

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061752.D
 Acq On : 11 Jun 2020 17:14
 Operator : JC/MD
 Sample : L2988-10 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608

Quant Time: Jun 12 05:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

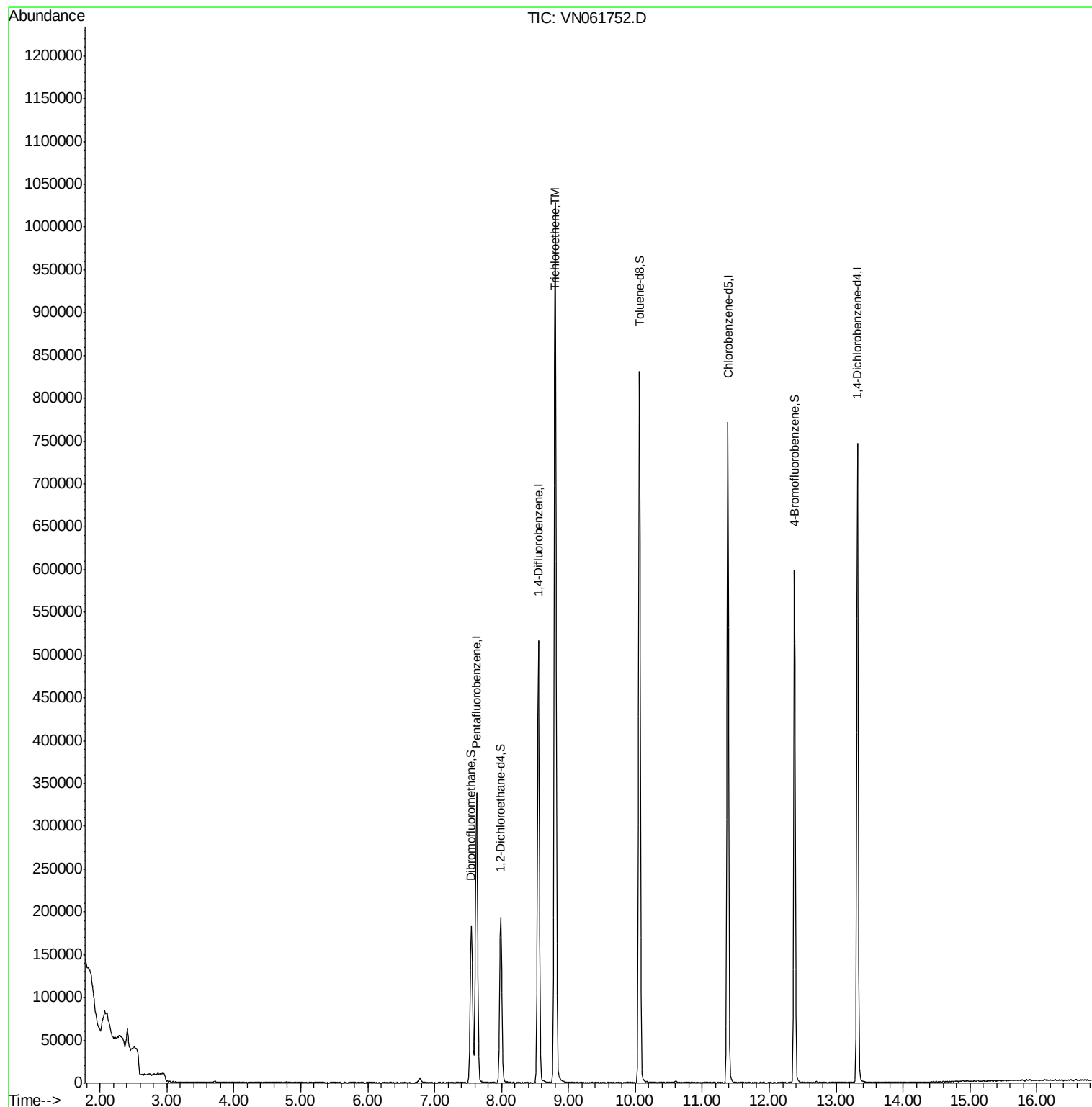
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	291503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	499606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166561	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
35) Dibromofluoromethane	7.55	113	141932	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
50) Toluene-d8	10.06	98	594255	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.38	95	205092	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
44) Trichloroethene	8.80	130	404561	96.465	ug/l	Qvalue 94

