LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034705.D
Acq On : 20 Sep 2019 22:00
Operator : JC/SP
Sample : K4948-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCX8

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\SOMULM091919WMA.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	1.177	20	27	39	rBV	214105	208911	9.71%	1.240%
2	1.299	61	65	72	rVB2	14468	13784	0.64%	0.082%
3	1.392	86	94	105	rBV	355084	424116	19.71%	2.516%
4	1.672	174	181	199	rVB	246141	316342	14.70%	1.877%
5	2.257	354	363	374	rVB	440252	667307	31.01%	3.959%
6	2.431	409	417	430	rBV	13659	25284	1.18%	0.150%
7	2.595	465	468	469	rBV3	1768	992	0.05%	0.006%
8	2.810	532	535	539	rBV4	2056	1449	0.07%	0.009%
9	2.978	584	587	593	rVB6	2203	1791	0.08%	0.011%
10	3.042	603	607	609	rBV3	1803	1113	0.05%	0.007%
11	3.183	646	651	661	rVB8	3830	6104	0.28%	0.036%
12	3.341	696	700	703	rVB6	1708	1177	0.05%	0.007%
13	3.492	745	747	753	rVB6	1823	1299	0.06%	0.008%
14	3.743	822	825	830	rVB6	2416	1913	0.09%	0.011%
15	3.772	830	834	837	rVB5	1277	1020	0.05%	0.006%
16	3.788	837	839	845	rBV5	1631	1492	0.07%	0.009%
17	3.987	897	901	903	rBV4	1559	1334	0.06%	0.008%
18	4.051	918	921	924	rVB4	1917	1328	0.06%	0.008%
19	4.074	924	928	930	rBV5	1566	1153	0.05%	0.007%
20	4.151	935	952	979	rBV	209668	583762	27.13%	3.464%
21	4.412	1030	1033	1037	rVB4	1755	1193	0.06%	0.007%
22	4.489	1054	1057	1060	rVV4	1970	1425	0.07%	0.008%
23	4.508	1060	1063	1070	rVB7	1963	2286	0.11%	0.014%
24	4.621	1081	1098	1120	rBV	344707	829665	38.56%	4.923%
25	5.135	1256	1258	1261	rVB4	1739	1057	0.05%	0.006%
26	5.183	1271	1273	1276	rBV2	1823	999	0.05%	0.006%
27	5.222	1281	1285	1290	rVB6	1823	1637	0.08%	0.010%
28	5.315	1290	1314	1340	rBV2	716899	2151749	100.00%	12.767%
29	5.862	1471	1484	1513	rBV	594547	1212375	56.34%	7.193%
30	6.260	1604	1608	1609	rBV4	1906	1302	0.06%	0.008%
31	6.309	1609	1623	1645	rBV	495291	1011719	47.02%	6.003%
32	6.514	1685	1687	1690	rBV4	1862	1142	0.05%	0.007%
33	6.614	1713	1718	1719	rBV6	1382	1113	0.05%	0.007%
34	6.723	1748	1752	1755	rBV4	1491	1274	0.06%	0.008%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCX8

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\SOMULM091919WMA.M
Title : VOC Analysis

