LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\
Data File : VV010300.D
Acq On : 12 Apr 2019 22:00
Operator : SY/MD
Sample : K2352-02
Misc : 4.71G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB743

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_V\METHOD\SOM2VLM041019S.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	1.116	4	8	19	rVB	19401	18859	2.58%	0.320%
2	1.319	66	71	83	rVB	61929	67118	9.18%	1.139%
3	1.556	141	145	153	rVB	63226	58886	8.05%	0.999%
4	2.116	310	319	330	rBV	183383	255059	34.89%	4.329%
5	2.273	366	368	371	rBV2	543	290	0.04%	0.005%
6	2.531	439	448	461	rVB2	29927	49596	6.78%	0.842%
7	2.695	496	499	500	rBV2	524	254	0.03%	0.004%
8	2.762	518	520	523	rBV	379	210	0.03%	0.004%
9	2.849	543	547	548	rBV3	651	409	0.06%	0.007%
10	2.891	556	560	563	rBV3	335	327	0.04%	0.006%
11	2.936	572	574	578	rBV2	307	148	0.02%	0.003%
12	3.064	604	614	626	rBV3	5848	11551	1.58%	0.196%
13	3.254	670	673	675	rBV	492	300	0.04%	0.005%
14	3.344	698	701	704	rBV	309	204	0.03%	0.003%
15	3.434	727	729	733	rVB2	541	275	0.04%	0.005%
16	3.495	744	748	753	rBV4	588	592	0.08%	0.010%
17	3.518	753	755	756	rBV2	319	146	0.02%	0.002%
18	3.601	778	781	783	rVB	398	169	0.02%	0.003%
19	3.614	783	785	786	rBV	367	178	0.02%	0.003%
20	3.749	824	827	828	rBV2	763	463	0.06%	0.008%
21	3.843	854	856	859	rBV	381	164	0.02%	0.003%
22	3.897	871	873	874	rBV	598	187	0.03%	0.003%
23	3.933	874	884	904	rBV2	25367	67596	9.25%	1.147%
24	4.167	954	957	959	rBV2	656	383	0.05%	0.007%
25	4.396	1012	1028	1053	rBV2	119476	307850	42.11%	5.225%
26	4.679	1113	1116	1117	rBV	386	168	0.02%	0.003%
27	4.881	1177	1179	1181	rBV2	418	256	0.04%	0.004%
28	4.958	1200	1203	1205	rVB2	454	248	0.03%	0.004%
29	5.013	1217	1220	1222	rBV2	292	181	0.02%	0.003%
30	5.090	1223	1244	1269	rBV2	273307	683263	93.46%	11.597%
31	5.309	1310	1312	1315	rVB2	894	378	0.05%	0.006%
32	5.376	1330	1333	1334	rBV	497	243	0.03%	0.004%
33	5.408	1340	1343	1346	rVB2	389	258	0.04%	0.004%
34	5.515	1372	1376	1379	rBV2	826	609	0.08%	0.010%

