

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031911.D
 Acq On : 11 May 2019 00:16
 Operator : JC/SP
 Sample : K2705-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52

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\SOMULM042719WMA.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	1.180	24	28	42	rBV3	18992	18689	0.01%	0.006%
2	1.396	87	95	109	rBV2	866559	986473	0.74%	0.338%
3	1.669	172	180	202	rVB	432881	589059	0.44%	0.202%
4	2.267	355	366	379	rBV2	969798	1545223	1.16%	0.530%
5	2.408	407	410	412	rBV3	1166	841	0.00%	0.000%
6	2.450	415	423	437	rVB2	21181	39755	0.03%	0.014%
7	2.544	449	452	457	rBV5	1333	1288	0.00%	0.000%
8	2.643	480	483	485	rBV4	890	581	0.00%	0.000%
9	2.746	512	515	517	rVB3	1298	613	0.00%	0.000%
10	2.762	517	520	523	rVB3	1139	783	0.00%	0.000%
11	2.833	527	542	556	rBV	24278	55021	0.04%	0.019%
12	2.978	573	587	612	rBV	338144	628670	0.47%	0.216%
13	3.135	633	636	642	rVB4	663	559	0.00%	0.000%
14	3.171	645	647	650	rBV2	589	388	0.00%	0.000%
15	3.219	659	662	668	rBV6	1350	1389	0.00%	0.000%
16	3.270	673	678	680	rBV3	628	473	0.00%	0.000%
17	3.312	689	691	693	rVV3	993	398	0.00%	0.000%
18	3.373	707	710	714	rBV5	1172	1184	0.00%	0.000%
19	3.444	719	732	747	rVB3	22961	55230	0.04%	0.019%
20	3.569	769	771	776	rVB3	1050	674	0.00%	0.000%
21	3.598	776	780	782	rBV3	473	346	0.00%	0.000%
22	3.617	782	786	790	rVB3	866	672	0.00%	0.000%
23	3.650	793	796	798	rBV4	808	489	0.00%	0.000%
24	3.714	810	816	818	rBV2	853	753	0.00%	0.000%
25	3.736	819	823	826	rVV2	846	676	0.00%	0.000%
26	3.759	826	830	836	rVB4	1007	731	0.00%	0.000%
27	3.797	839	842	845	rBV3	657	398	0.00%	0.000%
28	3.836	852	854	857	rBV3	573	360	0.00%	0.000%
29	3.871	862	865	868	rVB2	824	600	0.00%	0.000%
30	3.904	872	875	877	rBV	640	391	0.00%	0.000%
31	3.929	881	883	886	rBV2	443	323	0.00%	0.000%
32	3.949	886	889	894	rBV3	757	719	0.00%	0.000%
33	3.984	897	900	905	rVB3	888	645	0.00%	0.000%
34	4.048	917	920	925	rVB3	1099	767	0.00%	0.000%

