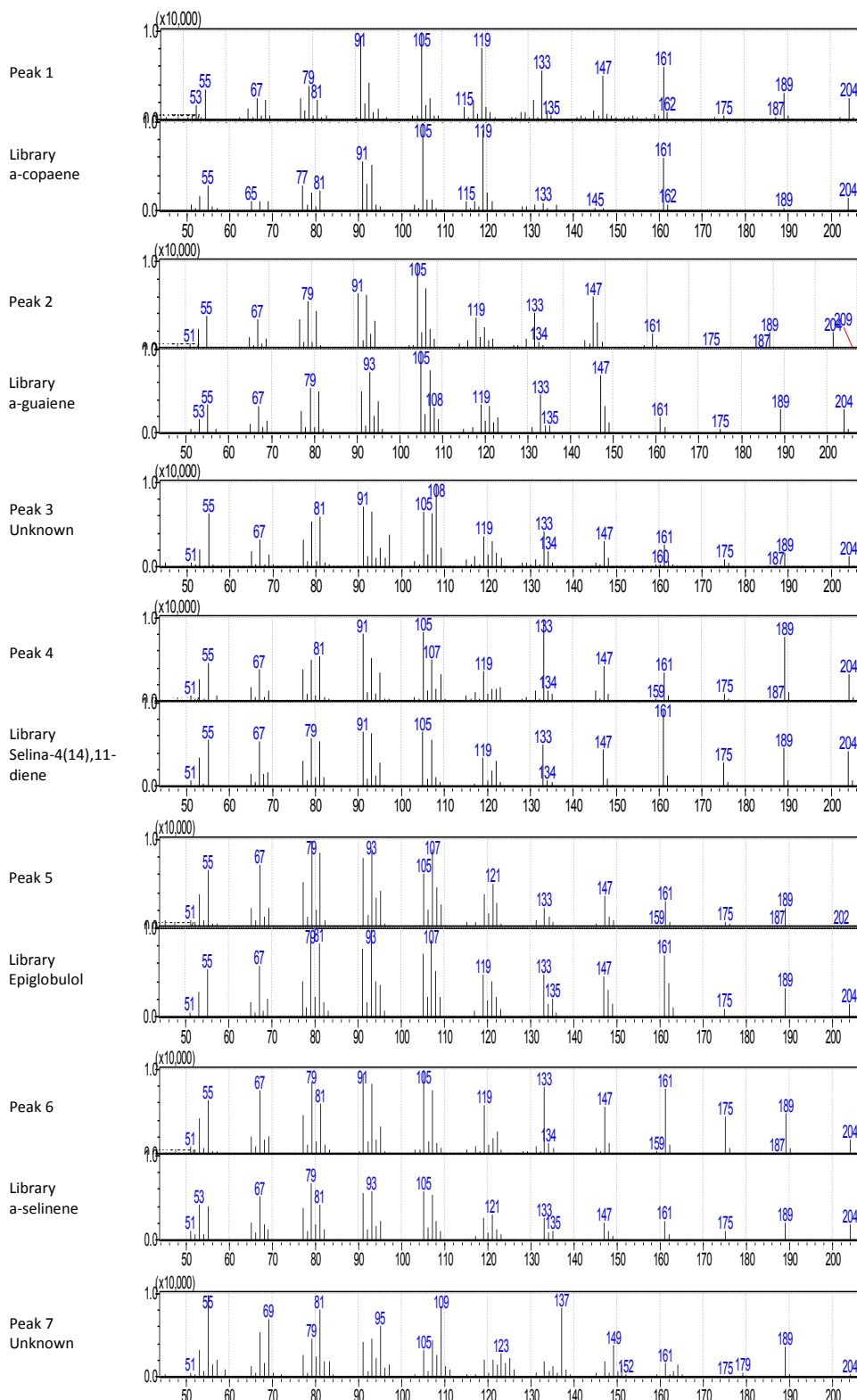
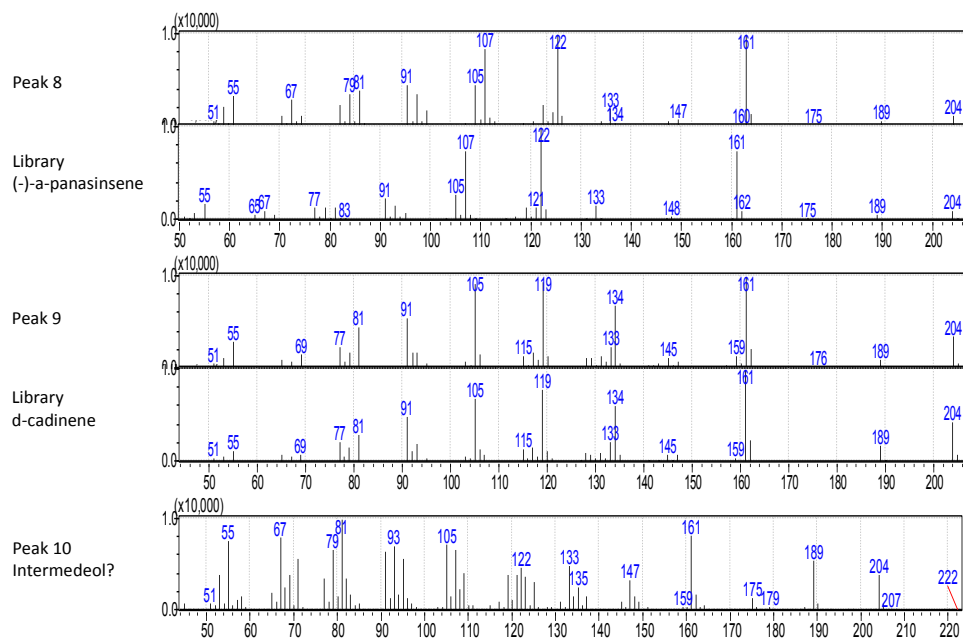
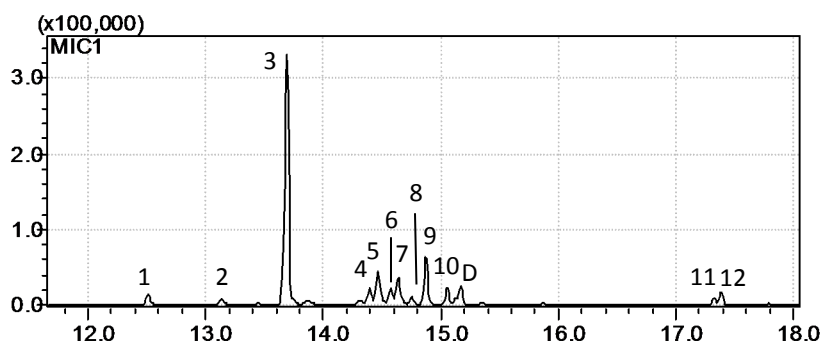


