LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
Data File : VU030492.D
Acq On : 27 Mar 2019 18:44
Operator : JC/SP
Sample : K2022-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F4

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	25	29	36	rVB	12433	10550	0.69%	0.079%
2	1.399	89	96	111	rVB	203856	202014	13.28%	1.522%
3	1.675	175	182	198	rVB	160332	208365	13.70%	1.570%
4	2.270	356	367	378	rBV	314584	478928	31.49%	3.609%
5	2.373	396	399	403	rVB	2399	1602	0.11%	0.012%
6	2.444	411	421	442	rBV	248779	429901	28.27%	3.239%
7	2.948	571	578	581	rBV	1881	2321	0.15%	0.017%
8	2.990	586	591	594	rBV	1627	1740	0.11%	0.013%
9	3.016	595	599	603	rBV2	1896	1796	0.12%	0.014%
10	3.296	684	686	690	rVB	2308	1336	0.09%	0.010%
11	3.354	696	704	707	rBV	2417	3024	0.20%	0.023%
12	3.476	738	742	745	rVB	2064	1686	0.11%	0.013%
13	3.572	767	772	776	rVB	1851	2186	0.14%	0.016%
14	3.775	830	835	838	rVB	2174	1707	0.11%	0.013%
15	3.797	838	842	845	rBV	1691	1563	0.10%	0.012%
16	3.836	852	854	861	rVB	1693	1563	0.10%	0.012%
17	3.868	861	864	867	rBV	1936	1417	0.09%	0.011%
18	4.077	924	929	930	rBV	1275	1123	0.07%	0.008%
19	4.173	947	959	994	rBV	179770	482798	31.75%	3.638%
20	4.643	1090	1105	1124	rBV	249948	596414	39.22%	4.494%
21	4.945	1196	1199	1205	rVB	1230	1223	0.08%	0.009%
22	4.974	1205	1208	1215	rBV	1758	2120	0.14%	0.016%
23	5.013	1215	1220	1224	rBV	2028	1844	0.12%	0.014%
24	5.077	1232	1240	1242	rBV	1270	1850	0.12%	0.014%
25	5.093	1242	1245	1248	rVB	1628	1107	0.07%	0.008%
26	5.257	1289	1296	1299	rBV	3010	3740	0.25%	0.028%
27	5.337	1299	1321	1350	rVV2	497087	1520766	100.00%	11.460%
28	5.611	1403	1406	1416	rVB	1909	1677	0.11%	0.013%
29	5.685	1425	1429	1435	rBV	2000	2596	0.17%	0.020%
30	5.726	1439	1442	1446	rBV	1696	1553	0.10%	0.012%
31	5.884	1477	1491	1518	rBV	516387	1040373	68.41%	7.840%
32	6.151	1569	1574	1581	rVB	2213	2373	0.16%	0.018%
33	6.270	1607	1611	1615	rBV	905	1121	0.07%	0.008%
34	6.328	1615	1629	1650	rBV	359656	728760	47.92%	5.491%

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Sample : K2022-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F4

