

Terpenes as natural building blocks for the synthesis of hierarchically porous polymers: Bio-based polyHIPEs with high surface areas

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Supporting Information

Table S1 Compositions of high internal phase emulsions

Sample	m(Terpene) [g]	m(Acrylate) [g]	m(HB246) [g]	m(toluene) [g]	m(AIBN) [g]	m(aq. Ph) [g]
LT1_3	0.344	2.231	0.107	1.356	0.05	15.6
LT1_1	0.822	1.797	0.106	1.308	0.051	16.3
LT3_1	1.365	1.033	0.097	1.184	0.049	15.5
LP1_3	0.352	2.645	0.119	1.507	0.061	17.4
LP1_1	0.832	2.134	0.118	1.467	0.06	17.8
LP3_1	1.447	1.261	0.108	1.343	0.056	17.2
CT1_3	0.373	2.224	0.104	1.300	0.055	15.7
CT1_1	0.911	1.796	0.108	1.337	0.056	15.4
CT3_1	1.506	0.996	0.099	1.240	0.05	15.6
CP1_3	0.386	2.649	0.121	1.520	0.06	18.1
CP1_1	0.921	2.122	0.120	1.506	0.06	18.4
CP3_1	1.585	1.254	0.114	1.413	0.057	17.6
MT1_3	0.343	2.227	0.103	1.278	0.052	15.7
MT1_1	0.817	1.783	0.107	1.326	0.054	16.6
MT3_1	1.361	0.998	0.095	1.172	0.049	15.9
MP1_3	0.351	2.643	0.120	1.505	0.062	17.5
MP1_1	0.828	2.136	0.115	1.452	0.06	18.0
MP3_1	1.437	1.238	0.110	1.339	0.058	17.6
T	0	2.693	0.110	1.353	0.054	15.8
P	0	2.833	0.117	1.424	0.057	16.0

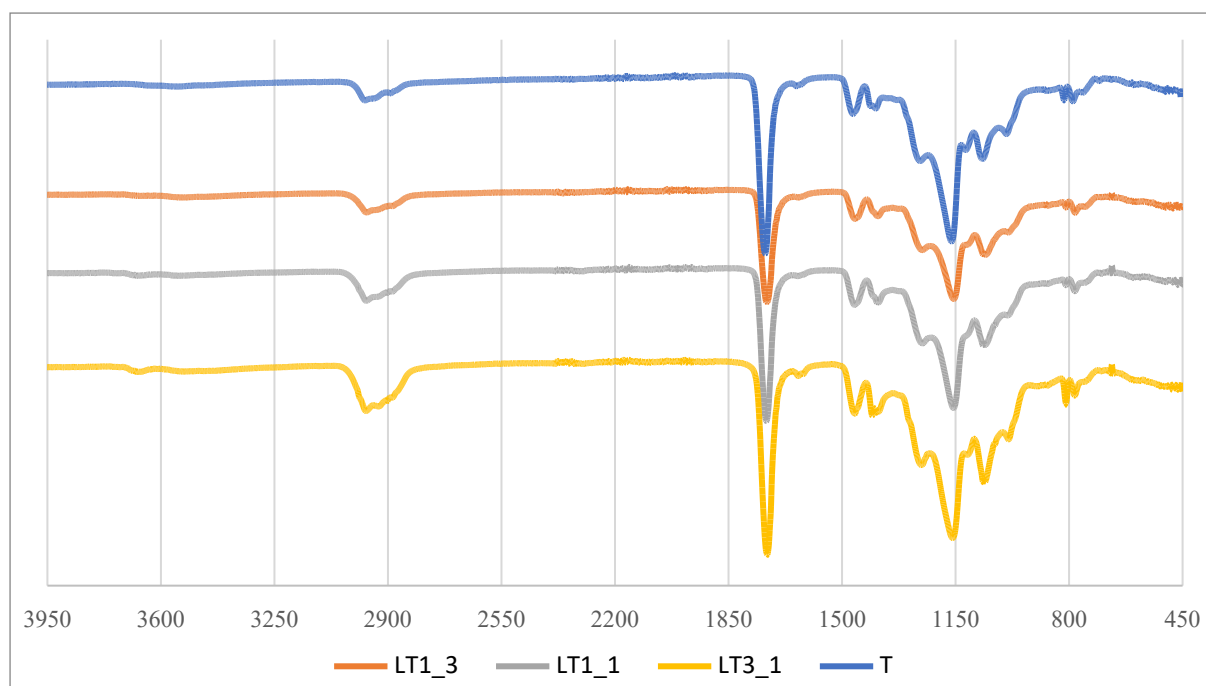


Fig. S1 FTIR spectra of poly (limonene-co-TMPTA).

