

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW070822\  
 Data File : VW026695.D  
 Acq On : 08 Jul 2022 14:21  
 Operator : SY/MD  
 Sample : N3601-06DL 200X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBUB1DL

Quant Time: Jul 08 23:56:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jul 08 23:50:05 2022  
 Response via : Initial Calibration

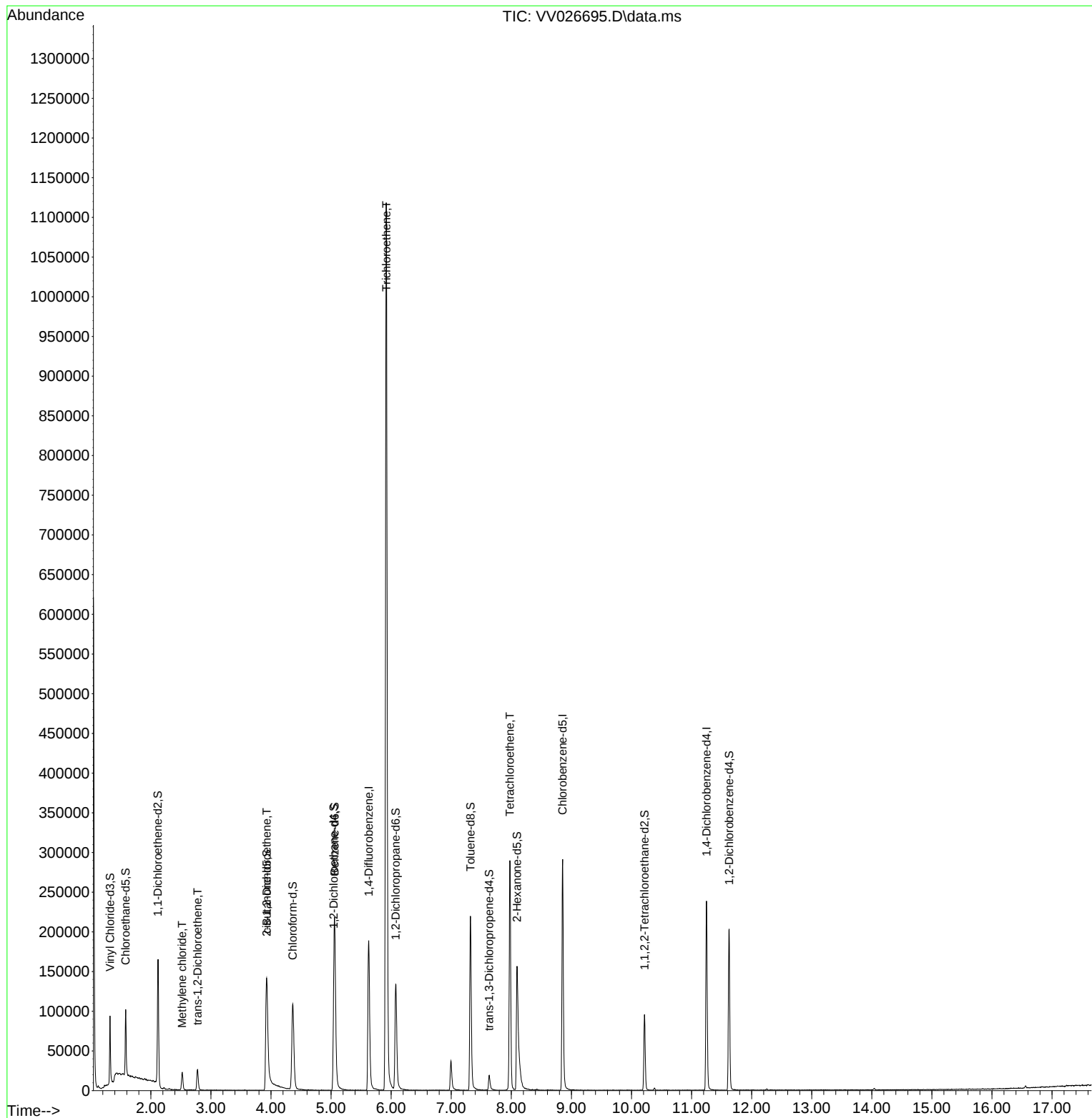
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.625  | 114   | 176350   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 174520   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 66219    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.320  | 65    | 57040    | 4.022    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 80.400%  |
| 7) Chloroethane-d5            | 1.581  | 69    | 54080    | 4.747    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 95.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.118  | 63    | 82177    | 3.261    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 65.200%  |
| 20) 2-Butanone-d5             | 3.931  | 46    | 65289    | 46.304   | ug/L  | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 92.600%  |
| 24) Chloroform-d              | 4.362  | 84    | 118223   | 5.099    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 102.000% |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65    | 48039    | 5.380    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 107.600% |
| 32) Benzene-d6                | 5.060  | 84    | 210762   | 4.204    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 84.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67    | 69858    | 5.068    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 101.400% |
| 41) Toluene-d8                | 7.320  | 98    | 155243   | 3.444    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 68.800%# |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79    | 12491    | 3.506    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 70.200%  |
| 46) 2-Hexanone-d5             | 8.095  | 63    | 64682    | 47.660   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 95.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 49125    | 5.448    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 109.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 57532    | 5.250    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 105.000% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 2.519  | 84    | 9943     | 0.786    | ug/L  | 96       |
| 18) trans-1,2-Dichloroethene  | 2.777  | 96    | 10931    | 0.900    | ug/L  | 93       |
| 22) cis-1,2-Dichloroethene    | 3.928  | 96    | 71665    | 5.939    | ug/L  | 99       |
| 34) Trichloroethene           | 5.918  | 95    | 388836   | 29.026   | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.976  | 164   | 67931    | 6.369    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

