

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061261.D
 Acq On : 2 May 2020 8:31
 Operator : JC/MD
 Sample : L2467-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW001-200429

Quant Time: May 04 08:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

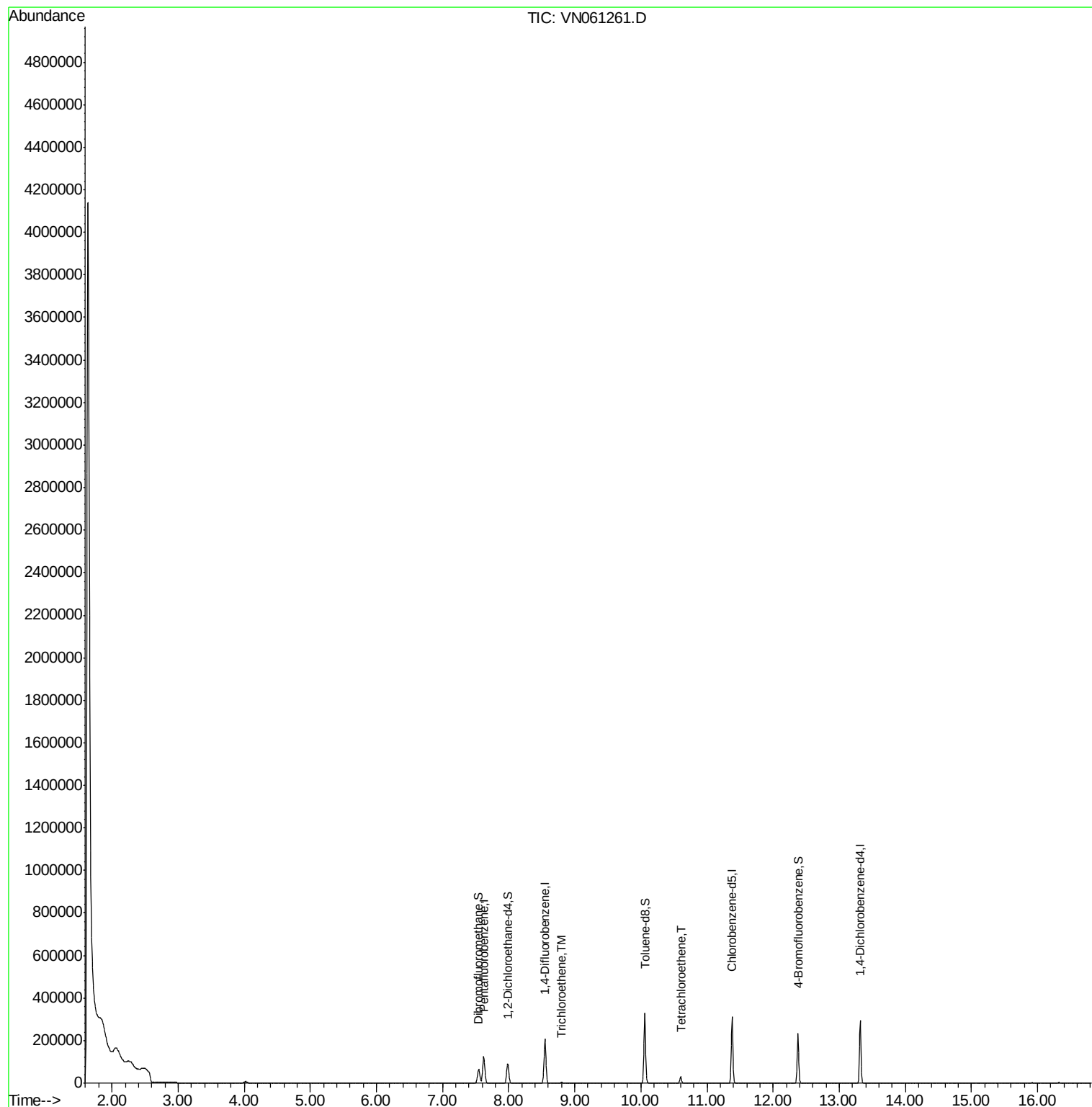
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	93103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	169401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	165489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	71448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79361	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	7.55	113	49887	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.06	98	213411	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.38	95	78756	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
Target Compounds						
44) Trichloroethene	8.80	130	1146	0.839	ug/l	76
64) Tetrachloroethene	10.60	164	6421	4.480	ug/l	97