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Title : VOC Analysis

35	5.531	1379	1381	1383	rVB2	774	361	0.05%	0.006%
36	5.563	1389	1391	1395	rVB2	768	366	0.05%	0.006%
37	5.585	1395	1398	1399	rBV	295	201	0.03%	0.003%
38	5.659	1408	1421	1440	rBV	287799	568516	77.77%	9.649%
39	5.878	1487	1489	1494	rBV2	682	577	0.08%	0.010%
40	5.942	1500	1509	1513	rBV6	3512	4950	0.68%	0.084%
41	6.010	1520	1530	1547	rBV4	32301	83059	11.36%	1.410%
42	6.113	1552	1562	1588	rVB2	166863	339214	46.40%	5.757%
43	6.431	1658	1661	1663	rBV2	610	397	0.05%	0.007%
44	6.569	1702	1704	1706	rVB2	740	214	0.03%	0.004%
45	6.637	1721	1725	1727	rBV3	972	733	0.10%	0.012%
46	6.701	1739	1745	1754	rBV3	2729	4523	0.62%	0.077%
47	6.794	1771	1774	1775	rBV3	648	313	0.04%	0.005%
48	6.852	1789	1792	1794	rBV2	410	282	0.04%	0.005%
49	6.907	1806	1809	1812	rVB2	653	380	0.05%	0.006%
50	6.929	1812	1816	1822	rBV	569	760	0.10%	0.013%
51	7.026	1836	1846	1864	rBV3	79911	141301	19.33%	2.398%
52	7.286	1922	1927	1929	rBV2	933	708	0.10%	0.012%
53	7.357	1937	1949	1969	rBV	316050	556261	76.09%	9.441%
54	7.662	2034	2044	2059	rVB2	52220	88624	12.12%	1.504%
55	7.810	2087	2090	2094	rBV2	482	428	0.06%	0.007%
56	7.842	2094	2100	2103	rBV5	767	925	0.13%	0.016%
57	7.926	2123	2126	2128	rBV3	663	439	0.06%	0.007%
58	8.019	2153	2155	2159	rVB2	1375	658	0.09%	0.011%
59	8.071	2168	2171	2172	rBV2	350	175	0.02%	0.003%
60	8.135	2177	2191	2210	rBV	95438	177872	24.33%	3.019%
61	8.717	2369	2372	2377	rBV3	755	713	0.10%	0.012%
62	8.894	2415	2427	2444	rBV	453171	731050	100.00%	12.408%
63	9.858	2723	2727	2728	rBV3	787	517	0.07%	0.009%
64	9.926	2745	2748	2749	rBV2	592	384	0.05%	0.007%
65	10.006	2770	2773	2775	rBV	345	188	0.03%	0.003%
66	10.077	2791	2795	2799	rVB5	631	461	0.06%	0.008%
67	10.103	2801	2803	2806	rBV2	398	307	0.04%	0.005%
68	10.173	2823	2825	2829	rVB4	545	313	0.04%	0.005%
69	10.193	2829	2831	2836	rVB2	474	277	0.04%	0.005%
70	10.260	2840	2852	2869	rBV	180668	287423	39.32%	4.878%
71	10.341	2874	2877	2879	rVB2	990	410	0.06%	0.007%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Title : VOC Analysis

72	10.421	2892	2902	2914	rBV2	8974	14542	1.99%	0.247%
73	10.527	2931	2935	2937	rBV	439	322	0.04%	0.005%
74	10.620	2959	2964	2969	rVB4	1503	1554	0.21%	0.026%
75	10.907	3051	3053	3056	rBV2	548	286	0.04%	0.005%
76	10.923	3056	3058	3060	rBV	601	322	0.04%	0.005%
77	11.042	3091	3095	3098	rBV4	619	523	0.07%	0.009%
78	11.093	3109	3111	3114	rBV2	473	311	0.04%	0.005%
79	11.193	3134	3142	3146	rBV5	1276	1824	0.25%	0.031%
80	11.218	3149	3150	3153	rBV2	555	265	0.04%	0.004%
81	11.296	3161	3174	3194	rBV	438112	724151	99.06%	12.291%
82	11.427	3214	3215	3218	rBV	726	455	0.06%	0.008%
83	11.456	3222	3224	3226	rBV	836	475	0.06%	0.008%
84	11.672	3278	3291	3312	rBV	373782	604089	82.63%	10.253%
85	11.826	3337	3339	3340	rBV	680	319	0.04%	0.005%
86	11.971	3382	3384	3389	rBV3	608	473	0.06%	0.008%
87	12.296	3477	3485	3494	rBV2	5908	8157	1.12%	0.138%
88	12.389	3508	3514	3521	rBV6	2161	2569	0.35%	0.044%
89	12.598	3577	3579	3582	rVB	571	239	0.03%	0.004%
90	12.659	3596	3598	3599	rBV	341	160	0.02%	0.003%
91	12.720	3615	3617	3621	rVB5	1189	729	0.10%	0.012%
92	13.080	3727	3729	3732	rBV2	373	208	0.03%	0.004%
93	13.279	3788	3791	3792	rBV	429	261	0.04%	0.004%
94	13.398	3826	3828	3834	rBV3	686	757	0.10%	0.013%
95	13.527	3865	3868	3872	rBV2	512	410	0.06%	0.007%
96	13.652	3905	3907	3909	rBV2	551	236	0.03%	0.004%
97	13.681	3913	3916	3919	rVV2	726	411	0.06%	0.007%
98	13.794	3943	3951	3960	rBV5	4392	6327	0.87%	0.107%
99	13.894	3980	3982	3984	rBV	392	235	0.03%	0.004%
100	13.968	4003	4005	4006	rBV	438	188	0.03%	0.003%

