

Article

The Memorial Chapel (formerly Holy Trinity Church) in the *Tempio Evangelico Valdese* (Florence). Surveys and characterization of decorative plasters for a conservative recovery

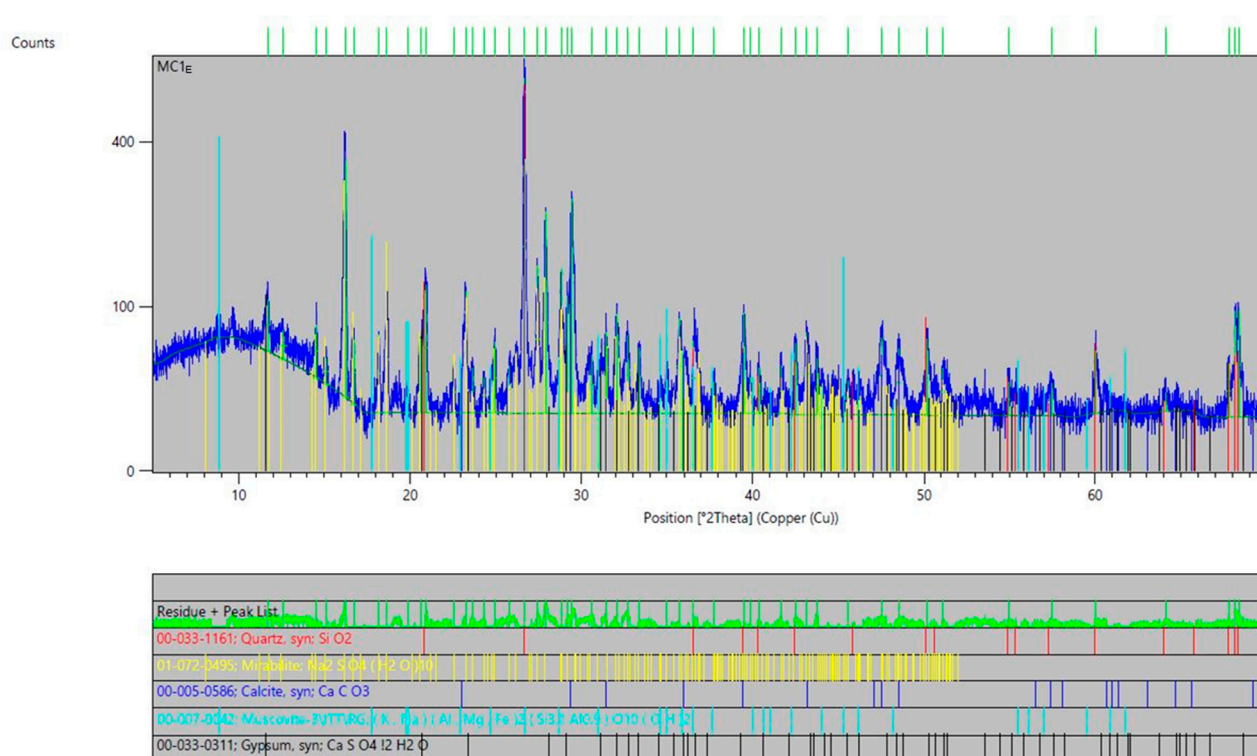
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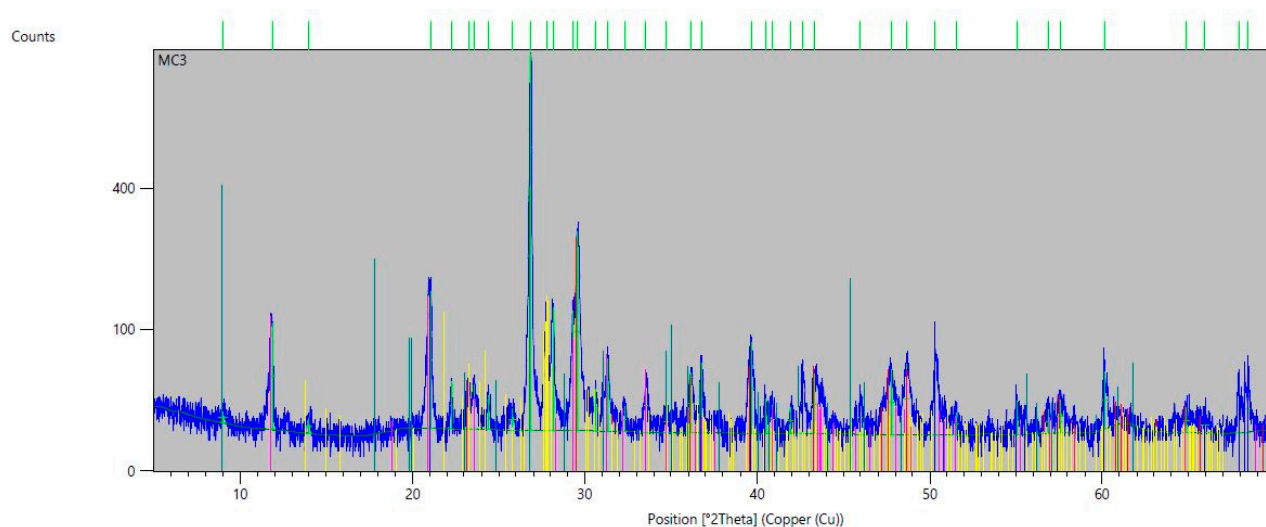