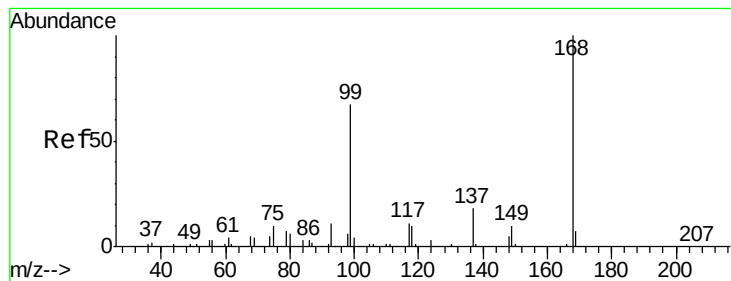
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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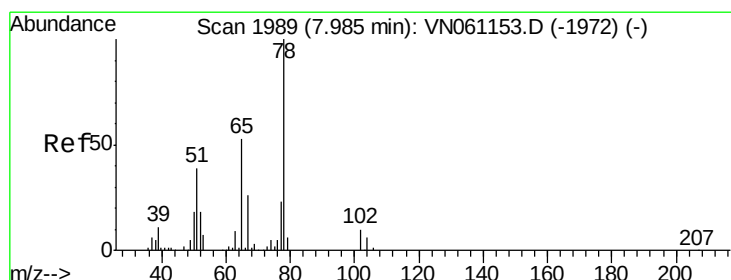
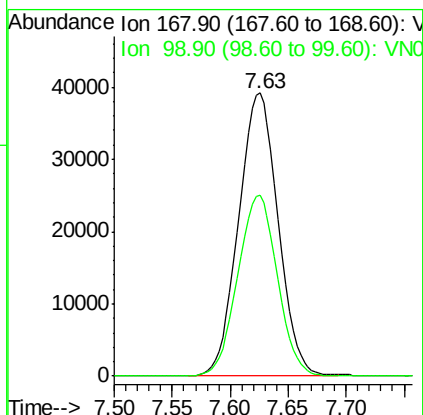
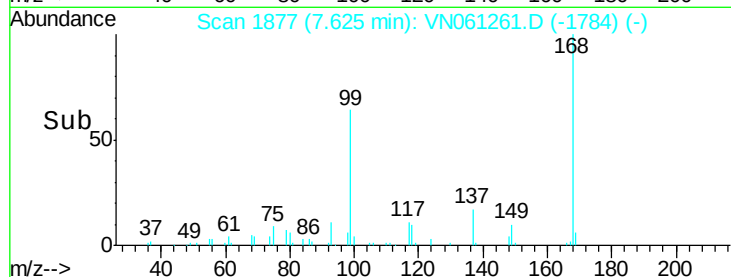
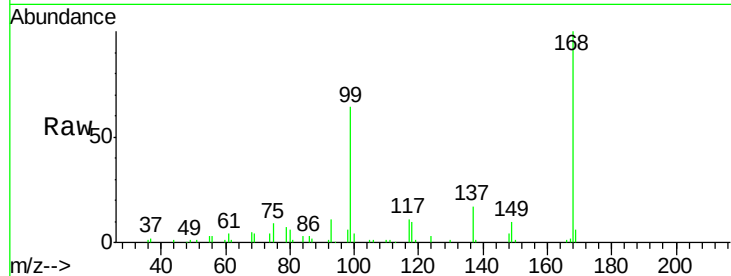




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061261.D
Acq: 2 May 2020 8:31