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	6.540	1693	1695	1702	rVB	1533	1463	0.10%	0.011%
36	6.672	1733	1736	1745	rBV	2491	3754	0.25%	0.028%
37	6.868	1789	1797	1801	rBV2	2719	3534	0.23%	0.027%
38	6.923	1811	1814	1818	rVB	1547	1114	0.07%	0.008%
39	7.035	1843	1849	1854	rBV	1510	1683	0.11%	0.013%
40	7.083	1861	1864	1870	rVB	1200	1377	0.09%	0.010%
41	7.225	1895	1908	1928	rBV	189152	348769	22.93%	2.628%
42	7.382	1954	1957	1962	rBV2	1927	1749	0.12%	0.013%
43	7.562	2000	2013	2032	rBV	612868	1091148	71.75%	8.222%
44	7.775	2075	2079	2085	rVB	2866	2881	0.19%	0.022%
45	7.810	2085	2090	2092	rBV	1450	1343	0.09%	0.010%
46	7.849	2092	2102	2121	rBV	128782	233004	15.32%	1.756%
47	7.945	2129	2132	2139	rVB	1429	1354	0.09%	0.010%
48	8.228	2213	2220	2223	rBV	1685	1406	0.09%	0.011%
49	8.308	2234	2245	2277	rBV	543638	1021737	67.19%	7.699%
50	8.578	2326	2329	2335	rBV3	1245	1230	0.08%	0.009%
51	8.697	2362	2366	2368	rBV	2581	2009	0.13%	0.015%
52	8.900	2425	2429	2433	rBV	1433	1386	0.09%	0.010%
53	9.003	2457	2461	2464	rVV	1516	1227	0.08%	0.009%
54	9.086	2474	2487	2510	rBV	758939	1336742	87.90%	10.073%
55	9.260	2538	2541	2547	rVB2	1463	1276	0.08%	0.010%
56	9.453	2596	2601	2605	rBV2	1043	1208	0.08%	0.009%
57	9.514	2615	2620	2624	rVB	1231	1253	0.08%	0.009%
58	9.553	2629	2632	2636	rBV	1575	1331	0.09%	0.010%
59	9.688	2668	2674	2679	rVB	2246	2466	0.16%	0.019%
60	9.736	2683	2689	2692	rVB	2036	2044	0.13%	0.015%
61	9.861	2725	2728	2732	rBV	1491	1111	0.07%	0.008%
62	10.070	2789	2793	2796	rBV	2152	1545	0.10%	0.012%
63	10.260	2849	2852	2858	rVB	2177	2071	0.14%	0.016%
64	10.295	2858	2863	2868	rBV	1952	2662	0.18%	0.020%
65	10.331	2870	2874	2878	rBV2	1744	1359	0.09%	0.010%
66	10.427	2892	2904	2920	rBV	507423	828300	54.47%	6.242%
67	10.594	2949	2956	2957	rBV2	1784	1776	0.12%	0.013%
68	10.762	3002	3008	3012	rVB	2034	2495	0.16%	0.019%
69	10.794	3012	3018	3021	rBV	2083	1888	0.12%	0.014%
70	10.948	3059	3066	3069	rBV2	1667	2172	0.14%	0.016%
71	11.003	3079	3083	3086	rVB2	1520	1203	0.08%	0.009%

LSC Area Percent Report

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Sample : K2022-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F4

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	11.073	3099	3105	3108	rBV	2295	2543	0.17%	0.019%
73	11.093	3108	3111	3117	rVB	1867	2150	0.14%	0.016%
74	11.334	3183	3186	3191	rBV	2000	1933	0.13%	0.015%
75	11.421	3203	3213	3220	rBV3	9296	15225	1.00%	0.115%
76	11.482	3220	3232	3257	rVV	632985	1080596	71.06%	8.143%
77	11.675	3289	3292	3296	rBV2	1610	1496	0.10%	0.011%
78	11.758	3314	3318	3321	rBV2	3444	2821	0.19%	0.021%
79	11.858	3337	3349	3375	rBV3	636126	1311313	86.23%	9.881%
80	12.090	3418	3421	3426	rBV	1764	1557	0.10%	0.012%
81	12.183	3446	3450	3453	rVB	1700	1280	0.08%	0.010%
82	12.276	3476	3479	3485	rVB	1608	1435	0.09%	0.011%
83	12.337	3496	3498	3508	rVB	1913	1833	0.12%	0.014%
84	12.504	3544	3550	3554	rBV2	1042	1294	0.09%	0.010%
85	12.598	3574	3579	3583	rBV	1677	1525	0.10%	0.011%
86	12.681	3601	3605	3610	rVB	2481	2469	0.16%	0.019%
87	12.710	3610	3614	3619	rBV	2637	3360	0.22%	0.025%
88	12.990	3697	3701	3705	rVB2	2115	1574	0.10%	0.012%
89	13.054	3715	3721	3725	rVB2	1543	1553	0.10%	0.012%
90	13.077	3725	3728	3733	rBV	2522	2465	0.16%	0.019%
91	13.192	3759	3764	3766	rBV	2071	2017	0.13%	0.015%
92	13.504	3849	3861	3875	rBV2	70840	136502	8.98%	1.029%
93	13.752	3935	3938	3942	rVB	2194	1858	0.12%	0.014%
94	13.774	3942	3945	3948	rBV	2338	1440	0.09%	0.011%
95	13.990	4005	4012	4024	rVV5	12271	24041	1.58%	0.181%
96	14.392	4134	4137	4141	rVB	1820	1203	0.08%	0.009%
97	14.427	4141	4148	4152	rBV2	1853	2531	0.17%	0.019%
98	14.491	4164	4168	4173	rBV	1661	1662	0.11%	0.013%
99	14.524	4173	4178	4179	rBV	1359	1192	0.08%	0.009%
100	15.302	4416	4420	4423	rBV2	1597	1669	0.11%	0.013%

