LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Data File : VU028939.D
Acq On : 24 Dec 2018 11:53
Operator : MD/SY
Sample : J6542-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F83

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\SOMULM122018WMA.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	1.399	63	70	79	rBV	117715	116874	13.39%	1.789%
2	1.665	146	153	171	rVB	91762	114960	13.17%	1.760%
3	2.270	330	341	353	rBV	200966	301460	34.54%	4.614%
4	2.546	424	427	429	rBV	219	126	0.01%	0.002%
5	2.617	446	449	453	rBV2	203	229	0.03%	0.004%
6	2.701	470	475	480	rVB3	941	1036	0.12%	0.016%
7	2.839	504	518	533	rVB2	8866	19183	2.20%	0.294%
8	2.897	533	536	539	rBV	182	115	0.01%	0.002%
9	2.977	558	561	566	rBV	149	150	0.02%	0.002%
10	3.061	583	587	592	rBV	164	174	0.02%	0.003%
11	3.099	597	599	601	rVB	173	75	0.01%	0.001%
12	3.347	674	676	678	rBV	143	66	0.01%	0.001%
13	3.482	715	718	722	rVB	181	136	0.02%	0.002%
14	3.505	722	725	728	rBV	143	121	0.01%	0.002%
15	3.546	736	738	741	rBV	113	79	0.01%	0.001%
16	3.585	747	750	755	rBV	144	115	0.01%	0.002%
17	3.691	780	783	786	rBV	115	69	0.01%	0.001%
18	3.768	803	807	810	rBV	127	135	0.02%	0.002%
19	3.987	863	875	902	rBV3	25830	66497	7.62%	1.018%
20	4.177	920	934	961	rBV	80449	226347	25.93%	3.465%
21	4.540	1044	1047	1052	rVB	102	90	0.01%	0.001%
22	4.582	1057	1060	1063	rBV	71	64	0.01%	0.001%
23	4.643	1063	1079	1106	rBV	142363	331148	37.94%	5.069%
24	4.752	1112	1113	1118	rVB2	269	148	0.02%	0.002%
25	4.781	1118	1122	1123	rBV	179	123	0.01%	0.002%
26	4.842	1136	1141	1143	rBV	180	154	0.02%	0.002%
27	4.890	1147	1156	1160	rBV3	506	802	0.09%	0.012%
28	4.935	1167	1170	1173	rBV	112	72	0.01%	0.001%
29	4.977	1178	1183	1186	rBV2	207	228	0.03%	0.003%
30	5.038	1199	1202	1207	rBV2	185	193	0.02%	0.003%
31	5.167	1240	1242	1244	rVV	202	113	0.01%	0.002%
32	5.231	1257	1262	1266	rBV	96	95	0.01%	0.001%
33	5.337	1271	1295	1319	rBV2	304982	872794	100.00%	13.359%
34	5.607	1377	1379	1383	rVB	155	74	0.01%	0.001%

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Sample : J6542-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F83

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\SOMULM122018WMA.M
Title : VOC Analysis