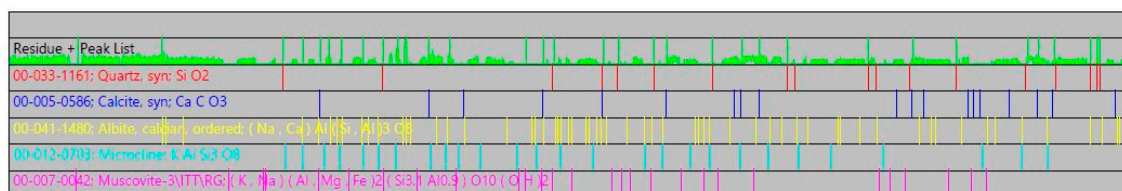
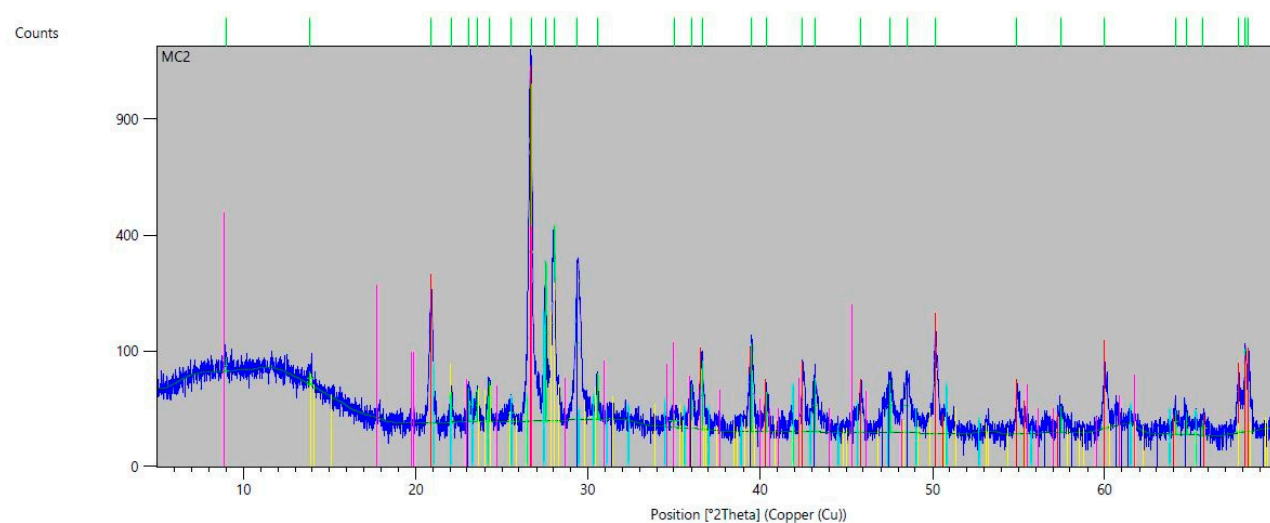
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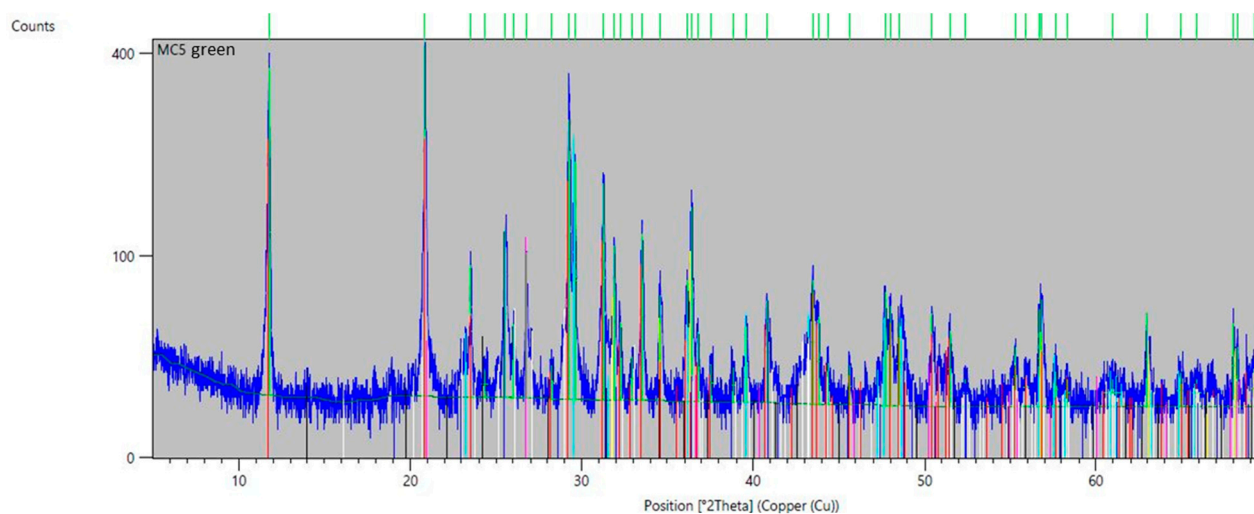
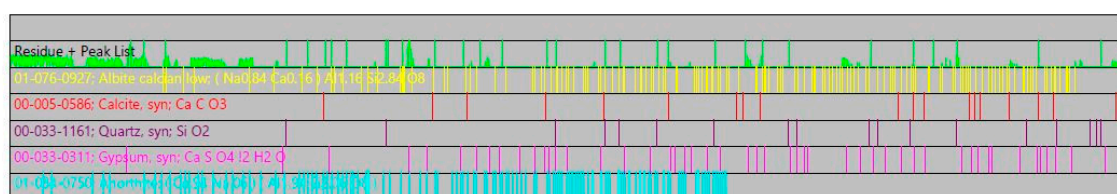
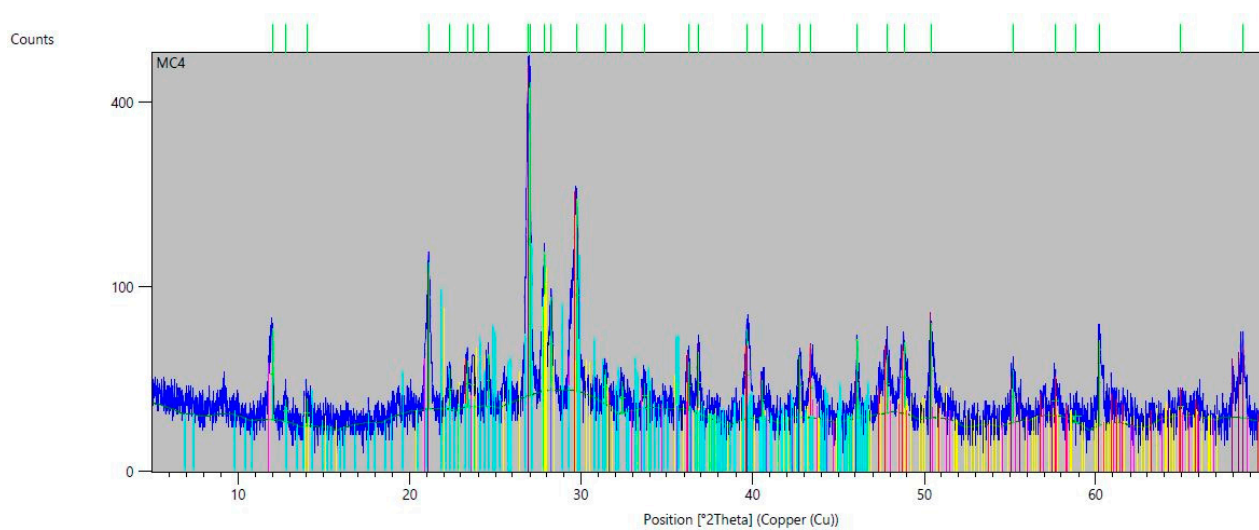
² Adarte S.n.c., Via E. Agnoletti, 3-50141 Firenze, Italy; francescabriani@adartesnc.it

