

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV112624\  
 Data File : VV038370.D  
 Acq On : 26 Nov 2024 17:30  
 Operator : SY/MD  
 Sample : P4884-15  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3N9RE

Quant Time: Nov 27 00:24:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 27 00:19:46 2024  
 Response via : Initial Calibration

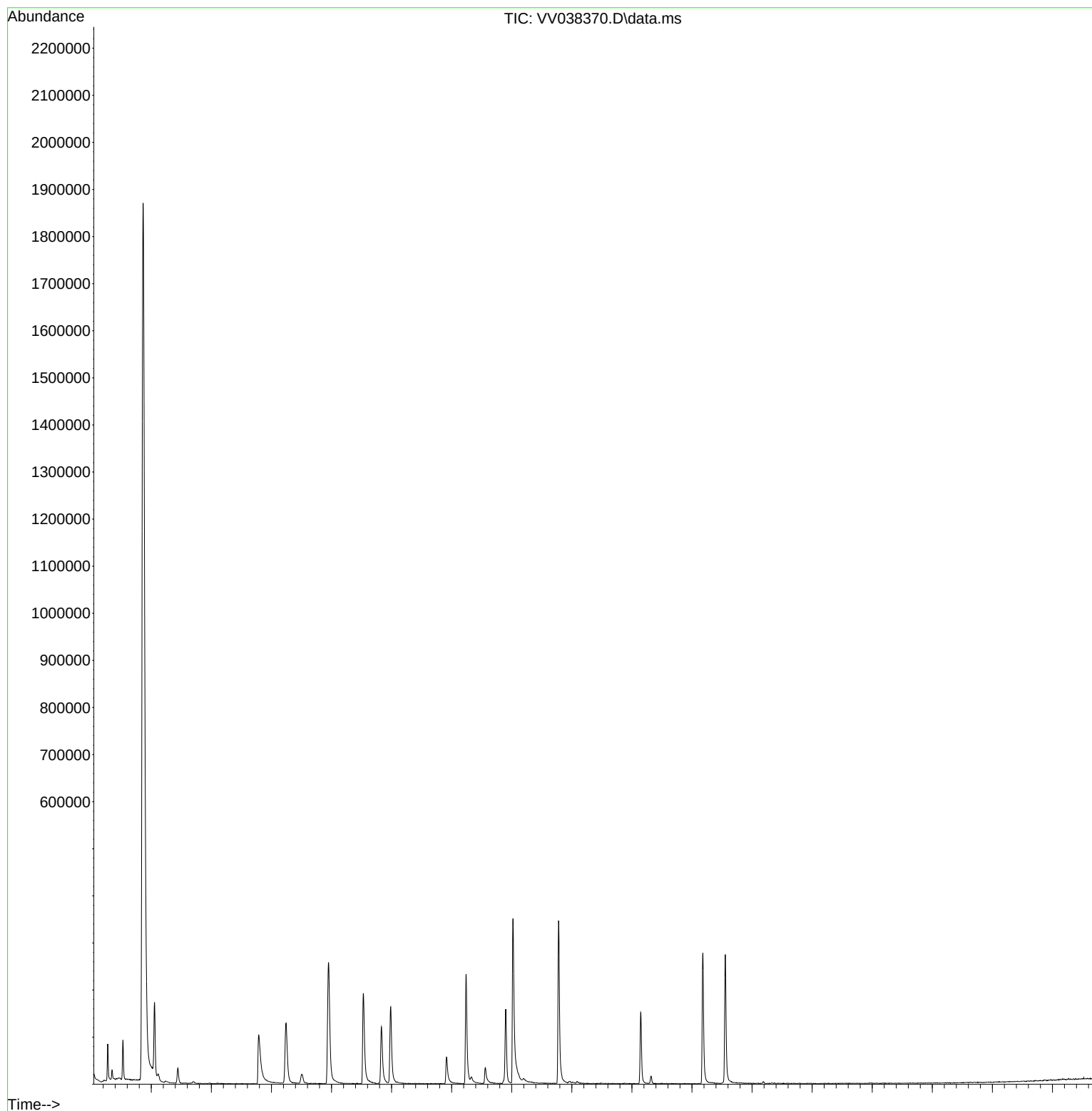
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 178186   | 5.000    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 200487   | 5.000    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 78395    | 5.000    | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 49721    | 3.641    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 72.800%   |
| 7) Chloroethane-d5            | 1.529  | 69    | 54152    | 4.902    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 98.000%   |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 24886    | 4.234    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 84.600%   |
| 20) 2-Butanone-d5             | 3.786  | 46    | 183994   | 67.344   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 134.680%# |
| 24) Chloroform-d              | 4.243  | 84    | 144975   | 5.470    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 109.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 74277    | 6.245    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 125.000%  |
| 32) Benzene-d6                | 4.953  | 84    | 233299   | 4.502    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 90.000%   |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 84468    | 5.298    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 106.000%  |
| 41) Toluene-d8                | 7.239  | 98    | 168821   | 3.521    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 70.400%   |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 26624    | 4.491    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 89.800%   |
| 46) 2-Hexanone-d5             | 8.021  | 63    | 127454   | 55.310   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 110.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 77583    | 5.732    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 114.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 74456    | 5.574    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 111.400%  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 2.442  | 84    | 13494    | 0.930    | ug/L  | 87        |
| 22) cis-1,2-Dichloroethene    | 3.815  | 96    | 3702     | 0.267    | ug/L  | 95        |
| 29) 1,1,1-Trichloroethane     | 4.510  | 97    | 17328    | 0.721    | ug/L  | 99        |
| 34) Trichloroethene           | 5.831  | 95    | 47564    | 3.098    | ug/L  | 97        |
| 47) Tetrachloroethene         | 7.899  | 164   | 36308    | 2.943    | ug/L  | 97        |
| -----                         |        |       |          |          |       |           |