35	5.685	1401	1403	1406	rBV2	159	94	0.01%	0.001%
36	5.726	1413	1416	1419	rBV	119	69	0.01%	0.001%
37	5.746	1419	1422	1424	rBV2	122	89	0.01%	0.001%
38	5.823	1443	1446	1451	rVB2	205	135	0.02%	0.002%
39	5.884	1451	1465	1492	rBV	231788	458526	52.54%	7.018%
40	6.167	1551	1553	1557	rVB	284	134	0.02%	0.002%
41	6.212	1559	1567	1570	rBV	229	233	0.03%	0.004%
42	6.328	1589	1603	1622	rBV	194822	388808	44.55%	5.951%
43	6.453	1640	1642	1646	rBV	628	498	0.06%	0.008%
44	6.559	1673	1675	1679	rVB	189	86	0.01%	0.001%
45	6.617	1690	1693	1695	rBV	171	100	0.01%	0.002%
46	6.730	1725	1728	1730	rBV2	161	99	0.01%	0.002%
47	6.781	1738	1744	1746	rBV	126	131	0.02%	0.002%
48	6.865	1763	1770	1772	rBV	339	289	0.03%	0.004%
49	7.019	1815	1818	1820	rBV2	166	92	0.01%	0.001%
50	7.041	1823	1825	1831	rVB	221	124	0.01%	0.002%
51	7.067	1831	1833	1835	rBV2	232	81	0.01%	0.001%
52	7.099	1837	1843	1845	rBV	80	83	0.01%	0.001%
53	7.112	1845	1847	1849	rBV	130	71	0.01%	0.001%
54	7.157	1858	1861	1865	rBV	93	64	0.01%	0.001%
55	7.225	1869	1882	1908	rVV	118301	209058	23.95%	3.200%
56	7.376	1925	1929	1931	rBV	193	149	0.02%	0.002%
57	7.472	1955	1959	1963	rBV2	291	227	0.03%	0.003%
58	7.517	1970	1973	1974	rBV	197	92	0.01%	0.001%
59	7.562	1974	1987	2019	rBV	409871	727930	83.40%	11.142%
60	7.848	2062	2076	2098	rBV	80309	135836	15.56%	2.079%
61	7.971	2113	2114	2117	rBV	201	141	0.02%	0.002%
62	8.025	2127	2131	2133	rBV	345	171	0.02%	0.003%
63	8.064	2140	2143	2145	rBV2	131	88	0.01%	0.001%
64	8.099	2151	2154	2157	rVB2	220	148	0.02%	0.002%
65	8.176	2169	2178	2191	rVB3	1812	3188	0.37%	0.049%
66	8.308	2208	2219	2252	rBV	272987	471823	54.06%	7.222%
67	8.546	2290	2293	2294	rBV	178	108	0.01%	0.002%
68	8.623	2316	2317	2320	rBV2	123	82	0.01%	0.001%
69	8.665	2326	2330	2333	rBV	271	240	0.03%	0.004%
70	8.713	2341	2345	2348	rVB2	212	163	0.02%	0.002%
71	8.736	2350	2352	2355	rVB	160	70	0.01%	0.001%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : F9F83

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 >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

72	8.755	2355	2358	2359	rBV	186	113	0.01%	0.002%
73	8.787	2365	2368	2373	rVB	168	114	0.01%	0.002%
74	8.955	2417	2420	2422	rBV2	129	83	0.01%	0.001%
75	9.028	2440	2443	2444	rBV	196	121	0.01%	0.002%
76	9.090	2449	2462	2492	rBV	323485	546326	62.60%	8.362%
77	9.292	2521	2525	2529	rBV3	242	219	0.03%	0.003%
78	9.321	2533	2534	2538	rBV	241	148	0.02%	0.002%
79	9.379	2547	2552	2560	rVB3	764	1174	0.13%	0.018%
80	9.466	2577	2579	2588	rVV2	206	234	0.03%	0.004%
81	9.553	2601	2606	2609	rBV	116	121	0.01%	0.002%
82	9.630	2627	2630	2632	rBV	130	86	0.01%	0.001%
83	9.774	2673	2675	2676	rBV	376	148	0.02%	0.002%
84	9.826	2689	2691	2693	rBV	158	68	0.01%	0.001%
85	10.025	2747	2753	2756	rBV2	204	196	0.02%	0.003%
86	10.044	2757	2759	2762	rVB	212	97	0.01%	0.001%
87	10.228	2815	2816	2817	rBV	219	68	0.01%	0.001%
88	10.260	2823	2826	2833	rBV2	248	257	0.03%	0.004%
89	10.305	2838	2840	2846	rVB	193	130	0.01%	0.002%
90	10.430	2867	2879	2897	rBV	288979	450820	51.65%	6.900%
91	10.536	2910	2912	2915	rVB2	188	109	0.01%	0.002%
92	10.607	2927	2934	2940	rVB3	1761	2188	0.25%	0.033%
93	10.717	2965	2968	2970	rBV	164	99	0.01%	0.002%
94	10.781	2985	2988	2989	rBV	148	67	0.01%	0.001%
95	10.835	3002	3005	3009	rBV	213	158	0.02%	0.002%
96	11.016	3057	3061	3064	rBV2	288	218	0.02%	0.003%
97	11.077	3077	3080	3083	rBV	182	92	0.01%	0.001%
98	11.109	3083	3090	3092	rBV2	433	602	0.07%	0.009%
99	11.482	3195	3206	3225	rBV	302263	475711	54.50%	7.281%
100	11.858	3310	3323	3344	rBV	369762	600036	68.75%	9.184%

