LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030426.D
Acq On : 26 Mar 2019 00:37
Operator : JC/SP
Sample : K2070-09 20X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D1

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	36	rVB2	14651	14362	0.28%	0.071%
2	1.399	89	96	110	rBV	312866	311224	6.16%	1.544%
3	1.672	174	181	204	rVB	223649	310002	6.14%	1.538%
4	2.187	336	341	350	rVB4	5535	7238	0.14%	0.036%
5	2.270	356	367	380	rBV	448422	685770	13.57%	3.402%
6	2.447	416	422	428	rVV4	3301	4646	0.09%	0.023%
7	2.588	462	466	469	rBV	1179	920	0.02%	0.005%
8	2.836	526	543	562	rVV	26396	61598	1.22%	0.306%
9	2.929	567	572	575	rBV	1323	1106	0.02%	0.005%
10	2.949	575	578	585	rVV2	802	942	0.02%	0.005%
11	3.119	627	631	634	rBV2	1384	1223	0.02%	0.006%
12	3.437	726	730	733	rBV2	1103	791	0.02%	0.004%
13	3.469	734	740	744	rBV	889	875	0.02%	0.004%
14	3.505	747	751	754	rVB3	1596	1212	0.02%	0.006%
15	3.547	758	764	769	rVB2	1832	1988	0.04%	0.010%
16	3.604	779	782	791	rVB2	1608	2097	0.04%	0.010%
17	3.688	802	808	810	rBV	1313	1421	0.03%	0.007%
18	3.759	822	830	834	rVB	2029	2482	0.05%	0.012%
19	3.849	856	858	866	rVB	1852	2163	0.04%	0.011%
20	4.019	908	911	917	rBV2	1427	1390	0.03%	0.007%
21	4.174	945	959	991	rBV	203142	571171	11.31%	2.834%
22	4.434	1037	1040	1049	rVB5	1543	2242	0.04%	0.011%
23	4.563	1076	1080	1083	rVB	1064	820	0.02%	0.004%
24	4.643	1087	1105	1128	rBV	309101	726891	14.39%	3.606%
25	4.801	1148	1154	1157	rBV4	1162	1291	0.03%	0.006%
26	4.875	1174	1177	1181	rBV3	1256	1088	0.02%	0.005%
27	5.038	1226	1228	1236	rVB2	871	1083	0.02%	0.005%
28	5.106	1245	1249	1252	rBV	1636	1361	0.03%	0.007%
29	5.338	1297	1321	1357	rBV2	654450	2022947	40.04%	10.036%
30	5.685	1422	1429	1432	rBV5	1199	1590	0.03%	0.008%
31	5.717	1435	1439	1441	rBV	931	827	0.02%	0.004%
32	5.746	1446	1448	1452	rVB2	1241	824	0.02%	0.004%
33	5.820	1468	1471	1476	rVB3	1133	920	0.02%	0.005%
34	5.884	1476	1491	1530	rBV	569832	1170445	23.17%	5.807%

