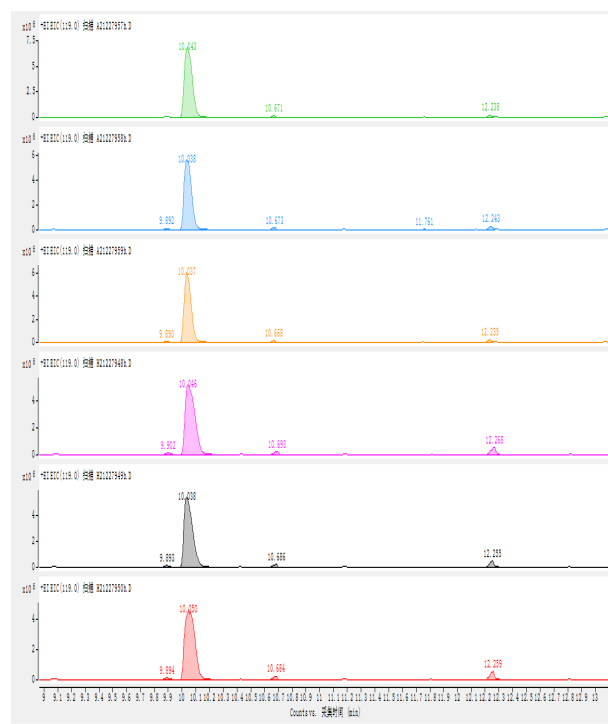
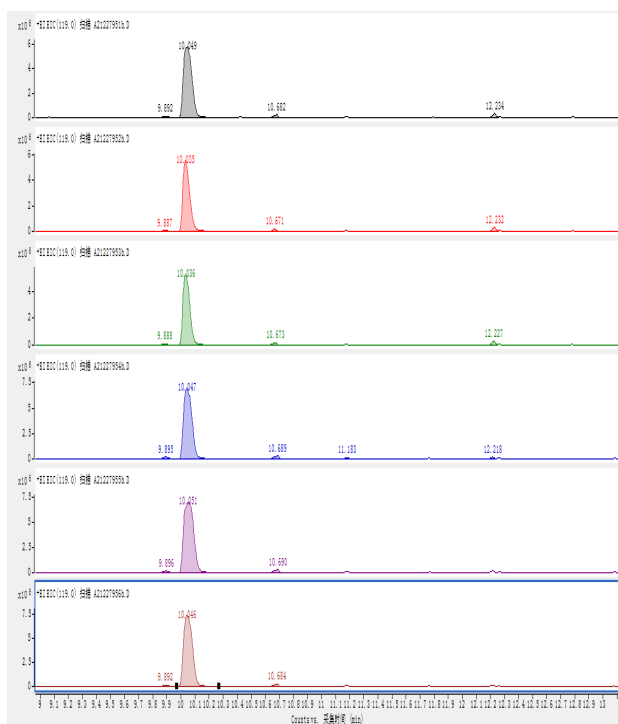
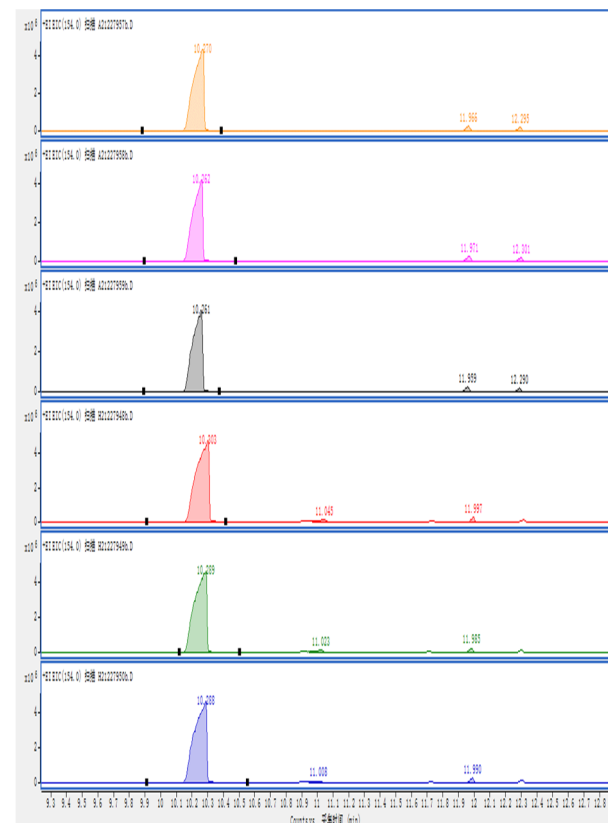
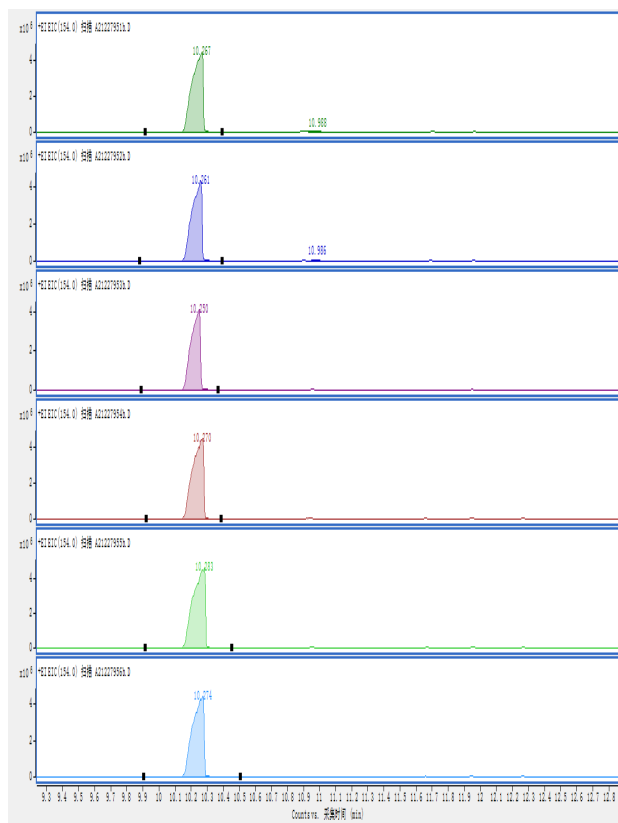


