LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030412.D
Acq On : 25 Mar 2019 19:06
Operator : JC/SP
Sample : K2016-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0981

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.183	24	29	37	rBV2	16843	16771	0.87%	0.107%
2	1.399	89	96	106	rBV	308013	311892	16.19%	1.999%
3	1.679	176	183	200	rVB	231909	314087	16.30%	2.013%
4	2.270	355	367	378	rBV	449591	690821	35.85%	4.428%
5	2.444	412	421	434	rBV2	34238	60769	3.15%	0.389%
6	2.836	533	543	558	rVB2	34008	72152	3.74%	0.462%
7	3.103	617	626	628	rBV2	2608	3673	0.19%	0.024%
8	3.482	740	744	748	rBV	1332	1519	0.08%	0.010%
9	3.566	768	770	775	rVB	2195	1311	0.07%	0.008%
10	3.601	775	781	783	rBV	1320	1453	0.08%	0.009%
11	3.817	843	848	851	rBV	1484	1363	0.07%	0.009%
12	3.920	878	880	886	rVB	1595	1680	0.09%	0.011%
13	3.955	886	891	895	rBV	1264	1512	0.08%	0.010%
14	4.039	914	917	922	rVB	1699	1320	0.07%	0.008%
15	4.064	922	925	927	rBV	1972	1273	0.07%	0.008%
16	4.174	947	959	988	rBV2	202445	571510	29.66%	3.663%
17	4.556	1074	1078	1084	rBV	2260	2879	0.15%	0.018%
18	4.643	1091	1105	1129	rBV	300888	704703	36.57%	4.517%
19	5.074	1235	1239	1245	rBV	1800	2132	0.11%	0.014%
20	5.338	1299	1321	1362	rBV2	642785	1926994	100.00%	12.351%
21	5.788	1456	1461	1467	rBV	2196	3066	0.16%	0.020%
22	5.884	1477	1491	1519	rBV	554340	1149557	59.66%	7.368%
23	6.260	1605	1608	1613	rBV	1321	1154	0.06%	0.007%
24	6.328	1613	1629	1650	rBV	429597	871124	45.21%	5.583%
25	6.559	1697	1701	1703	rBV2	1655	1426	0.07%	0.009%
26	6.759	1759	1763	1766	rBV2	1253	1181	0.06%	0.008%
27	6.920	1810	1813	1816	rBV	1450	1201	0.06%	0.008%
28	7.000	1833	1838	1843	rVB	1129	1183	0.06%	0.008%
29	7.042	1847	1851	1857	rVB	1561	1471	0.08%	0.009%
30	7.106	1868	1871	1877	rBV2	1171	1280	0.07%	0.008%
31	7.225	1896	1908	1935	rBV	233033	433241	22.48%	2.777%
32	7.450	1976	1978	1982	rBV	1326	1249	0.06%	0.008%
33	7.489	1988	1990	1997	rVB	1347	1261	0.07%	0.008%
34	7.563	1998	2013	2025	rBV	814622	1436865	74.57%	9.209%

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Sample : K2016-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0981

