

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063059.D
 Acq On : 21 Aug 2020 1:40
 Operator : JC/MD
 Sample : L3737-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-200818

Quant Time: Aug 21 07:23:29 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

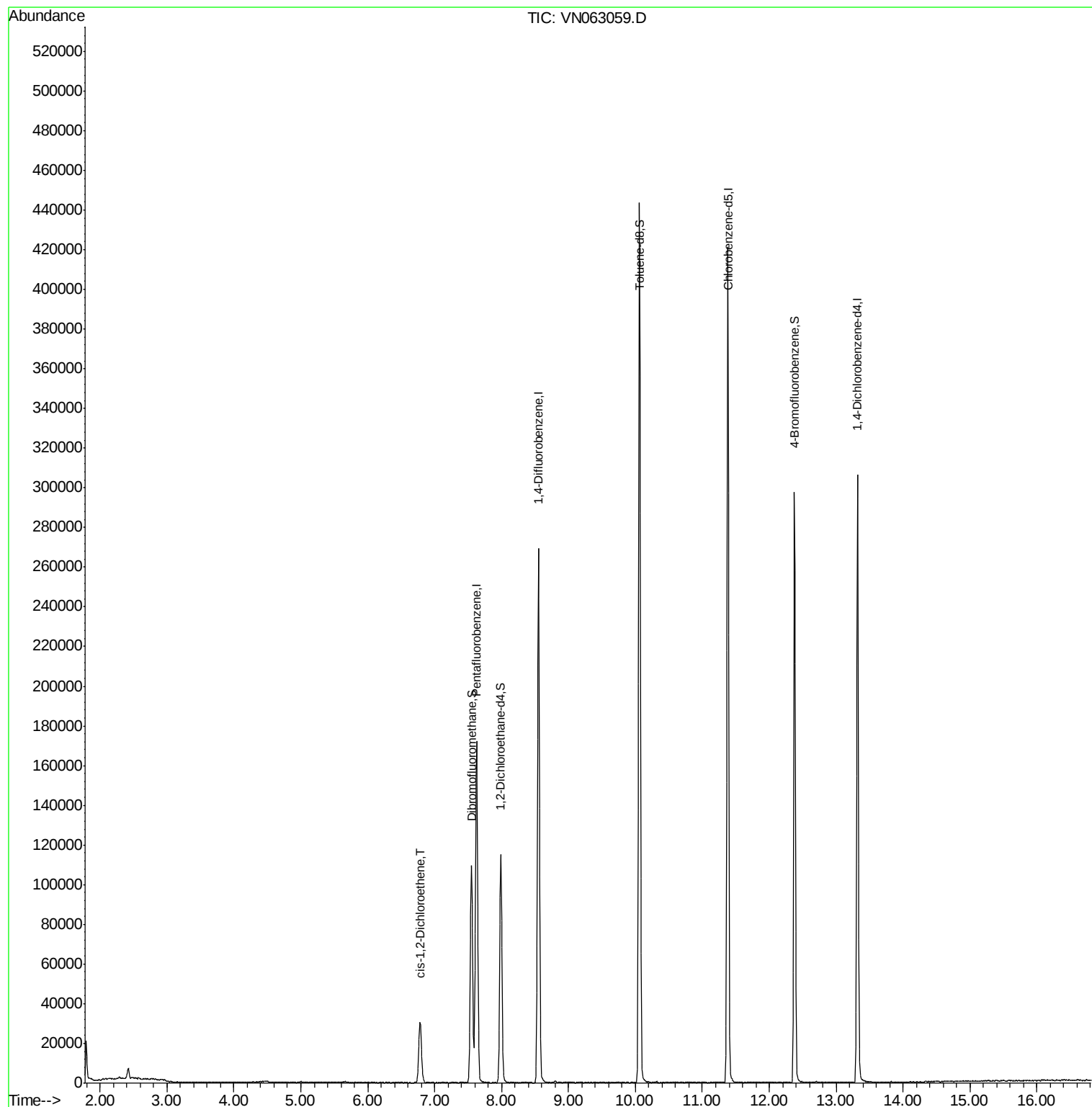
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	250425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	98368	56.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.90%	
35) Dibromofluoromethane	7.55	113	84851	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
50) Toluene-d8	10.06	98	311324	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.38	95	102128	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.79	96	21393	13.068	ug/l	Qvalue 92

