Supplementary Material

Room Temperature Operational Thermochromic liquid crystals

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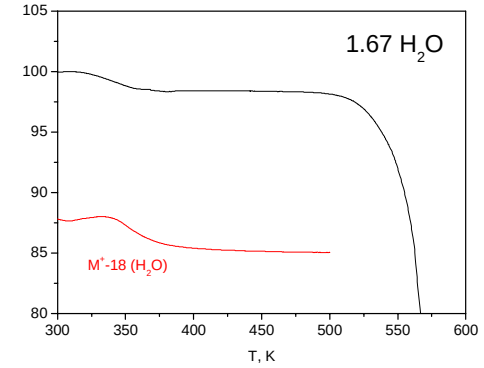
1



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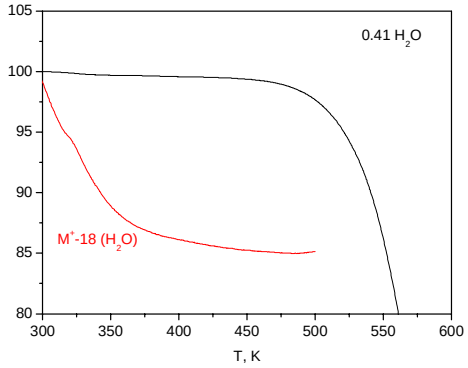

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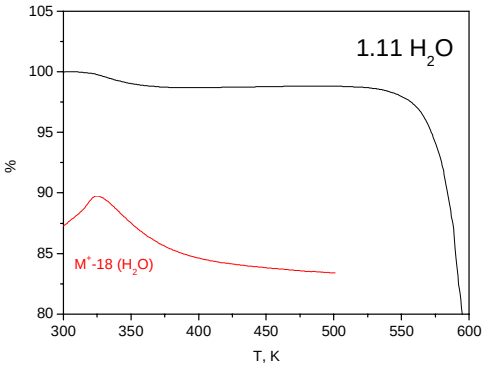

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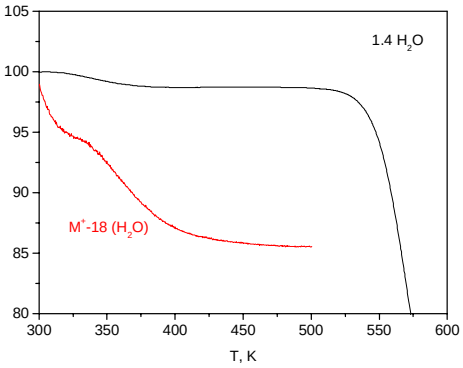

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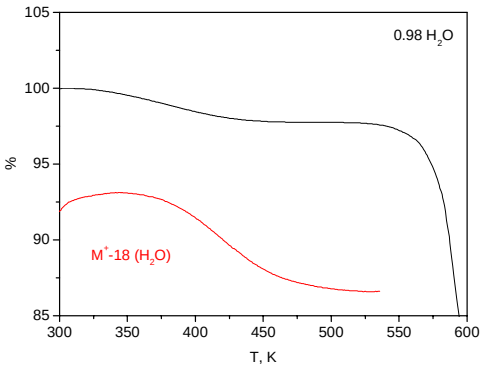

