

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111621\  
 Data File : VW023533.D  
 Acq On : 16 Nov 2021 14:46  
 Operator : SY/MD  
 Sample : M4616-11DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG1Y4DL

Quant Time: Nov 17 00:52:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 17 00:48:57 2021  
 Response via : Initial Calibration

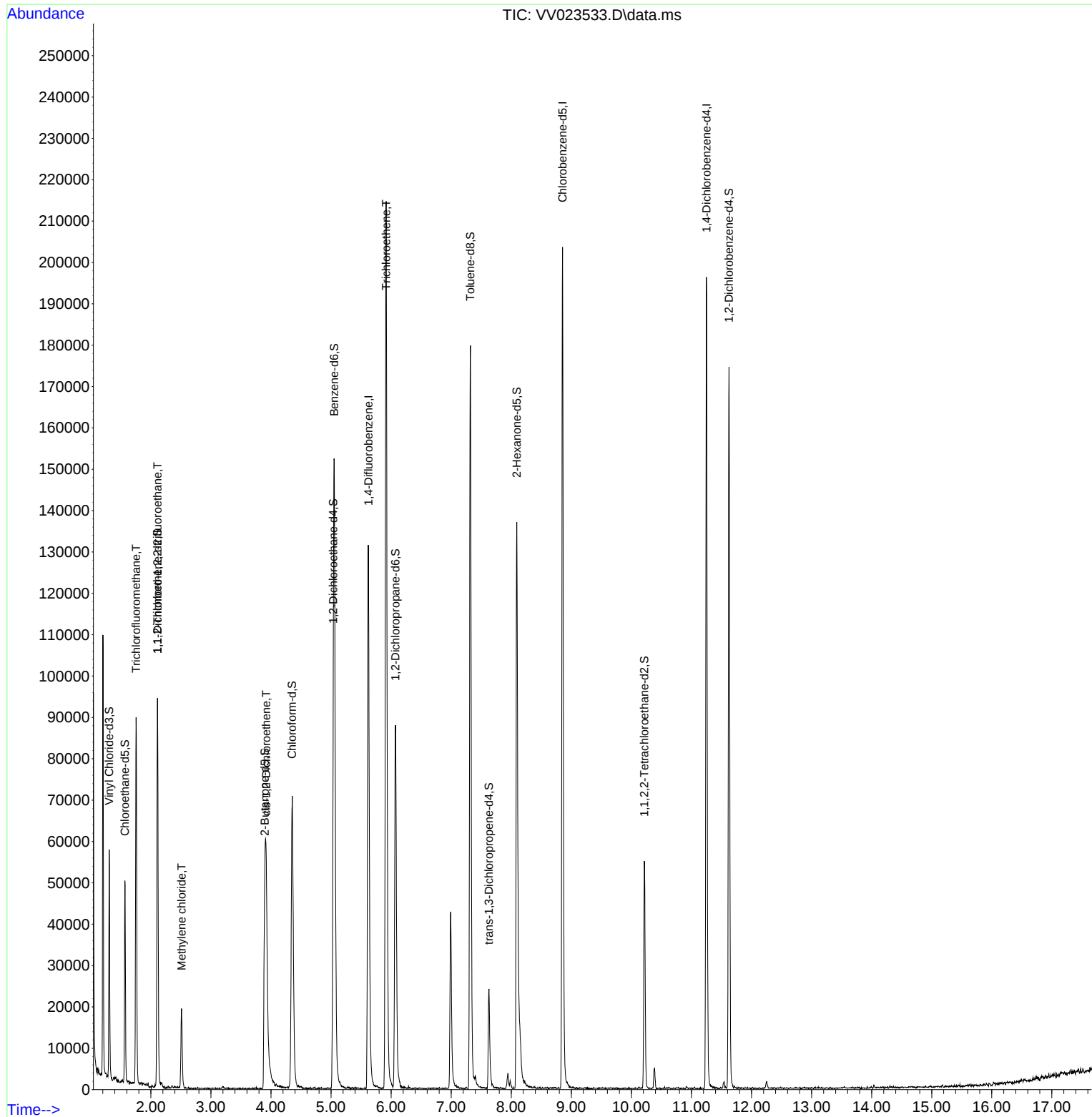
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 117166   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 115893   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 52346    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 33499    | 4.564    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 91.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 29126    | 4.869    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 97.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 48375    | 3.521    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.400%  |
| 20) 2-Butanone-d5             | 3.896  | 46    | 68682    | 54.313   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 108.620% |
| 24) Chloroform-d              | 4.352  | 84    | 72766    | 4.652    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 35192    | 5.003    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.000% |
| 32) Benzene-d6                | 5.053  | 84    | 138584   | 4.660    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 41833    | 4.779    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.600%  |
| 41) Toluene-d8                | 7.320  | 98    | 121077   | 4.345    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.000%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 14938    | 4.501    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.000%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 45588    | 37.330   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 74.660%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 25983    | 4.128    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 45911    | 5.267    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 50208    | 3.444    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101   | 982      | 0.134    | ug/L # | 58       |
| 16) Methylene chloride        | 2.513  | 84    | 7134     | 0.700    | ug/L   | 93       |
| 22) cis-1,2-Dichloroethene    | 3.921  | 96    | 19477    | 2.356    | ug/L # | 90       |
| 34) Trichloroethene           | 5.915  | 95    | 70176    | 8.147    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

