

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061849.D
 Acq On : 17 Jun 2020 15:27
 Operator : JC/MD
 Sample : L2989-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20200610

Quant Time: Jun 18 04:54:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

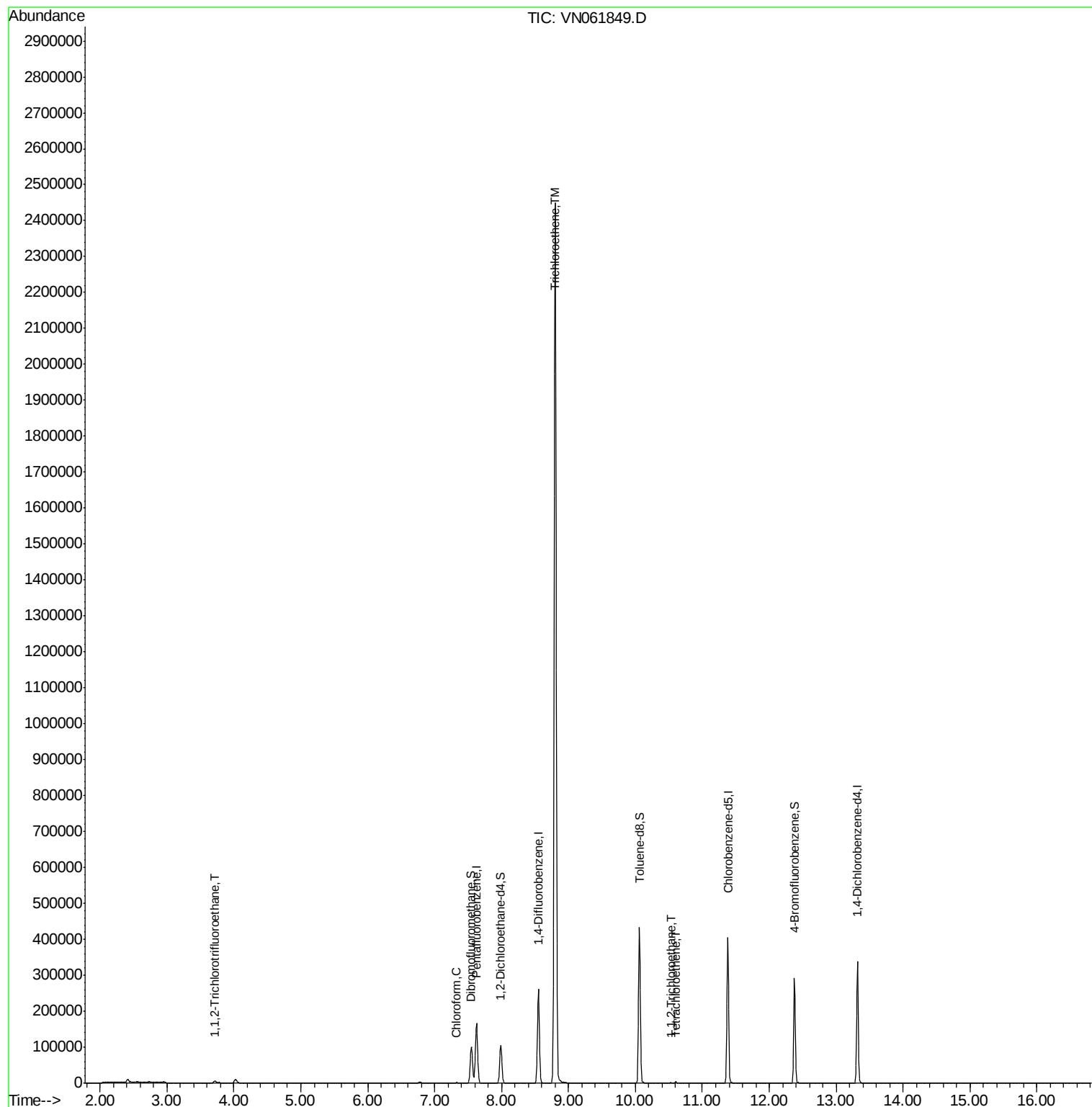
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	136729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	93961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	89336	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	7.55	113	79130	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.06	98	307496	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.38	95	103706	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	3632	2.620	ug/l	98
30) Chloroform	7.32	83	1728	0.586	ug/l	99
44) Trichloroethene	8.80	130	918302	511.293	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	474	0.281	ug/l #	84
64) Tetrachloroethene	10.60	164	864	0.566	ug/l #	78

