

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032319\
 Data File : VN054608.D
 Acq On : 23 Mar 2019 16:54
 Operator : JC/SP
 Sample : K1912-09DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T1-UV(PRE)DL

Quant Time: Mar 25 04:22:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

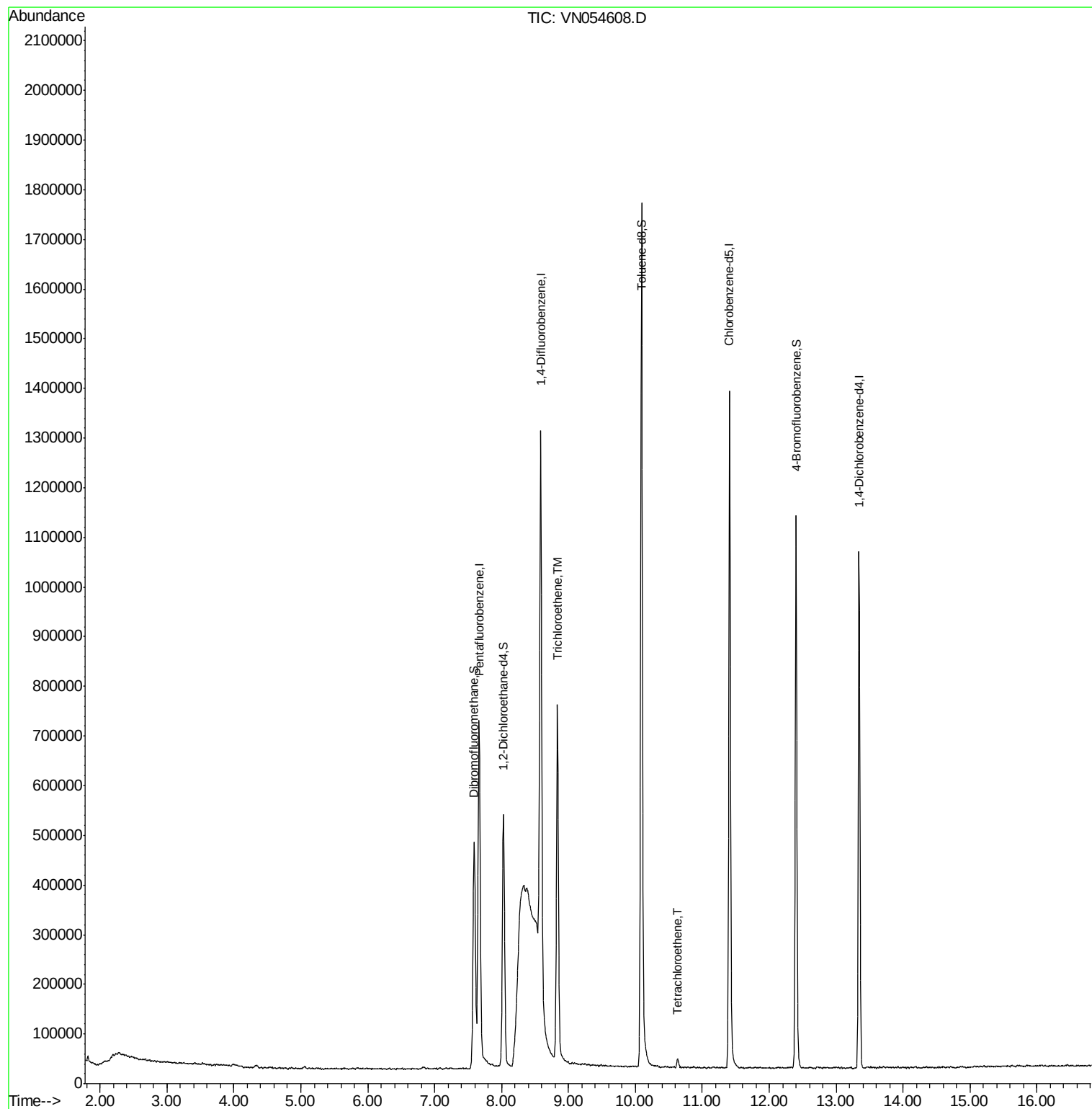
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	799427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	280952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	433487	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	7.59	113	344860	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
50) Toluene-d8	10.09	98	1294857	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.40	95	388489	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
44) Trichloroethene	8.83	130	269935	36.623	ug/l	95
64) Tetrachloroethene	10.63	164	4192	0.632	ug/l	87

