LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003380.D
Acq On : 21 Jun 2018 10:51
Operator : SY/AP
Sample : VW0621SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK88

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_W\METHOD\SOM2WLM062018S.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	1.752	18	27	28	rBV	10398	16983	0.59%	0.125%
2	1.807	28	36	57	rVB	1238938	2892168	100.00%	21.308%
3	2.154	89	93	94	rBV2	1159	1494	0.05%	0.011%
4	2.209	97	102	103	rBV3	2193	3547	0.12%	0.026%
5	2.349	119	125	136	rVB	118141	204912	7.09%	1.510%
6	2.892	207	214	229	rVB	77603	184729	6.39%	1.361%
7	3.855	365	372	379	rVV8	2324	6412	0.22%	0.047%
8	4.007	386	397	414	rBV	166744	496217	17.16%	3.656%
9	4.142	416	419	431	rVB5	4295	10955	0.38%	0.081%
10	4.904	533	544	561	rBV4	7483	31060	1.07%	0.229%
11	5.105	572	577	578	rBV3	1090	1467	0.05%	0.011%
12	5.416	625	628	631	rVV3	505	723	0.02%	0.005%
13	5.745	675	682	683	rBV4	1962	3355	0.12%	0.025%
14	5.928	703	712	713	rBV4	3951	7032	0.24%	0.052%
15	6.397	786	789	792	rVB2	507	719	0.02%	0.005%
16	6.568	814	817	820	rBV3	456	631	0.02%	0.005%
17	6.928	873	876	878	rBV3	836	1089	0.04%	0.008%
18	7.092	893	903	909	rBV	46782	137487	4.75%	1.013%
19	7.300	935	937	942	rVB5	516	634	0.02%	0.005%
20	7.568	979	981	983	rVV3	715	627	0.02%	0.005%
21	7.647	983	994	1009	rVB	227385	556942	19.26%	4.103%
22	8.281	1085	1098	1112	rBV2	466478	1412012	48.82%	10.403%
23	8.385	1112	1115	1117	rVV3	1108	1539	0.05%	0.011%
24	8.409	1117	1119	1123	rVV3	1156	1474	0.05%	0.011%
25	8.482	1126	1131	1135	rVB6	742	1088	0.04%	0.008%
26	8.635	1155	1156	1160	rVB3	883	923	0.03%	0.007%
27	8.689	1160	1165	1171	rBV5	1382	2433	0.08%	0.018%
28	8.848	1180	1191	1203	rBV	485512	940843	32.53%	6.932%
29	8.994	1212	1215	1222	rVB5	579	732	0.03%	0.005%
30	9.074	1222	1228	1234	rBV8	1570	4065	0.14%	0.030%
31	9.281	1253	1262	1274	rVV	311752	633830	21.92%	4.670%
32	9.378	1277	1278	1282	rVB4	633	683	0.02%	0.005%
33	9.482	1291	1295	1297	rVB3	768	1035	0.04%	0.008%
34	9.665	1315	1325	1332	rVB7	1491	3667	0.13%	0.027%

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Sample : VW0621SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK88

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_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