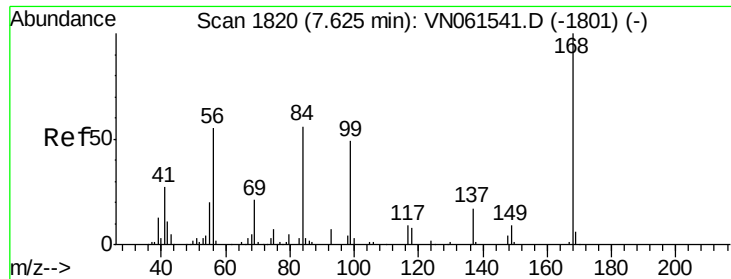
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061752.D

Acq: 11 Jun 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

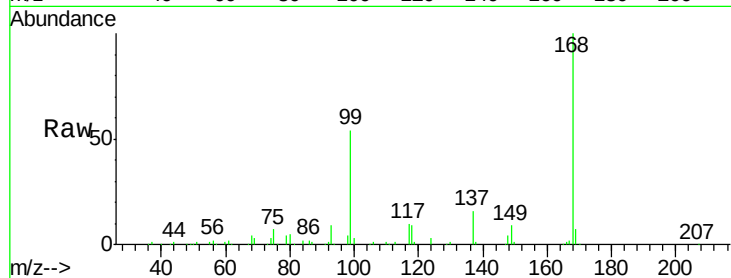
RE108D2-20200608

Tot Ion:168 Resp: 291503

Ion Ratio Lower Upper

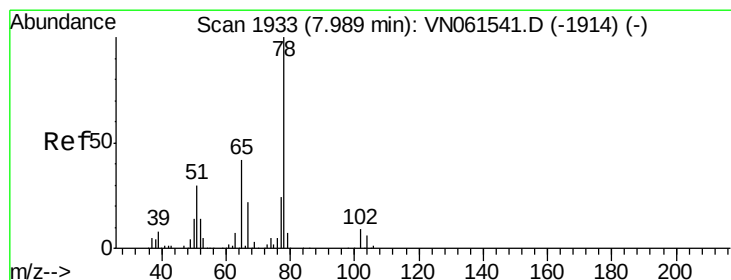
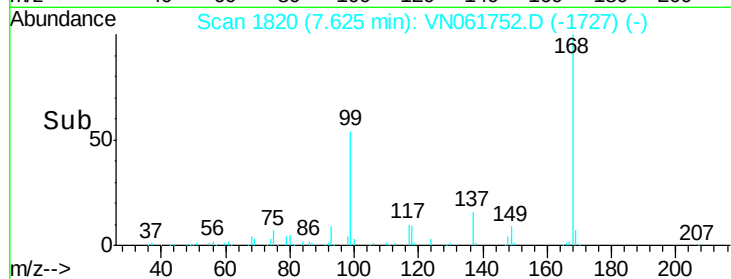
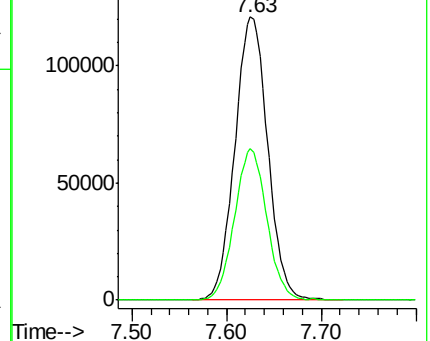
168 100

99 53.6 45.0 67.4



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: 47.958 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061752.D

