Supplemental Table 1.1 Relative abundance of volatile compounds at three stages of maturation in raspberries.

RT (min)	Compound	KI	CAS#	Relative Abundance (%) ± SEM		
				Underripe	Ripe	Overripe
1.6	Methyl acetate	506	79-20-9	4.67±1.52	3.06±1.51	2.66±0.56
1.9	Ethyl acetate	577	141-78-6	15.42±5.48^{b}	20.01±1.51^{ab}	31.53±2.55^{a}
3.5	(*E*,*E*)-1,3,5-Heptatriene	781	17679-93-5	0.68±0.3^{b}	6.25±1.18^{a}	1.84±0.38^{ab}
5.1	Isoamyl acetate	879	123-92-2	0±0^{b}	0.4±0.06^{ab}	4.51±0.99^{a}
5.4	2-Heptanone	891	110-43-0	0±0^{c}	0.2±0.12^{bc}	3.15±0.55^{a}
8.3	3-Hexenyl acetate	1008	3681-71-8	0±0^{b}	1.2±0.47^{ab}	2.28±0.28^{a}
8.5	Hexyl acetate	1016	142-92-7	0±0^{c}	0.15±0.09^{bc}	2.46±0.38^{a}
17.4	β-Ionone isomer	1339	20307-84-0	3.11±0.58^{b}	11.3±3.31^{ab}	20.96±1.84^{a}
17.8	α-Cubebene	1355	17699-14-8	9.56±1.03^{a}	3.17±0.29^{ab}	0.63±0.06^{b}
18.4	Ylangene	1377	14912-44-8	10.26±0.87^{a}	3.27±0.35^{ab}	0.73±0.07^{b}
18.5	α-Copaene	1381	3856-25-5	20.07±1.64^{a}	6.27±0.73^{ab}	1.51±0.08^{b}
19.2	β-Maaliene	1407	489-29-2	19.36±1.61^{a}	7.82±1.12^{ab}	2.07±0.08^{b}
19.9	α-Ionone	1433	127-41-3	3.08±0.39^{b}	24.66±1.99^{a}	15.13±1.28^{ab}
21.3	*trans*-β-Ionone	1490	79-77-6	5.91±0.73^{b}	8.74±0.81^{ab}	9.33±0.81^{a}
22.2	δ-Cadinene	1529	483-76-1	7.87±0.8^{a}	3.51±0.6^{ab}	1.22±0.06^{b}

The relative abundances of individual compounds at each ripening stage were analyzed across each row by using Kruskal-Wallis test followed by Dunn's multiple comparisons tests.