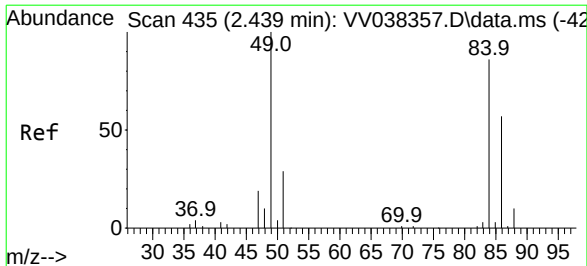
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.930 ug/L

RT: 2.442 min Scan# 43

Delta R.T. 0.003 min

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Instrument :

MSVOA\_V

ClientSampleId :

BG3N9RE

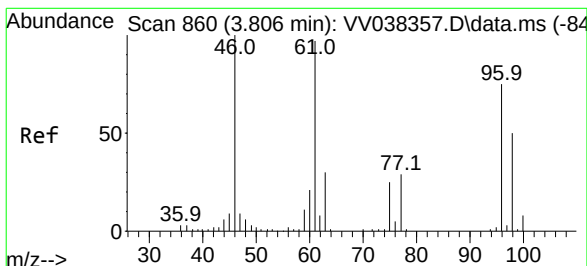
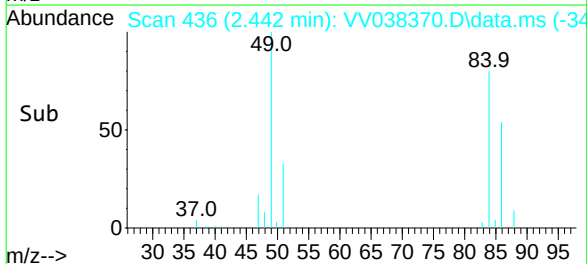
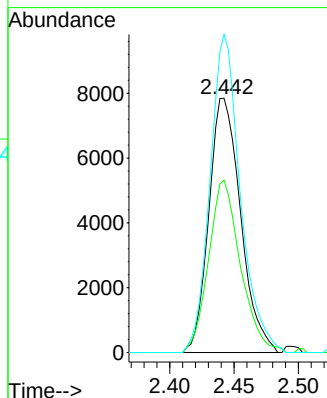
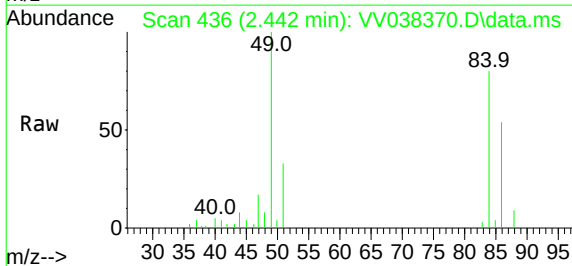
Tgt Ion: 84 Resp: 13494