Compounds 1: o-Cymene; Formula: C₁₀H₁₄
 Index:XMW0127; Rt=10.032min

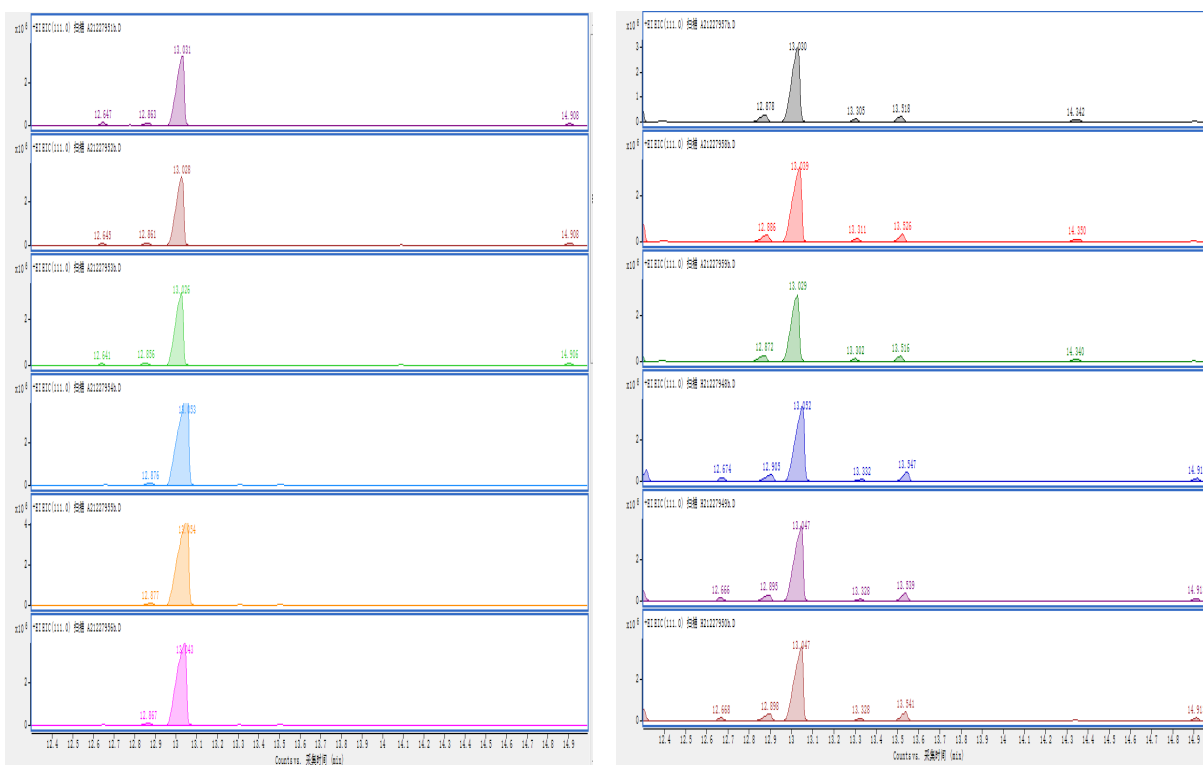


Compounds 2: 1,8-Cineole ; Formula: C₁₀H₁₈O