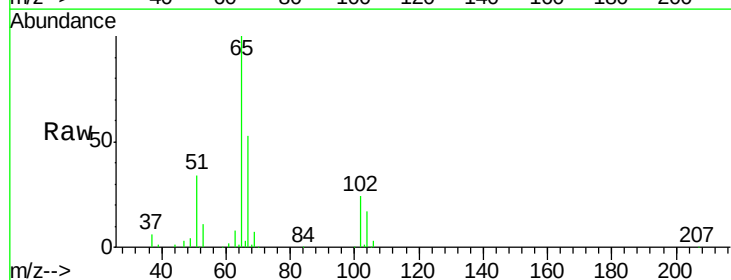
Acq: 11 Jun 2020 17:14

Tgt Ion: 65 Resp: 166561

Ion Ratio Lower Upper

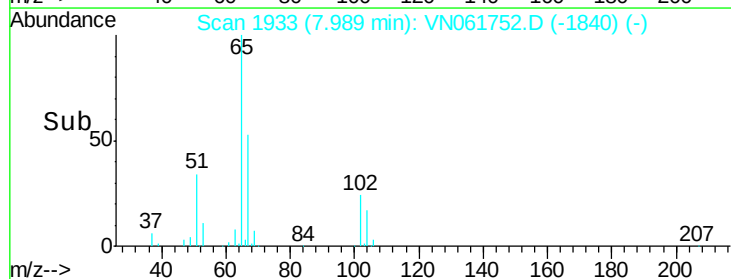
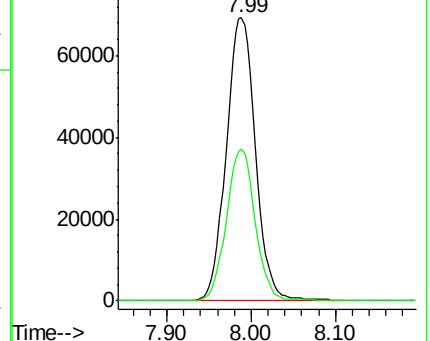
65 100