1. Alpha-copaene
2. Alpha-guaiene
3. Unknown
4. Selina-4(14),11-diene
5. Epiglobulol
6. Alpha-selinene
7. Unknown
8. (-)-alpha panasinsene
9. Delta-cadinene
10. Intermedeol?



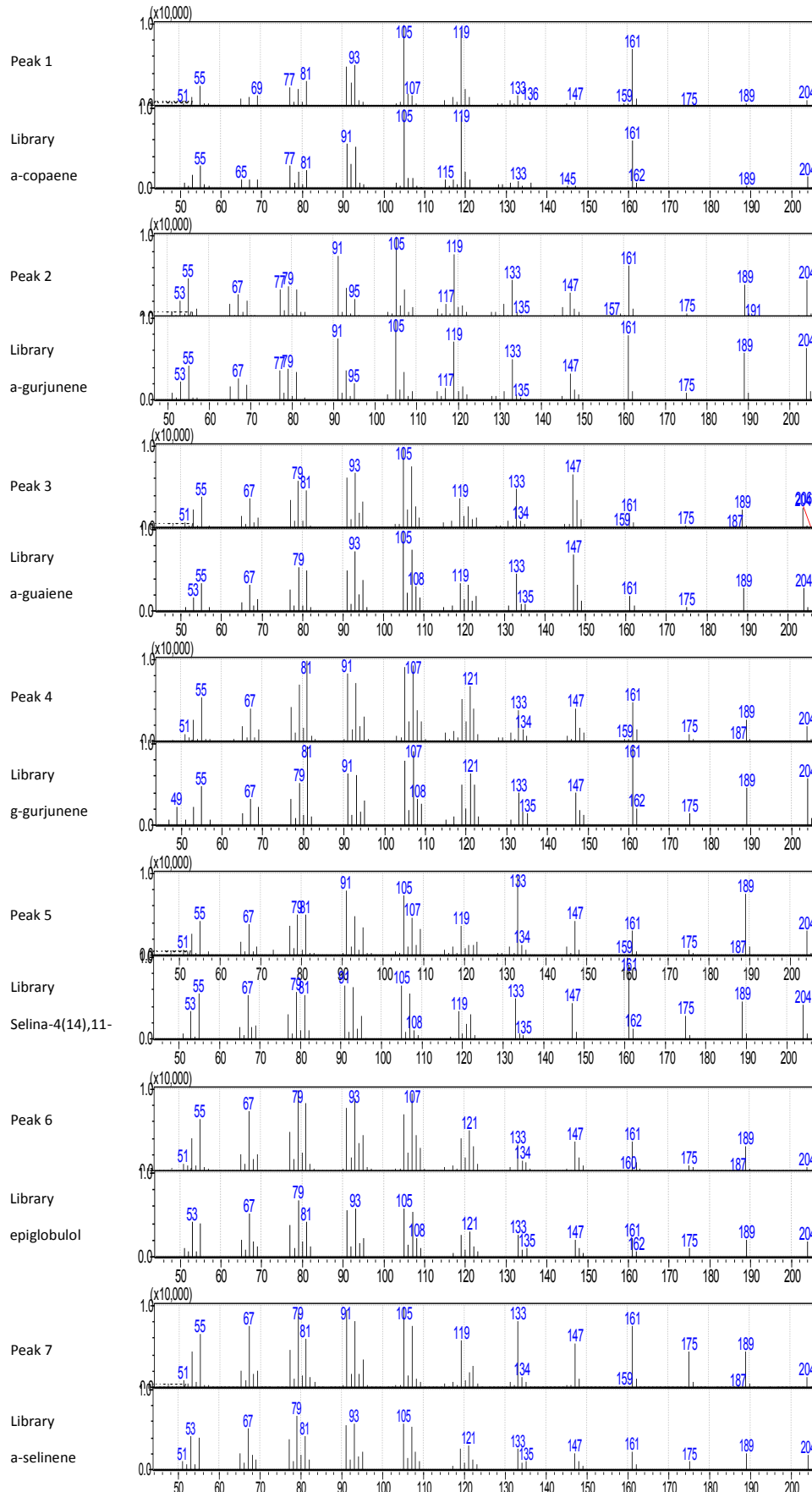
## TPS24 double mutant GC-MS chromatogram and MS's