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 Title : VOC Analysis

35	4.084	928	931	934	rVB3	1336	741	0.00%	0.000%
36	4.106	934	938	940	rBV3	940	523	0.00%	0.000%
37	4.219	946	973	1010	rBV	9821195	24762513	18.63%	8.491%
38	4.640	1090	1104	1132	rVB	701856	1648000	1.24%	0.565%
39	5.122	1250	1254	1255	rBV4	632	486	0.00%	0.000%
40	5.334	1295	1320	1353	rBV3	1437694	4270893	3.21%	1.464%
41	5.756	1447	1451	1454	rBV4	1624	1117	0.00%	0.000%
42	5.797	1461	1464	1465	rBV2	1236	687	0.00%	0.000%
43	5.881	1476	1490	1524	rBV	1271778	2595339	1.95%	0.890%
44	6.183	1566	1584	1617	rBV3	68803821	132937832	100.00%	45.584%
45	6.325	1621	1628	1713	rVB	1198816	3716143	2.80%	1.274%
46	6.858	1792	1794	1796	rBV2	1213	505	0.00%	0.000%
47	7.006	1835	1840	1842	rBV4	1253	1197	0.00%	0.000%
48	7.093	1864	1867	1869	rBV2	665	387	0.00%	0.000%
49	7.109	1869	1872	1874	rBV3	1304	887	0.00%	0.000%
50	7.122	1874	1876	1877	rBV2	926	369	0.00%	0.000%
51	7.225	1895	1908	1938	rBV	498570	935031	0.70%	0.321%
52	7.428	1969	1971	1973	rVB3	1963	653	0.00%	0.000%
53	7.563	1999	2013	2031	rBV	1781966	3200633	2.41%	1.097%
54	7.846	2090	2101	2120	rBV2	343980	614664	0.46%	0.211%
55	8.071	2165	2171	2182	rBV9	5670	10274	0.01%	0.004%
56	8.228	2193	2220	2237	rBV2	59355469	101642881	76.46%	34.853%
57	8.878	2418	2422	2424	rBV5	1237	1054	0.00%	0.000%
58	8.984	2453	2455	2457	rBV2	1285	713	0.00%	0.000%
59	9.035	2467	2471	2474	rBV3	1203	1016	0.00%	0.000%
60	9.087	2474	2487	2528	rBV	1890811	3349263	2.52%	1.148%
61	9.444	2588	2598	2611	rBV2	29882	54704	0.04%	0.019%
62	9.556	2630	2633	2635	rBV4	1010	605	0.00%	0.000%
63	9.640	2656	2659	2663	rVB5	1260	854	0.00%	0.000%
64	9.665	2663	2667	2669	rBV2	1290	1010	0.00%	0.000%
65	9.759	2694	2696	2699	rVB3	1043	526	0.00%	0.000%
66	9.929	2746	2749	2750	rBV2	943	492	0.00%	0.000%
67	9.997	2768	2770	2774	rVB2	1024	455	0.00%	0.000%
68	10.016	2774	2776	2777	rBV	841	331	0.00%	0.000%
69	10.054	2784	2788	2790	rBV4	907	673	0.00%	0.000%
70	10.112	2803	2806	2811	rBV2	1098	748	0.00%	0.000%
71	10.199	2830	2833	2836	rBV	953	775	0.00%	0.000%

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72	10.283	2857	2859	2864	rVB4	1401	935	0.00%	0.000%
73	10.344	2877	2878	2882	rBV2	708	325	0.00%	0.000%
74	10.366	2883	2885	2890	rBV6	811	757	0.00%	0.000%
75	10.427	2890	2904	2925	rBV	1345690	2195347	1.65%	0.753%
76	10.604	2953	2959	2969	rVB4	8318	12214	0.01%	0.004%
77	10.852	3033	3036	3039	rBV2	713	463	0.00%	0.000%
78	10.871	3039	3042	3044	rBV2	818	452	0.00%	0.000%
79	10.894	3046	3049	3052	rVV4	992	657	0.00%	0.000%
80	10.955	3063	3068	3071	rBV5	1479	1739	0.00%	0.001%
81	11.006	3081	3084	3088	rVB4	777	541	0.00%	0.000%
82	11.087	3103	3109	3118	rBV7	1655	2578	0.00%	0.001%
83	11.157	3128	3131	3136	rVB3	1741	1574	0.00%	0.001%
84	11.202	3142	3145	3146	rBV2	1022	571	0.00%	0.000%
85	11.251	3157	3160	3162	rBV3	1237	761	0.00%	0.000%
86	11.280	3167	3169	3172	rBV2	949	549	0.00%	0.000%
87	11.328	3182	3184	3190	rVB3	1138	846	0.00%	0.000%
88	11.363	3193	3195	3198	rVB3	709	317	0.00%	0.000%
89	11.386	3198	3202	3204	rBV3	1115	901	0.00%	0.000%
90	11.398	3204	3206	3207	rBV2	737	370	0.00%	0.000%
91	11.479	3219	3231	3260	rBV	1612812	2651399	1.99%	0.909%
92	11.855	3336	3348	3367	rBV	1645975	2676561	2.01%	0.918%
93	12.649	3593	3595	3597	rBV3	1108	405	0.00%	0.000%
94	12.723	3611	3618	3621	rBV8	2248	3511	0.00%	0.001%
95	12.894	3659	3671	3687	rBV2	198734	359198	0.27%	0.123%
96	13.112	3733	3739	3750	rBV8	8169	13908	0.01%	0.005%
97	13.485	3853	3855	3858	rBV3	1753	1013	0.00%	0.000%
98	13.614	3889	3895	3901	rBV8	6742	10437	0.01%	0.004%
99	14.093	4041	4044	4045	rBV	1266	728	0.00%	0.000%
100	14.453	4153	4156	4159	rBV4	2011	1359	0.00%	0.000%

