

VOC formula	<i>m/z</i>	Group	SOA yield*	SOA emission index (g kg <sup>-1</sup> fuel)			
				Thrust 3–5 %		Thrust 6–7 %	
				Average	±	Average	±
(C <sub>9</sub> H <sub>12</sub> )H <sup>+</sup>	121.101	Aromatic	0.32	0.19	0.11	0.07	0.04
(C <sub>6</sub> H <sub>6</sub> )H <sup>+</sup>	79.054	Aromatic	0.33	0.16	0.06	0.07	0.03
(C <sub>10</sub> H <sub>14</sub> )H <sup>+</sup>	135.117	Aromatic	0.2	0.11	0.07	0.03	0.02
(C <sub>9</sub> H <sub>10</sub> )H <sup>+</sup>	119.086	Aromatic	0.32	0.10	0.06	0.03	0.02
(C <sub>8</sub> H <sub>10</sub> )H <sup>+</sup>	107.086	Aromatic	0.2	0.10	0.05	0.04	0.02
(C <sub>10</sub> H <sub>12</sub> )H <sup>+</sup>	133.101	Aromatic	0.32	0.10	0.06	0.03	0.02
(C <sub>7</sub> H <sub>8</sub> )H <sup>+</sup>	93.070	Aromatic	0.24	0.08	0.04	0.03	0.02
(C <sub>11</sub> H <sub>10</sub> )H <sup>+</sup>	143.086	Aromatic	0.52	0.08	0.05	0.03	0.02
(C <sub>8</sub> H <sub>8</sub> )H <sup>+</sup>	105.070	Aromatic	0.32	0.07	0.04	0.03	0.02
(C <sub>10</sub> H <sub>8</sub> )H <sup>+</sup>	129.070	Aromatic	0.52	0.07	0.03	0.03	0.02
(C <sub>11</sub> H <sub>16</sub> )H <sup>+</sup>	149.132	Aromatic	0.2	0.05	0.03	0.02	0.01
(C <sub>11</sub> H <sub>14</sub> )H <sup>+</sup>	147.117	Aromatic	0.2	0.04	0.02	0.01	0.01
(C <sub>12</sub> H <sub>18</sub> )H <sup>+</sup>	163.148	Aromatic	0.2	0.03	0.02	0.01	0.01
(C <sub>9</sub> H <sub>14</sub> )H <sup>+</sup>	123.117	Aromatic	0.2	0.03	0.02	0.01	0.01
(C <sub>12</sub> H <sub>16</sub> )H <sup>+</sup>	161.132	Aromatic	0.2	0.02	0.01	0.01	0.01
(C <sub>9</sub> H <sub>8</sub> )H <sup>+</sup>	117.070	Aromatic	0.2	0.02	0.01	0.00	0.00
Other	–	Aromatic	0.2	0.06	0.05	0.00	0.00
(C <sub>6</sub> H <sub>6</sub> O)H <sup>+</sup>	95.049	Oxy-arom	0.44	0.13	0.07	0.05	0.03
(C <sub>6</sub> H <sub>8</sub> O)H <sup>+</sup>	97.065	Oxy-arom	0.32	0.07	0.03	0.02	0.01
(C <sub>7</sub> H <sub>6</sub> O)H <sup>+</sup>	107.049	Oxy-arom	0.32	0.05	0.02	0.02	0.01
(C <sub>6</sub> H <sub>6</sub> O <sub>2</sub> )H <sup>+</sup>	111.044	Oxy-arom	0.39	0.03	0.01	0.01	0.00
(C <sub>10</sub> H <sub>12</sub> O <sub>2</sub> )H <sup>+</sup>	165.091	Oxy-arom	0.2	0.00	0.00	0.00	0.00
(C <sub>10</sub> H <sub>14</sub> O <sub>2</sub> )H <sup>+</sup>	167.107	Oxy-arom	0.2	0.00	0.00	0.00	0.00
Other NMOGs	> 79.054	Other NMOG	0.15	1.15	0.74	0.20	0.02