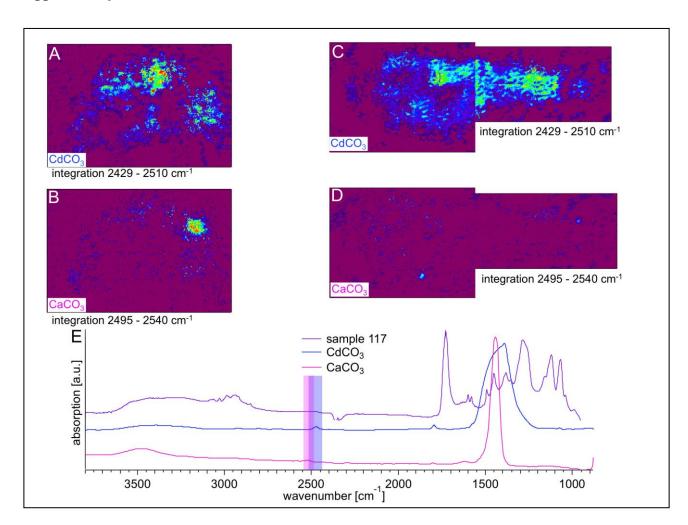
SR-FTIR Imaging of the Altered Cadmium Sulfide Yellow Paints in Henri Matisse's *Le Bonheur de vivre* (1905-6) – Examination of Visually Distinct Degradation Regions

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Supplementary Electronic Material



Supplementary Electronic Material Figure 1. Distribution of carbonates in samples S113 and S117, demonstrating that when the region between 2495-2540 cm⁻¹ is integrated for sample S113 an inclusion that appears to represent calcium carbonate rather than cadmium carbonate is visible.

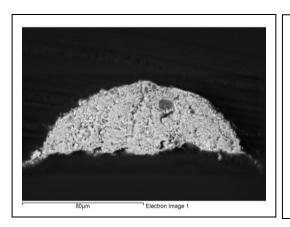
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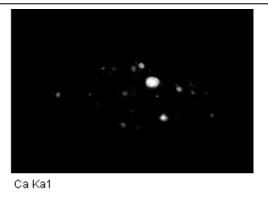
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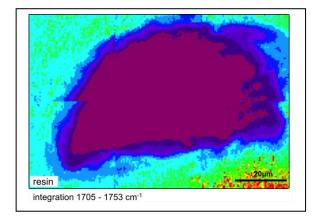
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Supplementary Information Figure 2. Backscattered electron image of the block face of sample S113 and calcium map of S113 revealing a high concentration of Ca in the same location as the vibration corresponding to the CaCO₃ band at 2495 cm-1 to 2540 cm⁻¹, further corroborating its assignment as a band belonging to CaCO₃ rather than CdCO₃.



Supplementary Information Figure 3. Sample S113 map of Bio-Plastic resin carbonyl band demonstrating its exclusion from the sample region.