35	9.762	1336	1341	1347	rVB4	2830	4875	0.17%	0.036%
36	9.897	1356	1363	1370	rVB2	6915	13830	0.48%	0.102%
37	10.037	1370	1386	1394	rBV	172547	317874	10.99%	2.342%
38	10.110	1396	1398	1406	rVB6	1002	2287	0.08%	0.017%
39	10.220	1410	1416	1417	rBV4	1893	2984	0.10%	0.022%
40	10.262	1419	1423	1426	rVB3	3261	5226	0.18%	0.039%
41	10.329	1426	1434	1442	rBV	646894	1135679	39.27%	8.367%
42	10.390	1442	1444	1452	rVB4	3156	5155	0.18%	0.038%
43	10.512	1459	1464	1466	rBV4	657	1067	0.04%	0.008%
44	10.579	1468	1475	1486	rVB	119879	210359	7.27%	1.550%
45	10.714	1488	1497	1503	rBV	38808	71912	2.49%	0.530%
46	10.768	1503	1506	1507	rBV3	1060	916	0.03%	0.007%
47	10.848	1514	1519	1526	rBV2	3863	6942	0.24%	0.051%
48	10.933	1526	1533	1543	rBV	201242	338338	11.70%	2.493%
49	11.073	1550	1556	1564	rVB	35181	58854	2.03%	0.434%
50	11.177	1568	1573	1584	rVB3	5852	11382	0.39%	0.084%
51	11.348	1599	1601	1603	rBV3	1016	825	0.03%	0.006%
52	11.409	1606	1611	1613	rBV2	3515	5226	0.18%	0.039%
53	11.451	1613	1618	1623	rVB2	8506	15192	0.53%	0.112%
54	11.500	1623	1626	1628	rBV3	593	634	0.02%	0.005%
55	11.634	1641	1648	1658	rBV	674519	1143413	39.53%	8.424%
56	11.732	1661	1664	1673	rVB5	1209	2562	0.09%	0.019%
57	11.841	1678	1682	1686	rBV4	1570	2948	0.10%	0.022%
58	11.933	1693	1697	1700	rVB3	483	663	0.02%	0.005%
59	12.171	1733	1736	1737	rVV2	926	927	0.03%	0.007%
60	12.396	1768	1773	1776	rVB3	698	773	0.03%	0.006%
61	12.475	1781	1786	1790	rBV6	3087	5264	0.18%	0.039%
62	12.616	1802	1809	1815	rBV	20561	34635	1.20%	0.255%
63	12.701	1815	1823	1831	rBV	276403	448162	15.50%	3.302%
64	12.945	1858	1863	1867	rVV3	7306	10488	0.36%	0.077%
65	13.012	1871	1874	1875	rBV2	539	721	0.02%	0.005%
66	13.042	1875	1879	1883	rVV5	2010	3294	0.11%	0.024%
67	13.091	1883	1887	1891	rVB3	1988	3026	0.10%	0.022%
68	13.207	1901	1906	1909	rBV5	1055	1800	0.06%	0.013%
69	13.311	1919	1923	1929	rVB4	2877	4592	0.16%	0.034%
70	13.414	1934	1940	1946	rBV7	2831	5583	0.19%	0.041%
71	13.481	1946	1951	1952	rBV4	1223	1546	0.05%	0.011%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : VBLK88

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_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

72	13.512	1952	1956	1958	rBV4	2691	3990	0.14%	0.029%
73	13.567	1958	1965	1972	rBV	679510	1061130	36.69%	7.818%
74	13.768	1993	1998	2002	rBV5	3562	6457	0.22%	0.048%
75	13.804	2002	2004	2006	rBV2	1667	1340	0.05%	0.010%
76	13.859	2006	2013	2020	rBV	589872	969092	33.51%	7.140%
77	13.957	2027	2029	2035	rVB6	1704	2732	0.09%	0.020%
78	14.024	2037	2040	2045	rBV5	2127	3734	0.13%	0.028%
79	14.085	2045	2050	2062	rVB	12467	24034	0.83%	0.177%
80	14.213	2067	2071	2075	rVB6	509	822	0.03%	0.006%
81	14.341	2083	2092	2097	rBV8	3280	6895	0.24%	0.051%
82	14.426	2104	2106	2110	rBV3	939	1167	0.04%	0.009%
83	14.469	2110	2113	2117	rVV4	1137	1452	0.05%	0.011%
84	14.512	2118	2120	2122	rVV2	655	718	0.02%	0.005%
85	14.536	2122	2124	2130	rVB5	1901	2621	0.09%	0.019%
86	14.640	2134	2141	2147	rBV7	2660	5021	0.17%	0.037%
87	14.695	2147	2150	2151	rBV3	1210	1074	0.04%	0.008%
88	14.737	2155	2157	2162	rVB5	1864	2379	0.08%	0.018%
89	14.804	2164	2168	2174	rBV5	1042	1902	0.07%	0.014%
90	15.133	2220	2222	2223	rBV	1703	1281	0.04%	0.009%
91	15.377	2258	2262	2266	rVV4	2611	4846	0.17%	0.036%
92	15.457	2266	2275	2279	rVV3	6438	11859	0.41%	0.087%
93	15.511	2280	2284	2289	rVV3	2617	5844	0.20%	0.043%
94	15.572	2292	2294	2302	rVB6	2501	3441	0.12%	0.025%
95	15.780	2326	2328	2331	rBV3	1413	1847	0.06%	0.014%
96	15.908	2347	2349	2352	rVB4	839	815	0.03%	0.006%
97	16.115	2380	2383	2384	rBV3	765	888	0.03%	0.007%
98	16.182	2392	2394	2398	rVB3	829	1092	0.04%	0.008%
99	16.273	2407	2409	2413	rVB4	480	659	0.02%	0.005%
100	16.511	2446	2448	2450	rBV	792	687	0.02%	0.005%

