

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063068.D
 Acq On : 21 Aug 2020 5:18
 Operator : JC/MD
 Sample : L3698-04 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0208

Quant Time: Aug 21 07:55:29 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	143410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96389	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	
35) Dibromofluoromethane	7.55	113	84262	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	10.06	98	315309	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.38	95	109150	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

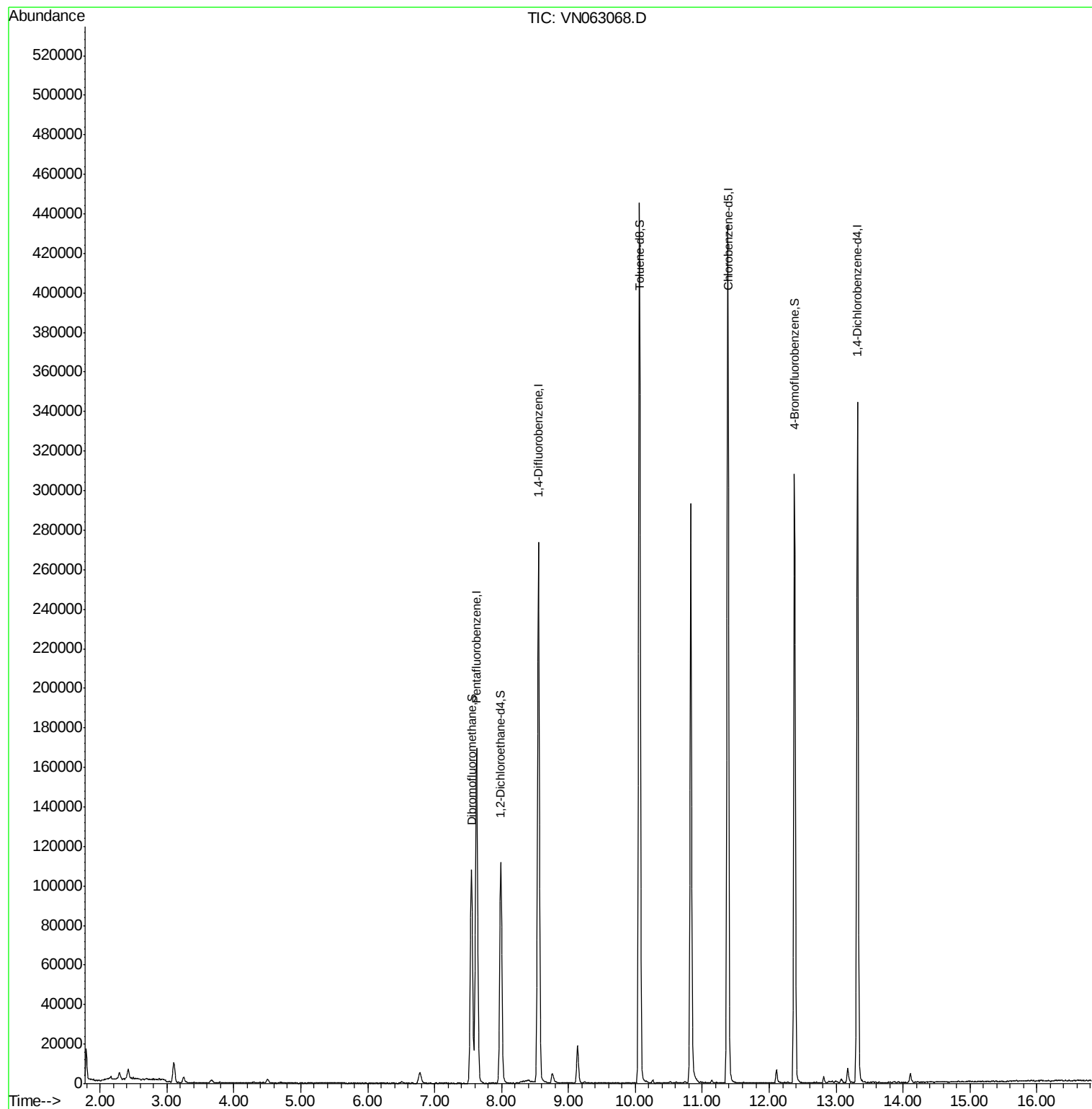
Target Compounds	Qvalue

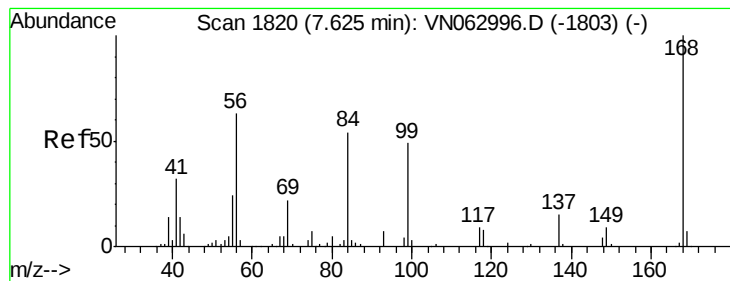
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 06:09:27 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063068.D

Acq: 21 Aug 2020 5:18

Instrument :

MSVOA_N

ClientSampleId :

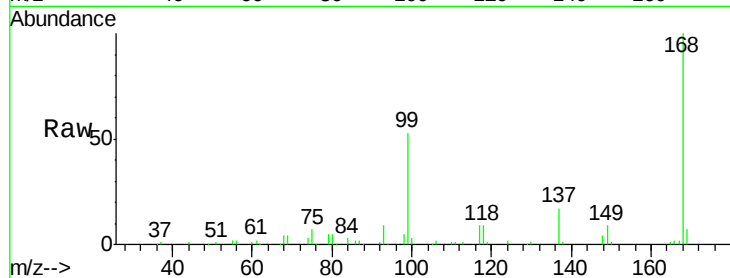
S39-0208

Tot Ion:168 Resp: 143410

Ion Ratio Lower Upper

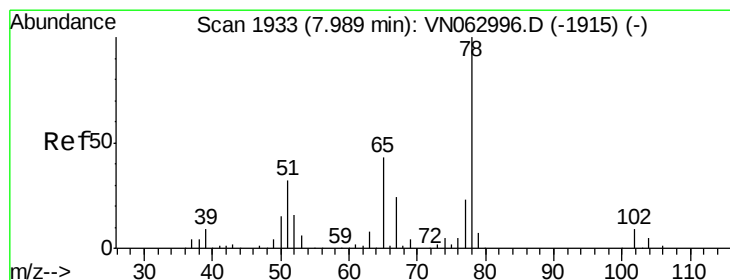
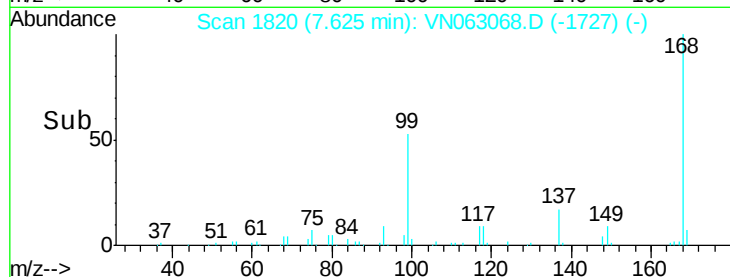
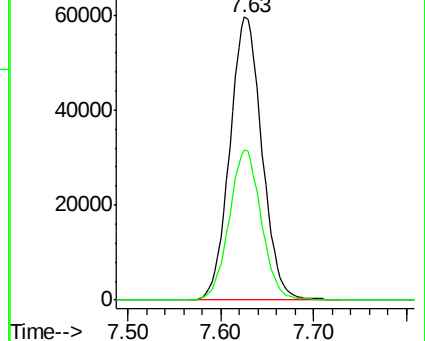
168 100

99 53.1 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: 56.710 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063068.D