Sum of corrected areas: 5891896

LSC Report - Integrated Chromatogram

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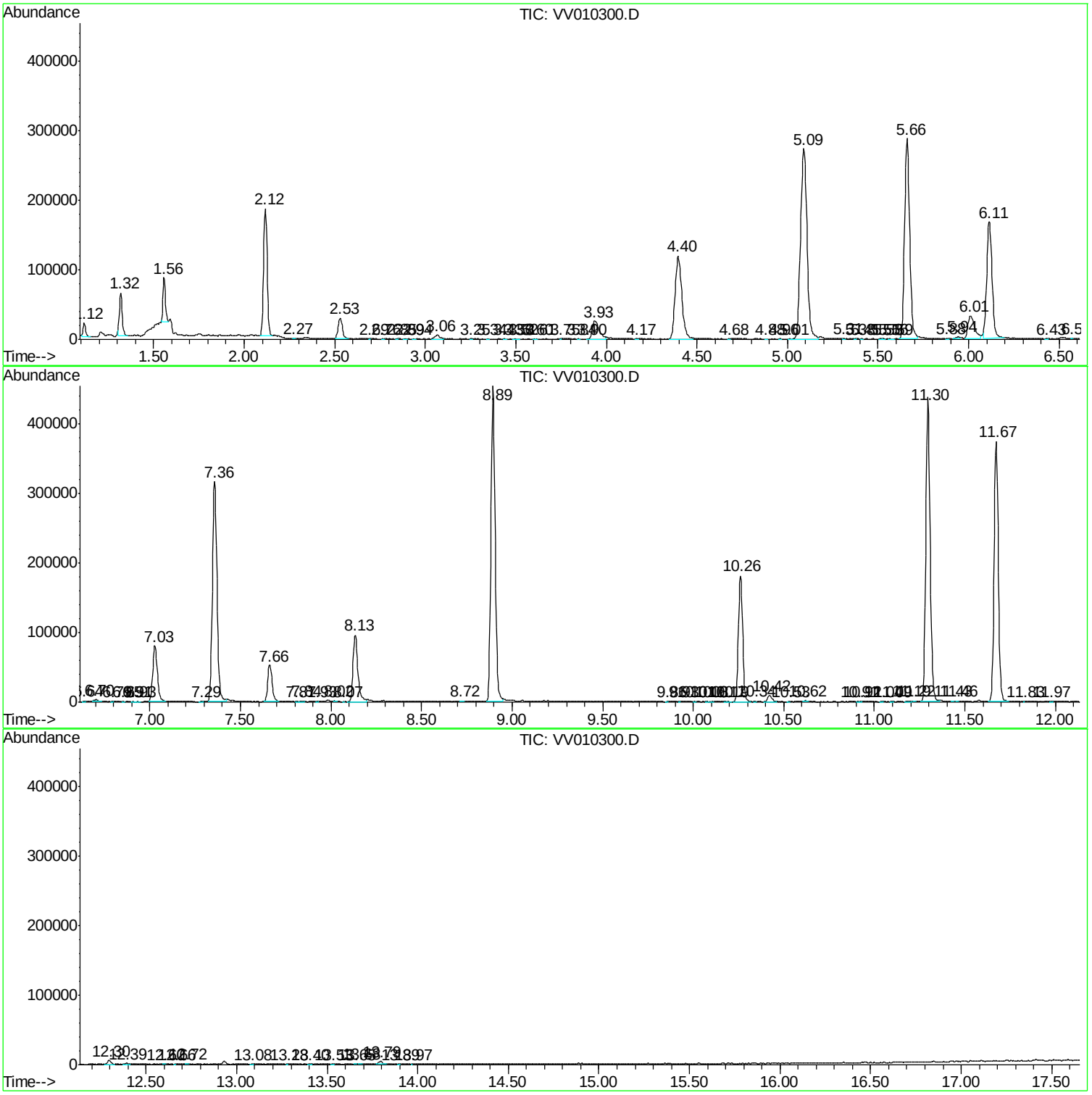
Instrument :
MSVOA_V
ClientSampleId :
DB743