 Index:KMW0218; Rt=10.2449



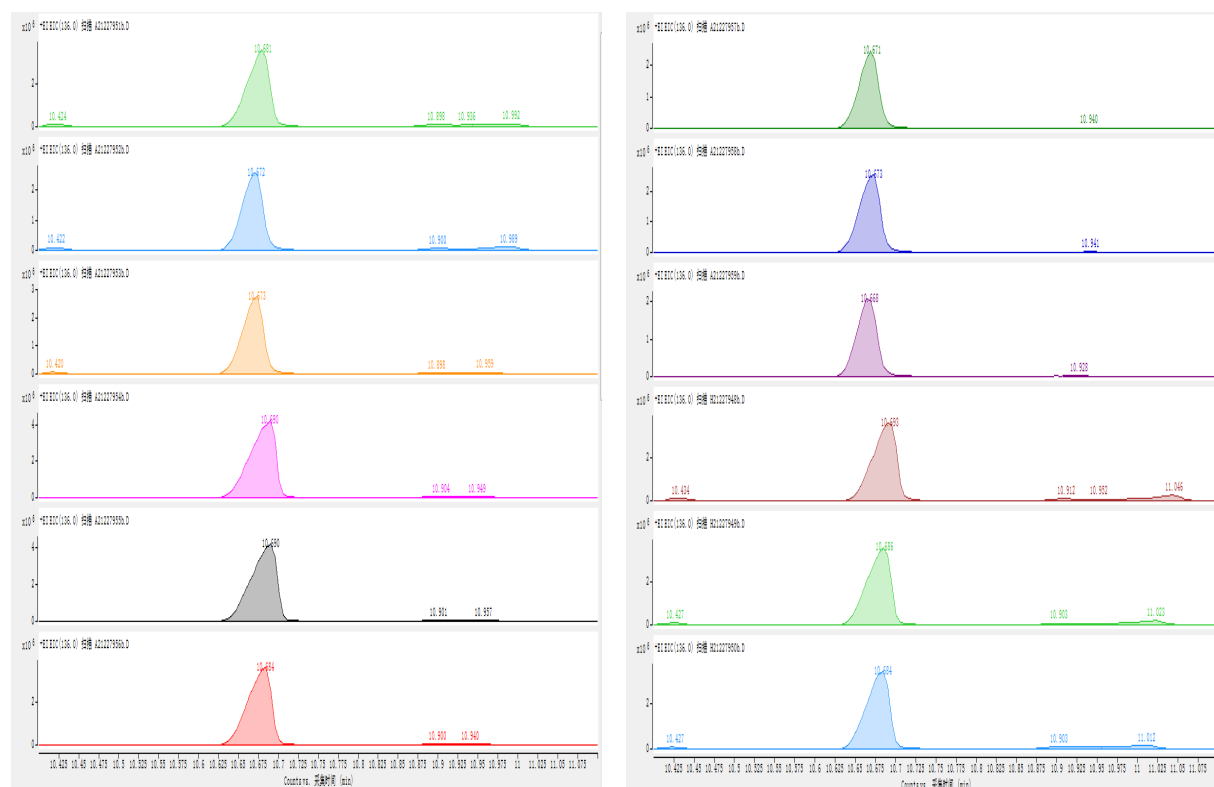
Compounds 3:(1R)-4-methyl-1-propan; Formula: C10H18O

