

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061899.D
 Acq On : 18 Jun 2020 14:50
 Operator : JC/MD
 Sample : L3011-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20200612

Quant Time: Jun 19 13:08:44 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

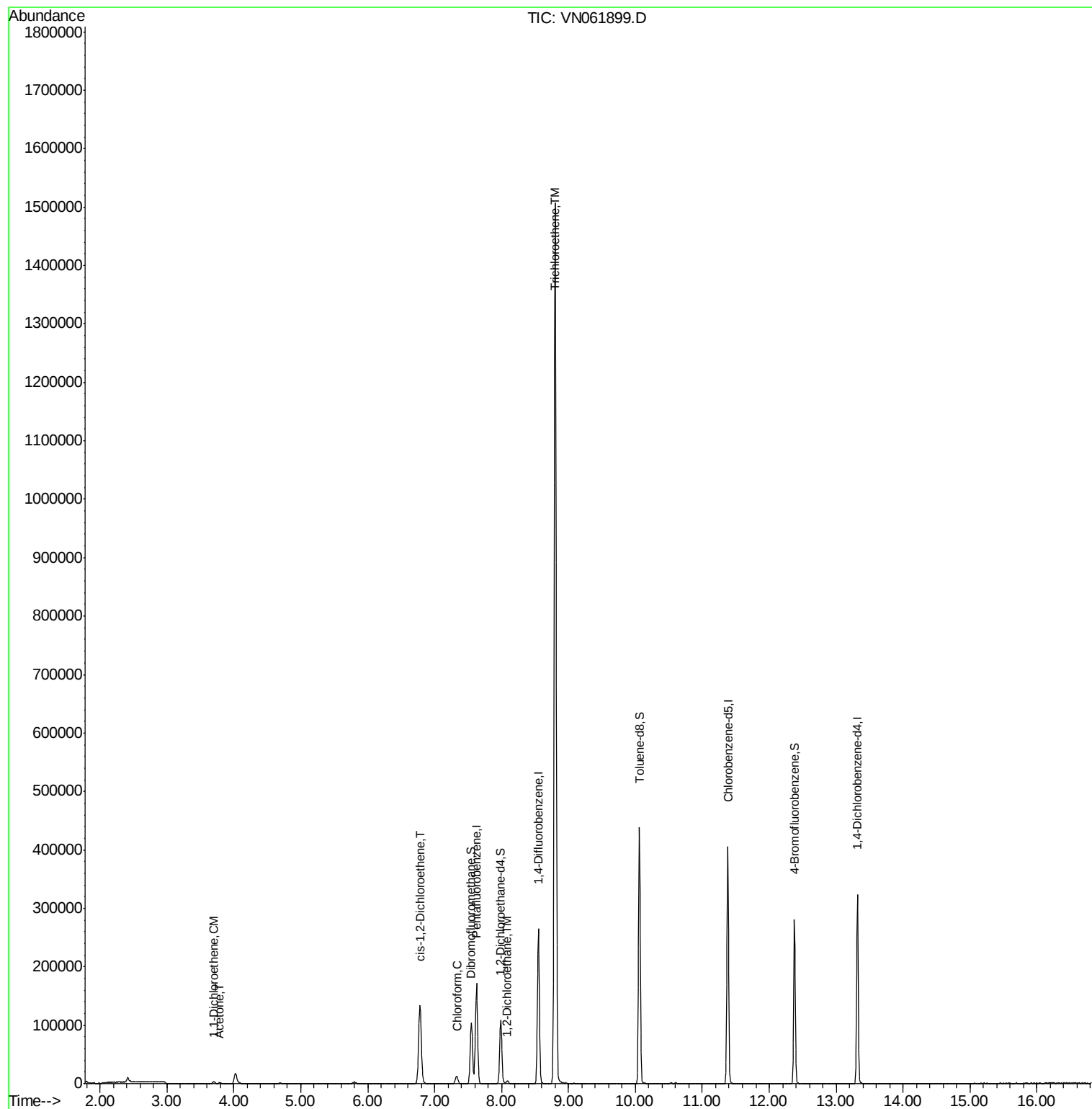
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90867	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
35) Dibromofluoromethane	7.55	113	81137	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.06	98	311673	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.38	95	101207	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
Target Compounds						
12) 1,1-Dichloroethene	3.70	96	1997	1.420	ug/l	80
16) Acetone	3.79	43	2246	4.095	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	90049	48.303	ug/l	89
30) Chloroform	7.33	83	14654	4.906	ug/l	92
42) 1,2-Dichloroethane	8.08	62	4787	2.019	ug/l	84
44) Trichloroethene	8.80	130	568447	310.689	ug/l	98

