

Data Path : W:\HPCHEM1\MSVOA\_V\DATA\VV050318\  
 Data File : VV005763.D  
 Acq On : 03 May 2018 15:25  
 Operator : SY/MD  
 Sample : J2594-18DL 4X  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:35:38 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVTR043018WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 04 01:33:46 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 201812   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 195939   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 84879    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 67002    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.00% |
| 7) Chloroethane-d5             | 1.55   | 69    | 36703    | 3.28     | ug/L | -0.03   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 65.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 116541   | 3.91     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 150937   | 56.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.32% |
| 24) Chloroform-d               | 4.41   | 84    | 134358   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 78677    | 5.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 249286   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 80656    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.60% |
| 41) Toluene-d8                 | 7.37   | 98    | 226711   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 27186    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 107949   | 54.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 108.44% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 57608    | 5.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 111.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 84065    | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.40% |

## Target Compounds

|                                |      |     |       |      |        | Qvalue |
|--------------------------------|------|-----|-------|------|--------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 7529  | 0.47 | ug/L   | 92     |
| 12) 1,1-Dichloroethene         | 2.13 | 96  | 4836  | 0.34 | ug/L # | 1      |
| 13) Acetone                    | 2.20 | 43  | 8316  | 3.99 | ug/L   | 93     |
| 15) Methyl Acetate             | 2.47 | 43  | 1817  | 0.31 | ug/L # | 80     |
| 16) Methylene chloride         | 2.53 | 84  | 7628  | 0.47 | ug/L   | 95     |
| 17) Methyl tert-butyl Ether    | 2.82 | 73  | 14160 | 0.40 | ug/L   | 96     |
| 18) trans-1,2-Dichloroethene   | 2.78 | 96  | 3600  | 0.23 | ug/L   | 94     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 6913  | 0.24 | ug/L   | 91     |
| 21) 2-Butanone                 | 4.04 | 43  | 6165  | 2.11 | ug/L # | 60     |
| 22) cis-1,2-Dichloroethene     | 3.96 | 96  | 88504 | 5.90 | ug/L   | 98     |
| 25) Chloroform                 | 4.43 | 83  | 9403  | 0.33 | ug/L   | 98     |
| 27) 1,2-Dichloroethane         | 5.19 | 62  | 4885  | 0.27 | ug/L # | 94     |
| 34) Trichloroethene            | 5.96 | 95  | 68175 | 4.15 | ug/L   | 98     |
| 37) 1,2-Dichloropropane        | 6.23 | 63  | 3212  | 0.22 | ug/L # | 97     |
| 38) Bromodichloromethane       | 6.56 | 83  | 4382  | 0.23 | ug/L   | 97     |
| 39) cis-1,3-Dichloropropene    | 7.08 | 75  | 4028  | 0.20 | ug/L   | 96     |
| 40) 4-Methyl-2-pentanone       | 7.29 | 43  | 7641  | 1.03 | ug/L # | 90     |

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 ALS Vial : 1 Sample Multiplier: 1

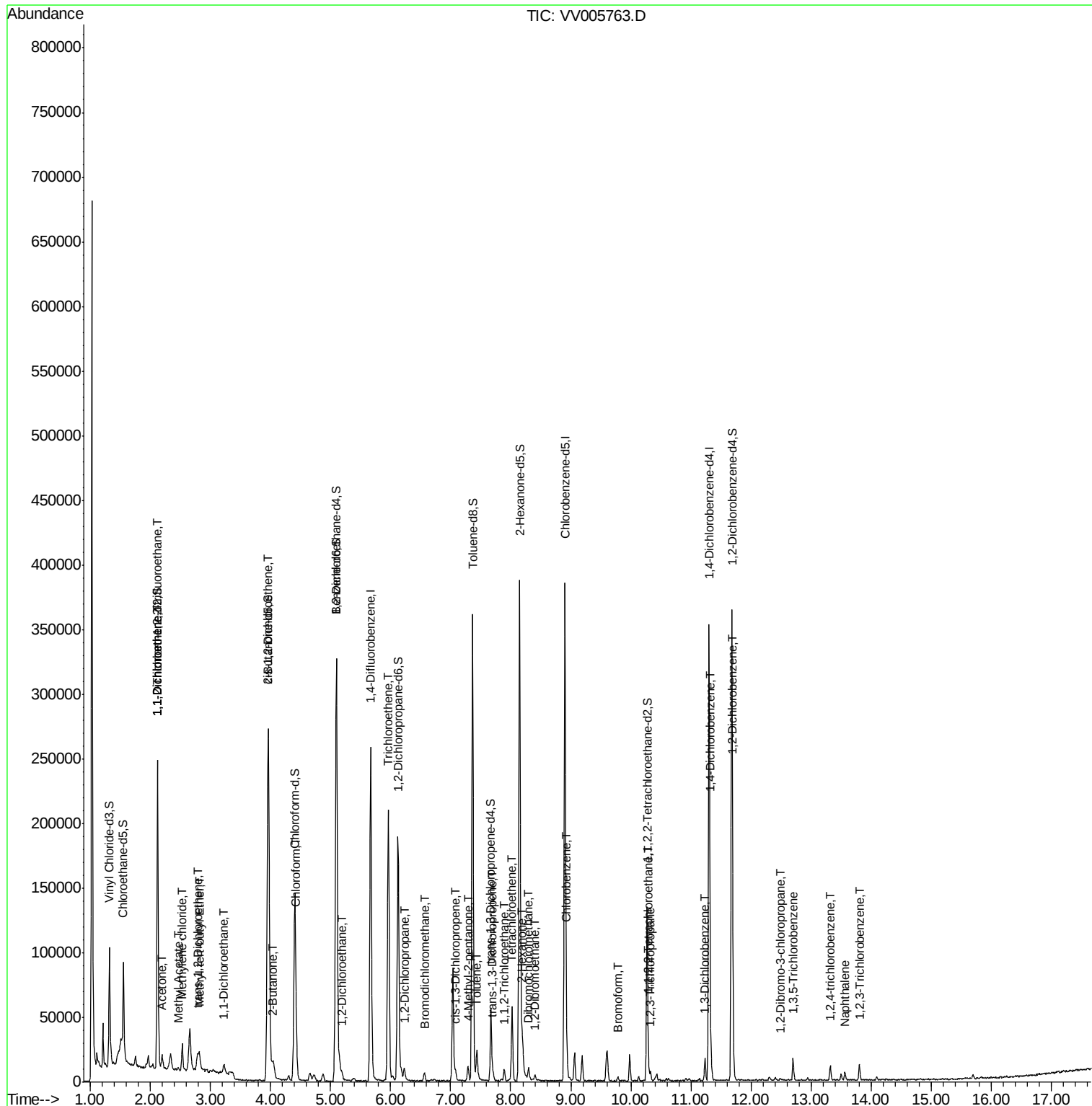
Quant Time: May 04 01:35:38 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVTR043018WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 04 01:33:46 2018  
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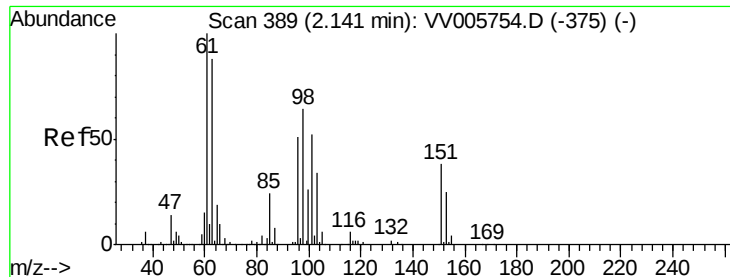
| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| -----                          |       |      |          |      |        |          |
| 42) Toluene                    | 7.44  | 91   | 13898    | 0.23 | ug/L   | 93       |
| 44) trans-1,3-Dichloropropene  | 7.70  | 75   | 3893     | 0.24 | ug/L   | 84       |
| 45) 1,1,2-Trichloroethane      | 7.89  | 97   | 2419     | 0.25 | ug/L # | 75       |
| 47) Tetrachloroethene          | 8.03  | 164  | 11205    | 0.93 | ug/L   | 96       |
| 48) 2-Hexanone                 | 8.20  | 43   | 15840    | 3.04 | ug/L # | 92       |
| 49) Dibromochloromethane       | 8.30  | 129  | 2939     | 0.26 | ug/L   | 96       |
| 50) 1,2-Dibromoethane          | 8.40  | 107  | 2000     | 0.23 | ug/L # | 84       |
| 51) Chlorobenzene              | 8.93  | 112  | 11750    | 0.29 | ug/L   | 95       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.30 | 83   | 3404     | 0.33 | ug/L # | 84       |
| 59) 1,2,3-Trichloropropane     | 10.32 | 75   | 2491     | 0.31 | ug/L # | 83       |
| 61) Bromoform                  | 9.78  | 173  | 1295     | 0.26 | ug/L # | 96       |
| 62) 1,3-Dichlorobenzene        | 11.23 | 146  | 6257     | 0.23 | ug/L   | 94       |
| 63) 1,4-Dichlorobenzene        | 11.32 | 146  | 8282     | 0.29 | ug/L   | 96       |
| 65) 1,2-Dichlorobenzene        | 11.70 | 146  | 8044     | 0.31 | ug/L # | 86       |
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75   | 450      | 0.29 | ug/L # | 78       |
| 67) 1,3,5-Trichlorobenzene     | 12.70 | 180  | 4315     | 0.21 | ug/L   | 90       |
| 68) 1,2,4-trichlorobenzene     | 13.32 | 180  | 3364     | 0.23 | ug/L   | 89       |
| 69) Naphthalene                | 13.56 | 128  | 5133     | 0.23 | ug/L   | 98       |
| 70) 1,2,3-Trichlorobenzene     | 13.80 | 180  | 3381     | 0.24 | ug/L   | 99       |
| -----                          |       |      |          |      |        |          |

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.47 ug/L

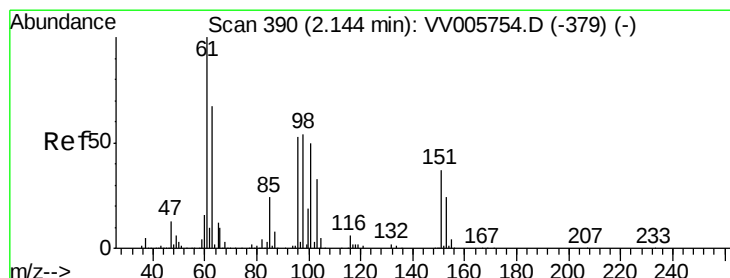
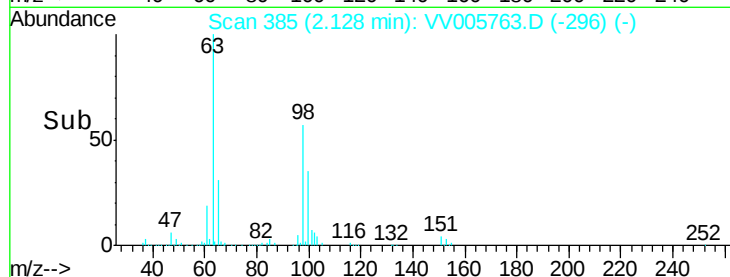
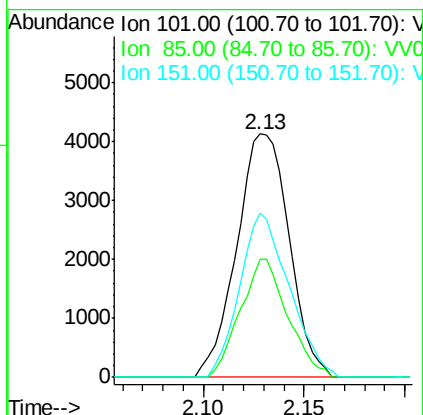
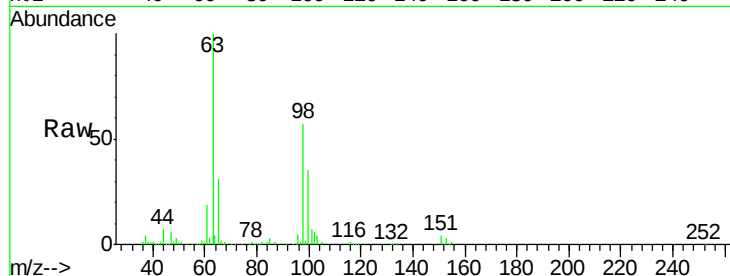
RT: 2.13 min Scan# 385

Delta R.T. -0.01 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 7529  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.8  | 36.6  | 55.0  |
| 151      | 63.7  | 58.4  | 87.6  |



