LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
Data File : VU026044.D
Acq On : 10 Aug 2018 15:31
Operator : MD/SY
Sample : J4401-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZG1

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\SOMULM080918WMA.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	0.735	39	45	48	rVB2	362	375	0.01%	0.002%
2	1.014	124	132	134	rBV	399	545	0.02%	0.003%
3	1.088	138	155	179	rBV	148564	185996	5.74%	1.008%
4	1.291	215	218	225	rVB2	4045	3863	0.12%	0.021%
5	1.400	244	252	262	rBV	110958	115858	3.58%	0.628%
6	1.474	270	275	287	rVB2	8808	10111	0.31%	0.055%
7	1.677	330	338	354	rVB	94383	124340	3.84%	0.674%
8	2.011	436	442	450	rVB	9220	10901	0.34%	0.059%
9	2.272	511	523	531	rBV	201364	309542	9.55%	1.677%
10	2.320	531	538	562	rVB	104702	171286	5.29%	0.928%
11	2.442	567	576	592	rVB	32906	57005	1.76%	0.309%
12	2.825	687	695	710	rVB6	1837	3683	0.11%	0.020%
13	3.185	799	807	810	rBV3	1243	1721	0.05%	0.009%
14	3.294	837	841	844	rVB2	413	361	0.01%	0.002%
15	3.532	912	915	919	rBV2	518	431	0.01%	0.002%
16	3.802	993	999	1002	rBV3	420	454	0.01%	0.002%
17	3.870	1016	1020	1026	rVB3	429	438	0.01%	0.002%
18	3.985	1050	1056	1057	rBV4	1308	1039	0.03%	0.006%
19	4.101	1088	1092	1098	rBV2	401	477	0.01%	0.003%
20	4.178	1098	1116	1133	rBV	108555	279499	8.63%	1.514%
21	4.265	1136	1143	1172	rVB	33607	82280	2.54%	0.446%
22	4.461	1202	1204	1211	rVB4	469	445	0.01%	0.002%
23	4.577	1233	1240	1242	rBV2	831	793	0.02%	0.004%
24	4.651	1245	1263	1287	rVV	221857	526014	16.23%	2.850%
25	4.944	1350	1354	1359	rBV2	518	541	0.02%	0.003%
26	5.342	1453	1478	1496	rBV2	385515	1156003	35.68%	6.262%
27	5.792	1611	1618	1625	rVV4	1248	2055	0.06%	0.011%
28	5.889	1633	1648	1671	rBV	334418	657146	20.28%	3.560%
29	6.169	1732	1735	1737	rBV	535	423	0.01%	0.002%
30	6.185	1737	1740	1742	rBV3	608	421	0.01%	0.002%
31	6.333	1771	1786	1806	rBV	268597	539379	16.65%	2.922%
32	6.538	1842	1850	1859	rVB6	2131	3754	0.12%	0.020%
33	6.577	1859	1862	1865	rBV2	502	449	0.01%	0.002%
34	6.712	1897	1904	1907	rBV3	537	839	0.03%	0.005%

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Sample : J4401-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZG1

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\SOMULM080918WMA.M
Title : VOC Analysis