Ion Ratio Lower Upper

84 100

86 67.8 44.2 82.2

49 125.1 74.9 139.1



#22

cis-1,2-Dichloroethene

Concen: 0.267 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.009 min

Lab File: VV038370.D

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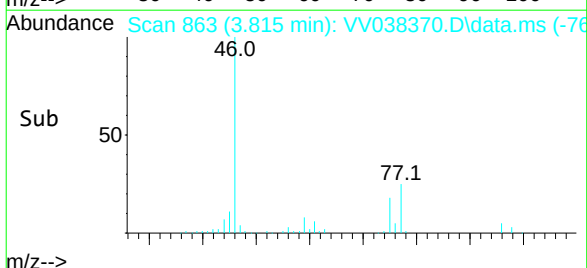
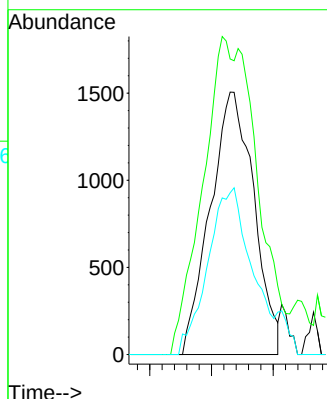
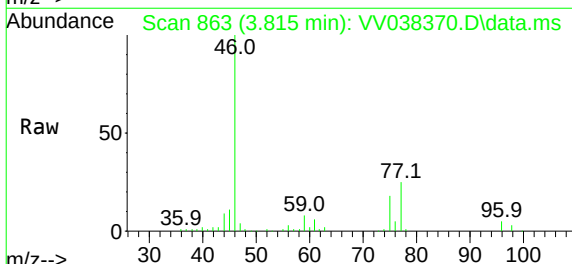
Tgt Ion: 96 Resp: 3702

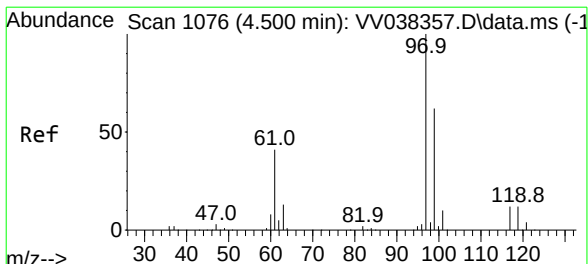
Ion Ratio Lower Upper

96 100

61 112.6 82.7 153.5

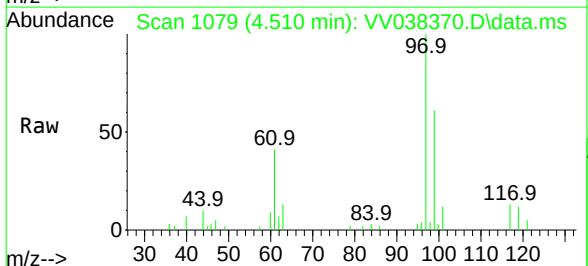
98 61.6 46.3 85.9



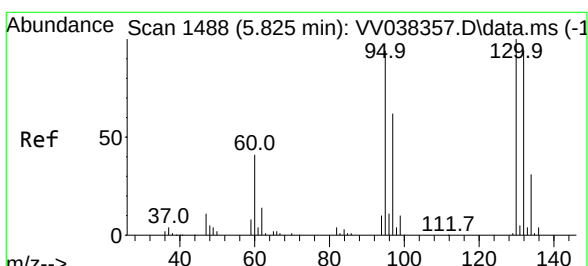
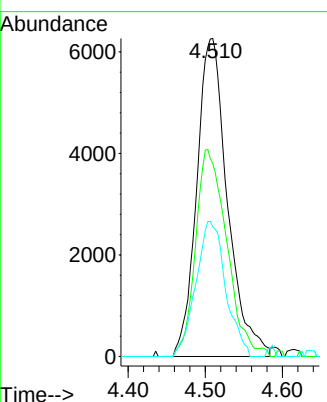
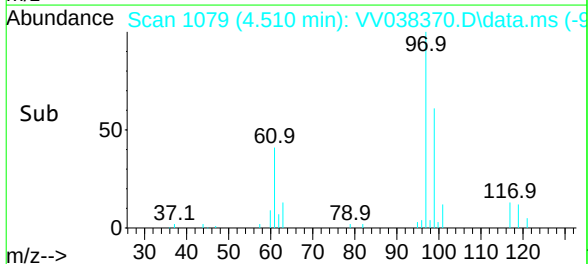