Sum of corrected areas: 13270744

LSC Report - Integrated Chromatogram

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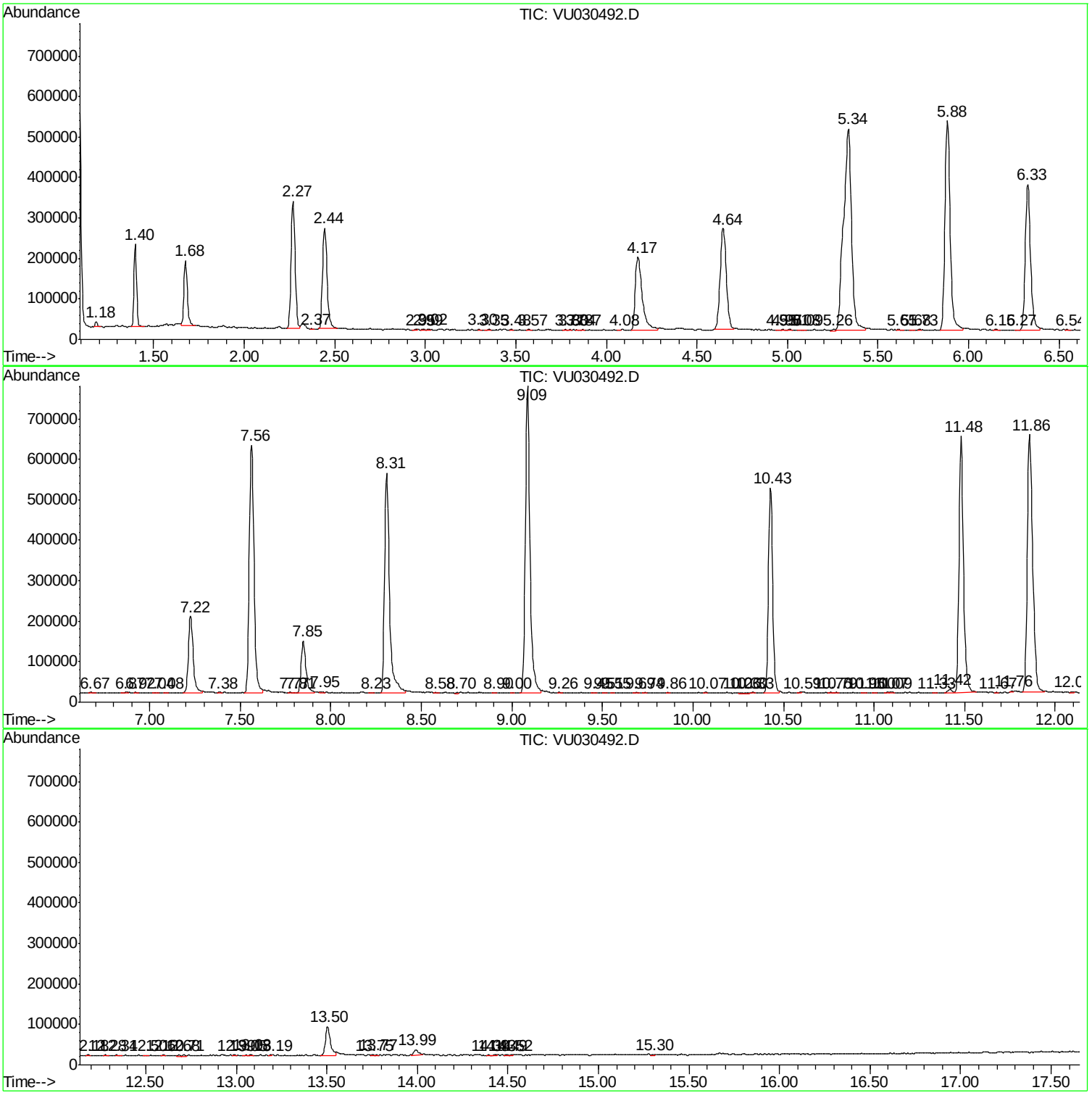
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F4