#12

1,1-Dichloroethene

Concen: 0.34 ug/L

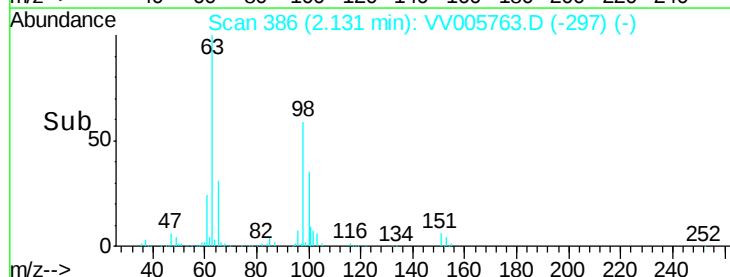
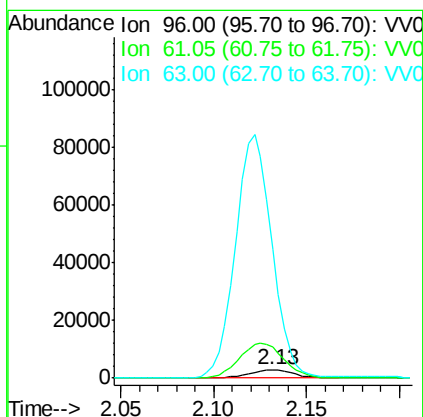
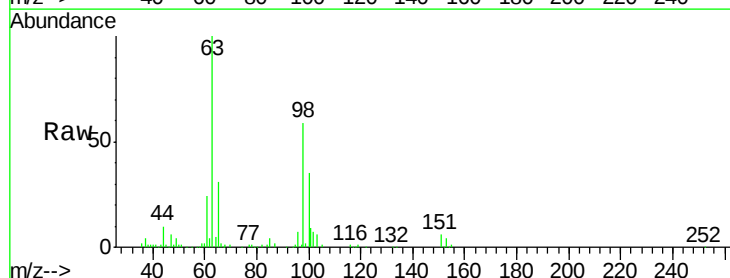
RT: 2.13 min Scan# 386

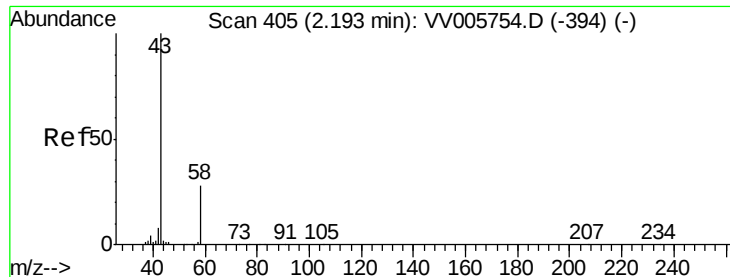
Delta R.T. -0.01 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

|          |        |       |        |
|----------|--------|-------|--------|
| Tgt Ion: | 96     | Resp: | 4836   |
| Ion      | Ratio  | Lower | Upper  |
| 96       | 100    |       |        |
| 61       | 362.1  | 128.9 | 239.3# |
| 63       | 1524.6 | 83.2  | 154.6# |





#13

Acetone

Concen: 3.99 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV005763.D

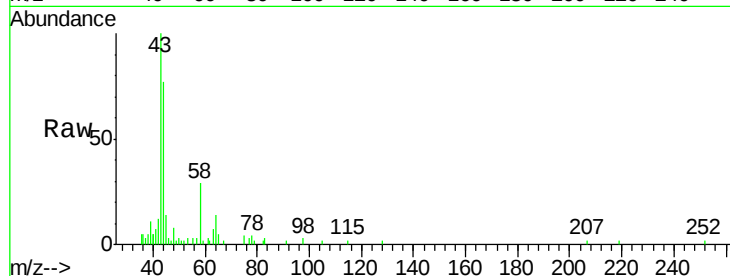
Acq: 03 May 2018 15:25

Tgt Ion: 43 Resp: 8316

Ion Ratio Lower Upper

43 100

58 32.6 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV005763.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV005763.D (-312) (-)

2.20

6000

5000

4000

3000

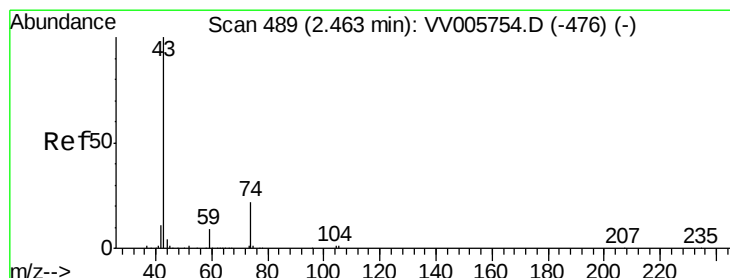
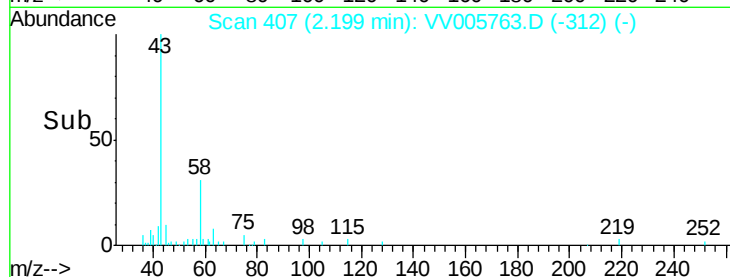
2000

1000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 0.31 ug/L

RT: 2.47 min Scan# 490

Delta R.T. 0.00 min

Lab File: VV005763.D

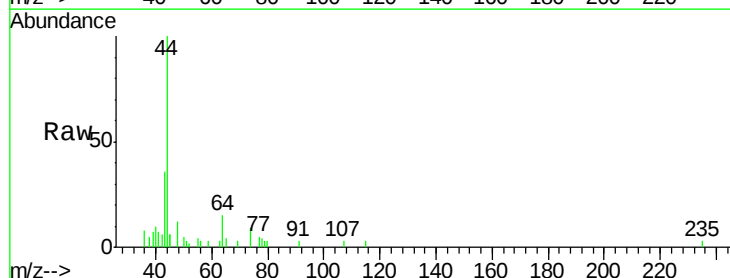
Acq: 03 May 2018 15:25

Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

43 100

74 30.4 17.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VV005763.D (-396) (-)

Ion 74.05 (73.75 to 74.75): VV005763.D (-396) (-)

2.47

1500

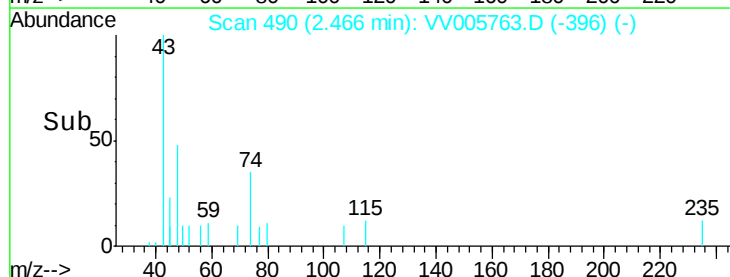
1000

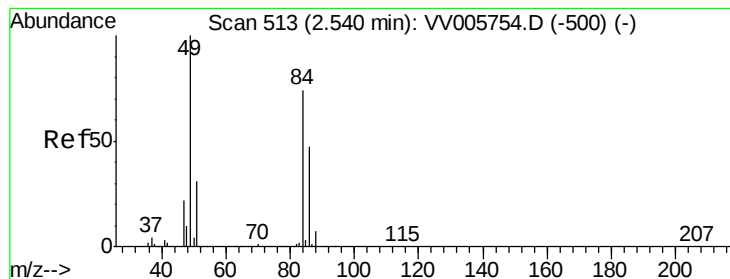
500

0

Time-->

2.42 2.44 2.46 2.48 2.50





#16

Methylene chloride

Concen: 0.47 ug/L

RT: 2.53 min Scan# 511

Delta R.T. -0.01 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

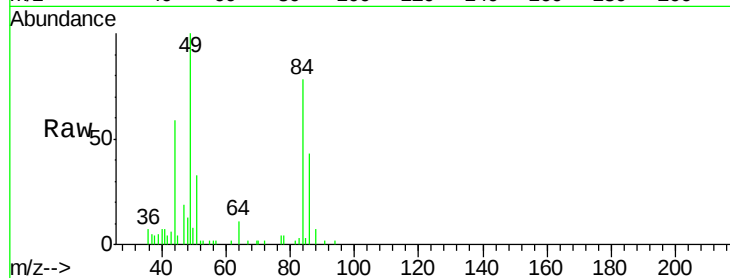
Tgt Ion: 84 Resp: 7628

Ion Ratio Lower Upper

84 100

86 54.7 44.1 81.9

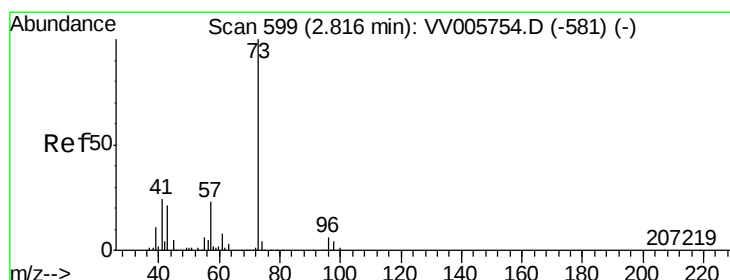
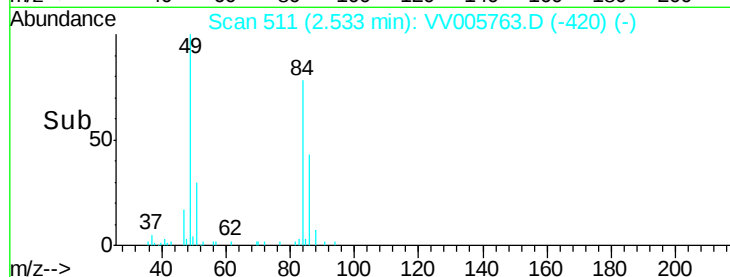
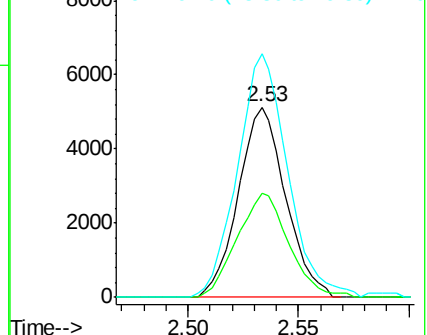
49 128.1 92.1 171.1



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#17

Methyl tert-butyl Ether

Concen: 0.40 ug/L

RT: 2.82 min Scan# 599

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

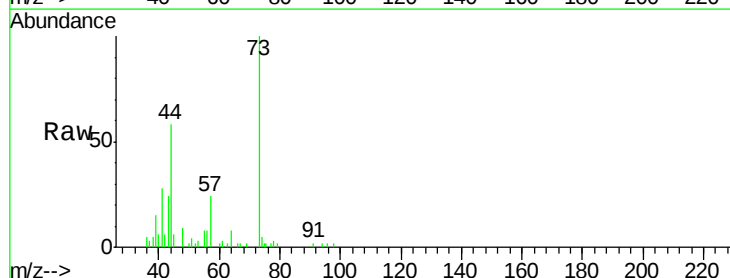
Tgt Ion: 73 Resp: 14160

Ion Ratio Lower Upper

73 100

43 22.9 17.4 26.2

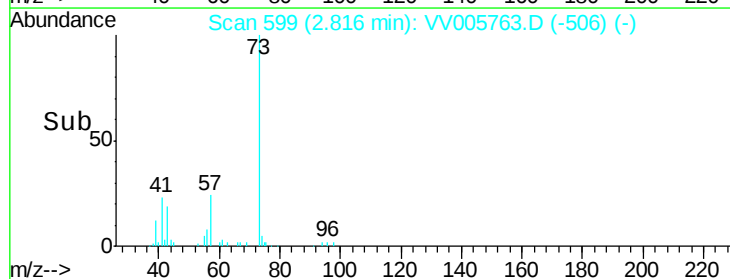
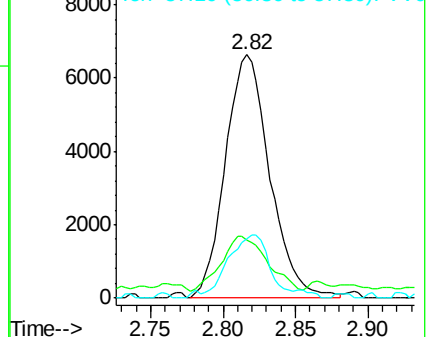
57 25.0 17.5 26.3