35	6.728	1907	1909	1915	rVB4	503	393	0.01%	0.002%
36	6.828	1931	1940	1946	rBV5	2217	3792	0.12%	0.021%
37	6.931	1965	1972	1978	rVB3	370	632	0.02%	0.003%
38	6.969	1981	1984	1989	rBV	466	445	0.01%	0.002%
39	7.143	2034	2038	2041	rBV2	479	366	0.01%	0.002%
40	7.230	2051	2065	2084	rBV	153799	271556	8.38%	1.471%
41	7.368	2104	2108	2113	rBV4	864	816	0.03%	0.004%
42	7.468	2129	2139	2149	rBV4	3902	6746	0.21%	0.037%
43	7.567	2155	2170	2183	rBV	513473	880485	27.17%	4.770%
44	7.641	2183	2193	2208	rVB	114484	203391	6.28%	1.102%
45	7.850	2247	2258	2275	rBV	108127	187530	5.79%	1.016%
46	8.181	2350	2361	2375	rBV2	31860	75578	2.33%	0.409%
47	8.313	2392	2402	2428	rVB	360682	614566	18.97%	3.329%
48	8.468	2442	2450	2463	rVB5	10901	19054	0.59%	0.103%
49	8.789	2546	2550	2554	rVB2	446	441	0.01%	0.002%
50	8.815	2554	2558	2560	rBV2	422	354	0.01%	0.002%
51	8.976	2606	2608	2615	rVB2	533	494	0.02%	0.003%
52	9.120	2630	2653	2675	rBV2	1350103	2972358	91.74%	16.102%
53	9.255	2690	2695	2699	rBV6	1167	1303	0.04%	0.007%
54	9.387	2731	2736	2740	rVB3	678	678	0.02%	0.004%
55	9.448	2751	2755	2758	rBV2	443	346	0.01%	0.002%
56	9.554	2782	2788	2790	rBV3	391	436	0.01%	0.002%
57	9.821	2867	2871	2883	rVB2	835	1208	0.04%	0.007%
58	9.924	2894	2903	2919	rVB	7230	11689	0.36%	0.063%
59	10.033	2929	2937	2946	rVV4	3972	6076	0.19%	0.033%
60	10.233	2989	2999	3012	rBV5	3294	6098	0.19%	0.033%
61	10.320	3024	3026	3031	rVB2	406	360	0.01%	0.002%
62	10.377	3041	3044	3048	rVB2	474	360	0.01%	0.002%
63	10.435	3048	3062	3084	rBV	409745	651092	20.09%	3.527%
64	10.541	3091	3095	3098	rBV2	406	345	0.01%	0.002%
65	10.612	3103	3117	3130	rVB3	9981	19107	0.59%	0.104%
66	10.799	3171	3175	3180	rBV2	704	627	0.02%	0.003%
67	10.930	3210	3216	3221	rBV3	321	449	0.01%	0.002%
68	11.011	3237	3241	3246	rVB3	430	399	0.01%	0.002%
69	11.056	3246	3255	3258	rBV7	3282	4083	0.13%	0.022%
70	11.139	3273	3281	3297	rVB4	6174	11331	0.35%	0.061%
71	11.201	3297	3300	3303	rBV3	419	397	0.01%	0.002%

LSC Area Percent Report

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Sample : J4401-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZG1

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\SOMULM080918WMA.M
Title : VOC Analysis

72	11.262	3311	3319	3329	rBV4	3612	5929	0.18%	0.032%
73	11.329	3336	3340	3344	rBV5	851	951	0.03%	0.005%
74	11.374	3346	3354	3357	rBV5	2389	3025	0.09%	0.016%
75	11.419	3357	3368	3378	rVV	189558	290618	8.97%	1.574%
76	11.509	3378	3396	3415	rVB2	1283821	2684173	82.84%	14.541%
77	11.754	3463	3472	3492	rBV3	18773	41635	1.28%	0.226%
78	11.879	3494	3511	3527	rVV2	1613809	3240093	100.00%	17.553%
79	12.172	3599	3602	3609	rVB4	644	614	0.02%	0.003%
80	12.207	3611	3613	3619	rVB3	566	378	0.01%	0.002%
81	12.258	3626	3629	3633	rBV3	593	537	0.02%	0.003%
82	12.467	3687	3694	3696	rBV4	2041	2542	0.08%	0.014%
83	12.570	3720	3726	3740	rVV8	4146	7660	0.24%	0.041%
84	12.638	3740	3747	3757	rVB4	4982	7416	0.23%	0.040%
85	12.821	3796	3804	3806	rBV5	1444	1736	0.05%	0.009%
86	12.985	3851	3855	3864	rVB5	3801	5036	0.16%	0.027%
87	13.043	3870	3873	3877	rBV3	730	598	0.02%	0.003%
88	13.094	3887	3889	3892	rVB2	934	508	0.02%	0.003%
89	13.117	3893	3896	3901	rBV4	631	667	0.02%	0.004%
90	13.236	3930	3933	3941	rVB5	893	948	0.03%	0.005%
91	13.329	3958	3962	3964	rBV3	989	866	0.03%	0.005%
92	13.377	3972	3977	3978	rBV	783	595	0.02%	0.003%
93	13.506	4004	4017	4036	rBV	985380	1548057	47.78%	8.386%
94	13.773	4097	4100	4106	rVB5	1228	971	0.03%	0.005%
95	13.988	4156	4167	4189	rBV	247472	402256	12.41%	2.179%
96	14.120	4206	4208	4212	rBV3	741	578	0.02%	0.003%
97	14.956	4464	4468	4471	rBV3	772	661	0.02%	0.004%
98	15.400	4603	4606	4609	rBV	678	551	0.02%	0.003%
99	15.554	4650	4654	4658	rBV3	753	760	0.02%	0.004%
100	15.660	4677	4687	4692	rBV6	3382	5211	0.16%	0.028%

