LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
Data File : VU038688.D
Acq On : 08 Jun 2020 23:38
Operator : SY/MD
Sample : L2896-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0H9

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\SOMULM060820WMA.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	1.369	3	9	19	rBV	53519	56175	0.42%	0.173%
2	1.504	45	51	56	rBV	26957	34605	0.26%	0.107%
3	1.617	77	86	100	rBV	2938327	3304928	24.70%	10.172%
4	1.932	176	184	197	rVB	207169	262997	1.97%	0.809%
5	2.594	376	390	408	rBV	494343	859605	6.43%	2.646%
6	2.826	453	462	472	rBV2	3581	7068	0.05%	0.022%
7	3.166	563	568	572	rBV3	686	916	0.01%	0.003%
8	3.388	623	637	651	rVV2	43299	84882	0.63%	0.261%
9	3.626	707	711	713	rBV3	455	336	0.00%	0.001%
10	3.813	765	769	774	rBV2	361	297	0.00%	0.001%
11	3.887	789	792	793	rBV	617	381	0.00%	0.001%
12	4.221	894	896	901	rVB2	392	306	0.00%	0.001%
13	4.562	998	1002	1004	rBV2	926	752	0.01%	0.002%
14	4.601	1009	1014	1020	rBV6	1280	1721	0.01%	0.005%
15	4.707	1020	1047	1080	rBV	5831894	13378687	100.00%	41.176%
16	5.102	1155	1170	1189	rVB	390600	843178	6.30%	2.595%
17	5.401	1258	1263	1264	rBV3	1020	742	0.01%	0.002%
18	5.552	1305	1310	1312	rBV3	476	423	0.00%	0.001%
19	5.588	1319	1321	1325	rVB3	661	353	0.00%	0.001%
20	5.613	1325	1329	1331	rBV3	411	282	0.00%	0.001%
21	5.761	1352	1375	1409	rVV2	813470	2218919	16.59%	6.829%
22	6.006	1447	1451	1455	rBV3	710	753	0.01%	0.002%
23	6.063	1460	1469	1472	rBV7	1811	2263	0.02%	0.007%
24	6.131	1485	1490	1492	rBV4	586	464	0.00%	0.001%
25	6.279	1521	1536	1571	rBV	533467	1033438	7.72%	3.181%
26	6.571	1609	1627	1646	rBV2	119844	230736	1.72%	0.710%
27	6.719	1658	1673	1693	rBV	491581	953234	7.13%	2.934%
28	6.954	1740	1746	1747	rBV2	334	316	0.00%	0.001%
29	7.134	1797	1802	1804	rBV3	443	363	0.00%	0.001%
30	7.179	1813	1816	1817	rBV	569	320	0.00%	0.001%
31	7.205	1817	1824	1832	rVV8	1938	3162	0.02%	0.010%
32	7.237	1832	1834	1838	rVV	498	387	0.00%	0.001%
33	7.256	1838	1840	1846	rVB2	399	292	0.00%	0.001%
34	7.494	1909	1914	1922	rVB2	373	472	0.00%	0.001%

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Instrument : MSVOA_U
ClientSampleId : EW0H9

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\SOMULM060820WMA.M
Title : VOC Analysis