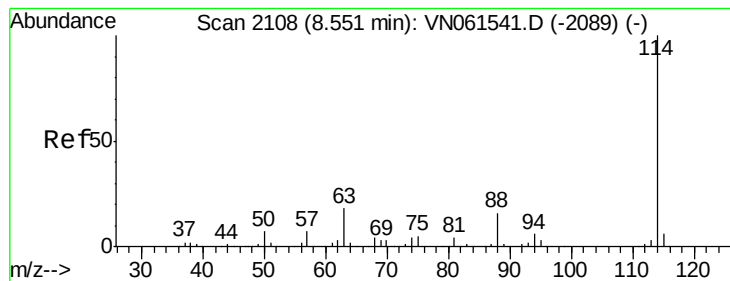
67 52.4 0.0 104.8



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: VN061752.D

Acq: 11 Jun 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608

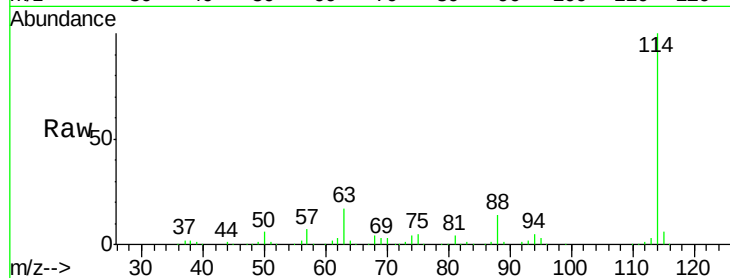
Tot Ion:114 Resp: 499606

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.8

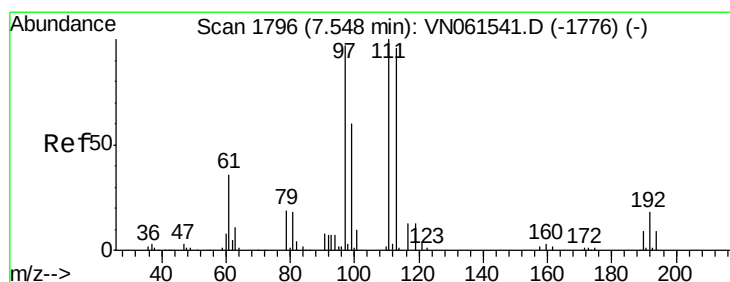
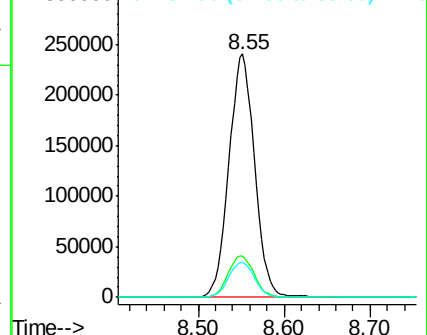
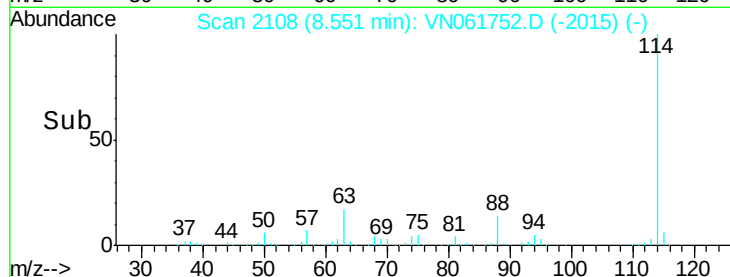
88 14.4 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 56.002 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061752.D

Acq: 11 Jun 2020 17:14

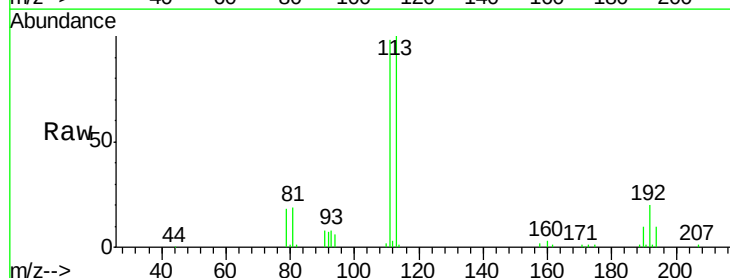
Tgt Ion:113 Resp: 141932

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

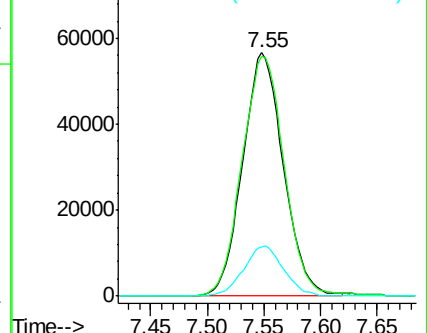
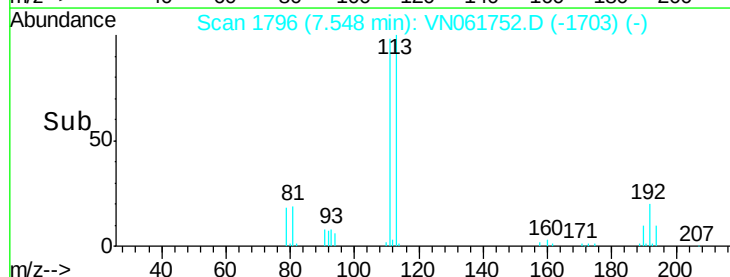
192 20.2 15.4 23.2

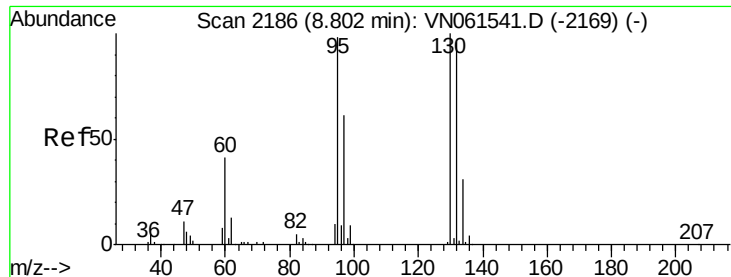


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 96.465 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061752.D