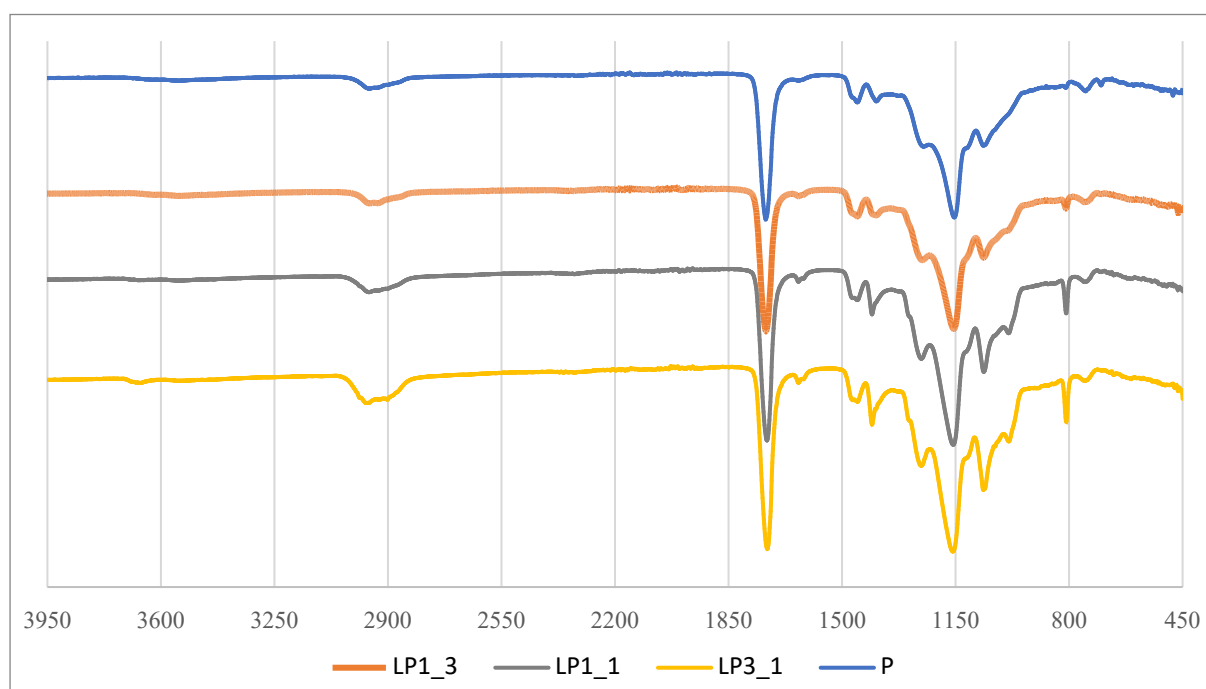


Fig. S2 FTIR spectra of poly (limonene-co-PETA).