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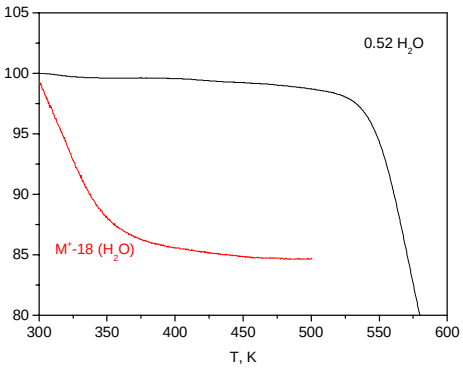
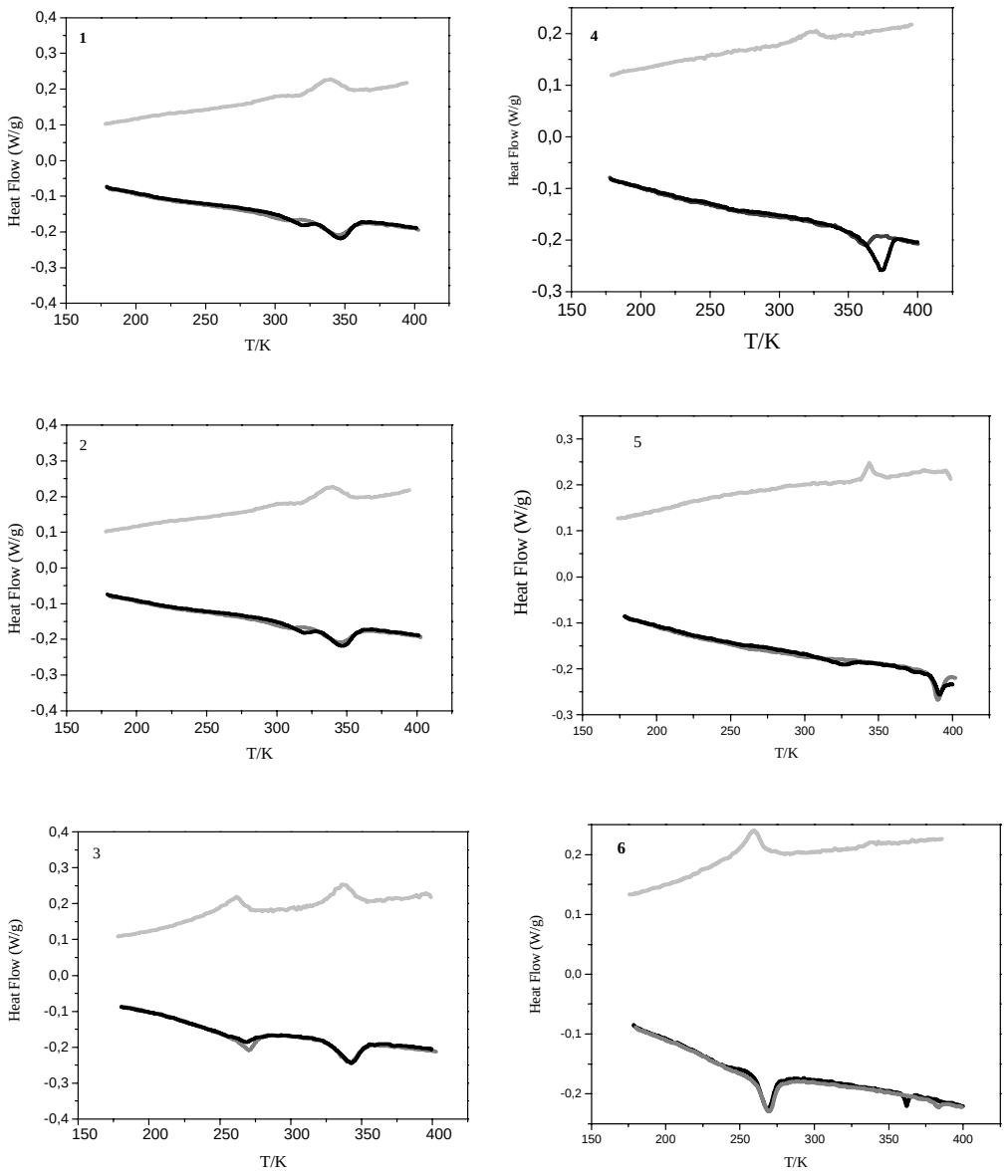
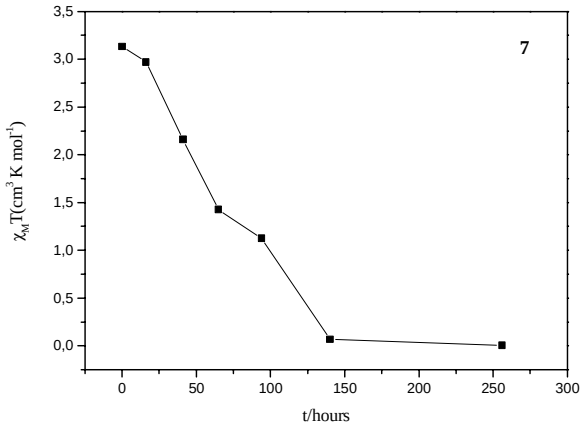
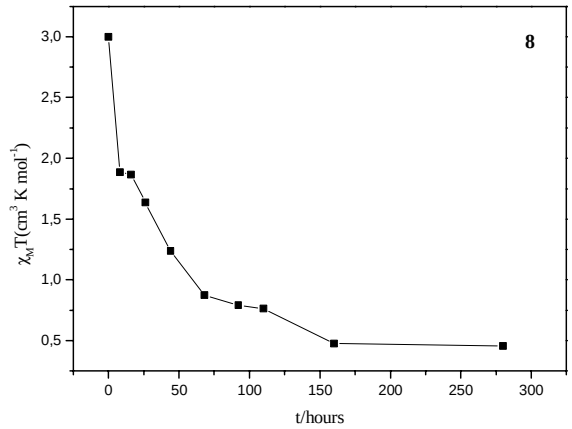


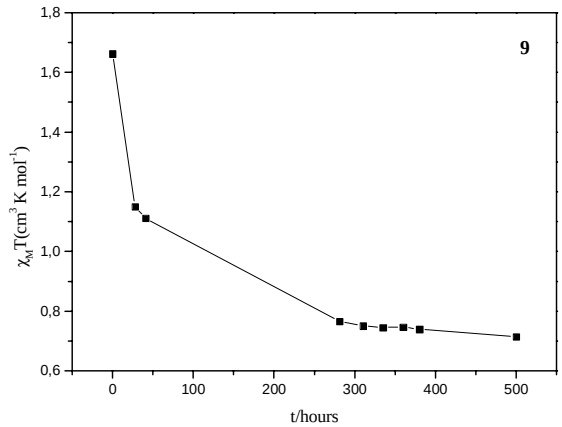
SFigure1. TGA analysis of materials **1-6**.



SFigure 2. DSC data of complexes **1-3** (left) and **4-6** (right) in the warming and cooling modes recorded at the rate of 5K/min.







SFigure 3. Materials **7-9** were kept at 300 K and the magnetic susceptibilty was measured as a function of time. Magnetic susceptibilty decreases as a consequence of change of spin state due to the water resorption process. After 10 days materials **7-9** transform into materials **1-3** under atmospheric conditions.