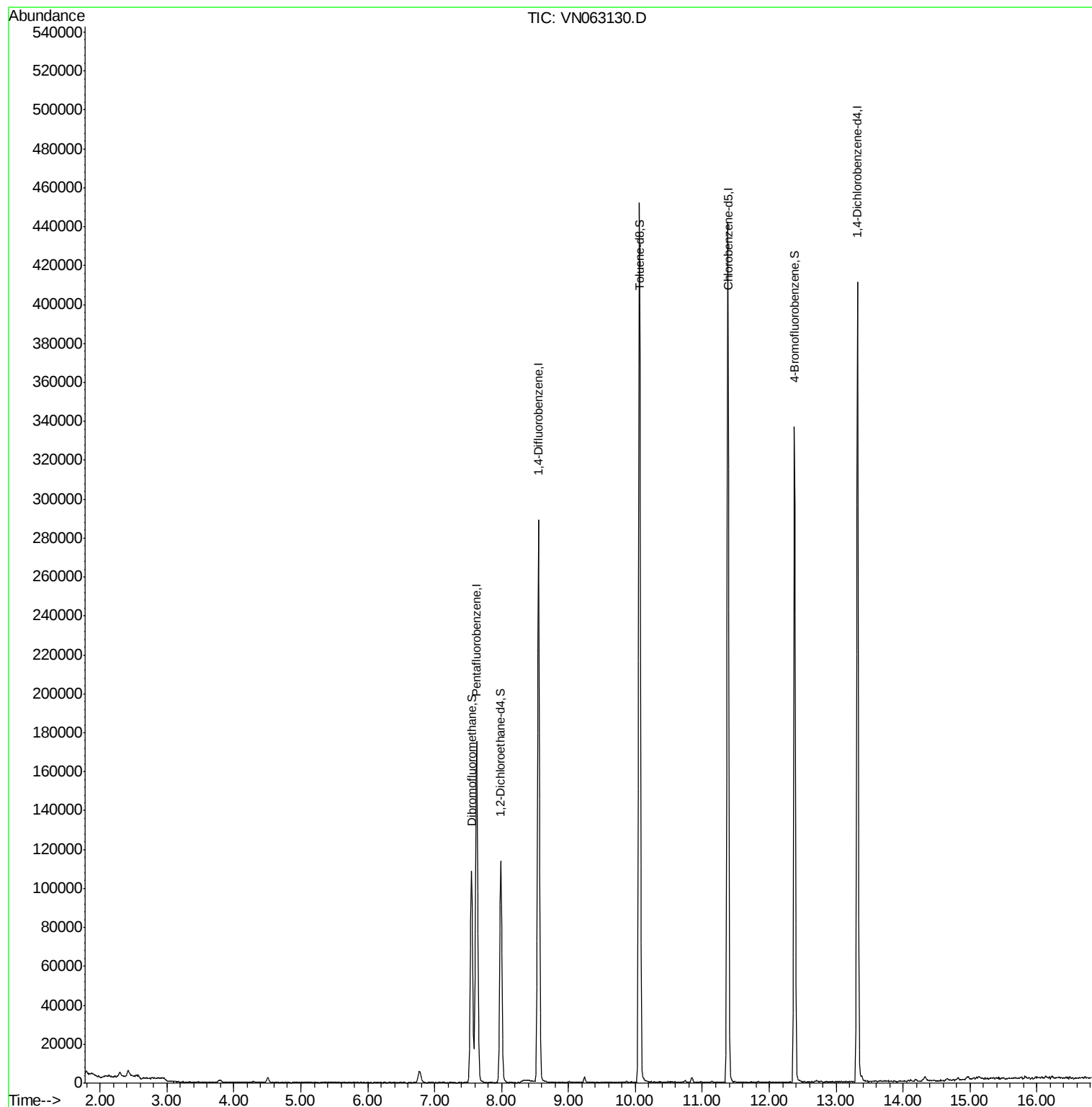
Target Compounds	Qvalue

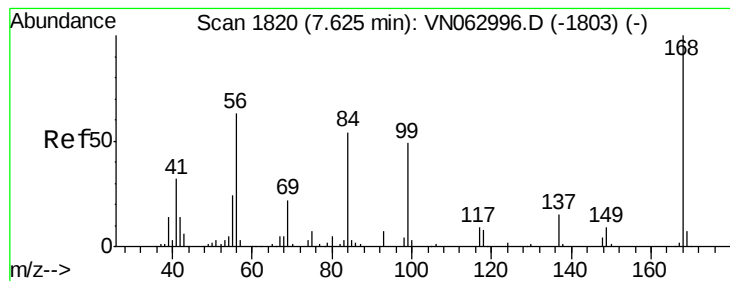
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063130.D

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Instrument :

MSVOA_N

ClientSampleId :

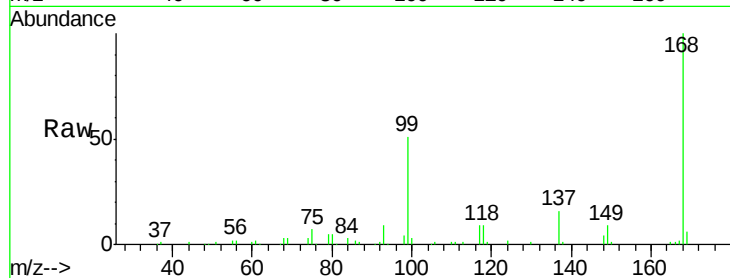
DRUM-2