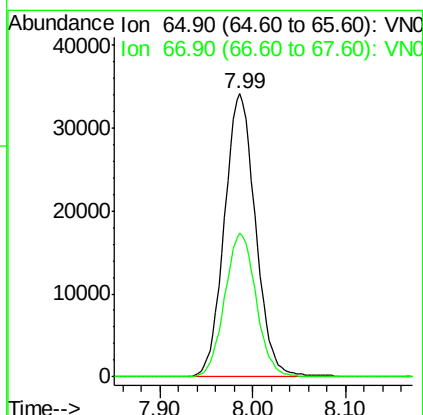
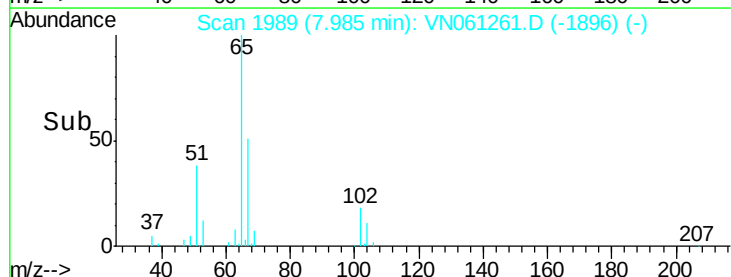
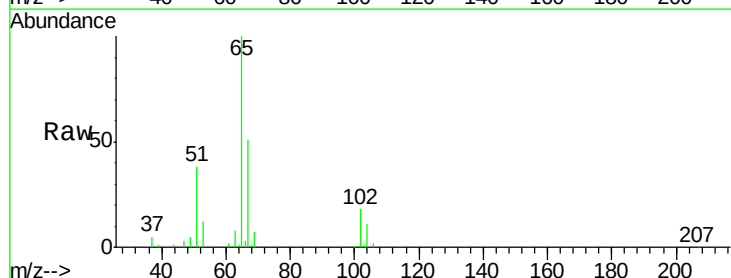
Instrument :
MSVOA_N
ClientSampleId :
SS040MW001-200429

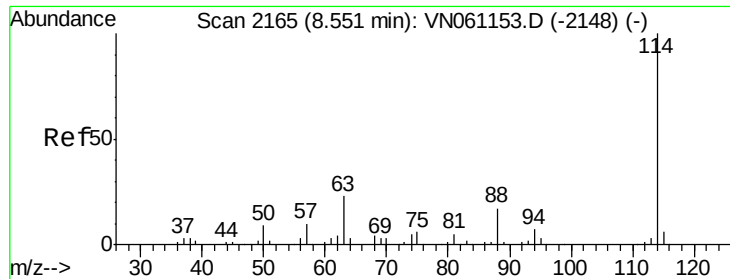
Tot Ion:168 Resp: 93103
Ion Ratio Lower Upper
168 100
99 63.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 53.871 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061261.D
Acq: 2 May 2020 8:31

Tgt Ion: 65 Resp: 79361
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6

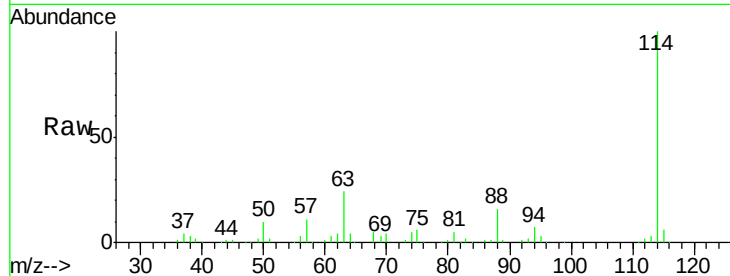




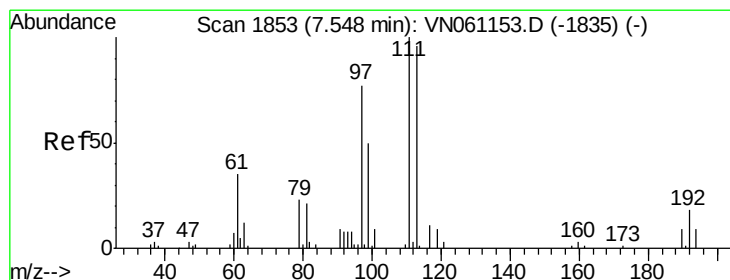
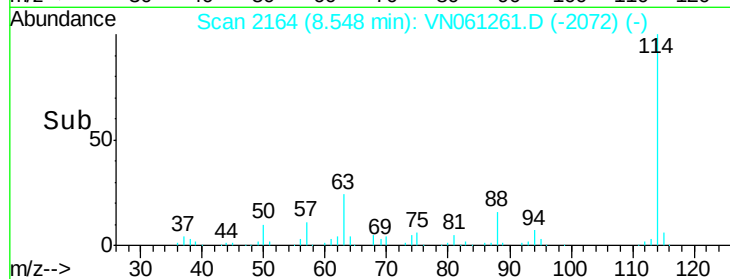
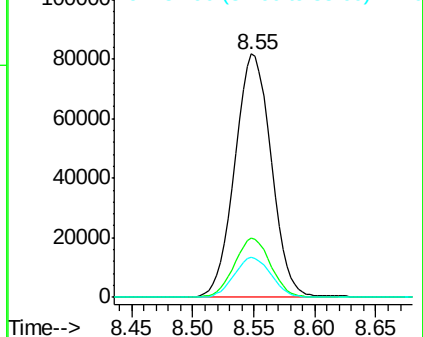
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061261.D
 Acq: 2 May 2020 8:31