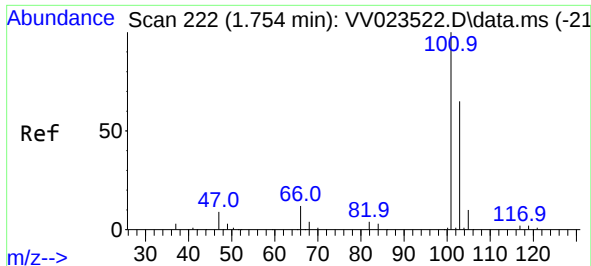
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Nov 17 00:48:57 2021  
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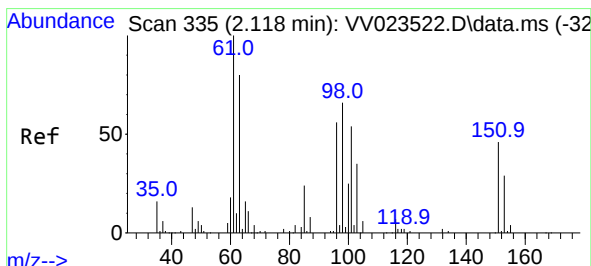
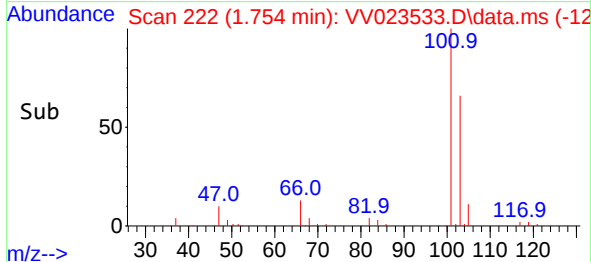
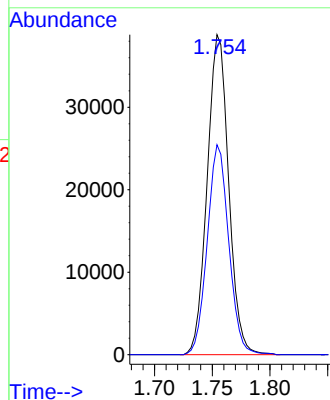
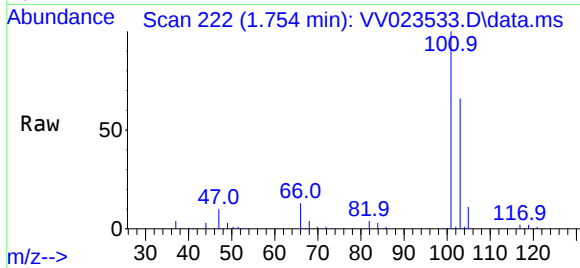




#9  
 Trichlorofluoromethane  
 Concen: 3.444 ug/L  
 RT: 1.754 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VV023533.D  
 Acq: 16 Nov 2021 14:46