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D1

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	6.093	1553	1556	1559	rBV2	1130	949	0.02%	0.005%
36	6.328	1614	1629	1655	rBV	439577	893702	17.69%	4.434%
37	6.675	1733	1737	1740	rBV3	1235	1052	0.02%	0.005%
38	6.727	1749	1753	1758	rBV	1673	1461	0.03%	0.007%
39	6.775	1766	1768	1772	rVV	1264	865	0.02%	0.004%
40	6.964	1823	1827	1830	rBV2	1281	874	0.02%	0.004%
41	7.016	1839	1843	1847	rBV	1016	1181	0.02%	0.006%
42	7.054	1851	1855	1858	rBV2	1187	1103	0.02%	0.005%
43	7.099	1866	1869	1875	rBV3	1124	1359	0.03%	0.007%
44	7.170	1887	1891	1894	rBV2	1101	927	0.02%	0.005%
45	7.225	1896	1908	1925	rBV	230139	416311	8.24%	2.065%
46	7.463	1979	1982	1987	rVB3	1030	896	0.02%	0.004%
47	7.511	1993	1997	1998	rBV	1042	803	0.02%	0.004%
48	7.562	2000	2013	2049	rBV	811600	1473789	29.17%	7.312%
49	7.845	2090	2101	2122	rBV	157473	286293	5.67%	1.420%
50	8.099	2175	2180	2182	rBV2	1350	990	0.02%	0.005%
51	8.164	2195	2200	2201	rBV2	1406	1099	0.02%	0.005%
52	8.254	2223	2228	2231	rBV	1415	1121	0.02%	0.006%
53	8.308	2233	2245	2283	rBV	602465	1124721	22.26%	5.580%
54	8.826	2402	2406	2408	rBV	1168	868	0.02%	0.004%
55	8.955	2441	2446	2452	rBV2	1229	1264	0.03%	0.006%
56	9.009	2459	2463	2467	rBV2	1528	1292	0.03%	0.006%
57	9.115	2474	2496	2540	rBV2	2184321	5051771	100.00%	25.062%
58	9.376	2574	2577	2579	rBV3	1345	890	0.02%	0.004%
59	9.492	2607	2613	2619	rBV	2156	3087	0.06%	0.015%
60	9.787	2702	2705	2713	rVB	2014	2099	0.04%	0.010%
61	9.836	2713	2720	2722	rBV	1548	1958	0.04%	0.010%
62	9.852	2723	2725	2730	rVV2	1949	1603	0.03%	0.008%
63	9.878	2730	2733	2735	rVV2	1062	879	0.02%	0.004%
64	10.051	2783	2787	2791	rBV	1665	1363	0.03%	0.007%
65	10.119	2802	2808	2810	rBV	1162	1335	0.03%	0.007%
66	10.427	2891	2904	2925	rVV	552562	903197	17.88%	4.481%
67	10.517	2930	2932	2936	rVB	2110	1315	0.03%	0.007%
68	10.607	2956	2960	2965	rVB2	1736	1487	0.03%	0.007%
69	10.659	2972	2976	2979	rBV3	1619	1416	0.03%	0.007%
70	10.797	3015	3019	3025	rVB4	1341	1452	0.03%	0.007%
71	10.823	3025	3027	3029	rBV	1446	922	0.02%	0.005%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D1

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	10.932	3054	3061	3063	rBV2	1794	1971	0.04%	0.010%
73	11.157	3127	3131	3134	rBV3	1631	1560	0.03%	0.008%
74	11.283	3167	3170	3174	rVB	1360	1020	0.02%	0.005%
75	11.369	3192	3197	3199	rBV	1045	807	0.02%	0.004%
76	11.418	3201	3212	3220	rVV	58271	93026	1.84%	0.462%
77	11.482	3220	3232	3262	rVB3	748392	1641346	32.49%	8.143%
78	11.620	3272	3275	3278	rBV	1518	903	0.02%	0.004%
79	11.861	3336	3350	3383	rBV2	873594	2096969	41.51%	10.403%
80	12.234	3463	3466	3471	rVB2	1529	1247	0.02%	0.006%
81	12.263	3471	3475	3478	rVB	1303	946	0.02%	0.005%
82	12.292	3478	3484	3488	rBV2	1607	1993	0.04%	0.010%
83	12.344	3497	3500	3503	rBV	1128	804	0.02%	0.004%
84	12.430	3524	3527	3531	rVB	1813	1430	0.03%	0.007%
85	12.472	3533	3540	3542	rBV3	1326	1330	0.03%	0.007%
86	13.003	3700	3705	3708	rBV3	1343	1404	0.03%	0.007%
87	13.099	3728	3735	3738	rVV2	1637	2028	0.04%	0.010%
88	13.119	3738	3741	3744	rVV	1326	949	0.02%	0.005%
89	13.164	3753	3755	3761	rVB	1517	934	0.02%	0.005%
90	13.205	3761	3768	3774	rBV2	1730	2551	0.05%	0.013%
91	13.504	3850	3861	3874	rBV2	77706	146928	2.91%	0.729%
92	13.951	3995	4000	4002	rBV	1560	1582	0.03%	0.008%
93	13.993	4002	4013	4026	rBV5	16895	40189	0.80%	0.199%
94	14.292	4101	4106	4109	rBV	1773	1934	0.04%	0.010%
95	14.524	4175	4178	4182	rBV	1454	1637	0.03%	0.008%
96	14.675	4221	4225	4229	rBV	1325	1364	0.03%	0.007%
97	14.778	4254	4257	4259	rBV	1292	955	0.02%	0.005%
98	15.508	4478	4484	4487	rBV5	1992	2345	0.05%	0.012%
99	15.585	4506	4508	4512	rBV3	1360	918	0.02%	0.005%
100	15.630	4519	4522	4523	rBV2	1800	1029	0.02%	0.005%