Sum of corrected areas: 18459418

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
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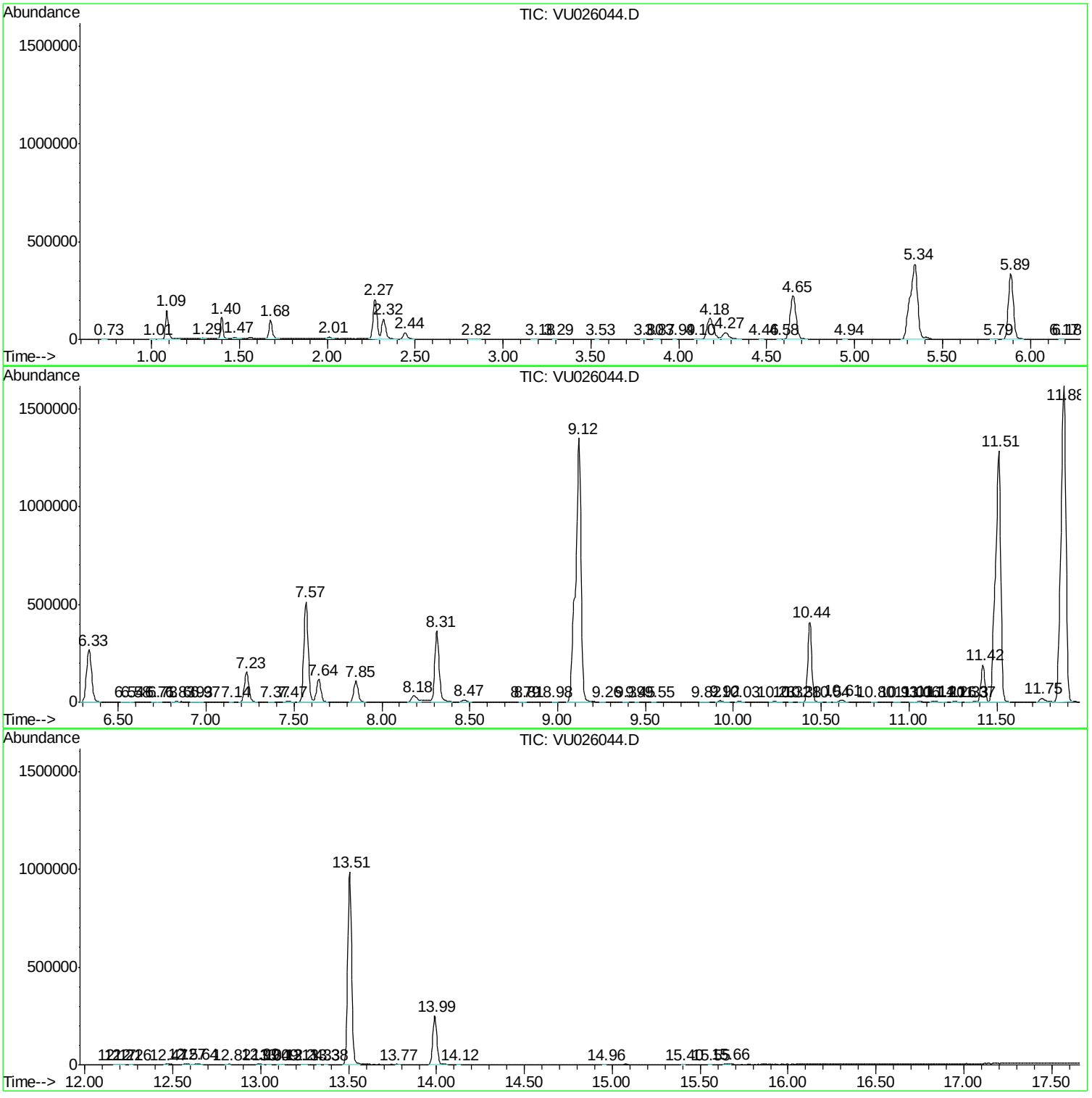
Sample : J4401-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZG1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.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\VU081018\
Data File : VU026044.D
Acq On : 10 Aug 2018 15:31
Operator : MD/SY
Sample : J4401-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZG1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis