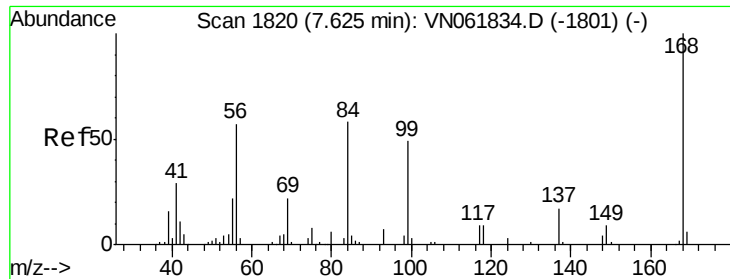
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
Data File : VN061899.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
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: VN061899.D

Acq: 18 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

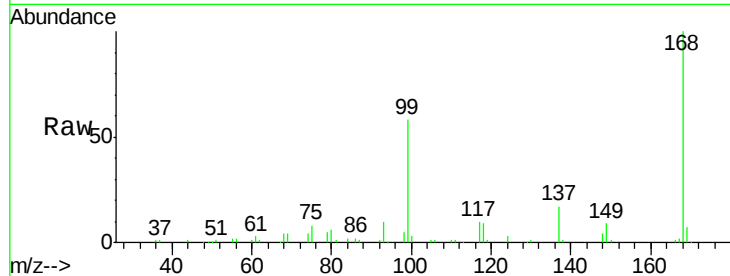
RE104D2-20200612

Tot Ion:168 Resp: 138441

Ion Ratio Lower Upper

168 100

99 58.1 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

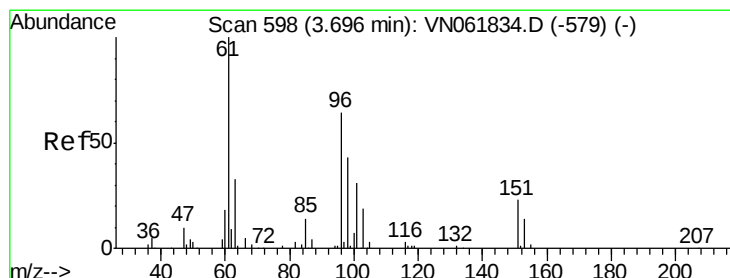
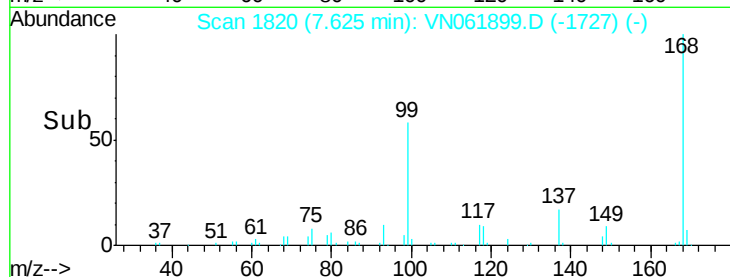
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#12

