

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
 Data File : VU028950.D
 Acq On : 24 Dec 2018 16:18
 Operator : MD/SY
 Sample : J6542-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F89

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	123872	120926	13.19%	1.658%
2	1.665	145	153	165	rBV	98291	119459	13.03%	1.638%
3	2.267	329	340	354	rBV	206724	315582	34.42%	4.326%
4	2.386	373	377	384	rVB3	330	330	0.04%	0.005%
5	2.450	386	397	414	rBV	11648	22349	2.44%	0.306%
6	2.620	444	450	452	rBV2	232	264	0.03%	0.004%
7	2.701	471	475	477	rBV2	303	205	0.02%	0.003%
8	2.836	503	517	535	rBV	7470	15826	1.73%	0.217%
9	3.067	586	589	596	rVB	160	174	0.02%	0.002%
10	3.170	615	621	629	rVB	203	257	0.03%	0.004%
11	3.649	767	770	778	rVB	153	172	0.02%	0.002%
12	3.694	778	784	788	rBV	114	135	0.01%	0.002%
13	3.990	864	876	898	rBV3	13110	34461	3.76%	0.472%
14	4.176	919	934	968	rBV	83612	237108	25.86%	3.251%
15	4.363	988	992	995	rBV3	314	267	0.03%	0.004%
16	4.508	1034	1037	1039	rBV	267	172	0.02%	0.002%
17	4.520	1039	1041	1045	rVB2	251	176	0.02%	0.002%
18	4.646	1061	1080	1104	rBV	146277	347642	37.92%	4.766%
19	4.877	1147	1152	1156	rVV2	467	520	0.06%	0.007%
20	4.897	1156	1158	1164	rVB	551	327	0.04%	0.004%
21	4.974	1179	1182	1187	rVB2	314	230	0.03%	0.003%
22	5.225	1257	1260	1264	rBB2	224	134	0.01%	0.002%
23	5.337	1271	1295	1326	rBV2	318971	916832	100.00%	12.569%
24	5.479	1338	1339	1342	rVV2	360	127	0.01%	0.002%
25	5.710	1408	1411	1414	rBV2	285	237	0.03%	0.003%
26	5.742	1418	1421	1424	rVB	235	142	0.02%	0.002%
27	5.884	1447	1465	1493	rBV	291211	567616	61.91%	7.781%
28	6.125	1539	1540	1544	rVB2	278	203	0.02%	0.003%
29	6.167	1550	1553	1558	rVB3	277	184	0.02%	0.003%
30	6.199	1558	1563	1565	rBV2	824	766	0.08%	0.011%
31	6.327	1589	1603	1626	rBV	203171	410213	44.74%	5.624%
32	6.453	1639	1642	1649	rBV3	293	330	0.04%	0.005%
33	6.533	1665	1667	1670	rVB2	248	144	0.02%	0.002%
34	6.575	1677	1680	1682	rBV2	343	195	0.02%	0.003%