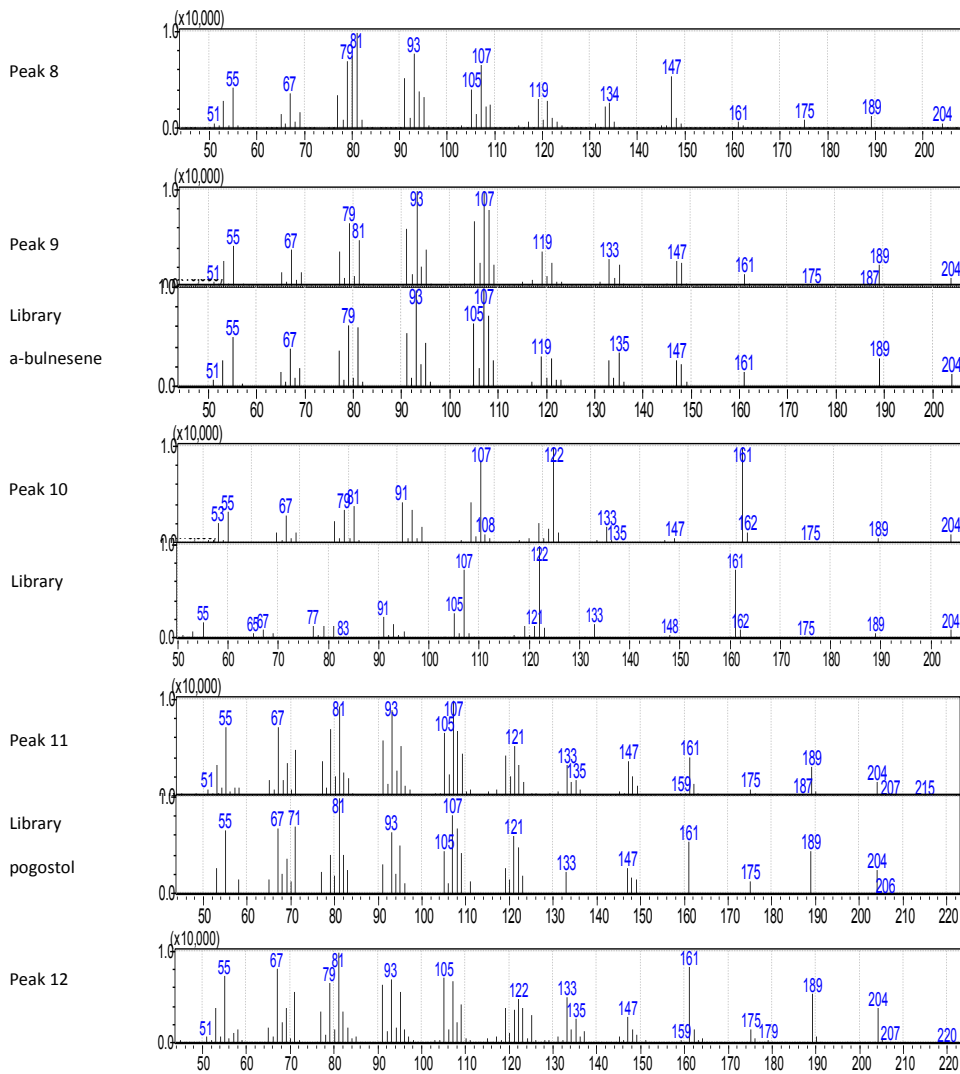


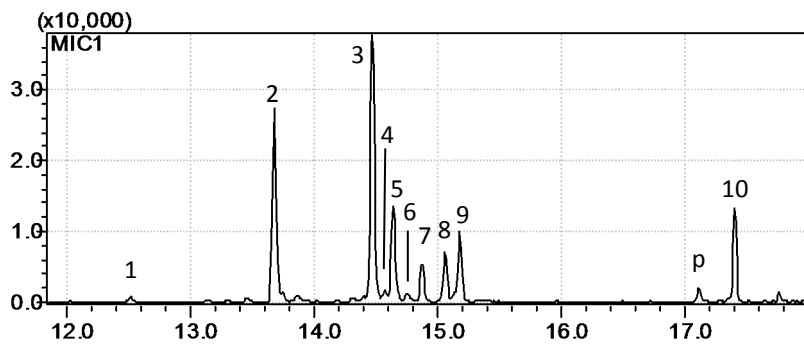


1. Alpha-copaene
2. Alpha-gurjunene
3. Alpha-guaiene
4. Gamma-gurjunene
5. Selina-4(14),11-diene
6. Epiglobulol
7. Alpha-selinene
8. Unknown sesquiterpene

