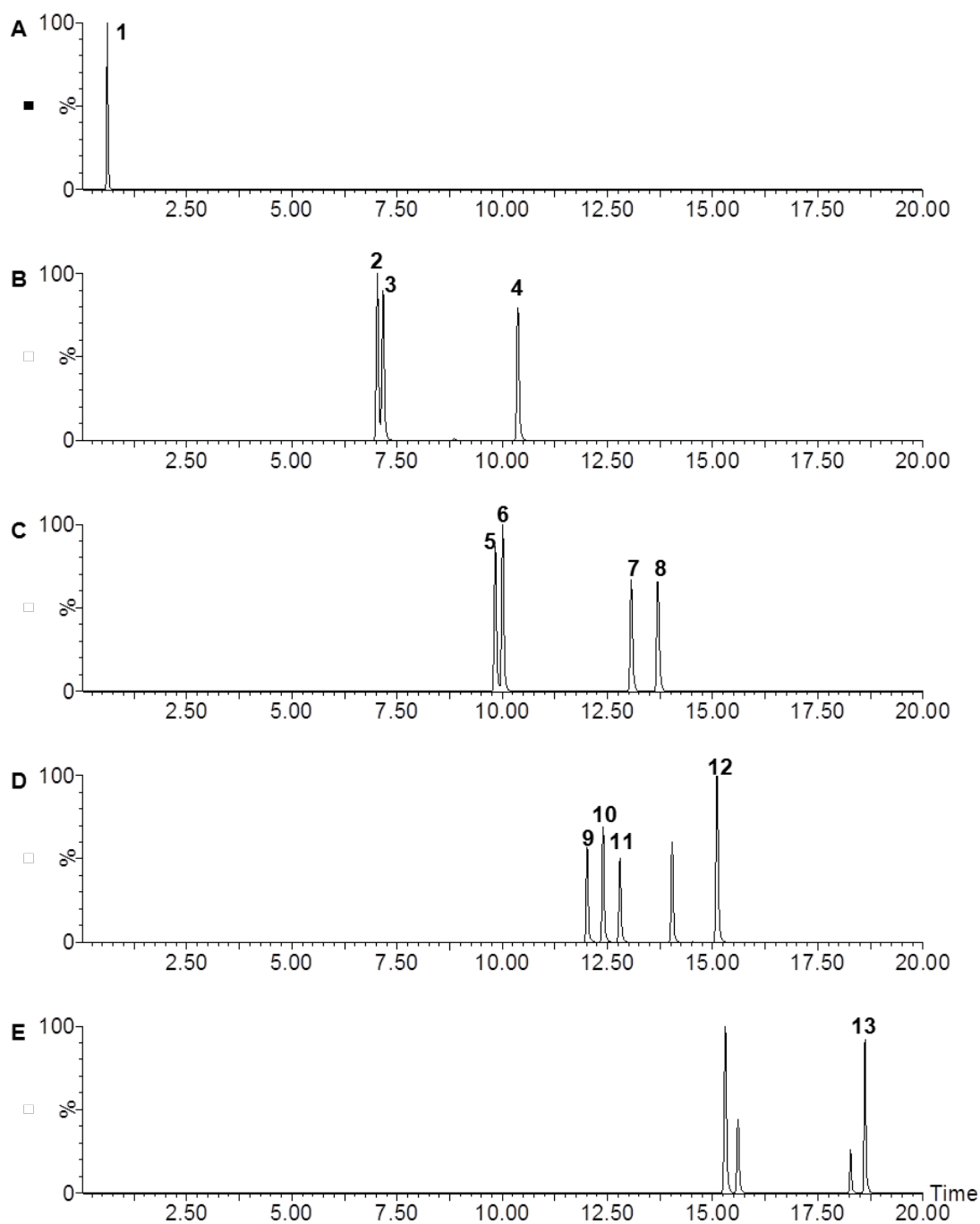
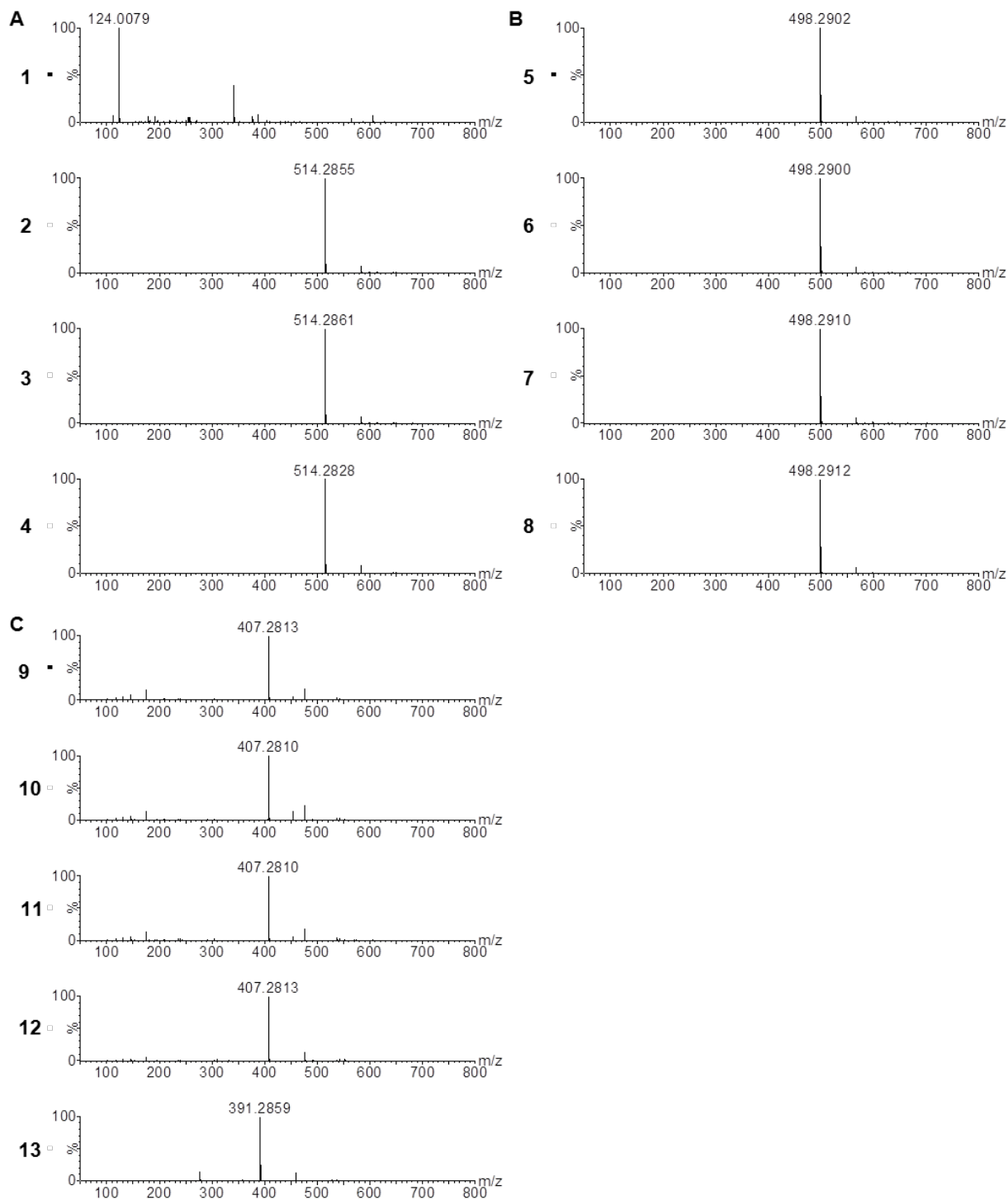


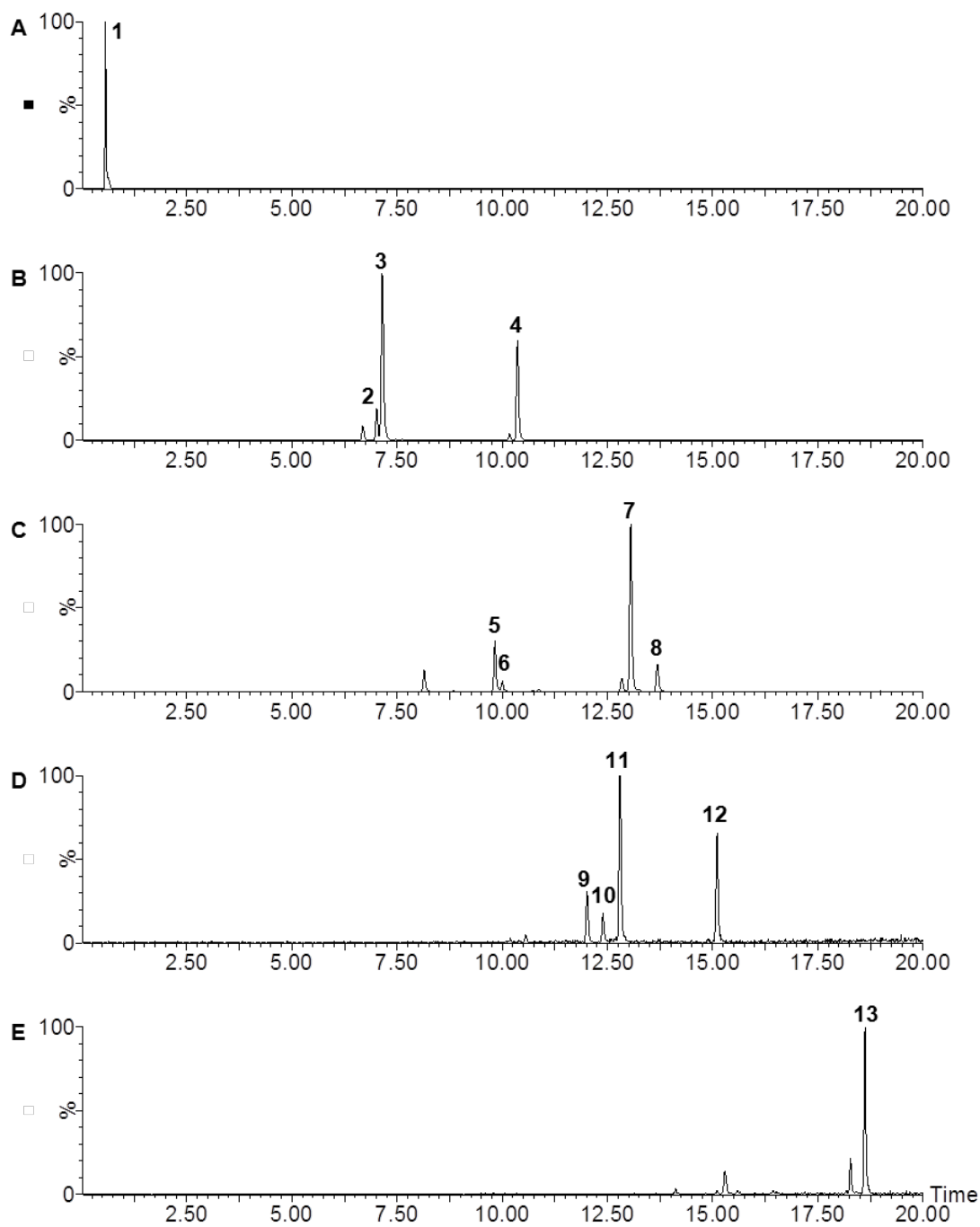
Supplemental Materials



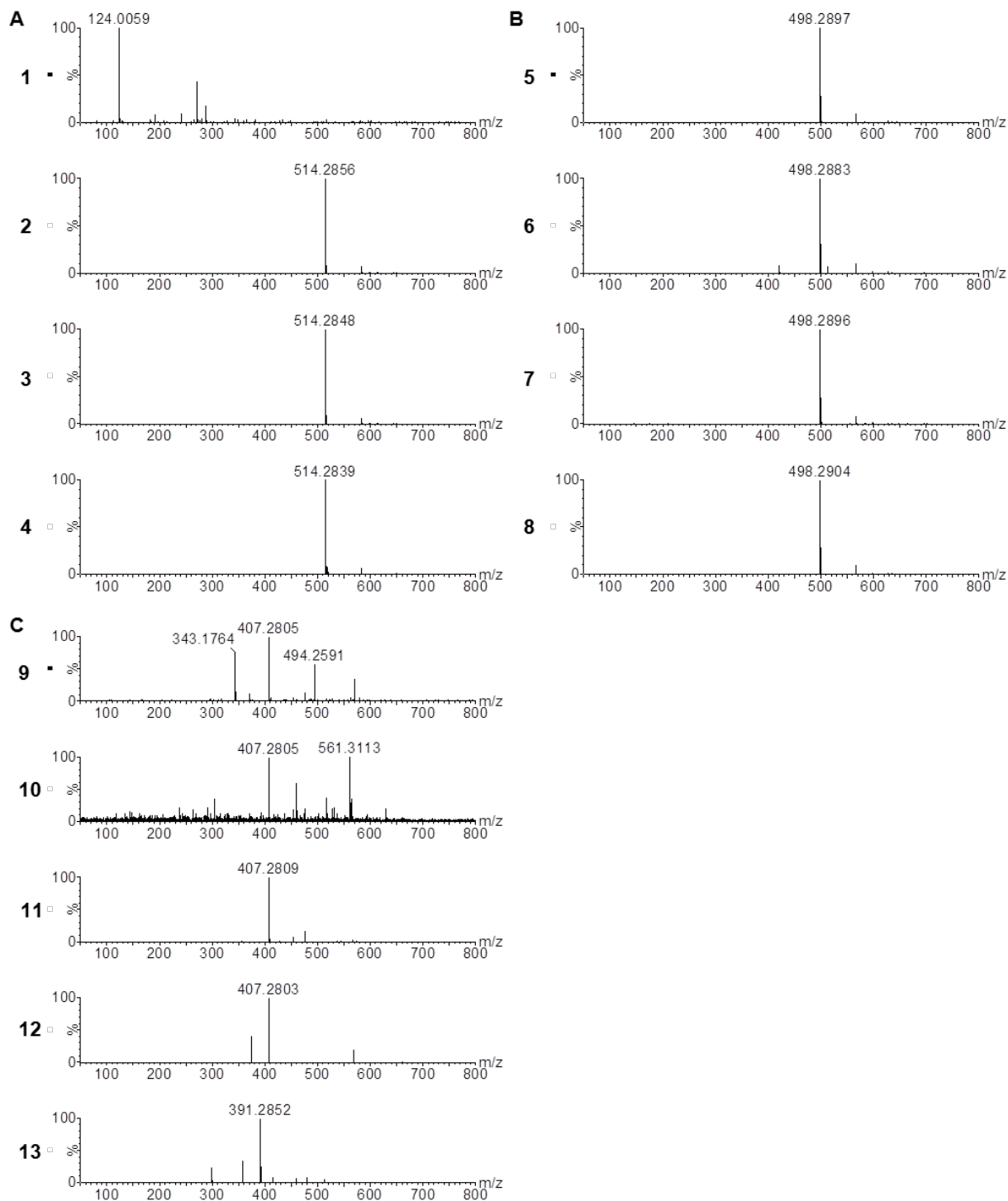
Supplemental Figure 1. Representative chromatograms of the bile acid standards. (A) Peak 1: Taurine. (B) Peak 2: T- α -MCA; Peak 3: T- β -MCA; Peak 4: TCA. (C) Peak 5: T-UDCA; Peak 6: T-HDCA; Peak 7: T-CDCA; Peak 8: T-DCA. (D) Peak 9: ω -MCA; Peak 10: α -MCA; Peak 11: β -MCA; Peak 12: CA. (E) Peak 13: DCA.



Supplemental Figure 2. Representative mass spectra of the bile acid standards. (A) 1: Taurine; 2: T- α -MCA; 3: T- β -MCA; 4: TCA. (B) 5: T-UDCA; 6: T-HDCA; 7: T-CDCA; 8: T-DCA. (C) 9: ω -MCA; 10: α -MCA; 11: β -MCA; 12: CA; 13: DCA.



Supplemental Figure 3. Representative chromatograms of bile acids. (A) Peak 1: Taurine. (B) Peak 2: T- α -MCA; Peak 3: T- β -MCA; Peak 4: TCA. (C) Peak 5: T-UDCA; Peak 6: T-HDCA; Peak 7: T-CDCA; Peak 8: T-DCA. (D) Peak 9: ω -MCA; Peak 10: α -MCA; Peak 11: β -MCA; Peak 12: CA. (E) Peak 13: DCA.



Supplemental Figure 4. Representative mass spectra of the bile acids. (A) 1: Taurine; 2: T- α -MCA; 3: T- β -MCA; 4: TCA. (B) 5: T-UDCA; 6: T-HDCA; 7: T-CDCA; 8: T-DCA. (C) 9: ω -MCA; 10: α -MCA; 11: β -MCA; 12: CA; 13: DCA.