

Supplementary material for the article:

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Supporting Information for

Degradation of Triton X-100 in water falling film DBD reactor

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Abbreviation: DBD, dielectric barrier discharge

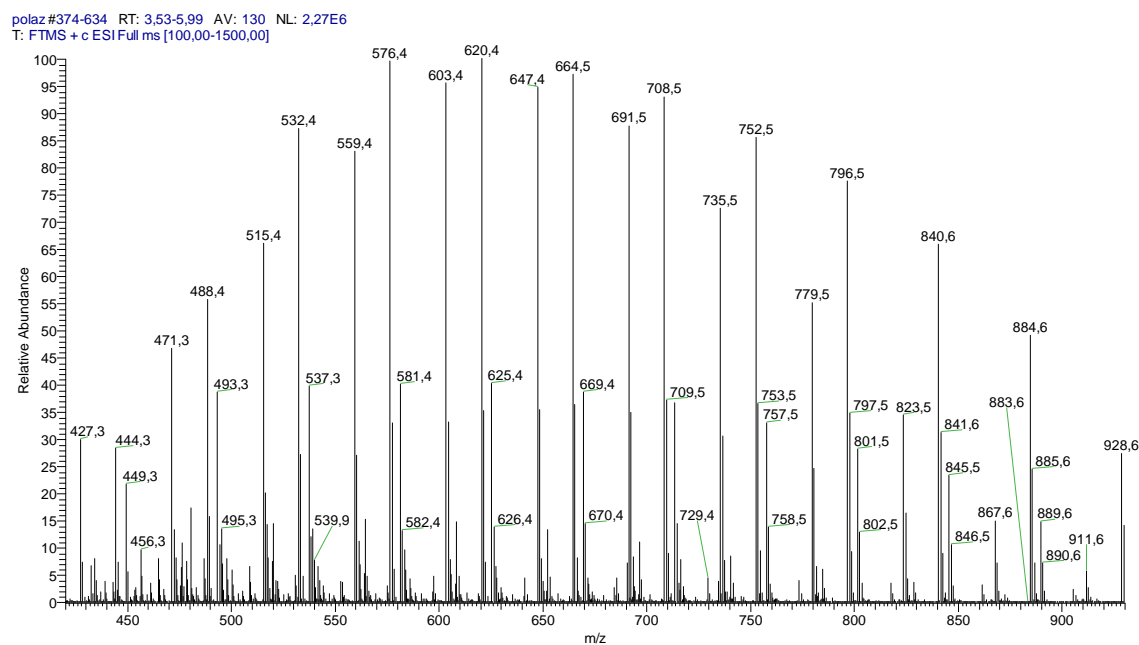


Figure S1. Mass spectrum of Triton X-100 solution

4dbd #378-651 RT: 3.51-6.00 AV: 137 NL: 1,01E6
T: FTMS + c ESI Full ms [100,00-1500,00]

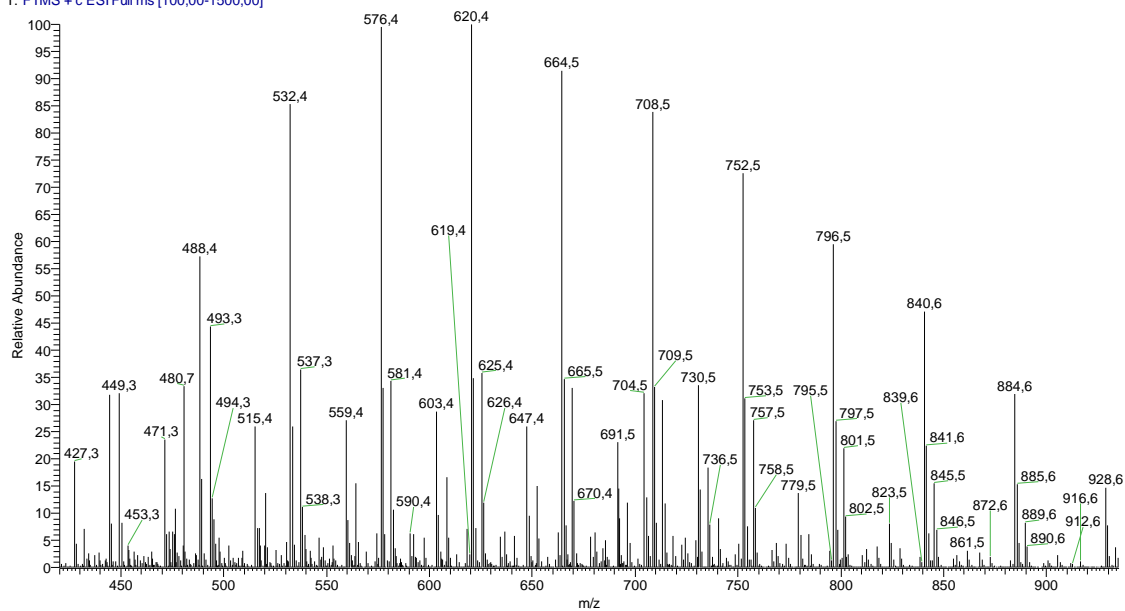


Figure S2. Mass spectrum of Triton X-100 solution after degradation in the non-catalytic DBD, with introduced energy density of 200 kJ L⁻¹

