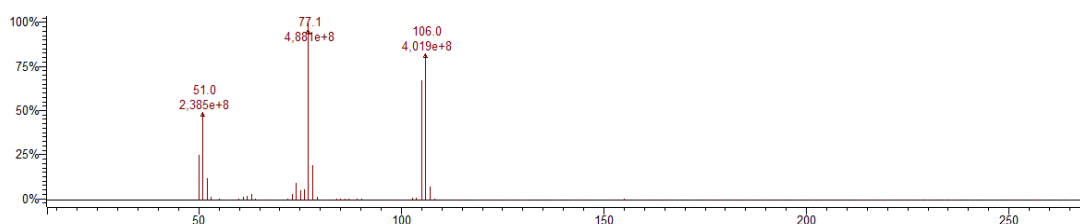


Supporting Information

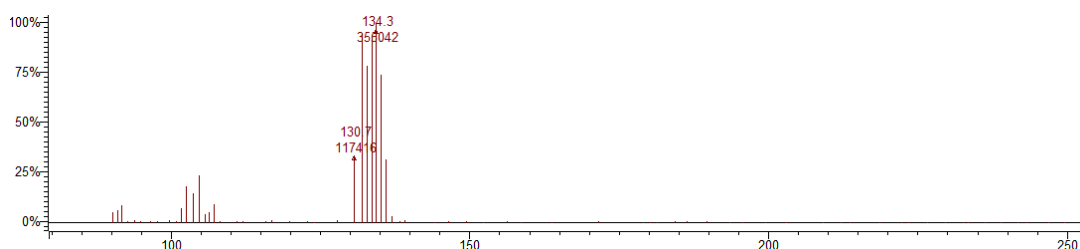
Iodoxybenzoic Acid Supported on Multi Walled Carbon Nanotubes as Biomimetic Environmental Friendly Oxidative Systems for the Oxidation of Alcohols to Aldehydes

Bruno Mattia Bizzarri ¹, Issam Abdalghani ², Lorenzo Botta ¹, Anna Rita Taddei ³, Stefano Nisi ⁴, Marco Ferrante ^{4,5}, Maurizio Passacantando ², Marcello Crucianelli ^{2,*} and Raffaele Saladino ^{1,*}

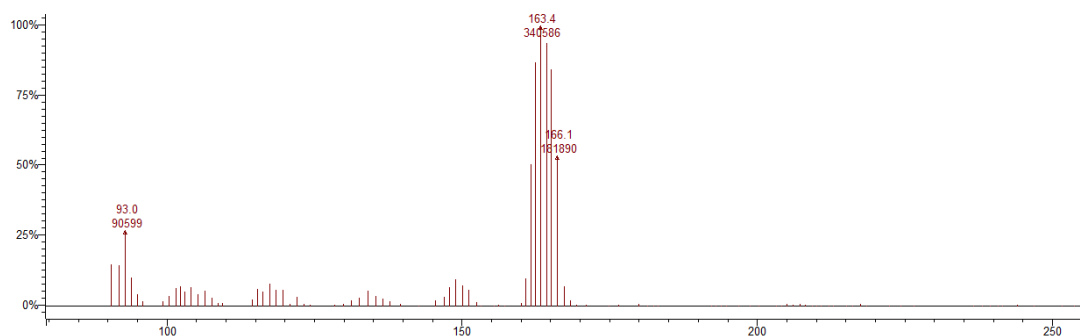
Benzaldehyde (9)



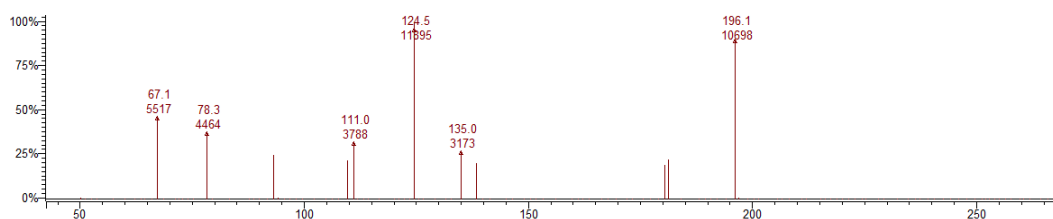
4 Methoxy Benzaldehyde (10)



