



# Antibiotic and nematocidal metabolites from two lichen species collected on the island of Lampedusa (Sicily)

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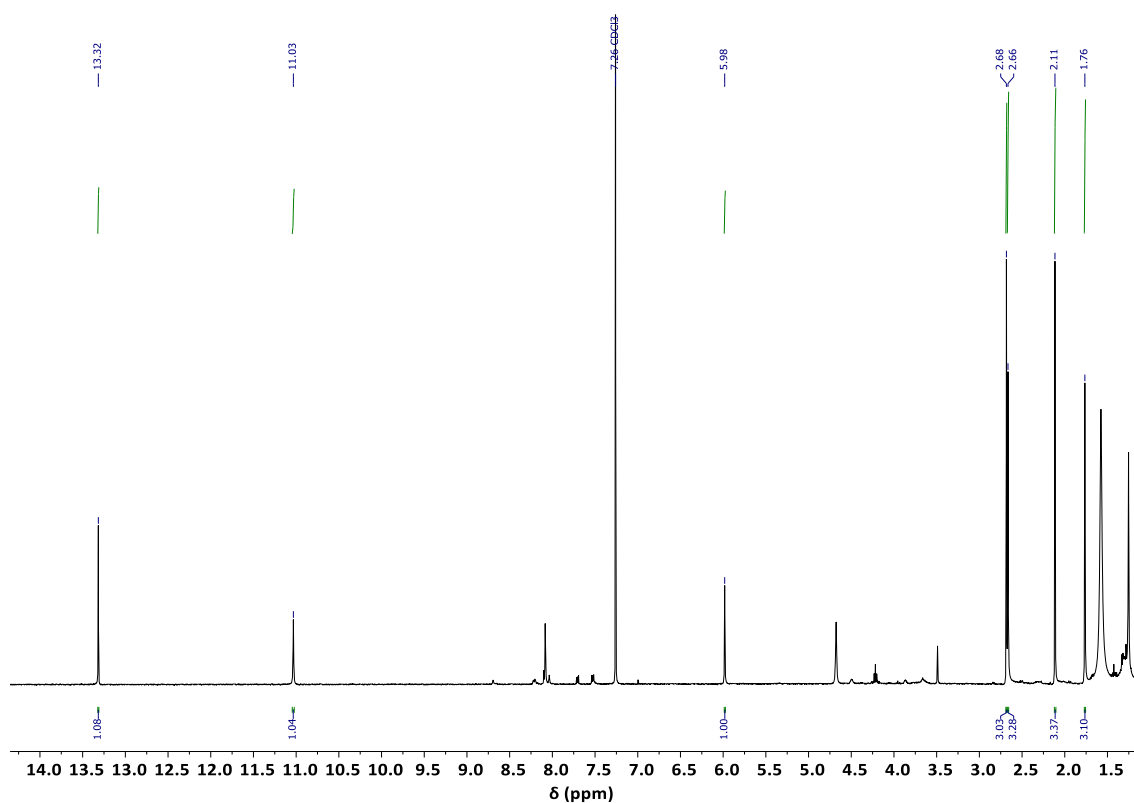