(#) = 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: VN063059.D

Acq: 21 Aug 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

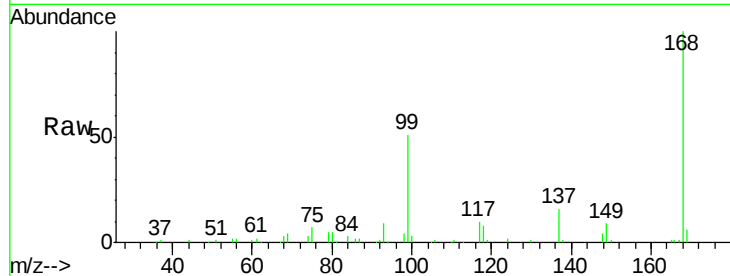
KY038PS038-200818

Tot Ion:168 Resp: 147031

Ion Ratio Lower Upper

168 100

99 50.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

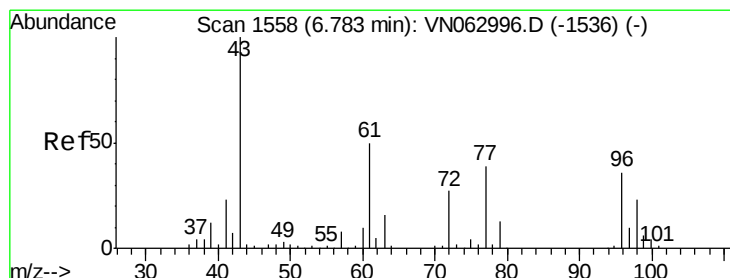
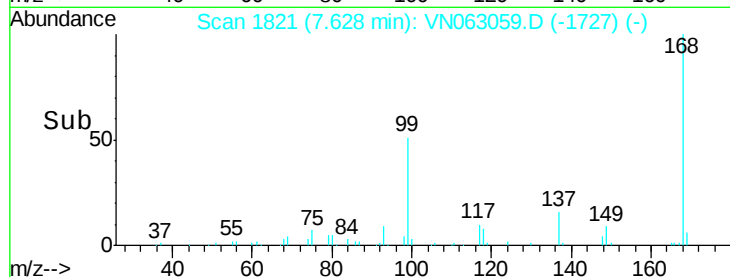
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#27