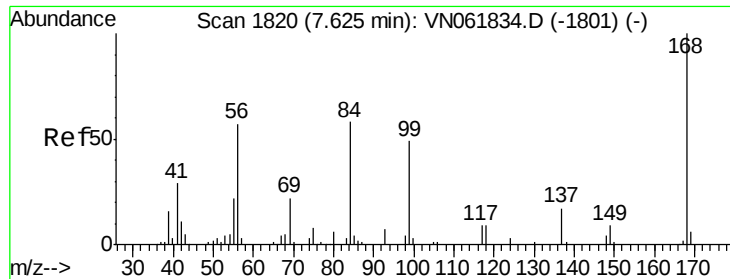
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 01:19:44 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: VN061849.D

Acq: 17 Jun 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

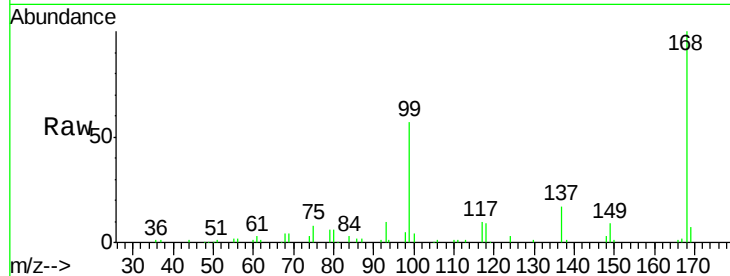
RE103D2-20200610

Tot Ion:168 Resp: 136729

Ion Ratio Lower Upper

168 100

99 56.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

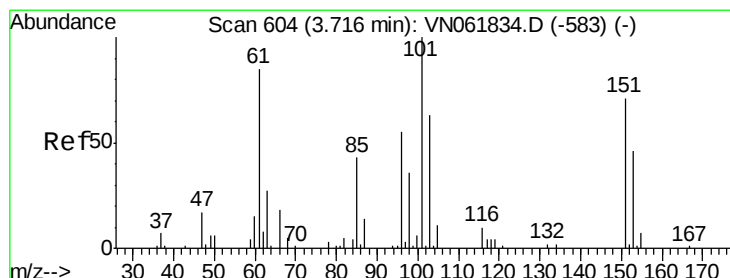
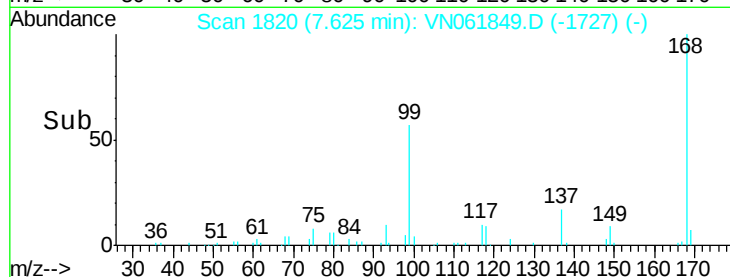
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.620 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061849.D