1,1-Dichloroethene

Concen: 1.420 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN061899.D

Acq: 18 Jun 2020 14:50

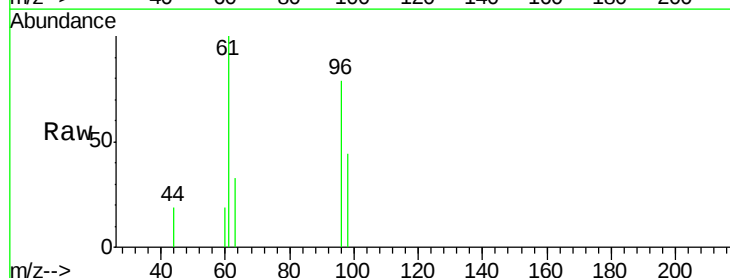
Tgt Ion: 96 Resp: 1997

Ion Ratio Lower Upper

96 100

61 125.8 124.3 186.5

98 55.6 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

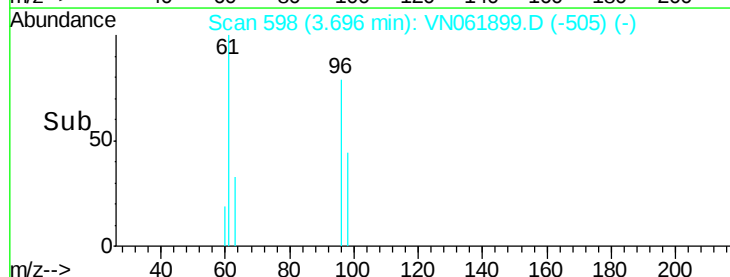
1500

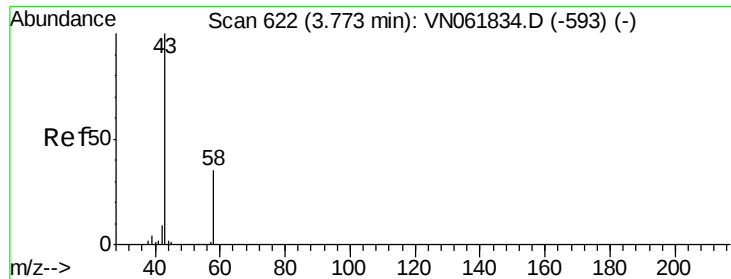
1000

500

0

Time--> 3.65 3.70 3.75





#16

Acetone

Concen: 4.095 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061899.D

Acq: 18 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

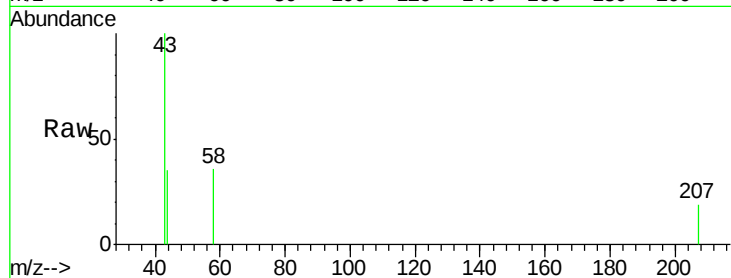
RE104D2-20200612

Tot Ion: 43 Resp: 2246

Ion Ratio Lower Upper

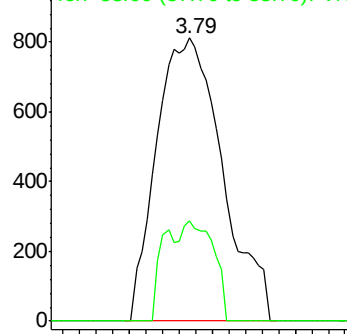
43 100

58 35.6 27.8 41.8

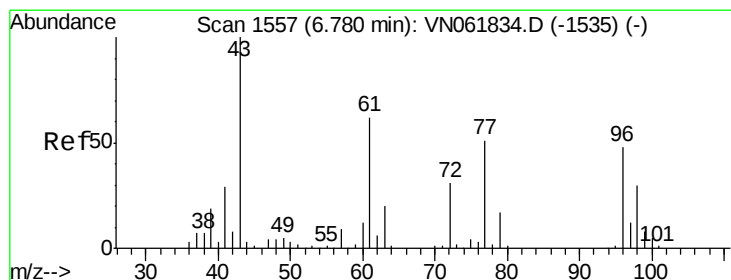
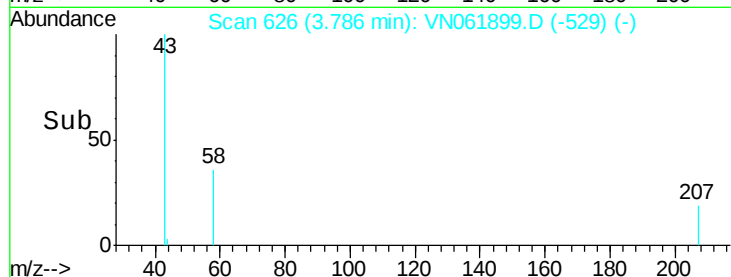


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 48.303 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061899.D

Acq: 18 Jun 2020 14:50

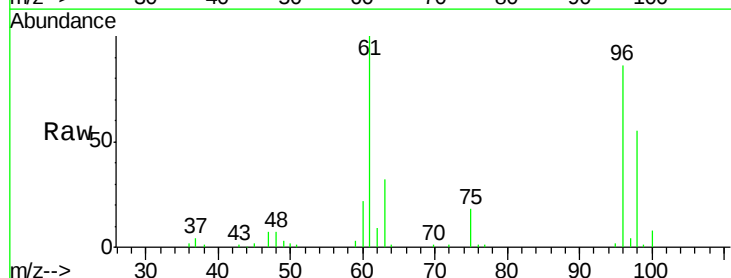
Tgt Ion: 96 Resp: 90049

Ion Ratio Lower Upper

96 100

61 114.8 0.0 265.6

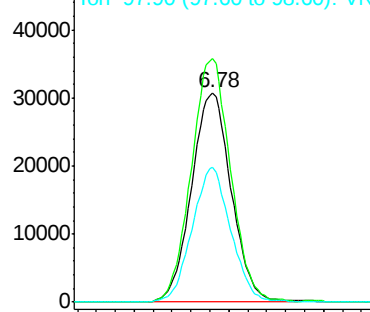
98 62.3 0.0 128.2



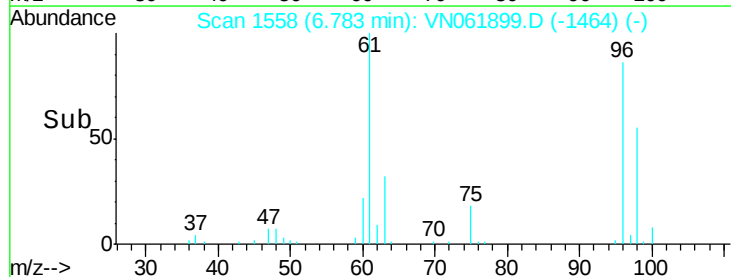
Abundance Ion 95.90 (95.60 to 96.60): VN0