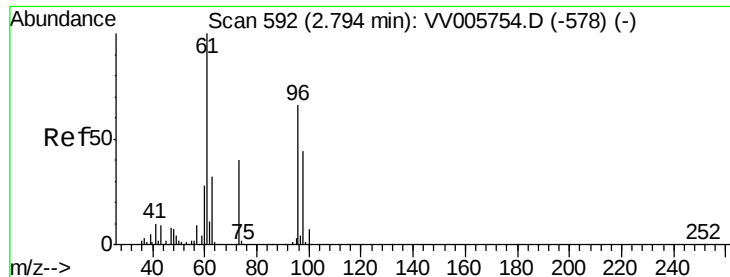


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.23 ug/L

RT: 2.78 min Scan# 589

Delta R.T. -0.01 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

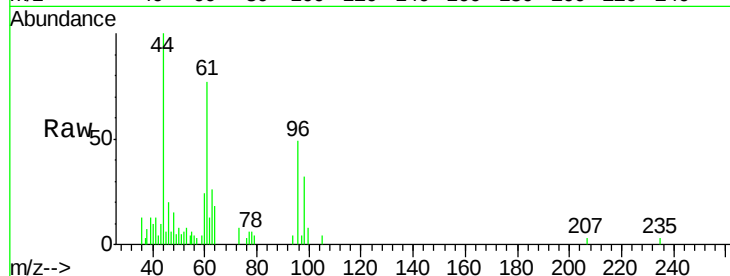
Tgt Ion: 96 Resp: 3600

Ion Ratio Lower Upper

96 100

61 157.9 104.4 193.8

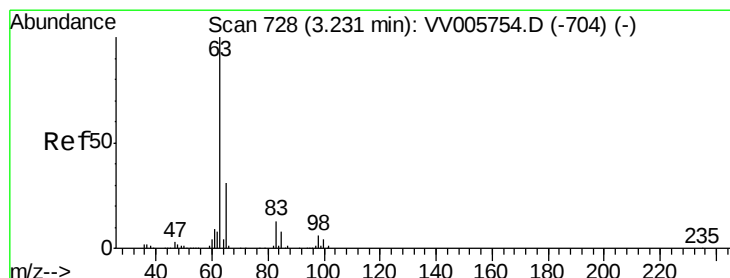
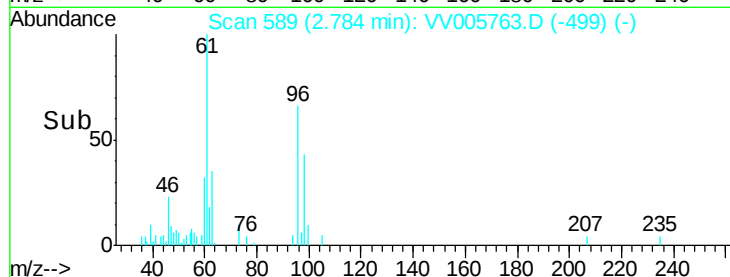
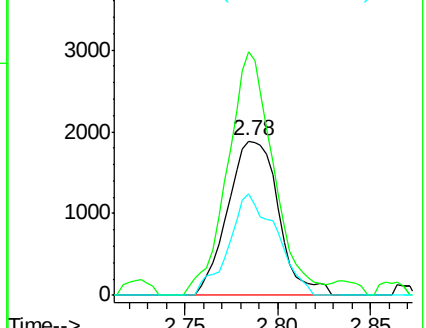
98 65.7 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV005754.D (-578) (-)

Ion 61.05 (60.75 to 61.75): VV005754.D (-578) (-)

Ion 97.95 (97.65 to 98.65): VV005754.D (-578) (-)



#19

1,1-Dichloroethane

Concen: 0.24 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

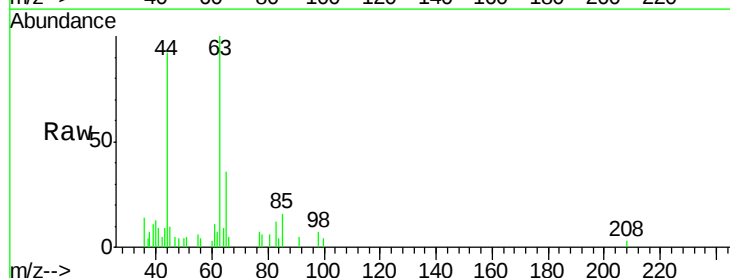
Tgt Ion: 63 Resp: 6913

Ion Ratio Lower Upper

63 100

65 36.2 21.5 39.9

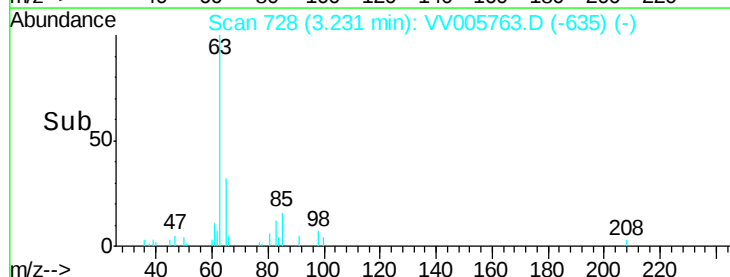
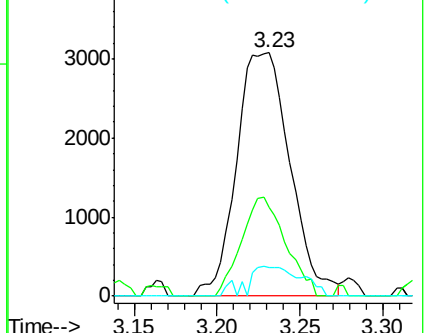
83 11.6 9.6 17.8

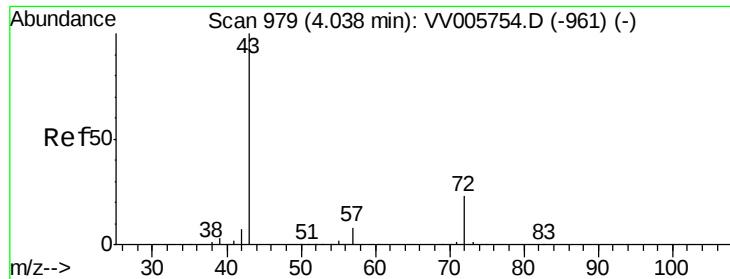


Abundance Ion 63.10 (62.80 to 63.80): VV005754.D (-704) (-)

Ion 65.10 (64.80 to 65.80): VV005754.D (-704) (-)

Ion 83.05 (82.75 to 83.75): VV005754.D (-704) (-)





#21

2-Butanone

Concen: 2.11 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.01 min

Lab File: VV005763.D

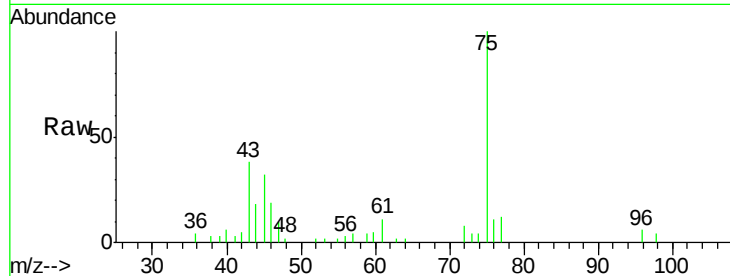
Acq: 03 May 2018 15:25

Tgt Ion: 43 Resp: 6165

Ion Ratio Lower Upper

43 100

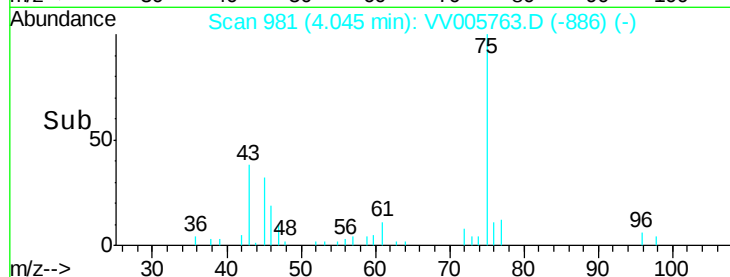
72 4.8 12.4 37.2#



Abundance Ion 43.05 (42.75 to 43.75): VV005754.D (-961) (-)

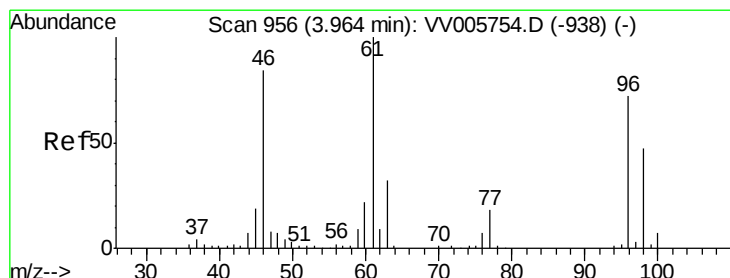
Ion 72.10 (71.80 to 72.80): VV005754.D (-961) (-)

Time-->



Abundance

Time-->



#22

cis-1,2-Dichloroethene

Concen: 5.90 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

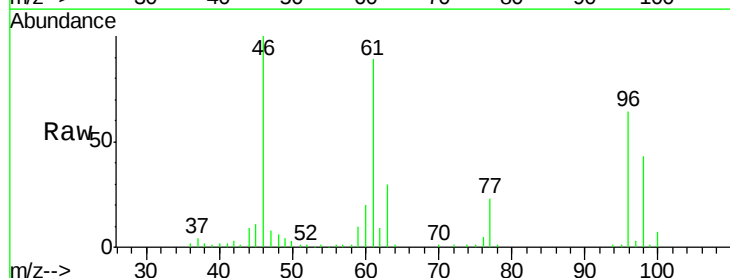
Tgt Ion: 96 Resp: 88504

Ion Ratio Lower Upper

96 100

61 138.7 95.3 177.1

68 0.0 0.0 0.0

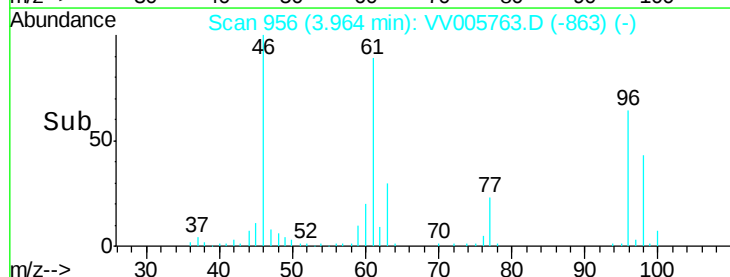


Abundance Ion 96.00 (95.70 to 96.70): VV005754.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV005754.D (-938) (-)

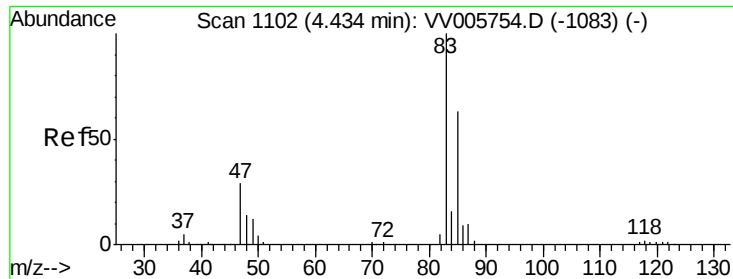
Ion 68.15 (67.85 to 68.85): VV005754.D (-938) (-)

Time-->



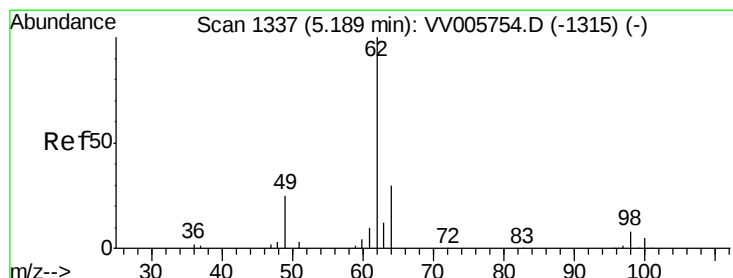
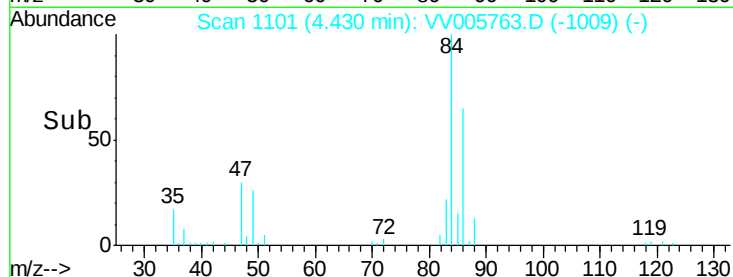
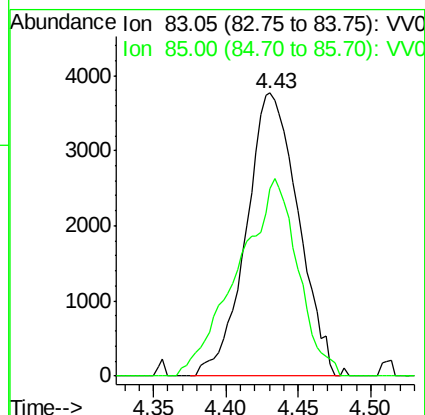
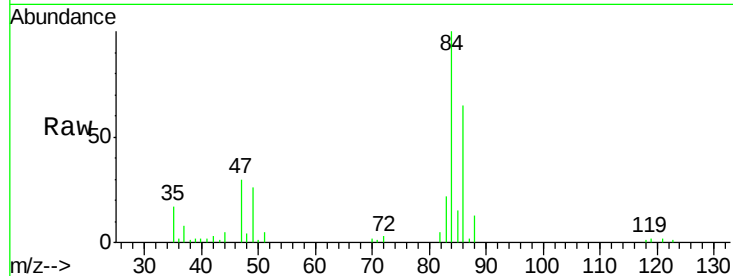
Abundance