Acq: 17 Jun 2020 15:27

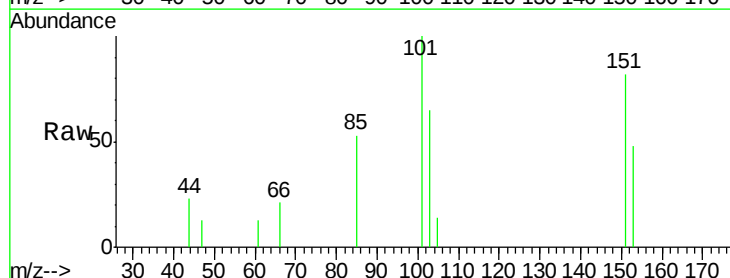
Tgt Ion:101 Resp: 3632

Ion Ratio Lower Upper

101 100

85 41.5 35.0 52.6

151 75.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.72

1500

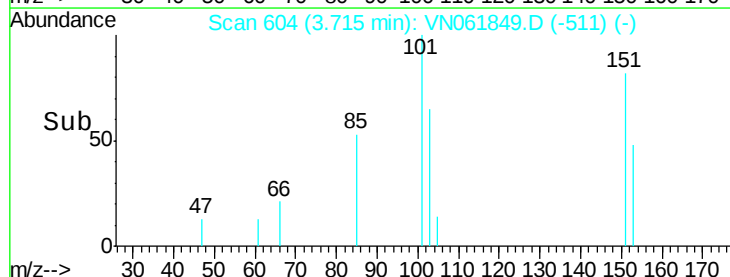
1000

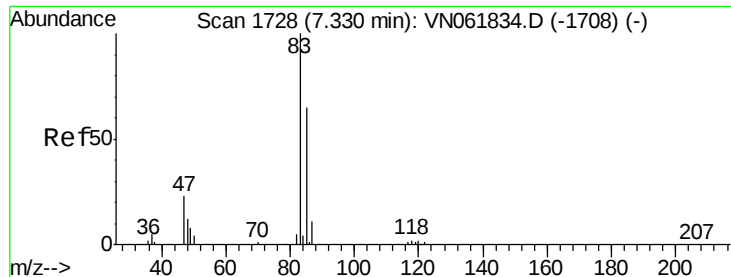
500

0

3.65 3.70 3.75 3.80

Time-->

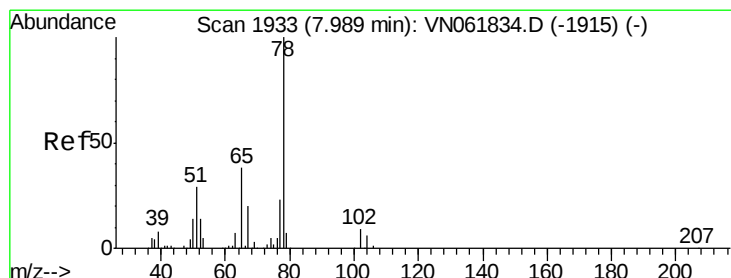
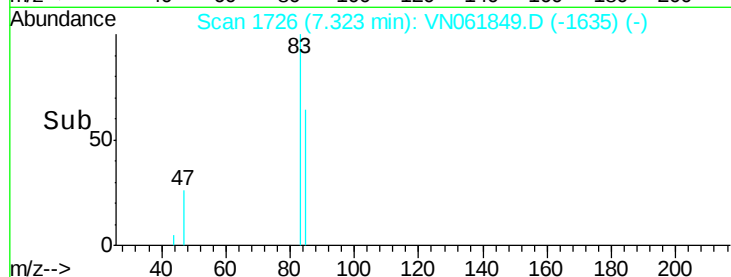
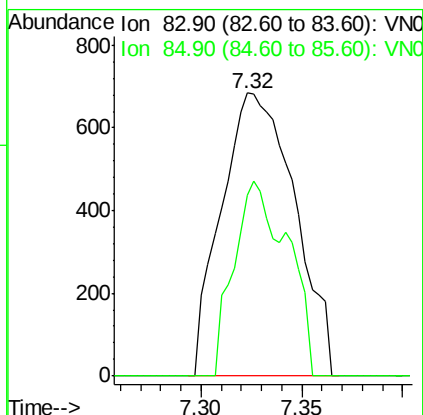
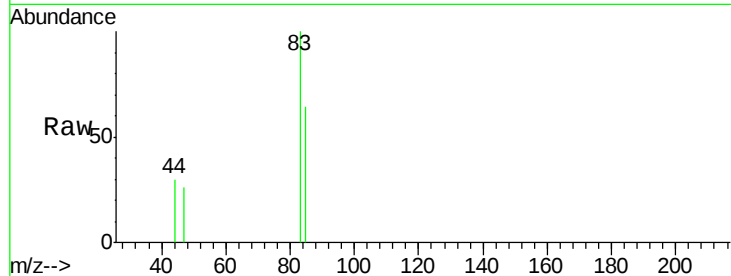




#30
Chloroform
Concen: 0.586 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061849.D
Acq: 17 Jun 2020 15:27

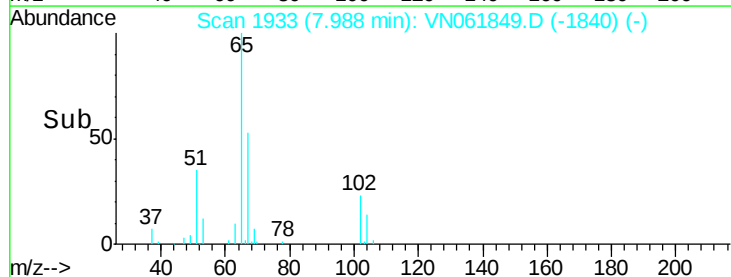
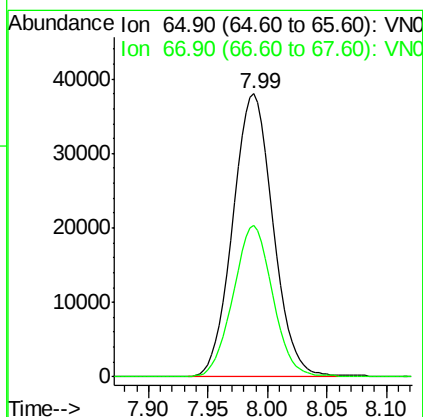
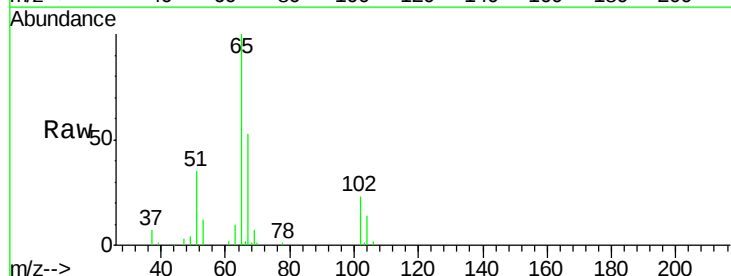
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ClientSampleId :
RE103D2-20200610