Index:NMW0005; Rt=13.0314



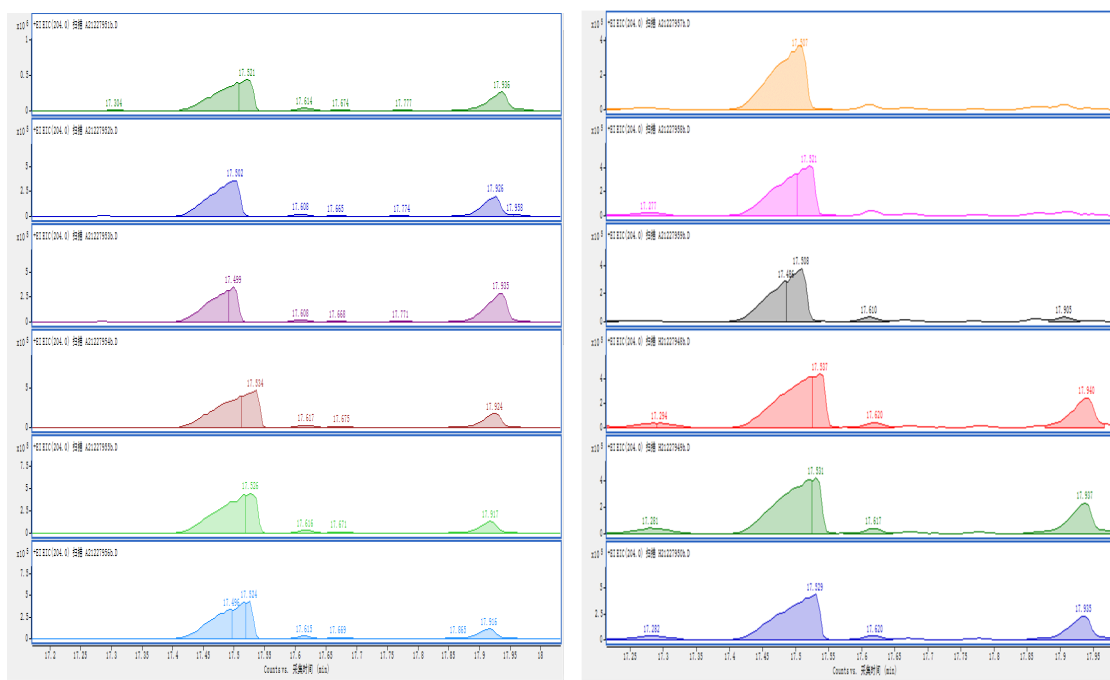
Compounds 4: γ -Terpinene; Formula: C10H16

Index:KMW0259; Rt=10.6687



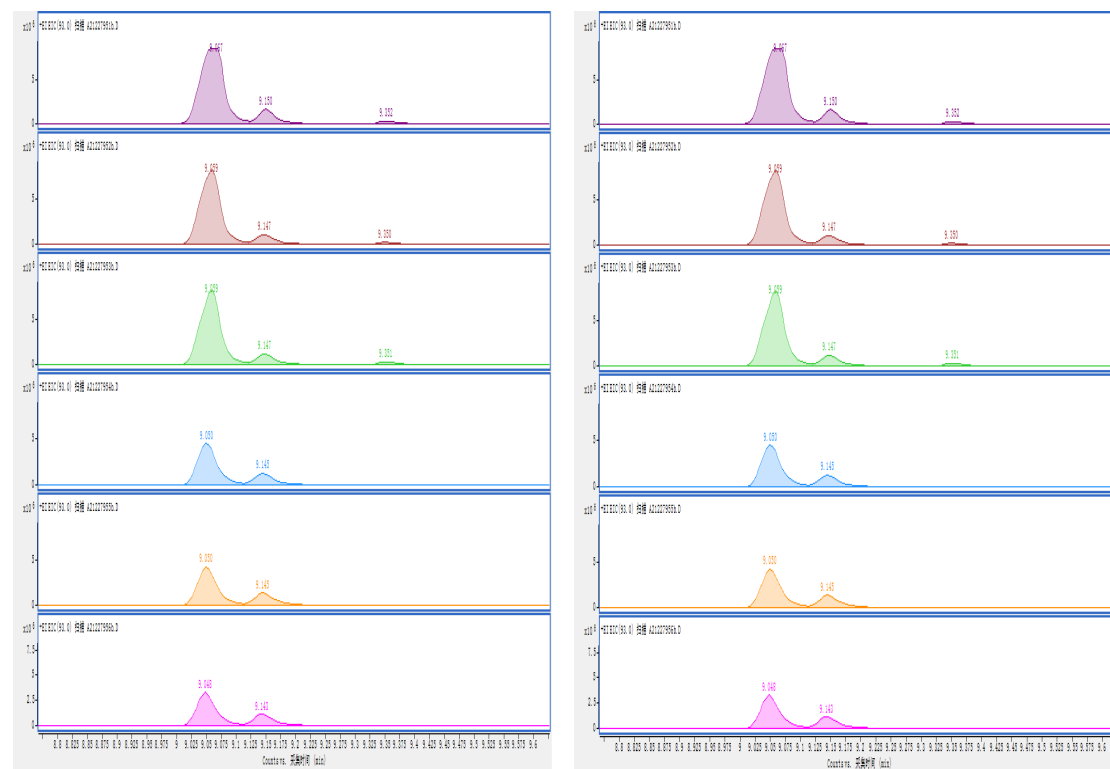
Compounds 5: β -Caryophyllene; Formula: C₁₅H₂₄

