

**Editor's Comment:**

I have critically read and analysed this manuscript and come up with a conclusion that this manuscript is potentially worthy for publication with the following minor changes highlighted and other track changes directly indicated on the manuscript attached to improve its quality:

- 1) Recommendations need to be made at the discussion section suggesting further study of Variation of non-polar metabolites with in *Gossypium hirsutum* L. varieties under water stress since this plant can be affected by chemical variation within its species as indicated in line 65.
- 2) Authors need to give the GC-MS conditions in details, e.g. oven temperature, gradient steps if so, flow rate.. e.t.c. see line 112
- 3) Table 1 needs to be presented in scientific presentation format used for publication.
- 4) The Author(s) need to give more information on the implication of higher content of some metabolites than others on water stress tolerance both in water stressed *G. hirsutum* stem and water stressed *G. hirsutum* leaf obtained in this study. It was though partially tackled in the last paragraph of the results and discussion section.
- 5) Lastly the final manuscript could benefit from grammatical editing and proof reading before published.

**Editor's Details:**

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