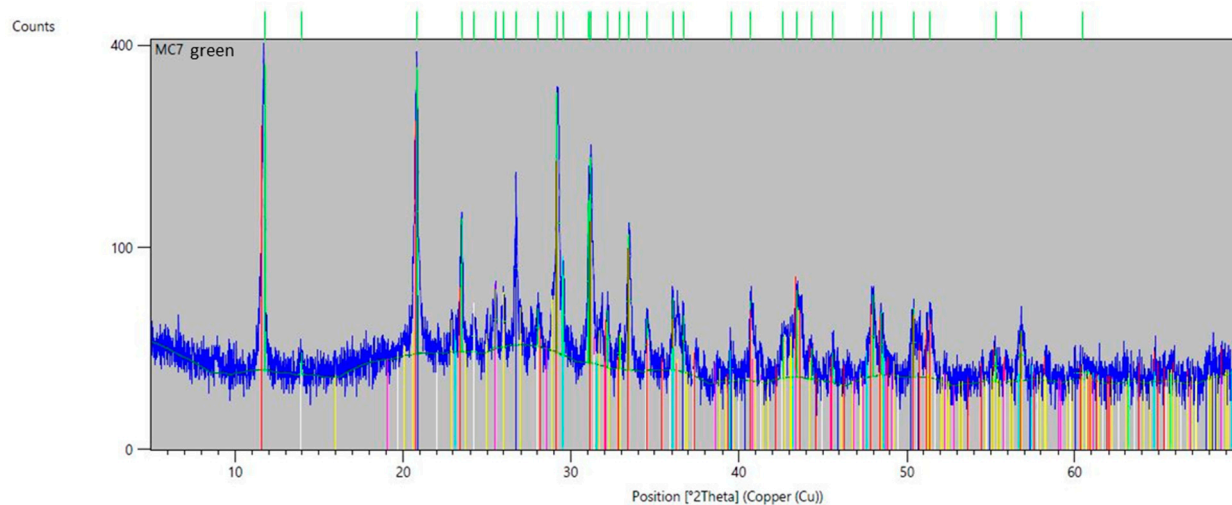
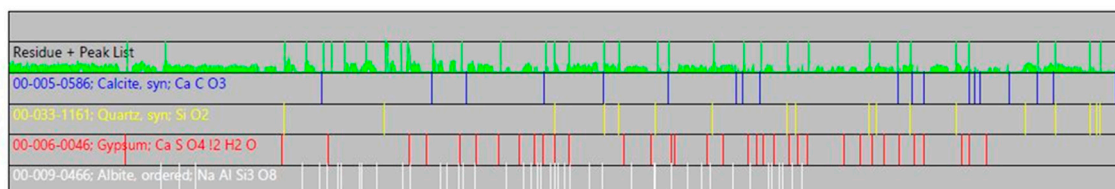
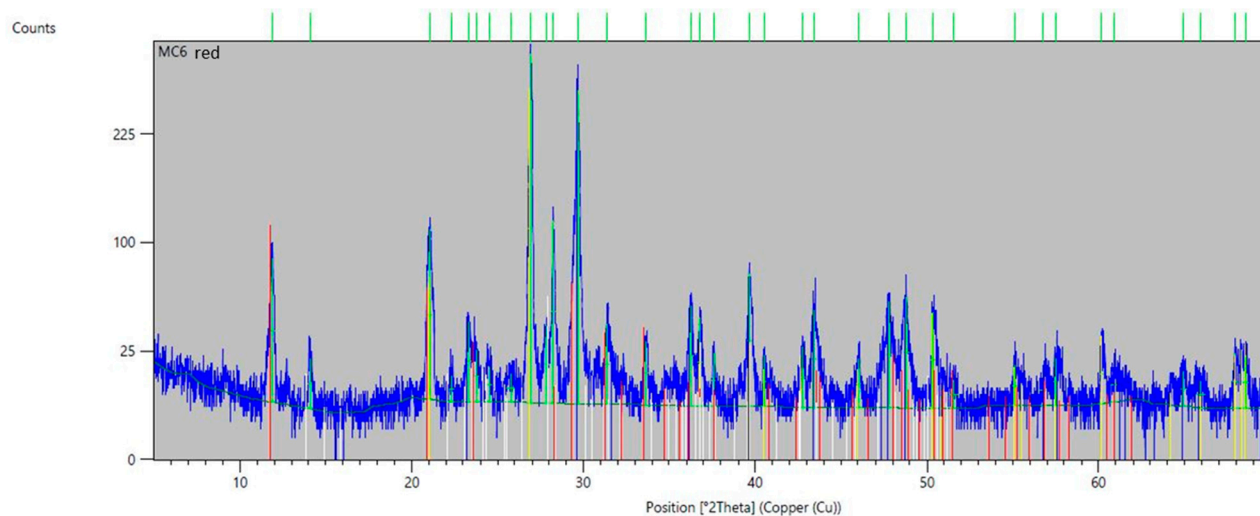
³ Department of Architecture DIDA –University of Florence, Florence, Italy; maria.dibenedetto@unifi.it