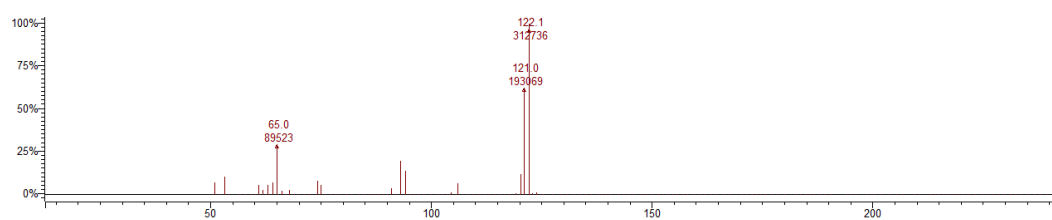
3-4 Dimethoxy Benzaldehyde (11)



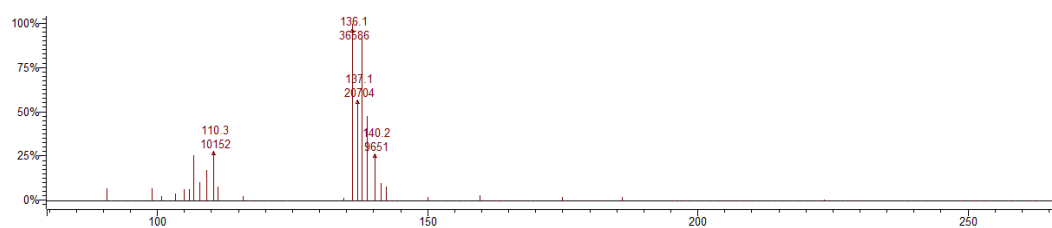
3-4-5 Trimethoxy Benzaldehyde (12)



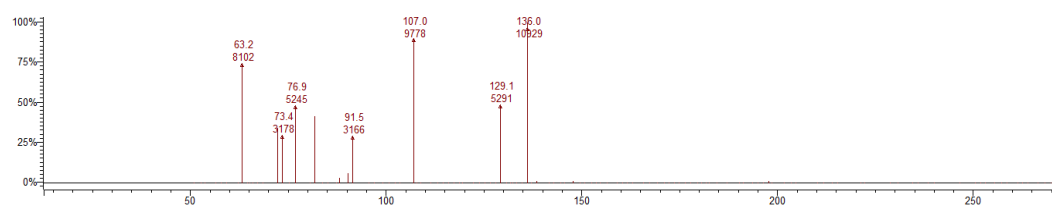
4 HydroxyBenzaldehyde (**13**)



4 Chlorobenzaldehyde (**14**)



4-Hydroxyphenylacetaldehyde (**15**)



Phenylacetaldehyde (**16**)

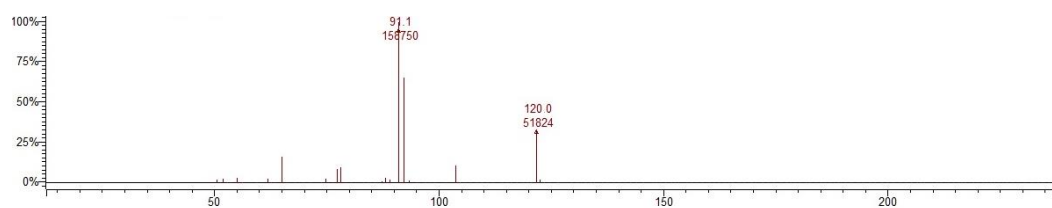


Figure S1. Mass fragmentation peaks of aldehydes (**9–16**).

