Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041819\
Data File : VU031279.D
Acq On : 18 Apr 2019 00:44
Operator : JC/SP
Sample : K2410-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0X47

Quant Time: Apr 18 09:36:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 18 08:39:25 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 241995 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 226356 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 92241 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 118127 | 5.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 118.40% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 96648 | 5.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 116.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 167138 | 4.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 81.20% | | | |
| 20) 2-Butanone-d5 | 4.21 | 46 | 269516 | 58.32 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 116.64% | | | |
| 24) Chloroform-d | 4.64 | 84 | 155672 | 5.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 107.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 81674 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 110.20% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 313345 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 102858 | 5.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.40% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 262592 | 4.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 32213 | 4.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 82.60% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 205597 | 53.71 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 107.42% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 83290 | 5.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 109.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 96527 | 5.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 111.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.88 | 101 | 54738 | 1.672 | ug/L | 99 |
| 13) Acetone | 2.35 | 43 | 12814 | 3.398 | ug/L | 66 |
| 34) Trichloroethene | 6.18 | 95 | 64524 | 3.475 | ug/L | 96 |
| 47) Tetrachloroethene | 8.22 | 164 | 44717 | 3.189 | ug/L | 98 |

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 18 08:39:25 2019
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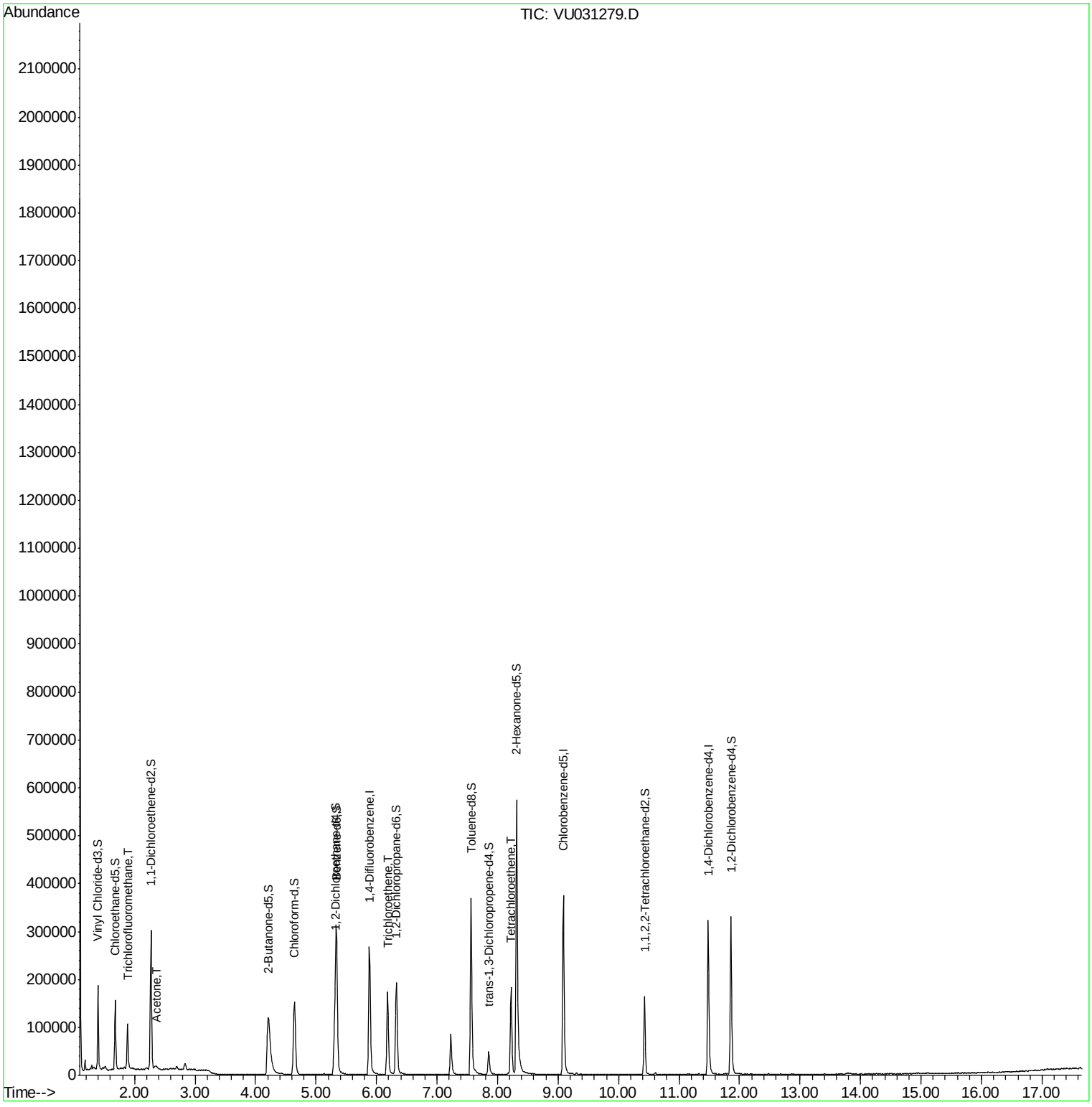
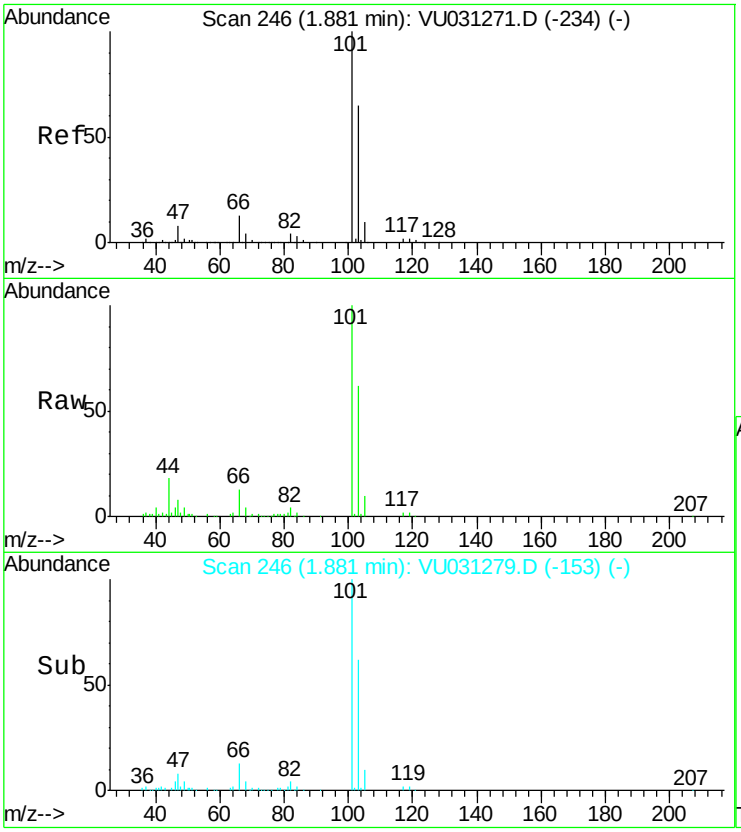