Index:KMW0565; Rt=17.5135

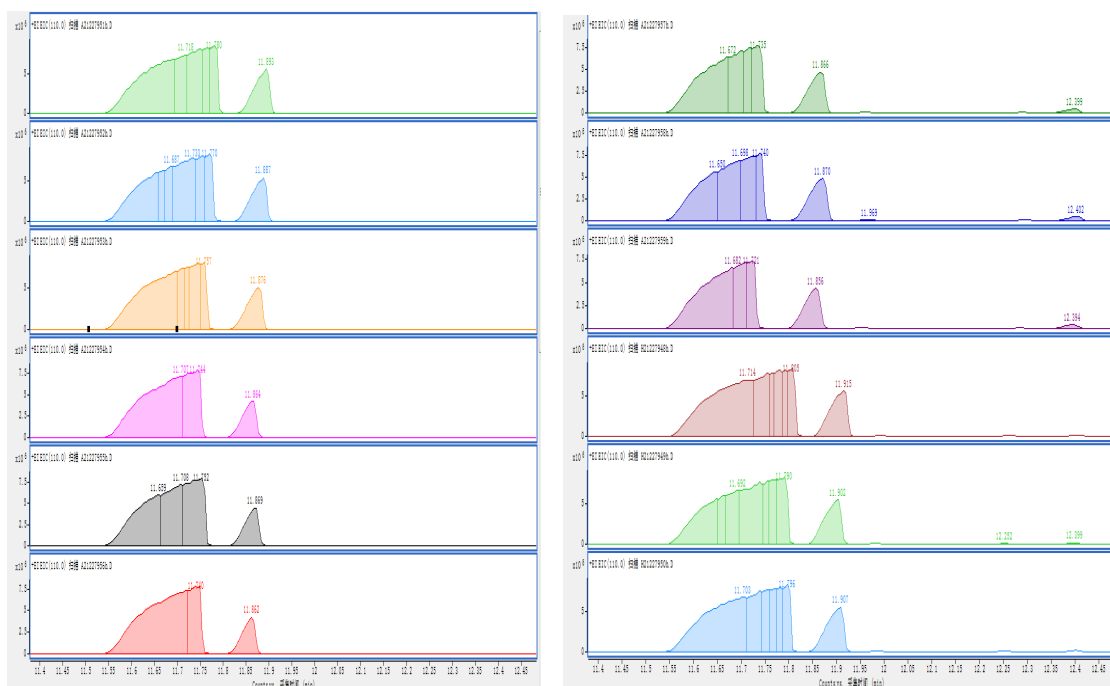


Compounds 6: Sabinene; Formula: C₁₀H₁₆

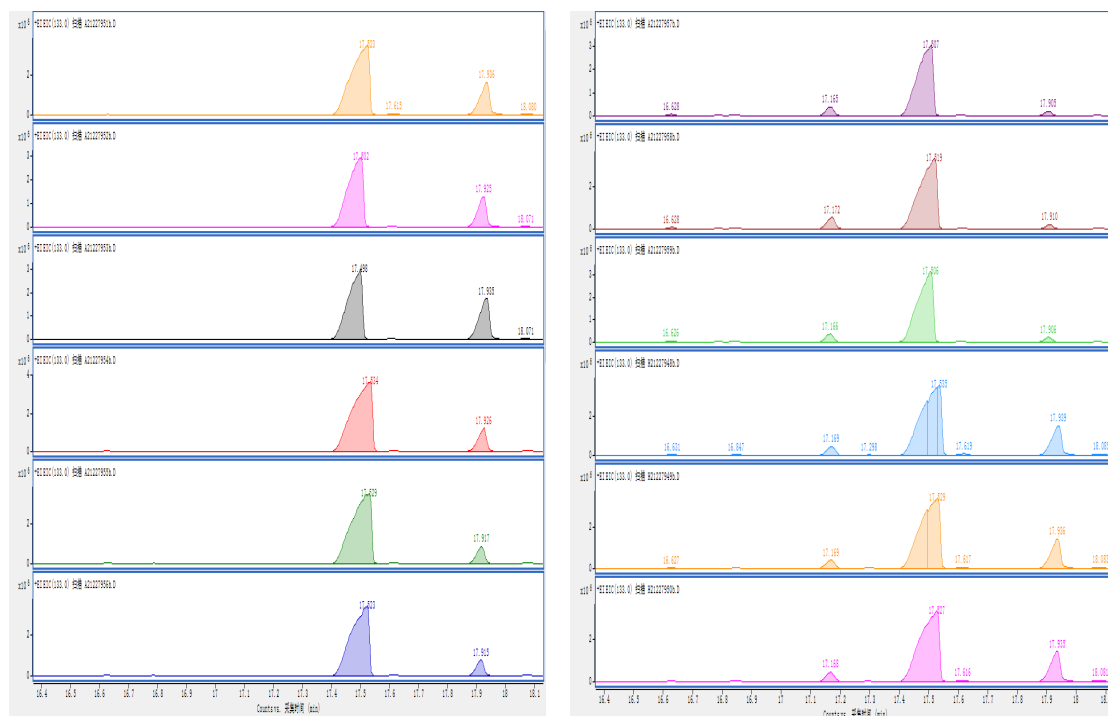
Index:KMW0178; Rt=9.0522



Compounds 7: Thujone; Formula: C₁₀H₁₆O