35	6.746	1757	1759	1764	rVB4	1828	1284	0.06%	0.008%
36	6.775	1764	1768	1774	rBV7	1886	2088	0.10%	0.012%
37	6.852	1789	1792	1795	rBV4	2218	1514	0.07%	0.009%
38	6.887	1801	1803	1807	rVB5	1689	1052	0.05%	0.006%
39	6.984	1829	1833	1835	rBV4	1524	1099	0.05%	0.007%
40	7.206	1890	1902	1923	rBV2	283554	529074	24.59%	3.139%
41	7.370	1951	1953	1956	rBV4	1679	1087	0.05%	0.006%
42	7.408	1962	1965	1968	rBV4	1604	1077	0.05%	0.006%
43	7.543	1994	2007	2026	rBV	932927	1673964	77.80%	9.932%
44	7.829	2084	2096	2118	rBV	190335	353882	16.45%	2.100%
45	8.080	2171	2174	2177	rBV3	2142	1505	0.07%	0.009%
46	8.157	2191	2198	2203	rBV9	2575	4022	0.19%	0.024%
47	8.209	2203	2214	2228	rVB3	44019	78258	3.64%	0.464%
48	8.289	2228	2239	2278	rBV	666966	1315578	61.14%	7.806%
49	8.575	2325	2328	2331	rBV4	1517	1245	0.06%	0.007%
50	8.698	2363	2366	2368	rBV5	1718	1094	0.05%	0.006%
51	8.788	2392	2394	2401	rVB7	2304	2276	0.11%	0.014%
52	8.823	2401	2405	2407	rBV4	2706	2163	0.10%	0.013%
53	8.858	2412	2416	2419	rVB5	1757	1441	0.07%	0.009%
54	8.894	2419	2427	2432	rVB9	1716	2490	0.12%	0.015%
55	8.945	2439	2443	2445	rBV3	2101	1703	0.08%	0.010%
56	8.971	2449	2451	2457	rVV6	1086	1020	0.05%	0.006%
57	9.067	2469	2481	2502	rBV	903356	1546187	71.86%	9.174%
58	9.353	2563	2570	2573	rBV8	3790	4097	0.19%	0.024%
59	9.511	2617	2619	2623	rBV5	1199	989	0.05%	0.006%
60	9.550	2627	2631	2633	rBV3	1860	1697	0.08%	0.010%
61	9.669	2665	2668	2675	rVB7	1633	1824	0.08%	0.011%
62	9.771	2690	2700	2706	rVV7	3355	6090	0.28%	0.036%
63	9.807	2708	2711	2714	rVB3	1918	1171	0.05%	0.007%
64	9.865	2725	2729	2735	rVB7	1318	1585	0.07%	0.009%
65	9.964	2757	2760	2764	rBV5	2077	2111	0.10%	0.013%
66	10.032	2778	2781	2786	rBV5	1398	1136	0.05%	0.007%
67	10.305	2864	2866	2874	rVB7	1944	1508	0.07%	0.009%
68	10.408	2886	2898	2921	rBV	633005	1052567	48.92%	6.245%
69	10.559	2941	2945	2947	rBV4	1286	993	0.05%	0.006%
70	10.669	2976	2979	2983	rBV4	2097	1673	0.08%	0.010%
71	10.694	2984	2987	2992	rVB6	1734	1448	0.07%	0.009%

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ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCX8

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

72	11.135	3120	3124	3126	rBV3	1484	1289	0.06%	0.008%
73	11.180	3136	3138	3141	rBV4	1467	1185	0.06%	0.007%
74	11.395	3199	3205	3207	rBV7	1628	1665	0.08%	0.010%
75	11.459	3213	3225	3248	rBV	804627	1355645	63.00%	8.043%
76	11.701	3297	3300	3303	rVB4	2160	1418	0.07%	0.008%
77	11.791	3325	3328	3329	rBV2	1923	1065	0.05%	0.006%
78	11.836	3330	3342	3364	rVV	802501	1374491	63.88%	8.155%
79	12.125	3430	3432	3436	rVB4	1784	999	0.05%	0.006%
80	12.193	3451	3453	3456	rBV4	1627	1212	0.06%	0.007%
81	12.267	3474	3476	3479	rVV3	2219	1450	0.07%	0.009%
82	12.382	3506	3512	3515	rBV7	1372	1748	0.08%	0.010%
83	12.501	3545	3549	3553	rBV7	1298	1278	0.06%	0.008%
84	12.594	3575	3578	3582	rVB5	1789	1058	0.05%	0.006%
85	12.659	3595	3598	3603	rBV6	1602	1241	0.06%	0.007%
86	12.717	3609	3616	3620	rBV8	1910	2451	0.11%	0.015%
87	12.813	3642	3646	3648	rBV4	1360	1185	0.06%	0.007%
88	12.910	3671	3676	3680	rVV6	1567	1355	0.06%	0.008%
89	13.009	3701	3707	3709	rBV6	1613	1702	0.08%	0.010%
90	13.032	3712	3714	3717	rVV3	1261	1047	0.05%	0.006%
91	13.083	3726	3730	3734	rBV8	1482	1653	0.08%	0.010%
92	13.199	3763	3766	3768	rBV3	2399	1325	0.06%	0.008%
93	13.221	3768	3773	3777	rVV6	1467	1655	0.08%	0.010%
94	13.385	3821	3824	3827	rBV3	1478	1177	0.05%	0.007%
95	13.562	3877	3879	3882	rVB4	2441	1151	0.05%	0.007%
96	14.000	4011	4015	4019	rVB7	2696	2578	0.12%	0.015%
97	14.160	4061	4065	4069	rBV6	2433	1973	0.09%	0.012%
98	14.308	4107	4111	4112	rBV2	1741	1083	0.05%	0.006%
99	14.356	4124	4126	4128	rBV3	1837	1036	0.05%	0.006%
100	15.128	4364	4366	4372	rVB5	2336	2256	0.10%	0.013%