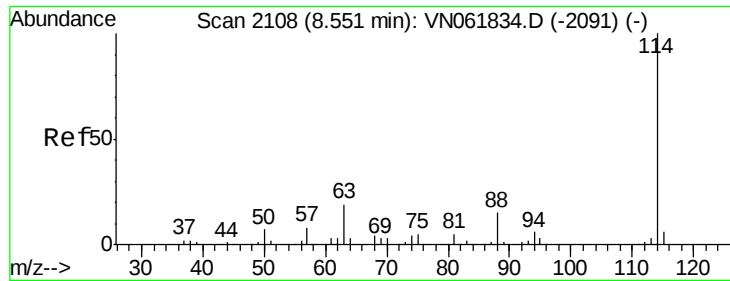
Tot Ion: 83 Resp: 1728
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.718 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061849.D
Acq: 17 Jun 2020 15:27

Tgt Ion: 65 Resp: 89336
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2

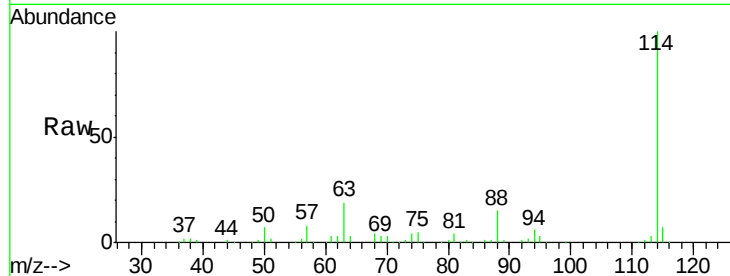




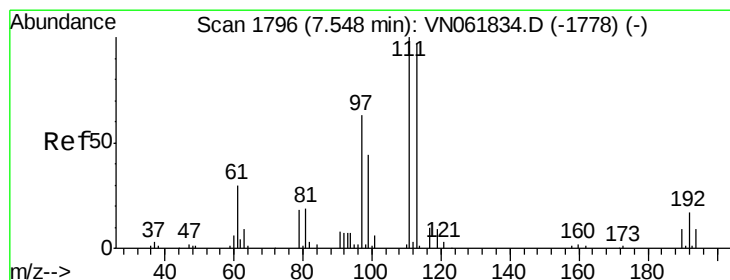
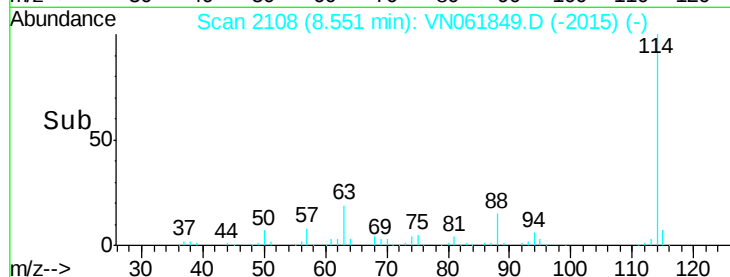
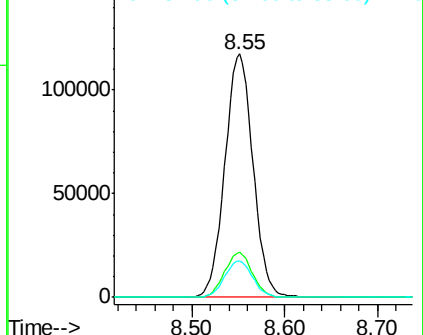
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061849.D
 Acq: 17 Jun 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20200610

Tot Ion:114 Resp: 246997
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.6
 88 15.0 0.0 31.0