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

35	7.633	2026	2035	2061	rVB	470919	850400	44.13%	5.451%
36	7.846	2091	2101	2128	rBV	159097	284661	14.77%	1.825%
37	8.019	2148	2155	2160	rBV	1943	2988	0.16%	0.019%
38	8.128	2183	2189	2196	rVB	1511	1886	0.10%	0.012%
39	8.222	2212	2218	2222	rBV4	2073	2347	0.12%	0.015%
40	8.309	2234	2245	2275	rBV	573782	1070679	55.56%	6.862%
41	8.466	2288	2294	2308	rVB2	20877	34553	1.79%	0.221%
42	8.839	2407	2410	2412	rBV	1517	1042	0.05%	0.007%
43	8.945	2438	2443	2445	rBV	1533	1085	0.06%	0.007%
44	8.990	2453	2457	2462	rBV3	1106	1138	0.06%	0.007%
45	9.087	2474	2487	2490	rBV	866479	1248224	64.78%	8.000%
46	9.257	2536	2540	2544	rVB	2146	1671	0.09%	0.011%
47	9.334	2559	2564	2568	rBV	1737	2244	0.12%	0.014%
48	9.386	2576	2580	2586	rVB2	2197	2402	0.12%	0.015%
49	9.636	2655	2658	2661	rBV	1780	1565	0.08%	0.010%
50	9.688	2672	2674	2680	rVB2	1480	1245	0.06%	0.008%
51	9.720	2680	2684	2687	rBV	1769	1530	0.08%	0.010%
52	9.781	2698	2703	2707	rBV	1923	1731	0.09%	0.011%
53	9.852	2720	2725	2728	rBV	1311	1205	0.06%	0.008%
54	10.189	2825	2830	2834	rVB	1473	1537	0.08%	0.010%
55	10.247	2842	2848	2851	rVB	1290	1351	0.07%	0.009%
56	10.427	2889	2904	2922	rBV	541450	887664	46.06%	5.689%
57	10.569	2946	2948	2951	rBV	1557	1030	0.05%	0.007%
58	10.588	2951	2954	2957	rVV2	1581	1123	0.06%	0.007%
59	10.910	3048	3054	3059	rBV2	1666	2115	0.11%	0.014%
60	10.939	3059	3063	3070	rVV	1731	2007	0.10%	0.013%
61	10.974	3070	3074	3077	rVV	1491	1177	0.06%	0.008%
62	11.042	3089	3095	3097	rBV2	1104	1173	0.06%	0.008%
63	11.074	3102	3105	3110	rBV2	1471	1613	0.08%	0.010%
64	11.141	3122	3126	3131	rBV3	1821	2538	0.13%	0.016%
65	11.196	3138	3143	3145	rBV	1752	1740	0.09%	0.011%
66	11.241	3155	3157	3163	rVV	1249	1298	0.07%	0.008%
67	11.312	3174	3179	3181	rBV2	1393	1271	0.07%	0.008%
68	11.418	3200	3212	3220	rBV3	27628	45051	2.34%	0.289%
69	11.482	3220	3232	3259	rVB	691650	1260459	65.41%	8.079%
70	11.598	3265	3268	3273	rBV2	2429	2681	0.14%	0.017%
71	11.672	3288	3291	3295	rVB	2114	1861	0.10%	0.012%

LSC Area Percent Report

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Sample : K2016-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0981

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

72	11.694	3295	3298	3301	rBV	1947	1477	0.08%	0.009%
73	11.816	3329	3336	3337	rBV	2392	2297	0.12%	0.015%
74	11.858	3337	3349	3372	rVV	672258	1231197	63.89%	7.891%
75	12.025	3398	3401	3405	rBV3	1244	1098	0.06%	0.007%
76	12.241	3462	3468	3470	rBV	1674	1583	0.08%	0.010%
77	12.357	3500	3504	3505	rBV	1820	1234	0.06%	0.008%
78	12.398	3514	3517	3522	rVB	1621	1206	0.06%	0.008%
79	12.440	3524	3530	3533	rBV	1487	1578	0.08%	0.010%
80	12.482	3539	3543	3547	rVB	1414	1284	0.07%	0.008%
81	12.524	3550	3556	3561	rVB	1703	2105	0.11%	0.013%
82	12.556	3561	3566	3568	rBV	1520	1154	0.06%	0.007%
83	12.575	3568	3572	3574	rVB	2019	1463	0.08%	0.009%
84	12.604	3578	3581	3585	rBV	1572	1450	0.08%	0.009%
85	12.685	3601	3606	3609	rBV2	1659	1415	0.07%	0.009%
86	12.890	3667	3670	3673	rBV	1692	1127	0.06%	0.007%
87	13.067	3718	3725	3730	rBV2	1500	2122	0.11%	0.014%
88	13.218	3767	3772	3776	rBV2	1967	1931	0.10%	0.012%
89	13.466	3846	3849	3854	rVB	1615	1335	0.07%	0.009%
90	13.630	3897	3900	3906	rBV2	1163	1044	0.05%	0.007%
91	13.733	3929	3932	3937	rBV3	1464	1418	0.07%	0.009%
92	13.916	3985	3989	3993	rBV2	1449	1484	0.08%	0.010%
93	14.077	4035	4039	4040	rBV	1704	1161	0.06%	0.007%
94	14.337	4112	4120	4123	rBV3	2193	3039	0.16%	0.019%
95	14.569	4189	4192	4198	rBV2	1854	1945	0.10%	0.012%
96	14.935	4302	4306	4311	rBV	2293	2132	0.11%	0.014%
97	14.964	4311	4315	4318	rBV3	1378	1185	0.06%	0.008%
98	15.434	4459	4461	4468	rVB	2256	2260	0.12%	0.014%
99	15.768	4562	4565	4571	rVB2	2115	2013	0.10%	0.013%
100	15.868	4593	4596	4598	rBV	2500	1905	0.10%	0.012%