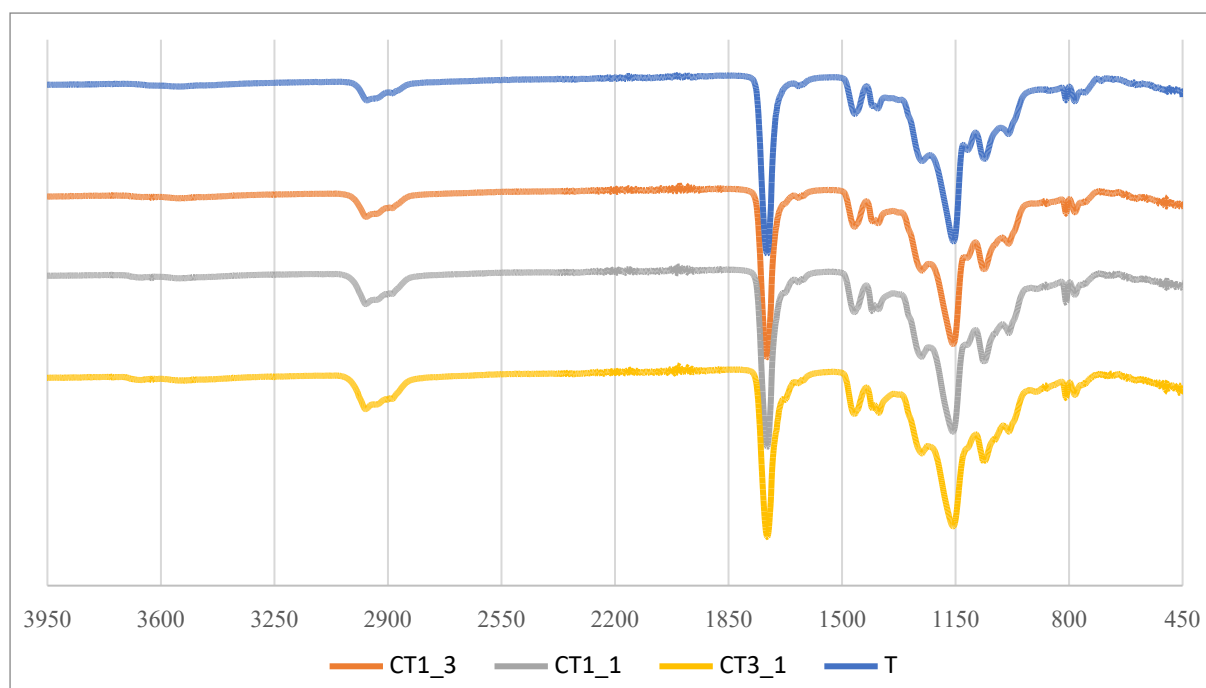


Fig. S3 FTIR spectra of poly (carvone-co-TMPTA).

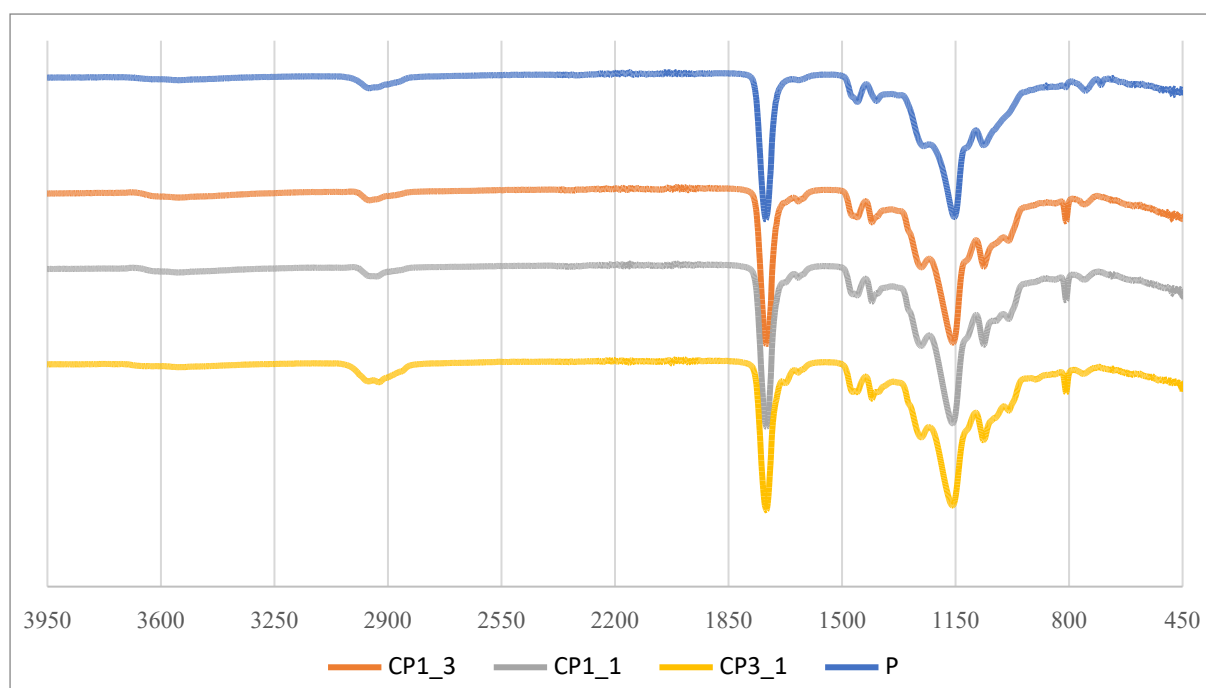


Fig S4 FTIR spectra of poly (carvone-co-PETA).