35	7.536	1922	1927	1930	rBV3	478	471	0.00%	0.001%
36	7.591	1930	1944	1961	rBV	274073	483944	3.62%	1.489%
37	7.706	1977	1980	1990	rVB5	1467	1831	0.01%	0.006%
38	7.784	2001	2004	2007	rBV2	321	314	0.00%	0.001%
39	7.806	2007	2011	2012	rBV2	499	389	0.00%	0.001%
40	7.832	2016	2019	2024	rBV4	920	710	0.01%	0.002%
41	7.922	2031	2047	2064	rBV	995836	1746833	13.06%	5.376%
42	8.105	2102	2104	2109	rVB	720	455	0.00%	0.001%
43	8.198	2121	2133	2157	rBV	194288	331550	2.48%	1.020%
44	8.414	2196	2200	2204	rBV2	517	405	0.00%	0.001%
45	8.491	2209	2224	2235	rBV2	10946	19322	0.14%	0.059%
46	8.575	2248	2250	2256	rVB5	596	481	0.00%	0.001%
47	8.655	2260	2275	2306	rBV	740813	1339789	10.01%	4.124%
48	8.838	2330	2332	2336	rVB2	589	328	0.00%	0.001%
49	8.922	2354	2358	2361	rBV2	463	378	0.00%	0.001%
50	9.060	2397	2401	2407	rBV2	435	546	0.00%	0.002%
51	9.131	2417	2423	2425	rVV	359	334	0.00%	0.001%
52	9.169	2431	2435	2438	rBV2	556	415	0.00%	0.001%
53	9.186	2438	2440	2444	rVV	512	349	0.00%	0.001%
54	9.272	2464	2467	2469	rBV	440	281	0.00%	0.001%
55	9.433	2504	2517	2552	rVV	751639	1296322	9.69%	3.990%
56	9.587	2557	2565	2572	rBV4	2466	3394	0.03%	0.010%
57	9.710	2594	2603	2613	rVB5	3730	5079	0.04%	0.016%
58	9.822	2634	2638	2640	rBV	368	305	0.00%	0.001%
59	9.957	2677	2680	2683	rVB2	613	416	0.00%	0.001%
60	10.115	2718	2729	2736	rBV4	2740	4987	0.04%	0.015%
61	10.398	2814	2817	2820	rVV2	544	330	0.00%	0.001%
62	10.446	2829	2832	2839	rVB	428	329	0.00%	0.001%
63	10.491	2842	2846	2847	rBV	418	336	0.00%	0.001%
64	10.771	2919	2933	2953	rBV	676536	1088047	8.13%	3.349%
65	10.867	2959	2963	2964	rBV2	622	387	0.00%	0.001%
66	10.899	2965	2973	2985	rVV4	8699	13446	0.10%	0.041%
67	11.028	3009	3013	3014	rBV	616	383	0.00%	0.001%
68	11.099	3031	3035	3039	rBV3	803	818	0.01%	0.003%
69	11.237	3072	3078	3081	rBV2	423	411	0.00%	0.001%
70	11.340	3106	3110	3113	rVB2	408	355	0.00%	0.001%
71	11.362	3113	3117	3118	rBV	498	348	0.00%	0.001%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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\SOMULM060820WMA.M
Title : VOC Analysis

72	11.472	3146	3151	3154	rBV4	1104	1201	0.01%	0.004%
73	11.648	3204	3206	3210	rVB2	507	368	0.00%	0.001%
74	11.684	3214	3217	3219	rBV	571	289	0.00%	0.001%
75	11.761	3238	3241	3248	rVB3	979	831	0.01%	0.003%
76	11.822	3248	3260	3278	rBV	748773	1185496	8.86%	3.649%
77	11.906	3283	3286	3288	rVV2	964	713	0.01%	0.002%
78	11.928	3292	3293	3299	rVB4	807	397	0.00%	0.001%
79	11.996	3310	3314	3319	rVB	533	386	0.00%	0.001%
80	12.079	3329	3340	3356	rBV4	7002	15507	0.12%	0.048%
81	12.205	3364	3379	3397	rBV	1007137	1631865	12.20%	5.022%
82	12.407	3439	3442	3444	rBV	389	288	0.00%	0.001%
83	12.478	3460	3464	3466	rBV2	460	332	0.00%	0.001%
84	12.796	3558	3563	3573	rVB4	2526	3261	0.02%	0.010%
85	12.967	3609	3616	3626	rVB4	3738	5601	0.04%	0.017%
86	13.041	3637	3639	3645	rVB3	824	571	0.00%	0.002%
87	13.163	3673	3677	3678	rBV	513	333	0.00%	0.001%
88	13.198	3686	3688	3694	rBV3	352	403	0.00%	0.001%
89	13.330	3726	3729	3731	rBV2	445	296	0.00%	0.001%
90	13.388	3742	3747	3750	rBV3	516	460	0.00%	0.001%
91	13.545	3792	3796	3801	rVB2	1152	1208	0.01%	0.004%
92	13.584	3805	3808	3810	rBV	442	303	0.00%	0.001%
93	13.632	3820	3823	3828	rBV3	543	556	0.00%	0.002%
94	13.761	3858	3863	3866	rBV5	1953	1907	0.01%	0.006%
95	13.854	3889	3892	3893	rBV2	845	412	0.00%	0.001%
96	13.867	3893	3896	3901	rVB4	1764	1535	0.01%	0.005%
97	13.986	3930	3933	3940	rBV3	690	774	0.01%	0.002%
98	14.079	3960	3962	3965	rVB	646	345	0.00%	0.001%
99	14.111	3965	3972	3982	rBV4	3288	5961	0.04%	0.018%
100	14.359	4047	4049	4055	rVB3	1695	1224	0.01%	0.004%