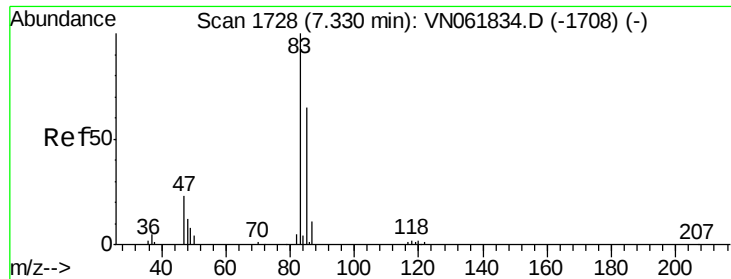
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->

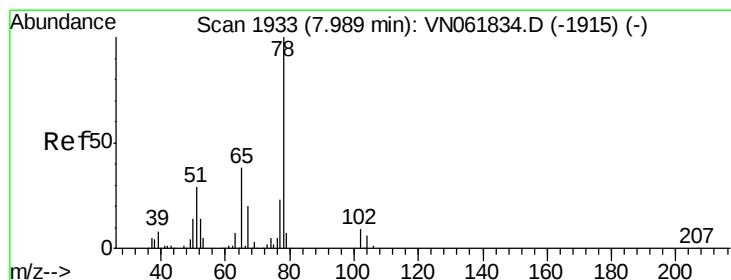
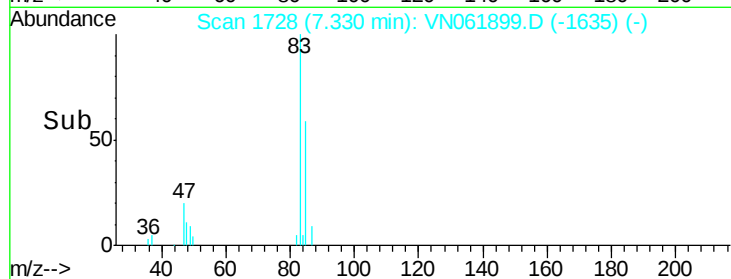
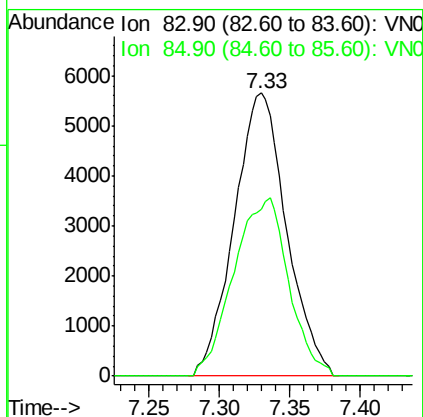
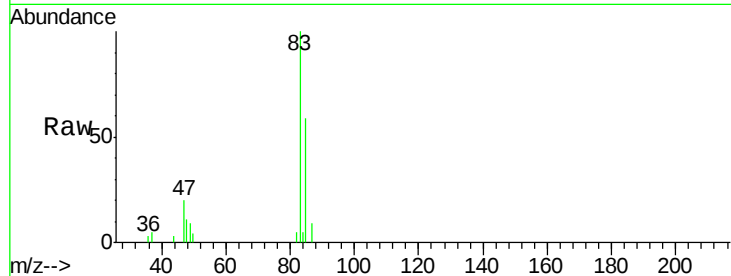




#30
Chloroform
Concen: 4.906 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061899.D
Acq: 18 Jun 2020 14:50

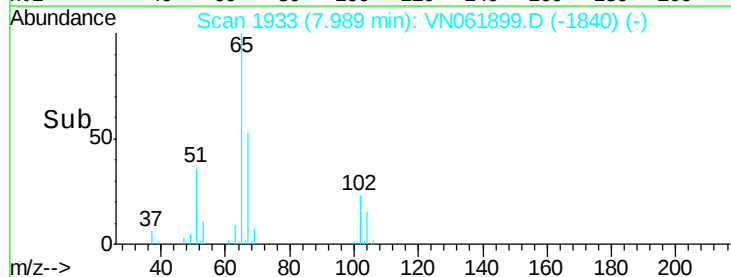
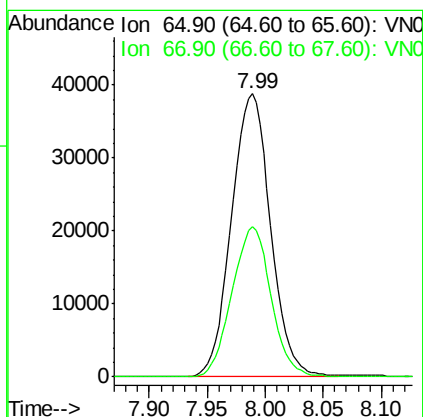
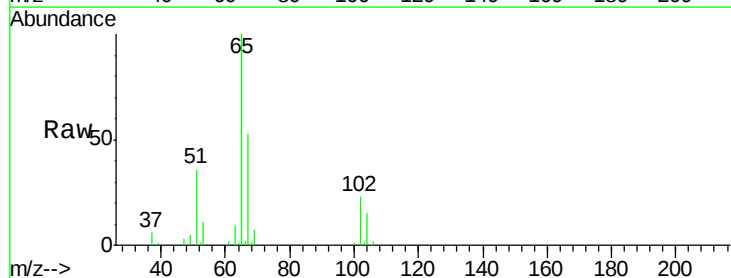
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20200612