cis-1,2-Dichloroethene

Concen: 13.068 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN063059.D

Acq: 21 Aug 2020 1:40

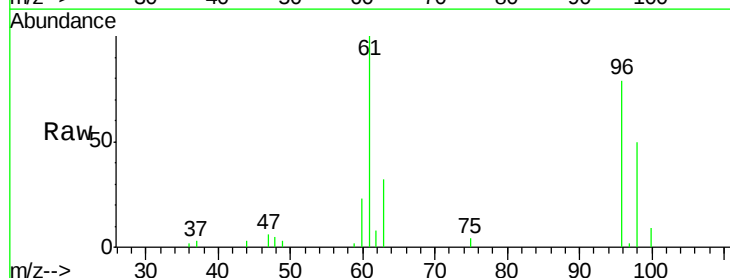
Tgt Ion: 96 Resp: 21393

Ion Ratio Lower Upper

96 100

61 132.8 0.0 292.8

98 66.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

6.79

12000

10000

8000

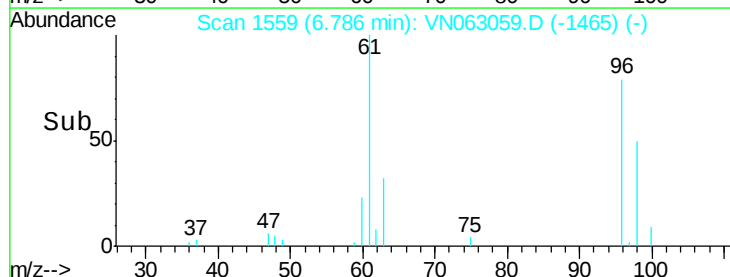
6000

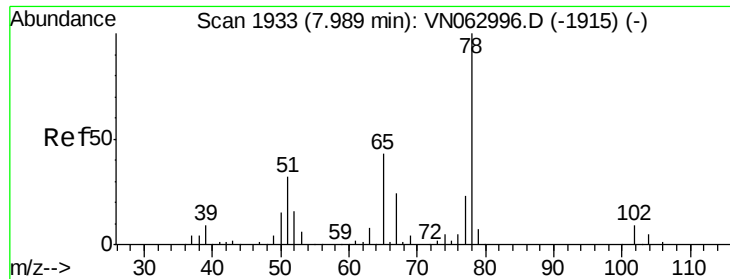
4000

2000

0

Time--> 6.70 6.75 6.80 6.85 6.90

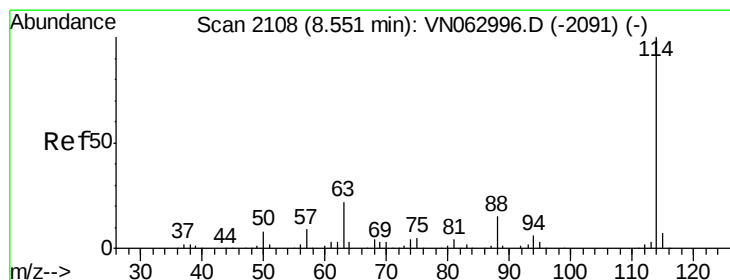
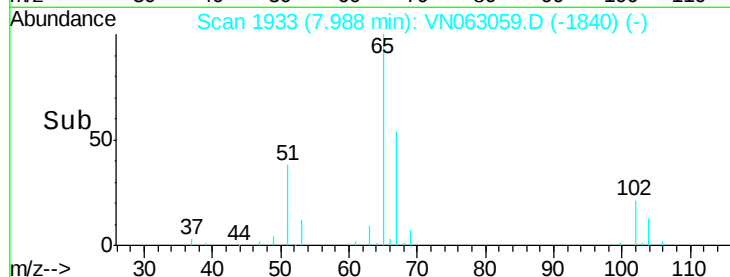
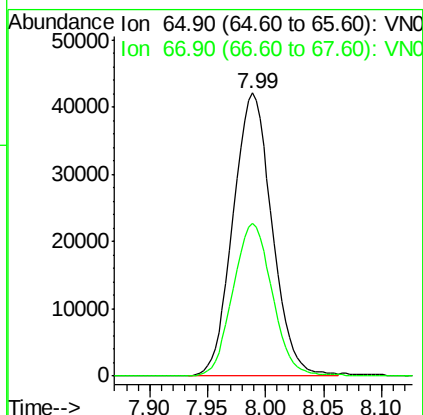
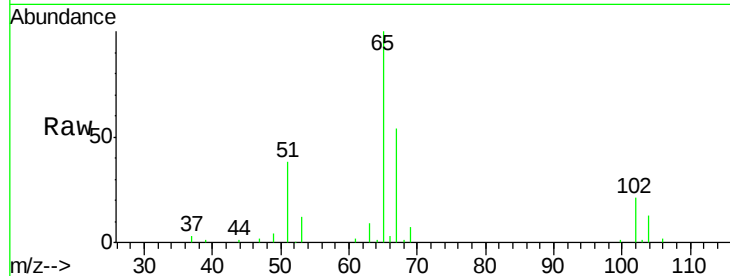




#33
 1,2-Dichloroethane-d4
 Concen: 56.449 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063059.D
 Acq: 21 Aug 2020 1:40

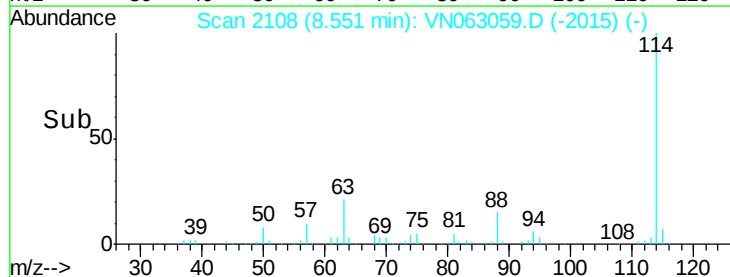
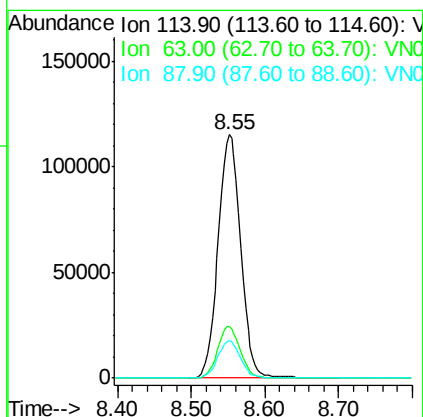
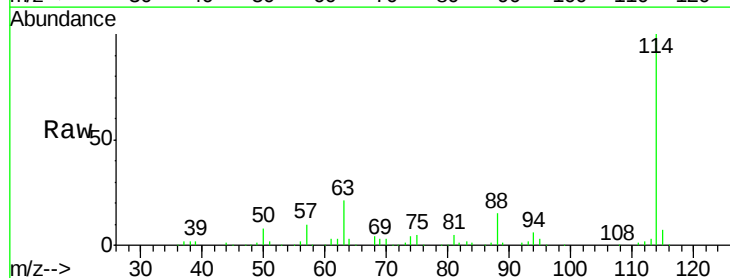
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 KY038PS038-200818