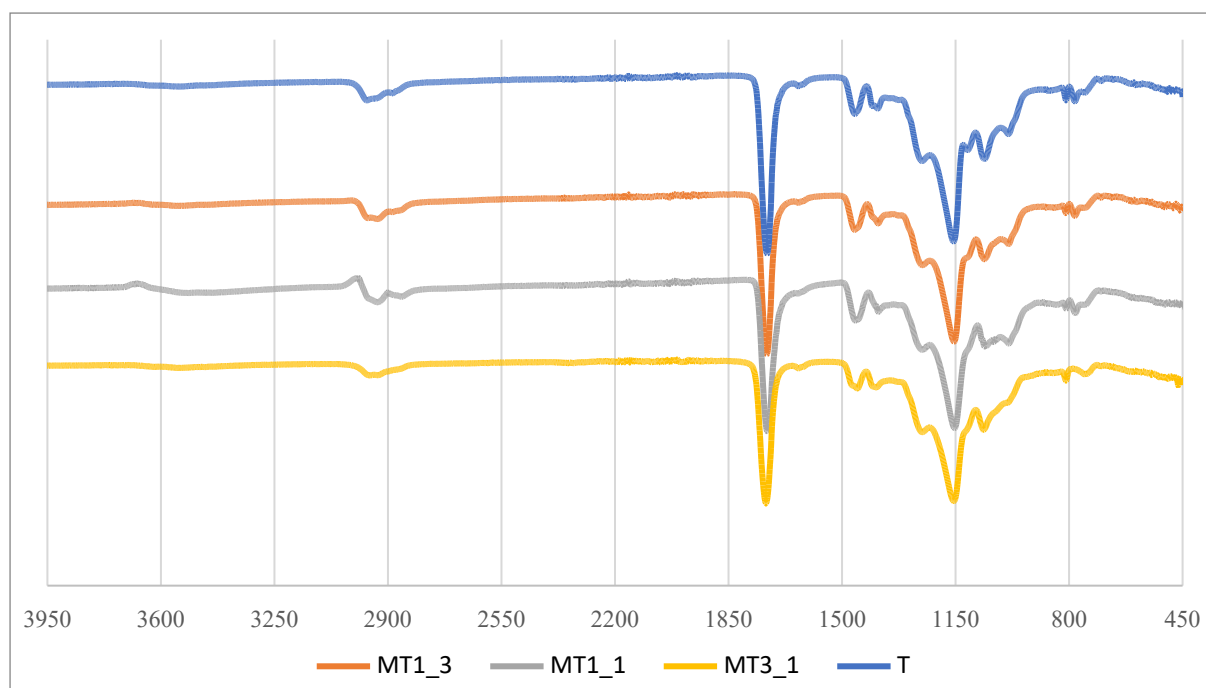


Fig. S5 FTIR spectra of poly (myrcene-co-TMPTA).