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

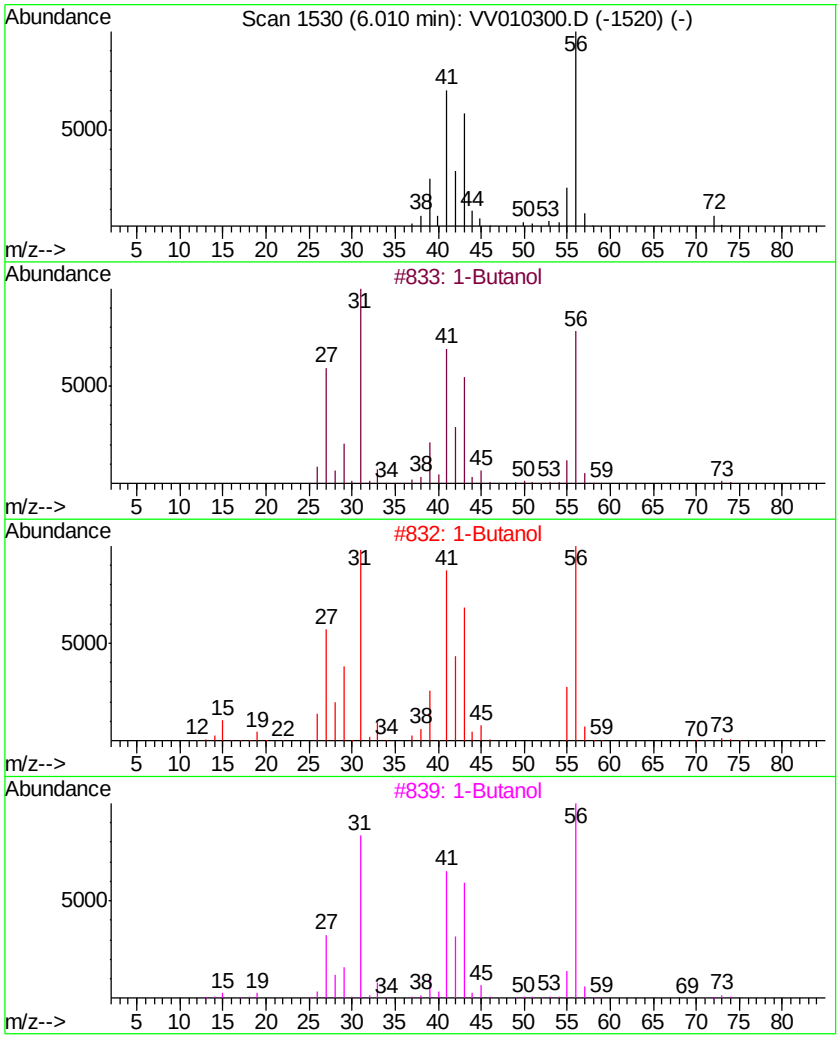
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

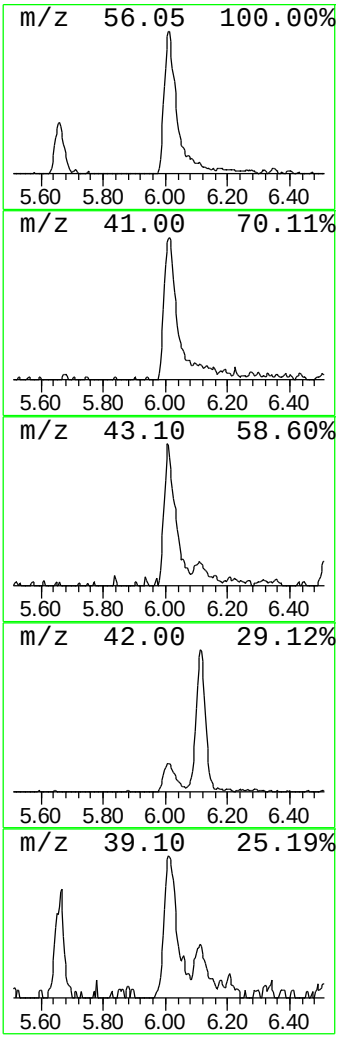
****

Peak Number 1 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	3.65 ug/L	83059	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	64
2	1-Butanol	74	C4H10O	000071-36-3	56
3	1-Butanol	74	C4H10O	000071-36-3	56
4	1-Butanol	74	C4H10O	000071-36-3	56
5	2-Butene, (Z)-	56	C4H8	000590-18-1	40





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butanol	6.01	3.6	ug/L	83059	1	5.66	568516	25.0