Sum of corrected areas: 15602000

LSC Report - Integrated Chromatogram

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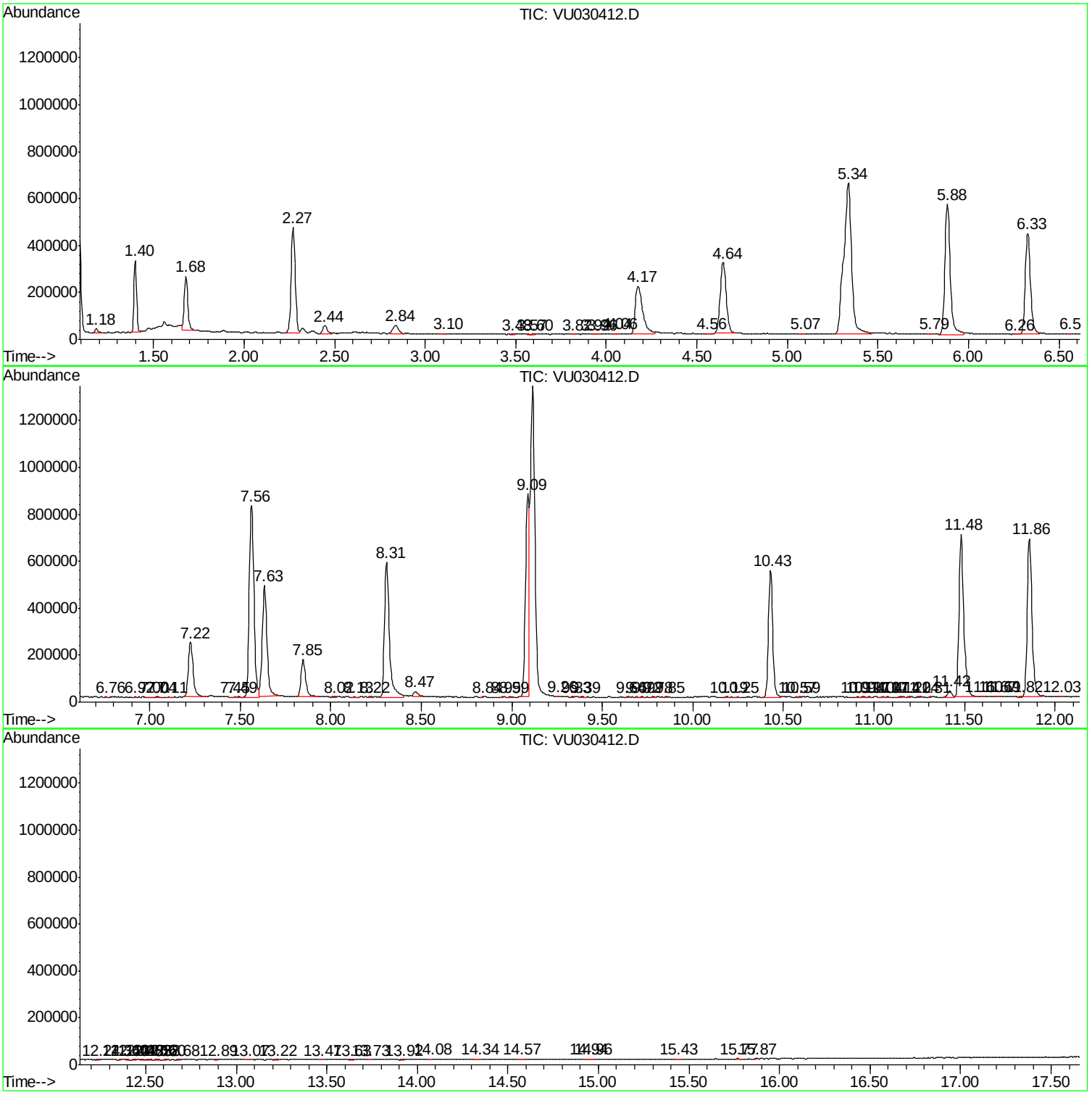
Sample : K2016-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0981

