LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Data File : VU028949.D
Acq On : 24 Dec 2018 15:54
Operator : MD/SY
Sample : J6542-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F88

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	1.398	63	70	82	rBV	126484	124291	13.09%	1.672%
2	1.668	147	154	174	rVB	98695	125238	13.19%	1.685%
3	2.270	330	341	354	rBV	207630	320145	33.71%	4.307%
4	2.447	387	396	411	rBV	4394	8891	0.94%	0.120%
5	2.617	446	449	451	rBV2	252	211	0.02%	0.003%
6	2.697	471	474	476	rBV2	331	214	0.02%	0.003%
7	2.836	505	517	532	rVB2	3004	6336	0.67%	0.085%
8	2.996	566	567	570	rVV	200	85	0.01%	0.001%
9	3.125	603	607	610	rBV	125	97	0.01%	0.001%
10	3.196	626	629	632	rBV	210	127	0.01%	0.002%
11	3.453	704	709	713	rVV	114	133	0.01%	0.002%
12	3.472	713	715	717	rVV	166	96	0.01%	0.001%
13	3.482	717	718	722	rVB	236	112	0.01%	0.002%
14	3.562	740	743	746	rVV	195	118	0.01%	0.002%
15	3.588	748	751	757	rBV	93	92	0.01%	0.001%
16	3.881	838	842	847	rVB	84	86	0.01%	0.001%
17	3.929	852	857	862	rBV2	201	197	0.02%	0.003%
18	3.990	863	876	898	rBV3	19208	50009	5.27%	0.673%
19	4.125	915	918	919	rBV2	168	101	0.01%	0.001%
20	4.176	920	934	964	rBV	83920	229043	24.12%	3.081%
21	4.430	1010	1013	1017	rVB2	305	216	0.02%	0.003%
22	4.482	1026	1029	1033	rVB	294	213	0.02%	0.003%
23	4.533	1042	1045	1050	rVB	123	110	0.01%	0.001%
24	4.565	1050	1055	1057	rBV	212	217	0.02%	0.003%
25	4.646	1063	1080	1103	rBV	150476	353865	37.26%	4.761%
26	4.755	1112	1114	1117	rVB2	444	224	0.02%	0.003%
27	4.790	1122	1125	1129	rVB	148	83	0.01%	0.001%
28	4.884	1147	1154	1161	rVB3	391	740	0.08%	0.010%
29	4.983	1178	1185	1188	rBV	223	314	0.03%	0.004%
30	5.022	1195	1197	1201	rVB	267	140	0.01%	0.002%
31	5.048	1201	1205	1208	rBV	119	94	0.01%	0.001%
32	5.067	1208	1211	1213	rVV	174	84	0.01%	0.001%
33	5.086	1215	1217	1220	rVB2	174	106	0.01%	0.001%
34	5.337	1271	1295	1327	rBV2	332352	949744	100.00%	12.778%

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Operator : MD/SY
Sample : J6542-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F88