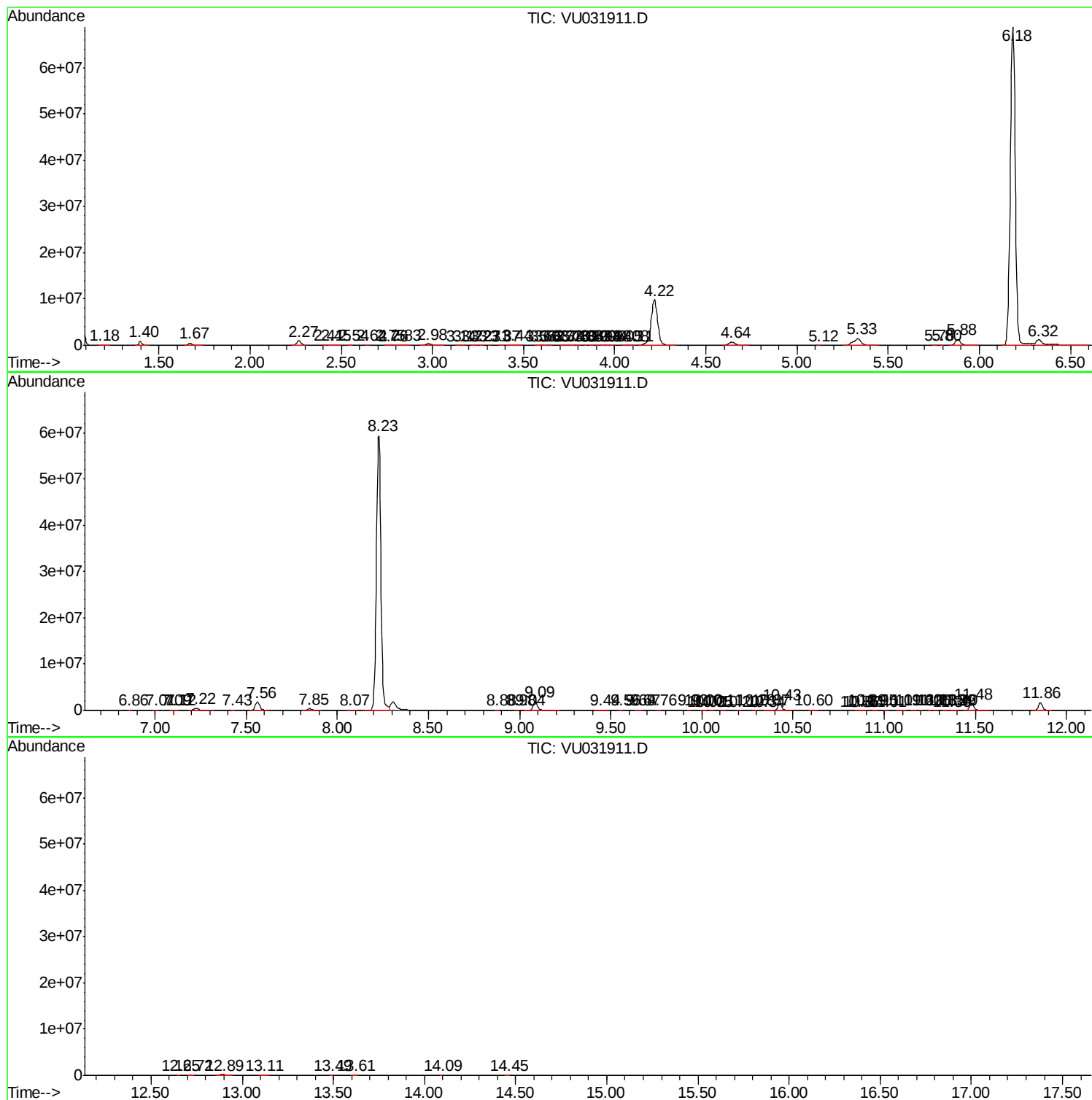
Sum of corrected areas: 291630551

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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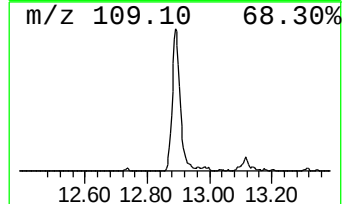
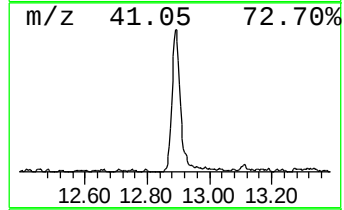
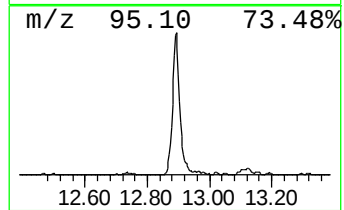
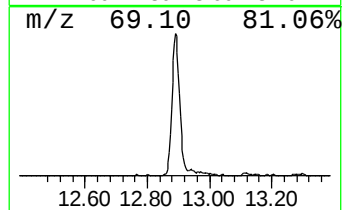
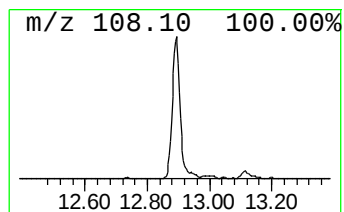
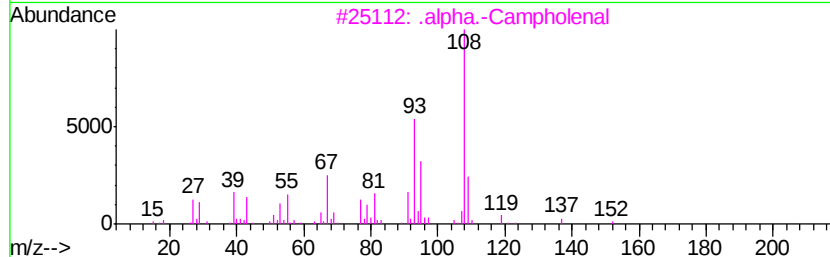
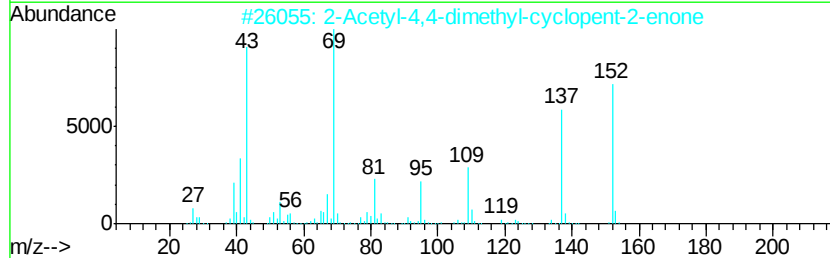
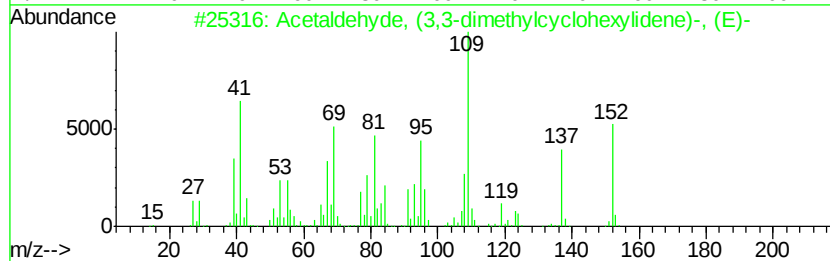
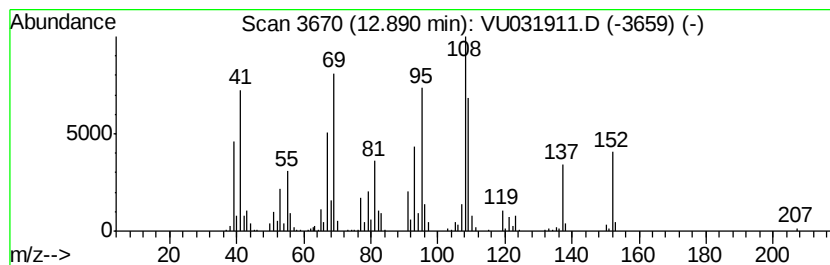
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Acetaldehyde, (3,3-dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.89	6.77 ug/L	359198	1,4-Dichlorobenzene-d4		11.48	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	80
2		2-Acetyl-4,4-dimethyl-cyclopent-...	152	C9H12O2	081979-96-6	38
3		.alpha.-Campholenal	152	C10H16O	004501-58-0	35
4		5-[2-(4,5,5-Trimethyl-cyclopent-...	262	C14H18N2O3	1000259-15-8	30
5		8-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	113725-56-7	27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde, (3,...	12.89	6.8	ug/L	359198	3	11.48	2651400	50.0