Time-->



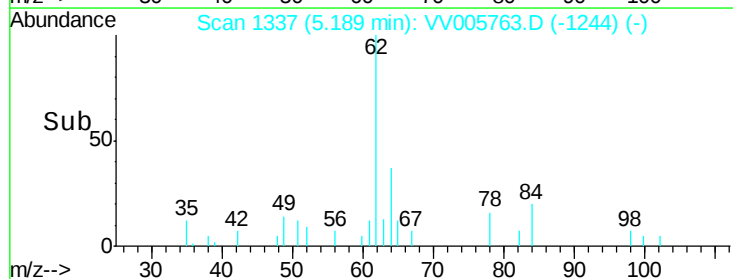
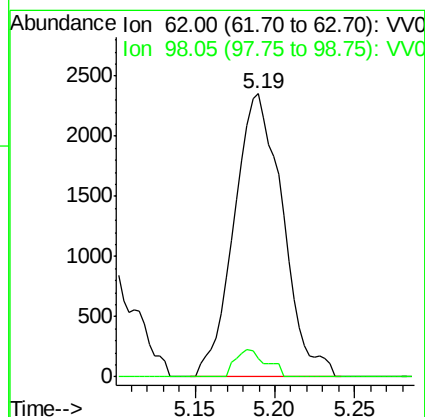
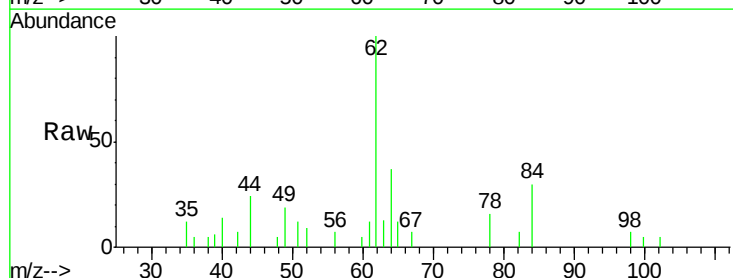
#25  
Chloroform  
Concen: 0.33 ug/L  
RT: 4.43 min Scan# 1101  
Delta R.T. -0.00 min  
Lab File: VV005763.D  
Acq: 03 May 2018 15:25

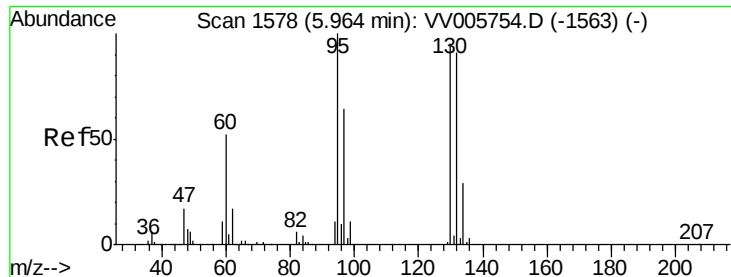
Tgt Ion: 83 Resp: 9403  
Ion Ratio Lower Upper  
83 100  
85 66.2 45.4 84.4



#27  
1,2-Dichloroethane  
Concen: 0.27 ug/L  
RT: 5.19 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: VV005763.D  
Acq: 03 May 2018 15:25

Tgt Ion: 62 Resp: 4885  
Ion Ratio Lower Upper  
62 100  
98 6.6 7.0 10.6#





#34

Trichloroethene

Concen: 4.15 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

Tgt Ion: 95 Resp: 68175

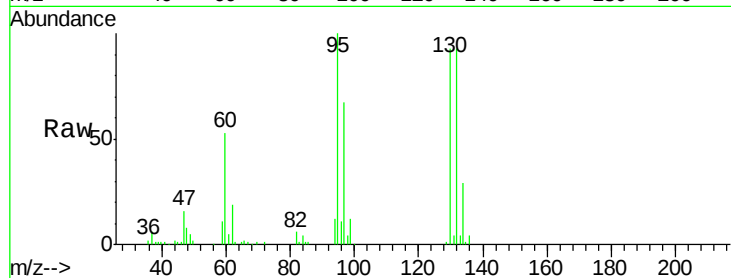
Ion Ratio Lower Upper

95 100

97 66.6 44.4 82.4

132 92.9 65.2 121.2

130 92.7 65.7 122.1

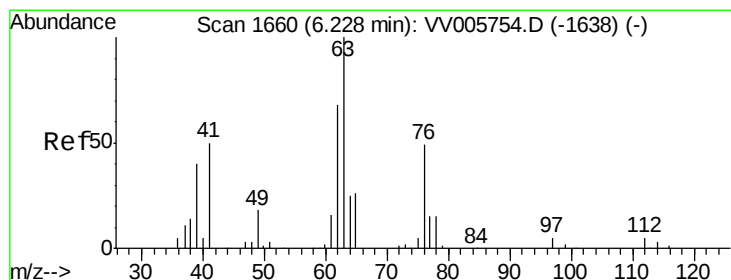
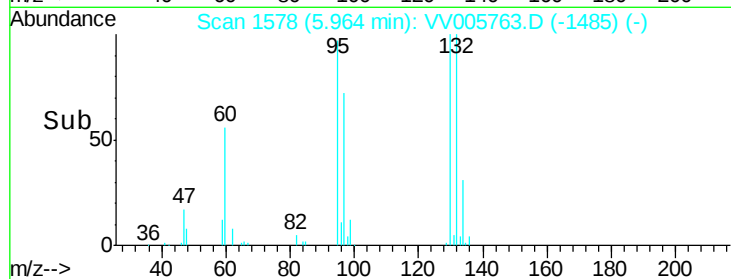
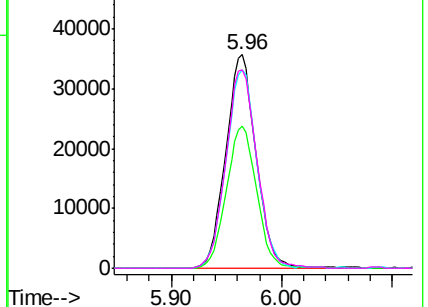


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#37

1,2-Dichloropropane

Concen: 0.22 ug/L

RT: 6.23 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VV005763.D

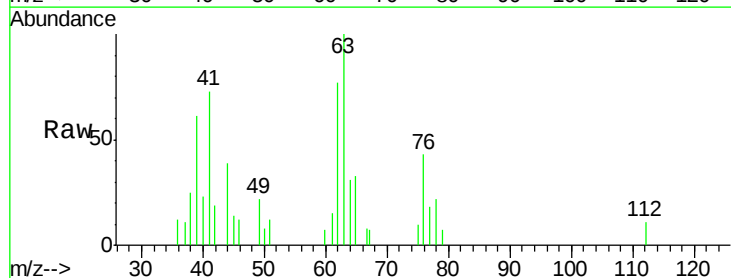
Acq: 03 May 2018 15:25

Tgt Ion: 63 Resp: 3212

Ion Ratio Lower Upper

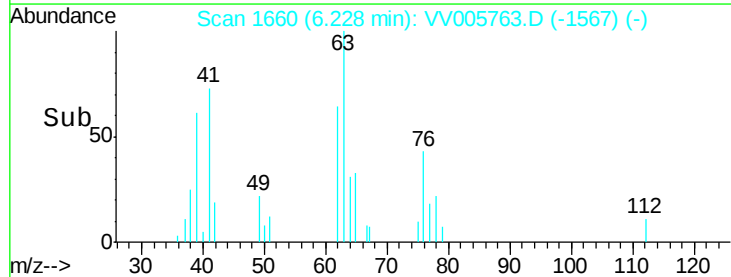
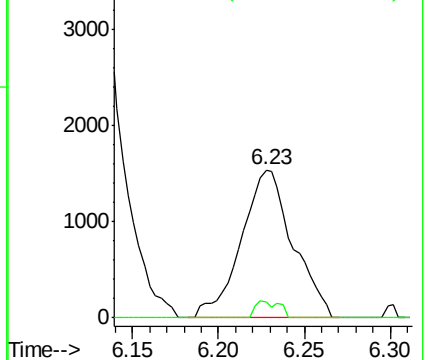
63 100

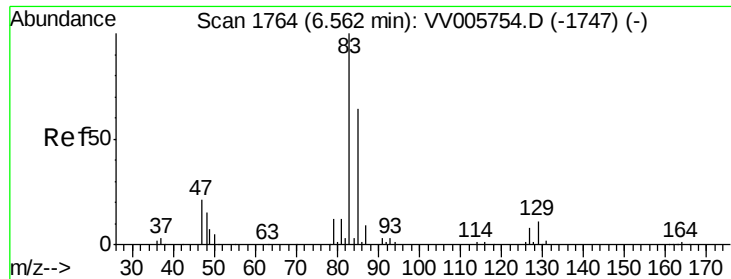
112 5.2 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.23 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

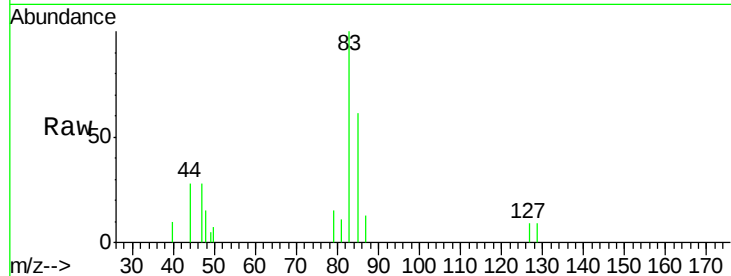
Tgt Ion: 83 Resp: 4382

Ion Ratio Lower Upper

83 100

85 60.7 44.1 81.9

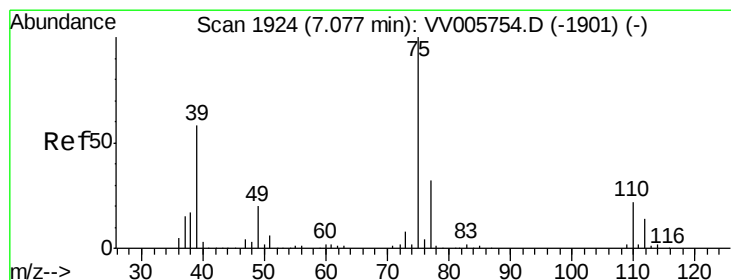
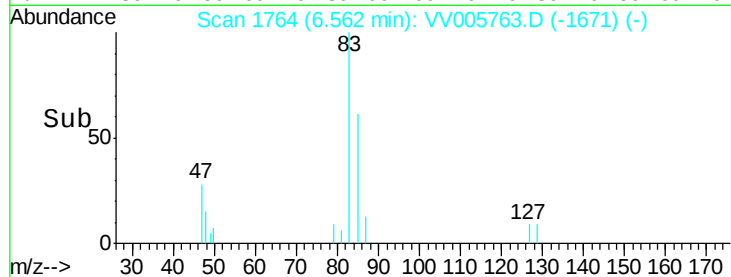
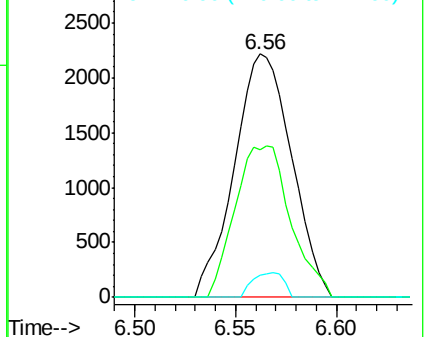
127 9.1 7.4 11.2



Abundance Ion 82.95 (82.65 to 83.65): VV005763.D (-1671) (-)

Ion 85.00 (84.70 to 85.70): VV005763.D (-1671) (-)

Ion 126.90 (126.60 to 127.60): VV005763.D (-1671) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.20 ug/L

RT: 7.08 min Scan# 1924

Delta R.T. -0.00 min

Lab File: VV005763.D

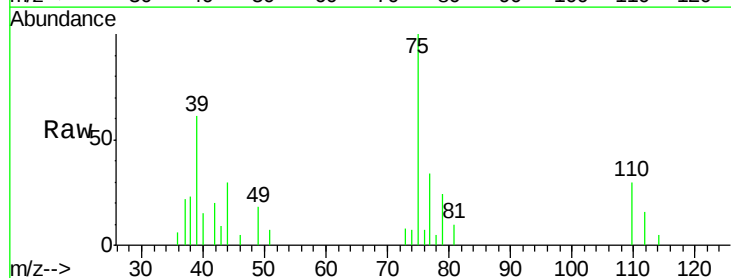
Acq: 03 May 2018 15:25

Tgt Ion: 75 Resp: 4028

Ion Ratio Lower Upper

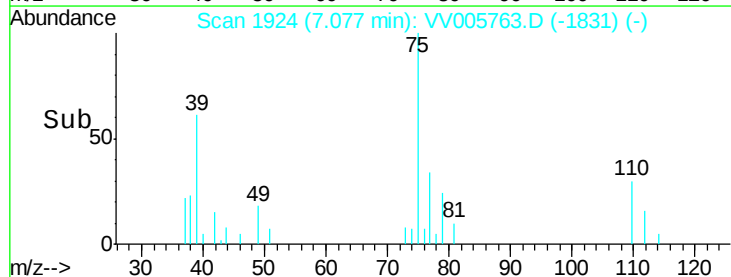
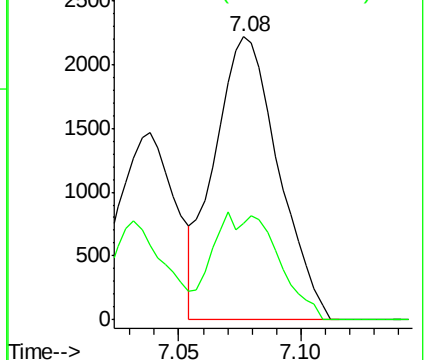
75 100

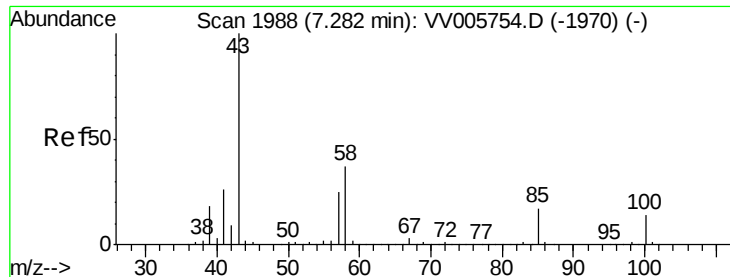
77 34.3 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV005763.D (-1831) (-)