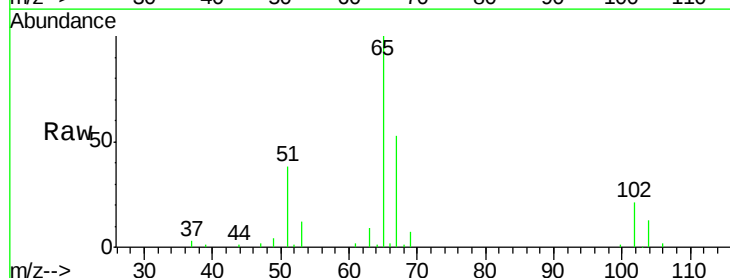
Acq: 21 Aug 2020 5:18

Tgt Ion: 65 Resp: 96389

Ion Ratio Lower Upper

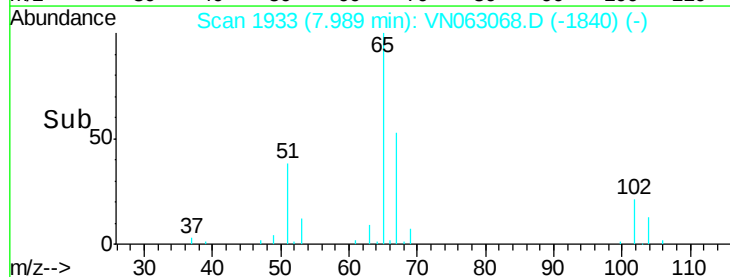
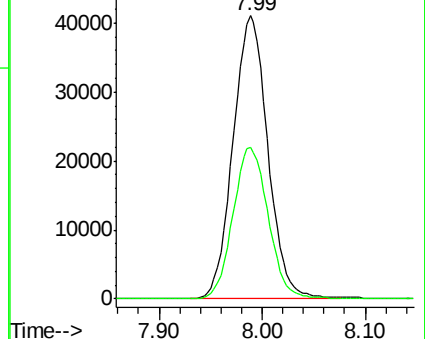
65 100

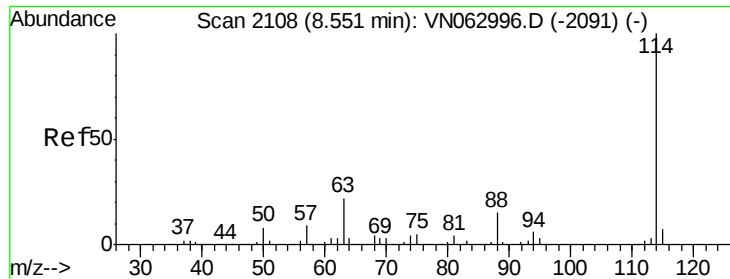
67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