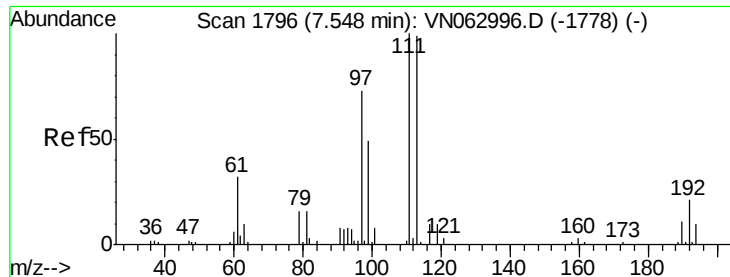
Tot Ion: 65 Resp: 98368
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063059.D
 Acq: 21 Aug 2020 1:40

Tgt Ion: 114 Resp: 244974
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.2 0.0 30.6

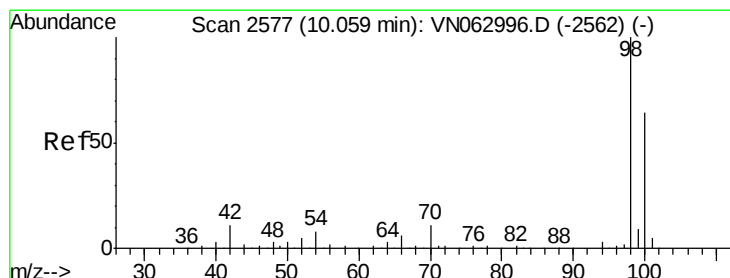
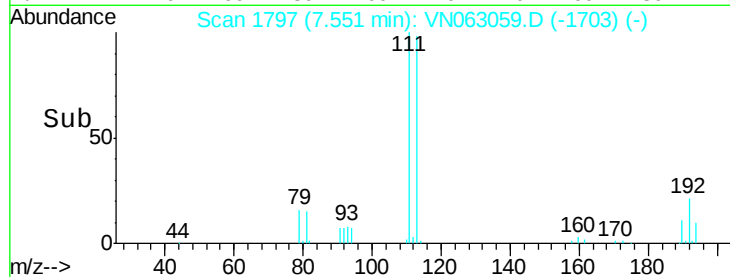
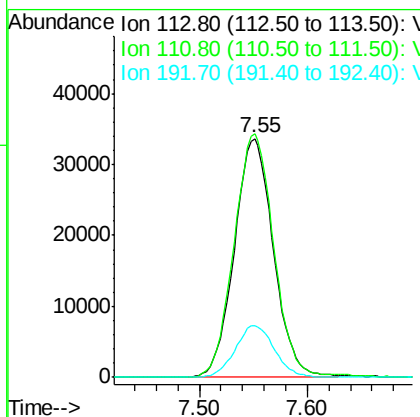
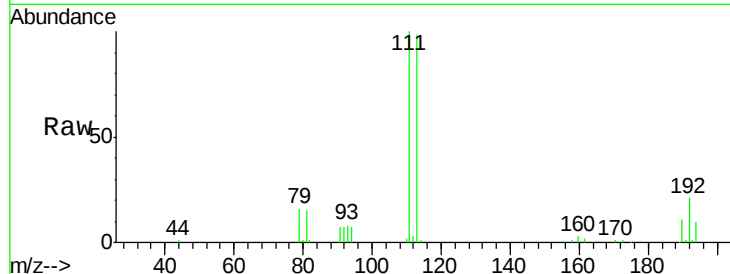