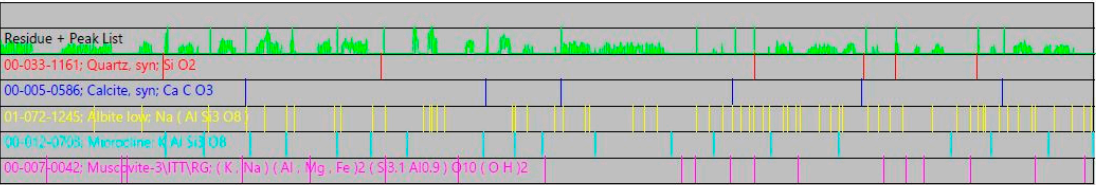
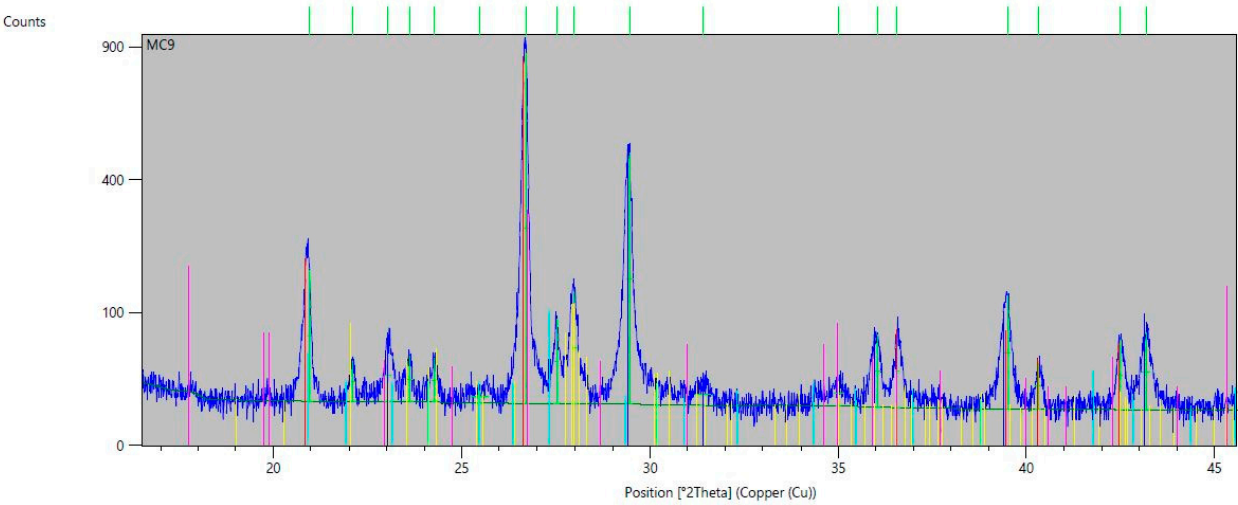
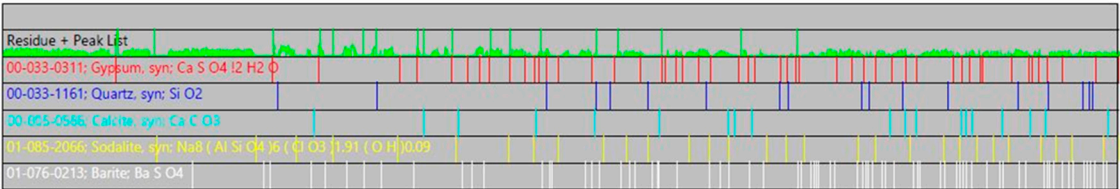
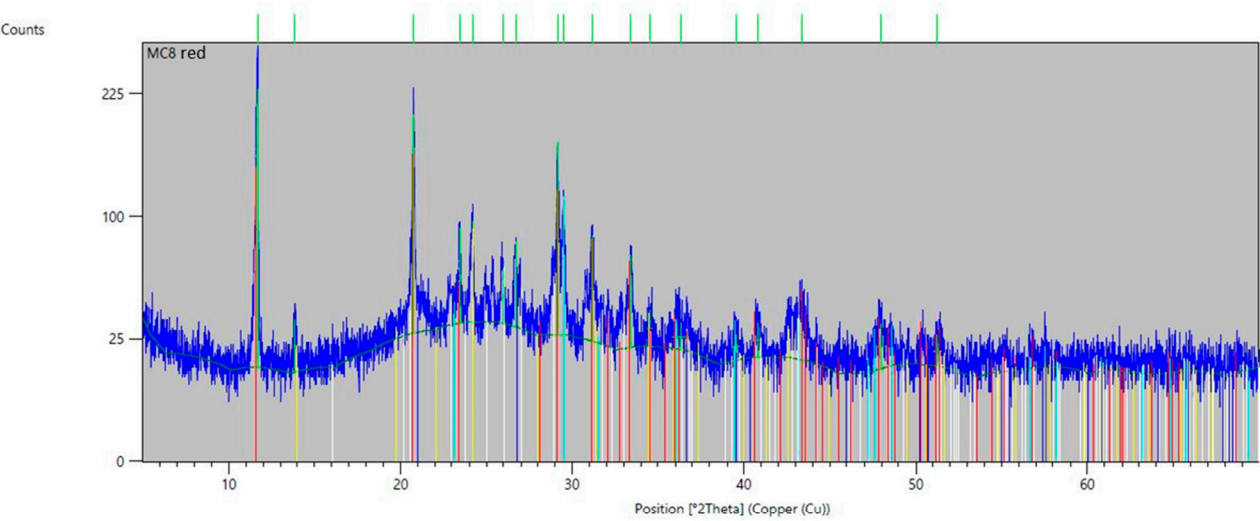
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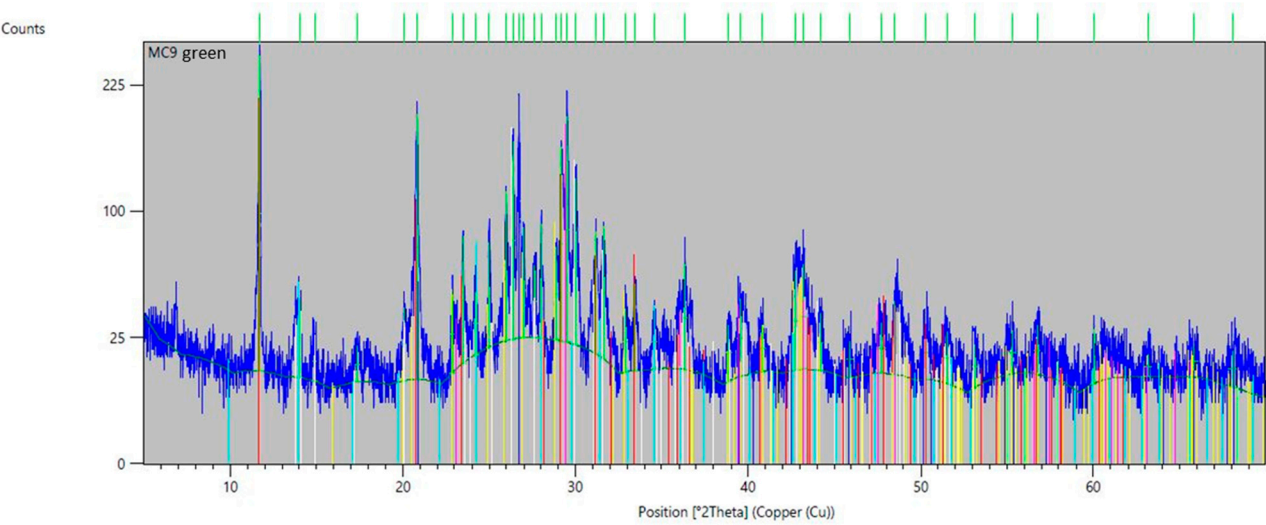