Sum of corrected areas: 32491394

LSC Report - Integrated Chromatogram

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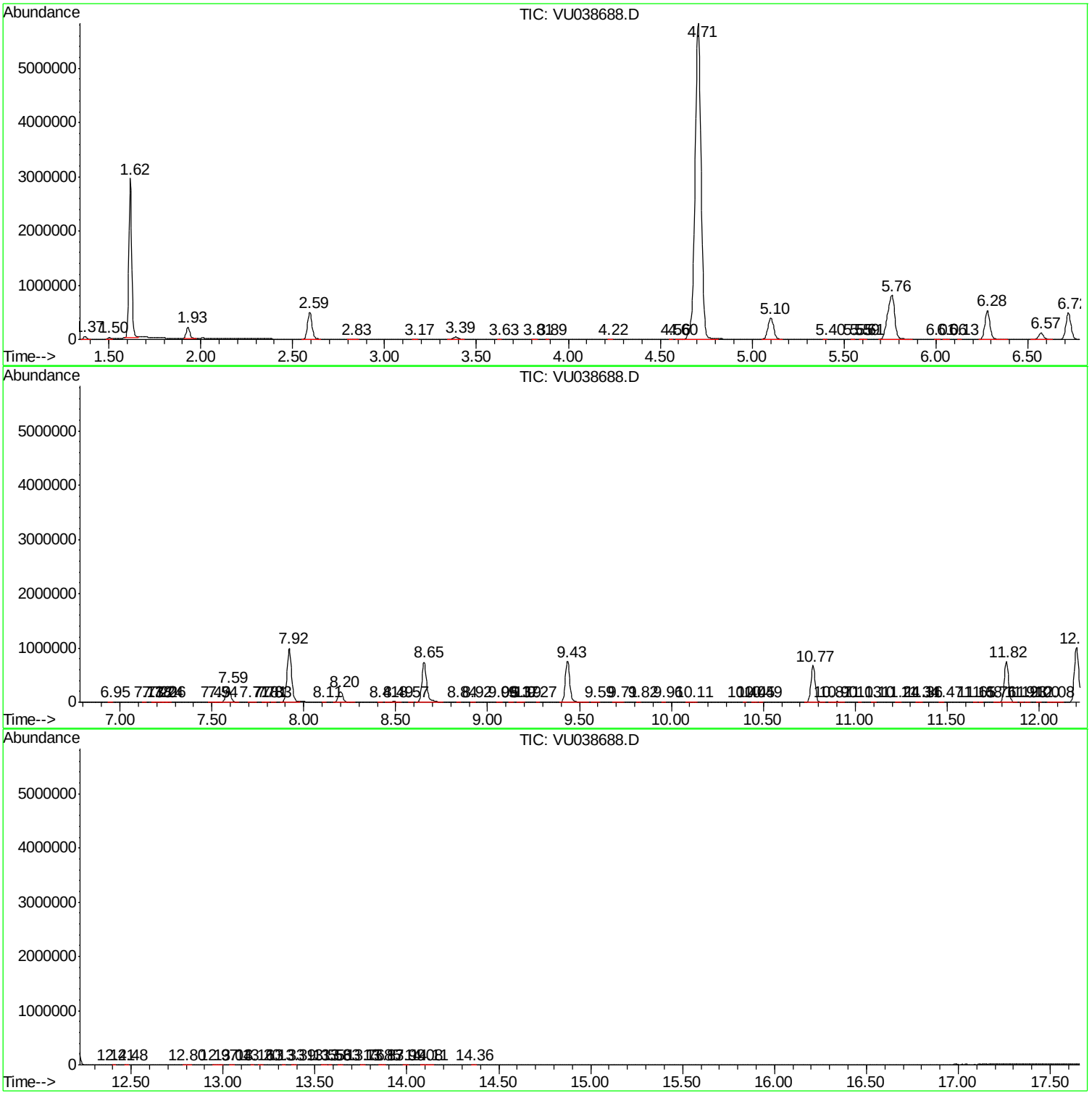
Sample : L2896-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0H9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.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\VU060920\
Data File : VU038688.D
Acq On : 08 Jun 2020 23:38
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Instrument : MSVOA_U
ClientSampleId : EW0H9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

