

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\
 Data File : VU025393.D
 Acq On : 13 Jul 2018 15:24
 Operator : MD/SY
 Sample : J3920-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

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\SOMULM062918WMA.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	0.690	27	31	33	rBV4	595	536	0.02%	0.005%
2	0.719	37	40	45	rBV4	886	767	0.04%	0.007%
3	0.857	79	83	85	rBV2	1079	721	0.03%	0.007%
4	1.085	145	154	177	rBV	1770581	2147623	100.00%	20.108%
5	1.400	245	252	264	rBV	122787	135225	6.30%	1.266%
6	1.680	332	339	356	rVB	96668	124835	5.81%	1.169%
7	2.272	514	523	534	rBV	215789	318912	14.85%	2.986%
8	2.696	651	655	659	rBV7	1641	1976	0.09%	0.019%
9	2.963	735	738	741	rBV5	1102	958	0.04%	0.009%
10	3.172	801	803	809	rVV6	794	622	0.03%	0.006%
11	3.198	809	811	813	rVV3	1048	596	0.03%	0.006%
12	3.275	832	835	841	rVB6	930	1010	0.05%	0.009%
13	3.355	856	860	862	rBV4	815	618	0.03%	0.006%
14	3.535	912	916	918	rBV4	1015	673	0.03%	0.006%
15	3.593	930	934	936	rBV2	898	679	0.03%	0.006%
16	3.757	980	985	987	rBV4	665	670	0.03%	0.006%
17	3.828	1004	1007	1009	rBV2	751	593	0.03%	0.006%
18	3.992	1053	1058	1061	rVV5	585	588	0.03%	0.006%
19	4.040	1069	1073	1078	rBV4	857	791	0.04%	0.007%
20	4.172	1099	1114	1136	rBV	88515	236442	11.01%	2.214%
21	4.513	1215	1220	1225	rBV5	963	1288	0.06%	0.012%
22	4.651	1243	1263	1284	rBV	173991	416665	19.40%	3.901%
23	4.754	1293	1295	1301	rVB5	878	601	0.03%	0.006%
24	5.342	1454	1478	1501	rBV2	343602	1034602	48.17%	9.687%
25	5.661	1573	1577	1580	rVV4	753	747	0.03%	0.007%
26	5.783	1608	1615	1616	rBV6	1141	1332	0.06%	0.012%
27	5.889	1630	1648	1667	rBV	368940	740837	34.50%	6.936%
28	6.284	1767	1771	1772	rBV4	876	561	0.03%	0.005%
29	6.333	1772	1786	1806	rBV	232016	467318	21.76%	4.375%
30	6.612	1861	1873	1885	rBV3	15938	31845	1.48%	0.298%
31	7.014	1993	1998	2002	rBV4	955	994	0.05%	0.009%
32	7.046	2005	2008	2011	rVB4	898	574	0.03%	0.005%
33	7.230	2048	2065	2083	rBV	134304	240725	11.21%	2.254%
34	7.567	2156	2170	2201	rBV	482142	863017	40.18%	8.080%

