

Appendix VIII: Illustrations of experimental procedure

Pictures by Marie-Louise Tambo Magni and Åshild Charlotte Monsø

Figure AVIII-1: Empty, clean filament



Figure AVIII-2: Instruments for sample handling (clean)

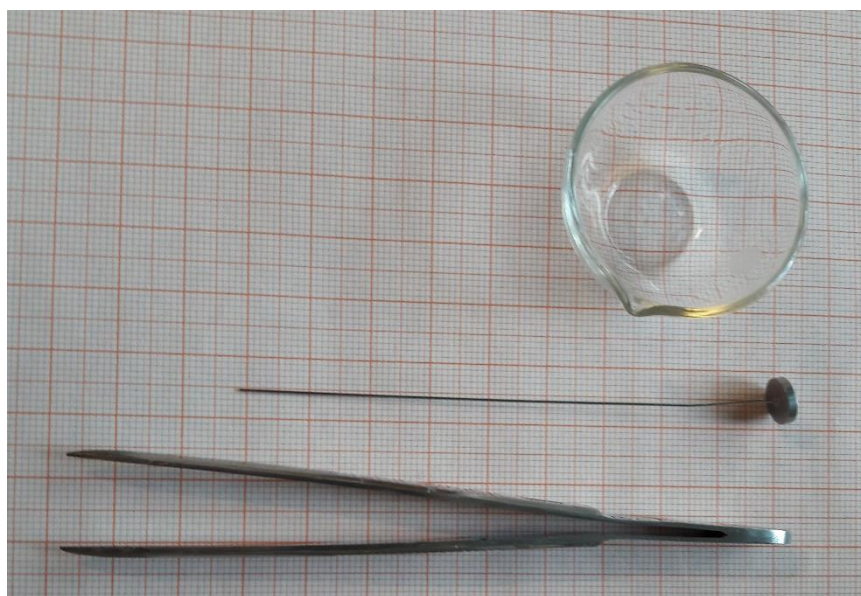


Figure AVIII-3: Processing of a paint sample to obtain preferable sample size (crushed using pointed tweezers, small and precise movements)

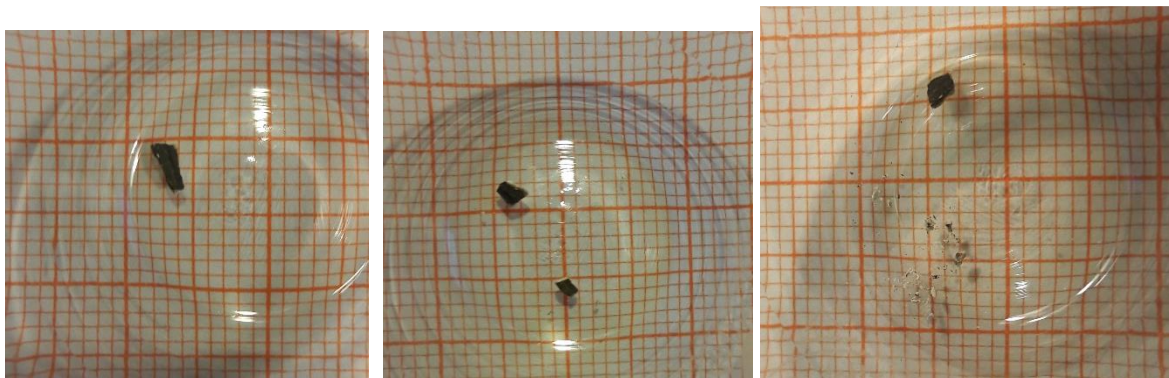


Figure AVIII-4: Sample applied on filament (preferably with paint face-down).
TMAH/derivatising agent added if needed.



Figure AVIII-5: Insertion of pyroprobe. If TMAH/derivatising agent added: Insert pyroprobe immediately, run sample 1 minute/other preferred reaction time after application of TMAH/derivatising agent

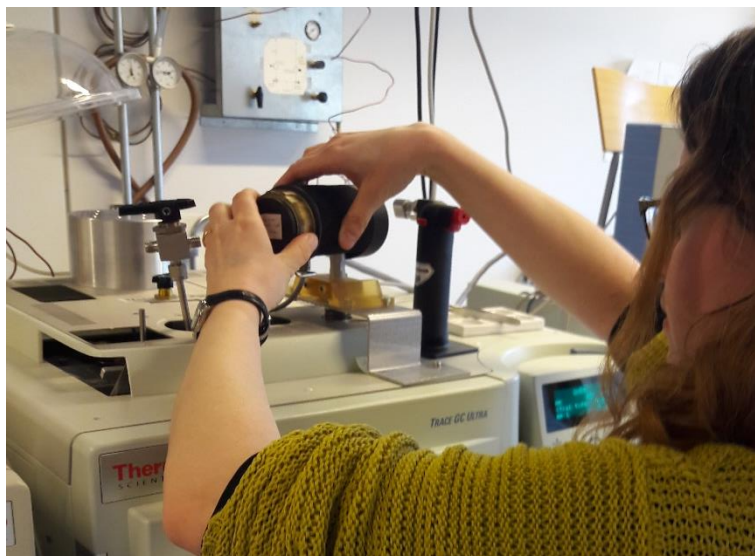


Figure AVIII-6: Residue after pyrolysis must be removed and filament cleaned after analysis (flame clean, wet cleaning if necessary)

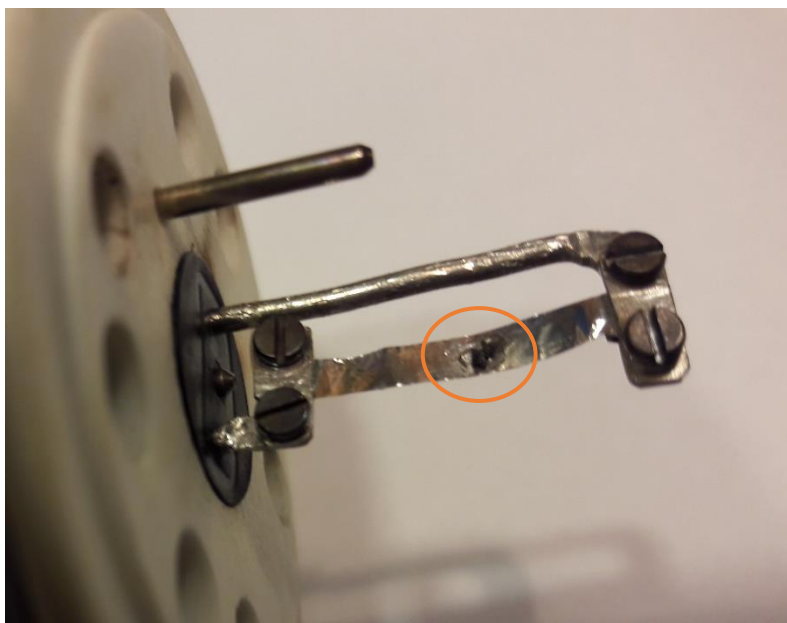


Figure AVIII-7: Cleaning instruments. Flame clean quartz cell using microtorch. Remove residue mechanically with cotton stick (non-plastic!) if necessary. Special tweezer for handling quartz cell depicted. Quartz cell not depicted.