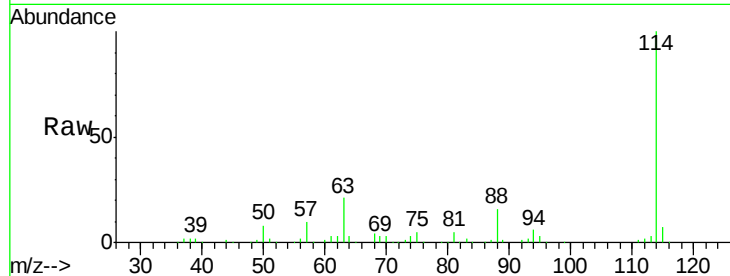




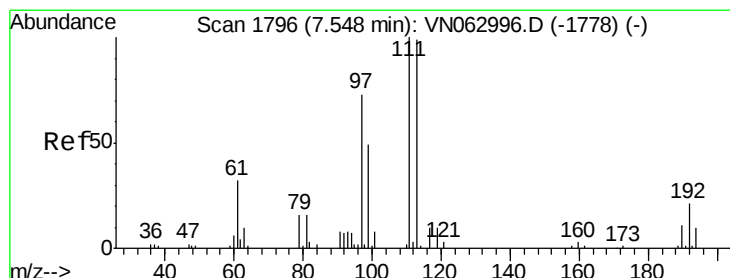
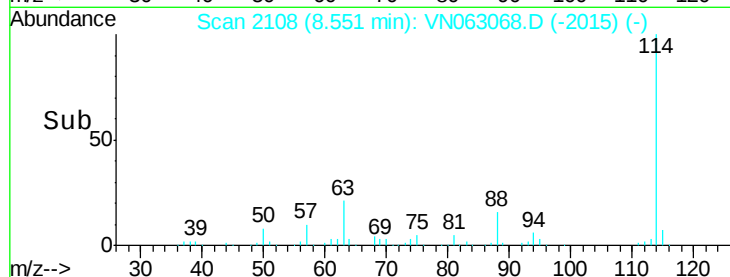
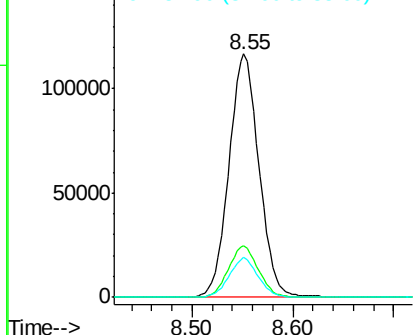
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063068.D
 Acq: 21 Aug 2020 5:18

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0208

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	16.3	0.0	30.6

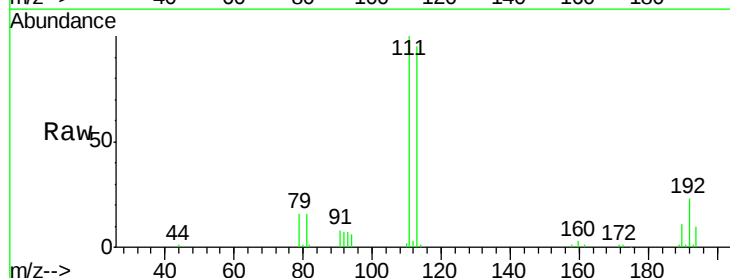


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

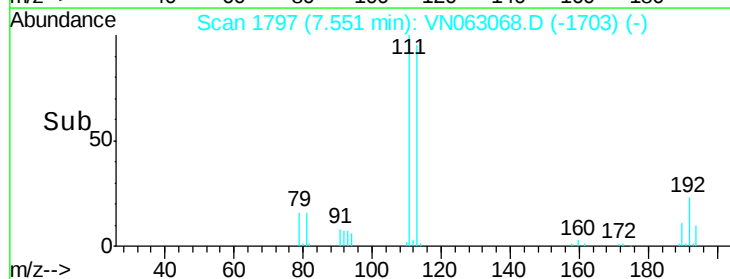
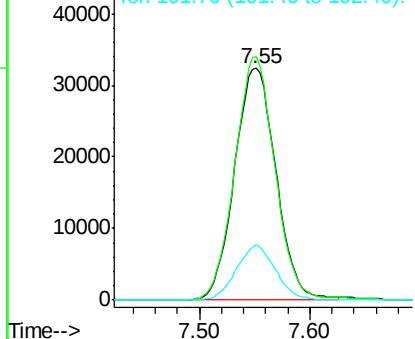


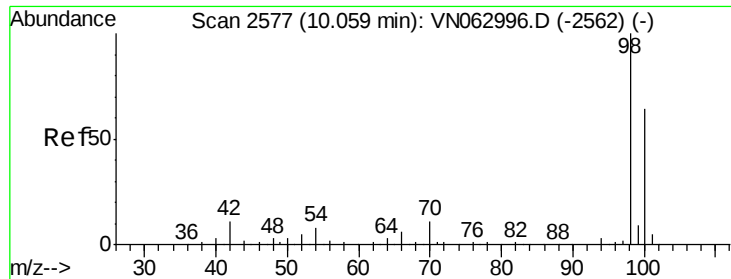
#35
 Dibromofluoromethane
 Concen: 53.408 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063068.D
 Acq: 21 Aug 2020 5:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	22.4	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: 52.031 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063068.D

Acq: 21 Aug 2020 5:18

Instrument :

MSVOA_N

ClientSampleId :