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	5.620	1377	1383	1384	rBV	171	116	0.01%	0.002%
36	5.639	1387	1389	1393	rVV	256	116	0.01%	0.002%
37	5.662	1393	1396	1399	rVV	270	144	0.02%	0.002%
38	5.745	1418	1422	1425	rVB2	251	181	0.02%	0.002%
39	5.774	1430	1431	1435	rVB	177	121	0.01%	0.002%
40	5.884	1450	1465	1483	rBV	290322	565560	59.55%	7.609%
41	6.099	1530	1532	1534	rBV	264	148	0.02%	0.002%
42	6.151	1546	1548	1552	rVB	168	106	0.01%	0.001%
43	6.176	1552	1556	1558	rVB	129	97	0.01%	0.001%
44	6.208	1562	1566	1568	rBV2	225	155	0.02%	0.002%
45	6.257	1579	1581	1583	rBV	152	84	0.01%	0.001%
46	6.331	1588	1604	1627	rBV	212958	424839	44.73%	5.716%
47	6.450	1639	1641	1642	rBV	284	141	0.01%	0.002%
48	6.501	1654	1657	1660	rBV	108	87	0.01%	0.001%
49	6.552	1668	1673	1675	rBV	85	84	0.01%	0.001%
50	6.562	1675	1676	1680	rVB	154	107	0.01%	0.001%
51	6.604	1687	1689	1692	rVB	181	96	0.01%	0.001%
52	6.694	1714	1717	1720	rBV	219	153	0.02%	0.002%
53	6.749	1730	1734	1737	rVB2	224	167	0.02%	0.002%
54	6.823	1751	1757	1760	rBV	80	85	0.01%	0.001%
55	6.929	1787	1790	1792	rBV	171	92	0.01%	0.001%
56	6.951	1792	1797	1801	rVB3	270	224	0.02%	0.003%
57	6.974	1801	1804	1806	rBV	121	93	0.01%	0.001%
58	7.012	1813	1816	1822	rVB	114	83	0.01%	0.001%
59	7.070	1831	1834	1838	rVB2	220	171	0.02%	0.002%
60	7.167	1858	1864	1867	rBV2	240	265	0.03%	0.004%
61	7.224	1870	1882	1902	rBV	130527	228150	24.02%	3.069%
62	7.382	1928	1931	1935	rBV3	219	136	0.01%	0.002%
63	7.405	1936	1938	1940	rBV2	320	187	0.02%	0.003%
64	7.495	1961	1966	1967	rBV2	201	140	0.01%	0.002%
65	7.562	1974	1987	2005	rBV	458346	802718	84.52%	10.800%
66	7.848	2064	2076	2095	rBV	87924	149588	15.75%	2.013%
67	7.999	2119	2123	2124	rBV	284	177	0.02%	0.002%
68	8.093	2148	2152	2153	rVB2	222	128	0.01%	0.002%
69	8.112	2153	2158	2159	rBV2	362	272	0.03%	0.004%
70	8.176	2167	2178	2190	rBV	9803	16775	1.77%	0.226%
71	8.266	2202	2206	2207	rBV	150	96	0.01%	0.001%

LSC Area Percent Report

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Acq On : 24 Dec 2018 15:54
Operator : MD/SY
Sample : J6542-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F88

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

72	8.308	2207	2219	2252	rBV	308353	522928	55.06%	7.035%
73	8.536	2288	2290	2292	rBV	409	207	0.02%	0.003%
74	8.572	2298	2301	2302	rBV	263	143	0.02%	0.002%
75	8.604	2309	2311	2312	rBV	255	107	0.01%	0.001%
76	8.662	2324	2329	2331	rBV2	239	200	0.02%	0.003%
77	8.704	2340	2342	2345	rVB	433	160	0.02%	0.002%
78	8.742	2351	2354	2356	rBV	459	224	0.02%	0.003%
79	8.797	2369	2371	2374	rBV2	160	93	0.01%	0.001%
80	8.832	2378	2382	2387	rVB2	267	281	0.03%	0.004%
81	8.993	2429	2432	2436	rBV	290	220	0.02%	0.003%
82	9.089	2449	2462	2494	rBV	403737	686200	72.25%	9.232%
83	9.289	2522	2524	2526	rBV	163	112	0.01%	0.002%
84	9.327	2534	2536	2539	rVB2	405	130	0.01%	0.002%
85	9.363	2542	2547	2548	rBV2	447	384	0.04%	0.005%
86	9.372	2548	2550	2554	rBV3	479	312	0.03%	0.004%
87	9.694	2648	2650	2651	rBV	215	118	0.01%	0.002%
88	9.755	2665	2669	2670	rBV	189	93	0.01%	0.001%
89	9.768	2670	2673	2676	rBV	449	354	0.04%	0.005%
90	9.829	2690	2692	2697	rVB2	330	212	0.02%	0.003%
91	9.871	2703	2705	2709	rBV2	235	203	0.02%	0.003%
92	10.022	2748	2752	2754	rBV	394	273	0.03%	0.004%
93	10.070	2764	2767	2768	rBV2	262	157	0.02%	0.002%
94	10.141	2787	2789	2793	rBV	328	148	0.02%	0.002%
95	10.199	2805	2807	2809	rBV	514	235	0.02%	0.003%
96	10.337	2849	2850	2853	rBV2	362	233	0.02%	0.003%
97	10.430	2866	2879	2896	rBV	310718	491168	51.72%	6.608%
98	10.604	2925	2933	2945	rVB	11495	18429	1.94%	0.248%
99	11.482	3195	3206	3232	rVB	407823	640054	67.39%	8.611%
100	11.858	3311	3323	3345	rBV	443009	705881	74.32%	9.497%