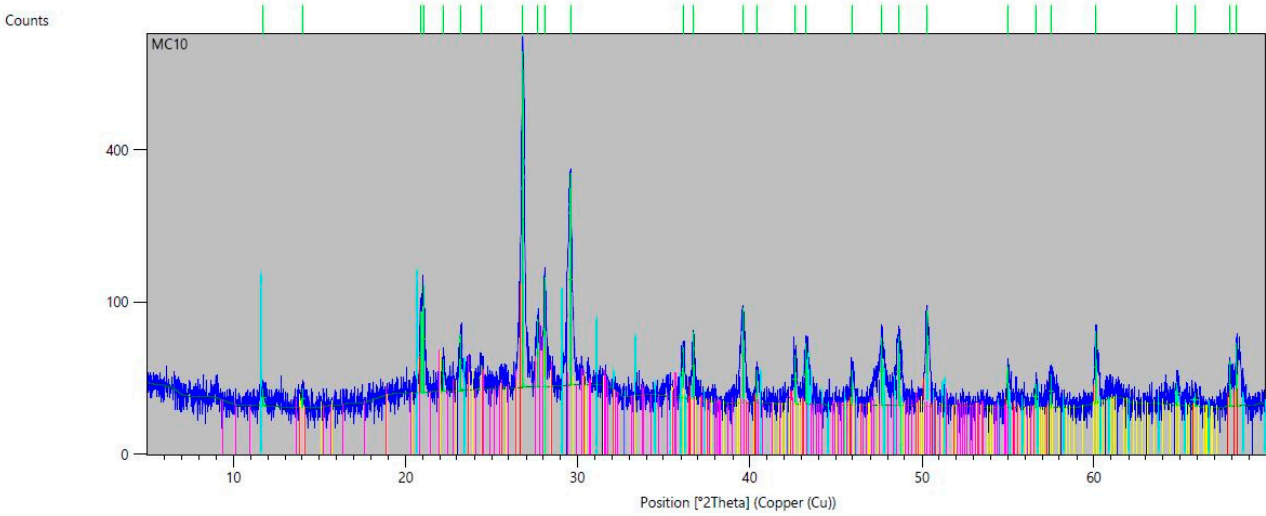






Residue + Peak List

00-006-0047; Gypsum, $\text{Ca S O}_4 \cdot 2 \text{H}_2 \text{O}$
01-076-0213; Barite, Ba S O_4
00-033-1161; Quartz, syn: Si O_2
00-005-0586; Calcite, syn: Ca C O_3
01-089-8098; Sodalite (hydrated), $\text{syn: Na}_4 \text{Si}_3 \text{Al}_3 \text{Cl}_{12} \cdot 12 \text{H}_2 \text{O}$
00-008-0437; Phenocrinite, $\text{syn: Pb}_2 (\text{O H})_2 \text{Cl}_4$