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW001-200429

Tot Ion:114 Resp: 169401
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.2 0.0 33.4

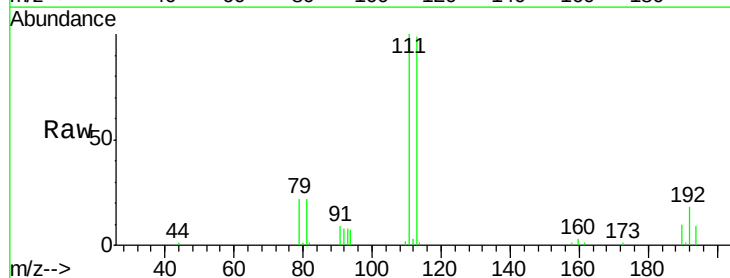


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

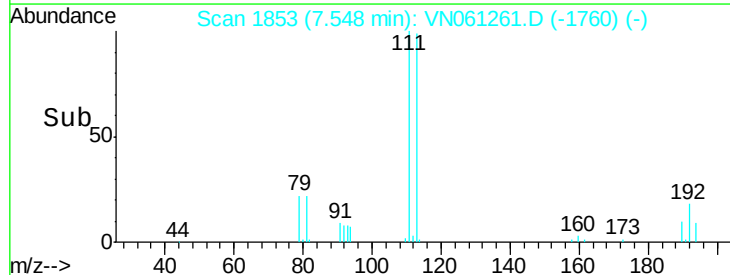
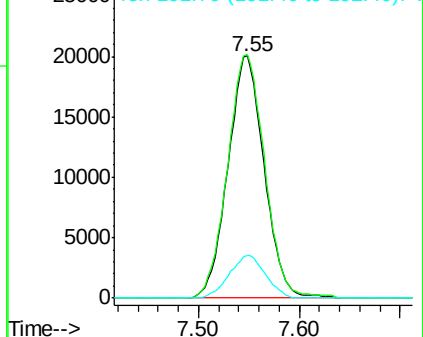


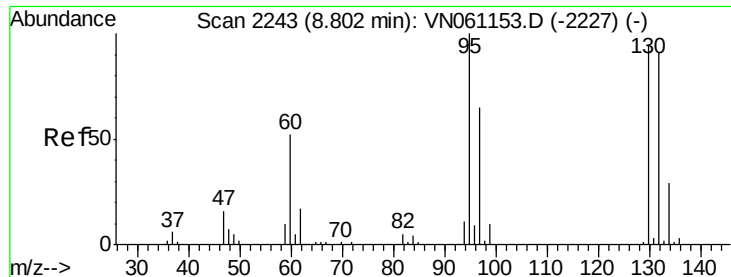
#35
 Dibromofluoromethane
 Concen: 49.802 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061261.D
 Acq: 2 May 2020 8:31

Tgt Ion:113 Resp: 49887
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 17.5 14.7 22.1



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: 0.839 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061261.D

Acq: 2 May 2020 8:31

Instrument :

MSVOA_N

ClientSampleId :

