

Supporting Information

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First Report on the Volatile Composition of *Tricholoma anatolicum* in Comparison with *Tricholoma caligatum*

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Figure S1: Basidiomata of *T. anaticum* (A) and *T. caligatum* (B)

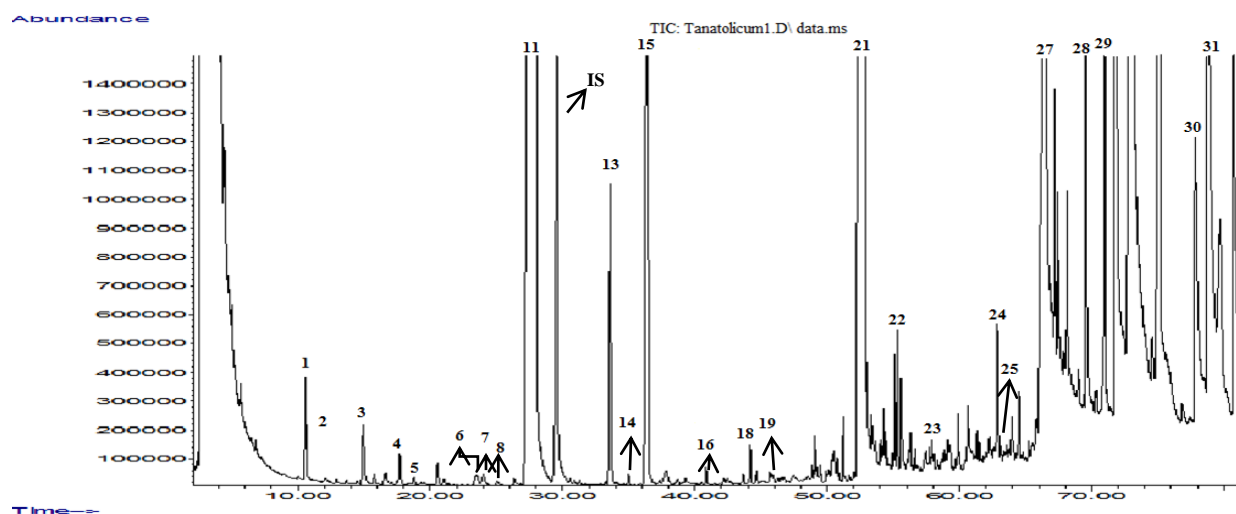


Figure S2: GC-MS chromatogram of volatile compounds from *T. anaticum*

- 1) 3-penten-2-ol; 2) Limonene; 3) 3-octanone, 4) 2-hexanol, 5) 3-methyl-2-buten-1-ol, 6) nonanal, 7) 3-octanol, 8) (E)-2-octenal, 11) 1-octen-3-ol, IS :internal standard, 13) 1-octanol, 14) γ -butyrolactone, 15) (E)-2-octen-1-ol, 16) 2 (5H) furanone, 18) 1-phenylethanol, 19) hexanoic acid, 21) methyl cinnamate, 22) 2-octenoic acid, 23) decanoic acid, 24) dodecanoic acid, 25) drimenol, 27) linoleic acid, 28) pentadecanoic acid, 29) hexadecanoic acid, 30) octadecanoic acid, 31) oleic acid

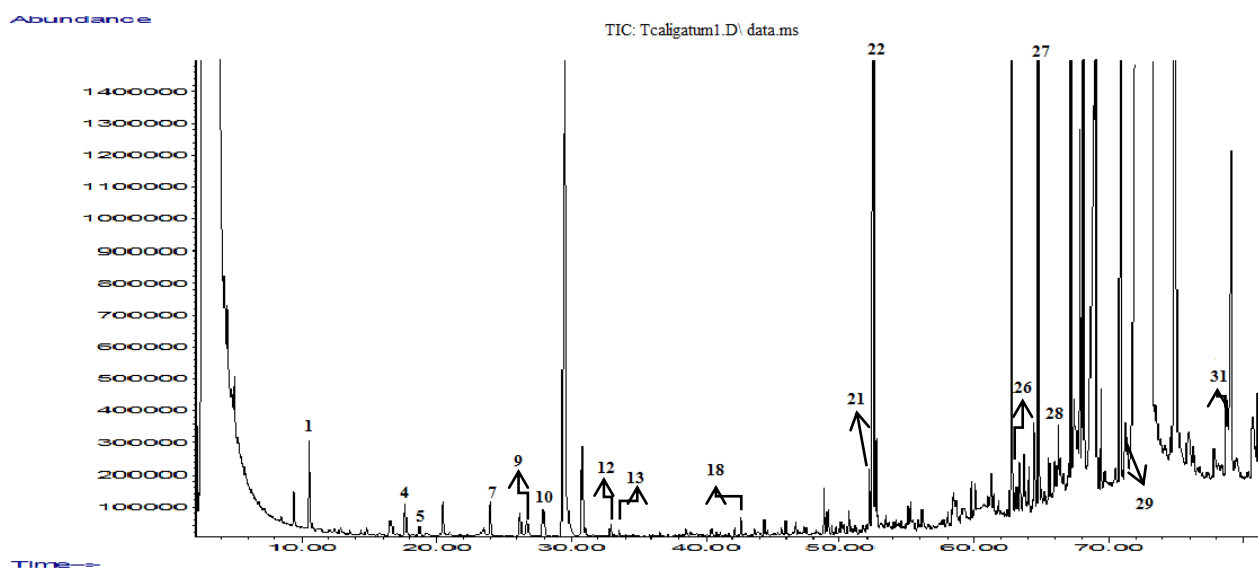


Figure S3: GC-MS chromatogram of volatile compounds from *T. caligatum*

1) 3-penten-2-ol; 4) 2-hexanol, 5) 3-methyl-2-buten-1-ol, 7) 3-octanol, , 9) (Z)-furan linalool oxide, 10) (E)-limonene oxide, **IS** : internal standard, 12) linalool, 13) 1-octanol, 17) (Z)-pyran linalool oxide, 20) (Z)-nerolidol, 21) methyl cinnamate, 25) drimenol, 26) 1-H-indole, 2,6-Dimethyl, 27) linoleic acid, 29) hexadecanoic acid, 31) oleic acid