Residue + Peak List

00-033-1161; Quartz, syn: Si O_2
00-005-0586; Calcite, syn: Ca C O_3
00-033-0111; Gypsum, $\text{syn: Ca S O}_4 \cdot 2 \text{H}_2 \text{O}$
01-078-1995; Albite intermedialite, $\text{Na}_2 \text{Al}_2 \text{Si}_2 \text{O}_{10}$
01-086-1650; Alorthite (poland), $\text{Ca}_{16} \text{Na}_{14} \text{Al}_{16} \text{Si}_{28} \text{O}_{138}$

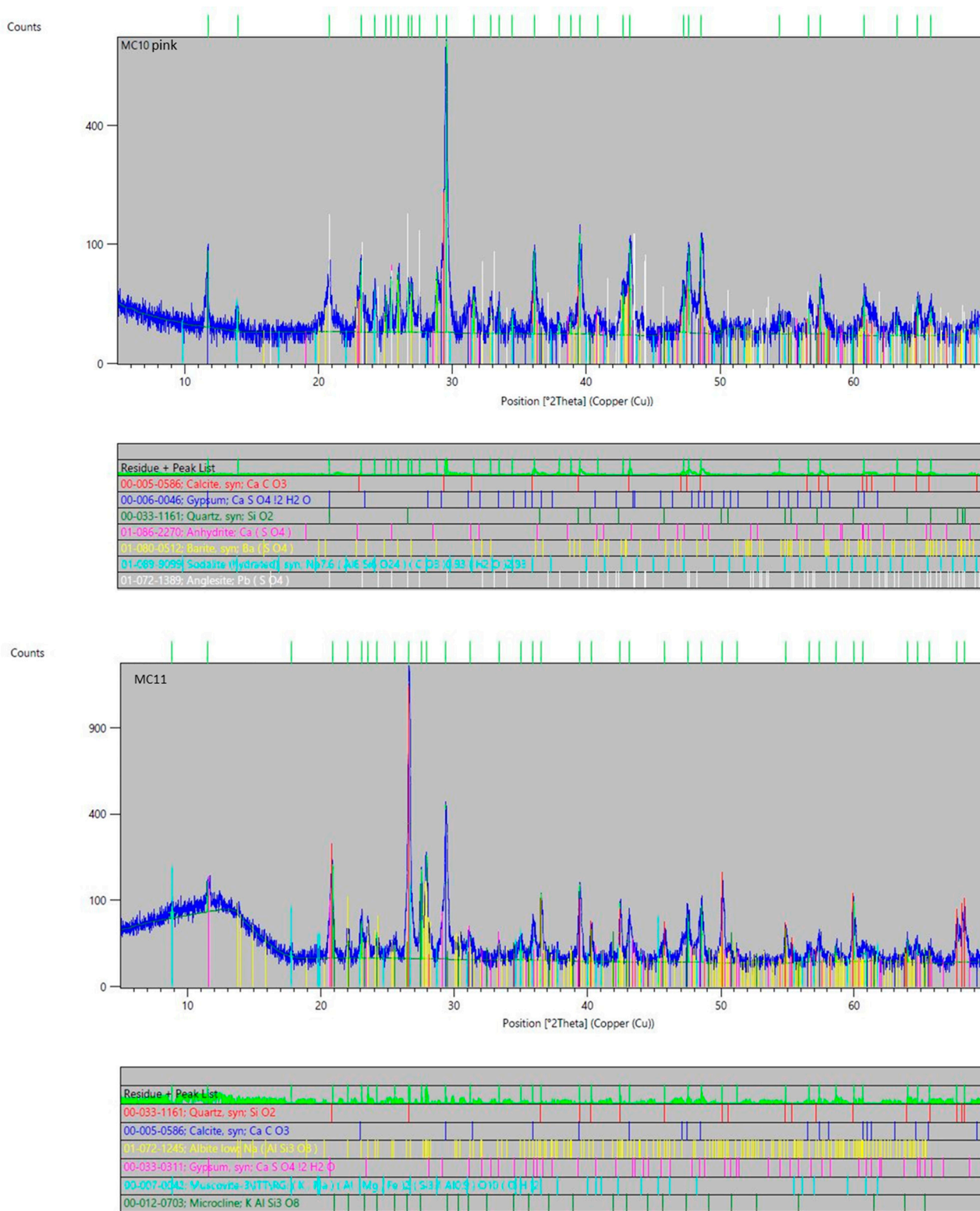


Figure S1. Series of XRPD spectra of salt (MC1E), plaster mortar (MC2, MC3, MC4, MC9, MC10, MC11) and painted layer samples (MC5 green, MC6 red, MC7 green, MC8 RED, MC9 green, MC10 pink).