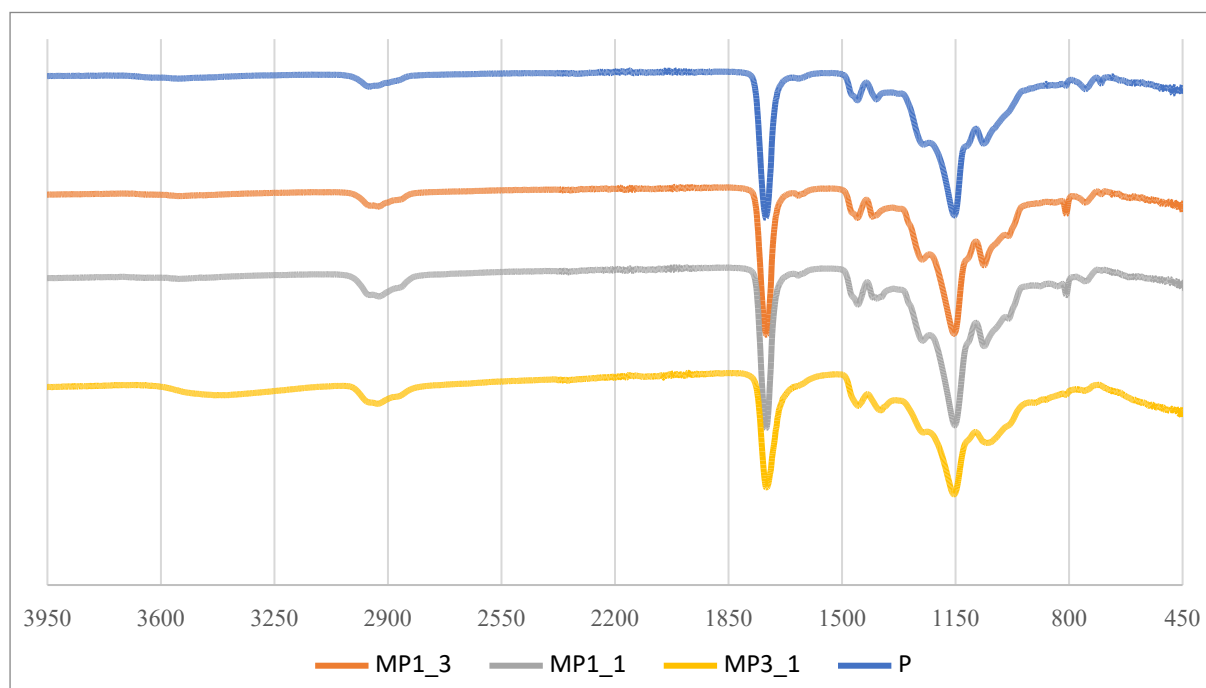


Fig. S6 FTIR spectra of poly (myrcene-co-PETA).

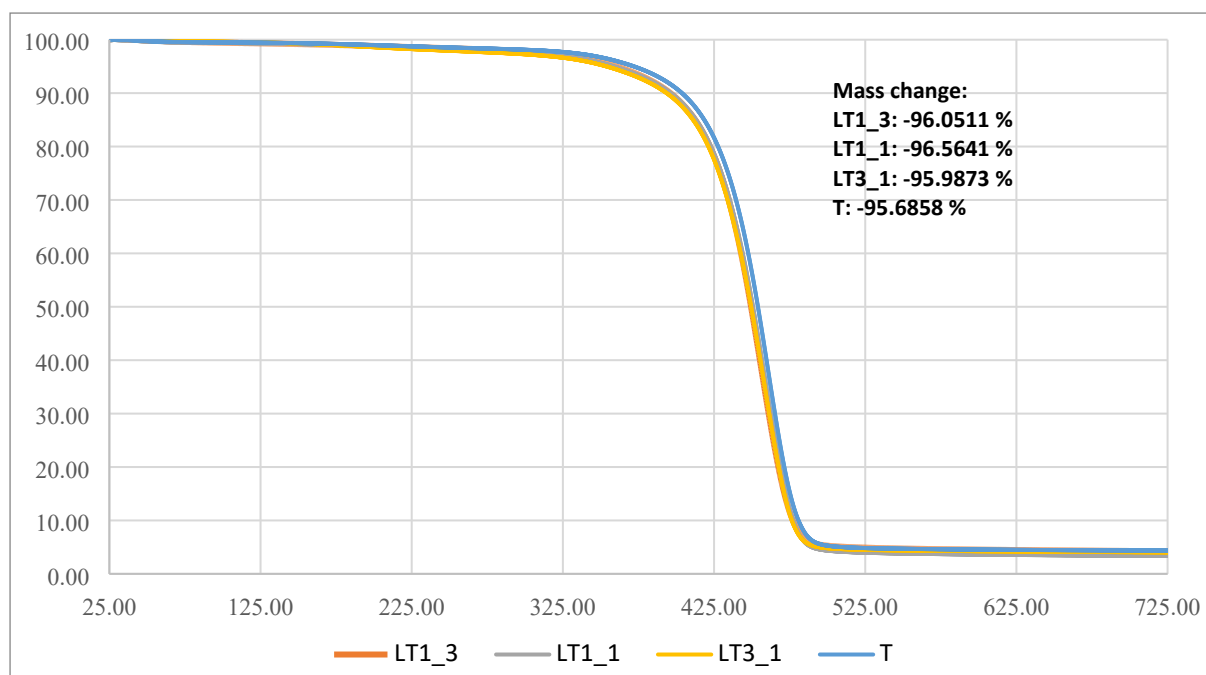


Fig. S7 TGA curves for poly (limonene-co-TMPTA).