 Index:WMW0194; Rt=11.8547

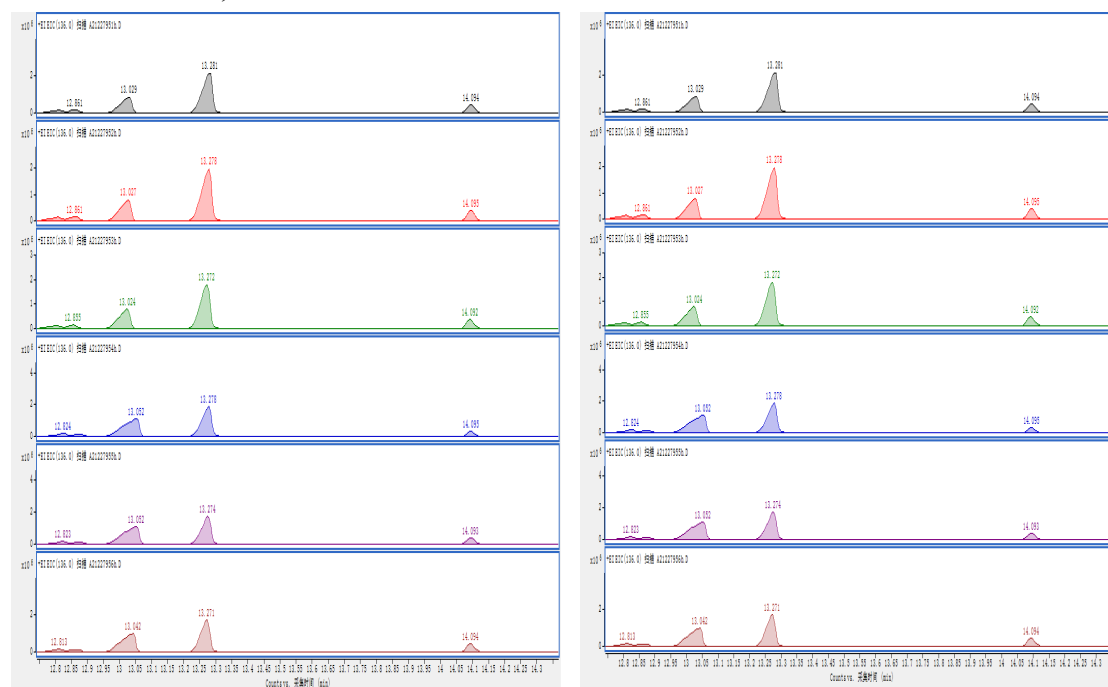


Compounds 8: β -Farnesene ; Formula: C₁₅H₂₄
 Index:KMW0478; Rt=17.921



Compounds 9: α -Terpineol ; Formula: C₁₀H₁₈O

Index:NMW0071; Rt=13.2728