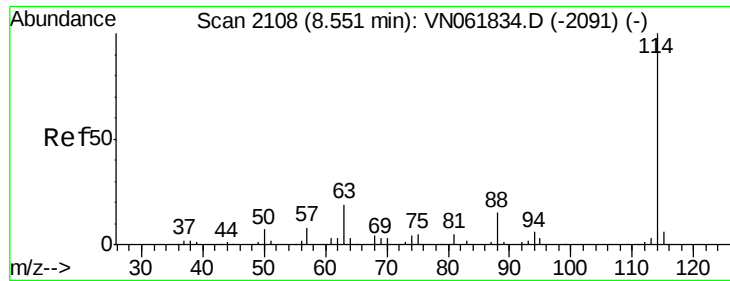
Tot Ion: 83 Resp: 14654
Ion Ratio Lower Upper
83 100
85 58.9 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.940 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061899.D
Acq: 18 Jun 2020 14:50

Tgt Ion: 65 Resp: 90867
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.2

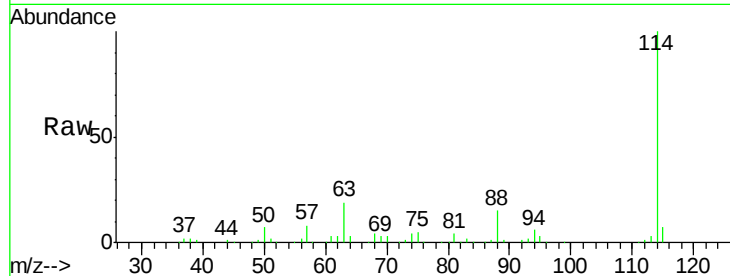




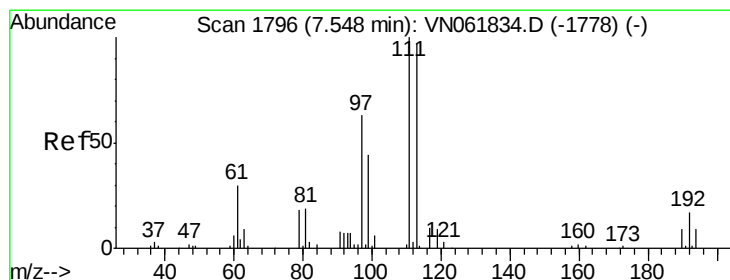
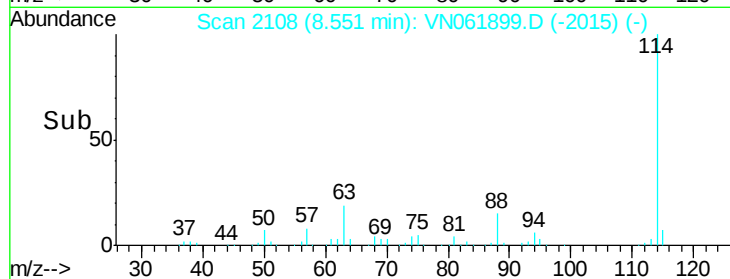
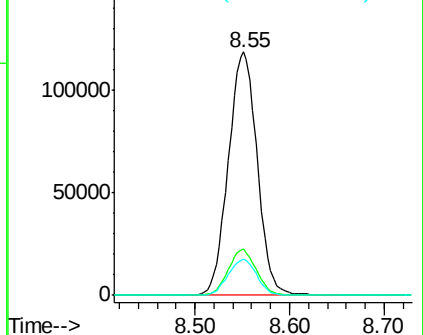
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061899.D
 Acq: 18 Jun 2020 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20200612

Tot Ion:114 Resp: 251617
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 14.7 0.0 31.0