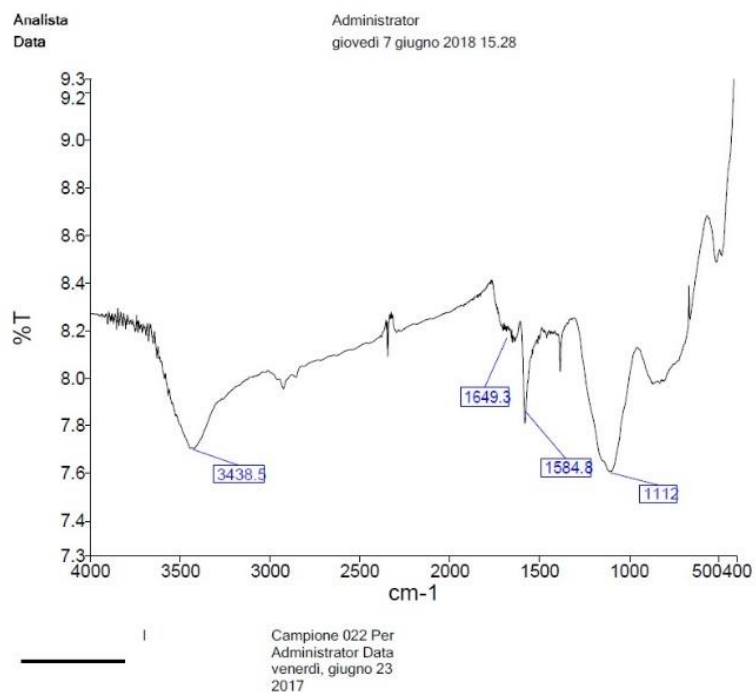


Figure S2. FT-IR analysis of oxMWCNTs I.

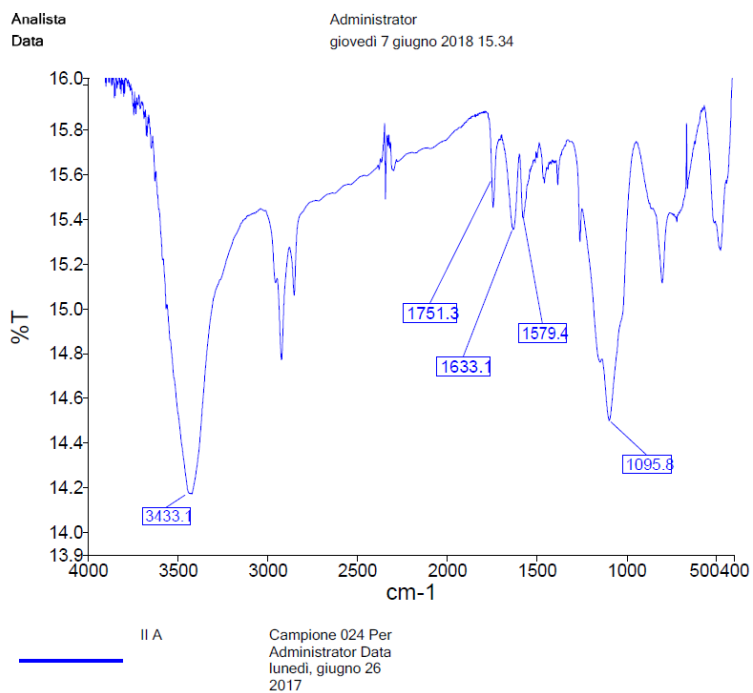


Figure S3. FT-IR analysis of II-A.

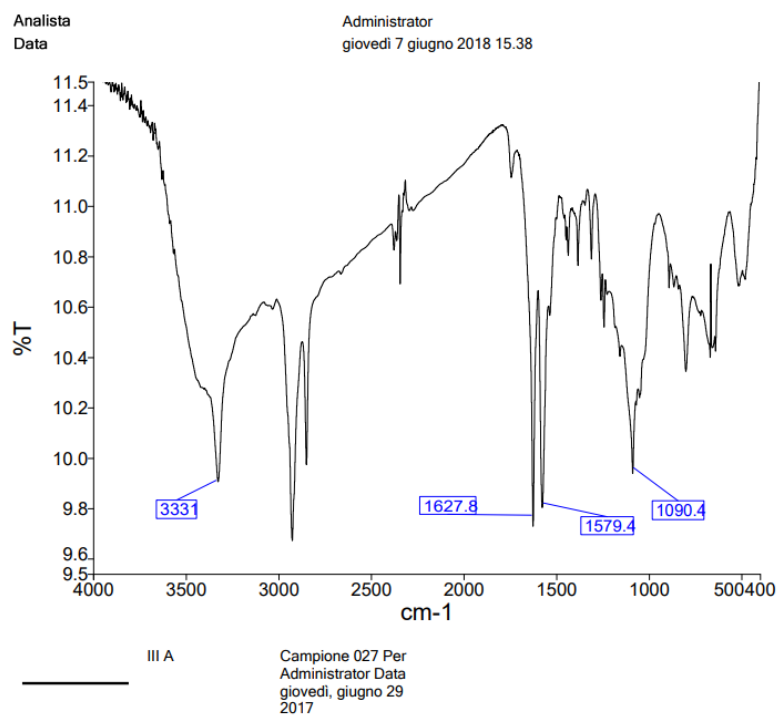


Figure S4. FT-IR analysis of **III-A**.