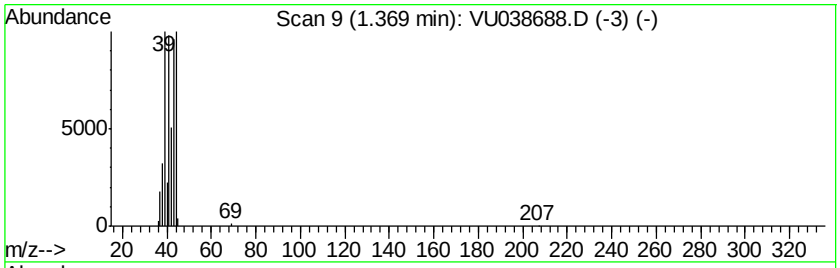
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

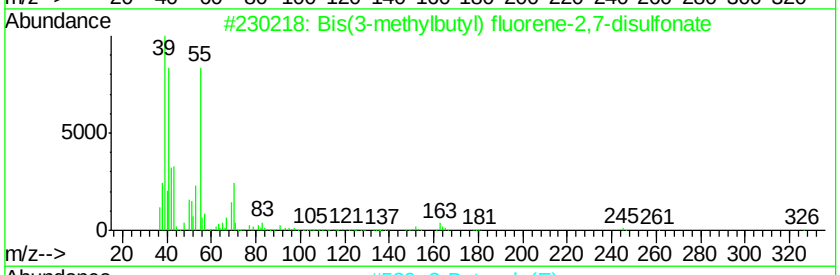
****

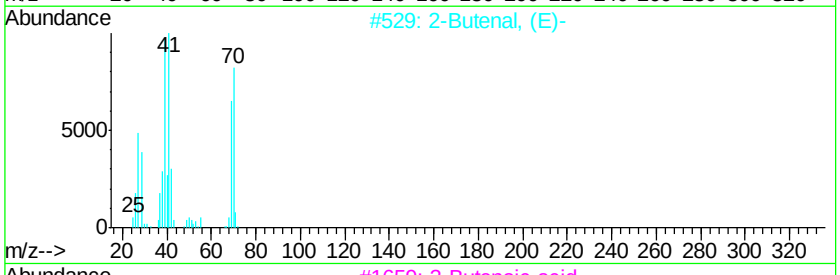
Peak Number 1 Bis(3-methylbutyl) fluorene... Concentration Rank 2

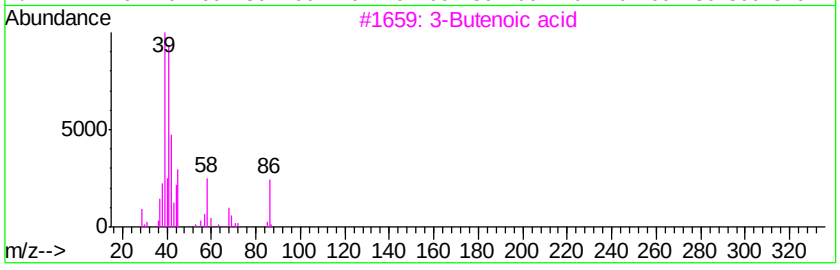
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	2.72 ug/L	56175	1,4-Difluorobenzene	6.28

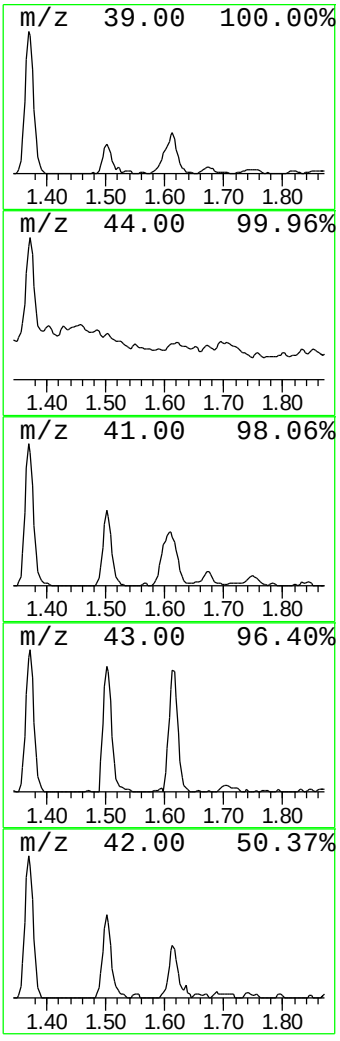
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	64
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	64
3	3-Butenoic acid	86	C4H6O2	000625-38-7	56
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	53
5	2-Nonynoic acid	154	C9H14O2	001846-70-4	45











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
Bis(3-methylbutyl...	1.37	2.7	ug/L	56175	1	6.28	1033440	50.0