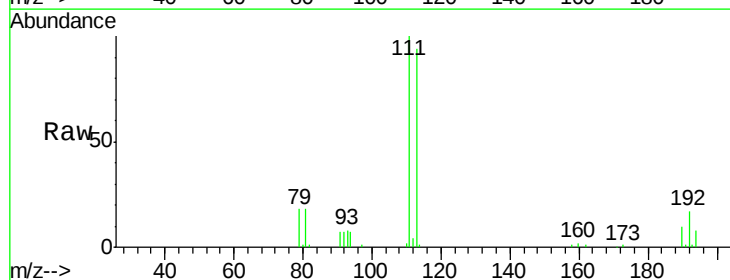


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

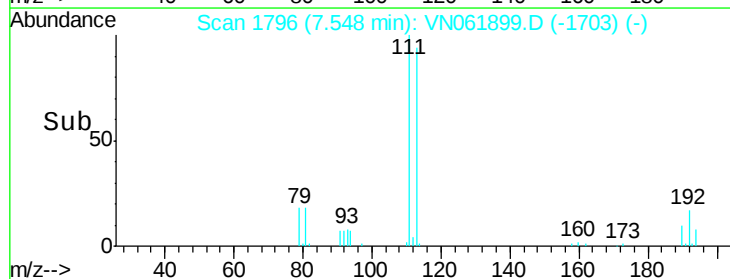
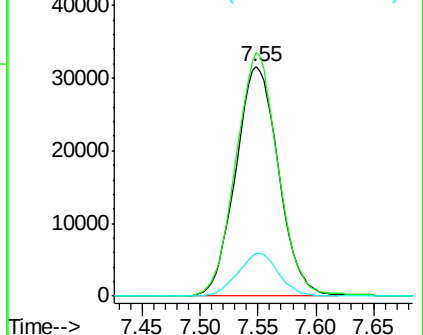


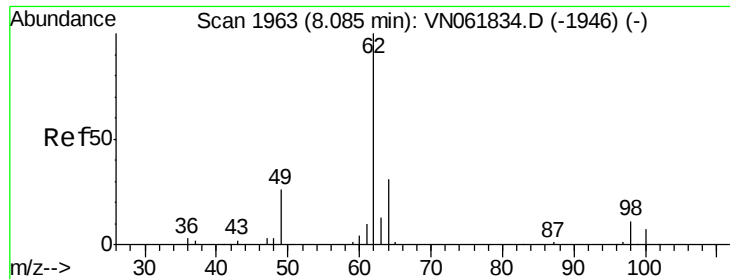
#35
 Dibromofluoromethane
 Concen: 50.405 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061899.D
 Acq: 18 Jun 2020 14:50

Tgt Ion:113 Resp: 81137
 Ion Ratio Lower Upper
 113 100
 111 104.5 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





#42

1,2-Dichloroethane

Concen: 2.019 ug/l

RT: 8.08 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VN061899.D

Acq: 18 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

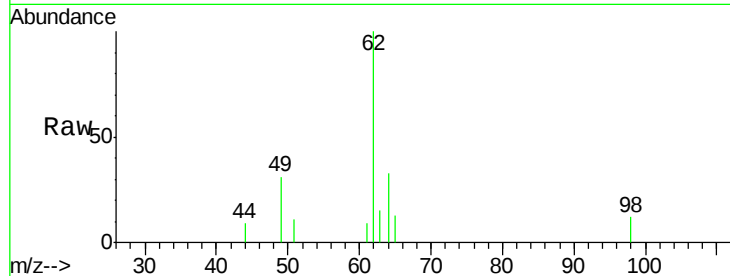
RE104D2-20200612

Tot Ion: 62 Resp: 4787

Ion Ratio Lower Upper

62 100

98 4.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VN061834.D (-1946) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1946) (-)

8.08

2500

2000

1500

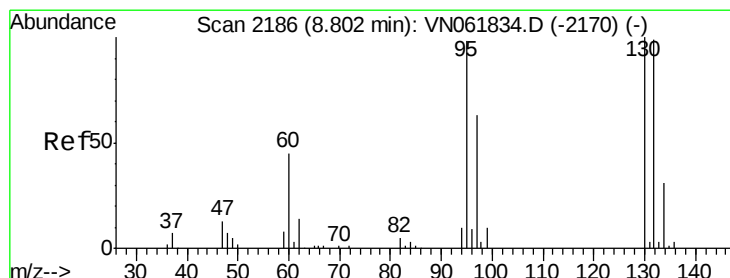
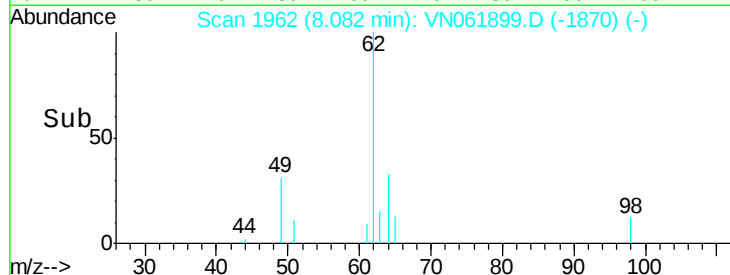
1000