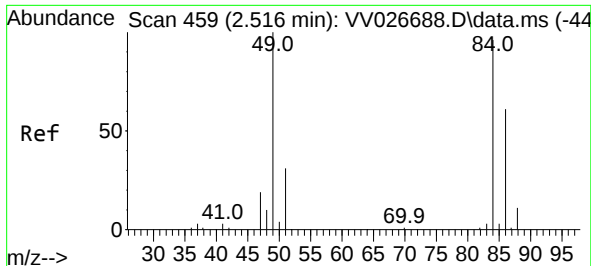
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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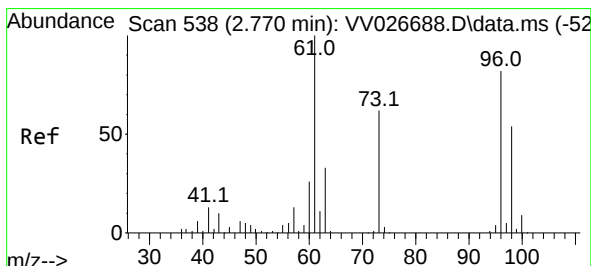
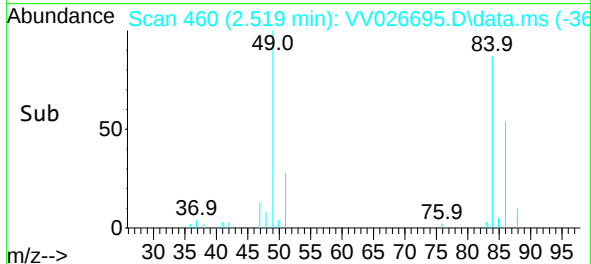
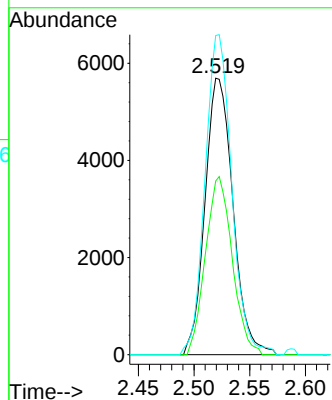
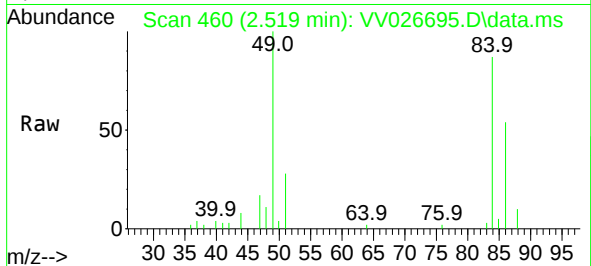