Acq: 11 Jun 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

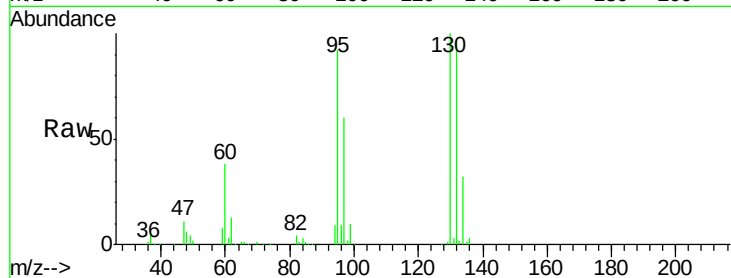
RE108D2-20200608

Tot Ion:130 Resp: 404561

Ion Ratio Lower Upper

130 100

95 92.5 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

200000

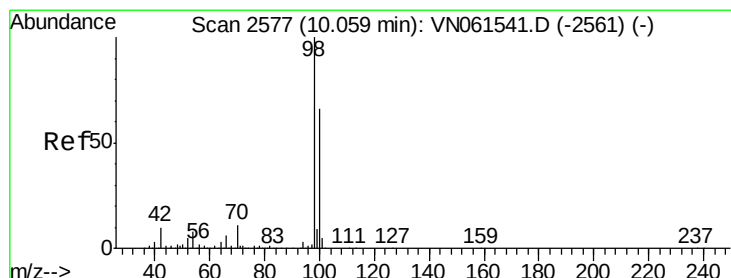
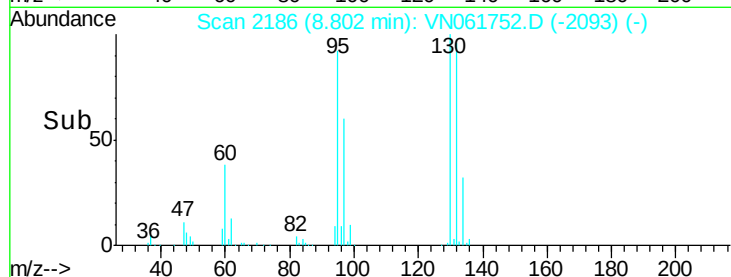
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 50.597 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061752.D