500

0

8.05 8.10 8.15

Time-->



#44

Trichloroethene

Concen: 310.689 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061899.D

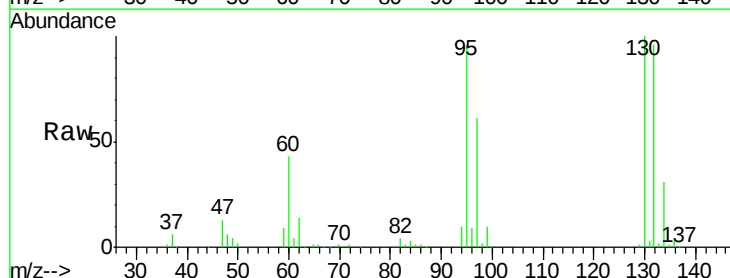
Acq: 18 Jun 2020 14:50

Tgt Ion:130 Resp: 568447

Ion Ratio Lower Upper

130 100

95 96.0 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80

300000

250000

200000

150000

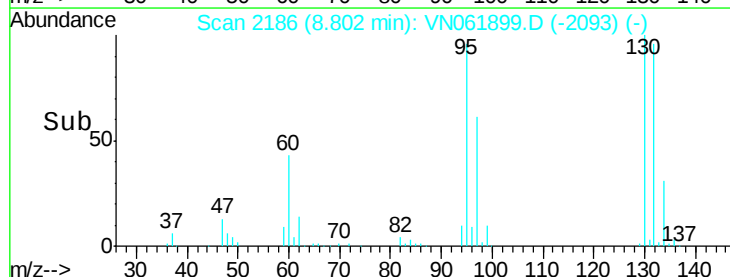
100000

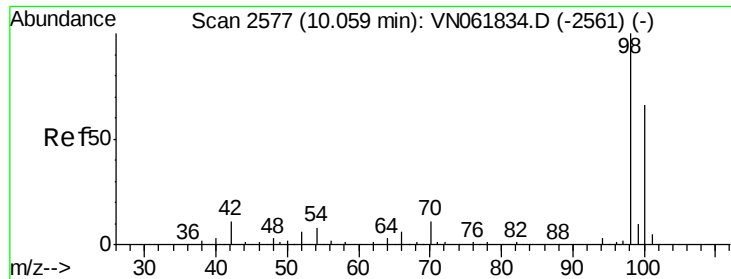
50000

0

8.70 8.80 8.90

Time-->





#50

Toluene-d8

Concen: 49.250 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061899.D

Acq: 18 Jun 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

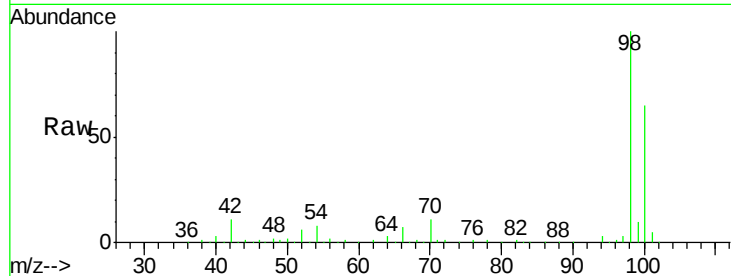
RE104D2-20200612

Tot Ion: 98 Resp: 311673

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

200000

150000

100000

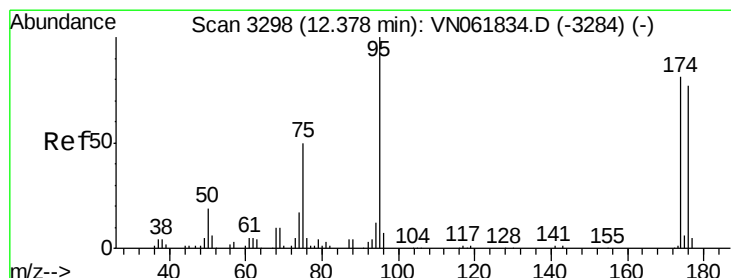
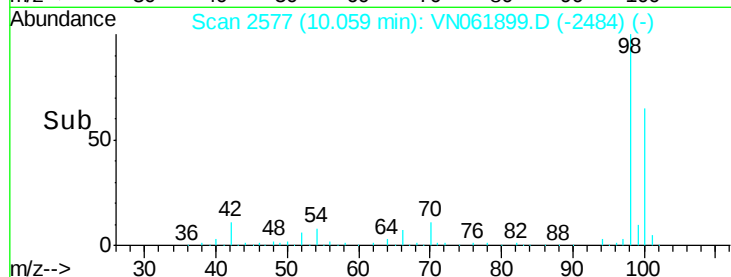
50000

0

10.06

10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 46.623 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061899.D