Sum of corrected areas: 16853970

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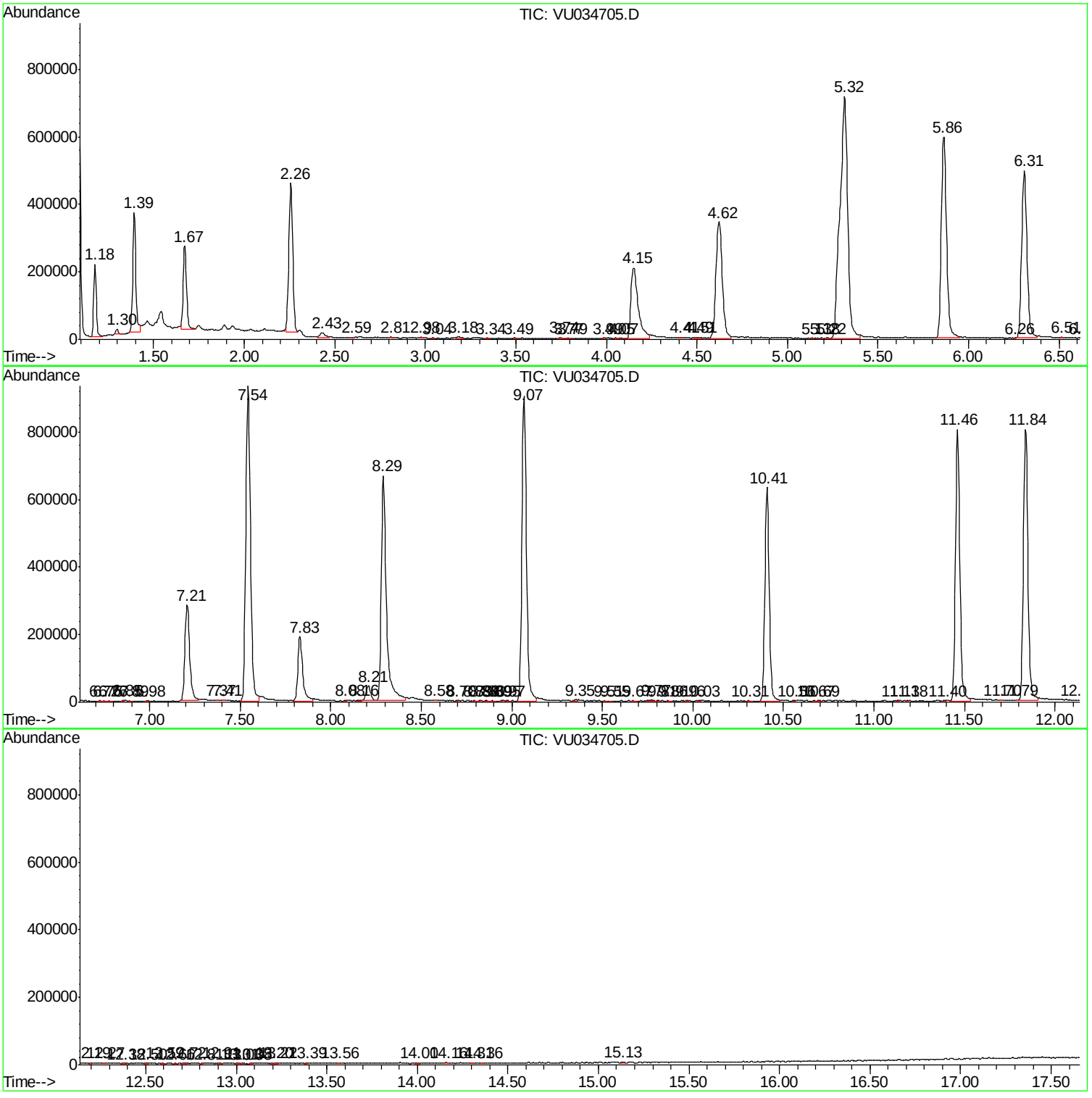
MSVOA_U
ClientSampleId :
BFCX8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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\VU092019\
Data File : VU034705.D
Acq On : 20 Sep 2019 22:00
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Sample : K4948-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCX8