Sum of corrected areas: 7432913

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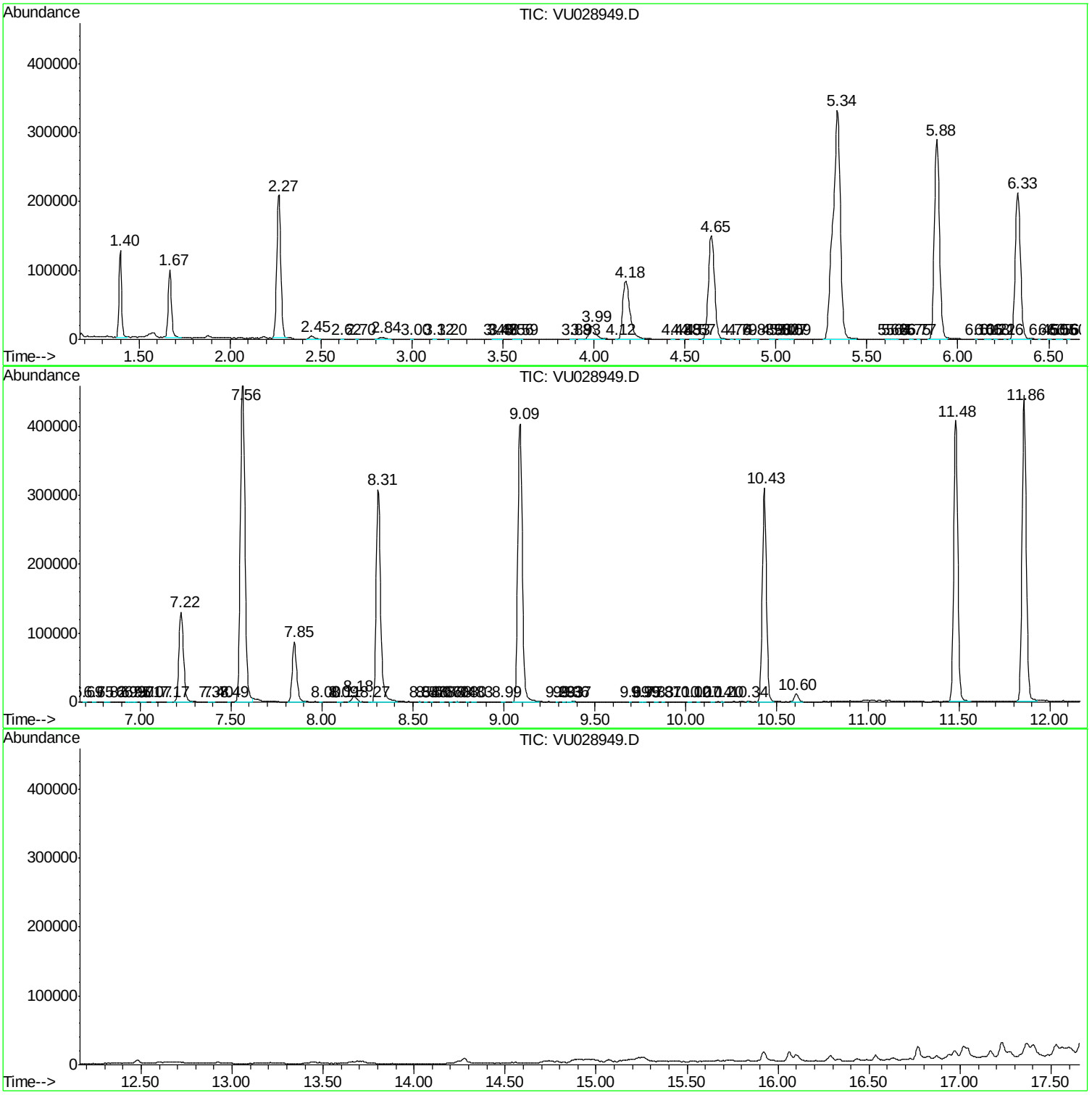
MSVOA_U
ClientSampleId :
F9F88

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 : VU028949.D
Acq On : 24 Dec 2018 15:54
Operator : MD/SY
Sample : J6542-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F88

