a) Components of new CV-μCCP analytical experimental system
b) Hg microcollector with gold filament
c) Capacitively coupled plasma microtorch

**Experimental conditions:**

*Plasma operating power:* 20 W; 13.56 MHz; 200 mL min\(^{-1}\) Ar flow rate; 1 mm observation height above tip microelectrode.

*CV generation and preconcentration:* reducing agent: 20 (w/v) % SnCl\(_2\) solution stabilized in 15 % (v/v) HCl (1.0 mL min\(^{-1}\)); sample stabilized in 5 % (v/v) HCl (3.5 mL min\(^{-1}\)); preconcentration from 25 mL sample solution.

*Microcollector:* gold filament, 100 μm diameter, 23 coils (43 cm length). Heating program: 5 s, 5 V and 1.5 A.

*QE65 Microspectrometer:* high speed acquisition; eleven 3-D emission episodic spectra; 8 s acquisition time/episode.