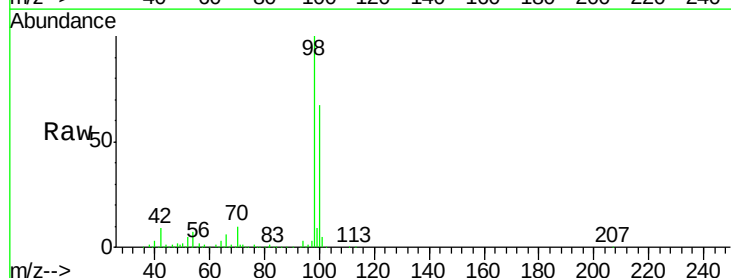
Acq: 11 Jun 2020 17:14

Tgt Ion: 98 Resp: 594255

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

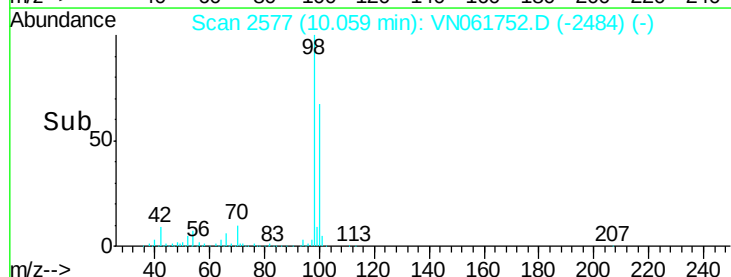
300000

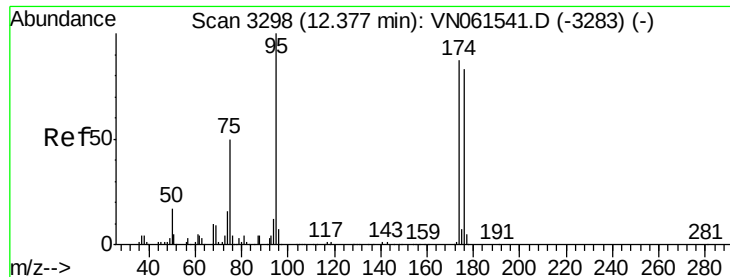
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.864 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061752.D

Acq: 11 Jun 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608

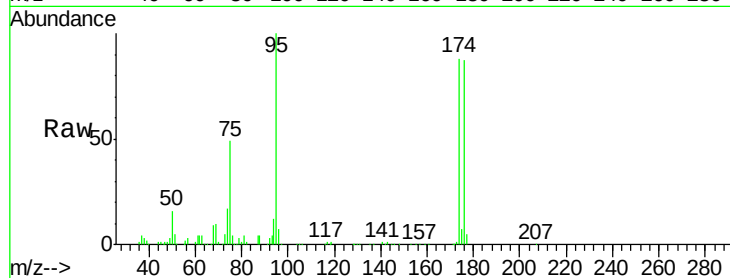
Tot Ion: 95 Resp: 205092

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.8

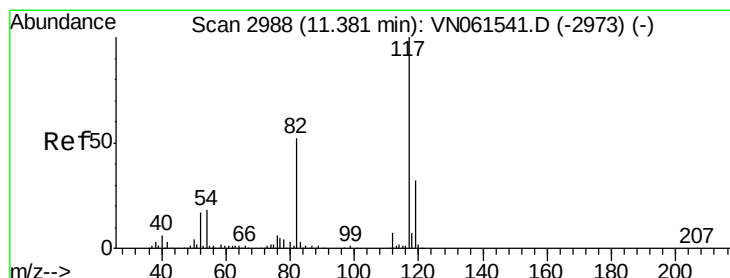
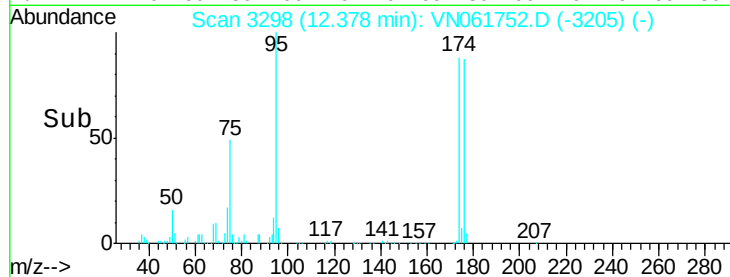
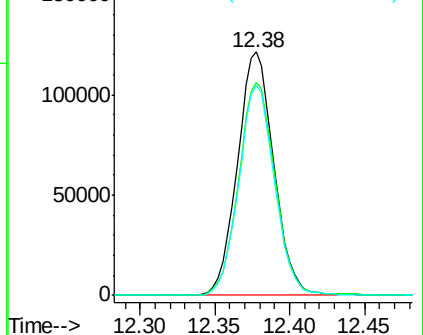
176 85.2 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061752.D