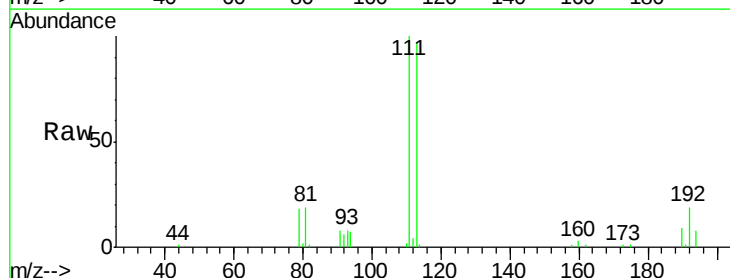


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

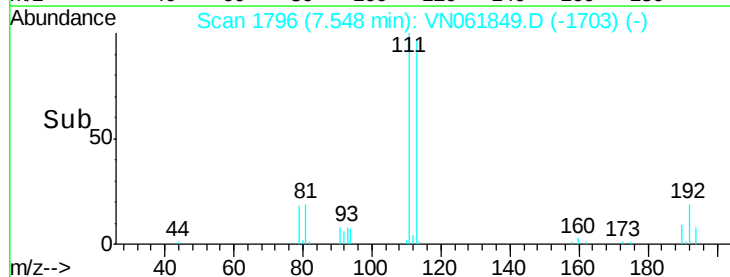
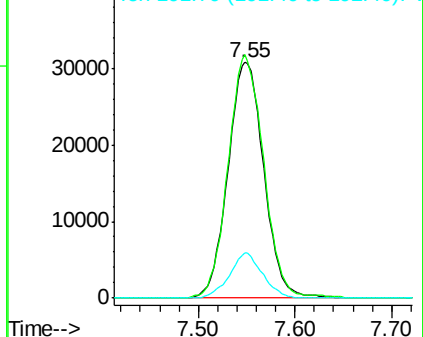


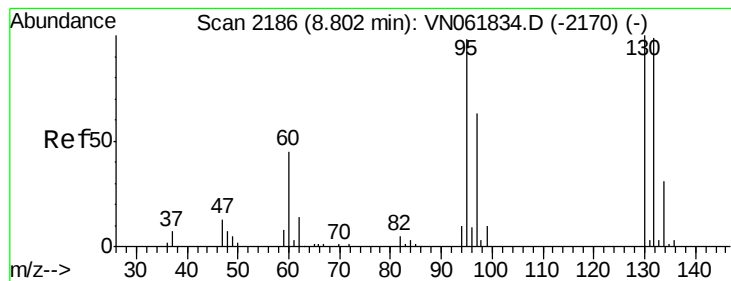
#35
 Dibromofluoromethane
 Concen: 50.077 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061849.D
 Acq: 17 Jun 2020 15:27

Tgt Ion:113 Resp: 79130
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.7 125.5
 192 17.5 13.9 20.9



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: 511.293 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061849.D

Acq: 17 Jun 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

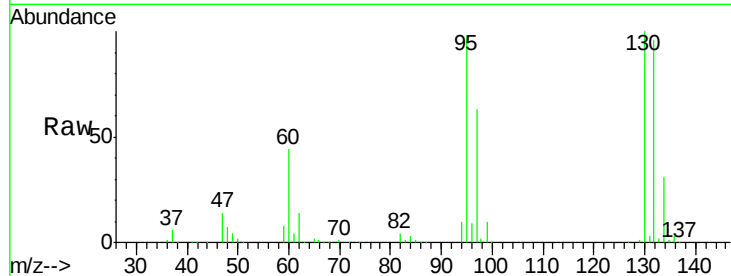
RE103D2-20200610

Tot Ion:130 Resp: 918302

Ion Ratio Lower Upper

130 100

95 97.5 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

400000

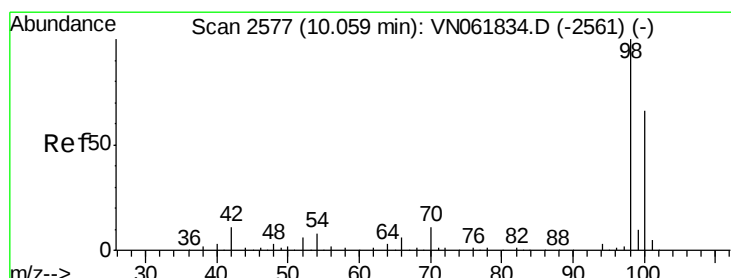
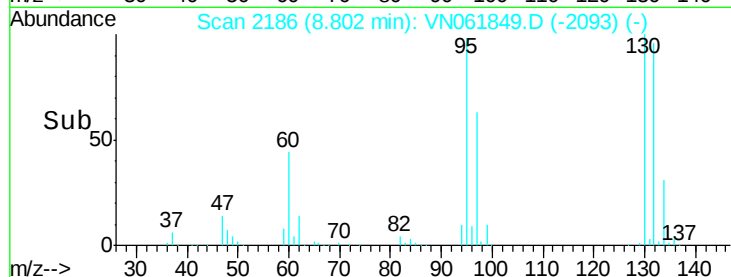
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 49.498 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061849.D

