



S1 Fig. Representative total ion current chromatograms (MS scanning mode from m/z 100 to m/z 1000) of eluates from *Chromolaena odorata* RAMES libraries after LCMS analyses following 4 and 12 month storage at -20°C.

Peak identification based on isotope abundance analysis of high-resolution mass spectral data and reporting the best fitting empirical formula, as well as retention time of available commercial standards and literature reports.