#16  
Methylene chloride  
Concen: 0.786 ug/L  
RT: 2.519 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV026695.D  
Acq: 08 Jul 2022 14:21

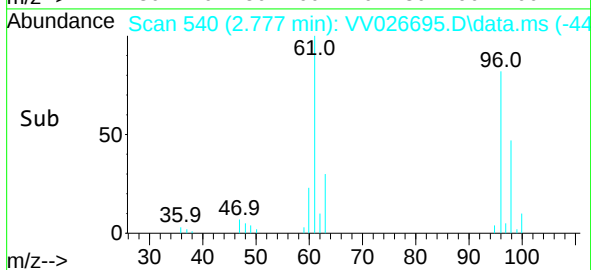
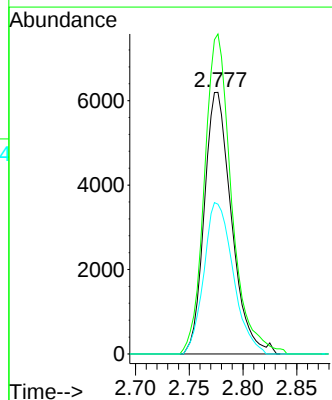
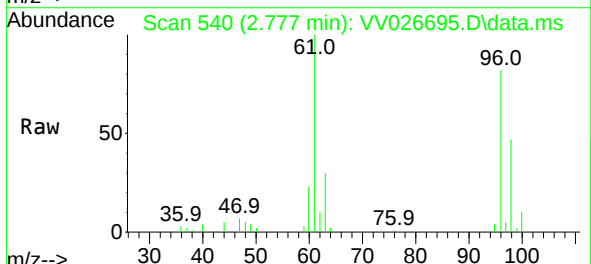
Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUB1DL

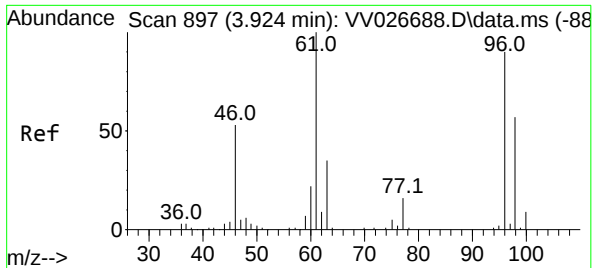
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 9943  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 62.8  | 46.0  | 85.4  |
| 49       | 115.5 | 77.7  | 144.3 |



#18  
trans-1,2-Dichloroethene  
Concen: 0.900 ug/L  
RT: 2.777 min Scan# 540  
Delta R.T. 0.007 min  
Lab File: VV026695.D  
Acq: 08 Jul 2022 14:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 10931 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 122.3 | 90.4  | 167.8 |
| 98       | 57.3  | 45.6  | 84.8  |





#22

cis-1,2-Dichloroethene

Concen: 5.939 ug/L

RT: 3.928 min Scan# 897

Delta R.T. 0.003 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

Instrument :

MSVOA\_V

ClientSampleId :

DBUB1DL

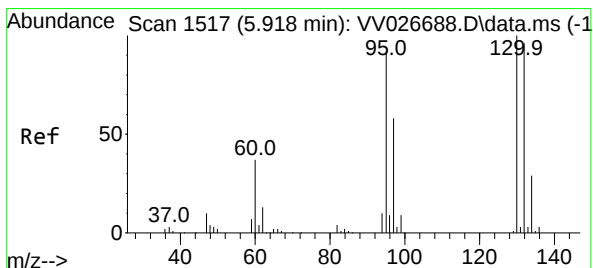
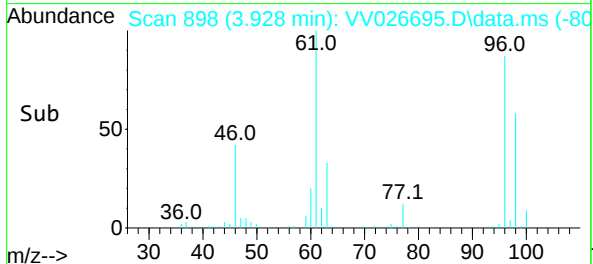
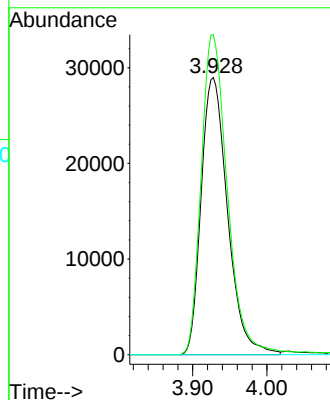
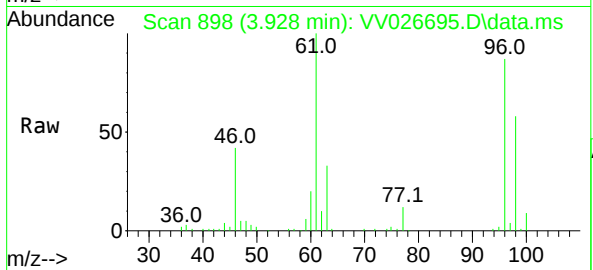
Tgt Ion: 96 Resp: 71665

