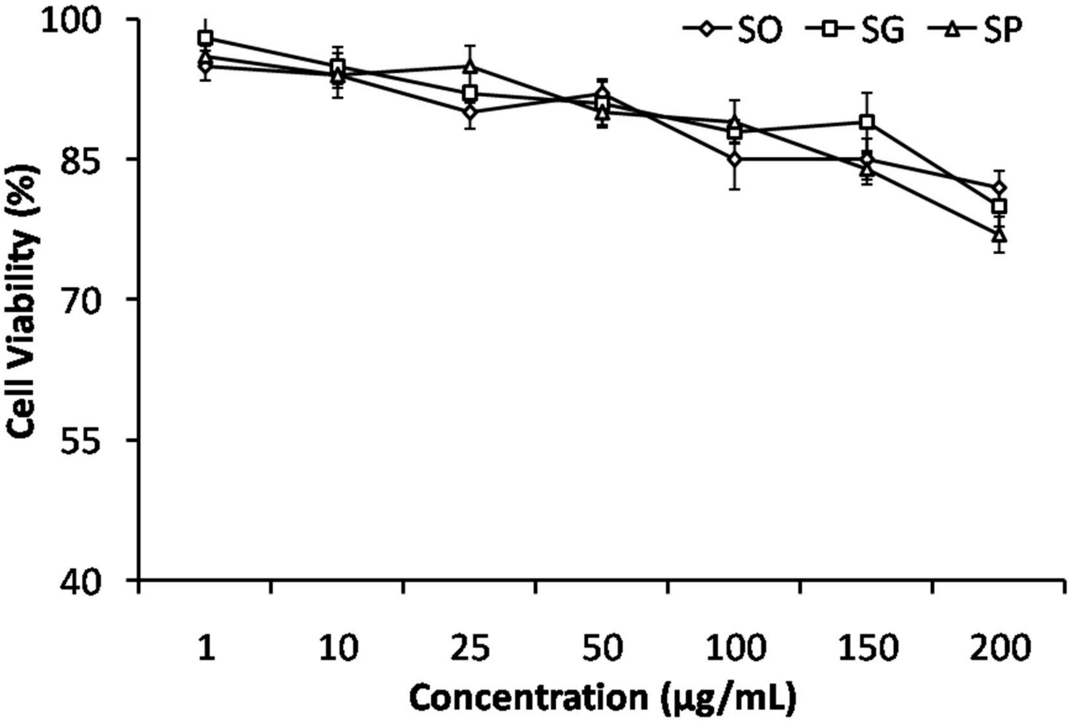


Fig. S1 Effects of SO, SG and SP essential oil on cell viability of RAW264.7

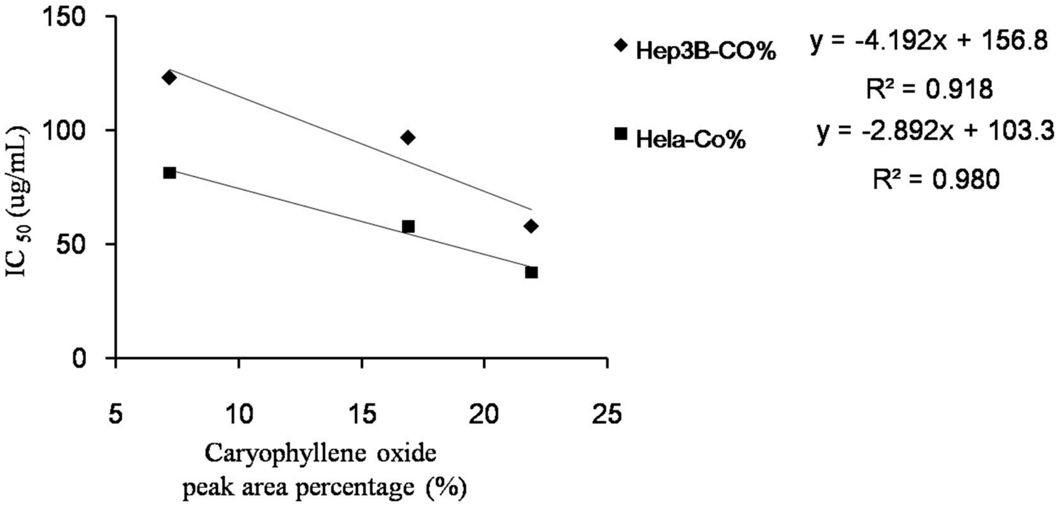
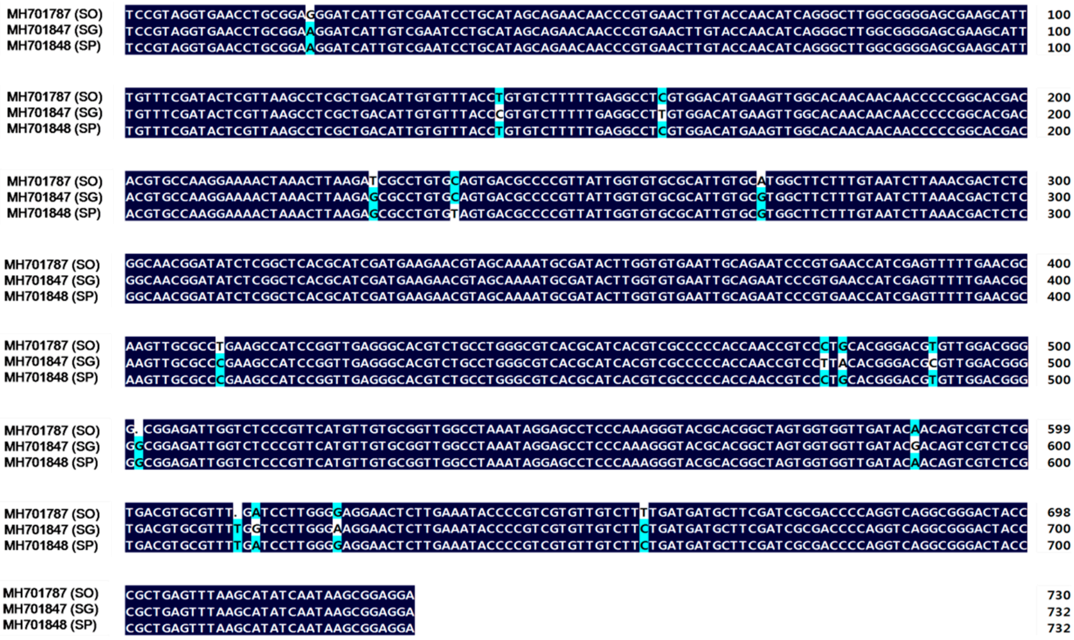


Fig. S2 Linear regression analysis of caryophyllene oxide peak area percentages and IC_{50} of Hep3B and Hela cytotoxicity.



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MH701787 (SO)  TCCGTAGGTGAACCTGCGGAGGGATCATTGTCGAATCCTGCATAGCAGAACAACCCGTGAACTTGTACCAACATCAGGGCTTGGCGGGGAGCGAAGCATT  100
MH701847 (SG)  TCCGTAGGTGAACCTGCGGAAGGATCATTGTCGAATCCTGCATAGCAGAACAACCCGTGAACTTGTACCAACATCAGGGCTTGGCGGGGAGCGAAGCATT  100
MH701848 (SP)  TCCGTAGGTGAACCTGCGGAAGGATCATTGTCGAATCCTGCATAGCAGAACAACCCGTGAACTTGTACCAACATCAGGGCTTGGCGGGGAGCGAAGCATT  100

MH701787 (SO)  TGTTTCGATACTCGTTAAGCCTCGCTGACATTGTGTTTACCTGTGTCTTTTTGAGGCCTCGTGGACATGAAGTTGGCACAACAACAACCCCCGGCACGAC  200
MH701847 (SG)  TGTTTCGATACTCGTTAAGCCTCGCTGACATTGTGTTTACCCGTGTCTTTTTGAGGCCTTGTGGACATGAAGTTGGCACAACAACAACCCCCGGCACGAC  200
MH701848 (SP)  TGTTTCGATACTCGTTAAGCCTCGCTGACATTGTGTTTACCTGTGTCTTTTTGAGGCCTCGTGGACATGAAGTTGGCACAACAACAACCCCCGGCACGAC  200