Tot Ion:168 Resp: 152265

Ion Ratio Lower Upper

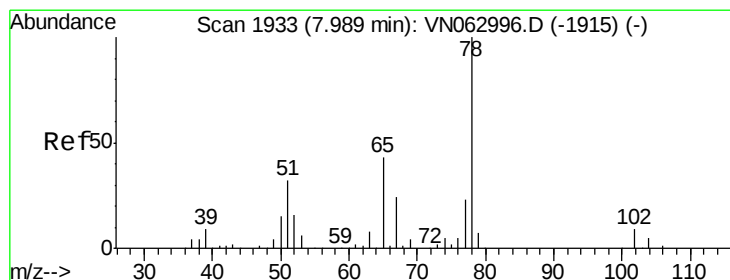
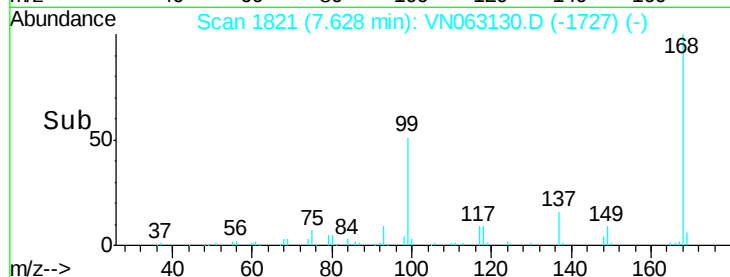
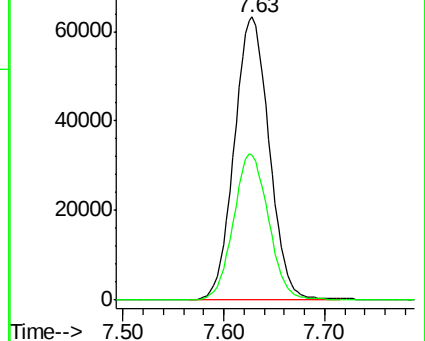
168 100

99 51.4 42.0 63.0



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: 53.751 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063130.D