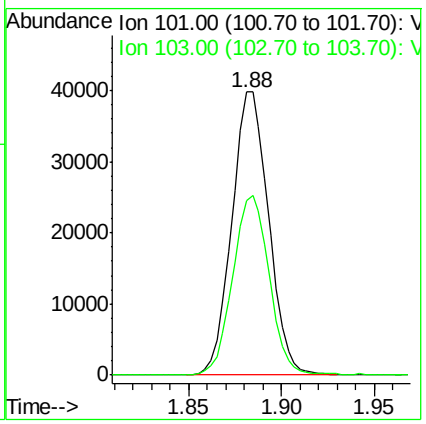


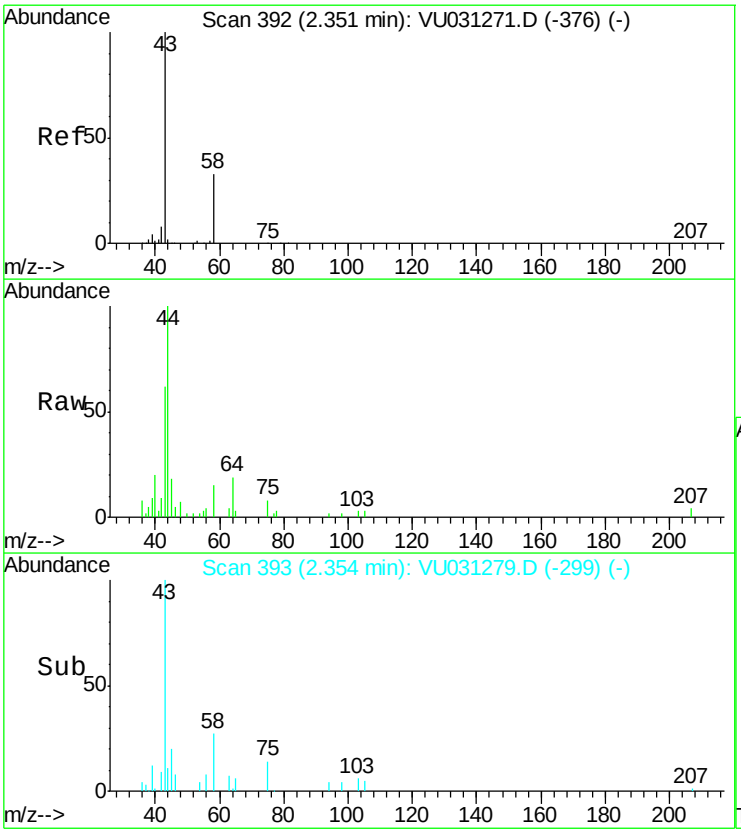

#9
Trichlorofluoromethane
Concen: 1.672 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031279.D
Acq: 18 Apr 2019 00:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0X47

Tgt Ion:101 Resp: 54738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.8 | 50.9 | 76.3 |

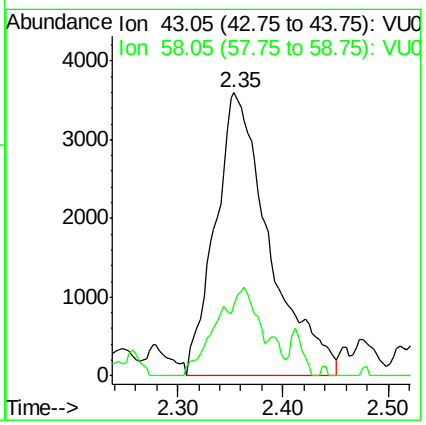


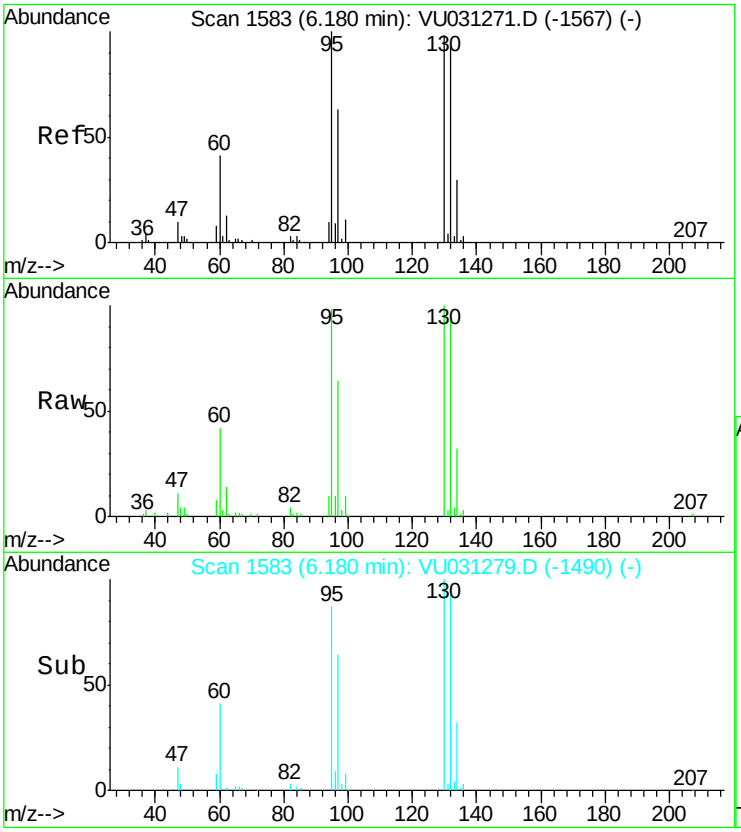




#13
Acetone
Concen: 3.398 ug/L
RT: 2.35 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU031279.D
Acq: 18 Apr 2019 00:44