Sum of corrected areas: 6533168

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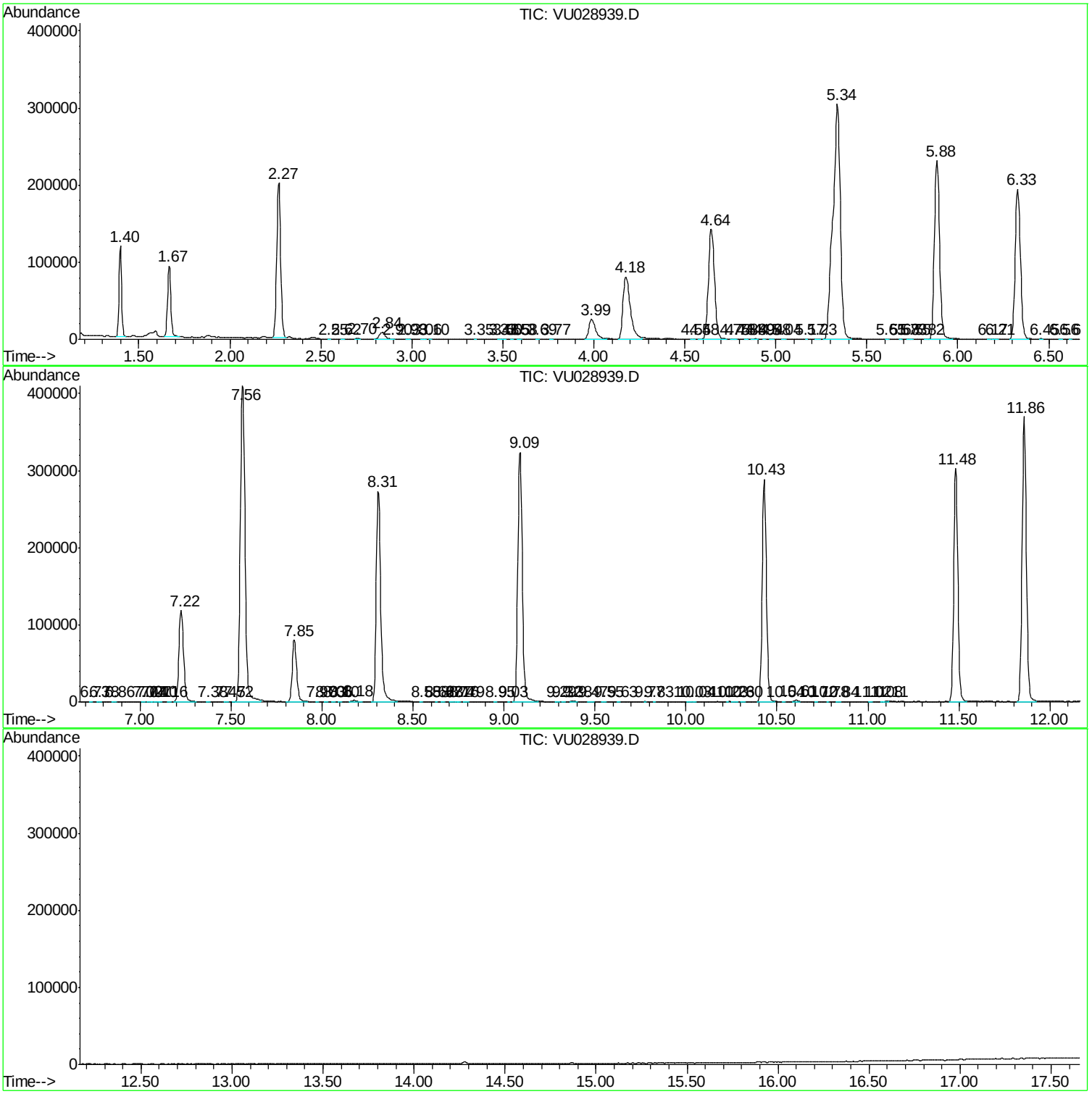
MSVOA_U
ClientSampleId :
F9F83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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\VU122418\
Data File : VU028939.D
Acq On : 24 Dec 2018 11:53
Operator : MD/SY
Sample : J6542-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

