Supplementary Table S2 The specific ROAVs of volatile compounds identified by GC-IMS in GFWT during the whole process.

Volatile compounds	ROAVs				
	RM	FH0	FH4	FH8	GZ8
Butanoic acid, 3-methyl-, ethyl ester	46.74	100	99.02	93.03	96.7
3-Methyl butanal M	72.86	58.02	46.75	62.95	56.17
3-Methyl butanal D	69.79	91.51	48.82	31.76	20.09
1-Octen-3-ol M	6.11	7.49	8.92	21.07	4.82
n-Octanal	12.26	8.05	6.05	9.36	11.63
n-Nonanal	5.69	3.29	2.44	5.49	7.77
2-Methylpentanal	2.6	2.47	2.18	4.04	7.11
2,3-Butanedione	1.2	1.39	1.96	3.14	1.91
2(5H)-Furanone, 3-hydroxy-4,5-dimethyl-	1.18	2.97	2.38	2.83	1.7
2-phenylacetaldehyde M	1.41	2.88	2.37	2.55	2.91
1-Octen-3-ol D	0.5	0.64	0.73	2.29	0.87
Heptanal M	3.01	1.36	1.16	1.89	2.07
1-hexanal	3.77	2.1	1.18	1.3	1.01
2-Octanol	0.21	0.29	0.27	1.17	0.29
Heptanal D	2.97	0.83	0.54	0.84	1.01
1-Penten-3-one	3.32	2.62	0.34	0.74	0.39
2-methyl Butanal	1.28	1.4	0.76	0.41	0.19
(E)-2-Heptenal M	0.33	0.39	0.32	0.35	0.33
2-Octanone M	0.06	0.05	0.13	0.08	0.08
2-phenylacetaldehyde D	0.17	0.37	0.3	0.25	0.26
(E)-2-Octenal	0.56	0.22	0.15	0.25	0.24
2-Pentyl furan	0.53	0.32	0.25	0.19	0.13
2-Ethyl-6-methylpyrazine	0.18	0.1	0.07	0.17	0.28
2-Hexenal M	0.24	0.1	0.08	0.17	0.18
1,8 Cineole	0.33	0.11	0.08	0.14	0.14
2-Hexenal D	0.65	0.73	0.4	0.14	0.11
Butanal	0.62	0.48	0.34	0.14	0.08
2-Hexanone	0.04	0.03	0.29	0.1	0.21
Butyl propanoate D	0.1	0.04	0.05	0.08	0.08
(E)-2-Heptenal D	0.11	0.17	0.15	0.07	0.1
n-pentanal	0.41	0.14	0.15	0.07	0.05
(E,E)-2,4-Heptadienal	0.1	0.03	0.02	0.05	0.04
Butyl propanoate M	0.2	0.04	0.04	0.03	0.04
(Z)-3-hexenol D	0.06	0.11	0.07	0.01	0.01