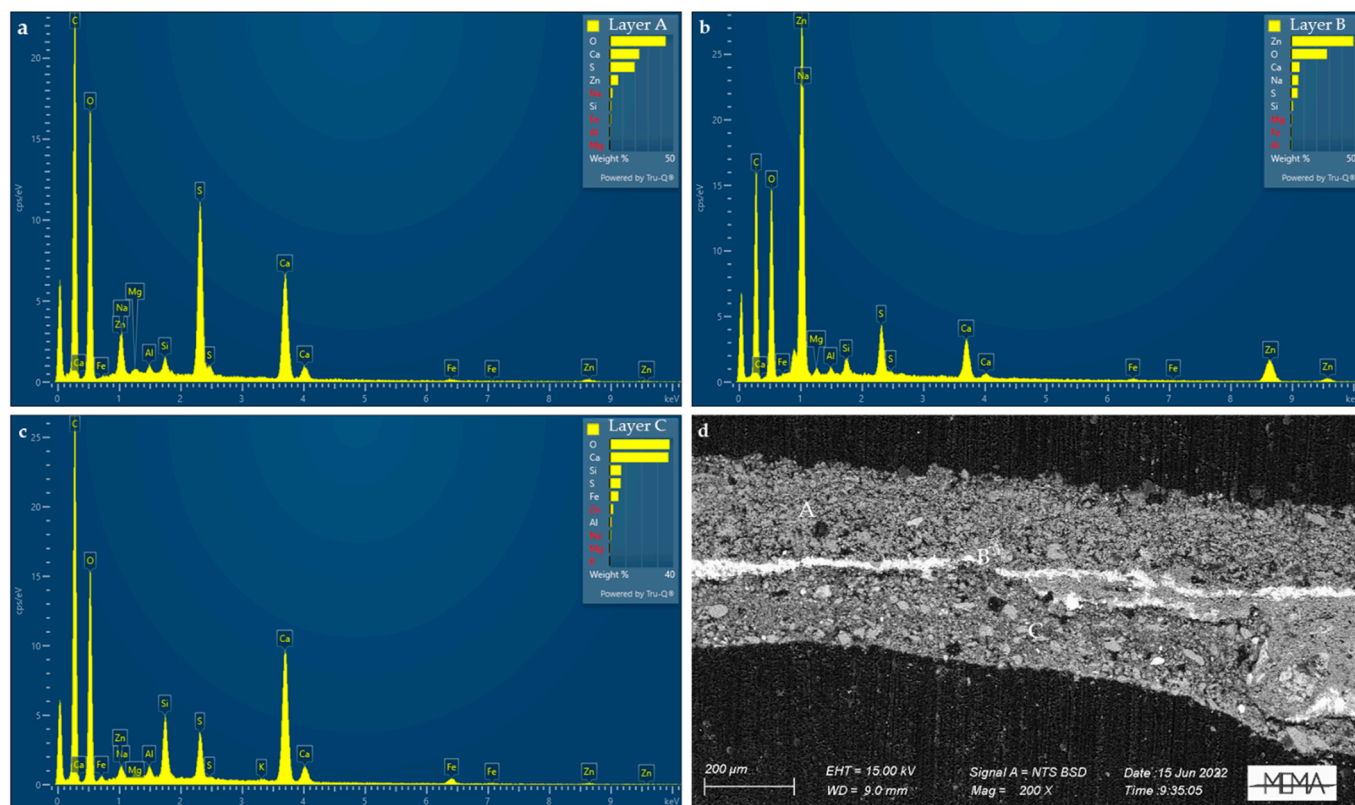


Figure S2. The collected EDS spectra of the MC5 green painted layers are reported (a-c). BSE image of layered area (d).