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030412.D
Acq On : 25 Mar 2019 19:06
Operator : JC/SP
Sample : K2016-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0981

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

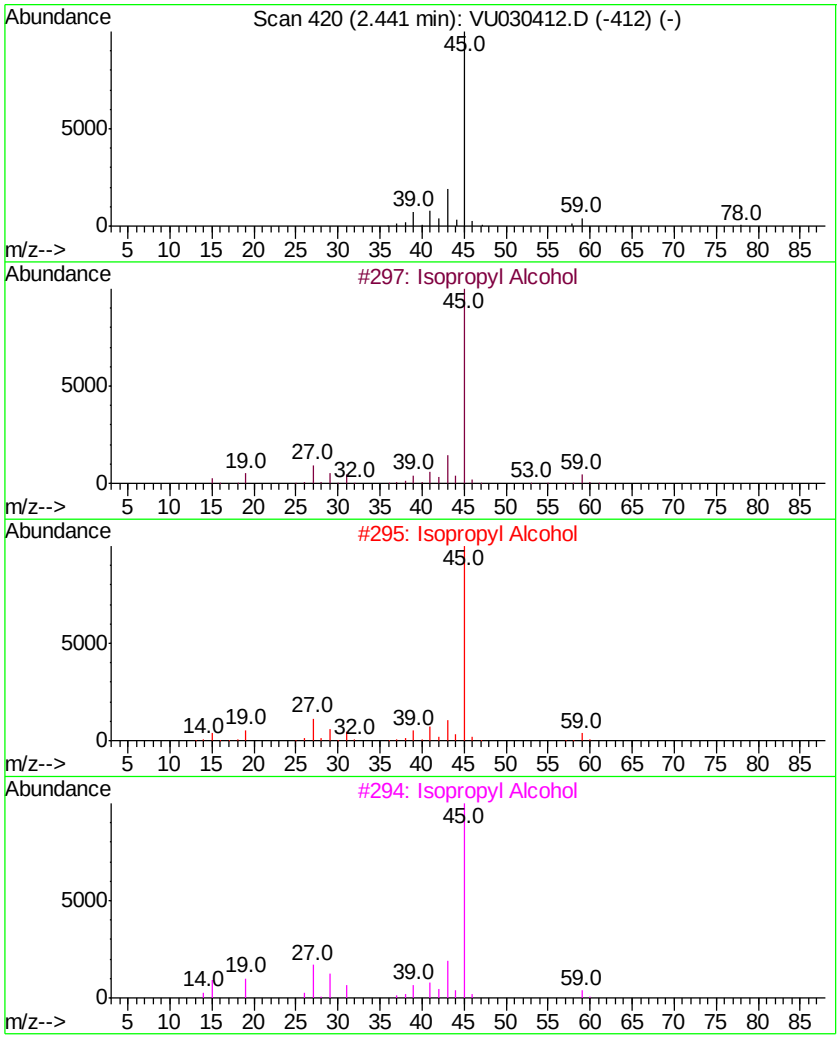
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

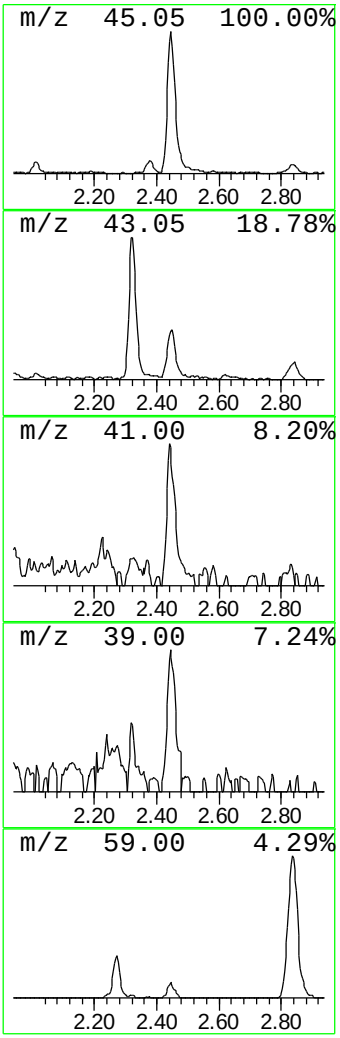
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.64 ug/L	60769	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.44	2.6	ug/L	60769	1	5.88	1149560	50.0