

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033914.D
 Acq On : 22 Aug 2019 21:05
 Operator : JC/SP
 Sample : K4454-07DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B99DL

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\SOMULM082219WMA.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	1.277	49	58	70	rBV	110158	233883	10.73%	1.329%
2	1.389	87	93	107	rVB2	441952	483841	22.20%	2.750%
3	1.666	172	179	194	rVB	239944	309631	14.21%	1.760%
4	2.254	352	362	376	rVB	486718	730952	33.54%	4.154%
5	2.540	449	451	453	rBV2	477	264	0.01%	0.002%
6	2.576	460	462	464	rBV3	416	244	0.01%	0.001%
7	2.685	487	496	507	rBV6	4225	7350	0.34%	0.042%
8	2.772	516	523	533	rVB3	4940	8208	0.38%	0.047%
9	2.971	568	585	603	rBV4	38189	92500	4.24%	0.526%
10	3.051	608	610	613	rVB3	422	232	0.01%	0.001%
11	3.260	670	675	676	rBV2	437	318	0.01%	0.002%
12	3.357	700	705	709	rBV3	642	804	0.04%	0.005%
13	3.531	754	759	762	rBV3	483	463	0.02%	0.003%
14	3.585	773	776	783	rVB3	379	367	0.02%	0.002%
15	3.617	783	786	787	rBV	484	290	0.01%	0.002%
16	3.643	792	794	798	rVB	417	233	0.01%	0.001%
17	3.669	798	802	806	rBV3	406	468	0.02%	0.003%
18	3.788	836	839	845	rVB	331	279	0.01%	0.002%
19	3.826	848	851	854	rVV2	331	229	0.01%	0.001%
20	3.842	854	856	861	rVB	310	251	0.01%	0.001%
21	4.032	912	915	916	rBV2	652	420	0.02%	0.002%
22	4.061	916	924	939	rVB6	3906	8123	0.37%	0.046%
23	4.154	939	953	954	rBV	217449	350781	16.10%	1.994%
24	4.479	1051	1054	1058	rBV3	610	418	0.02%	0.002%
25	4.621	1080	1098	1124	rBV	368352	877368	40.26%	4.986%
26	4.807	1154	1156	1160	rBV3	402	252	0.01%	0.001%
27	4.858	1165	1172	1186	rVB7	2105	4641	0.21%	0.026%
28	4.965	1194	1205	1221	rVB9	5187	12664	0.58%	0.072%
29	5.103	1244	1248	1250	rVV3	439	275	0.01%	0.002%
30	5.161	1262	1266	1270	rBV4	368	331	0.02%	0.002%
31	5.315	1289	1314	1338	rBV2	731456	2179254	100.00%	12.385%
32	5.524	1377	1379	1386	rVB4	685	525	0.02%	0.003%
33	5.720	1437	1440	1443	rBV2	917	830	0.04%	0.005%
34	5.781	1457	1459	1468	rVB4	677	824	0.04%	0.005%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Title : VOC Analysis