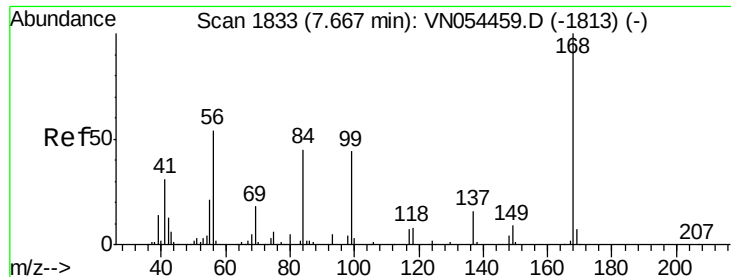
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

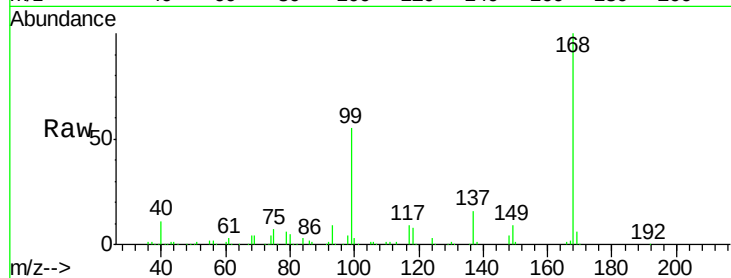
M3-T1-UV(PRE)DL

Tot Ion:168 Resp: 622941

Ion Ratio Lower Upper

168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

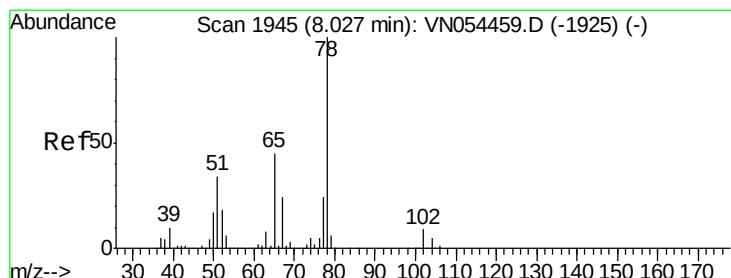
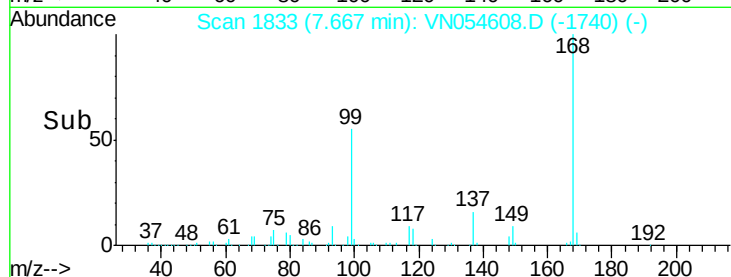
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.945 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054608.D