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 Title : VOC Analysis

35	6.852	1762	1766	1771	rVV2	278	293	0.03%	0.004%
36	7.151	1856	1859	1862	rVB	236	157	0.02%	0.002%
37	7.225	1870	1882	1900	rBV	125436	218992	23.89%	3.002%
38	7.353	1920	1922	1927	rBV2	216	145	0.02%	0.002%
39	7.469	1955	1958	1962	rVB	240	190	0.02%	0.003%
40	7.562	1974	1987	2021	rBV	437697	779691	85.04%	10.689%
41	7.848	2062	2076	2096	rBV	85073	144246	15.73%	1.977%
42	7.961	2108	2111	2113	rBV	168	143	0.02%	0.002%
43	8.176	2165	2178	2191	rBV	7653	13764	1.50%	0.189%
44	8.266	2203	2206	2208	rBV	240	147	0.02%	0.002%
45	8.308	2208	2219	2249	rBV	294907	501542	54.70%	6.876%
46	8.520	2283	2285	2287	rBV2	193	127	0.01%	0.002%
47	8.559	2294	2297	2300	rBV3	339	272	0.03%	0.004%
48	8.691	2336	2338	2345	rVB2	208	182	0.02%	0.002%
49	8.781	2362	2366	2368	rBV	282	185	0.02%	0.003%
50	8.823	2374	2379	2383	rVB2	185	196	0.02%	0.003%
51	8.845	2383	2386	2387	rBV	302	150	0.02%	0.002%
52	8.874	2391	2395	2398	rBV2	232	140	0.02%	0.002%
53	8.938	2411	2415	2419	rBV	124	128	0.01%	0.002%
54	8.967	2419	2424	2428	rVB2	236	301	0.03%	0.004%
55	8.999	2428	2434	2437	rBV2	341	326	0.04%	0.004%
56	9.086	2449	2461	2497	rBV	399042	677067	73.85%	9.282%
57	9.244	2506	2510	2511	rBV2	371	251	0.03%	0.003%
58	9.282	2520	2522	2524	rVB	252	137	0.01%	0.002%
59	9.302	2524	2528	2531	rVB2	475	337	0.04%	0.005%
60	9.379	2546	2552	2556	rVV3	641	811	0.09%	0.011%
61	9.504	2586	2591	2595	rBV2	197	243	0.03%	0.003%
62	9.575	2610	2613	2616	rBV2	294	192	0.02%	0.003%
63	9.633	2628	2631	2635	rVB	329	162	0.02%	0.002%
64	9.723	2655	2659	2661	rBV	208	158	0.02%	0.002%
65	9.768	2670	2673	2675	rBV2	234	151	0.02%	0.002%
66	9.787	2677	2679	2687	rVV3	457	368	0.04%	0.005%
67	9.842	2690	2696	2699	rBV2	289	320	0.03%	0.004%
68	9.922	2719	2721	2727	rVB	218	137	0.01%	0.002%
69	9.954	2727	2731	2733	rBV	178	141	0.02%	0.002%
70	10.170	2790	2798	2806	rBV3	489	751	0.08%	0.010%
71	10.295	2836	2837	2843	rVB2	173	165	0.02%	0.002%

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 Title : VOC Analysis

72	10.324	2843	2846	2850	rVB2	342	236	0.03%	0.003%
73	10.353	2850	2855	2858	rBV2	263	320	0.03%	0.004%
74	10.430	2866	2879	2901	rBV	301413	475142	51.82%	6.514%
75	10.562	2914	2920	2922	rBV2	305	248	0.03%	0.003%
76	10.607	2922	2934	2948	rVV2	9057	14720	1.61%	0.202%
77	10.710	2962	2966	2970	rBV2	171	149	0.02%	0.002%
78	10.761	2980	2982	2987	rVB	352	248	0.03%	0.003%
79	10.797	2987	2993	2994	rBV2	360	347	0.04%	0.005%
80	10.826	2998	3002	3006	rBV3	411	439	0.05%	0.006%
81	10.893	3020	3023	3028	rBV3	428	442	0.05%	0.006%
82	11.253	3131	3135	3137	rBV3	242	174	0.02%	0.002%
83	11.292	3141	3147	3150	rBV2	438	458	0.05%	0.006%
84	11.376	3168	3173	3178	rBV2	397	414	0.05%	0.006%
85	11.482	3193	3206	3228	rBV	407149	638295	69.62%	8.750%
86	11.752	3286	3290	3296	rBV3	419	542	0.06%	0.007%
87	11.858	3310	3323	3343	rBV	425226	685015	74.72%	9.391%
88	12.064	3385	3387	3389	rBV	272	153	0.02%	0.002%
89	12.083	3390	3393	3395	rVB2	429	296	0.03%	0.004%
90	12.314	3463	3465	3468	rBV3	323	201	0.02%	0.003%
91	12.395	3487	3490	3492	rBV4	528	349	0.04%	0.005%
92	12.475	3509	3515	3528	rVB	3928	5672	0.62%	0.078%
93	13.527	3840	3842	3846	rVB3	705	449	0.05%	0.006%
94	13.552	3847	3850	3853	rBV2	565	420	0.05%	0.006%
95	13.919	3961	3964	3966	rBV3	660	402	0.04%	0.006%
96	13.996	3986	3988	3991	rVB2	440	245	0.03%	0.003%
97	14.157	4036	4038	4041	rBV2	486	368	0.04%	0.005%
98	14.469	4132	4135	4139	rVB2	583	352	0.04%	0.005%
99	14.710	4205	4210	4211	rBV3	1178	1042	0.11%	0.014%
100	16.063	4624	4631	4637	rBV3	7199	10897	1.19%	0.149%