#35
 Dibromofluoromethane
 Concen: 53.157 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063059.D
 Acq: 21 Aug 2020 1:40

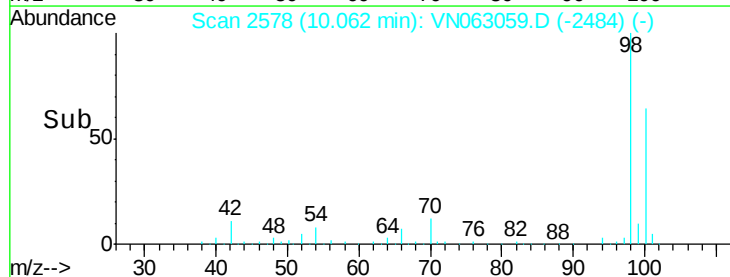
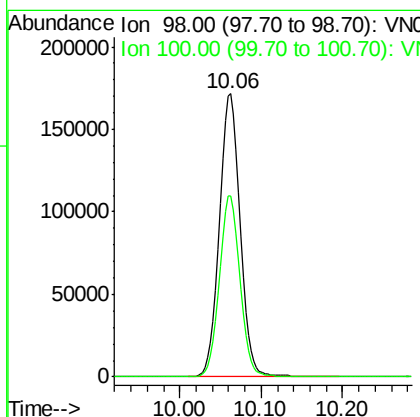
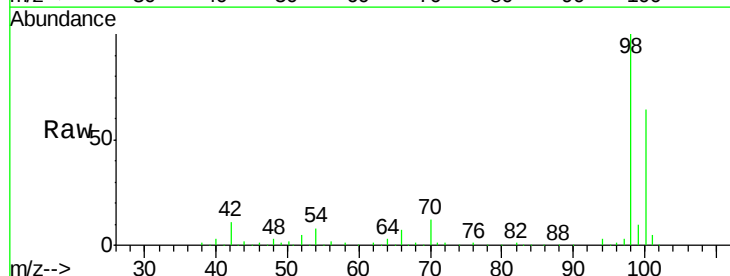
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-200818

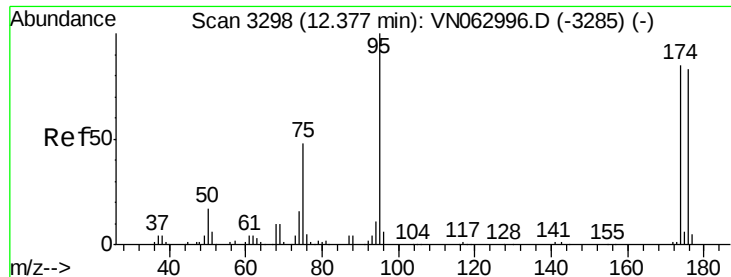
Tot Ion:113 Resp: 84851
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.7 122.5
 192 21.6 17.5 26.3



#50
 Toluene-d8
 Concen: 50.777 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063059.D
 Acq: 21 Aug 2020 1:40

Tgt Ion: 98 Resp: 311324
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.202 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063059.D