Sum of corrected areas: 13573280

LSC Report - Integrated Chromatogram

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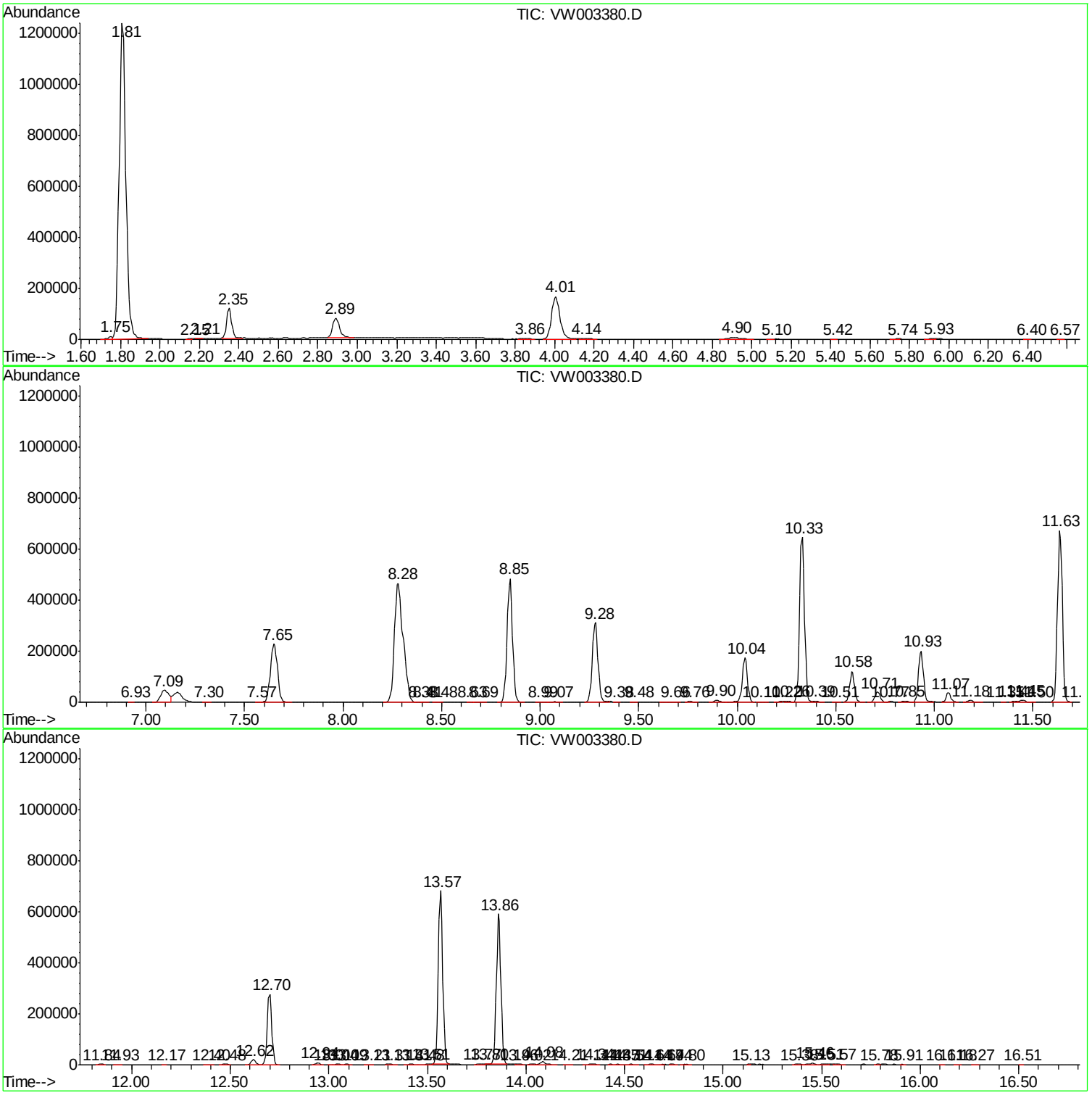
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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_W\DATA\VW062118\
Data File : VW003380.D
Acq On : 21 Jun 2018 10:51
Operator : SY/AP
Sample : VW0621SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

