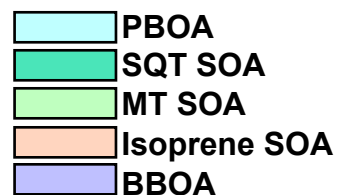


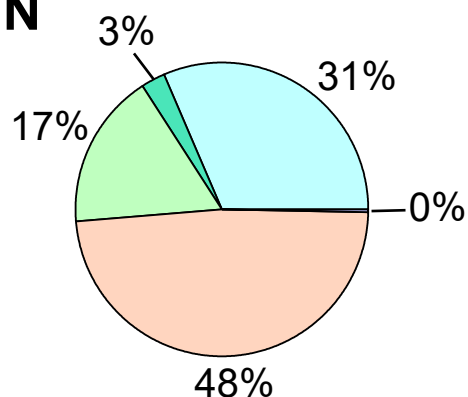
(a)

		m/z	Molecular Formula	% Ion Abundance		
				JUN	SEP	DEC
PBOA		151.0612	C ₅ H ₁₂ O ₅	7.520	0.048	N.D.
		179.0561	C ₆ H ₁₂ O ₆	1.696	N.D.	N.D.
		181.0718	C ₆ H ₁₄ O ₆	4.445	N.D.	N.D.
SQT SOA		237.1496	C ₁₄ H ₂₂ O ₃	N.D.	0.003	N.D.
		255.1238	C ₁₃ H ₂₀ O ₅	0.497	0.654	0.359
		265.1440	C ₁₅ H ₂₂ O ₄	0.033	0.011	0.043
		267.1232	C ₁₄ H ₂₀ O ₅	0.109	0.156	0.125
		267.1596	C ₁₅ H ₂₄ O ₄	0.035	N.D.	0.062
		269.1389	C ₁₄ H ₂₂ O ₅	0.256	0.361	0.274
		271.1545	C ₁₄ H ₂₄ O ₅	0.076	0.107	0.149
		285.1344	C ₁₄ H ₂₂ O ₆	N.D.	0.232	0.150
		285.1702	C ₁₅ H ₂₆ O ₅	0.053	0.069	0.117
		301.1293	C ₁₄ H ₂₂ O ₇	0.101	N.D.	N.D.
MT SOA		147.0299	C ₅ H ₈ O ₅	0.450	0.749	0.234
		173.0455	C ₇ H ₁₀ O ₅	1.315	N.D.	0.376
		173.0819	C ₈ H ₁₄ O ₄	N.D.	0.291	N.D.
		175.0612	C ₇ H ₁₂ O ₅	0.281	0.241	0.169
		187.0612	C ₈ H ₁₂ O ₅	3.481	1.906	0.880
		203.0561	C ₈ H ₁₂ O ₆	0.836	1.886	0.258
		215.0561	C ₉ H ₁₂ O ₆	0.789	1.667	0.188
		231.0510	C ₉ H ₁₂ O ₇	0.203	0.474	0.106
		233.0667	C ₉ H ₁₄ O ₇	0.047	0.205	0.034
	247.0823	C ₁₀ H ₁₆ O ₇	0.055	0.146	0.050	
CHO/CHON		119.0350	C ₄ H ₈ O ₄	0.511	0.292	N.D.
		133.0142	C ₄ H ₆ O ₅	N.D.	0.933	0.646
		135.0663	C ₅ H ₁₂ O ₄	0.096	0.018	0.011
		144.0302	C ₅ H ₇ O ₄ N	0.038	0.043	0.033
		149.0456	C ₅ H ₁₀ O ₅	0.465	N.D.	N.D.
		163.0248	C ₅ H ₈ O ₆	0.073	1.243	0.093
		221.0667	C ₈ H ₁₄ O ₇	0.099	0.086	N.D.
		235.1187	C ₁₀ H ₂₀ O ₆	0.043	N.D.	0.004
		253.1293	C ₁₀ H ₂₂ O ₇	0.103	0.012	N.D.
Isoprene SOA	CHOS	138.9707	C ₂ H ₄ O ₅ S	0.007	0.475	0.083
		152.9863	C ₃ H ₆ O ₅ S	1.393	1.560	0.714
		154.9656	C ₂ H ₄ O ₆ S	0.324	3.707	0.535
		168.9812	C ₃ H ₆ O ₆ S	0.099	0.635	N.D.
		182.9969	C ₄ H ₈ O ₆ S	0.417	0.852	0.987
		184.9761	C ₃ H ₆ O ₇ S	N.D.	0.164	0.034
		197.0125	C ₅ H ₁₀ O ₆ S	0.358	0.483	0.265
	CHOS	198.9918	C ₄ H ₈ O ₇ S	0.194	N.D.	0.151
		210.9918	C ₅ H ₈ O ₇ S	1.544	1.696	0.400
		213.0074	C ₅ H ₁₀ O ₇ S	0.785	0.967	0.332
		215.0231	C ₅ H ₁₂ O ₇ S	14.040	14.784	0.986
		229.0024	C ₅ H ₁₀ O ₈ S	0.198	0.350	0.042
		231.0180	C ₅ H ₁₂ O ₈ S	0.184	0.155	0.012
		315.0755	C ₁₀ H ₂₀ O ₉ S	0.047	0.010	0.012
BBOA		168.0302	C ₇ H ₇ O ₄ N	N.D.	0.139	2.034
		207.0510	C ₇ H ₁₂ O ₇	0.126	0.246	1.693
		209.0457	C ₁₀ H ₁₀ O ₅	N.D.	0.207	0.618

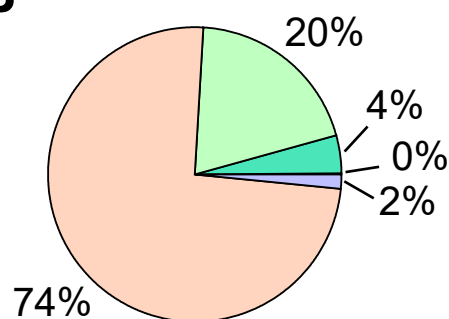
(b)



JUN



SEP



DEC