35	5.862	1468	1484	1511	rBV	715593	1430981	65.66%	8.132%
36	6.164	1562	1578	1598	rBV2	143722	298736	13.71%	1.698%
37	6.309	1607	1623	1657	rBV	507981	1031528	47.33%	5.862%
38	6.508	1683	1685	1689	rVB2	652	427	0.02%	0.002%
39	6.665	1730	1734	1736	rBV3	355	261	0.01%	0.001%
40	6.730	1751	1754	1757	rBV4	488	354	0.02%	0.002%
41	6.749	1757	1760	1765	rVB5	410	262	0.01%	0.001%
42	6.788	1769	1772	1776	rVB	536	400	0.02%	0.002%
43	6.810	1776	1779	1782	rBV3	591	450	0.02%	0.003%
44	6.833	1782	1786	1787	rBV2	306	246	0.01%	0.001%
45	6.846	1787	1790	1793	rBV2	907	770	0.04%	0.004%
46	6.926	1811	1815	1818	rVB3	486	379	0.02%	0.002%
47	7.009	1838	1841	1848	rVB	1057	870	0.04%	0.005%
48	7.045	1848	1852	1855	rBV3	373	386	0.02%	0.002%
49	7.080	1860	1863	1868	rVB2	497	420	0.02%	0.002%
50	7.119	1873	1875	1880	rVB3	327	249	0.01%	0.001%
51	7.209	1886	1903	1928	rBV	241654	453800	20.82%	2.579%
52	7.370	1950	1953	1956	rBV3	1247	951	0.04%	0.005%
53	7.411	1963	1966	1970	rVB3	1731	1060	0.05%	0.006%
54	7.476	1981	1986	1991	rVB4	886	972	0.04%	0.006%
55	7.546	1994	2008	2044	rBV	901781	1609409	73.85%	9.146%
56	7.781	2079	2081	2085	rVB3	810	572	0.03%	0.003%
57	7.829	2085	2096	2124	rBV	172365	311757	14.31%	1.772%
58	8.090	2175	2177	2180	rVB2	656	324	0.01%	0.002%
59	8.116	2180	2185	2189	rBV3	307	382	0.02%	0.002%
60	8.151	2193	2196	2198	rBV2	397	305	0.01%	0.002%
61	8.209	2204	2214	2227	rVB2	25697	45625	2.09%	0.259%
62	8.296	2228	2241	2271	rBV	628756	1196733	54.91%	6.801%
63	8.652	2350	2352	2357	rVB5	833	682	0.03%	0.004%
64	8.681	2358	2361	2364	rBV2	507	345	0.02%	0.002%
65	8.752	2381	2383	2387	rVB2	528	334	0.02%	0.002%
66	8.820	2399	2404	2407	rVV4	797	805	0.04%	0.005%
67	8.971	2448	2451	2454	rVB3	375	258	0.01%	0.001%
68	9.070	2469	2482	2509	rBV	1074102	1789507	82.12%	10.170%
69	9.328	2557	2562	2563	rBV4	534	454	0.02%	0.003%
70	9.366	2568	2574	2583	rVB8	1025	1461	0.07%	0.008%
71	9.501	2611	2616	2619	rVB5	462	458	0.02%	0.003%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Title : VOC Analysis

72	9.543	2624	2629	2634	rVV4	404	510	0.02%	0.003%
73	9.569	2634	2637	2639	rVV2	483	276	0.01%	0.002%
74	9.611	2647	2650	2653	rBV3	442	342	0.02%	0.002%
75	9.675	2667	2670	2672	rBV3	402	251	0.01%	0.001%
76	9.807	2709	2711	2713	rBV2	617	332	0.02%	0.002%
77	9.913	2741	2744	2751	rVB2	584	557	0.03%	0.003%
78	9.948	2751	2755	2757	rBV	633	447	0.02%	0.003%
79	10.009	2770	2774	2776	rBV3	563	487	0.02%	0.003%
80	10.054	2786	2788	2791	rVB	499	232	0.01%	0.001%
81	10.090	2792	2799	2801	rBV4	642	777	0.04%	0.004%
82	10.148	2814	2817	2820	rBV3	691	490	0.02%	0.003%
83	10.209	2834	2836	2843	rVB5	830	976	0.04%	0.006%
84	10.260	2847	2852	2854	rBV3	659	599	0.03%	0.003%
85	10.324	2868	2872	2876	rVB3	546	534	0.02%	0.003%
86	10.347	2876	2879	2883	rBV2	542	363	0.02%	0.002%
87	10.415	2887	2900	2922	rBV	699036	1131912	51.94%	6.433%
88	10.968	3069	3072	3073	rBV2	586	352	0.02%	0.002%
89	11.038	3091	3094	3096	rBV2	340	235	0.01%	0.001%
90	11.086	3107	3109	3116	rVB2	807	646	0.03%	0.004%
91	11.132	3116	3123	3126	rBV4	733	941	0.04%	0.005%
92	11.173	3133	3136	3139	rBV3	506	361	0.02%	0.002%
93	11.212	3143	3148	3149	rBV3	563	473	0.02%	0.003%
94	11.344	3187	3189	3195	rVB3	458	424	0.02%	0.002%
95	11.376	3195	3199	3202	rBV3	919	796	0.04%	0.005%
96	11.466	3214	3227	3256	rBV	949191	1512354	69.40%	8.595%
97	11.842	3331	3344	3368	rBV	881165	1448796	66.48%	8.234%
98	12.617	3582	3585	3588	rVB	729	439	0.02%	0.002%
99	12.678	3601	3604	3607	rBV3	665	521	0.02%	0.003%
100	13.665	3909	3911	3914	rBV2	549	342	0.02%	0.002%