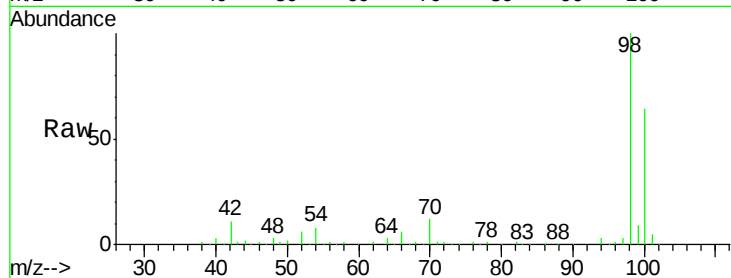
S39-0208

Tot Ion: 98 Resp: 315309

Ion Ratio Lower Upper

98 100

100 62.9 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

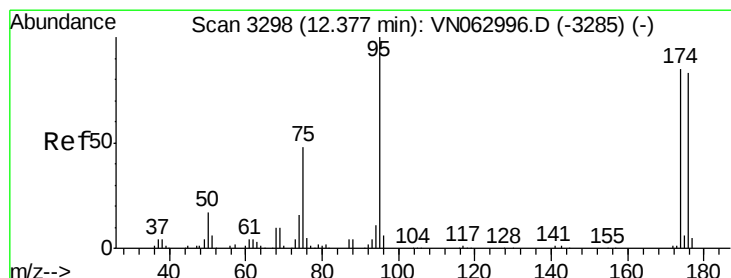
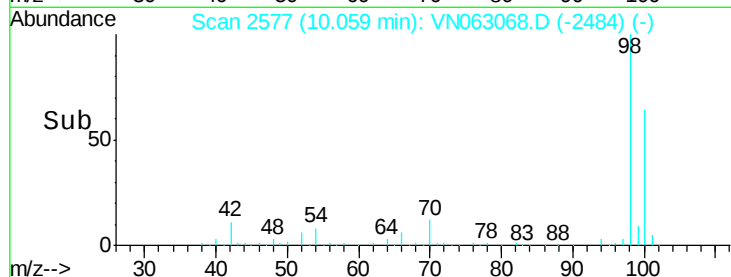
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.041 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063068.D

Acq: 21 Aug 2020 5:18

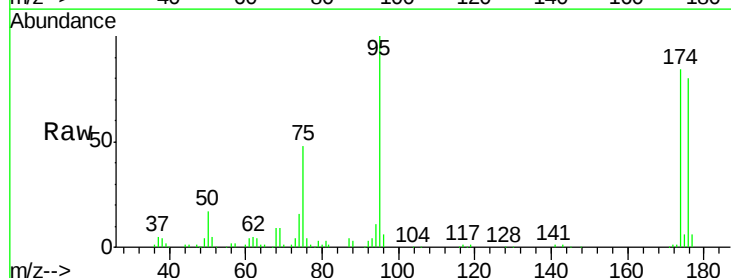
Tgt Ion: 95 Resp: 109150

Ion Ratio Lower Upper

95 100

174 86.9 0.0 170.8

176 82.4 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

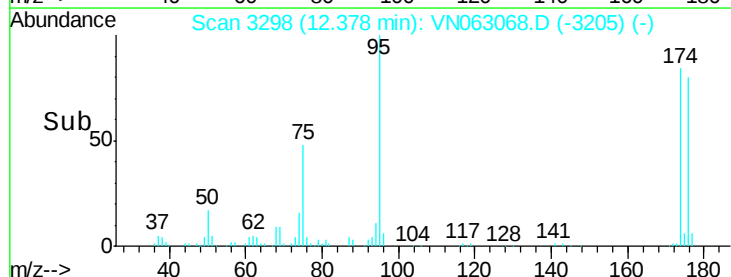
60000

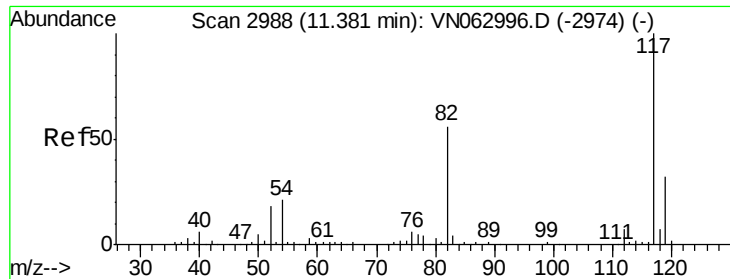
40000

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: VN063068.D

Acq: 21 Aug 2020 5:18

Instrument :