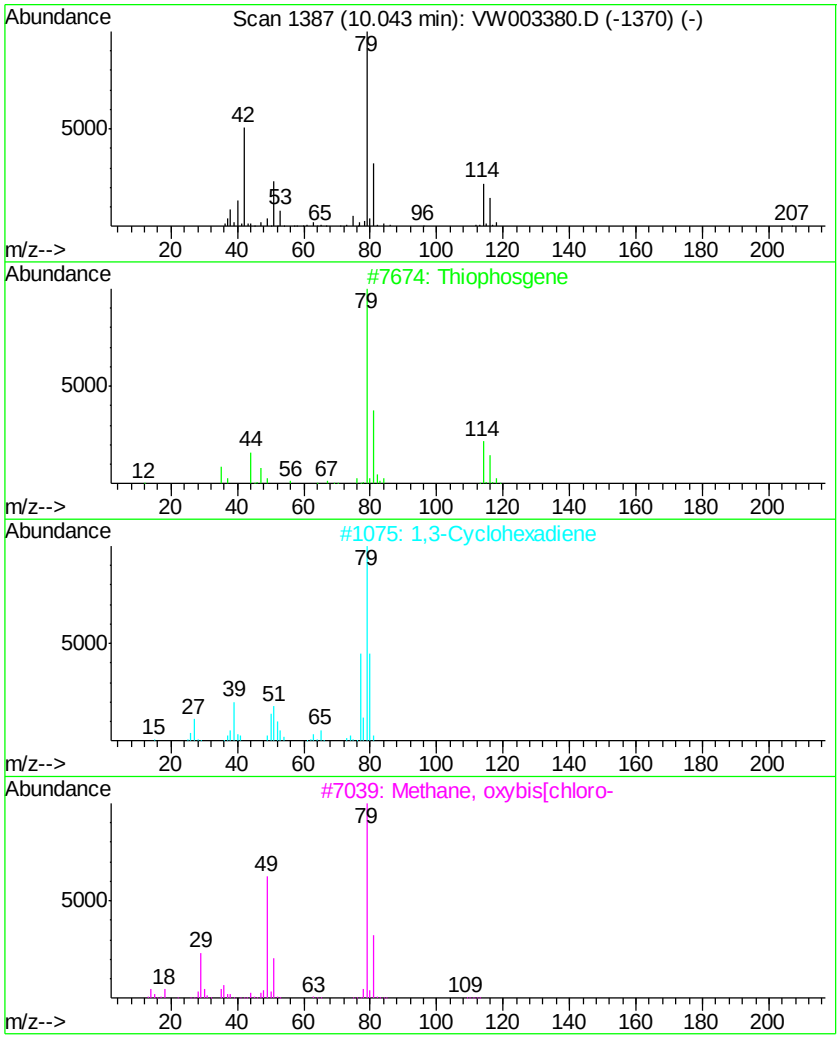
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

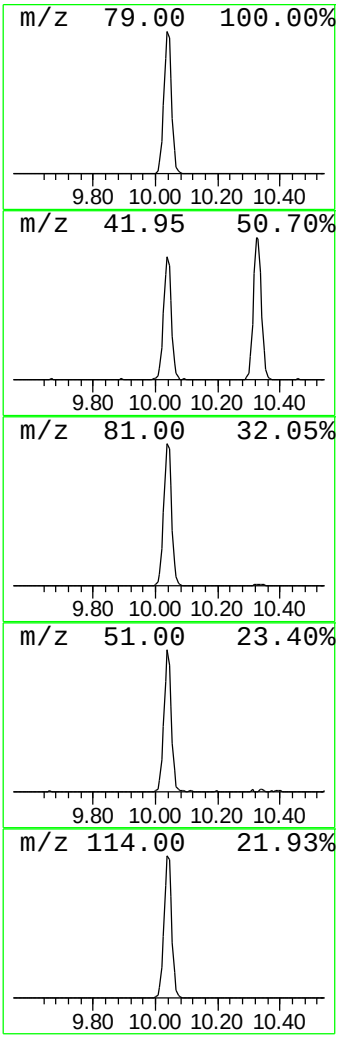
****

Peak Number 2 Thiophosgene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	8.45 ug/L	317874	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophosgene	114	CCl2S	000463-71-8	47
2	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
5	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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
Thiophosgene	10.04	8.4	ug/L	317874	1	8.85	940843	25.0