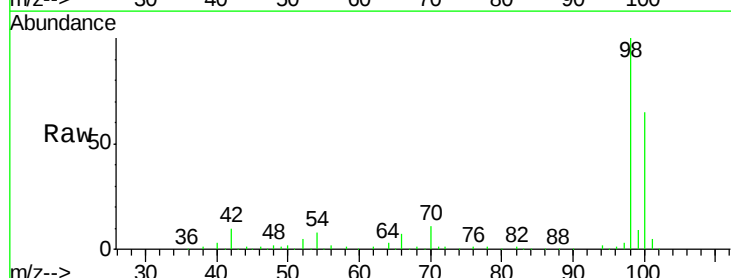
Acq: 17 Jun 2020 15:27

Tgt Ion: 98 Resp: 307496

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

200000

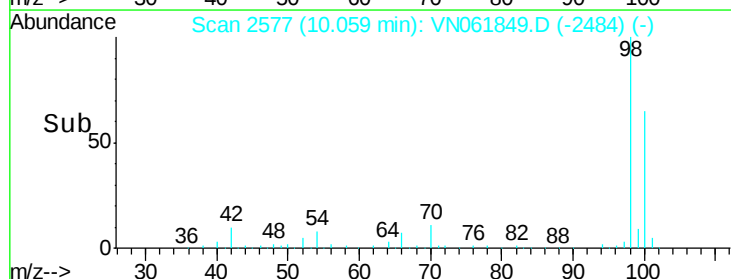
150000

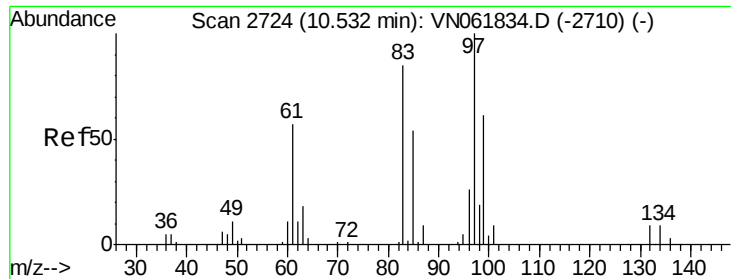
100000

50000

0

Time-->

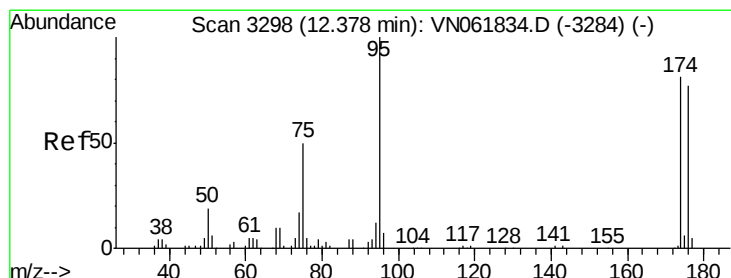
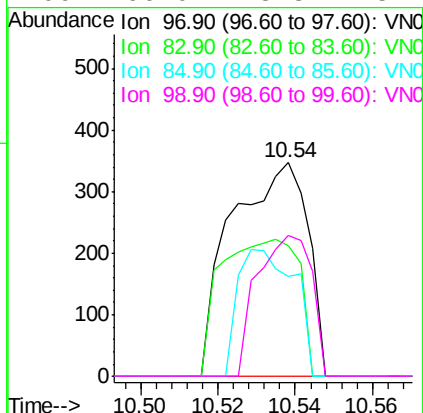
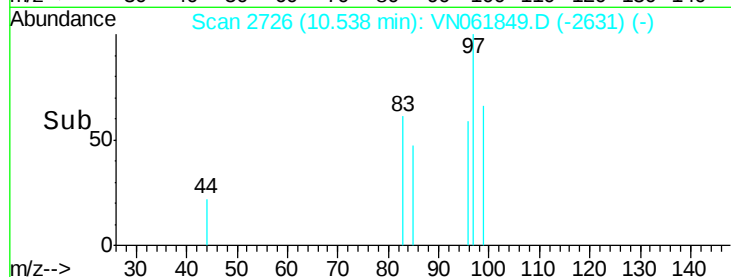
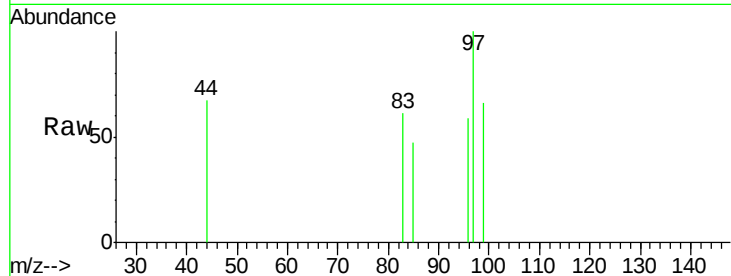




#55
 1,1,2-Trichloroethane
 Concen: 0.281 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.01 min
 Lab File: VN061849.D
 Acq: 17 Jun 2020 15:27