Acq: 11 Jun 2020 17:14

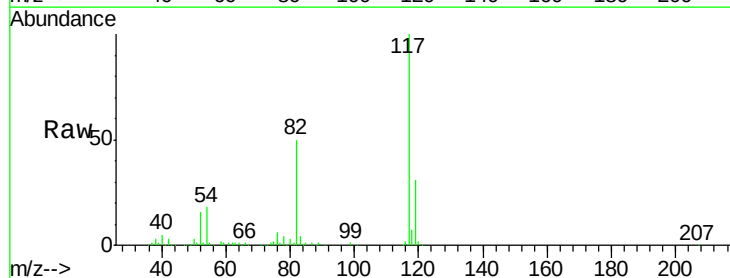
Tgt Ion: 117 Resp: 488917

Ion Ratio Lower Upper

117 100

82 50.4 41.5 62.3

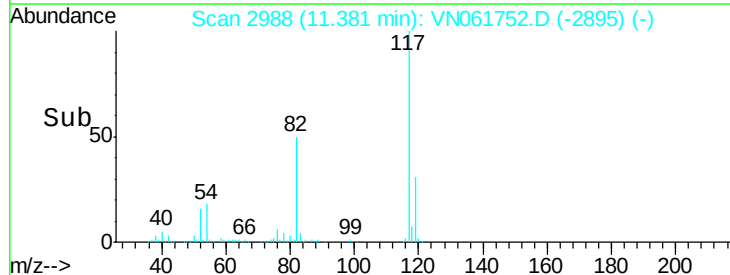
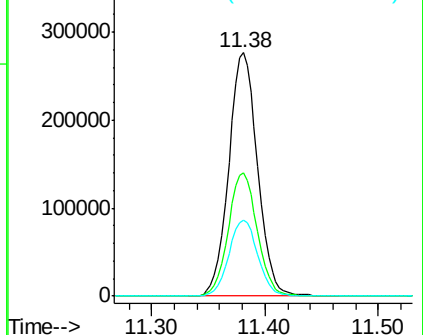
119 31.0 25.6 38.4

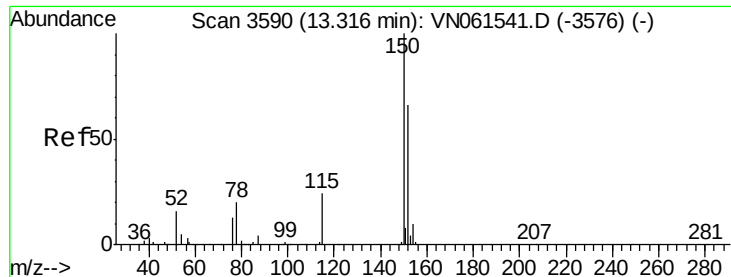


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061752.D

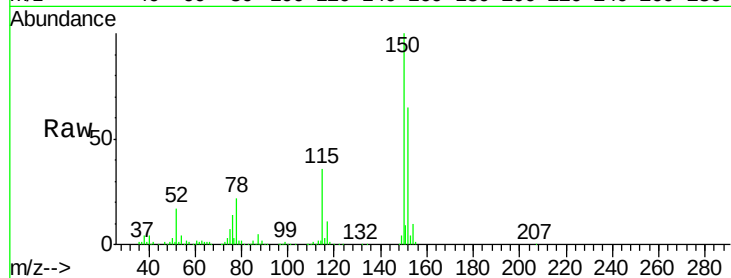
Acq: 11 Jun 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608



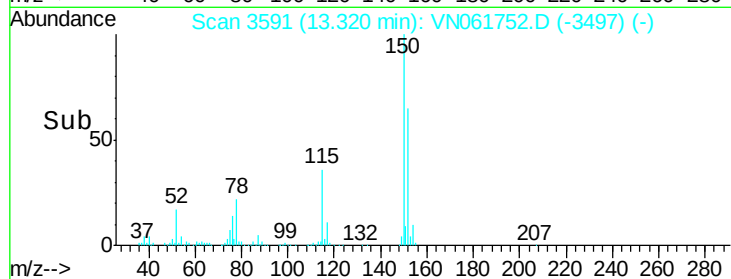
Tot Ion:152 Resp: 213653

Ion Ratio Lower Upper

152 100

115 55.3 28.0 84.0

150 157.1 0.0 344.0



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

250000

200000

150000

100000

50000

0

13.30 13.32 13.40

Time-->