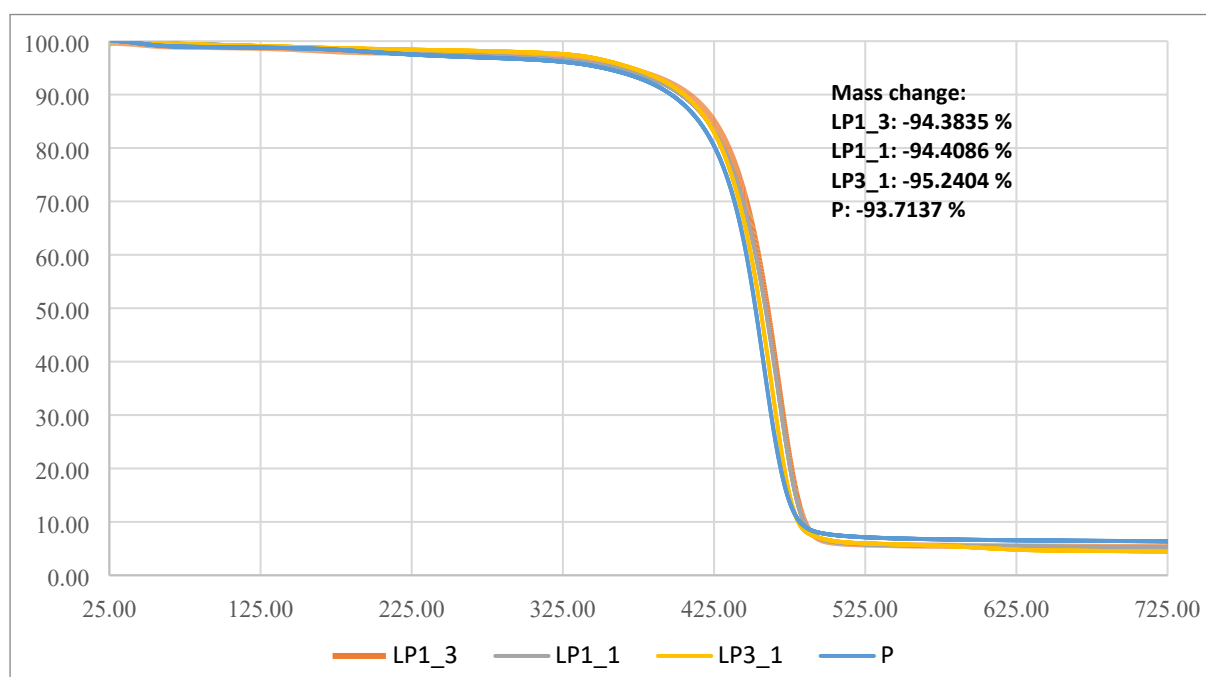


Fig. S8 TGA curves for poly (limonene-co-PETA).

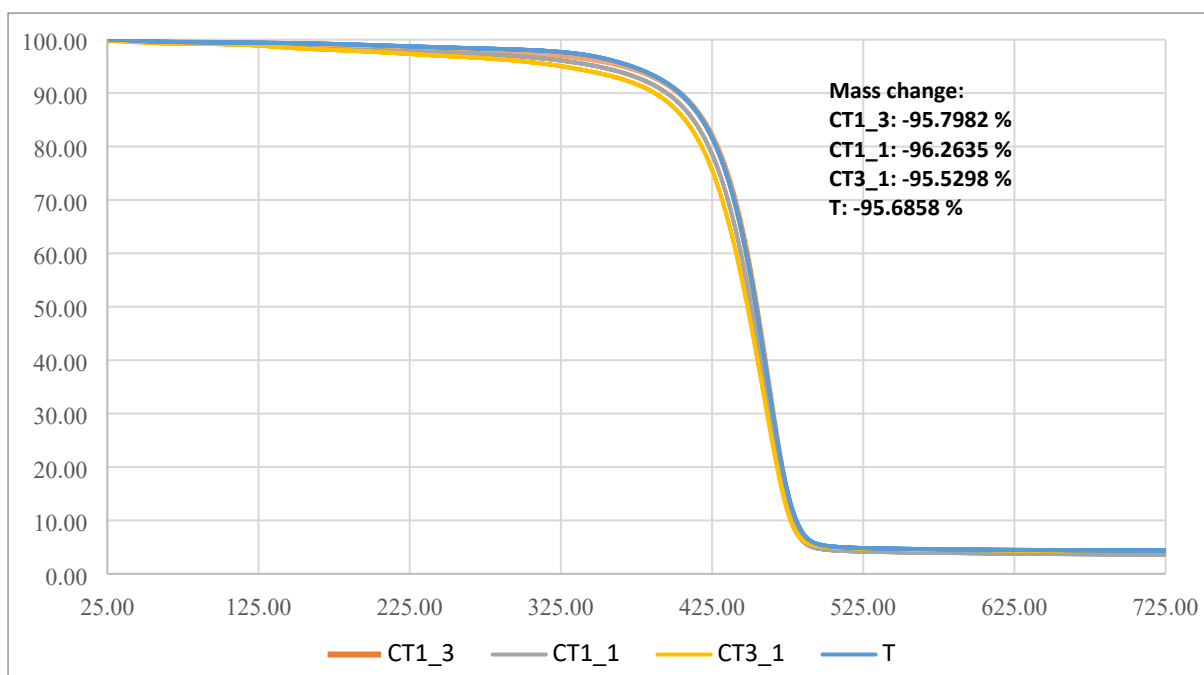


Fig. S9 TGA curves for poly (carvone-co-TMPTA).