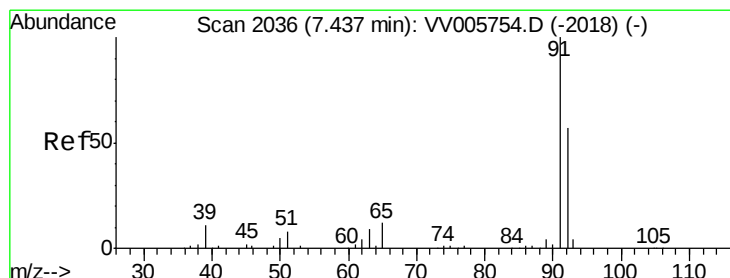
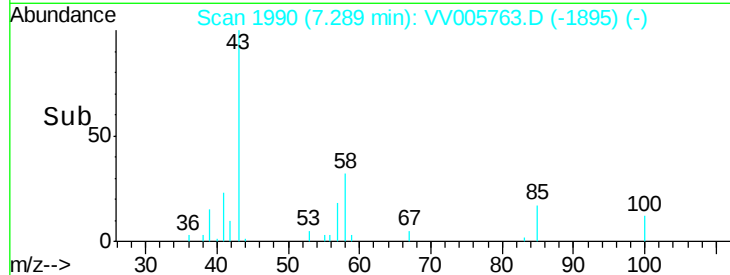
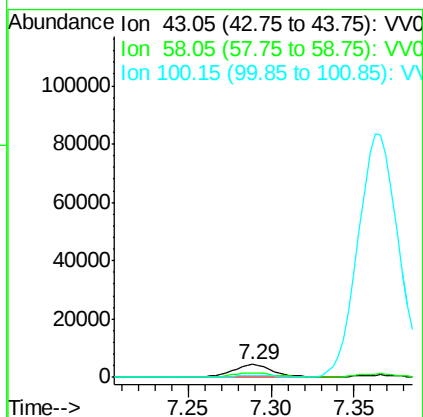
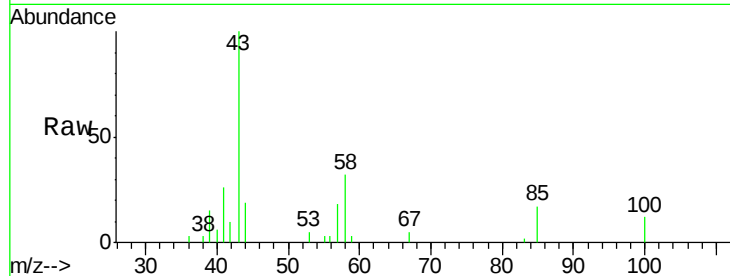
Ion 77.05 (76.75 to 77.75): VV005763.D (-1831) (-)





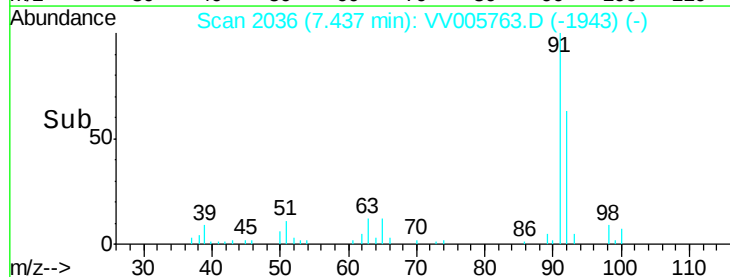
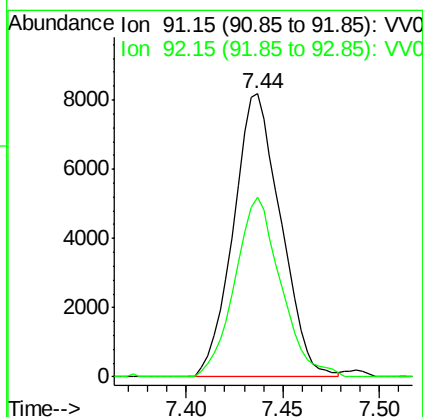
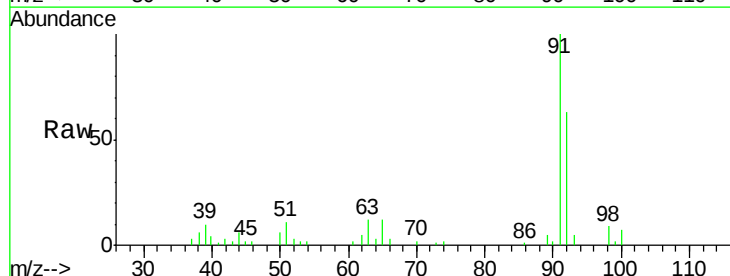
#40  
 4-Methyl-2-pentanone  
 Concen: 1.03 ug/L  
 RT: 7.29 min Scan# 1990  
 Delta R.T. 0.01 min  
 Lab File: VV005763.D  
 Acq: 03 May 2018 15:25

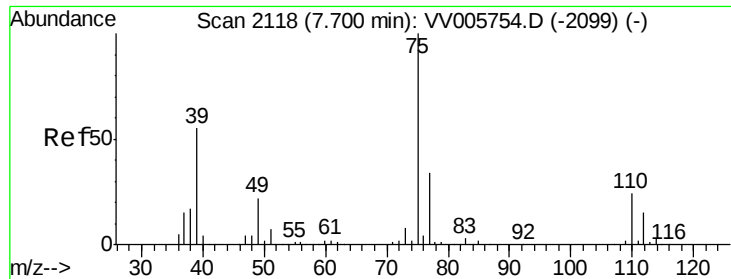
Tgt Ion: 43 Resp: 7641  
 Ion Ratio Lower Upper  
 43 100  
 58 34.8 28.0 42.0  
 100 0.0 11.2 16.8#



#42  
 Toluene  
 Concen: 0.23 ug/L  
 RT: 7.44 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VV005763.D  
 Acq: 03 May 2018 15:25

Tgt Ion: 91 Resp: 13898  
 Ion Ratio Lower Upper  
 91 100  
 92 63.3 40.7 75.7





#44

trans-1,3-Dichloropropene

Concen: 0.24 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV005763.D

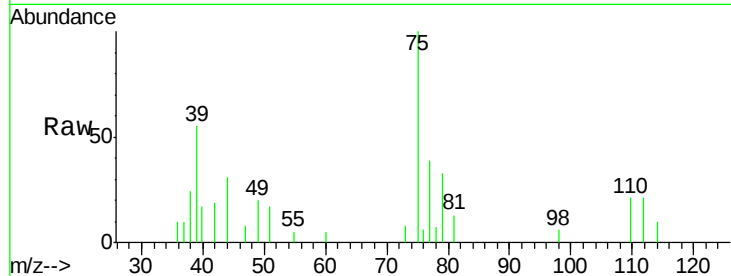
Acq: 03 May 2018 15:25

Tgt Ion: 75 Resp: 3893

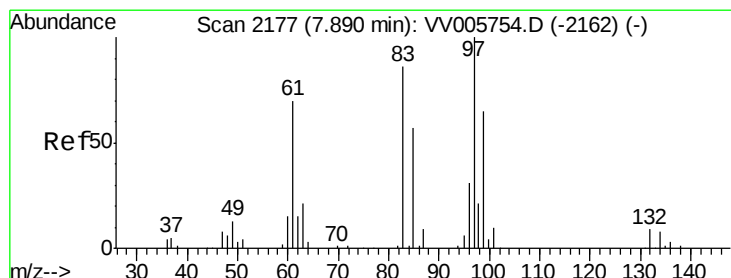
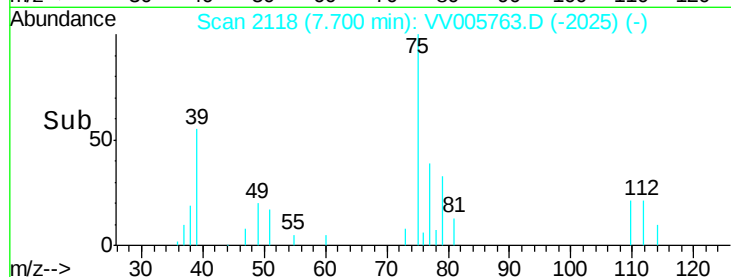
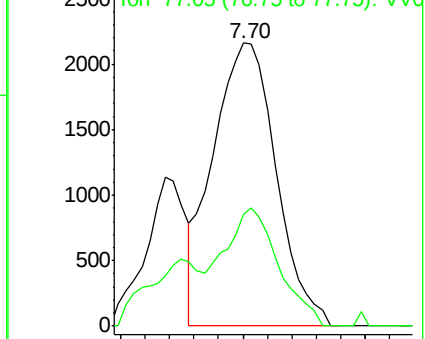
Ion Ratio Lower Upper

75 100

77 39.3 21.4 39.8



Abundance Ion 75.05 (74.75 to 75.75): VV005763.D (-2025) (-)



#45

1,1,2-Trichloroethane

Concen: 0.25 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

Tgt Ion: 97 Resp: 2419

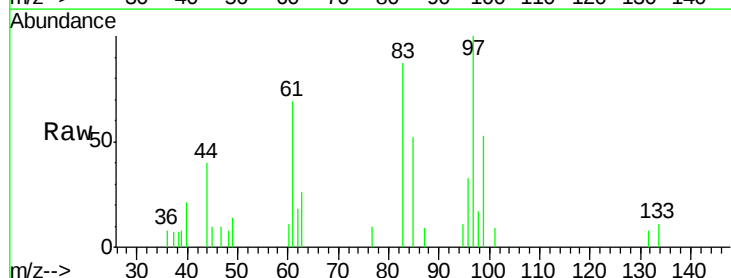
Ion Ratio Lower Upper

97 100

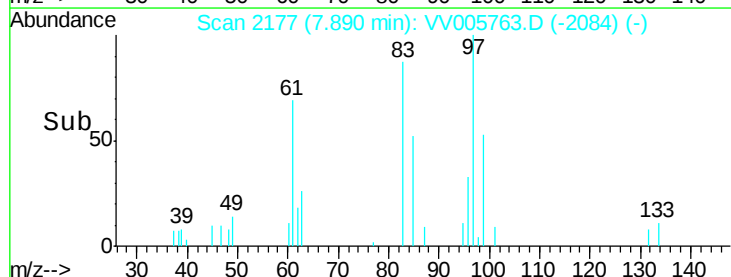
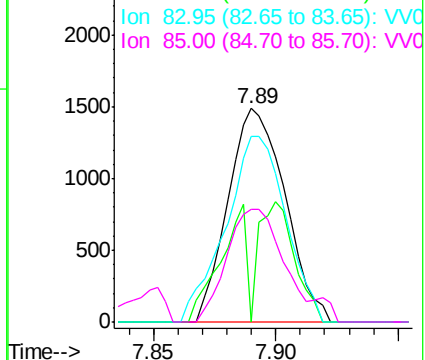
99 0.0 42.5 78.9#

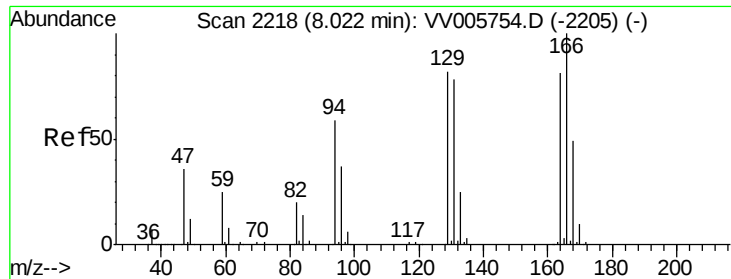
83 87.1 60.5 112.3

85 52.5 38.3 71.1



Abundance Ion 96.95 (96.65 to 97.65): VV005763.D (-2084) (-)





#47

Tetrachloroethene

Concen: 0.93 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

Tgt Ion: 164 Resp: 11205

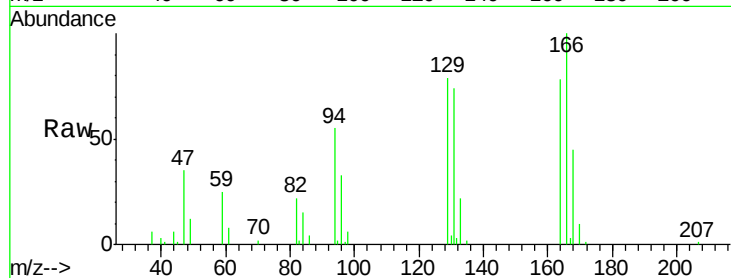
Ion Ratio Lower Upper

164 100

129 101.6 67.3 124.9

131 95.7 71.0 131.8

166 128.9 88.1 163.7

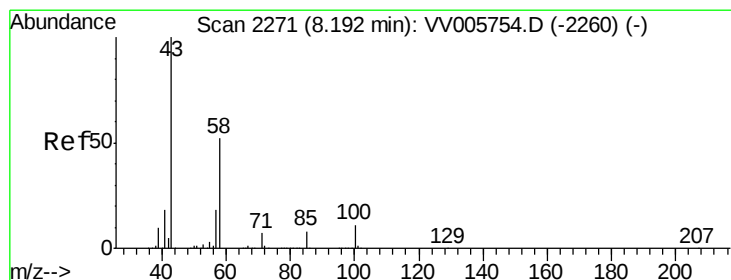
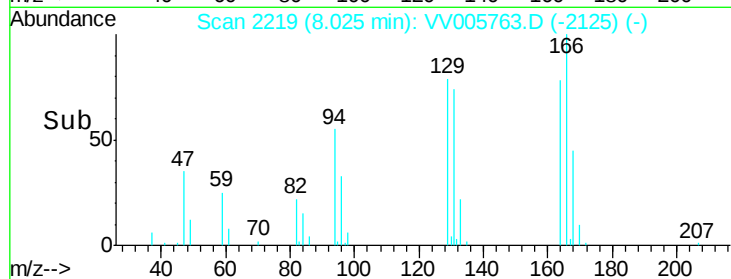
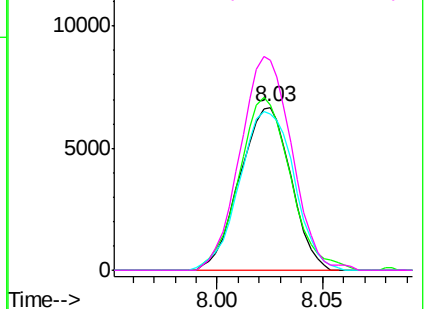