#29  
 1,1,1-Trichloroethane  
 Concen: 0.721 ug/L  
 RT: 4.510 min Scan# 1079  
 Delta R.T. 0.010 min  
 Lab File: VV038370.D  
 Acq: 26 Nov 2024 17:30

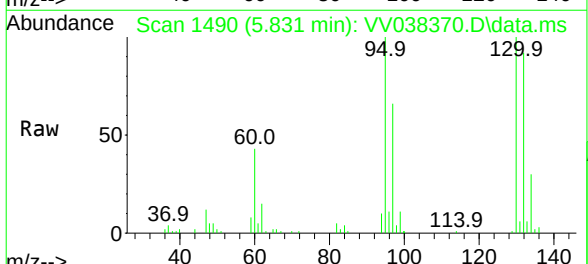
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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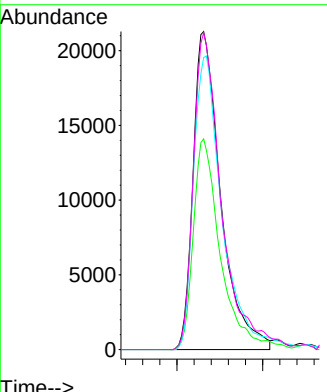
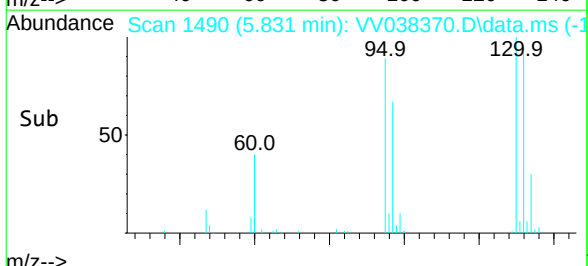
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 17328 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.2  | 51.8  | 77.8  |
| 61       | 41.3  | 32.2  | 48.2  |

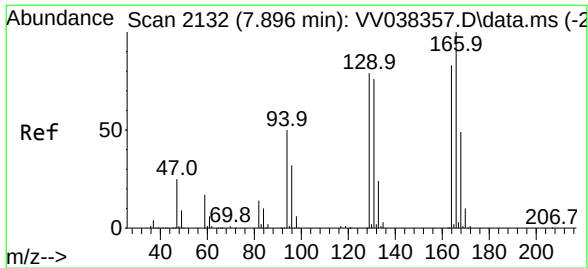


#34  
 Trichloroethene  
 Concen: 3.098 ug/L  
 RT: 5.831 min Scan# 1490  
 Delta R.T. 0.006 min  
 Lab File: VV038370.D  
 Acq: 26 Nov 2024 17:30



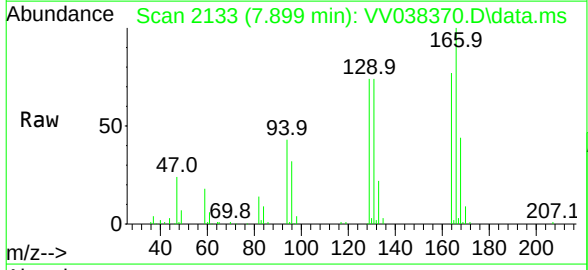
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 47564 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 66.3  | 44.8  | 83.2  |
| 132      | 91.8  | 68.3  | 126.8 |
| 130      | 99.6  | 70.2  | 130.4 |





#47  
 Tetrachloroethene  
 Concen: 2.943 ug/L  
 RT: 7.899 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VV038370.D  
 Acq: 26 Nov 2024 17:30

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 36308 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 95.9  | 68.5  | 127.1 |
| 131      | 96.5  | 64.8  | 120.4 |
| 166      | 129.9 | 88.3  | 163.9 |