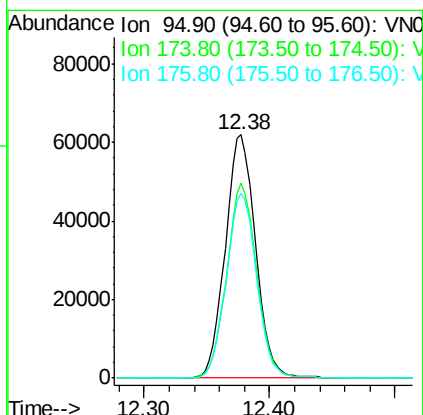
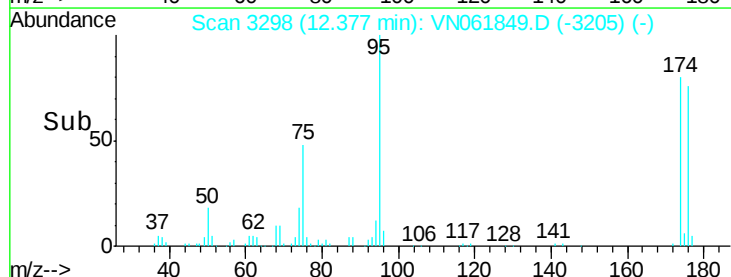
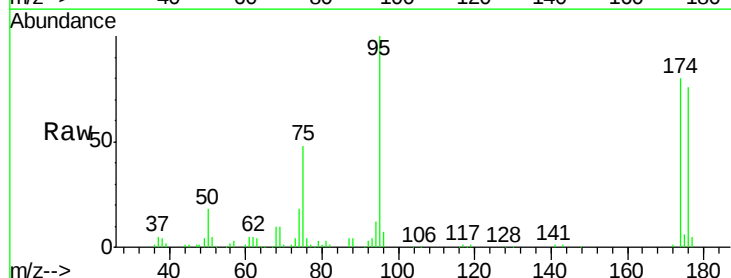
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 ClientSampleId :
 RE103D2-20200610

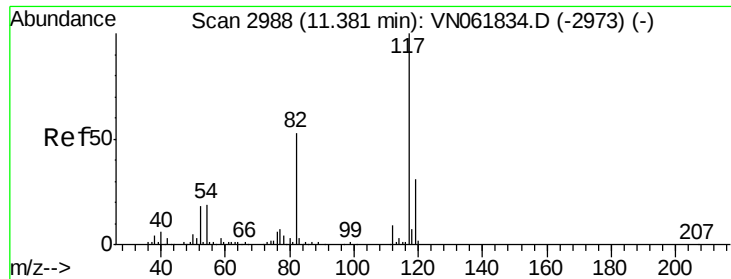
Tot Ion: 97 Resp: 474
 Ion Ratio Lower Upper
 97 100
 83 61.4 67.7 101.5#
 85 46.7 43.4 65.0
 99 66.0 48.8 73.2



#62
 4-Bromofluorobenzene
 Concen: 48.668 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061849.D
 Acq: 17 Jun 2020 15:27

Tgt Ion: 95 Resp: 103706
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 158.6
 176 75.9 0.0 152.0

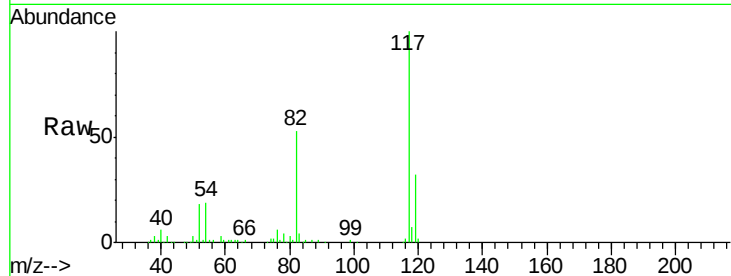




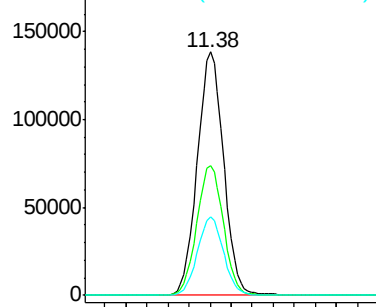
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061849.D
Acq: 17 Jun 2020 15:27

Instrument :
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ClientSampleId :
RE103D2-20200610

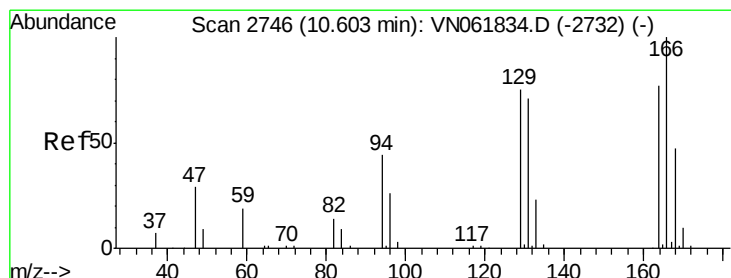
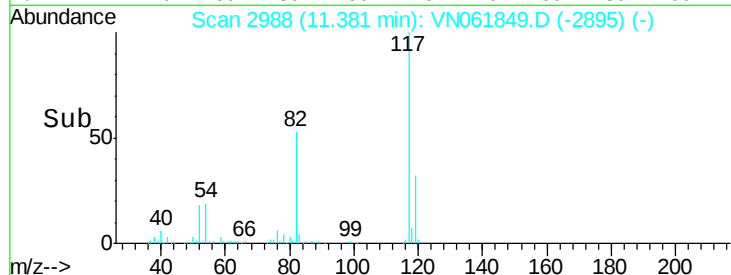
Tot Ion:117 Resp: 239672
Ion Ratio Lower Upper
117 100
82 53.4 42.6 64.0
119 32.3 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