Ion Ratio Lower Upper

96 100

61 115.5 82.0 152.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 29.026 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

Tgt Ion: 95 Resp: 388836

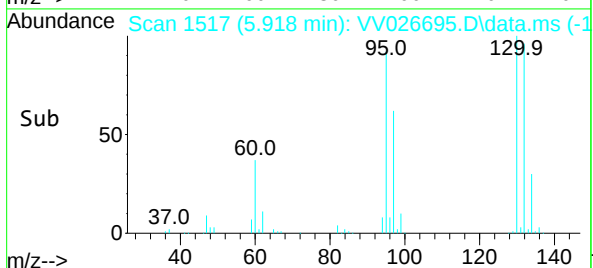
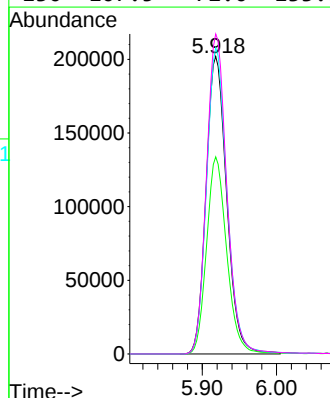
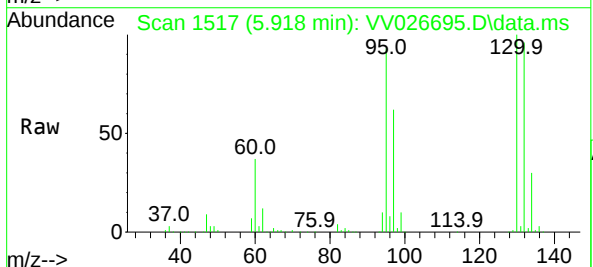
Ion Ratio Lower Upper

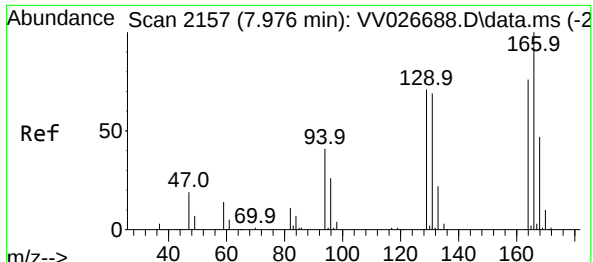
95 100

97 66.2 46.8 87.0

132 102.9 69.9 129.7

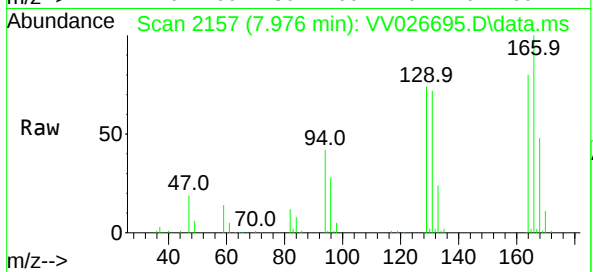
130 107.5 72.0 133.8





#47  
 Tetrachloroethene  
 Concen: 6.369 ug/L  
 RT: 7.976 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VV026695.D  
 Acq: 08 Jul 2022 14:21

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBUB1DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 67931 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 92.8  | 66.4  | 123.2 |
| 131      | 89.6  | 64.4  | 119.6 |
| 166      | 124.9 | 88.1  | 163.7 |