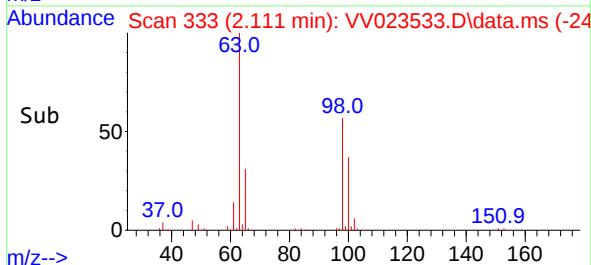
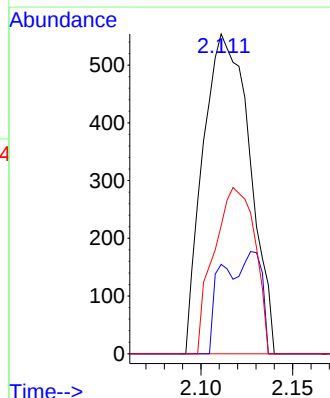
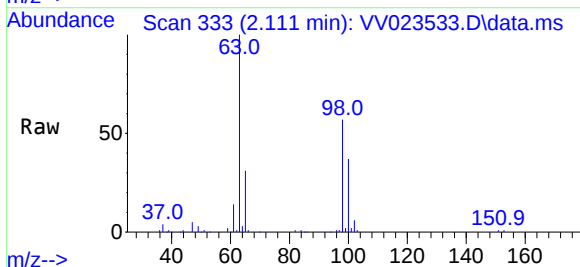
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG1Y4DL

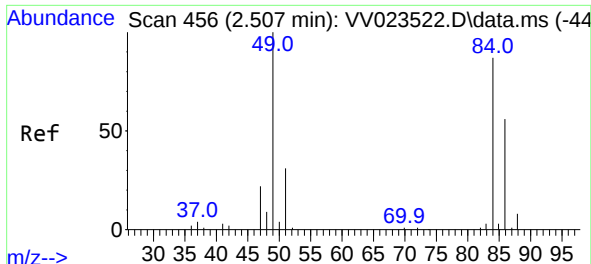
Tgt Ion:101 Resp: 50208  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 52.6 79.0



#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.134 ug/L  
 RT: 2.111 min Scan# 333  
 Delta R.T. -0.006 min  
 Lab File: VV023533.D  
 Acq: 16 Nov 2021 14:46

Tgt Ion:101 Resp: 982  
 Ion Ratio Lower Upper  
 101 100  
 85 11.2 35.3 52.9#  
 151 45.5 62.2 93.2#

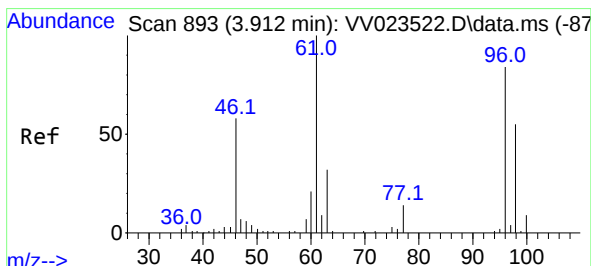
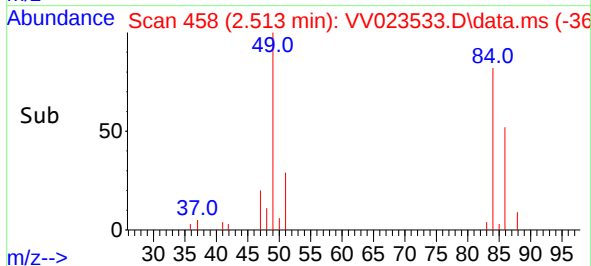
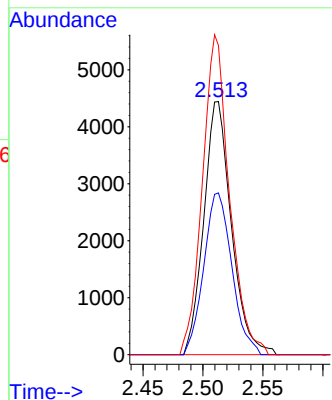
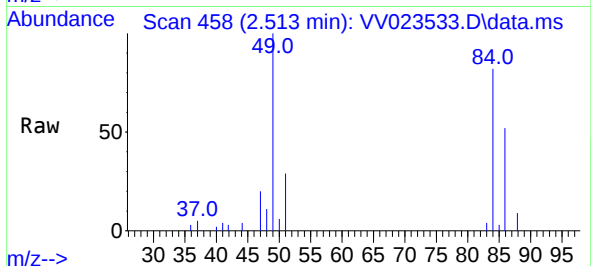