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.04 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

Tgt Ion: 43 Resp: 15840

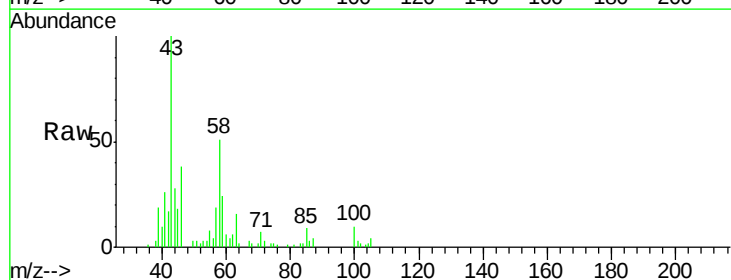
Ion Ratio Lower Upper

43 100

58 44.3 40.2 60.2

57 16.0 14.7 22.1

100 6.4 8.8 13.2#

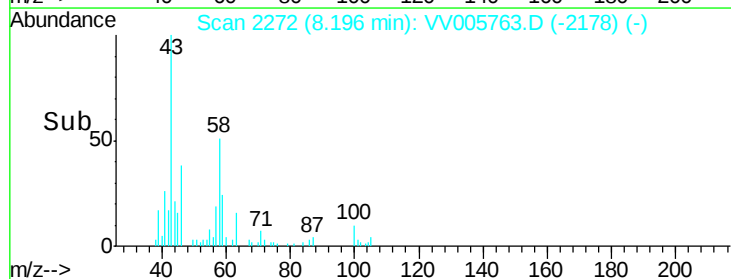
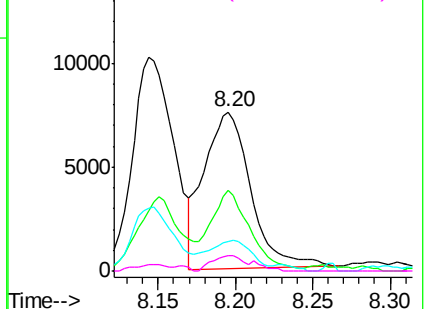


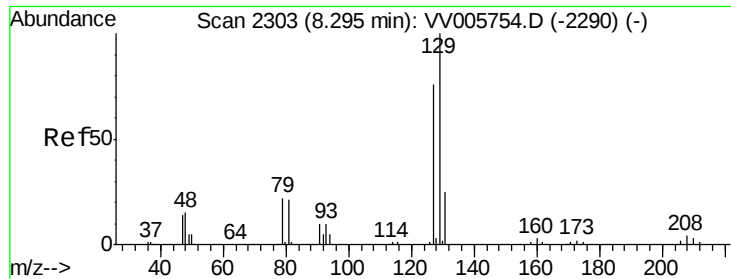
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.26 ug/L

RT: 8.30 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VV005763.D

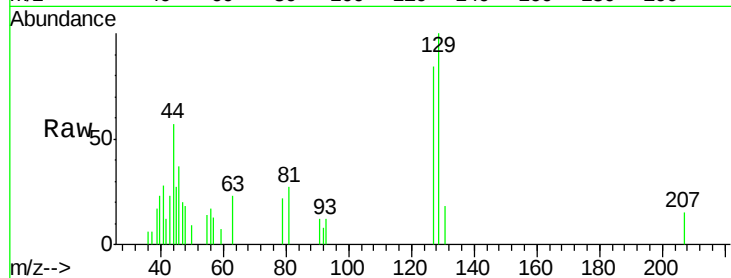
Acq: 03 May 2018 15:25

Tgt Ion:129 Resp: 2939

Ion Ratio Lower Upper

129 100

127 84.4 56.6 105.2



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

2000

1500

1000

500

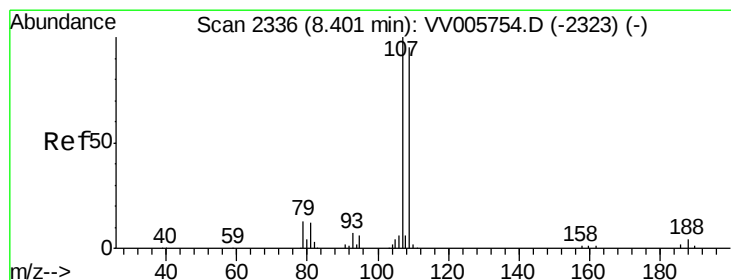
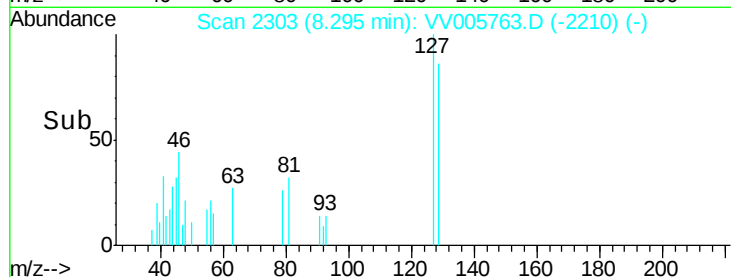
0

8.25

8.30

8.35

Time-->



#50

1,2-Dibromoethane

Concen: 0.23 ug/L

RT: 8.40 min Scan# 2337

Delta R.T. 0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

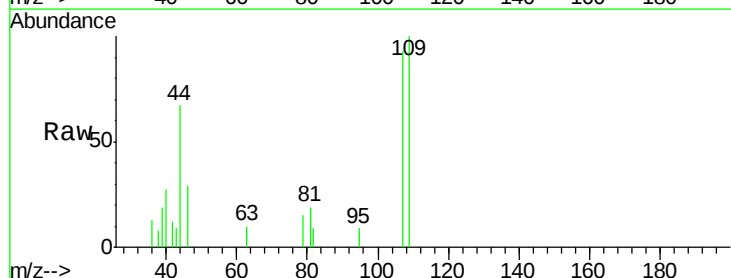
Tgt Ion:107 Resp: 2000

Ion Ratio Lower Upper

107 100

109 107.3 64.5 119.9

188 0.0 2.8 4.2#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V

1500

1000

500

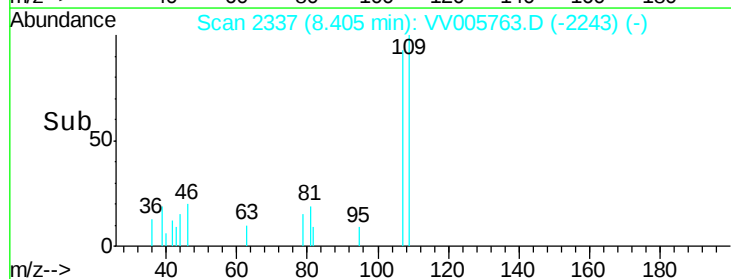
0

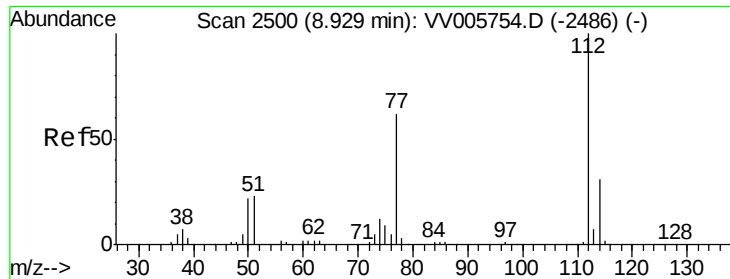
8.35

8.40

8.45

Time-->





#51

Chlorobenzene

Concen: 0.29 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

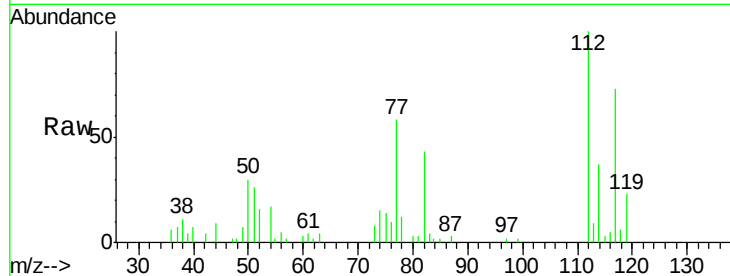
Tgt Ion: 112 Resp: 11750

Ion Ratio Lower Upper

112 100

114 37.3 23.2 43.0

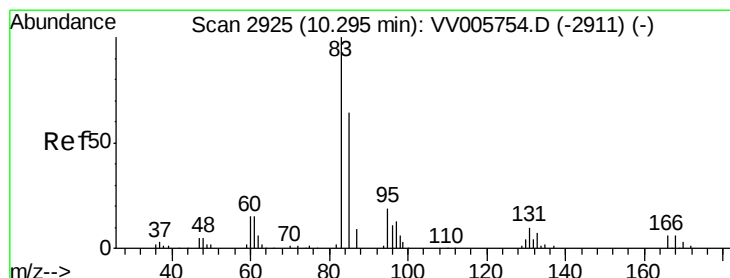
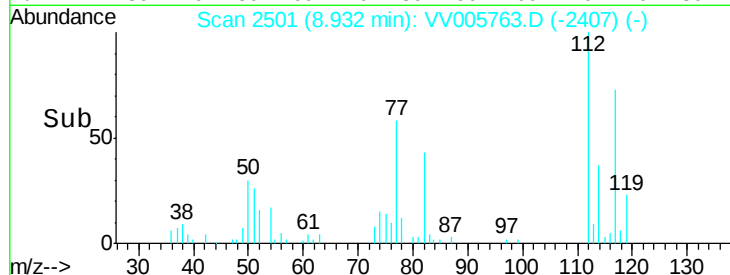
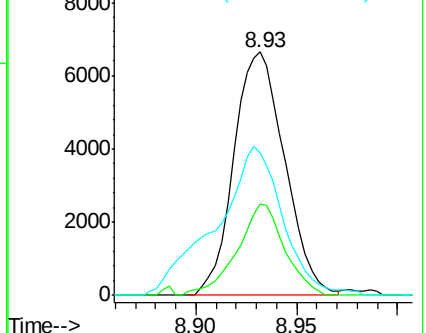
77 58.4 48.5 72.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.33 ug/L

RT: 10.30 min Scan# 2926

Delta R.T. 0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

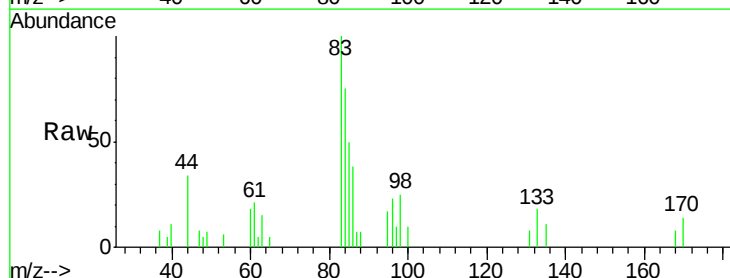
Tgt Ion: 83 Resp: 3404

Ion Ratio Lower Upper

83 100

85 49.8 44.2 82.2

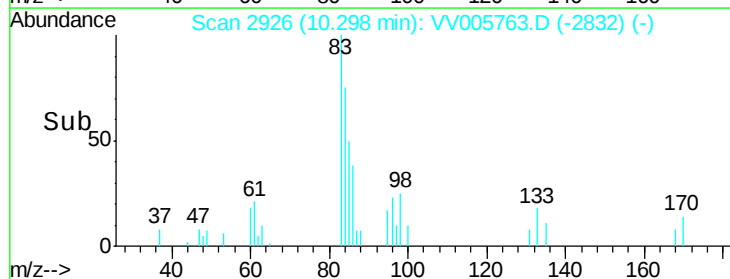
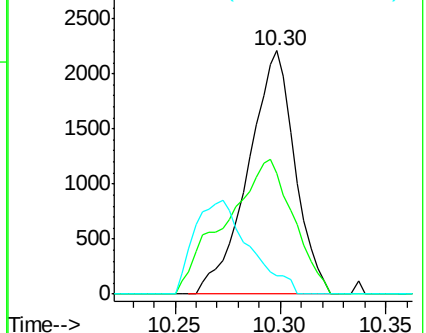
131 7.6 8.3 12.5#