Acq: 21 Aug 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-200818

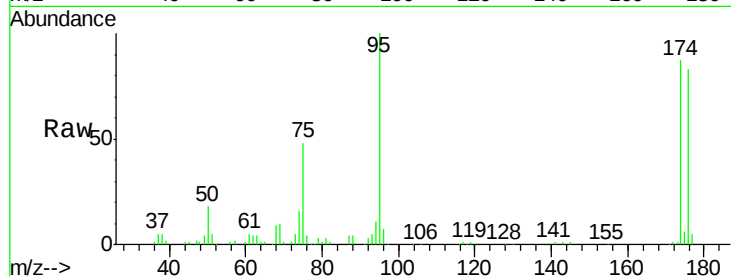
Tot Ion: 95 Resp: 102128

Ion Ratio Lower Upper

95 100

174 87.7 0.0 170.8

176 84.1 0.0 164.8

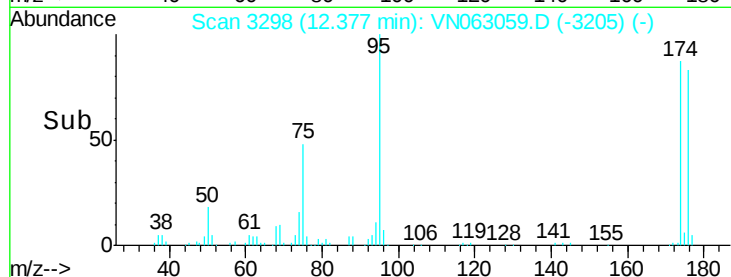


Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

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

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

Time-->



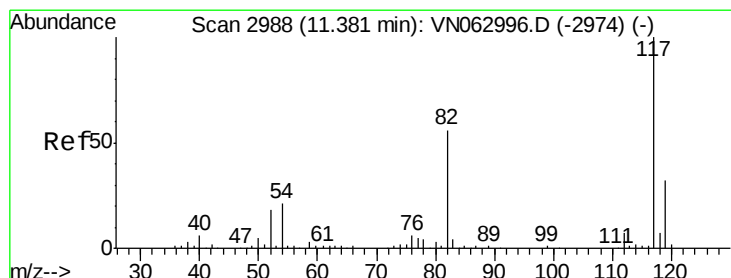
Abundance

Ion 94.90 (94.60 to 95.60): VN063059.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN063059.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN063059.D (-3205) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063059.D

Acq: 21 Aug 2020 1:40

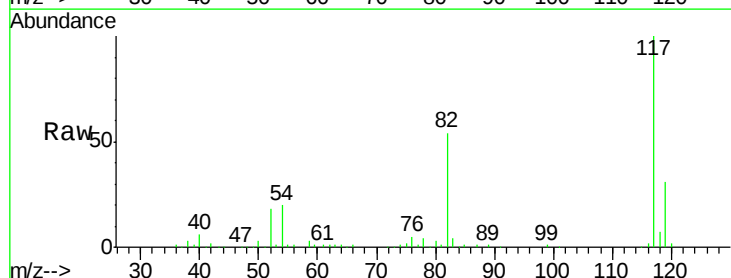
Tgt Ion: 117 Resp: 250425

Ion Ratio Lower Upper

117 100

82 54.4 44.5 66.7

119 31.5 25.5 38.3

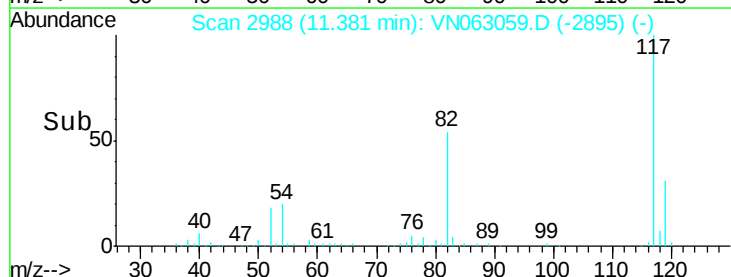


Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)

Time-->



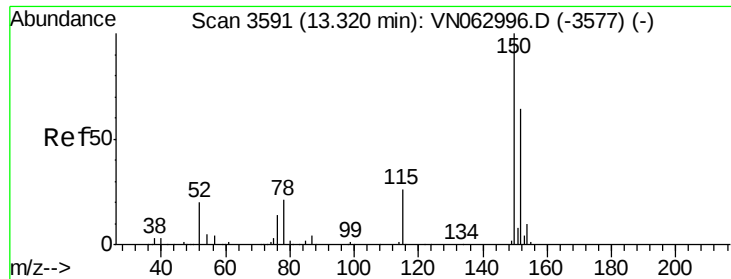
Abundance

Ion 116.90 (116.60 to 117.60): VN063059.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN063059.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN063059.D (-2895) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063059.D

Acq: 21 Aug 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-200818

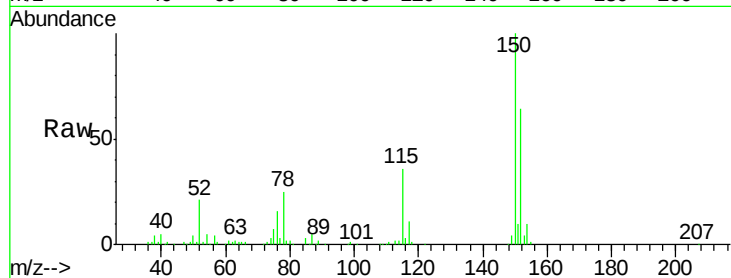
Tot Ion:152 Resp: 87999

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.3

150 157.0 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