Tgt Ion: 43 Resp: 12814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 13.6 | 0.0 | 65.8 |



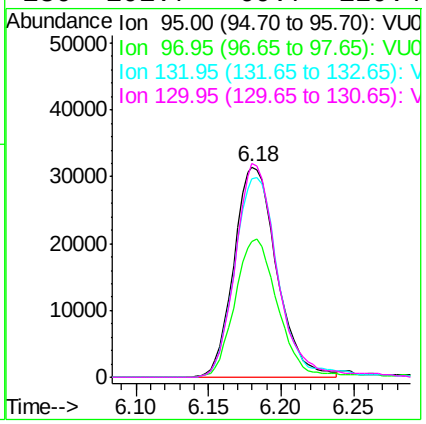


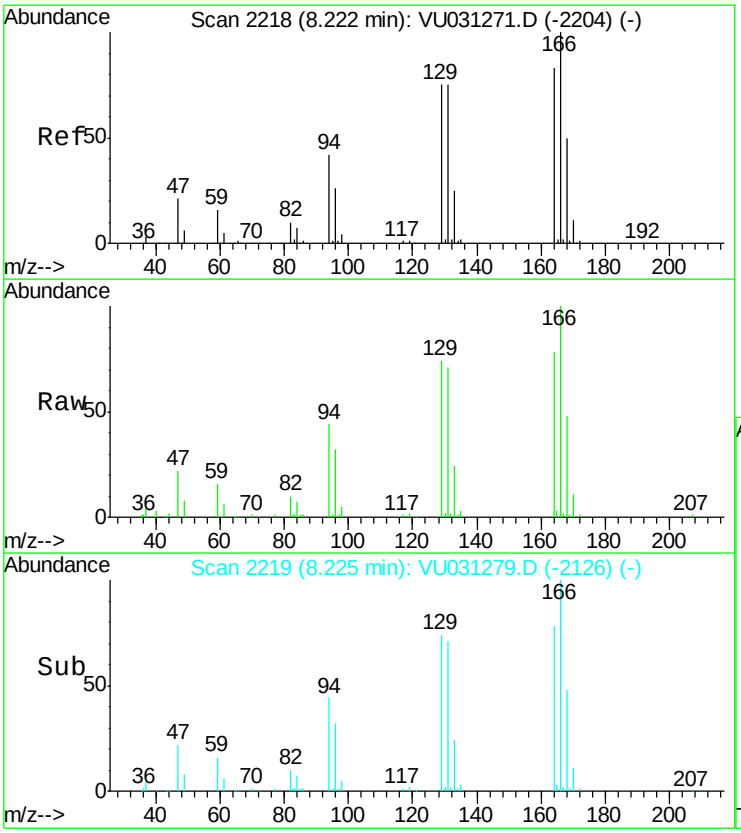

#34
Trichloroethene
Concen: 3.475 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031279.D
Acq: 18 Apr 2019 00:44

**Instrument :** MSVOA_U
**ClientSampleId :** C0X47

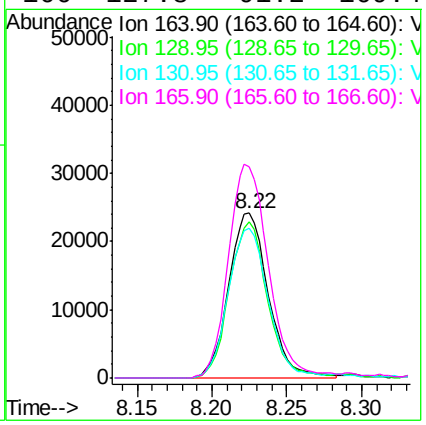
Tgt Ion: 95 Resp: 64524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.9 | 42.7 | 79.3 |
| 132 | 94.4 | 62.7 | 116.5 |
| 130 | 101.7 | 69.7 | 129.4 |




#47
Tetrachloroethene
Concen: 3.189 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031279.D
Acq: 18 Apr 2019 00:44

Tgt Ion:164 Resp: 44717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 94.8 | 65.2 | 121.2 |
| 131 | 90.7 | 61.9 | 114.9 |
| 166 | 127.8 | 91.2 | 169.4 |