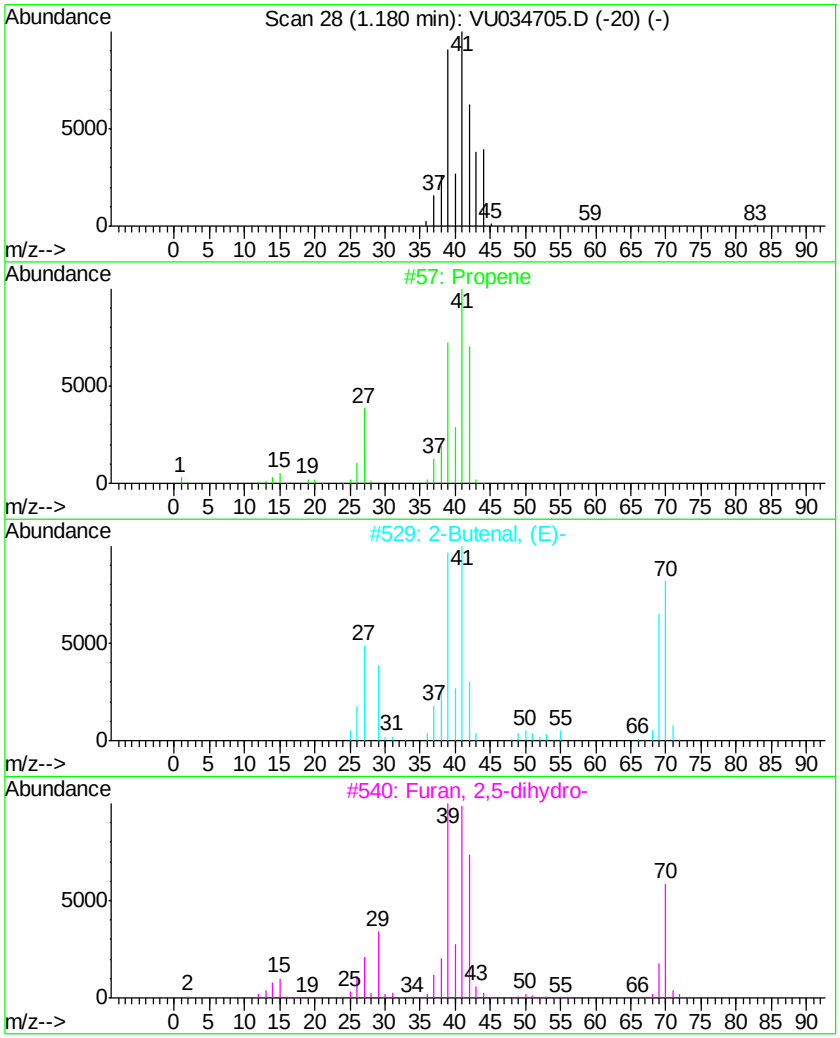
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

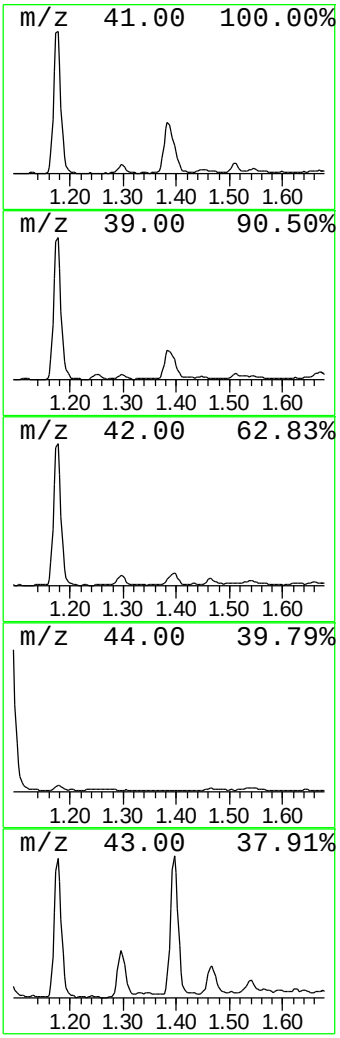
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	8.62 ug/L	208911	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64
4	2-Butenal	70	C4H6O	004170-30-3	43
5	Dimethylketene	70	C4H6O	000598-26-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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
(DEL) Alkane: Cyc...	1.18	8.6	ug/L	208911	1	5.86	1212380	50.0