MSVOA_N

ClientSampleId :

S39-0208

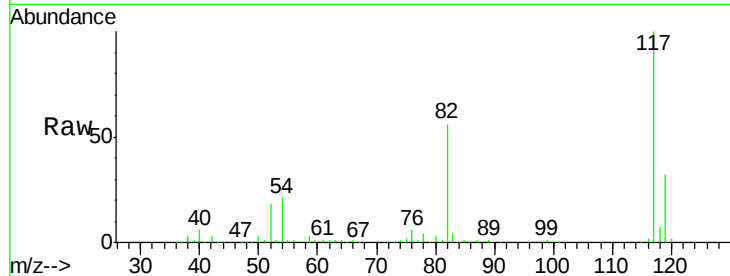
Tot Ion:117 Resp: 260105

Ion Ratio Lower Upper

117 100

82 55.6 44.5 66.7

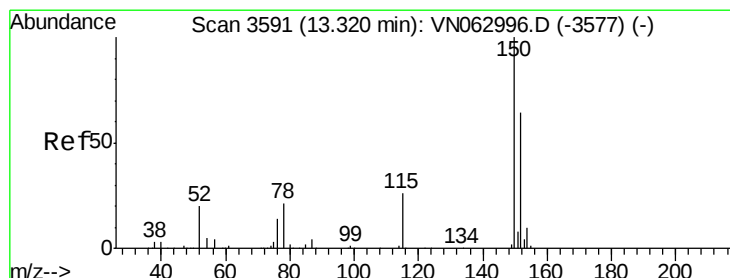
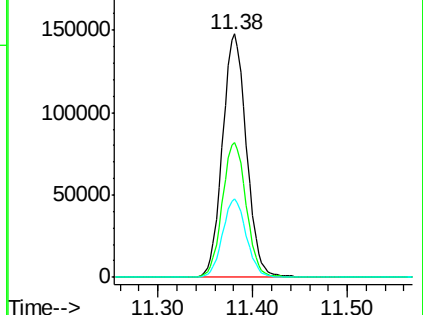
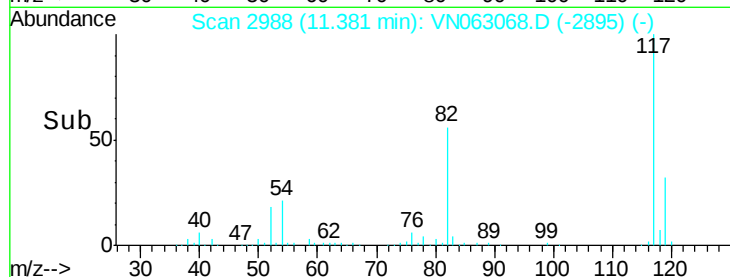
119 32.0 25.5 38.3



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: VN063068.D

Acq: 21 Aug 2020 5:18

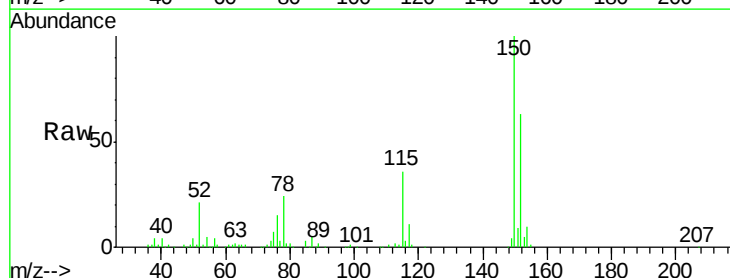
Tgt Ion:152 Resp: 97619

Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.3

150 158.3 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