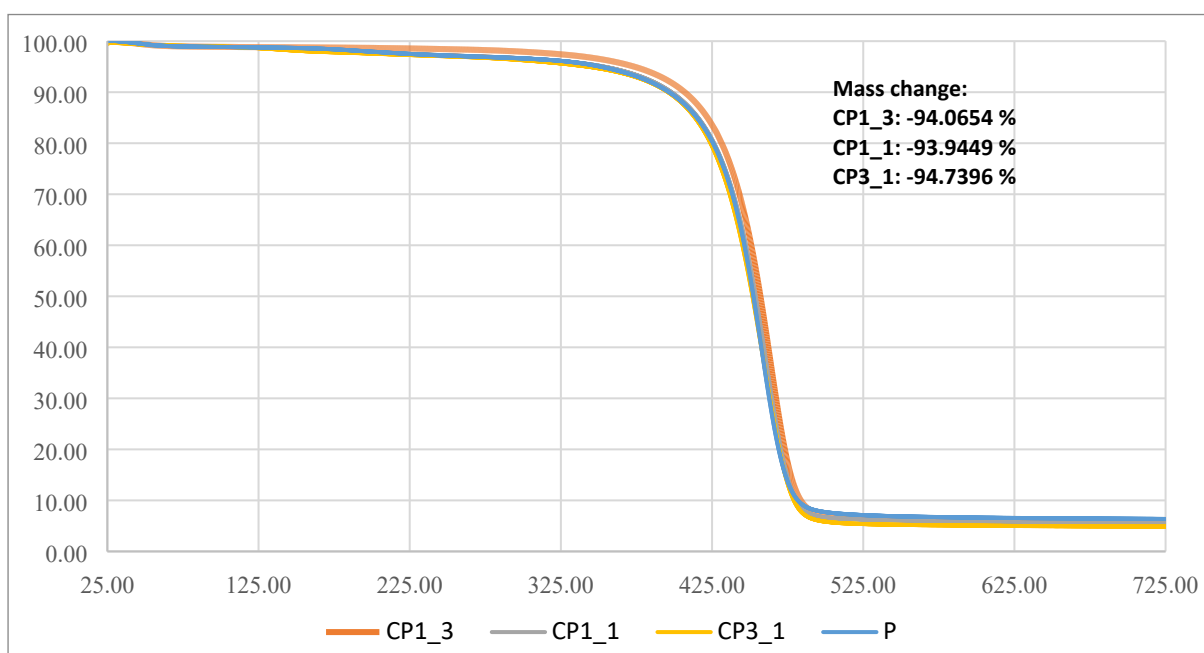


Fig. S10 TGA curves for poly (carvone-co-PETA).