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

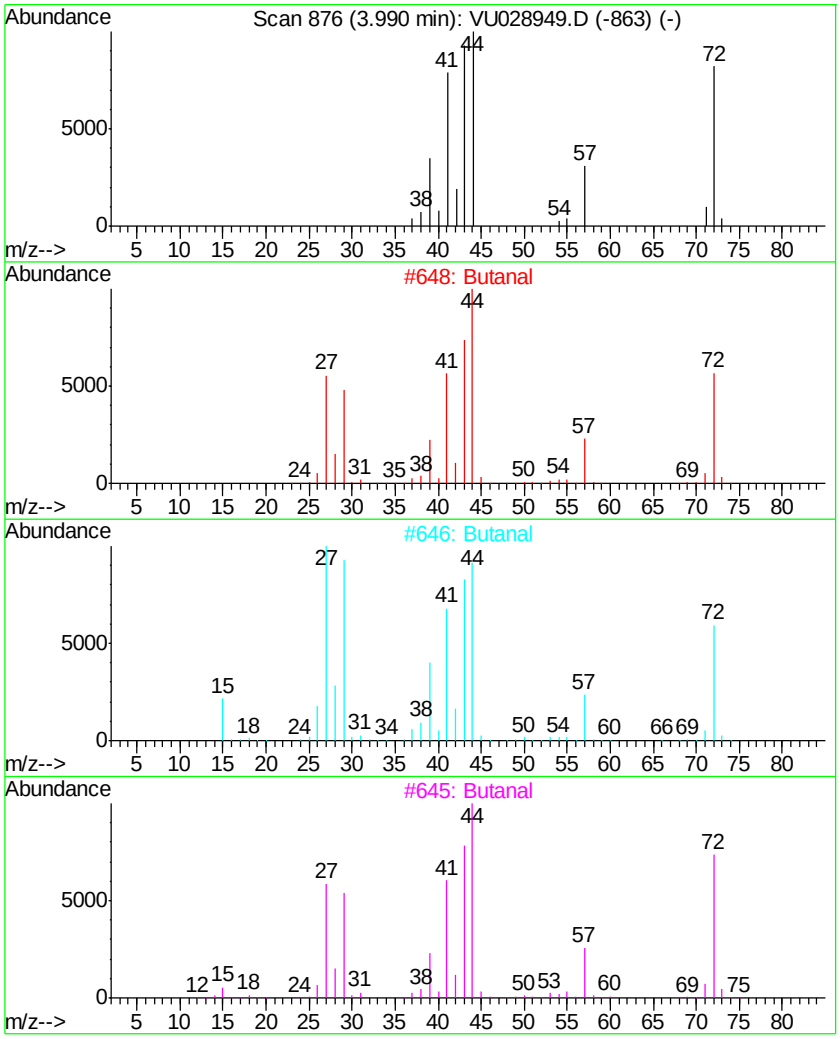
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

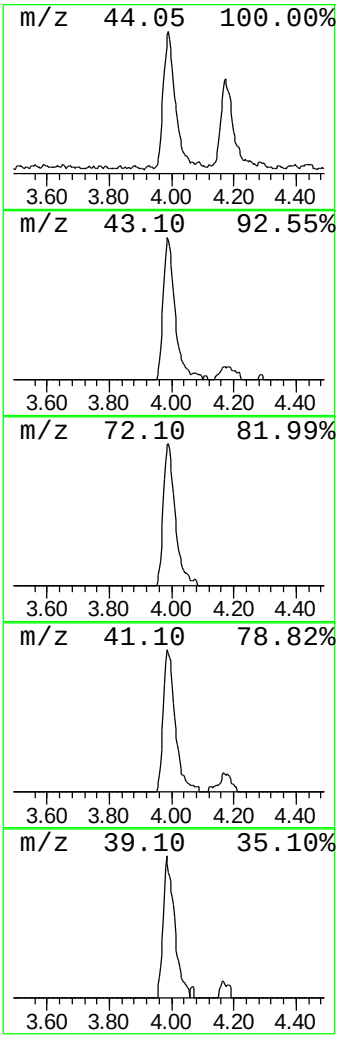
****

Peak Number 1 Butanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	4.42 ug/L	50009	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	91
4	Butanal	72	C4H8O	000123-72-8	91
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	64





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	4.4	ug/L	50009	1	5.88	565560	50.0