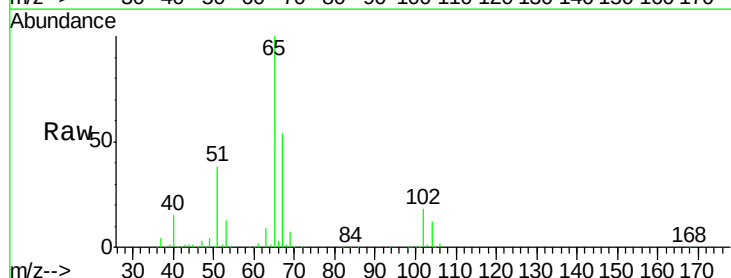
Acq: 23 Mar 2019 16:54

Tgt Ion: 65 Resp: 433487

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

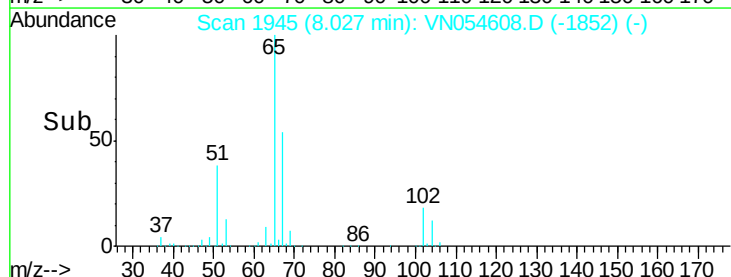
100000

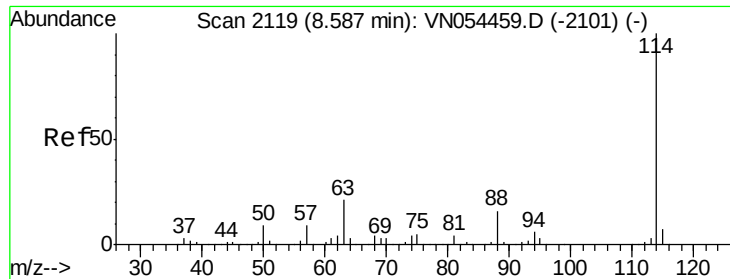
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

M3-T1-UV(PRE)DL

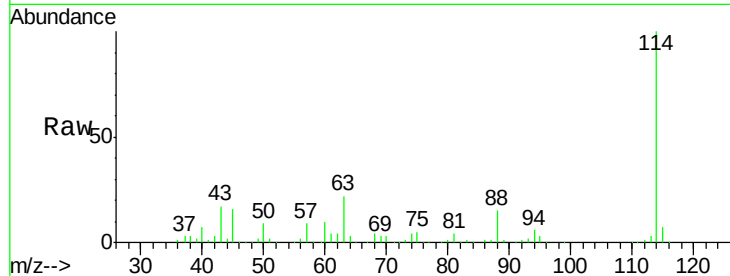
Tot Ion:114 Resp: 991564

Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.2

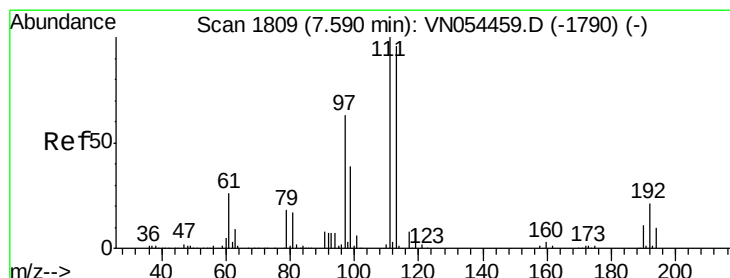
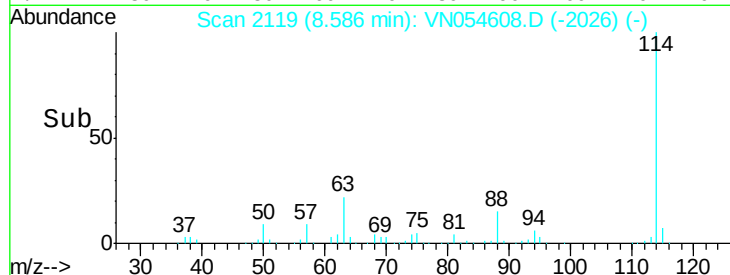
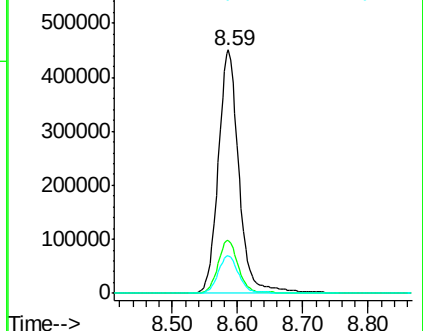
88 15.5 0.0 30.2



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: 53.984 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