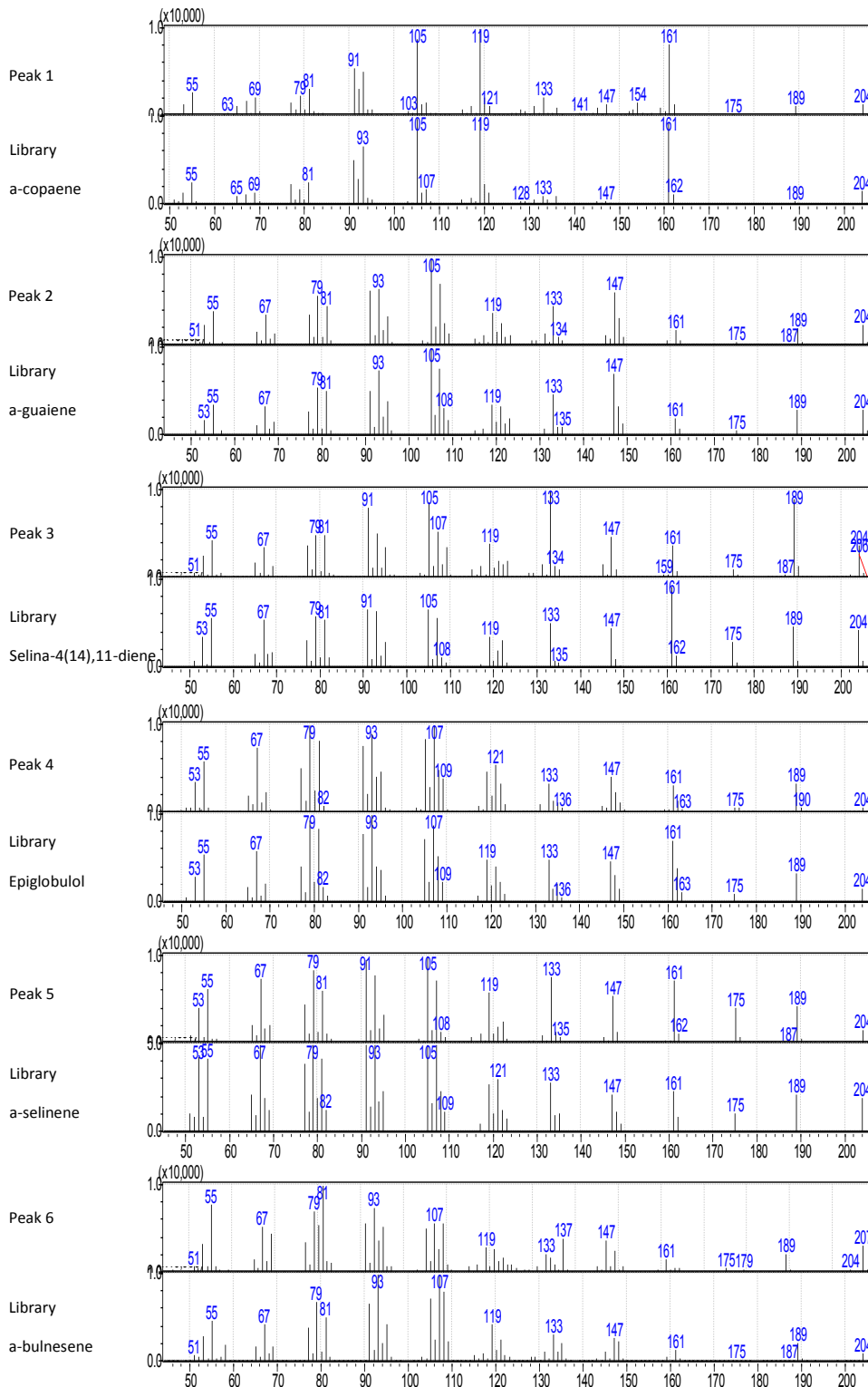
## TPS24 T414S mutant GC- MS chroma- togram and MS's