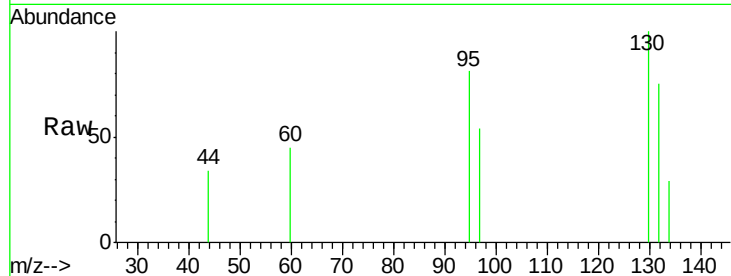
SS040MW001-200429

Tot Ion:130 Resp: 1146

Ion Ratio Lower Upper

130 100

95 81.4 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

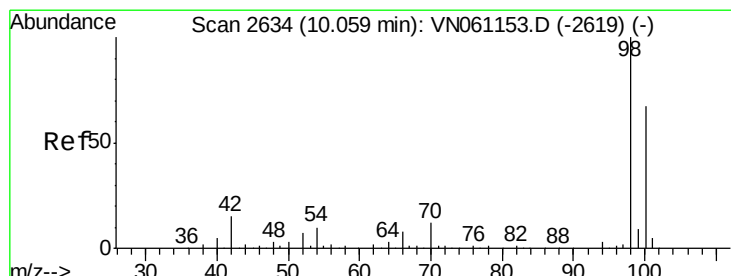
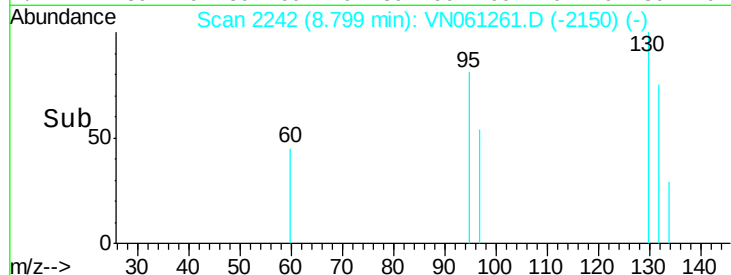
600

400

200

0

Time--> 8.75 8.80



#50

Toluene-d8

Concen: 52.262 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061261.D

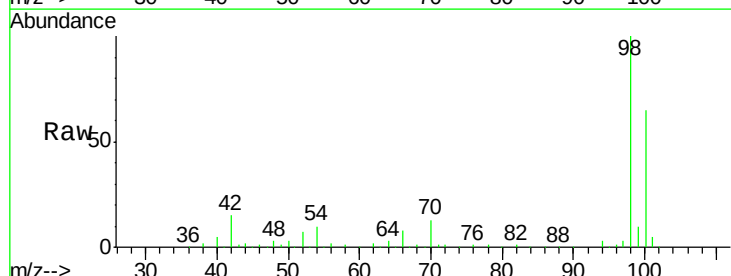
Acq: 2 May 2020 8:31

Tgt Ion: 98 Resp: 213411

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

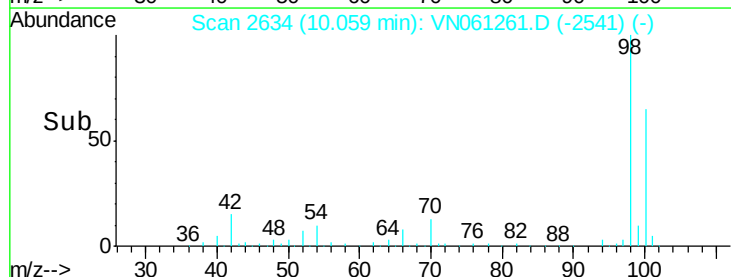
10.06

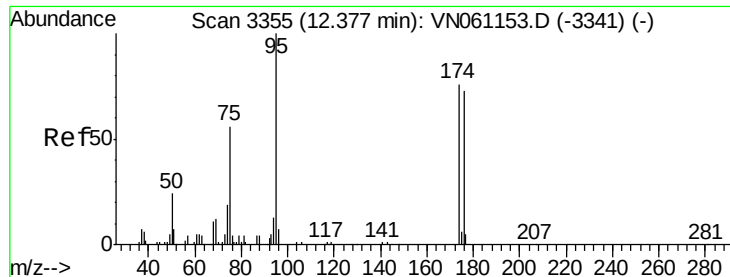
100000

50000

0

Time--> 10.00 10.10





#62

4-Bromofluorobenzene

Concen: 51.251 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061261.D

Acq: 2 May 2020 8:31

Instrument :