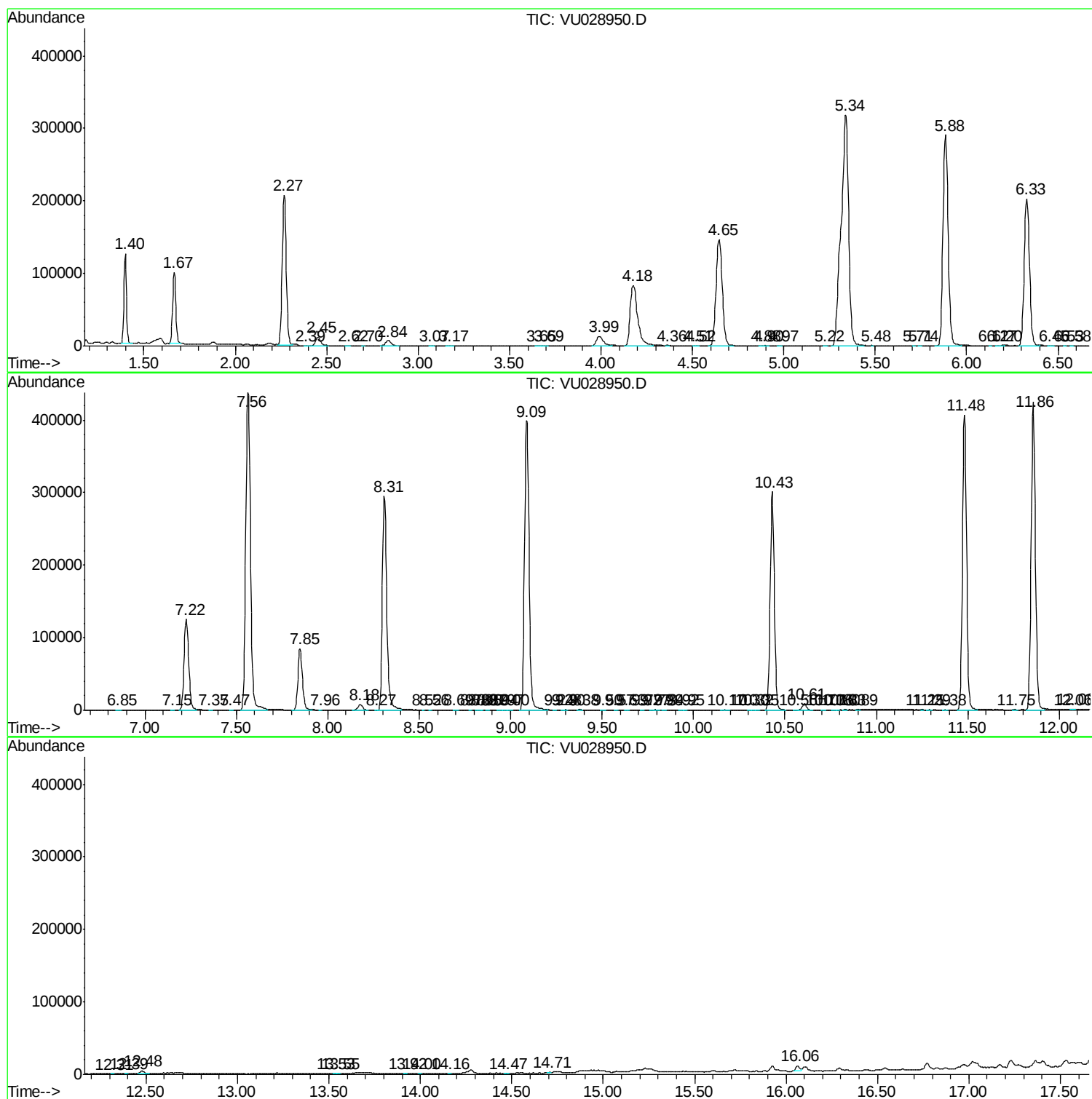
Sum of corrected areas: 7294448

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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