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 Title : VOC Analysis

35	7.709	2209	2214	2224	rVB6	4446	7141	0.33%	0.067%
36	7.850	2246	2258	2271	rBV	94051	157703	7.34%	1.477%
37	7.963	2288	2293	2296	rBV5	1059	1048	0.05%	0.010%
38	8.072	2324	2327	2329	rBV3	695	546	0.03%	0.005%
39	8.152	2349	2352	2354	rVV3	776	513	0.02%	0.005%
40	8.175	2357	2359	2369	rVB4	838	1260	0.06%	0.012%
41	8.230	2374	2376	2382	rVB6	767	616	0.03%	0.006%
42	8.310	2386	2401	2443	rBV	293766	553022	25.75%	5.178%
43	8.468	2447	2450	2454	rVB5	957	544	0.03%	0.005%
44	8.580	2480	2485	2488	rBV5	900	879	0.04%	0.008%
45	8.619	2488	2497	2499	rBV9	1555	2012	0.09%	0.019%
46	8.776	2542	2546	2550	rVB5	996	928	0.04%	0.009%
47	8.879	2572	2578	2581	rBV6	670	703	0.03%	0.007%
48	8.918	2586	2590	2594	rVB5	740	558	0.03%	0.005%
49	8.943	2594	2598	2600	rBV2	908	576	0.03%	0.005%
50	9.091	2631	2644	2661	rBV	505056	852784	39.71%	7.984%
51	9.249	2689	2693	2695	rBV4	1344	1193	0.06%	0.011%
52	9.377	2727	2733	2737	rBV6	2086	2957	0.14%	0.028%
53	9.837	2872	2876	2878	rBV4	879	724	0.03%	0.007%
54	10.059	2942	2945	2949	rBV5	671	568	0.03%	0.005%
55	10.120	2961	2964	2967	rBV2	825	681	0.03%	0.006%
56	10.162	2972	2977	2986	rVB6	1061	1604	0.07%	0.015%
57	10.204	2987	2990	2993	rVB4	866	593	0.03%	0.006%
58	10.271	3006	3011	3015	rVB5	949	783	0.04%	0.007%
59	10.313	3021	3024	3027	rVV3	1120	794	0.04%	0.007%
60	10.368	3035	3041	3045	rVB7	917	943	0.04%	0.009%
61	10.435	3049	3062	3083	rVV	316402	529663	24.66%	4.959%
62	10.532	3088	3092	3094	rBV3	757	635	0.03%	0.006%
63	10.615	3108	3118	3126	rVV9	2903	5242	0.24%	0.049%
64	10.709	3140	3147	3150	rBV6	556	686	0.03%	0.006%
65	10.808	3175	3178	3181	rBV3	770	522	0.02%	0.005%
66	10.837	3181	3187	3192	rBV6	946	775	0.04%	0.007%
67	10.992	3232	3235	3240	rBV4	736	661	0.03%	0.006%
68	11.040	3247	3250	3255	rBV4	649	583	0.03%	0.005%
69	11.252	3313	3316	3319	rBV3	790	628	0.03%	0.006%
70	11.358	3346	3349	3352	rBV3	903	680	0.03%	0.006%
71	11.419	3362	3368	3373	rVV4	870	1127	0.05%	0.011%

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72	11.487	3377	3389	3405	rVV	514592	816225	38.01%	7.642%
73	11.567	3410	3414	3421	rVB6	1199	1211	0.06%	0.011%
74	11.622	3428	3431	3434	rBV2	634	587	0.03%	0.005%
75	11.683	3443	3450	3453	rBV4	681	951	0.04%	0.009%
76	11.789	3476	3483	3486	rBV8	691	817	0.04%	0.008%
77	11.863	3493	3506	3526	rVB	484360	794249	36.98%	7.436%
78	11.988	3534	3545	3550	rBV8	1967	3348	0.16%	0.031%
79	12.078	3565	3573	3577	rBV5	1686	2485	0.12%	0.023%
80	12.178	3596	3604	3609	rVB4	734	883	0.04%	0.008%
81	12.426	3673	3681	3684	rVB5	899	1139	0.05%	0.011%
82	12.458	3685	3691	3693	rBV5	1077	1189	0.06%	0.011%
83	12.483	3693	3699	3709	rVB2	3979	6878	0.32%	0.064%
84	12.570	3709	3726	3738	rBV2	34693	55886	2.60%	0.523%
85	12.654	3749	3752	3754	rBV3	912	580	0.03%	0.005%
86	12.770	3785	3788	3792	rBV4	920	711	0.03%	0.007%
87	12.895	3819	3827	3836	rVB10	3350	5083	0.24%	0.048%
88	13.053	3868	3876	3884	rBV8	6527	11820	0.55%	0.111%
89	13.194	3917	3920	3922	rBV2	776	536	0.02%	0.005%
90	13.339	3951	3965	3968	rBV7	12199	22370	1.04%	0.209%
91	13.750	4090	4093	4095	rBV3	932	620	0.03%	0.006%
92	13.776	4099	4101	4105	rBV3	997	661	0.03%	0.006%
93	13.872	4128	4131	4134	rBV4	1204	848	0.04%	0.008%
94	13.991	4161	4168	4179	rVB9	5697	9420	0.44%	0.088%
95	14.075	4184	4194	4200	rBV10	2392	4799	0.22%	0.045%
96	14.281	4253	4258	4268	rVB5	3187	5203	0.24%	0.049%
97	14.570	4345	4348	4350	rBV5	826	548	0.03%	0.005%
98	14.651	4371	4373	4377	rBV4	1028	755	0.04%	0.007%
99	15.744	4707	4713	4721	rBV4	7534	10320	0.48%	0.097%
100	16.024	4793	4800	4806	rBV7	7829	11726	0.55%	0.110%