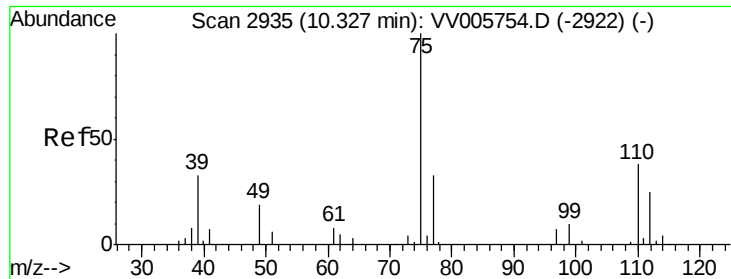


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

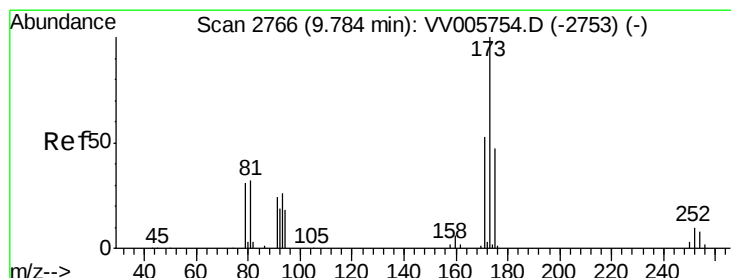
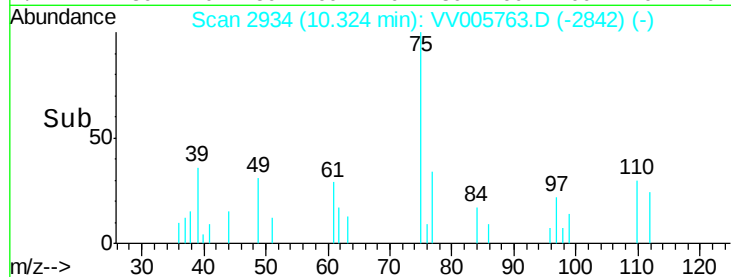
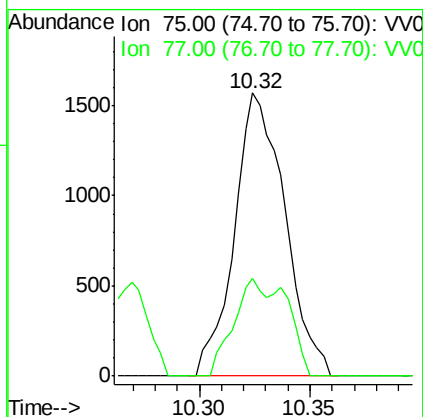
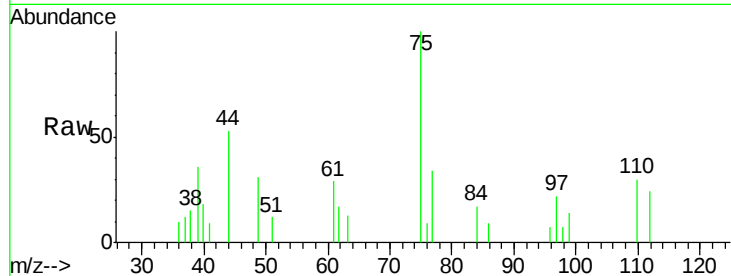
Ion 130.95 (130.65 to 131.65): V





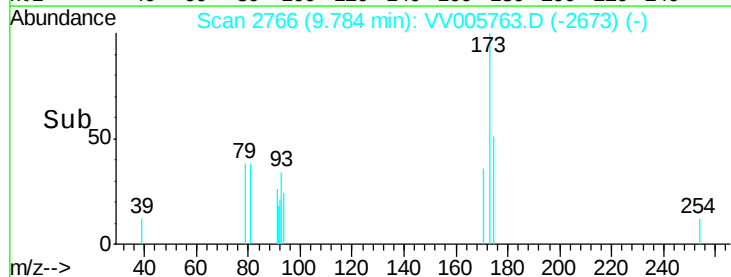
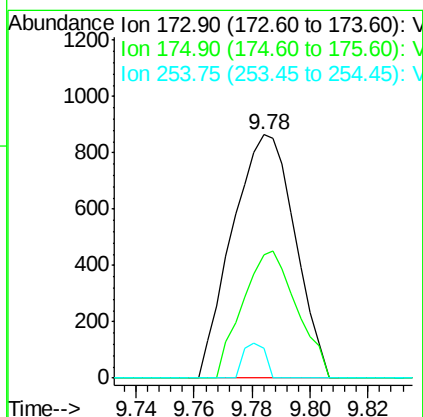
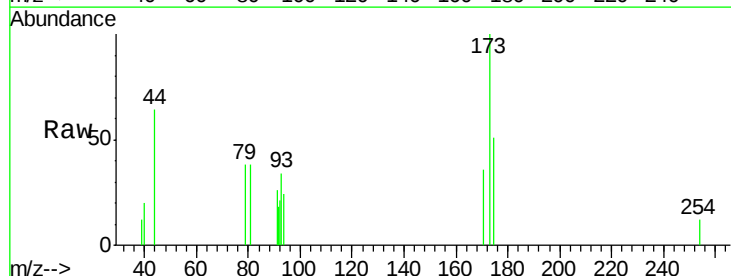
#59  
 1,2,3-Trichloropropane  
 Concen: 0.31 ug/L  
 RT: 10.32 min Scan# 2934  
 Delta R.T. -0.00 min  
 Lab File: VV005763.D  
 Acq: 03 May 2018 15:25

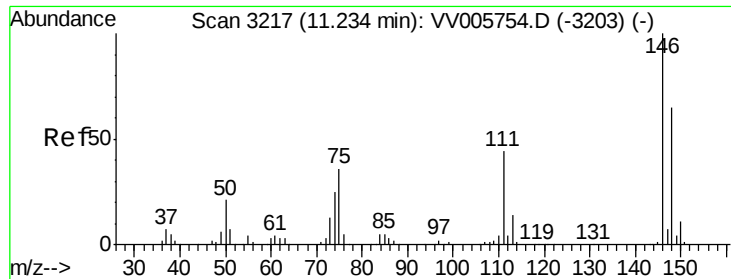
Tgt Ion: 75 Resp: 2491  
 Ion Ratio Lower Upper  
 75 100  
 77 22.3 25.4 38.2#



#61  
 Bromoform  
 Concen: 0.26 ug/L  
 RT: 9.78 min Scan# 2766  
 Delta R.T. -0.00 min  
 Lab File: VV005763.D  
 Acq: 03 May 2018 15:25

Tgt Ion: 173 Resp: 1295  
 Ion Ratio Lower Upper  
 173 100  
 175 45.1 38.1 57.1  
 254 5.0 5.8 8.6#





#62

1,3-Dichlorobenzene

Concen: 0.23 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

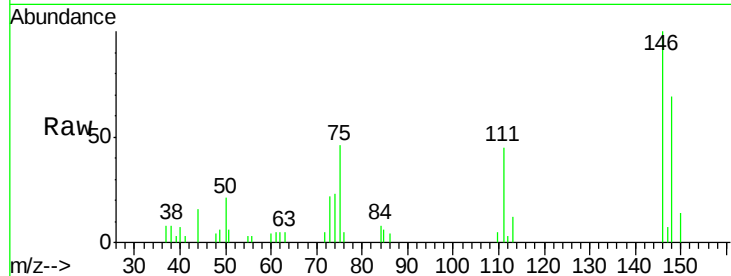
Tgt Ion:146 Resp: 6257

Ion Ratio Lower Upper

146 100

111 44.9 29.8 55.4

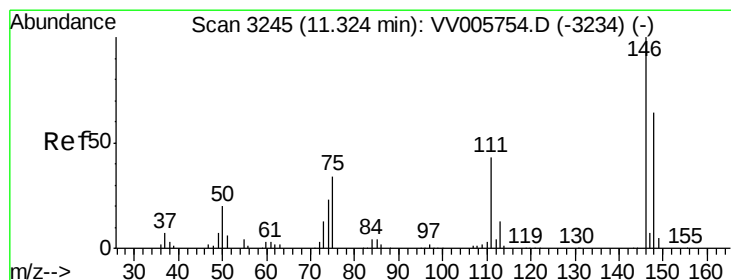
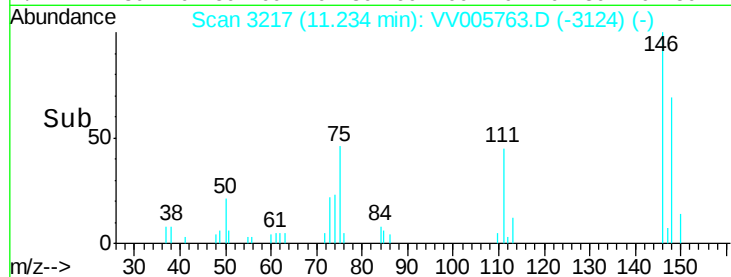
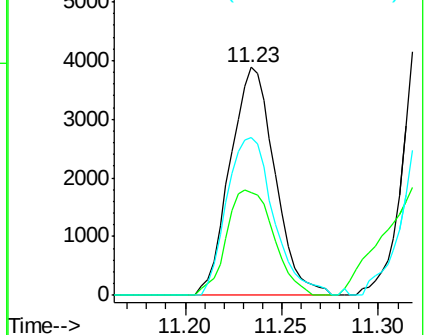
148 69.4 44.4 82.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.29 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

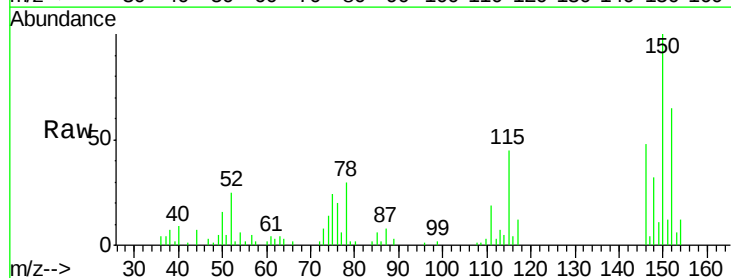
Tgt Ion:146 Resp: 8282

Ion Ratio Lower Upper

146 100

111 39.1 28.3 52.5

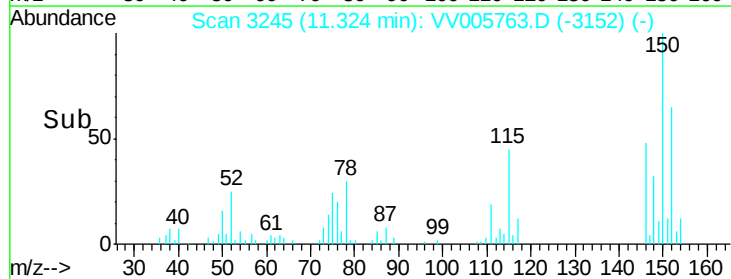
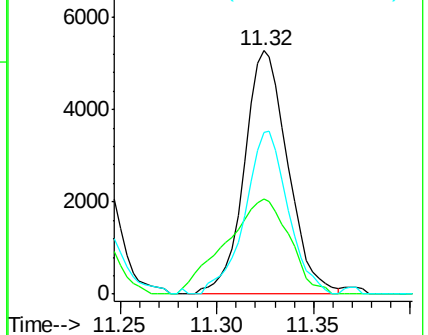
148 66.7 44.2 82.0

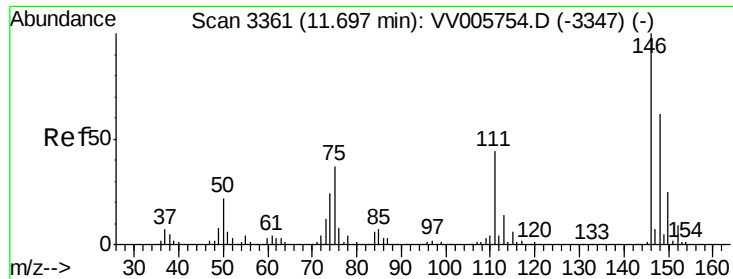


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.31 ug/L

RT: 11.70 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

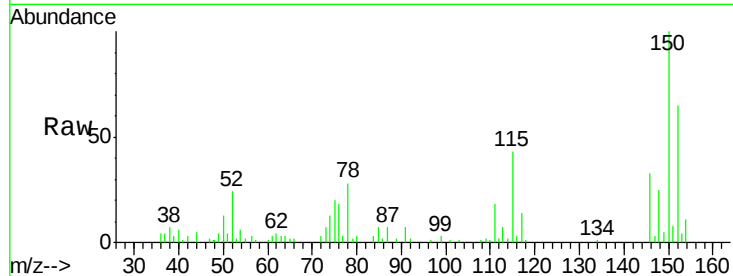
Tgt Ion: 146 Resp: 8044

Ion Ratio Lower Upper

146 100

111 54.4 36.2 54.4#

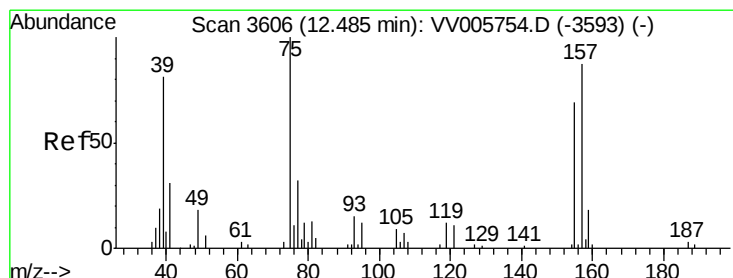
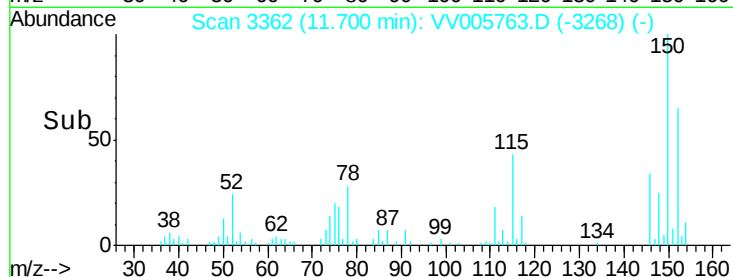
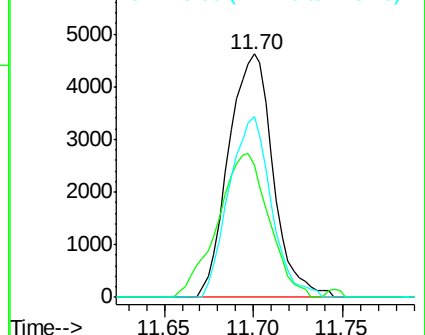
148 74.1 50.2 75.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.29 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VV005763.D