Compounds 10: β -Selinene; Formula: C₁₅H₂₄

Index:KMW0556; Rt=18.6734

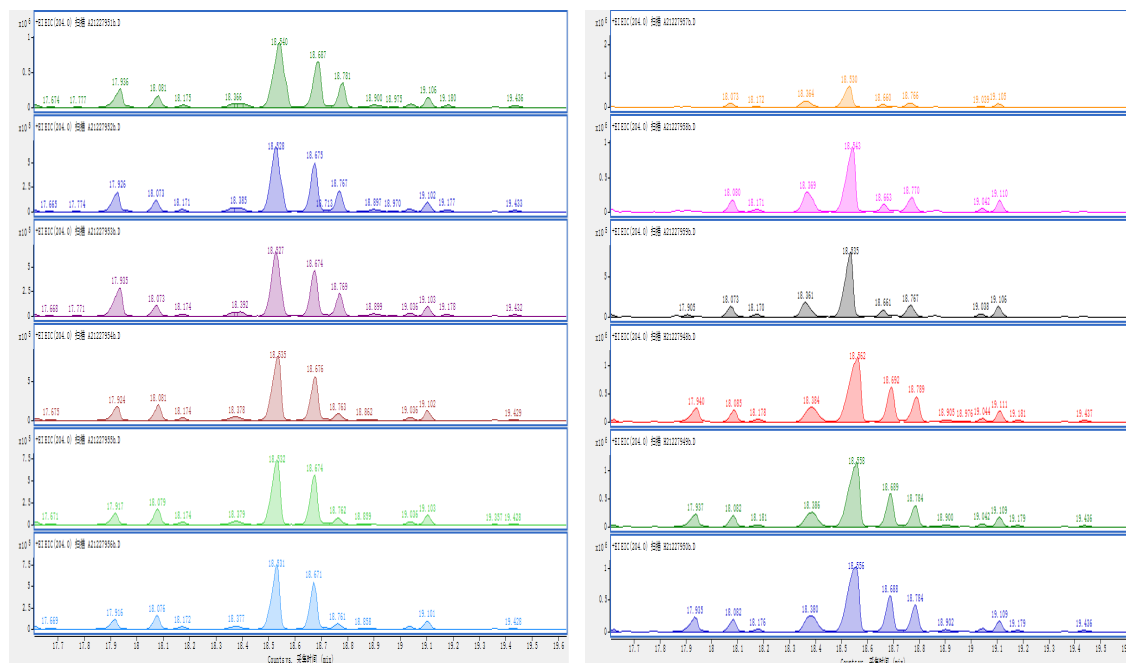


Figure S1. GC-MS chromatogram in extracted ion chromatogram (EIC) mode of 10 constituents in *Folium A. Argyi* extract.