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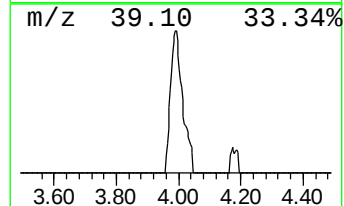
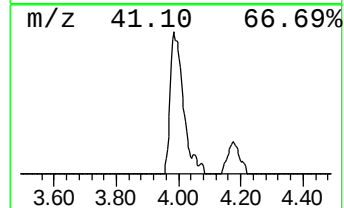
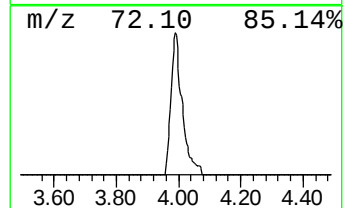
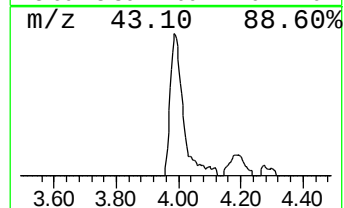
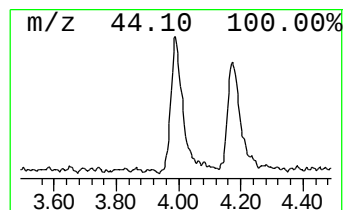
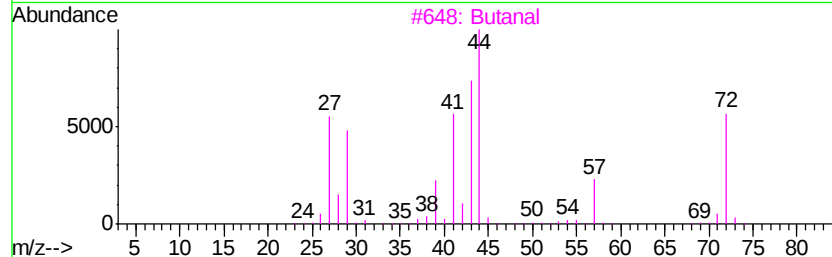
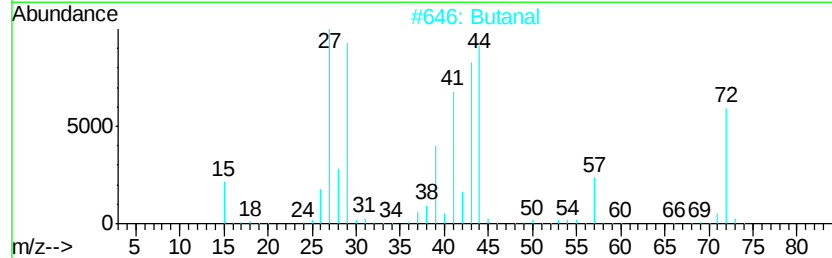
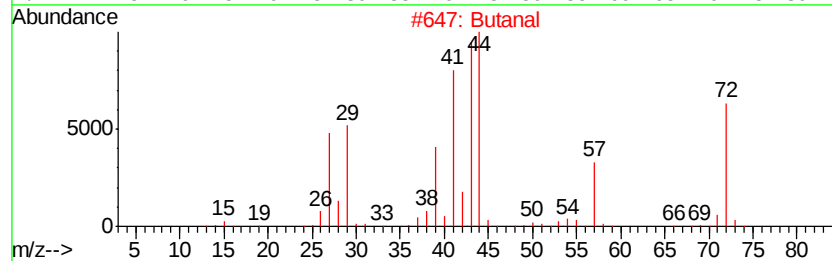
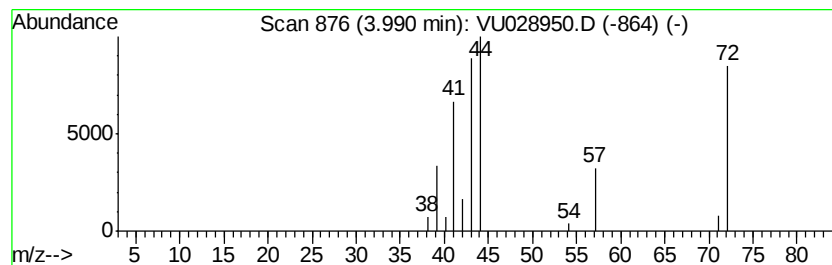
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	3.04 ug/L	34461	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	90
2		Butanal	72	C4H8O	000123-72-8	90
3		Butanal	72	C4H8O	000123-72-8	83
4		Propanal, 2-methyl-	72	C4H8O	000078-84-2	9
5		Pentanal	86	C5H10O	000110-62-3	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanal	3.99	3.0	ug/L	34461	1	5.88	567616	50.0