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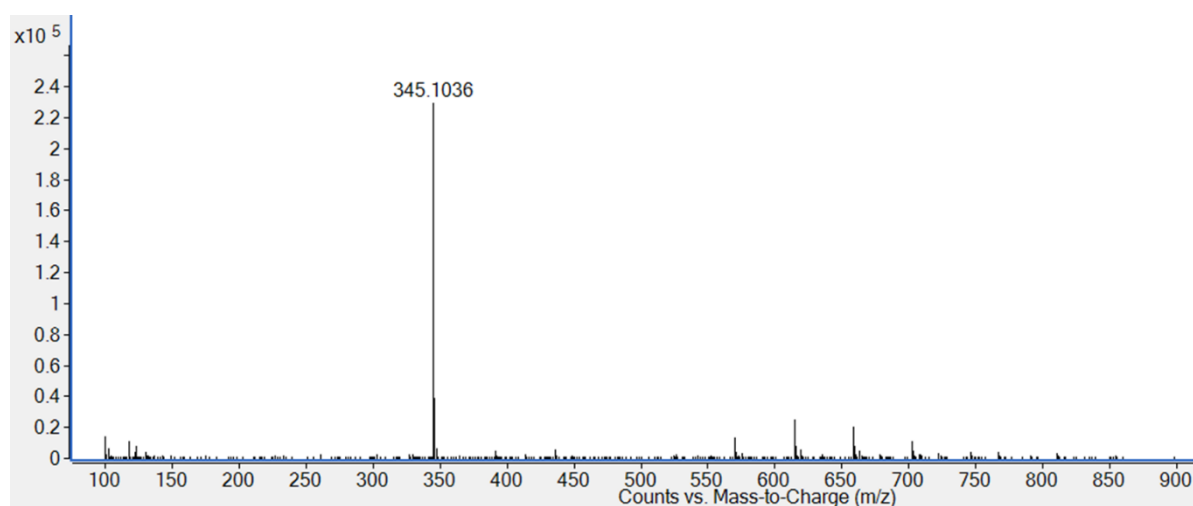


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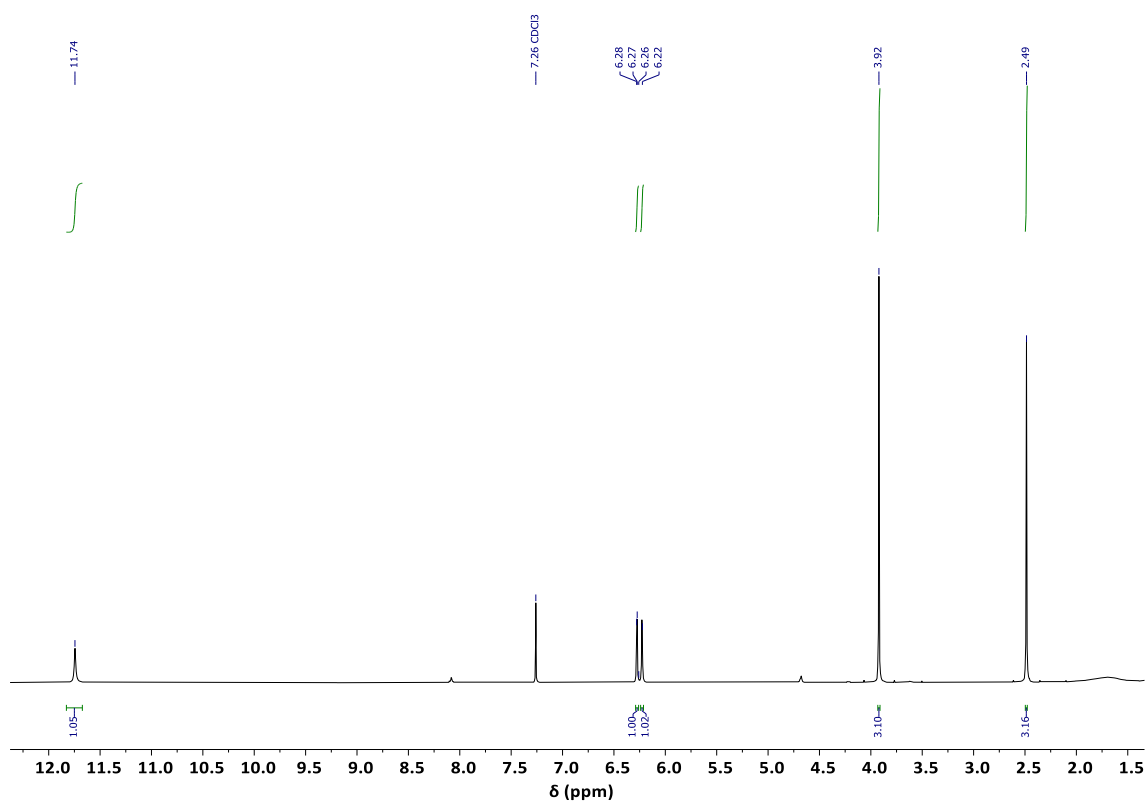
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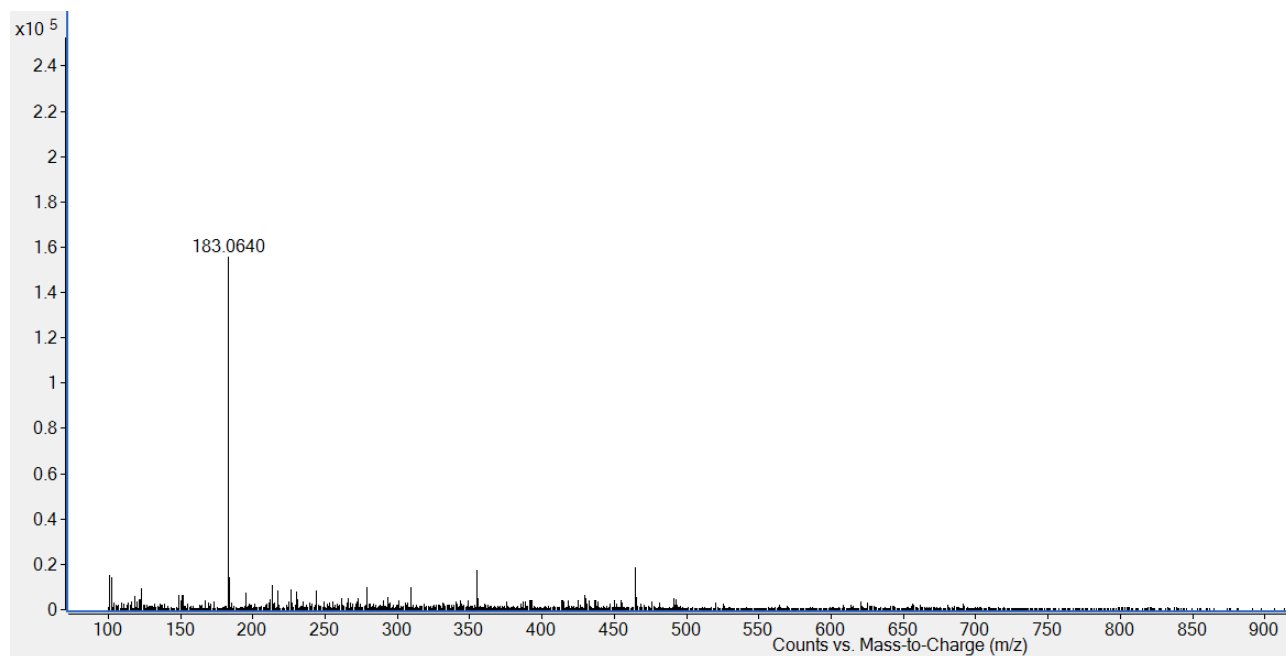