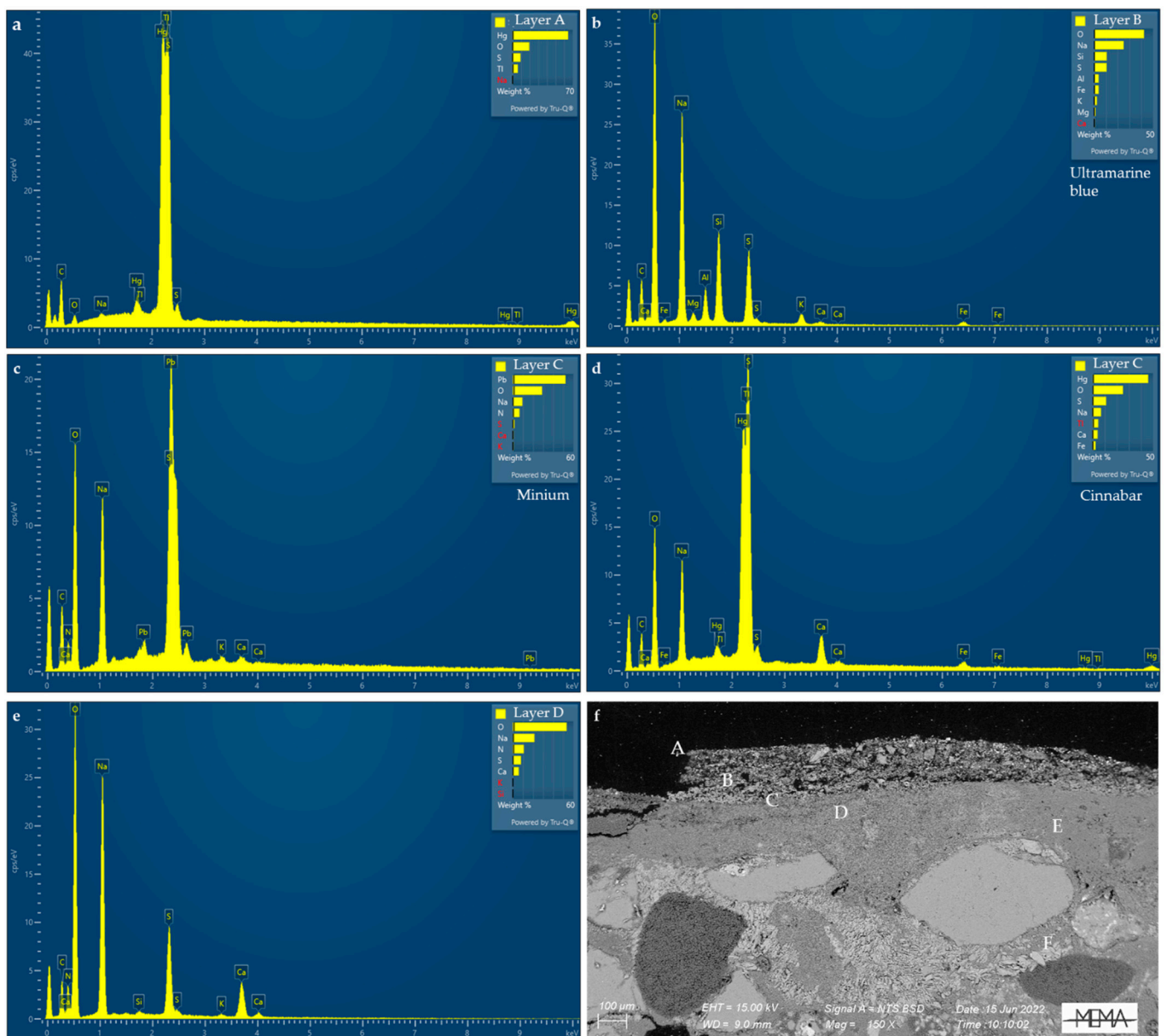


Figure S3. The collected EDS spectra of the MC6 red painted layers are reported (a-e). BSE image of layered area (f).

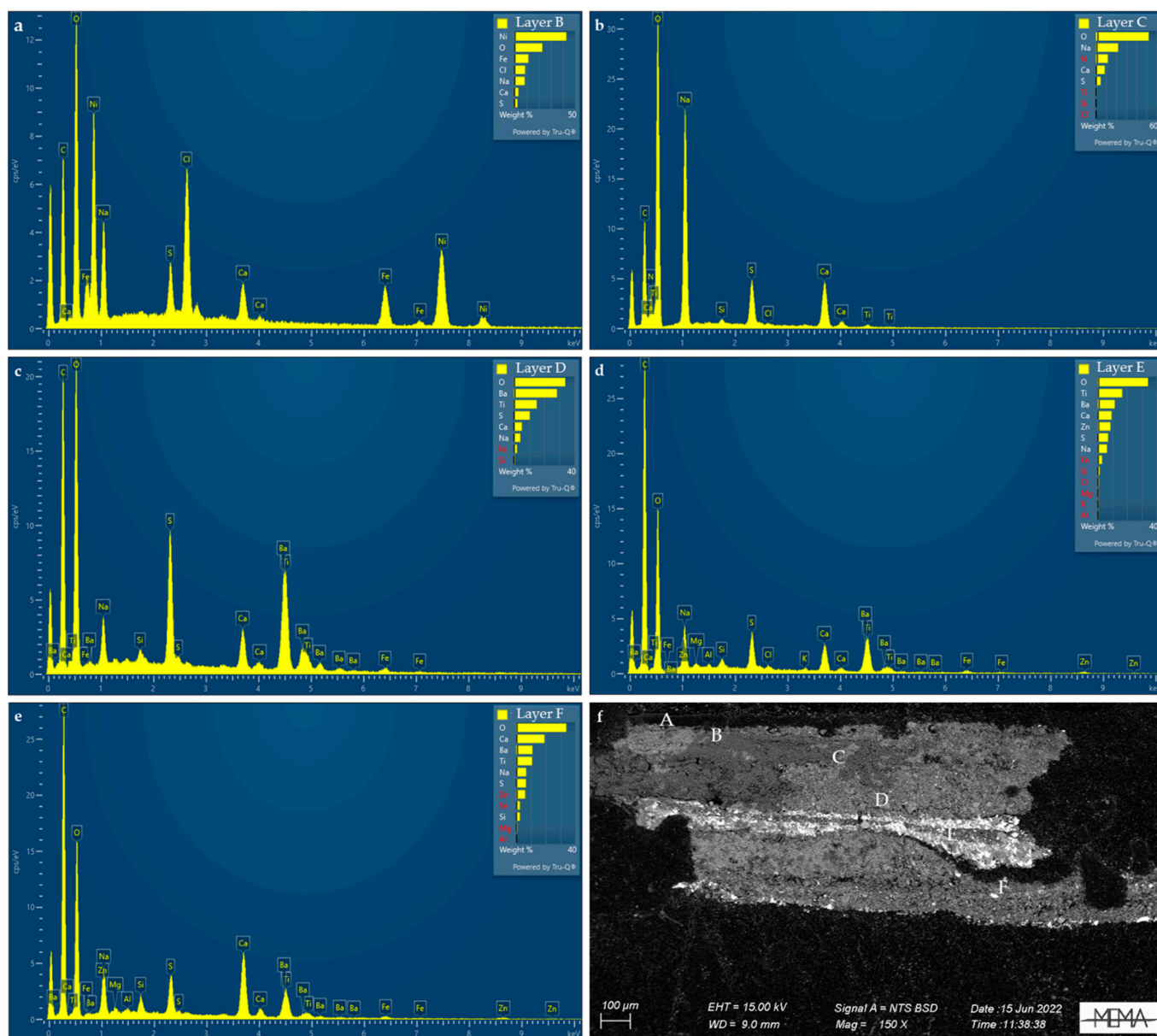


Figure S4. The collected EDS spectra of the MC10 pink painted layers are reported (a-e). BSE image of layered area (f).