Acq: 03 May 2018 15:25

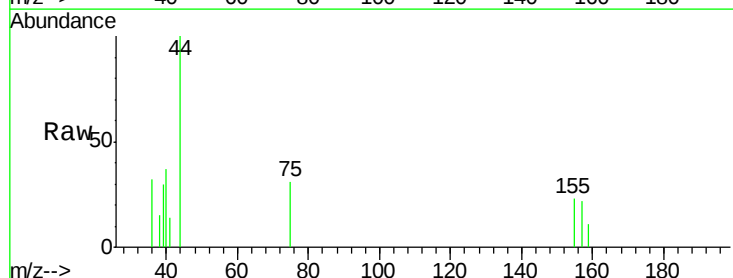
Tgt Ion: 75 Resp: 450

Ion Ratio Lower Upper

75 100

155 75.4 47.3 70.9#

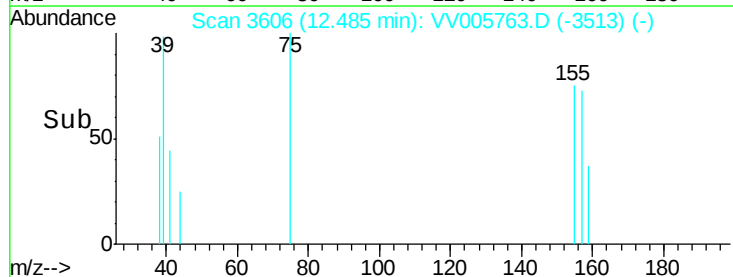
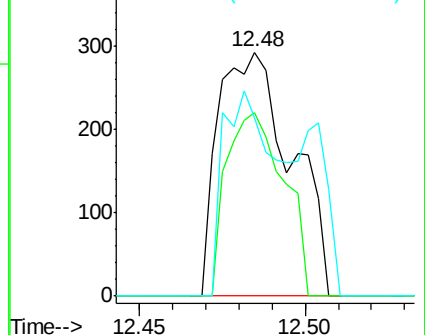
157 73.4 75.3 112.9#

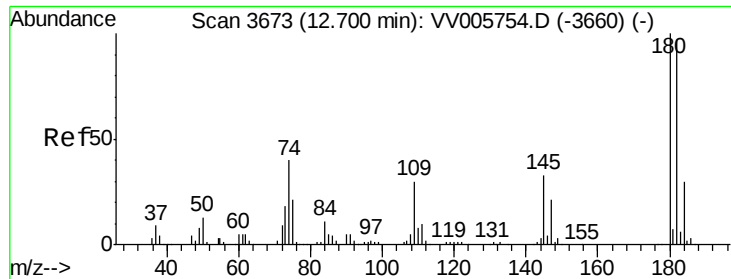


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

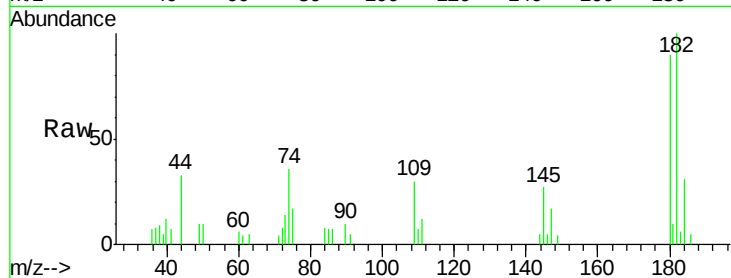
Ion 156.90 (156.60 to 157.60): V



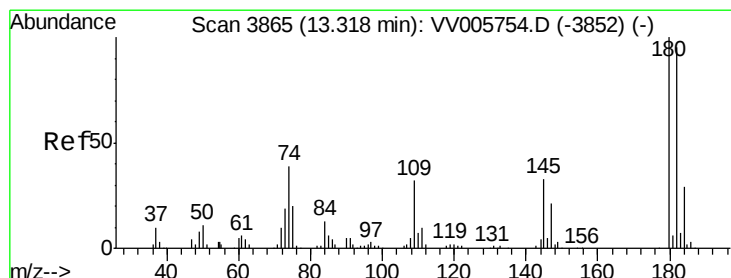
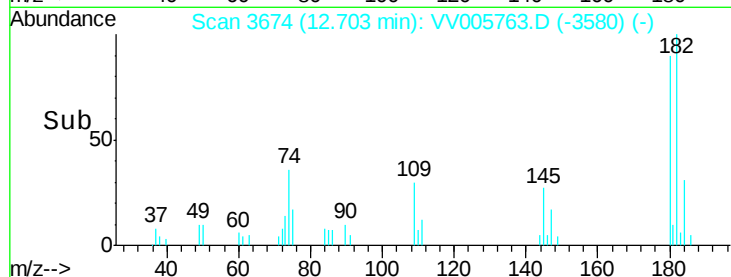
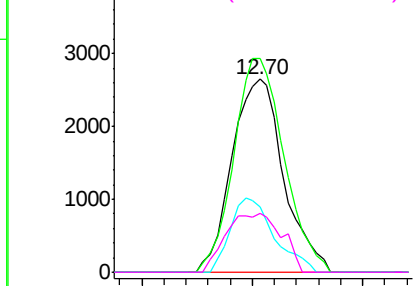


#67  
 1,3,5-Trichlorobenzene  
 Concen: 0.21 ug/L  
 RT: 12.70 min Scan# 3674  
 Delta R.T. 0.00 min  
 Lab File: VV005763.D  
 Acq: 03 May 2018 15:25

Tgt Ion:180 Resp: 4315  
 Ion Ratio Lower Upper  
 180 100  
 182 107.7 75.5 113.3  
 184 32.8 23.4 35.2  
 145 32.6 25.5 38.3

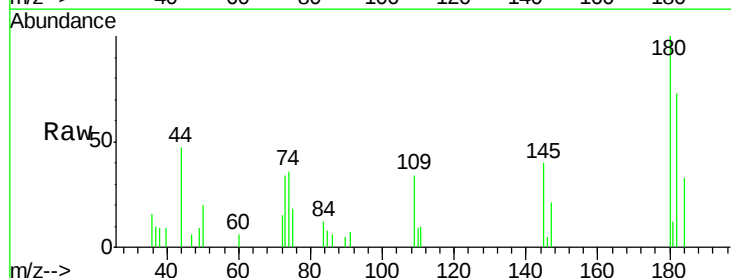


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 184.00 (183.70 to 184.70): V  
 Ion 145.00 (144.70 to 145.70): V

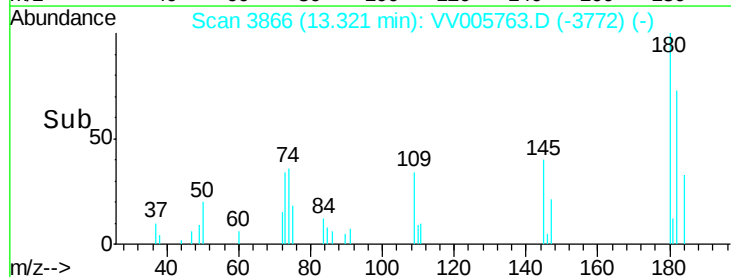
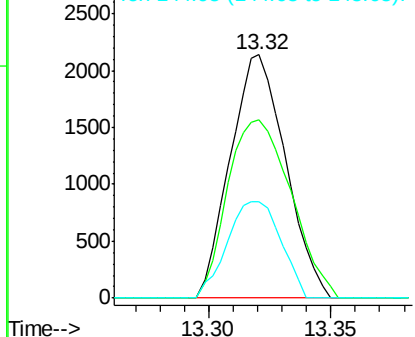


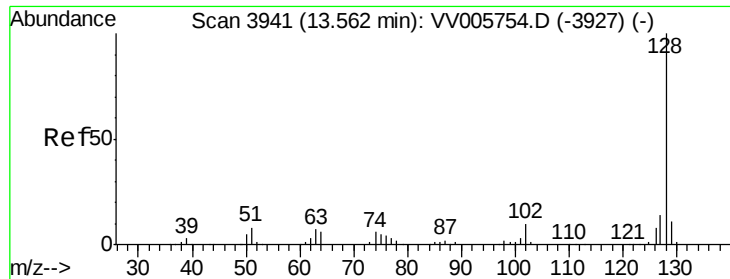
#68  
 1,2,4-trichlorobenzene  
 Concen: 0.23 ug/L  
 RT: 13.32 min Scan# 3866  
 Delta R.T. 0.00 min  
 Lab File: VV005763.D  
 Acq: 03 May 2018 15:25

Tgt Ion:180 Resp: 3364  
 Ion Ratio Lower Upper  
 180 100  
 182 84.0 77.2 115.8  
 145 38.5 27.7 41.5



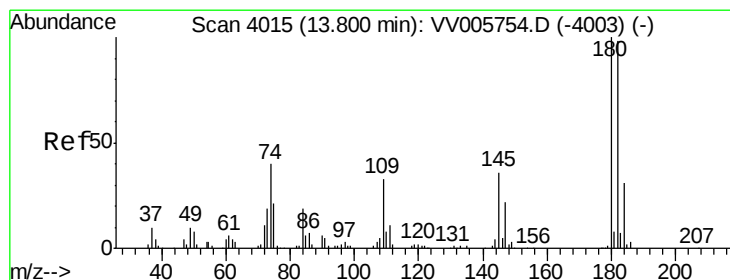
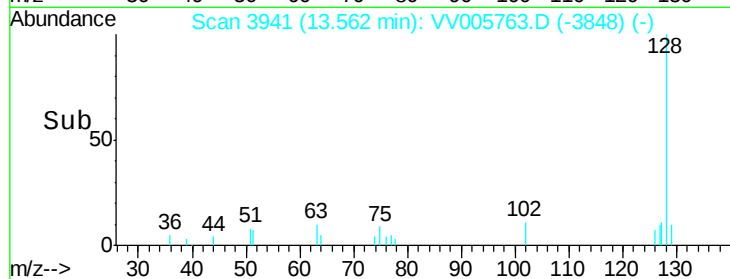
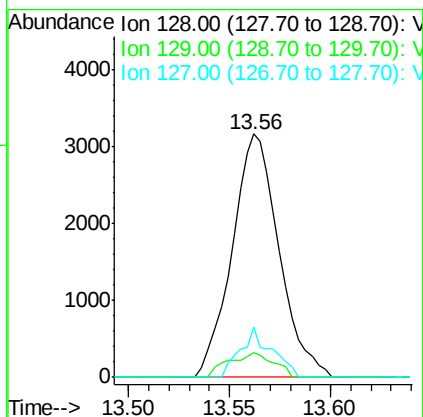
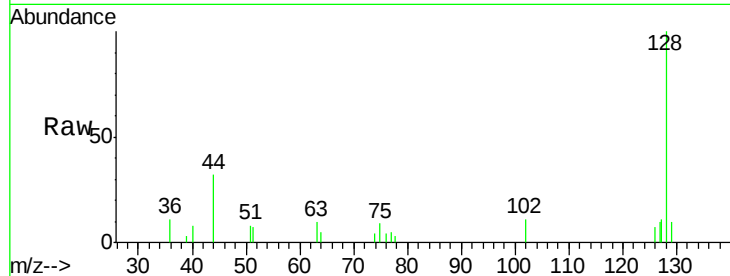
Abundance Ion 179.90 (179.60 to 180.60): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 144.95 (144.65 to 145.65): V





#69  
Naphthalene  
Concen: 0.23 ug/L  
RT: 13.56 min Scan# 3941  
Delta R.T. -0.00 min  
Lab File: VV005763.D  
Acq: 03 May 2018 15:25

Tgt Ion:128 Resp: 5133  
Ion Ratio Lower Upper  
128 100  
129 9.8 8.8 13.2  
127 13.6 10.6 15.8



#70  
1,2,3-Trichlorobenzene  
Concen: 0.24 ug/L  
RT: 13.80 min Scan# 4016  
Delta R.T. 0.00 min  
Lab File: VV005763.D  
Acq: 03 May 2018 15:25

Tgt Ion:180 Resp: 3381  
Ion Ratio Lower Upper  
180 100  
182 96.3 76.2 114.2  
145 34.7 28.3 42.5

