

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010920\
 Data File : VU036418.D
 Acq On : 09 Jan 2020 14:36
 Operator : JC/MD
 Sample : L1042-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRA9

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\SOMULM122719WMA.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	1.372	4	10	17	rBV	15937	16852	0.17%	0.064%
2	1.617	78	86	96	rBV	226530	242745	2.39%	0.923%
3	1.703	106	113	121	rBV	73102	84468	0.83%	0.321%
4	1.932	176	184	195	rBV	199354	254244	2.51%	0.967%
5	2.520	363	367	374	rBV9	1775	2361	0.02%	0.009%
6	2.594	377	390	405	rBV	390919	644842	6.35%	2.453%
7	2.800	444	454	470	rBV2	21965	42653	0.42%	0.162%
8	3.067	534	537	539	rBV3	1148	748	0.01%	0.003%
9	3.108	548	550	555	rBV4	952	892	0.01%	0.003%
10	3.231	573	588	605	rBV2	35412	85508	0.84%	0.325%
11	3.327	616	618	623	rBV3	1139	708	0.01%	0.003%
12	3.411	627	644	665	rBV	287186	677206	6.67%	2.576%
13	3.562	685	691	692	rBV4	1122	1115	0.01%	0.004%
14	3.597	698	702	704	rBV3	860	813	0.01%	0.003%
15	3.665	719	723	725	rBV2	1234	690	0.01%	0.003%
16	3.729	739	743	747	rBV5	754	876	0.01%	0.003%
17	3.925	788	804	814	rVB2	9596	24282	0.24%	0.092%
18	4.141	865	871	873	rBV4	748	702	0.01%	0.003%
19	4.282	910	915	920	rBV4	819	919	0.01%	0.003%
20	4.494	971	981	982	rBV5	2649	3056	0.03%	0.012%
21	4.578	1001	1007	1012	rBV5	643	731	0.01%	0.003%
22	4.681	1024	1039	1074	rBV3	200450	690278	6.80%	2.626%
23	4.912	1108	1111	1114	rBV3	1342	1057	0.01%	0.004%
24	5.112	1157	1173	1195	rBV	362127	816590	8.05%	3.106%
25	5.282	1224	1226	1232	rBV6	1126	941	0.01%	0.004%
26	5.414	1263	1267	1268	rVV3	1636	1154	0.01%	0.004%
27	5.423	1268	1270	1276	rVB5	1969	1308	0.01%	0.005%
28	5.767	1353	1377	1411	rBV2	744693	2028220	19.99%	7.715%
29	6.054	1461	1466	1471	rBV7	1633	2289	0.02%	0.009%
30	6.079	1472	1474	1477	rVV3	1288	760	0.01%	0.003%
31	6.166	1495	1501	1503	rBV6	1323	1410	0.01%	0.005%
32	6.288	1525	1539	1558	rBV	490214	941042	9.27%	3.579%
33	6.513	1606	1609	1613	rBV4	1086	951	0.01%	0.004%
34	6.581	1616	1630	1654	rBV	196135	384125	3.79%	1.461%