Sum of corrected areas: 20156743

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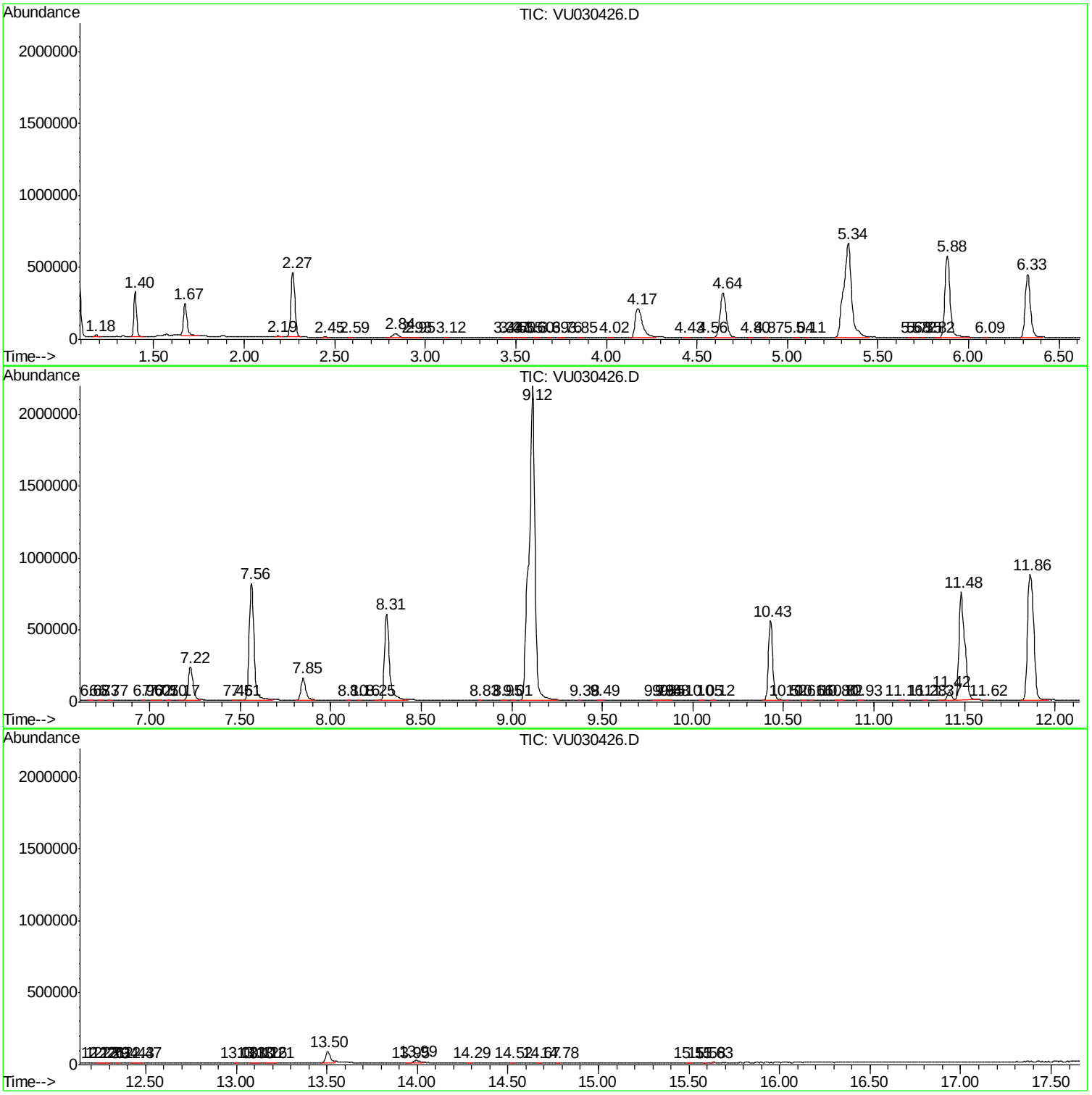
Instrument : MSVOA_U
ClientSampleId : C09D1

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\
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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D1