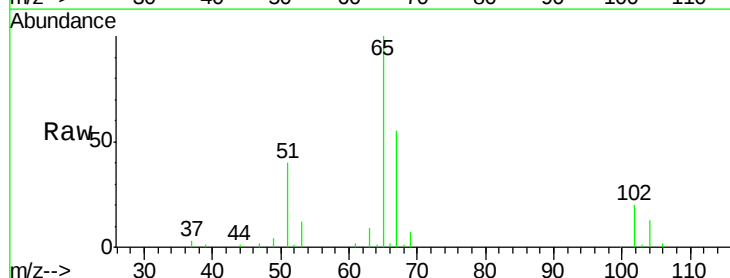
Acq: 26 Aug 2020 14:01

Tgt Ion: 65 Resp: 97000

Ion Ratio Lower Upper

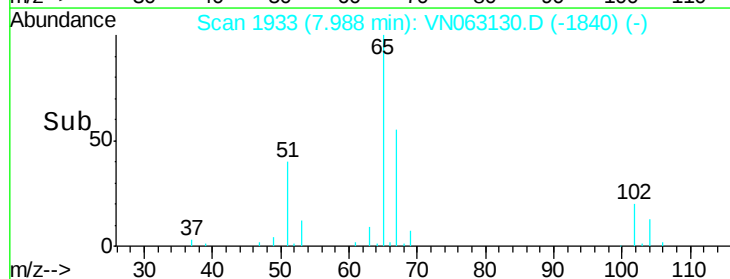
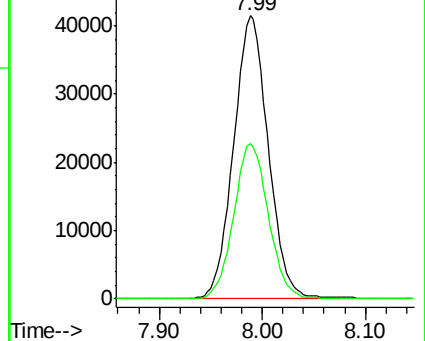
65 100