**Figure S1.**  $^1\text{H}$  NMR spectrum (400 MHz) of (+)-usnic acid (**1**) in  $\text{CDCl}_3$



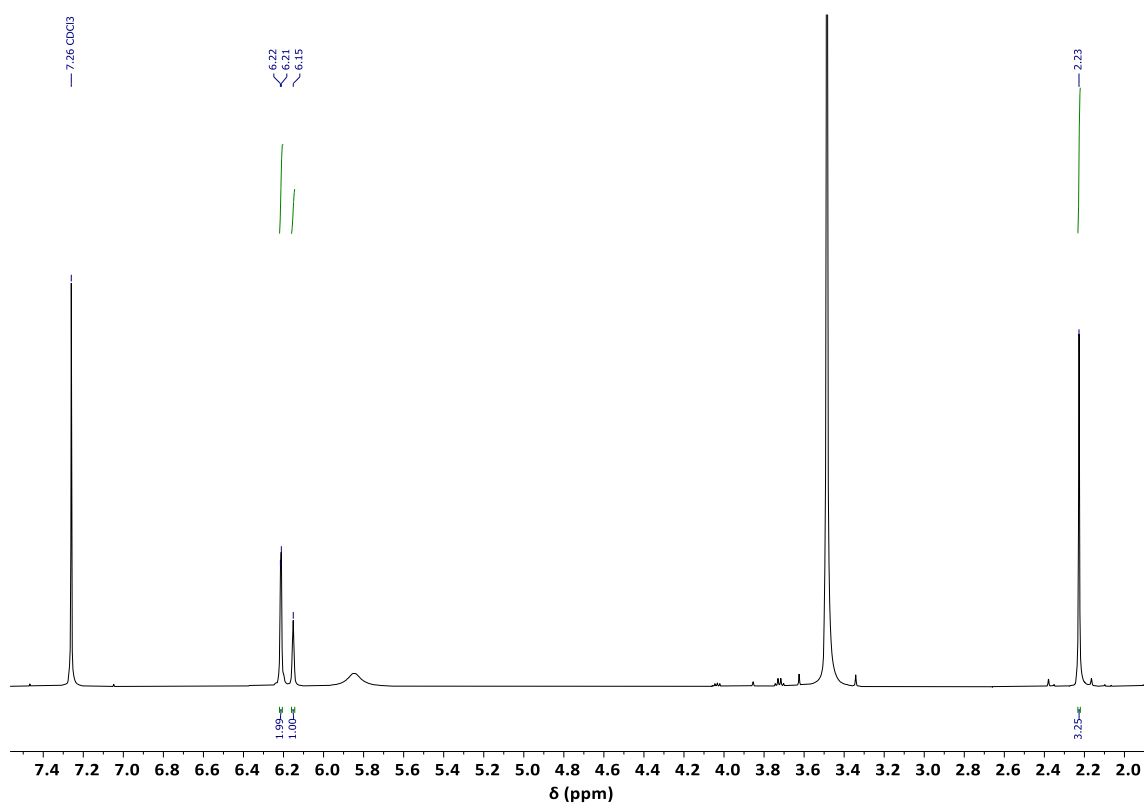
**Figure S2.** ESI MS spectrum of (+)-usnic acid (**1**) recorded in positive mode