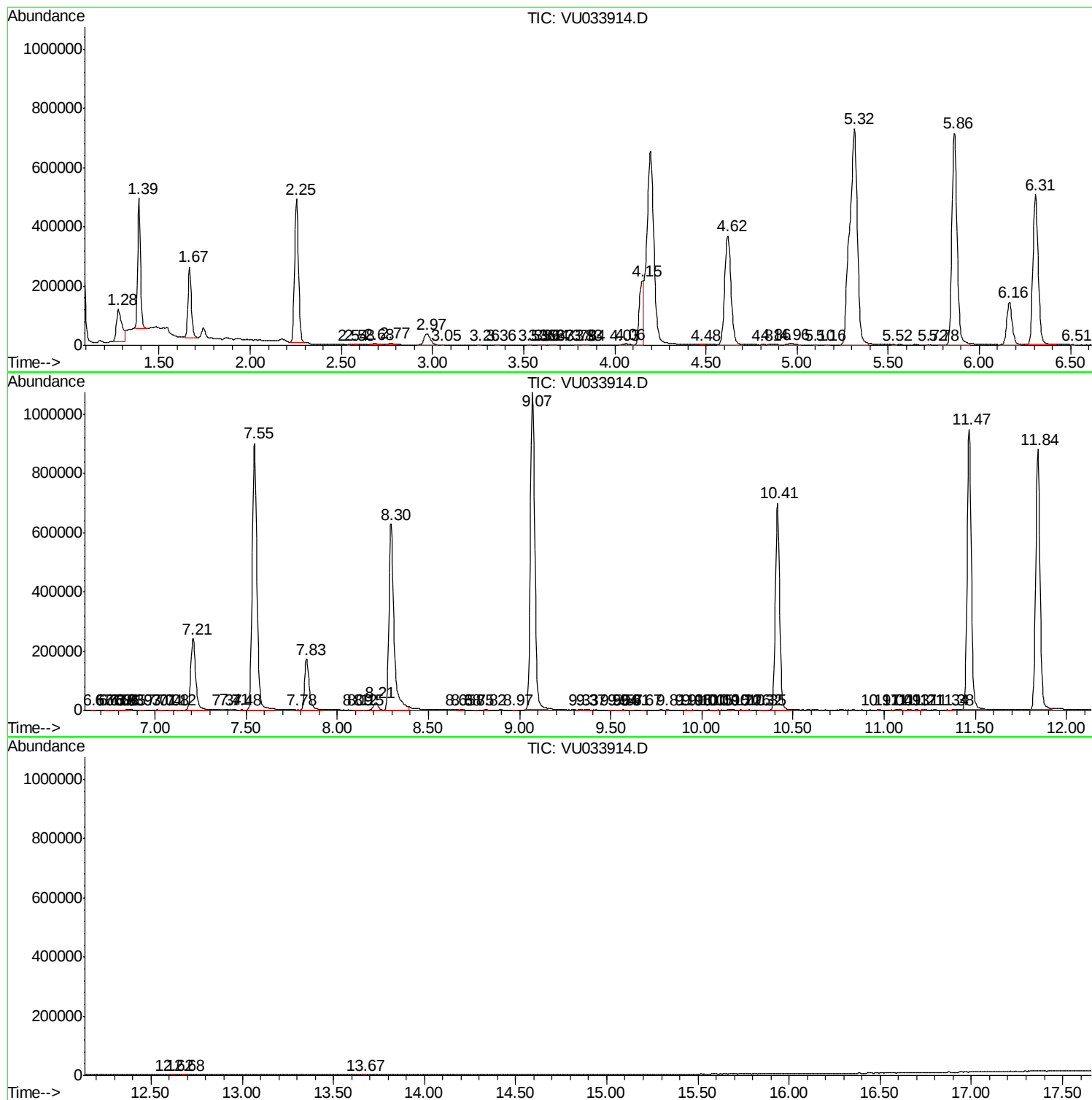
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis