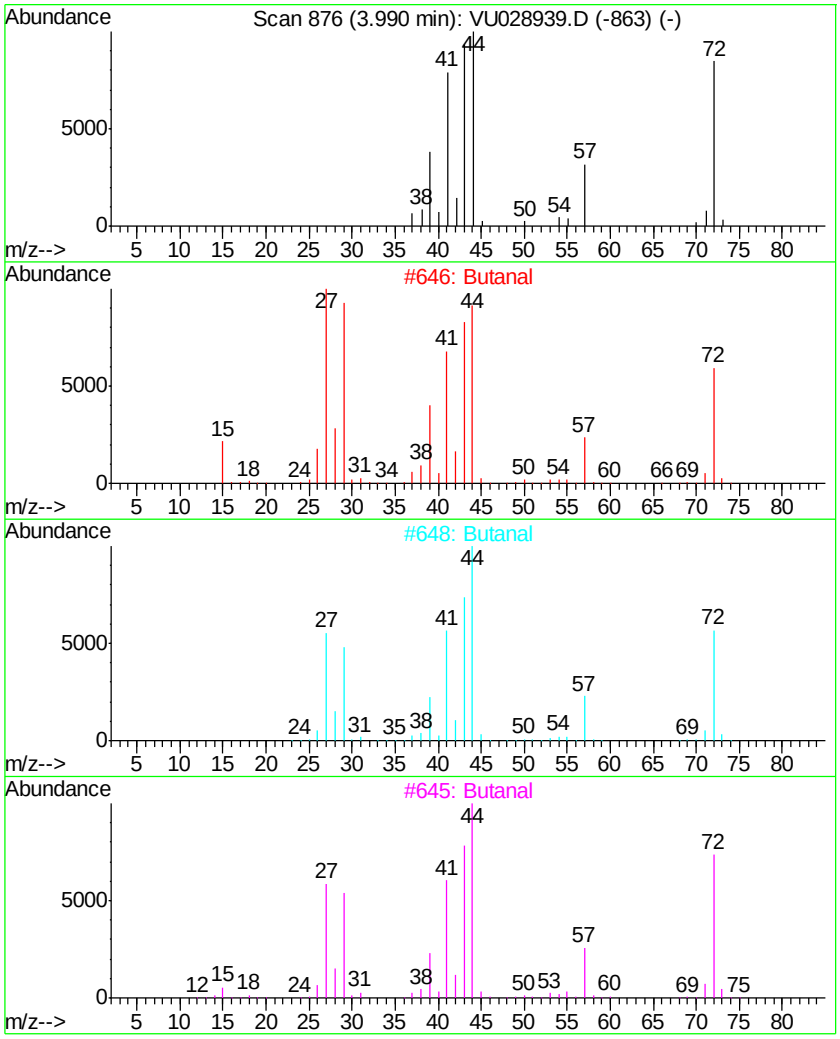
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

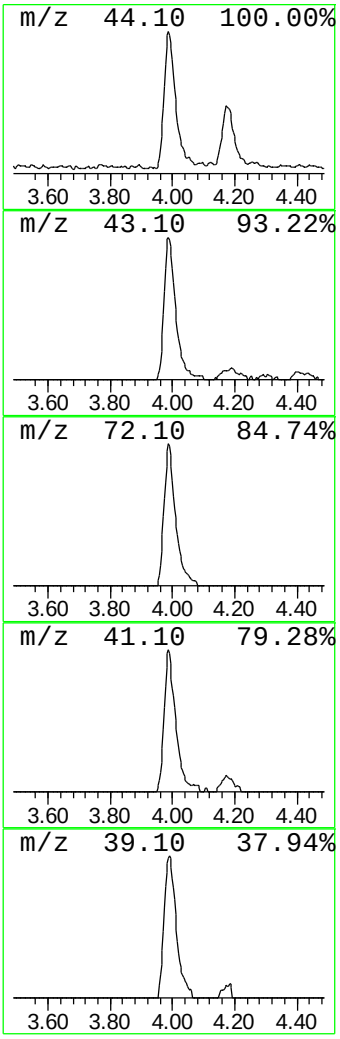
****

Peak Number 1 Butanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	7.25 ug/L	66497	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	90
4	Butanal	72	C4H8O	000123-72-8	64
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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
Butanal	3.99	7.3	ug/L	66497	1	5.88	458526	50.0