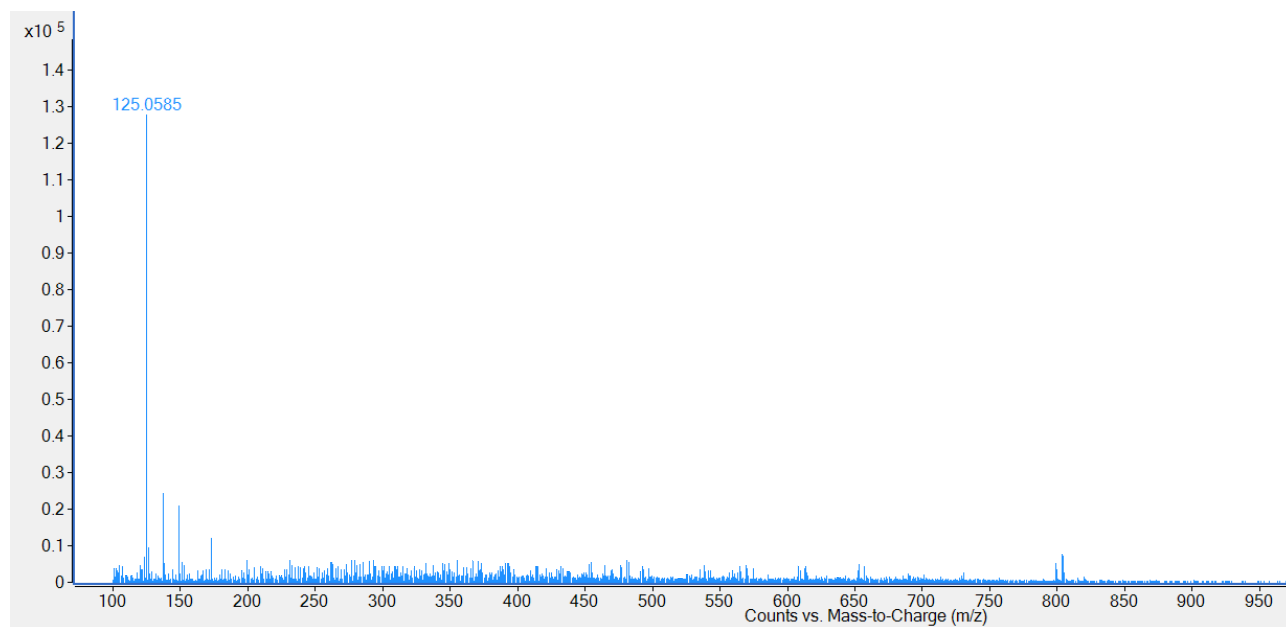
**Figure S3.**  $^1\text{H}$  NMR spectrum (500 MHz) of methyl orsellinate (**2**) in  $\text{CDCl}_3$



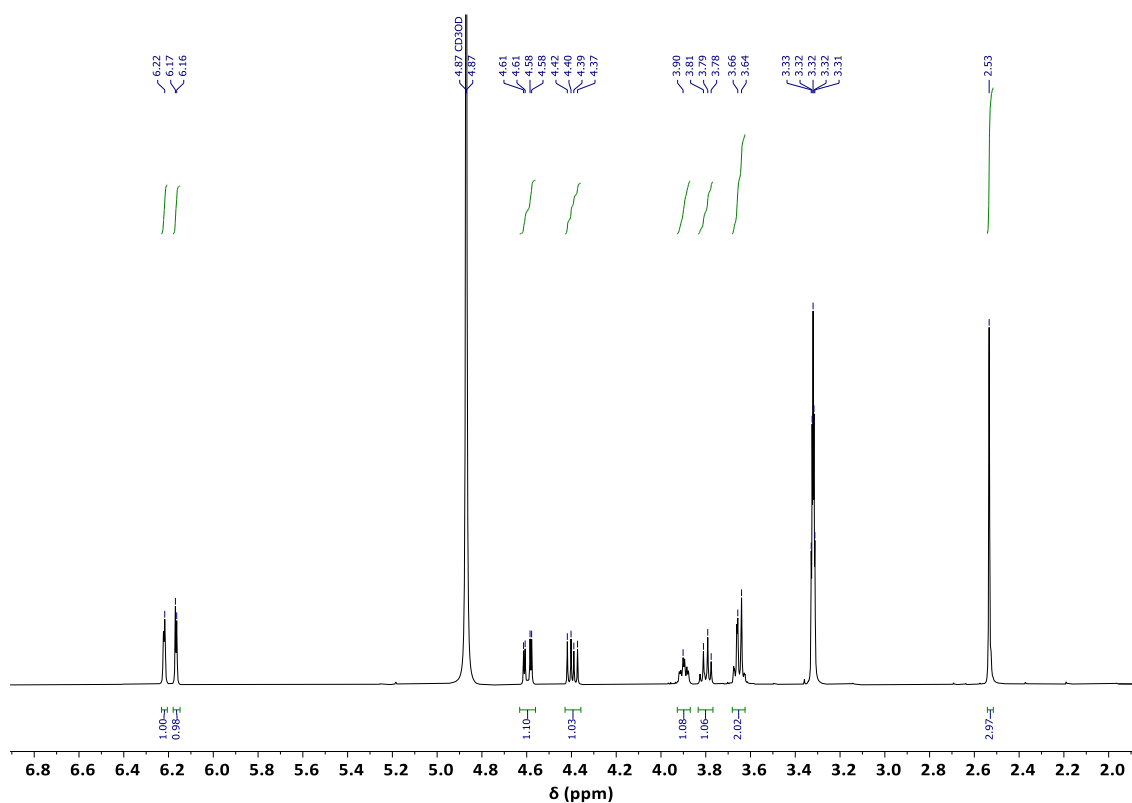
**Figure S4.** ESI MS spectrum of methyl orsellinate (**2**) recorded in positive mode



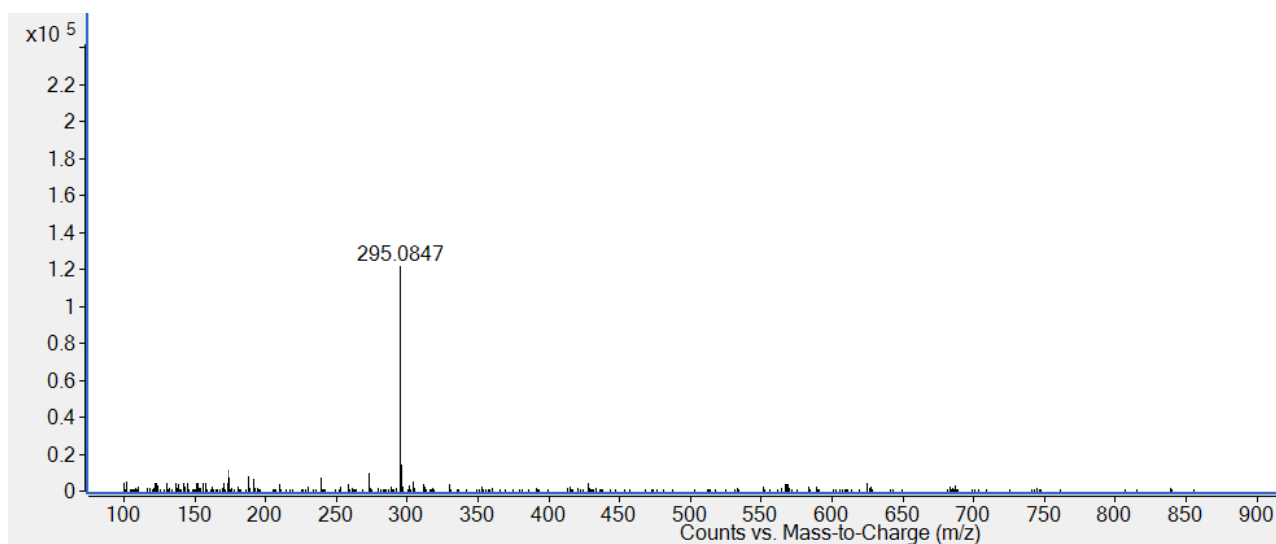
**Figure S5.**  $^1\text{H}$  NMR spectrum (500 MHz) of orcinol (**3**) in  $\text{CDCl}_3$



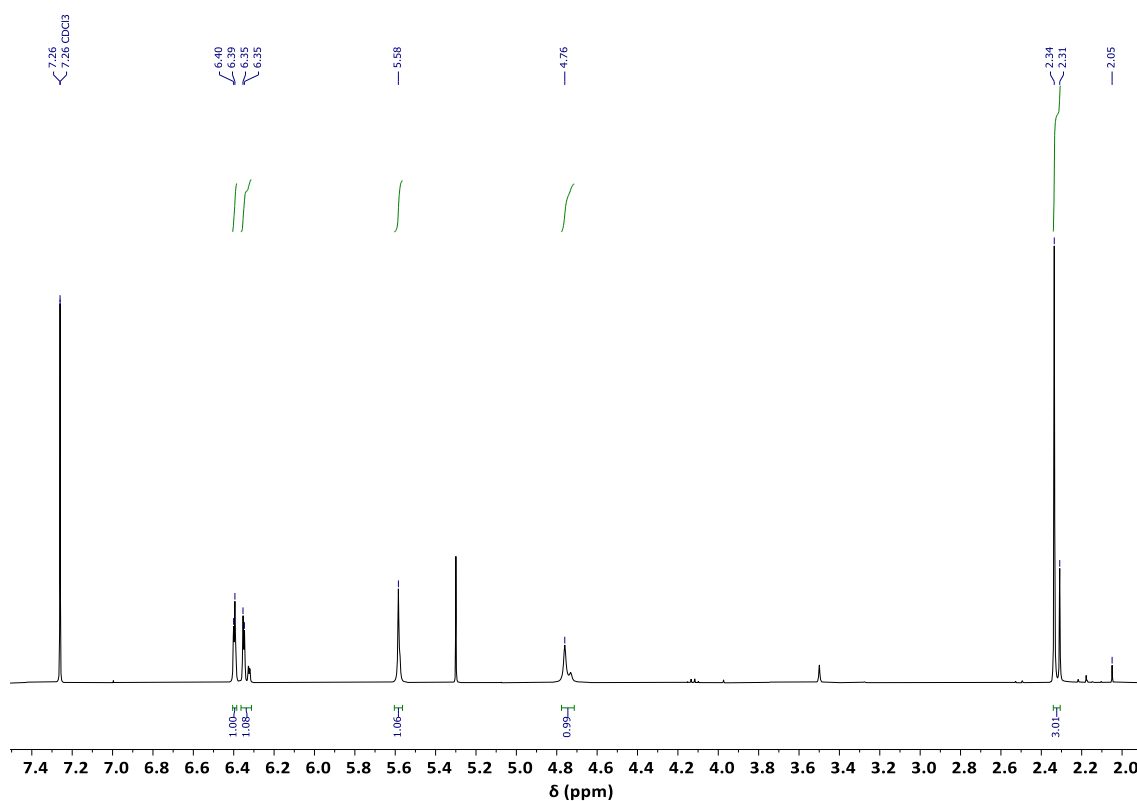