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



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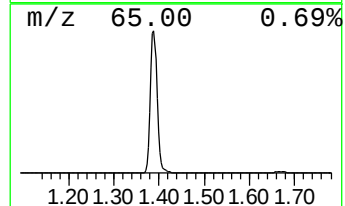
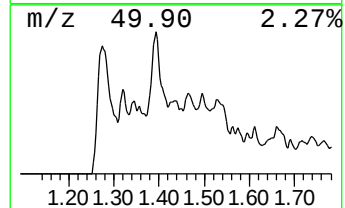
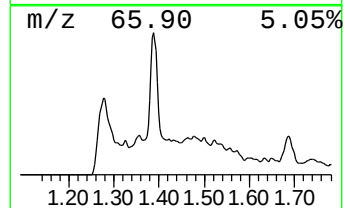
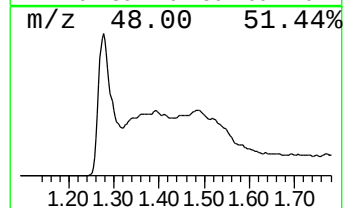
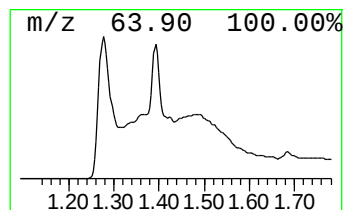
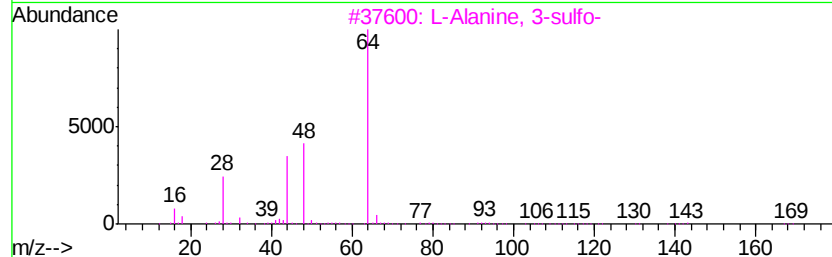
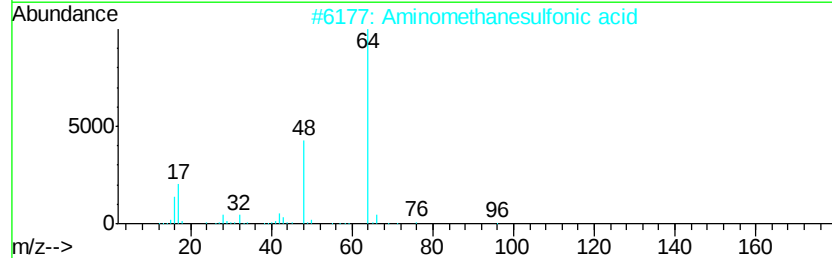
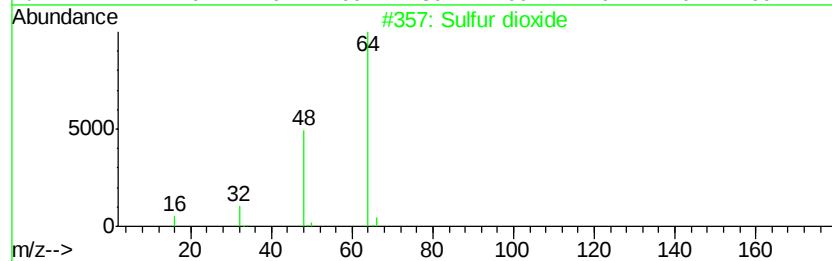
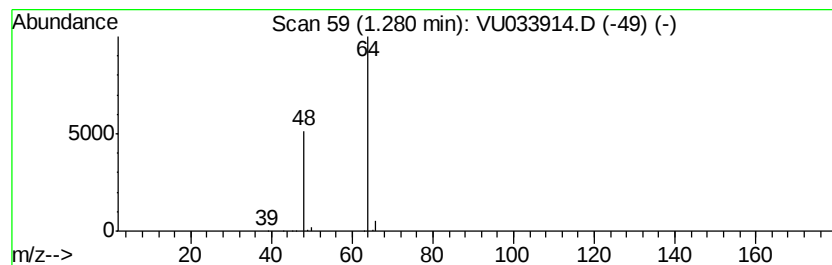
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	8.17 ug/L	233883	1,4-Difluorobenzene	5.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 83
2		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 74
3		L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8 9
4		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9
5		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.28	8.2	ug/L	233883	1	5.86	1430980	50.0