#16  
Methylene chloride  
Concen: 0.700 ug/L  
RT: 2.513 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VV023533.D  
Acq: 16 Nov 2021 14:46

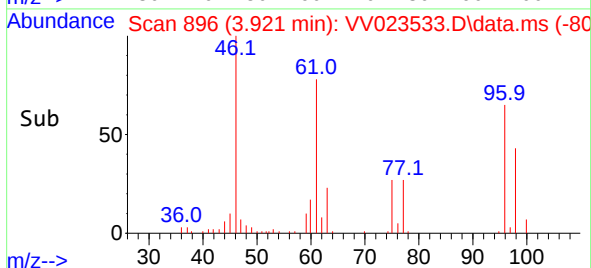
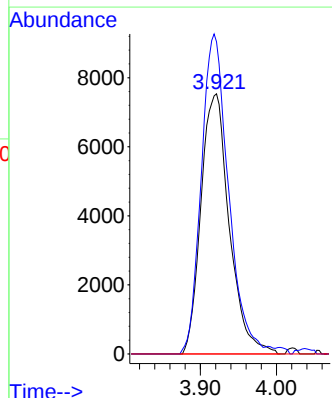
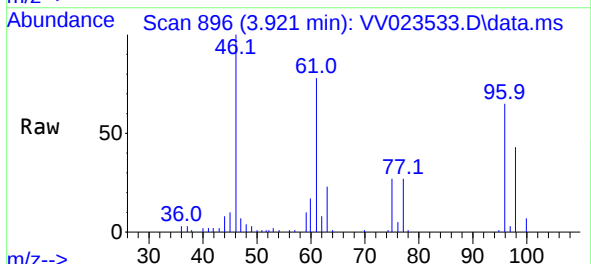
Instrument :  
MSVOA\_V  
ClientSampleId :  
BG1Y4DL

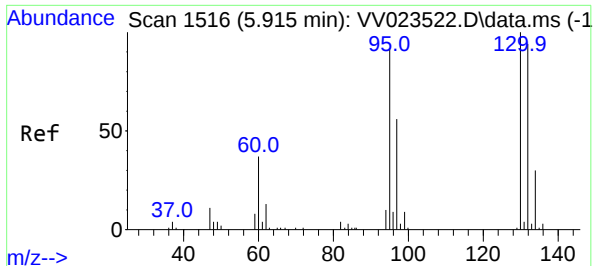
Tgt Ion: 84 Resp: 7134  
Ion Ratio Lower Upper  
84 100  
86 63.9 42.3 78.5  
49 122.1 79.7 148.1



#22  
cis-1,2-Dichloroethene  
Concen: 2.356 ug/L  
RT: 3.921 min Scan# 896  
Delta R.T. 0.010 min  
Lab File: VV023533.D  
Acq: 16 Nov 2021 14:46

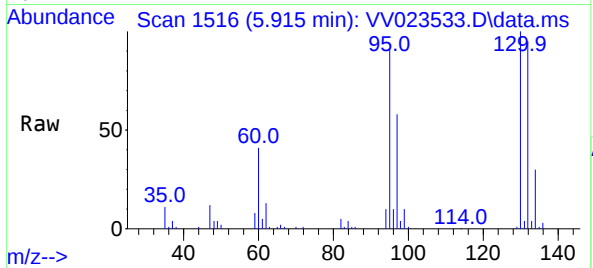
Tgt Ion: 96 Resp: 19477  
Ion Ratio Lower Upper  
96 100  
61 120.0 92.3 171.3  
68 0.0 0.4 0.8#





#34  
 Trichloroethene  
 Concen: 8.147 ug/L  
 RT: 5.915 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VV023533.D  
 Acq: 16 Nov 2021 14:46

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG1Y4DL



Tgt Ion: 95 Resp: 70176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.4  | 45.0  | 83.6  |
| 132 | 105.3 | 69.7  | 129.4 |
| 130 | 110.3 | 73.7  | 136.9 |

