

Fuel	(a) Data number for consolidated PMF				(b) Fire characteristics		(c) Residual (%) <sup>a</sup>	(d) Correlation with average VOC emission profile (Fig. 3)			
	Total	Detail			MCE	Moisture content	Average ± STDV (maximum, minimum)	High-temperature pyrolysis factor		Low-temperature pyrolysis factor	
								Slope	Correlation coefficient ( <i>r</i> <sup>2</sup> )	Slope	Correlation coefficient ( <i>r</i> <sup>2</sup> )
1. Ponderosa pine	10	Realistic	5	(Fire 01, 02, 37, 59, 72)	0.913–0.940	24.3–31.8 %	15.7 ± 7.6 (28.9, 7.7)	0.976 ± 0.004	0.9393	1.012 ± 0.005	0.9245
		Canopy	2	(Fire 19, 39)	0.904–0.935	40.4–51.1 %					
		Litter	1	(Fire 38)	0.945	6.2 %					
		Rotten log	2	(Fire 13, 73)	0.932–0.957	2.9–5.7 %					
2. Lodgepole pine	7	Realistic	4	(Fire 06, 07, 58, 63)	0.927–0.943	20.3–24.4 %	14.8 ± 4.9 (23.3, 10.9)	0.990 ± 0.004	0.9586	0.990 ± 0.002	0.9716
		Canopy	1	(Fire 40)	0.924	49.30 %					
		Litter	2	(Fire 21, 41)	0.925–0.938	7.0–10.5 %					
3. Loblolly pine	2	Litter	2	(Fire 35, 53)	0.922–0.929	5.4–10.9 %	6.3 ± 0.3 (6.6, 6.1)	0.989 ± 0.007	0.8662	0.960 ± 0.004	0.8862
4. Douglas fir	4	Realistic	2	(Fire 14, 57)	0.926–0.951	23.3–25.7 %	21.2 ± 9.3 (34.9, 14.9)	0.996 ± 0.004	0.9508	0.999 ± 0.003	0.9563
		Canopy	1	(Fire 18)	0.928	50.3 %					
		Litter	1	(Fire 43)	0.951	3.0 %					
5. Engelmann spruce	3	Realistic	1	(Fire 08)	0.920	13.0 %	20.5 ± 2.4 (22.2, 18.8) <sup>b</sup>	0.999 ± 0.006 <sup>b</sup>	0.9019 <sup>b</sup>	0.960 ± 0.004 <sup>b</sup>	0.9004 <sup>b</sup>
		Canopy	1	(Fire 25)	0.950	34.0 %					
		Duff	1	(Fire 26)	0.817	0.6 %					
6. Subalpine fir	6	Realistic	2	(Fire 47, 67)	0.932–0.942	32.8–35.6 %	23.0 ± 14.1 (45.2, 9.1) <sup>b</sup>	1.001 ± 0.005 <sup>b</sup>	0.9359 <sup>b</sup>	0.999 ± 0.003 <sup>b</sup>	0.9547 <sup>b</sup>
		Canopy	2	(Fire 15, 23)	0.886–0.947	17.6–55.5 %					
		Litter	1	(Fire 51)	0.906	6.6 %					
		Duff	1	(Fire 56)	0.886	0.9 %					
7. Juniper	2	Canopy	2	(Fire 68, 75)	0.928–0.939	45.0–48.0 %	6.4 ± 3.0 (8.5, 4.3)	1.016 ± 0.006	0.8872	0.971 ± 0.004	0.9010
8. Bear grass	1	–	–	(Fire 62)	0.897	55.1 %	5.6	1.039 ± 0.006	0.8847	1.006 ± 0.004	0.9174
9. Excelsior	2	–	–	(Fire 49, 61)	0.945–0.971	3.9–5.4 %	6.2 ± 3.0 (8.3, 4.0)	1.04 ± 0.01	0.6806	1.012 ± 0.007	0.8521
10. Ceanothus	2	Shrub	2	(Fire 69, 74)	0.942–0.947	17.7–27.9 %	10.2 ± 1.1 (11.0, 9.5)	1.000 ± 0.007	0.8416	1.030 ± 0.006	0.8985
11. Chamise (contaminated)	3	Canopy	3	(Fire 24, 29, 46)	0.948–0.959	10.9–16.1 %	13.1 ± 3.9 (16.0, 8.6)	1.037 ± 0.006	0.8951	1.044 ± 0.004	0.9477
12. Chamise (uncontaminated)	3	Canopy	3	(Fire 27, 32, 48)	0.946–0.954	6.2–17.1 %	12.6 ± 2.0 (14.2, 10.4)	1.017 ± 0.005	0.9322	1.024 ± 0.004	0.9299
13. Manzanita (contaminated)	2	Canopy	2	(Fire 30, 33)	0.962–0.963	23.5–26.7 %	13.0 ± 1.1 (13.8, 12.3)	0.997 ± 0.004	0.9347	1.034 ± 0.004	0.9504
14. Manzanita (uncontaminated)	2	Canopy	2	(Fire 28, 34)	0.963–0.964	25.7–26.3 %	7.3 ± 1.1 (8.0, 6.5)	1.015 ± 0.005	0.9229	1.043 ± 0.005	0.9224
15. Sagebrush	2	Shrub	2	(Fire 66, 71)	0.919–0.922	37.8–54.2 %	7.0 ± 2.1 (8.5, 5.6)	0.993 ± 0.005	0.9046	1.011 ± 0.004	0.9306