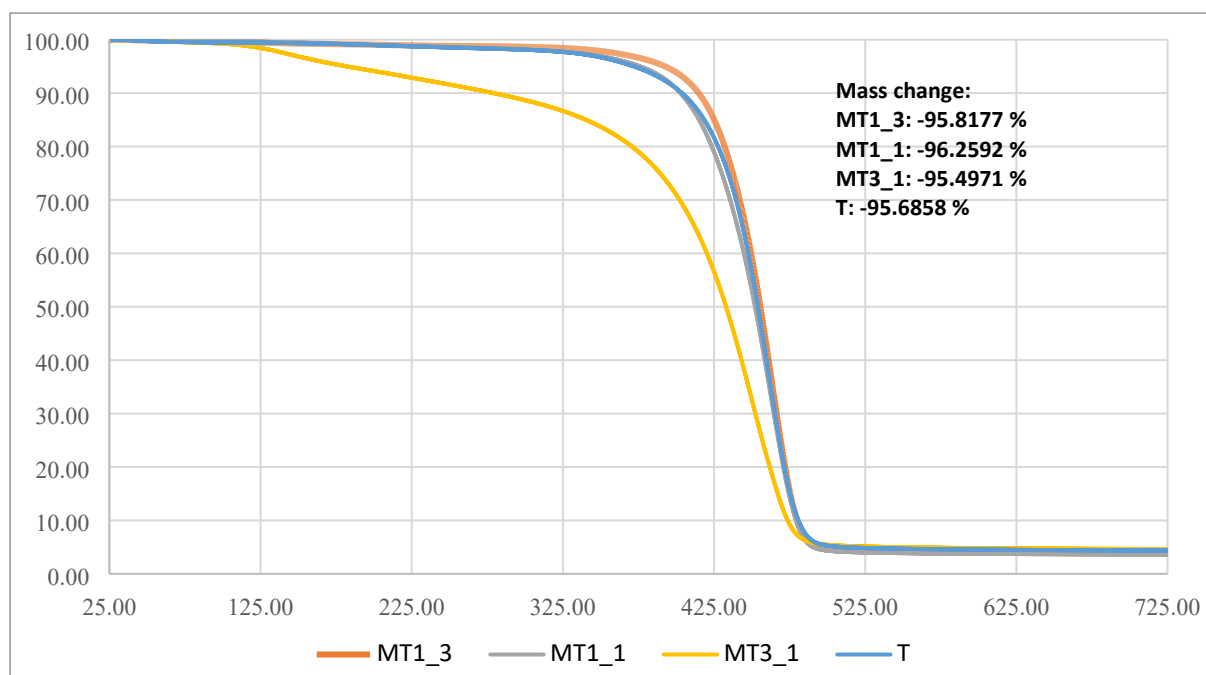


Fig. S11 TGA curves for poly (myrcene-co-TMPTA).

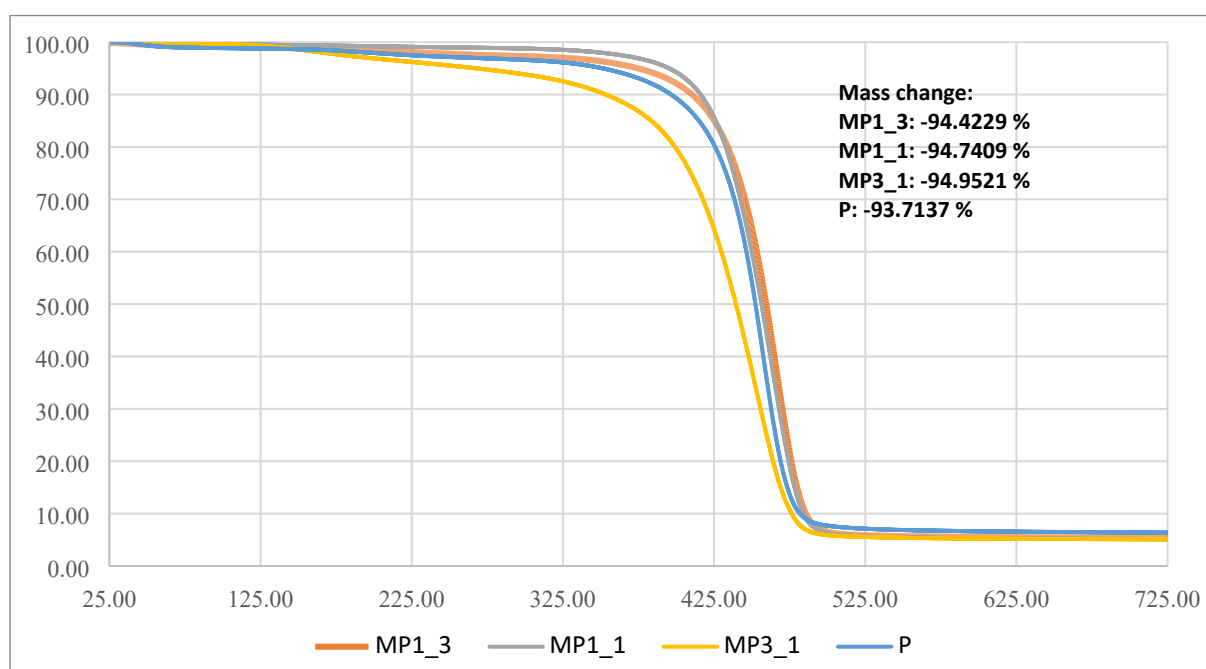


Fig. S12 TGA curves for poly (myrcene-co-PETA).