MH701787 (SO)  ACGTGCCAAGGAAAACTAAACTTAAGATCGCCTGTGCAGTGACGCCCCGTTATTGGTGTGCGCATTGTGCATGGCTTCTTTGTAATCTTAAACGACTCTC  300
MH701847 (SG)  ACGTGCCAAGGAAAACTAAACTTAAGAGCGCCTGTGCAGTGACGCCCCGTTATTGGTGTGCGCATTGTGCGTGGCTTCTTTGTAATCTTAAACGACTCTC  300
MH701848 (SP)  ACGTGCCAAGGAAAACTAAACTTAAGAGCGCCTGTGTAGTGACGCCCCGTTATTGGTGTGCGCATTGTGCGTGGCTTCTTTGTAATCTTAAACGACTCTC  300

MH701787 (SO)  GGCAACGGATATCTCGGCTCACGCATCGATGAAGAACGTAGCAAAATGCGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTTTTTGAACGC  400
MH701847 (SG)  GGCAACGGATATCTCGGCTCACGCATCGATGAAGAACGTAGCAAAATGCGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTTTTTGAACGC  400
MH701848 (SP)  GGCAACGGATATCTCGGCTCACGCATCGATGAAGAACGTAGCAAAATGCGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTTTTTGAACGC  400

MH701787 (SO)  AAGTTGCGCCTGAAGCCATCCGGTTGAGGGCACGTCTGCCTGGGCGTCACGCATCACGTCGCCCCCACCAACCGTCCCTGCACGGGACGTGTTGGACGGG  500
MH701847 (SG)  AAGTTGCGCCCGAAGCCATCCGGTTGAGGGCACGTCTGCCTGGGCGTCACGCATCACGTCGCCCCCACCAACCGTCCTTACACGGGACGCGTTGGACGGG  500
MH701848 (SP)  AAGTTGCGCCCGAAGCCATCCGGTTGAGGGCACGTCTGCCTGGGCGTCACGCATCACGTCGCCCCCACCAACCGTCCCTGCACGGGACGTGTTGGACGGG  500

MH701787 (SO)  G.CGGAGATTGGTCTCCCGTTCATGTTGTGCGGTTGGCCTAAATAGGAGCCTCCCAAAGGGTACGCACGGCTAGTGGTGGTTGATACAACAGTCGTCTCG  599
MH701847 (SG)  GGCGGAGATTGGTCTCCCGTTCATGTTGTGCGGTTGGCCTAAATAGGAGCCTCCCAAAGGGTACGCACGGCTAGTGGTGGTTGATACGACAGTCGTCTCG  600
MH701848 (SP)  GGCGGAGATTGGTCTCCCGTTCATGTTGTGCGGTTGGCCTAAATAGGAGCCTCCCAAAGGGTACGCACGGCTAGTGGTGGTTGATACAACAGTCGTCTCG  600

MH701787 (SO)  TGACGTGCGTTT.GATCCTTGGGGAGGAACTCTTGAAATACCCCGTCGTGTTGTCTTTTGATGATGCTTCGATCGCGACCCCAGGTCAGGCGGGACTACC  698
MH701847 (SG)  TGACGTGCGTTTTGGTCCTTGGGAAGGAACTCTTGAAATACCCCGTCGTGTTGTCTTCTGATGATGCTTCGATCGCGACCCCAGGTCAGGCGGGACTACC  700
MH701848 (SP)  TGACGTGCGTTTTGATCCTTGGGGAGGAACTCTTGAAATACCCCGTCGTGTTGTCTTCTGATGATGCTTCGATCGCGACCCCAGGTCAGGCGGGACTACC  700

MH701787 (SO)  CGCTGAGTTTAAGCATATCAATAAGCGGAGGA                                                                      730
MH701847 (SG)  CGCTGAGTTTAAGCATATCAATAAGCGGAGGA                                                                      732
MH701848 (SP)  CGCTGAGTTTAAGCATATCAATAAGCGGAGGA                                                                      732
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Fig. S3 Multiple alignment of the ITS1-5.8S-ITS2 sequence of SO, SG and SP