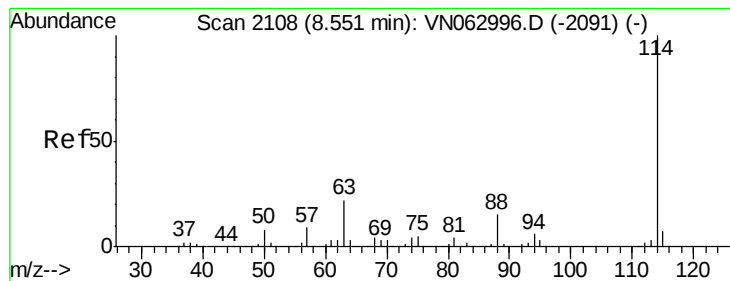
67 54.7 0.0 112.0



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: VN063130.D

Acq: 26 Aug 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

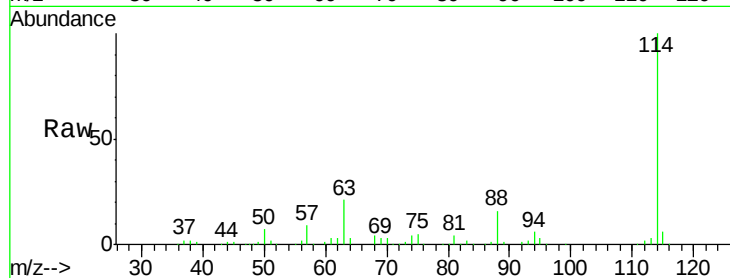
Tot Ion:114 Resp: 260048

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

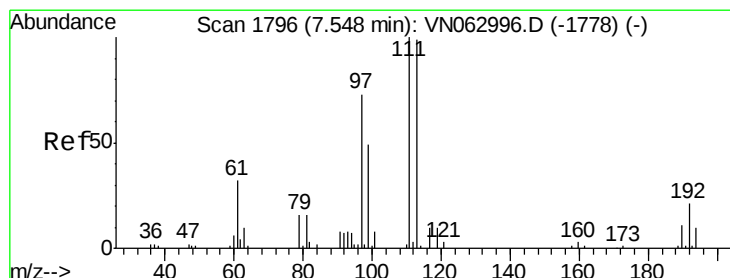
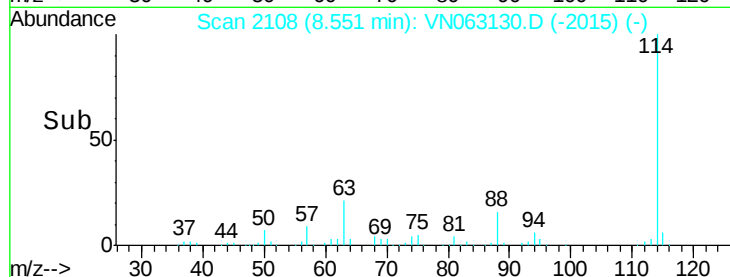
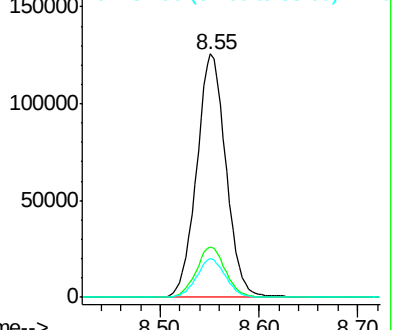
88 16.0 0.0 30.6



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: 50.103 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

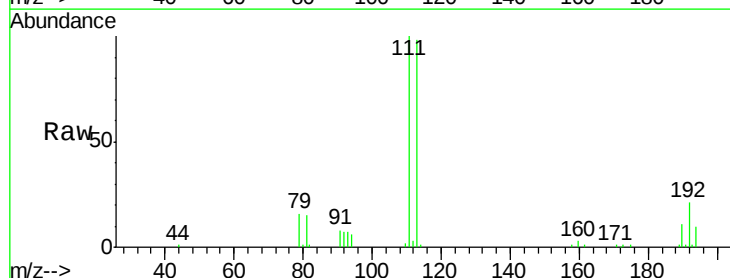
Tgt Ion:113 Resp: 84898

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

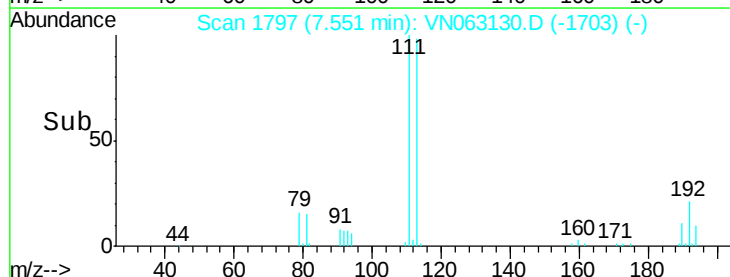
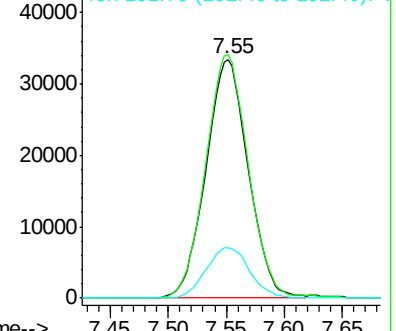
192 21.7 17.5 26.3

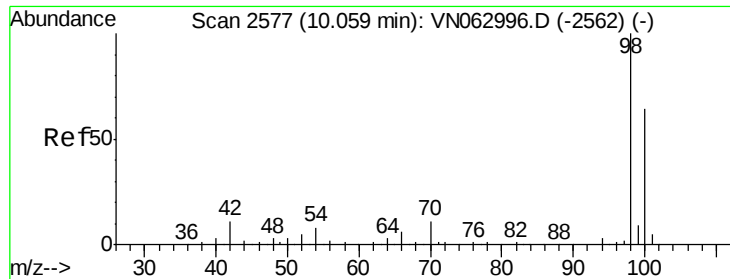


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.234 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

Instrument :

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ClientSampleId :