**Figure S6.** ESI MS spectrum of orcinol (**3**) recorded in positive mode



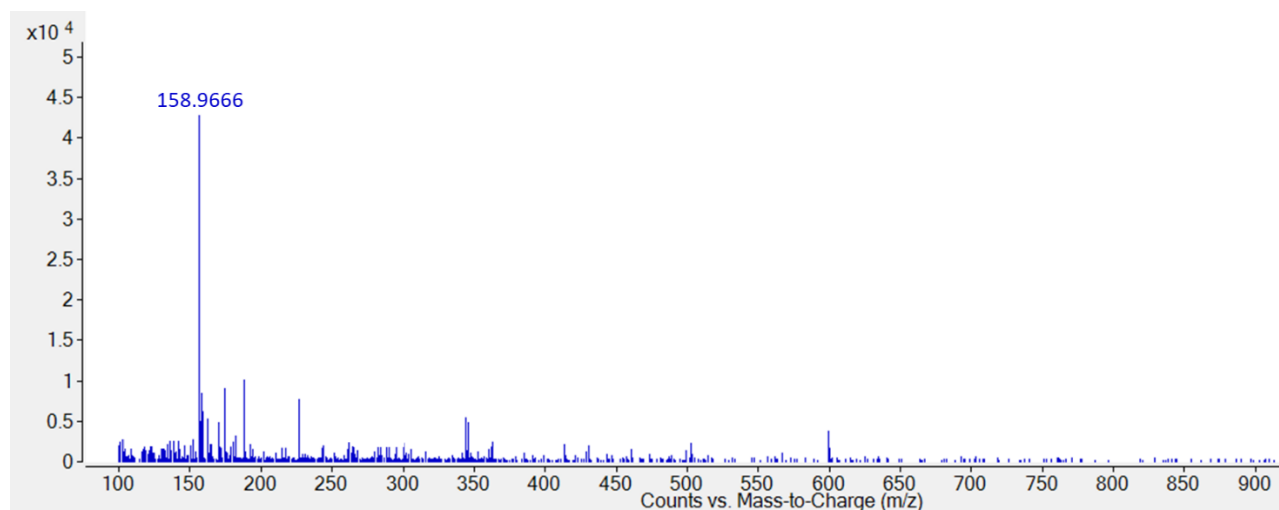
**Figure S7.**  $^1\text{H}$  NMR spectrum (400 MHz) of (+)-montagnetol (**4**) in  $\text{CD}_3\text{OD}$



**Figure S8.** ESI MS spectrum of (+)-montagnetol (**4**) recorded in positive mode



**Figure S9.**  $^1\text{H}$  NMR spectrum (400 MHz) of 4-chloroorcinol (**5**) in  $\text{CDCl}_3$



**Figure S10.** ESI MS spectrum of 4-chloroorcinol (**5**) recorded in positive mode