MSVOA_N

ClientSampleId :

SS040MW001-200429

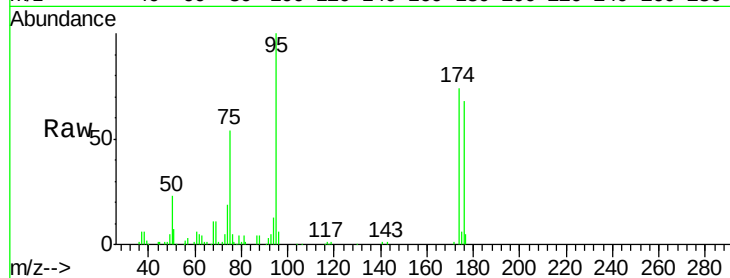
Tot Ion: 95 Resp: 78756

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

176 68.4 0.0 144.8



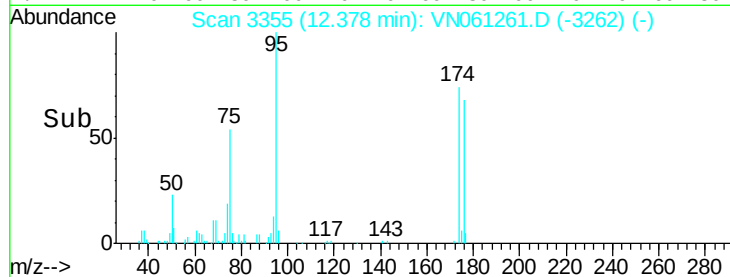
Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

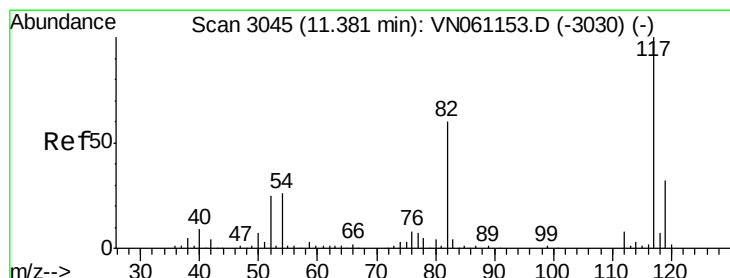
Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

Time-->

12.38



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061261.D

Acq: 2 May 2020 8:31

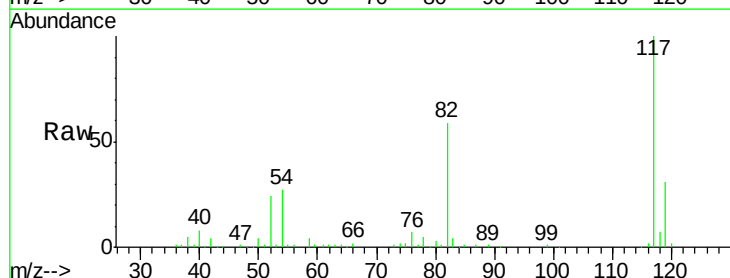
Tgt Ion: 117 Resp: 165489

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.8

119 31.2 25.8 38.6



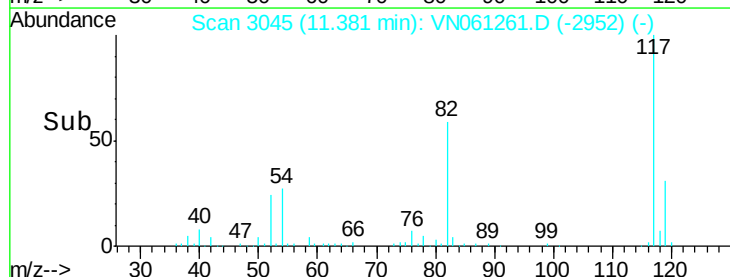
Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

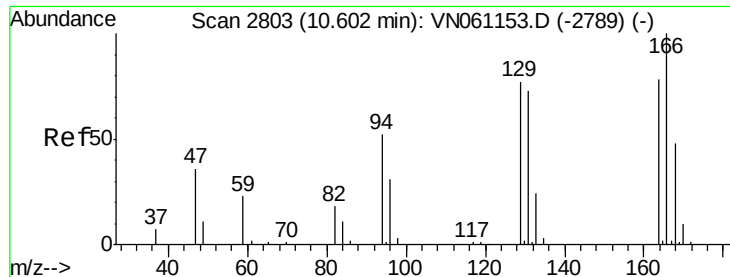
Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)