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 Title : VOC Analysis

35	6.732	1663	1677	1699	rBV	469303	923511	9.10%	3.513%
36	7.108	1790	1794	1799	rVB3	777	826	0.01%	0.003%
37	7.218	1818	1828	1837	rBV6	5280	9249	0.09%	0.035%
38	7.298	1848	1853	1856	rBV4	882	740	0.01%	0.003%
39	7.343	1864	1867	1872	rVB5	988	961	0.01%	0.004%
40	7.542	1926	1929	1933	rBV3	1178	958	0.01%	0.004%
41	7.600	1933	1947	1968	rBV	278192	515263	5.08%	1.960%
42	7.864	2027	2029	2035	rVB3	944	636	0.01%	0.002%
43	7.931	2035	2050	2067	rBV	926847	1622575	15.99%	6.172%
44	8.211	2125	2137	2156	rBV2	197316	353925	3.49%	1.346%
45	8.430	2199	2205	2208	rBV5	1527	1297	0.01%	0.005%
46	8.484	2219	2222	2223	rBV4	1319	779	0.01%	0.003%
47	8.584	2237	2253	2270	rBV	5877351	10148451	100.00%	38.602%
48	8.674	2271	2281	2322	rVB	432874	1209580	11.92%	4.601%
49	8.954	2365	2368	2376	rVB5	1006	961	0.01%	0.004%
50	9.031	2389	2392	2396	rBV3	1079	848	0.01%	0.003%
51	9.227	2447	2453	2455	rBV4	792	729	0.01%	0.003%
52	9.362	2488	2495	2504	rVB7	1048	1834	0.02%	0.007%
53	9.446	2504	2521	2556	rBV	660643	1194139	11.77%	4.542%
54	9.597	2560	2568	2574	rBV7	3105	4543	0.04%	0.017%
55	9.719	2597	2606	2620	rVV2	13335	23402	0.23%	0.089%
56	9.951	2676	2678	2686	rVB4	1135	948	0.01%	0.004%
57	10.131	2725	2734	2742	rVV7	6558	10489	0.10%	0.040%
58	10.169	2742	2746	2752	rVB5	1695	1974	0.02%	0.008%
59	10.378	2801	2811	2814	rBV6	2726	3622	0.04%	0.014%
60	10.513	2847	2853	2856	rBV7	1242	1272	0.01%	0.005%
61	10.629	2886	2889	2894	rVB4	1241	1156	0.01%	0.004%
62	10.668	2894	2901	2909	rBV5	1096	2043	0.02%	0.008%
63	10.706	2909	2913	2917	rVB6	1181	1023	0.01%	0.004%
64	10.738	2917	2923	2924	rBV3	891	848	0.01%	0.003%
65	10.783	2924	2937	2960	rVB	623204	1065284	10.50%	4.052%
66	10.870	2960	2964	2965	rBV3	781	635	0.01%	0.002%
67	10.909	2969	2976	2977	rBV4	2378	1967	0.02%	0.007%
68	11.015	3005	3009	3013	rBV4	1432	1323	0.01%	0.005%
69	11.066	3018	3025	3028	rBV5	1224	1400	0.01%	0.005%
70	11.111	3032	3039	3044	rBV6	2539	3212	0.03%	0.012%
71	11.163	3053	3055	3060	rBV3	1029	889	0.01%	0.003%

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72	11.195	3063	3065	3069	rVB3	975	701	0.01%	0.003%
73	11.227	3069	3075	3077	rBV2	1058	687	0.01%	0.003%
74	11.410	3128	3132	3135	rBV3	689	658	0.01%	0.003%
75	11.500	3150	3160	3164	rBV7	2699	4494	0.04%	0.017%
76	11.668	3207	3212	3218	rVB5	1204	1036	0.01%	0.004%
77	11.722	3221	3229	3235	rVV9	2943	4367	0.04%	0.017%
78	11.767	3238	3243	3244	rBV6	1023	862	0.01%	0.003%
79	11.838	3251	3265	3283	rBV	530244	943120	9.29%	3.587%
80	12.086	3332	3342	3349	rBV5	3903	7038	0.07%	0.027%
81	12.217	3369	3383	3399	rBV	723281	1228268	12.10%	4.672%
82	12.388	3434	3436	3441	rVB4	1183	1067	0.01%	0.004%
83	12.504	3469	3472	3479	rVV6	1114	1444	0.01%	0.005%
84	12.571	3488	3493	3496	rBV4	1272	1214	0.01%	0.005%
85	12.828	3569	3573	3575	rBV3	1107	991	0.01%	0.004%
86	12.909	3592	3598	3602	rVV6	1947	2487	0.02%	0.009%
87	13.127	3663	3666	3671	rVB5	1241	976	0.01%	0.004%
88	13.159	3673	3676	3680	rVB2	1156	980	0.01%	0.004%
89	13.237	3696	3700	3703	rBV5	1956	1923	0.02%	0.007%
90	13.468	3766	3772	3774	rBV5	1519	1154	0.01%	0.004%
91	13.577	3804	3806	3813	rVB5	1105	819	0.01%	0.003%
92	13.864	3889	3895	3900	rVB6	2687	3212	0.03%	0.012%
93	14.108	3964	3971	3975	rBV5	3329	3869	0.04%	0.015%
94	14.169	3986	3990	3991	rBV2	1205	788	0.01%	0.003%
95	14.275	4020	4023	4029	rVB3	1410	1115	0.01%	0.004%
96	14.304	4029	4032	4035	rBV3	1208	1006	0.01%	0.004%
97	14.346	4041	4045	4052	rBV5	2671	3039	0.03%	0.012%
98	14.735	4163	4166	4169	rVB3	1281	785	0.01%	0.003%
99	15.375	4362	4365	4368	rBV4	1982	953	0.01%	0.004%
100	15.532	4412	4414	4416	rBV3	1840	922	0.01%	0.004%