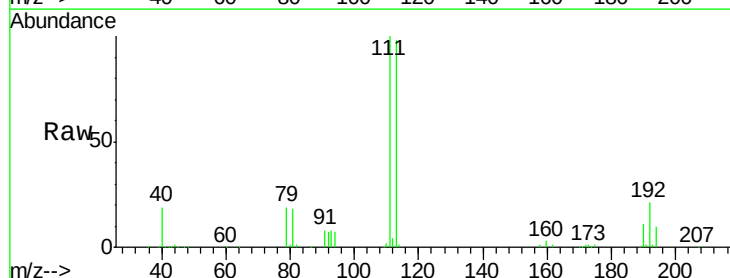
Tgt Ion:113 Resp: 344860

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

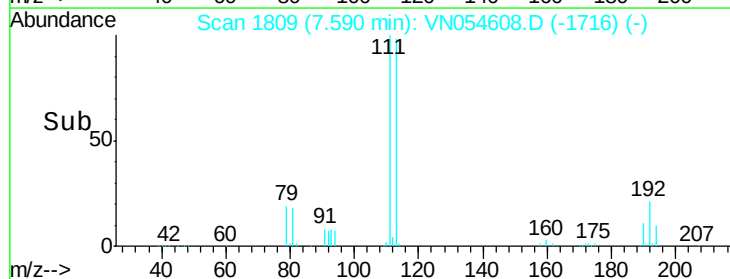
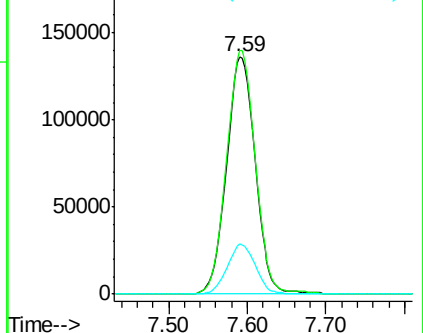
192 20.6 19.2 28.8

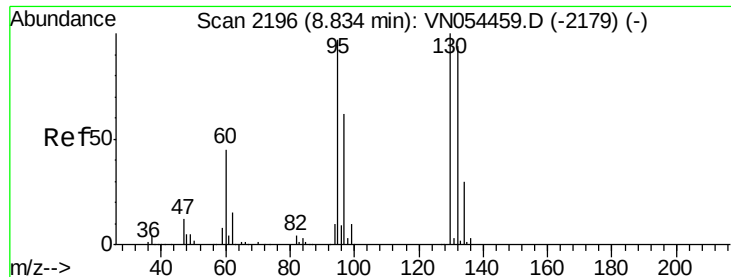


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 36.623 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

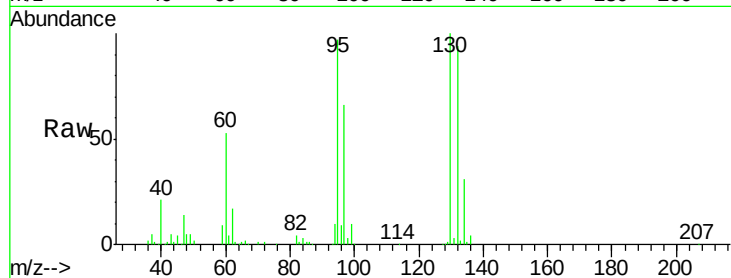
M3-T1-UV(PRE)DL

Tot Ion:130 Resp: 269935

Ion Ratio Lower Upper

130 100

95 97.4 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

150000

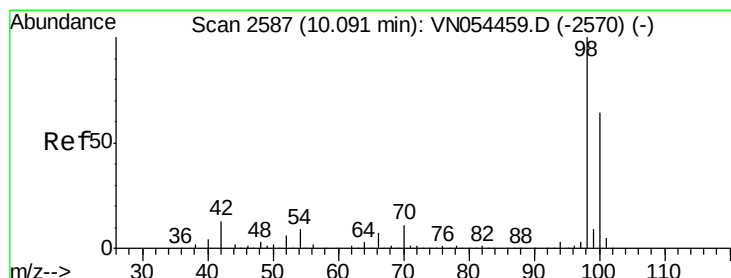
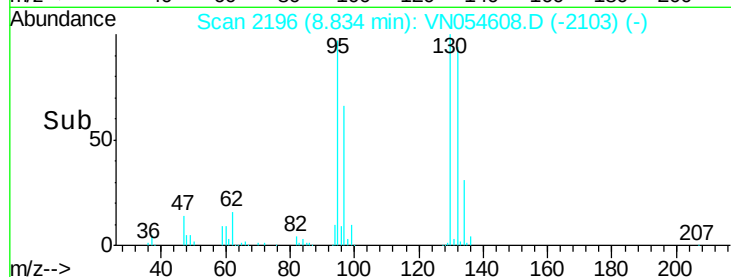
100000