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\VU032719\
Data File : VU030492.D
Acq On : 27 Mar 2019 18:44
Operator : JC/SP
Sample : K2022-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F4

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

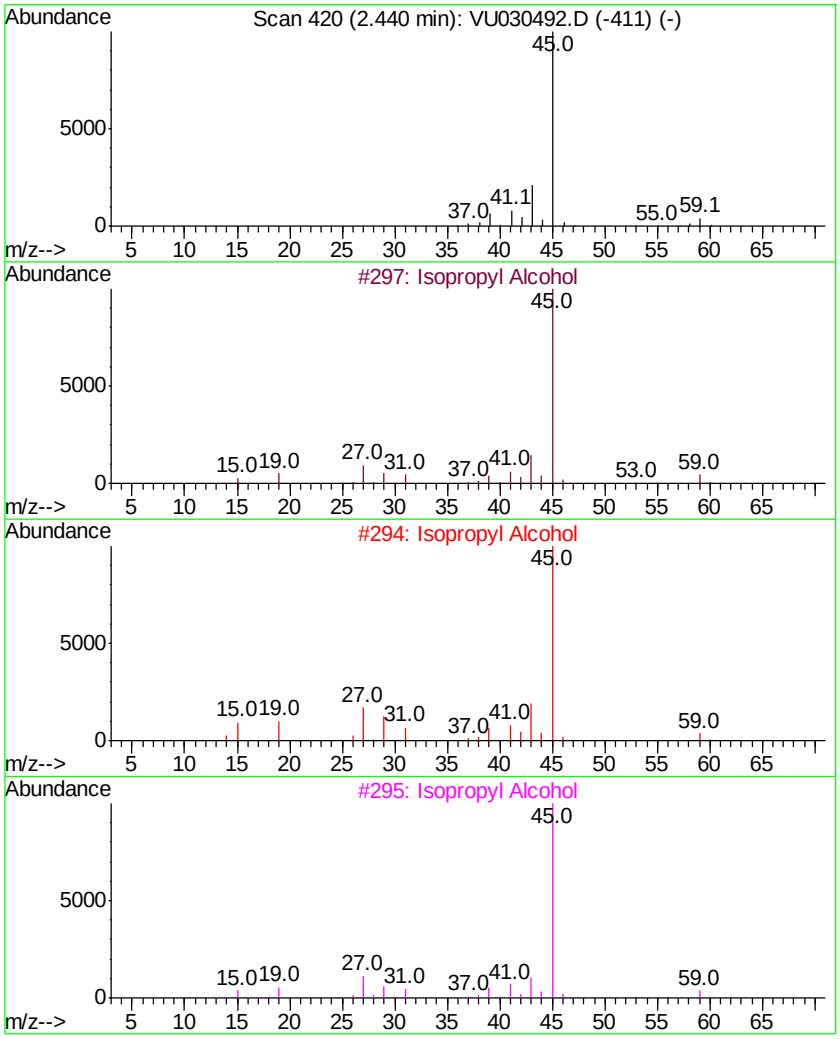
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

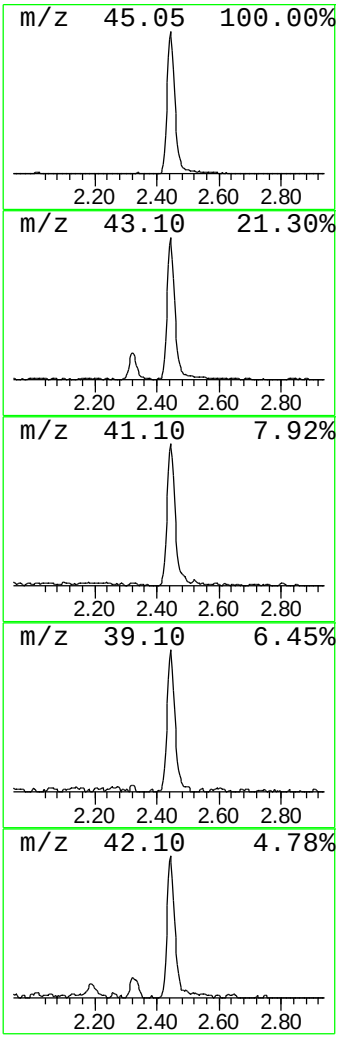
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	20.66 ug/L	429901	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\
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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	20.7	ug/L	429901	1	5.88	1040370	50.0