Acq: 18 Jun 2020 14:50

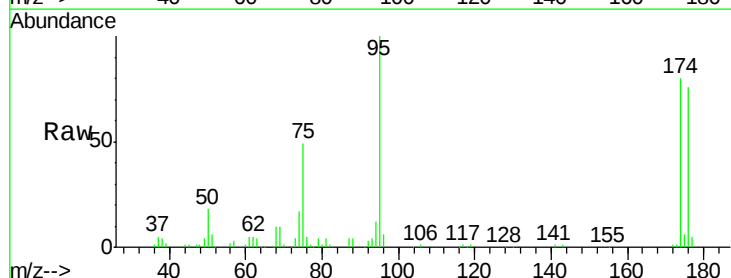
Tgt Ion: 95 Resp: 101207

Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.6

176 74.0 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

80000

60000

40000

20000

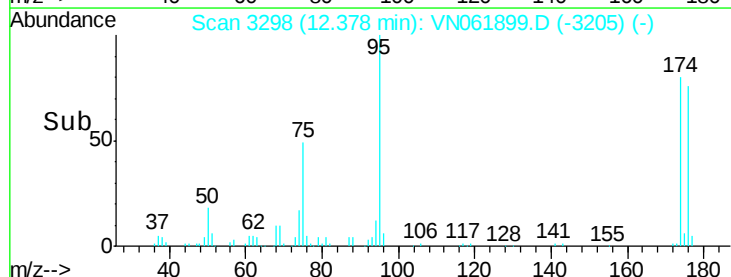
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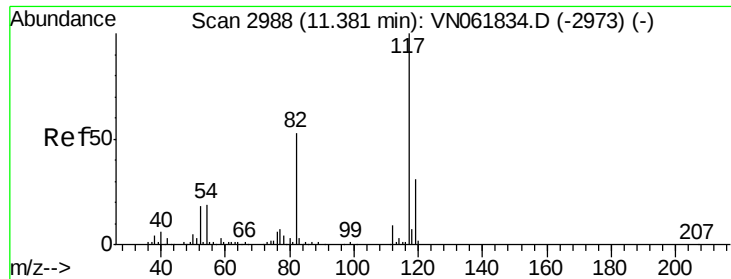
12.38

12.40

12.50

Time-->

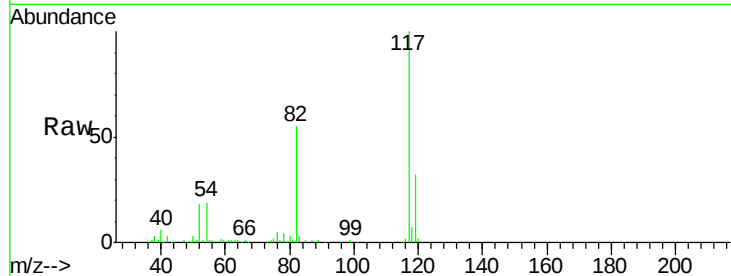




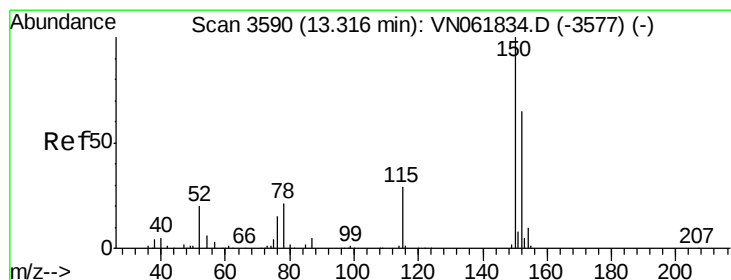
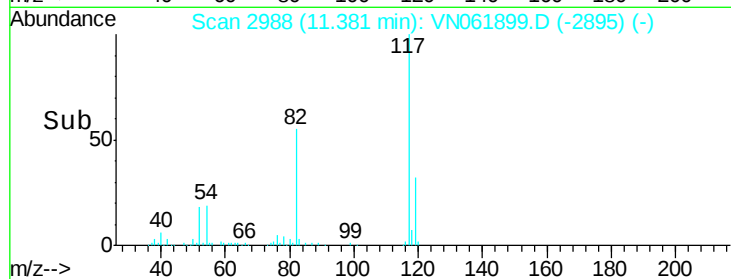
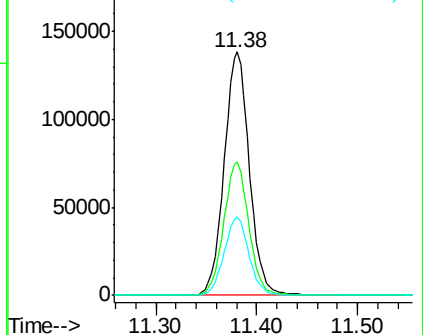
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061899.D
Acq: 18 Jun 2020 14:50

Instrument :
MSVOA_N
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RE104D2-20200612

Tot Ion:117 Resp: 239808
Ion Ratio Lower Upper
117 100
82 54.8 42.6 64.0
119 32.3 24.7 37.1

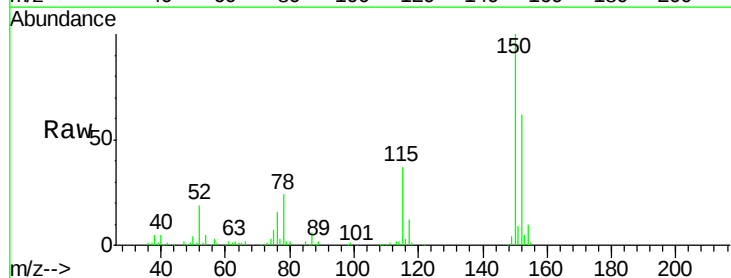


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061899.D
Acq: 18 Jun 2020 14:50

Tgt Ion:152 Resp: 89450
Ion Ratio Lower Upper
152 100
115 61.0 29.1 87.3
150 161.3 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