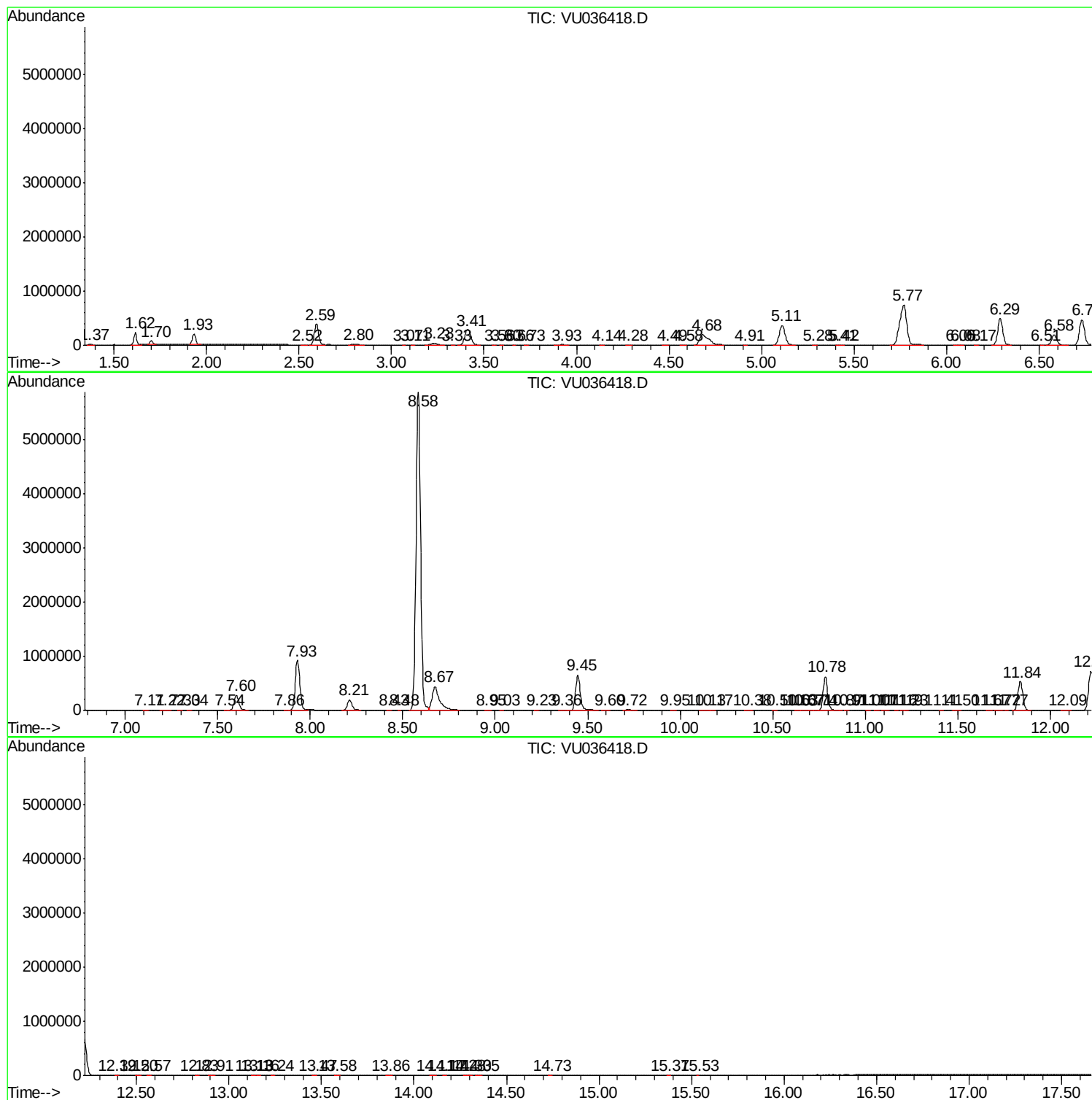
Sum of corrected areas: 26289803

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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