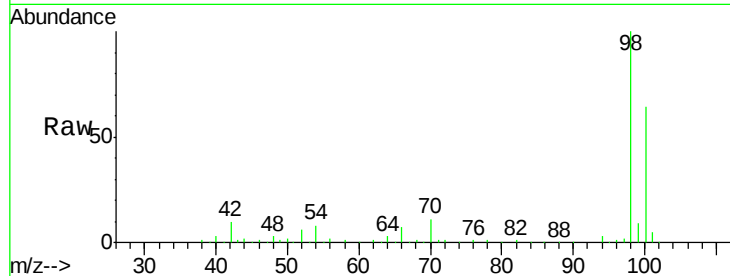
DRUM-2

Tot Ion: 98 Resp: 326949

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

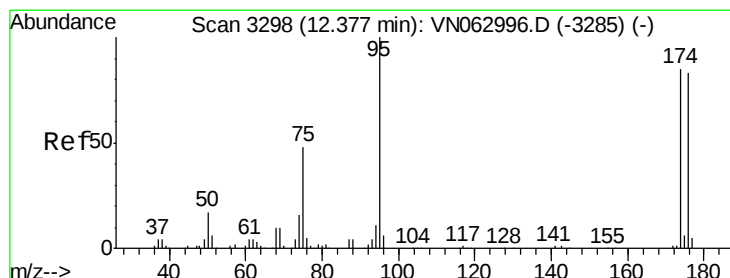
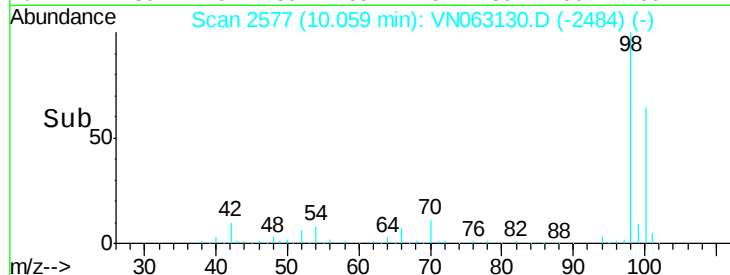
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.700 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