50000

0

8.80 8.90

Time-->



#50

Toluene-d8

Concen: 53.918 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054608.D

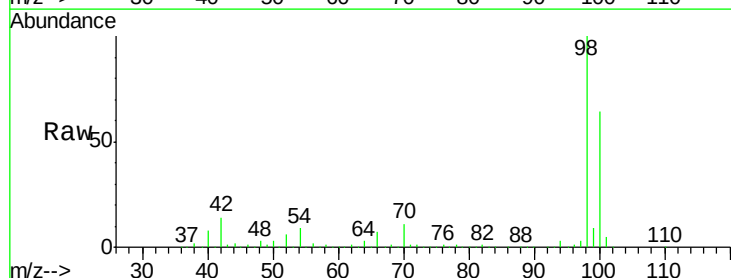
Acq: 23 Mar 2019 16:54

Tgt Ion: 98 Resp: 1294857

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

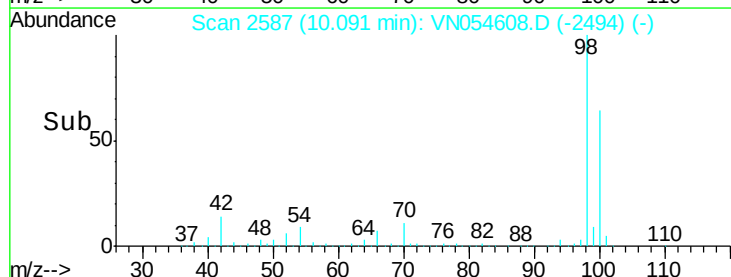
400000

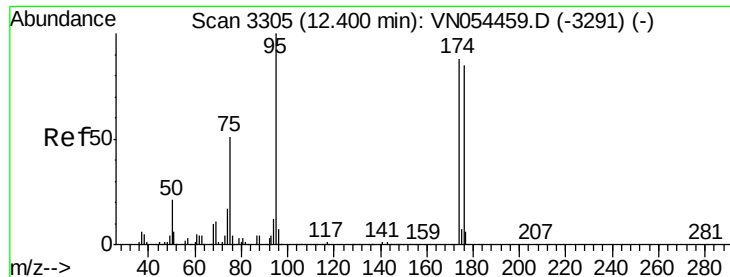
200000

0

10.00 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 47.539 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