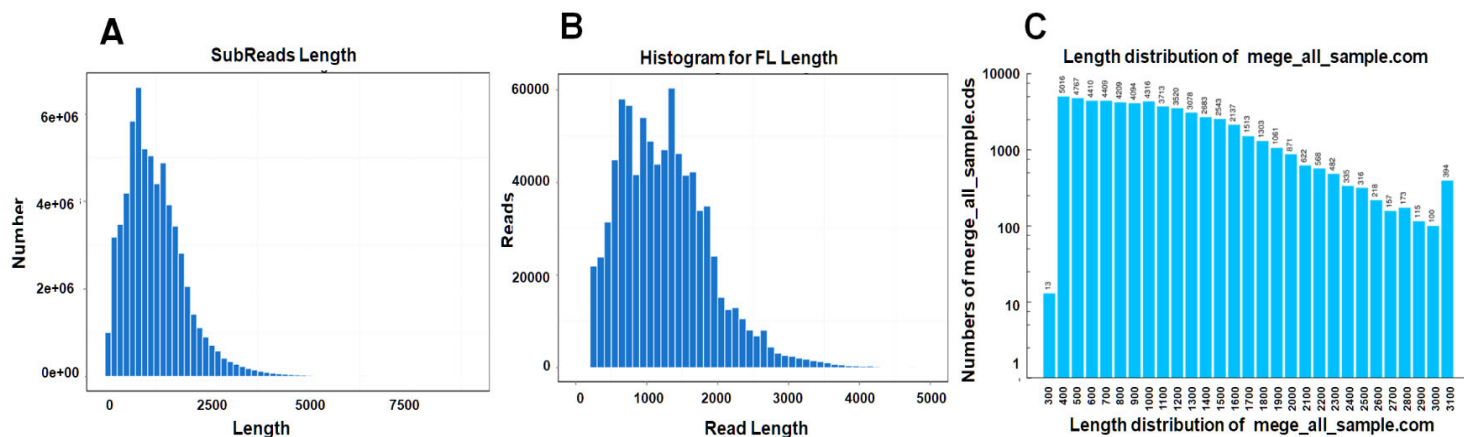


Figure S2. PacBio single-molecule long-read sequencing of *A. argyi*. (A) Subread length distribution. (B) Length distribution of full-length non-chimeric reads. (C) Length distribution of CDSs of all isoforms.

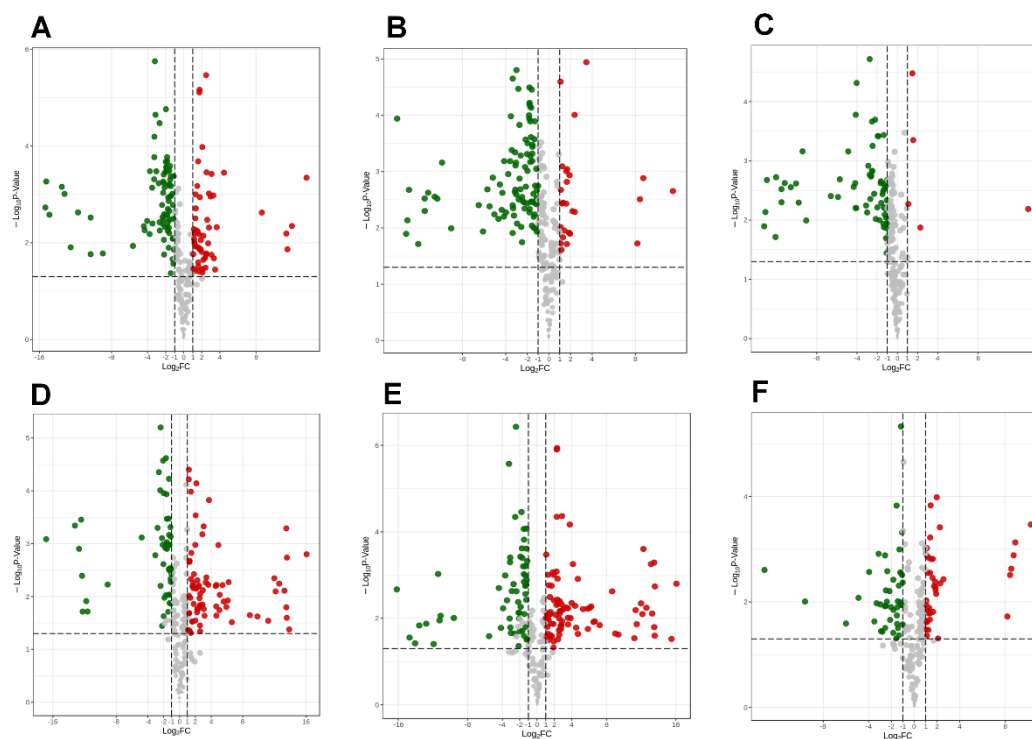


Figure S3. Volcano plots exhibiting differential expression of genes associated with different *A. argyi* developmental stages. (A) Samples harvested in April and July; (B) Samples harvested in April and June; (C) Samples harvested in April and May; (D) Samples harvested in June and July; (E) Samples harvested in May and July. (F) Samples harvested in May and June