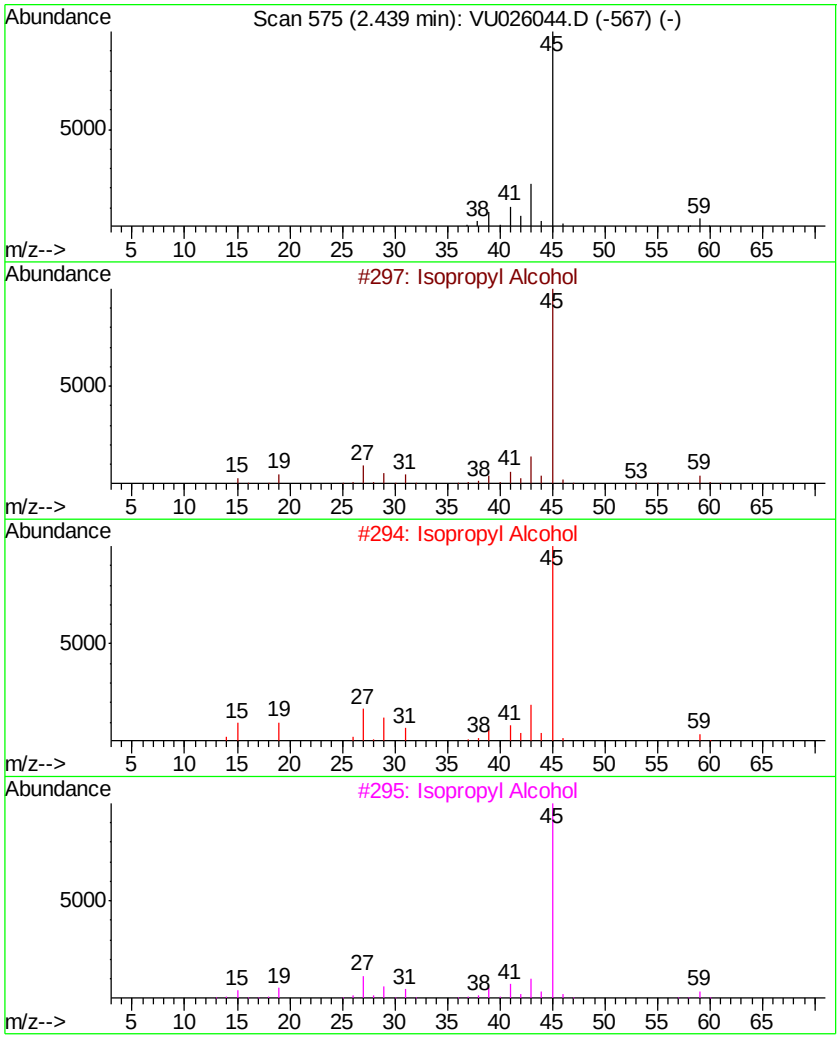
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

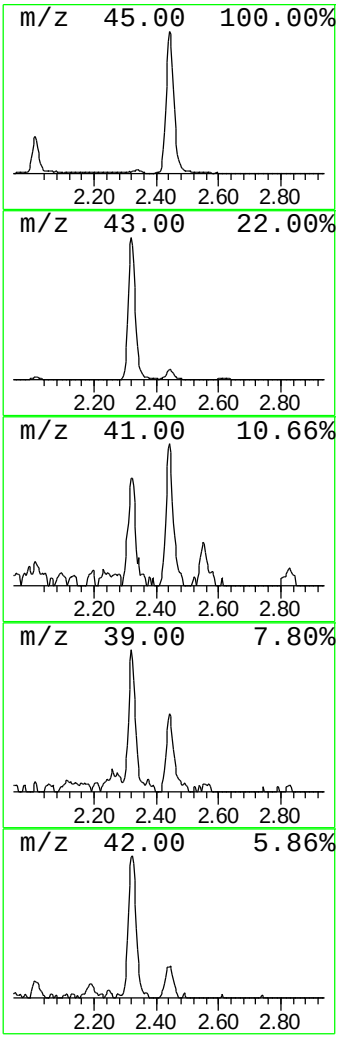
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.34 ug/L	57005	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081018\
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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	4.3	ug/L	57005	1	5.89	657146	50.0