M3-T1-UV(PRE)DL

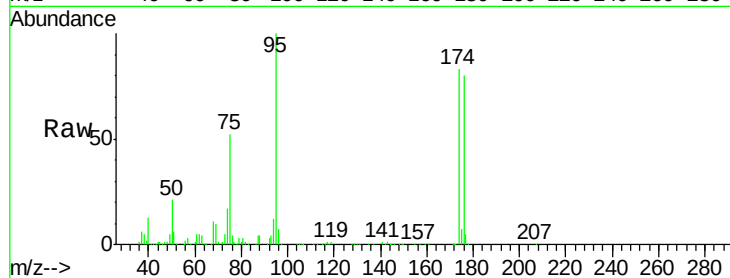
Tot Ion: 95 Resp: 388489

Ion Ratio Lower Upper

95 100

174 85.2 0.0 191.0

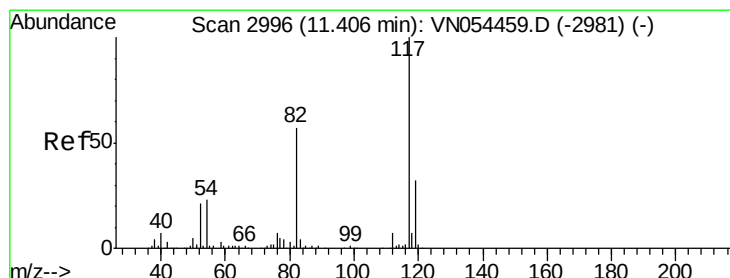
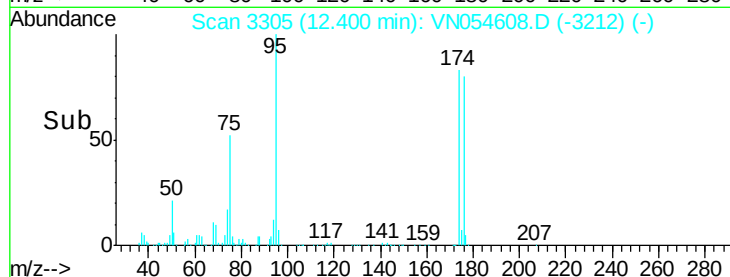
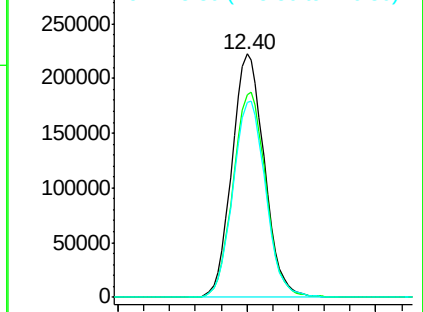
176 81.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054608.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054608.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054608.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

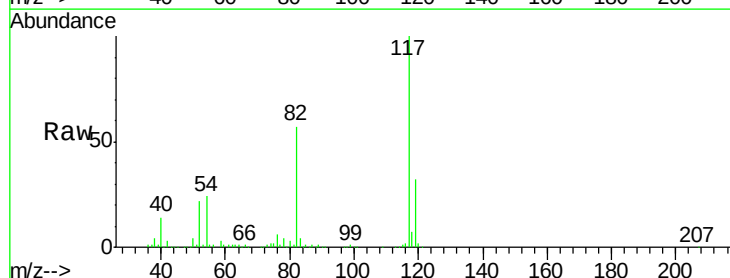
Tgt Ion: 117 Resp: 799427

Ion Ratio Lower Upper

117 100

82 57.3 40.0 60.0

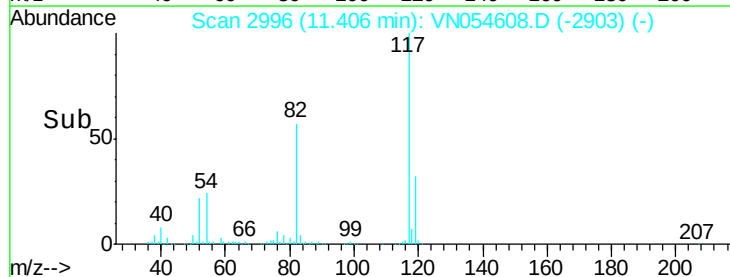
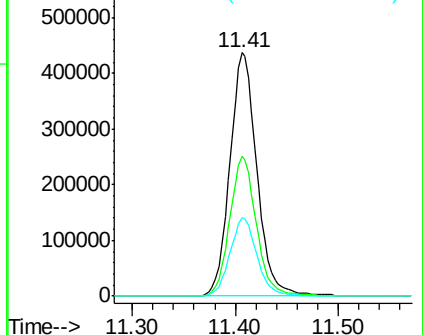
119 32.0 25.8 38.6

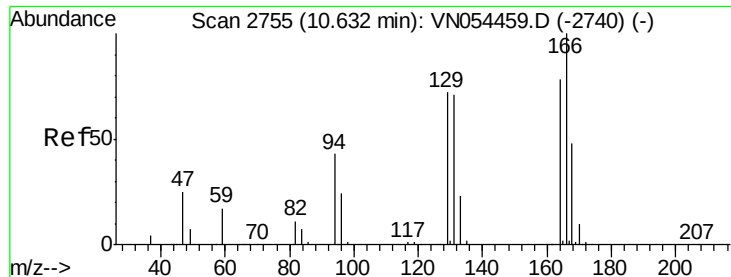


Abundance Ion 116.90 (116.60 to 117.60): VN054608.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054608.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054608.D (-2903) (-)