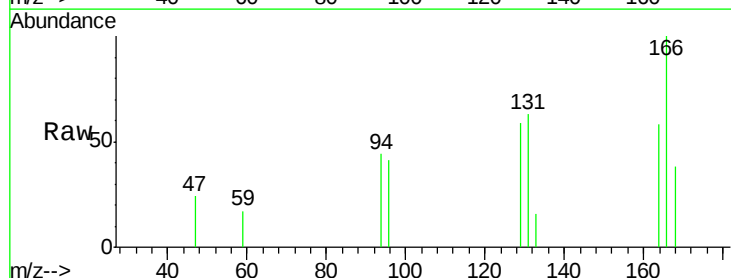


Time-->

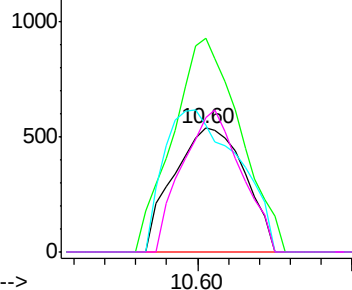


#64
Tetrachloroethene
Concen: 0.566 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061849.D
Acq: 17 Jun 2020 15:27

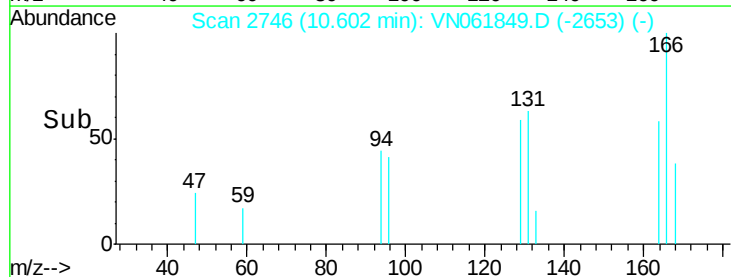
Tgt Ion:164 Resp: 864
Ion Ratio Lower Upper
164 100
166 172.8 103.5 155.3#
129 102.4 77.5 116.3
131 108.8 73.8 110.8

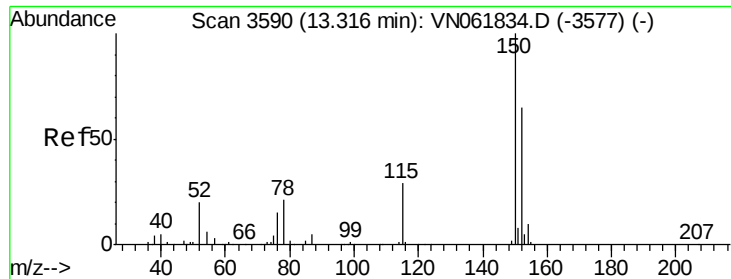


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



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: VN061849.D

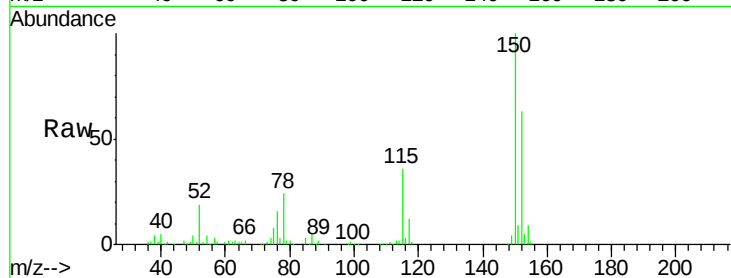
Acq: 17 Jun 2020 15:27

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RE103D2-20200610



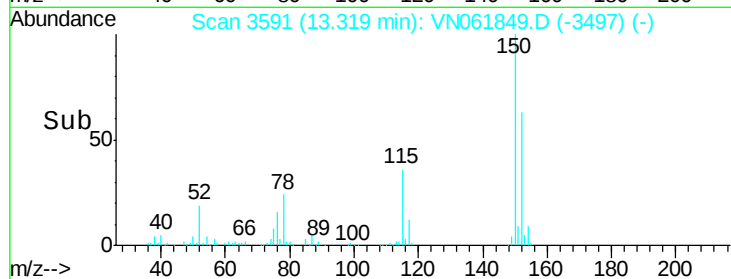
Tot Ion:152 Resp: 93961

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 158.0 0.0 347.6



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