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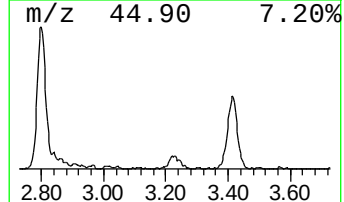
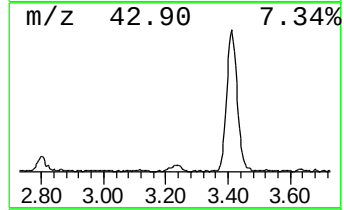
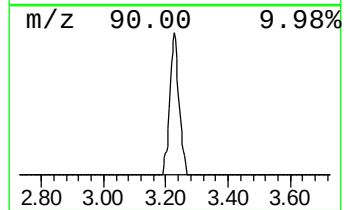
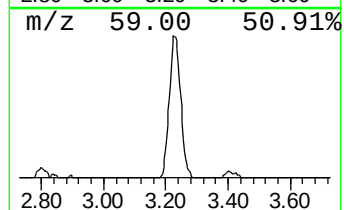
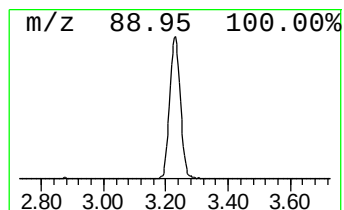
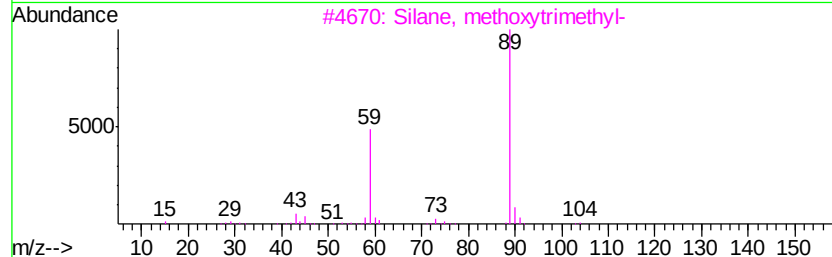
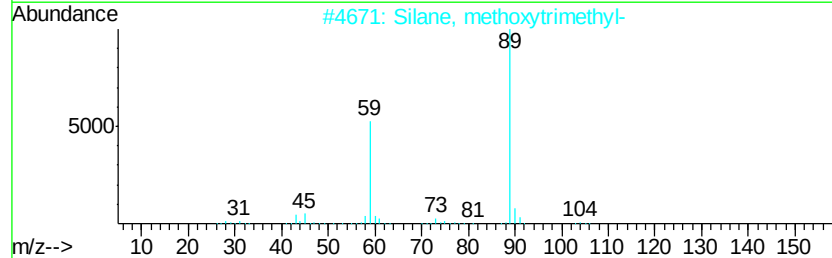
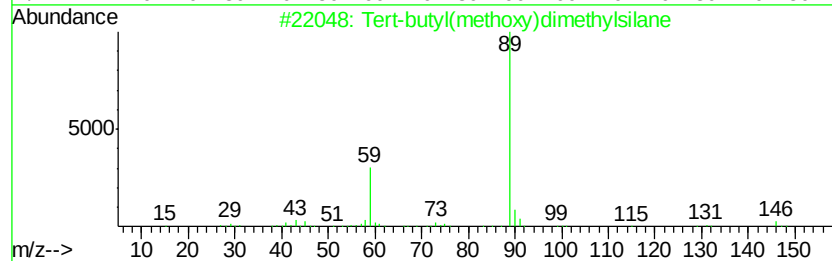
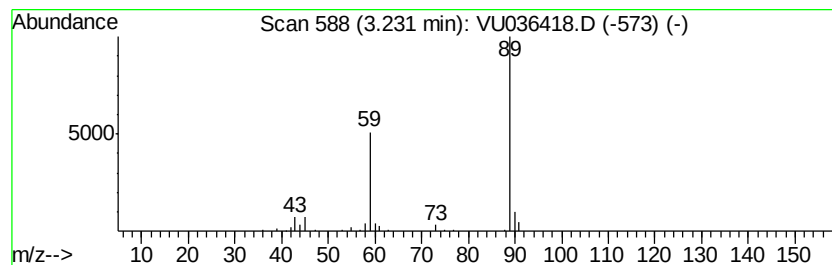
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Tert-butyl(methoxy)dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	4.54 ug/L	85508	1,4-Difluorobenzene	6.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	83
2			Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
3			Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
4			Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	78
5			Tricyclo[5.2.2.0(2,6)]undecan-11...	352	C18H24O7	1000155-17-7	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tert-butyl(methox...	3.23	4.5	ug/L	85508	1	6.29	941042	50.0