4fe #551-768 RT: 5.00-6.99 AV: 109 NL: 1,07E6
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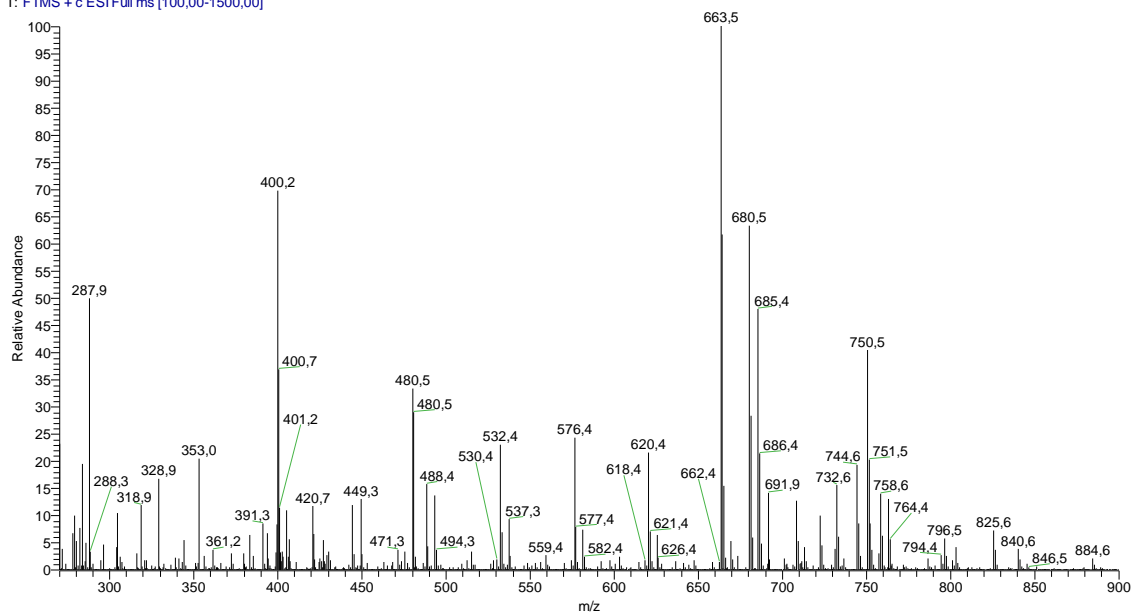


Figure S3. Mass spectrum of Triton X-100 solution after degradation in the Fe²⁺/DBD system with introduced energy density 200 kJ L⁻¹

4peroksid #756-778 RT: 5,73-5,90 AV: 11 NL: 1,48E6
T: FTMS + c ESI Full ms [100,00-1500,00]

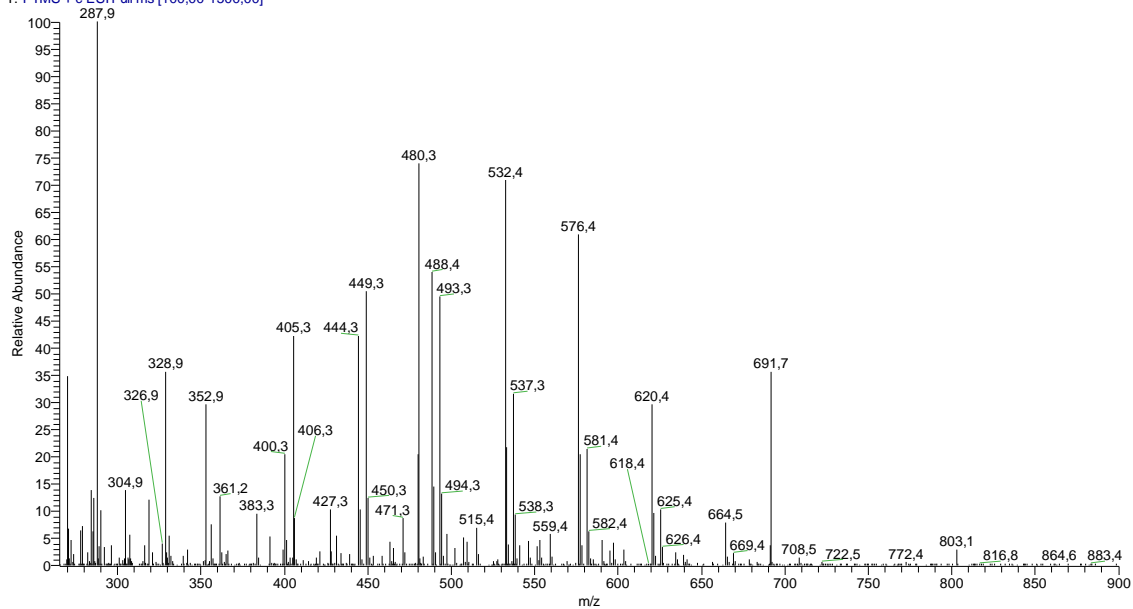


Figure S4. Mass spectrum of Triton X-100 solution after degradation in the $\text{H}_2\text{O}_2/\text{DBD}$ system, with introduced energy density of 200 kJ L^{-1}