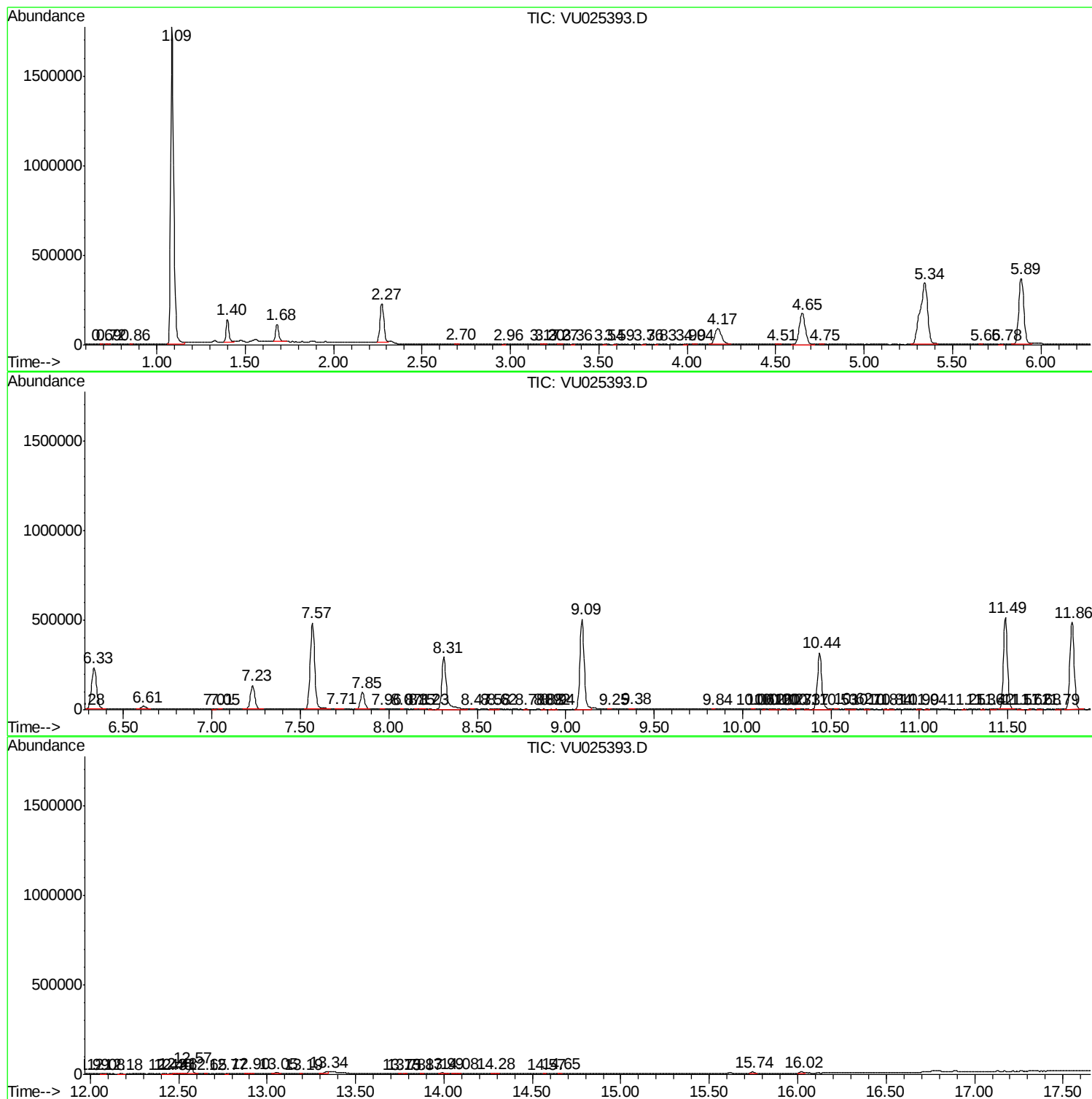
Sum of corrected areas: 10680664

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis

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



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

Peak Number 1 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.42 ug/L	55886	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			Nonanal	142	C9H18O	000124-19-6	91
3			Nonanal	142	C9H18O	000124-19-6	90
4			Nonanal	142	C9H18O	000124-19-6	90
5			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	41

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonanal	12.57	3.4	ug/L	55886	3	11.49	816225	50.0