#64

Tetrachloroethene

Concen: 0.632 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

M3-T1-UV(PRE)DL

Tot Ion:164 Resp: 4192

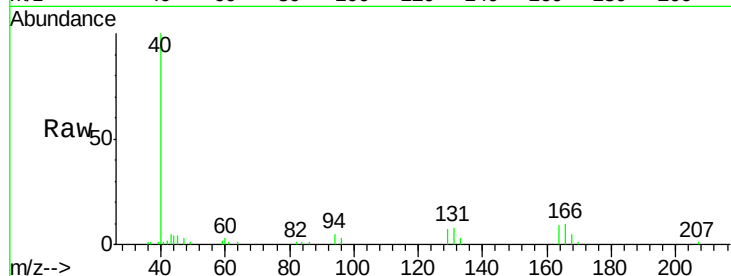
Ion Ratio Lower Upper

164 100

166 108.2 103.9 155.9

129 75.8 71.1 106.7

131 81.3 68.2 102.4

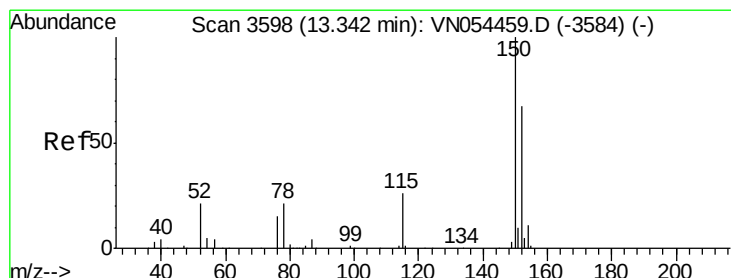
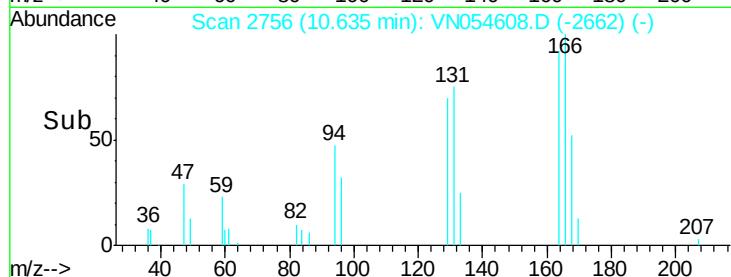
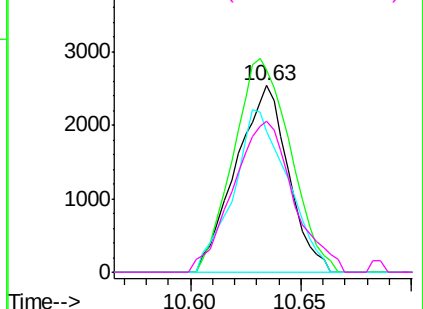


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054608.D

Acq: 23 Mar 2019 16:54

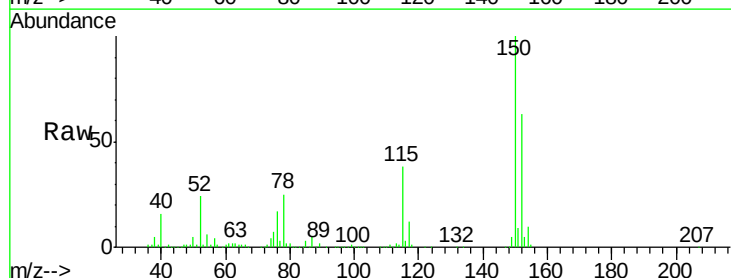
Tgt Ion:152 Resp: 280952

Ion Ratio Lower Upper

152 100

115 59.2 27.2 81.6

150 158.0 0.0 349.2



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