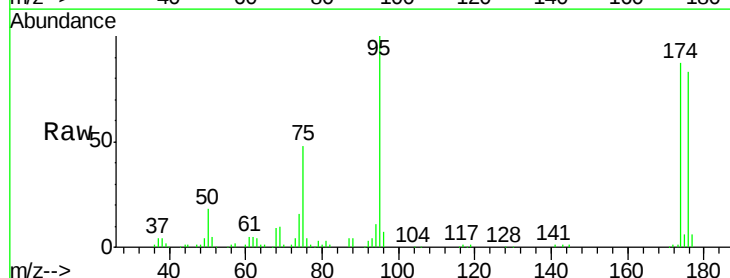
Tgt Ion: 95 Resp: 116446

Ion Ratio Lower Upper

95 100

174 88.0 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

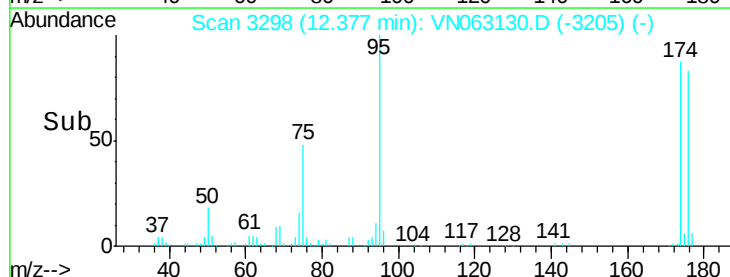
60000

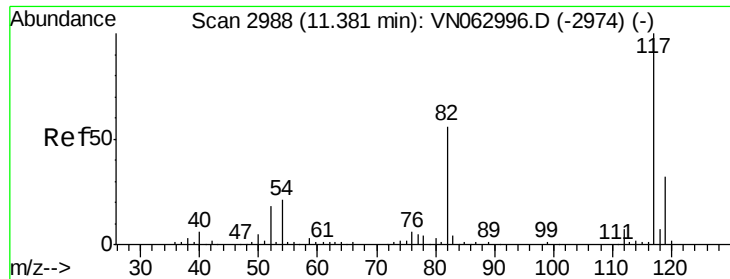
40000

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: VN063130.D

Acq: 26 Aug 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

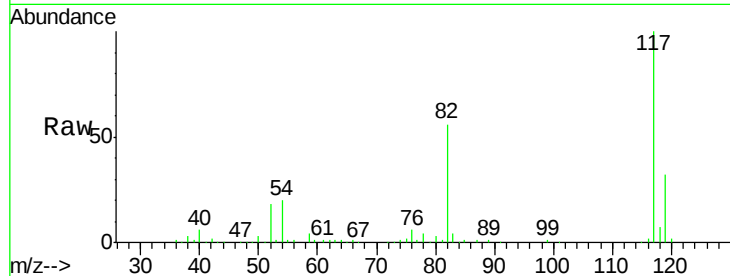
Tot Ion:117 Resp: 263113

Ion Ratio Lower Upper

117 100

82 56.4 44.5 66.7

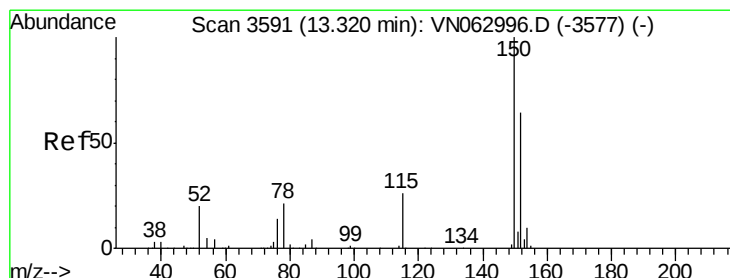
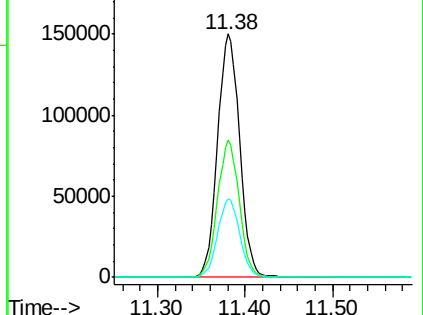
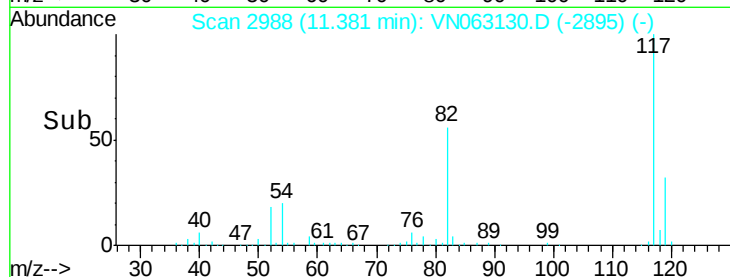
119 32.5 25.5 38.3



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: VN063130.D

Acq: 26 Aug 2020 14:01

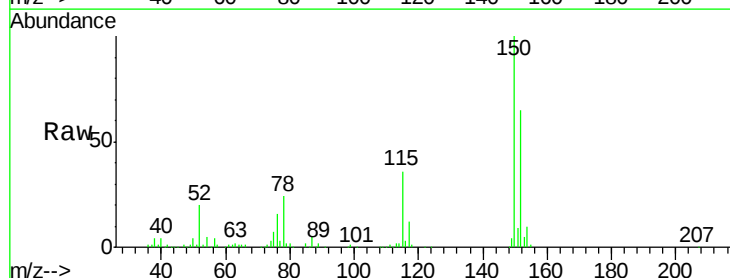
Tgt Ion:152 Resp: 116491

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.3

150 156.8 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

