

Supplemental Figure 1. HPLC-ICP-MS chromatograms of As species in roots, leaves, xylem and phloem exudates of *Ricinus communis* exposed to 10 μM arsenate, DMA or MMA. Note that the dilution factor differed between samples. Method 1: 6.6 mM $\text{NH}_4\text{H}_2\text{PO}_4$ and 6.6 mM NH_4NO_3 (pH 6.3) with a flow rate of 0.6 ml min^{-1} ; Method 2: 2 mM $\text{NH}_4\text{H}_2\text{PO}_4$ and 2 mM NH_4NO_3 (pH 6.3) with a flow rate of 0.8 ml min^{-1} .