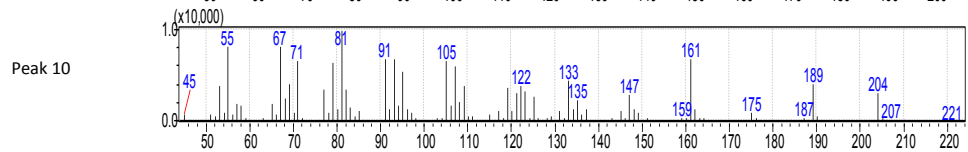
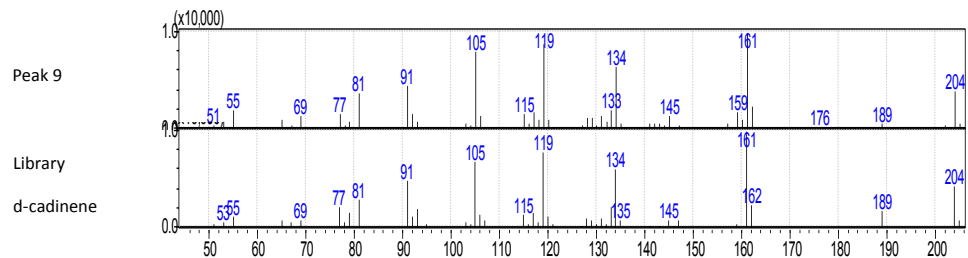
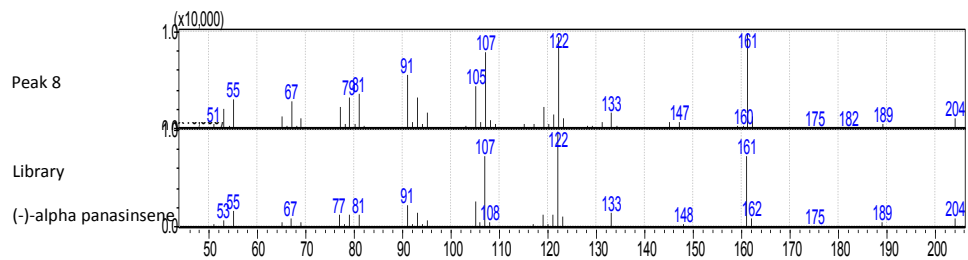


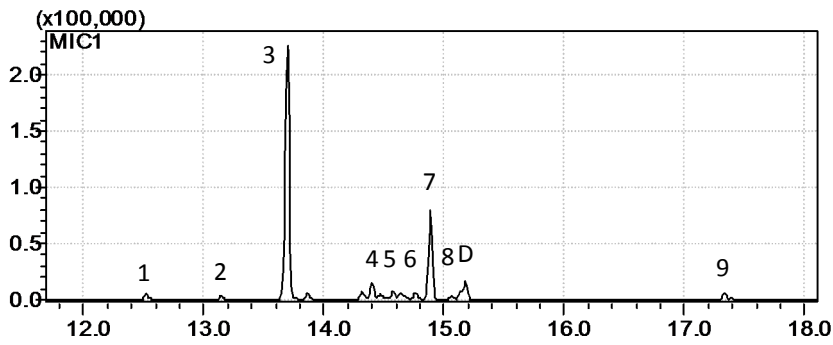


1. Alpha-copaene
2. Alpha-guaiene
3. Selina-4(14),11-diene
4. Epiglobulol
5. Alpha-selinene
6. Unknown sesquiterpene



## TPS24 V530M mu- tant GC-MS chromato- gram and MS's





1. Alpha-copaene
2. Alpha-gurjunene
3. Alpha-guaiene
4. Gamma-gurjunene
5. Epiglobulol
6. Unknown sesquiterpene

## TPS24 WT GC-MS chromatogram and MS's