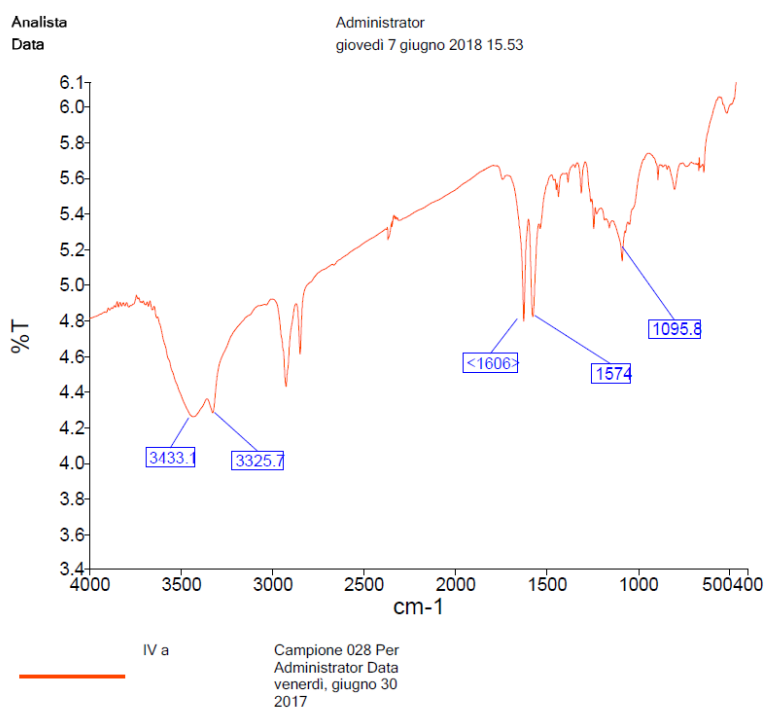


Figure S5. FT-IR analysis of **IV-A**.

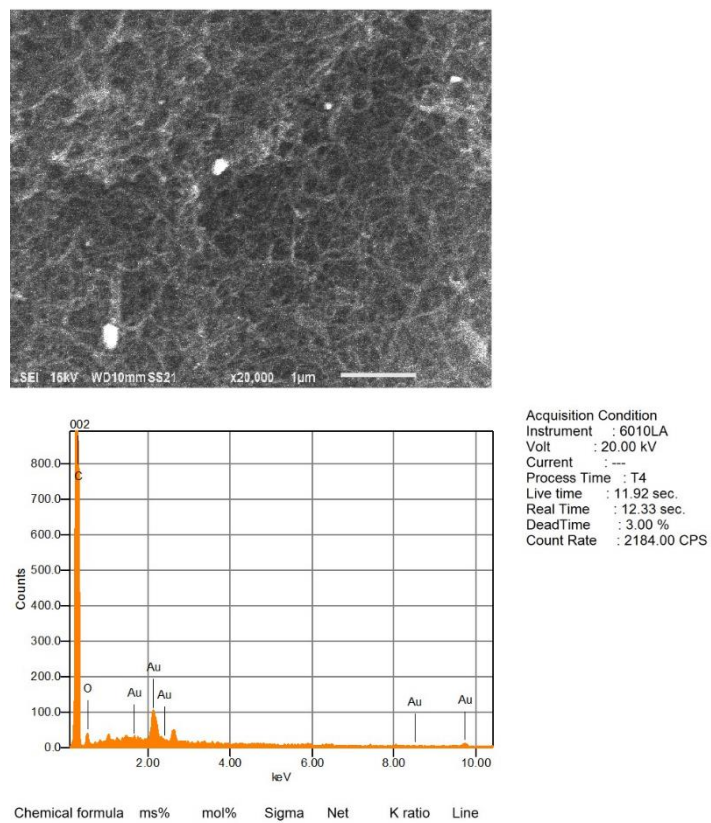


Figure S6. SEM Back Scattered Electrons (BSE) analysis of **VIII B**.