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

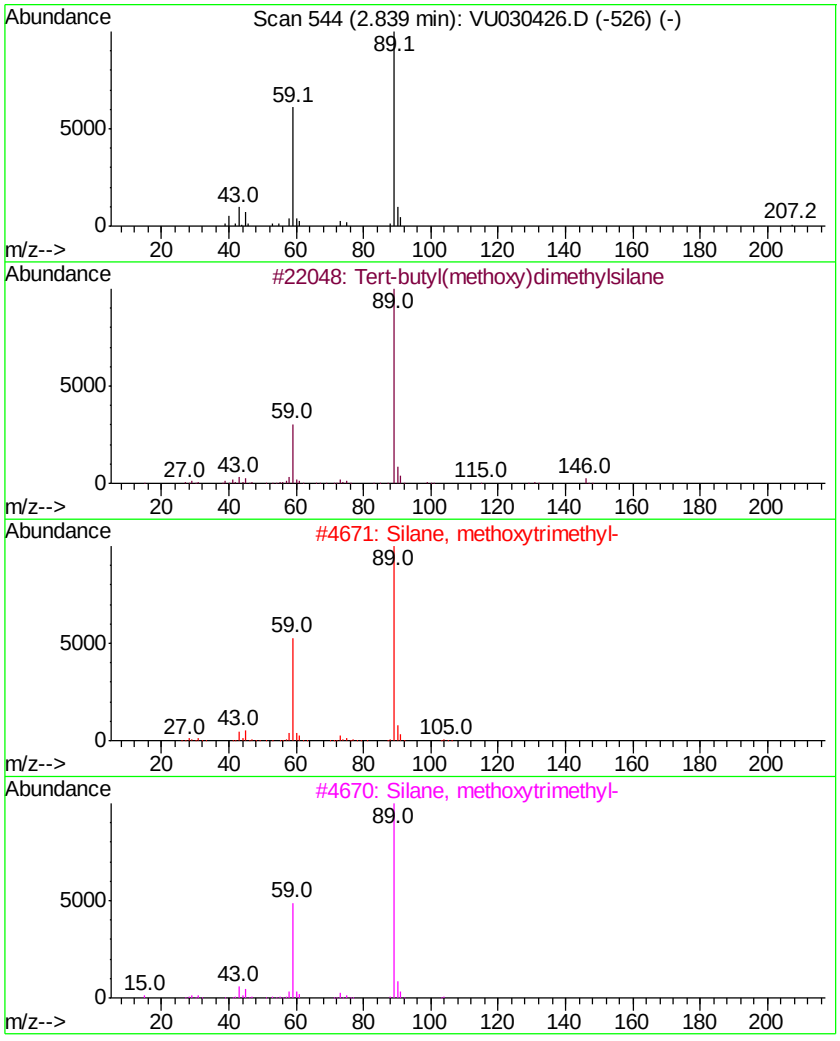
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

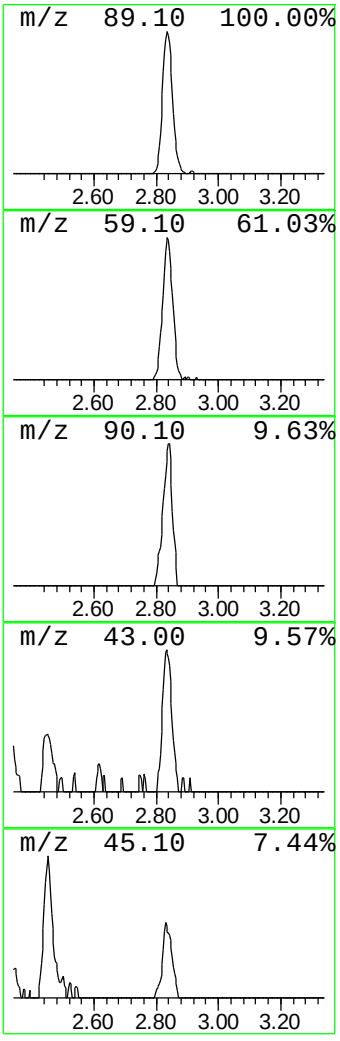
****

Peak Number 1 Tert-butyl(methoxy)dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	2.63 ug/L	61598	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	83
2	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
3	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	78
4	Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	78
5	Silane, [(methylsilyl)methyl](si...	134	C3H14Si3	005695-49-8	78





Tentatively Identified Compound (LSC) summary

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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
Tert-butyl(methox...	2.84	2.6	ug/L	61598	1	5.88	1170450	50.0