Time-->

11.38



Time-->



#64

Tetrachloroethene

Concen: 4.480 ug/l

RT: 10.60 min Scan# 2802

Delta R.T. -0.00 min

Lab File: VN061261.D

Acq: 2 May 2020 8:31

Instrument :

MSVOA_N

ClientSampleId :

SS040MW001-200429

Tot Ion:164 Resp: 6421

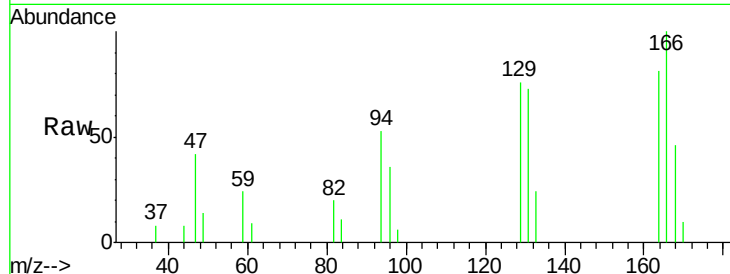
Ion Ratio Lower Upper

164 100

166 123.5 102.0 153.0

129 94.1 78.2 117.2

131 90.0 74.5 111.7

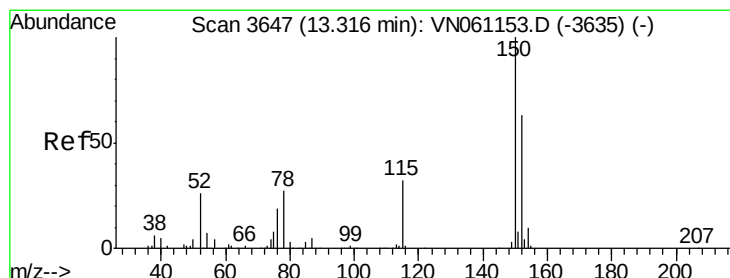
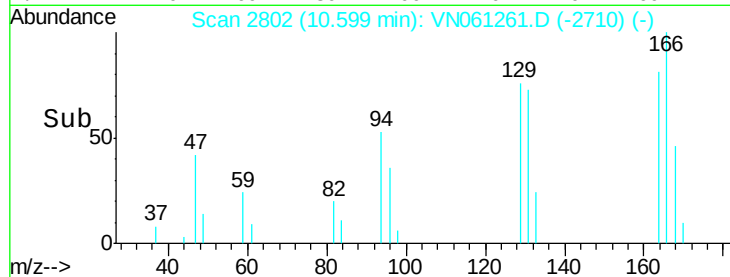
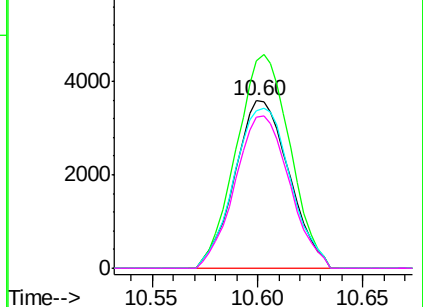


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061261.D

Acq: 2 May 2020 8:31

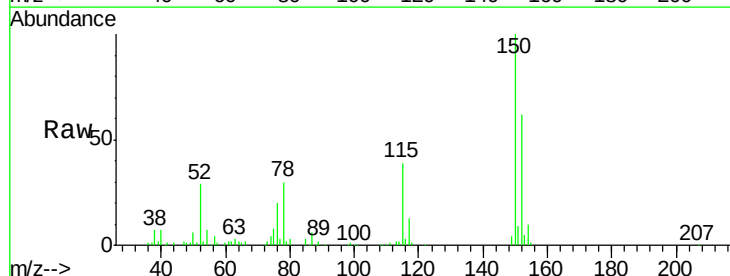
Tgt Ion:152 Resp: 71448

Ion Ratio Lower Upper

152 100

115 62.9 31.0 93.0

150 159.1 0.0 351.8



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

