LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
Data File : VU038746.D
Acq On : 10 Jun 2020 00:18
Operator : SY/MD
Sample : L2897-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0K7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.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	1.369	3	9	19	rBV2	56348	58336	2.99%	0.320%
2	1.501	39	50	56	rBV2	154109	328147	16.79%	1.801%
3	1.613	80	85	96	rVB	252310	281581	14.41%	1.545%
4	1.929	177	183	202	rVB	177766	240608	12.31%	1.321%
5	2.591	377	389	404	rBV	403741	667121	34.14%	3.661%
6	2.797	444	453	455	rBV6	1600	2333	0.12%	0.013%
7	2.871	474	476	479	rBV2	537	355	0.02%	0.002%
8	2.916	482	490	492	rBV4	1151	1515	0.08%	0.008%
9	3.385	627	636	651	rVB2	15739	30169	1.54%	0.166%
10	4.195	879	888	890	rBV2	509	623	0.03%	0.003%
11	4.559	997	1001	1002	rBV	979	665	0.03%	0.004%
12	4.662	1016	1033	1039	rBV	223489	481484	24.64%	2.642%
13	4.919	1109	1113	1115	rBV2	714	520	0.03%	0.003%
14	4.961	1119	1126	1129	rVB4	812	937	0.05%	0.005%
15	5.002	1135	1139	1143	rBV3	523	567	0.03%	0.003%
16	5.025	1143	1146	1152	rVB4	735	750	0.04%	0.004%
17	5.102	1152	1170	1188	rBV	350745	763774	39.09%	4.192%
18	5.327	1231	1240	1245	rBV5	2094	3414	0.17%	0.019%
19	5.398	1256	1262	1263	rBV3	871	677	0.03%	0.004%
20	5.411	1264	1266	1273	rVB3	981	938	0.05%	0.005%
21	5.530	1297	1303	1306	rVB3	529	462	0.02%	0.003%
22	5.684	1346	1351	1352	rBV2	632	466	0.02%	0.003%
23	5.758	1352	1374	1406	rBV2	720033	1954128	100.00%	10.725%
24	6.006	1449	1451	1458	rVB4	895	819	0.04%	0.004%
25	6.060	1462	1468	1471	rBV3	1076	1035	0.05%	0.006%
26	6.134	1487	1491	1492	rBV	650	345	0.02%	0.002%
27	6.279	1521	1536	1556	rBV	655054	1233523	63.12%	6.770%
28	6.571	1611	1627	1657	rBV	799321	1491390	76.32%	8.185%
29	6.719	1659	1673	1690	rBV	438178	849884	43.49%	4.664%
30	6.903	1725	1730	1732	rBV3	535	427	0.02%	0.002%
31	7.105	1787	1793	1798	rBV3	264	357	0.02%	0.002%
32	7.144	1798	1805	1810	rVV3	442	589	0.03%	0.003%
33	7.192	1817	1820	1821	rVV2	1493	793	0.04%	0.004%
34	7.205	1821	1824	1837	rVB7	2065	2684	0.14%	0.015%

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Sample : L2897-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0K7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Title : VOC Analysis

35	7.269	1842	1844	1851	rVB2	361	363	0.02%	0.002%
36	7.587	1929	1943	1962	rBV	240837	424796	21.74%	2.331%
37	7.816	2002	2014	2027	rBV6	6546	12164	0.62%	0.067%
38	7.922	2031	2047	2063	rBV	827918	1499245	76.72%	8.228%
39	8.198	2121	2133	2144	rBV	169085	285206	14.60%	1.565%
40	8.497	2215	2226	2232	rBV4	858	1568	0.08%	0.009%
41	8.571	2242	2249	2259	rVB6	1685	2297	0.12%	0.013%
42	8.652	2259	2274	2306	rBV	678532	1226042	62.74%	6.729%
43	8.803	2318	2321	2325	rVB4	1278	1020	0.05%	0.006%
44	8.906	2352	2353	2359	rVB2	657	342	0.02%	0.002%
45	8.941	2359	2364	2366	rBV	503	449	0.02%	0.002%
46	9.173	2430	2436	2439	rBV2	351	408	0.02%	0.002%
47	9.211	2444	2448	2453	rBV2	407	460	0.02%	0.003%
48	9.288	2468	2472	2475	rBV3	514	483	0.02%	0.003%
49	9.433	2503	2517	2555	rVB	921638	1586942	81.21%	8.709%
50	9.587	2555	2565	2574	rBV2	7058	11620	0.59%	0.064%
51	9.706	2591	2602	2615	rVV2	60135	100354	5.14%	0.551%
52	10.115	2718	2729	2743	rBV2	26453	42327	2.17%	0.232%
53	10.693	2904	2909	2913	rBV2	535	442	0.02%	0.002%
54	10.771	2918	2933	2952	rBV	637431	1014255	51.90%	5.566%
55	10.899	2969	2973	2975	rBV3	508	392	0.02%	0.002%
56	11.012	3000	3008	3013	rBV6	2182	3345	0.17%	0.018%
57	11.099	3027	3035	3042	rBV2	3093	3852	0.20%	0.021%
58	11.304	3092	3099	3104	rBV3	1693	1870	0.10%	0.010%
59	11.372	3117	3120	3125	rVV	710	510	0.03%	0.003%
60	11.420	3133	3135	3142	rVB2	489	401	0.02%	0.002%
61	11.478	3144	3153	3165	rBV2	8693	12150	0.62%	0.067%
62	11.648	3197	3206	3218	rVB8	6208	8920	0.46%	0.049%
63	11.729	3228	3231	3232	rBV3	1105	619	0.03%	0.003%
64	11.822	3246	3260	3277	rBV	981517	1560394	79.85%	8.564%
65	11.915	3279	3289	3290	rBV3	7400	10902	0.56%	0.060%
66	12.015	3316	3320	3324	rBV3	433	527	0.03%	0.003%
67	12.082	3330	3341	3345	rBV3	12658	23116	1.18%	0.127%
68	12.205	3365	3379	3396	rBV	951333	1509906	77.27%	8.287%
69	12.324	3406	3416	3425	rVB2	12854	20770	1.06%	0.114%
70	12.472	3454	3462	3467	rBV4	1920	3161	0.16%	0.017%
71	12.584	3489	3497	3502	rBV4	3632	5112	0.26%	0.028%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0K7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Title : VOC Analysis

72	12.623	3505	3509	3515	rVB	857	939	0.05%	0.005%
73	12.693	3526	3531	3542	rVB6	3133	4476	0.23%	0.025%
74	12.832	3571	3574	3581	rBV4	715	751	0.04%	0.004%
75	12.886	3589	3591	3592	rBV	1047	373	0.02%	0.002%
76	12.970	3606	3617	3632	rBV5	10673	21274	1.09%	0.117%
77	13.044	3632	3640	3648	rVB2	7459	10261	0.53%	0.056%
78	13.095	3653	3656	3658	rBV2	567	415	0.02%	0.002%
79	13.127	3663	3666	3669	rBV	760	542	0.03%	0.003%
80	13.163	3673	3677	3681	rBV2	860	831	0.04%	0.005%
81	13.314	3719	3724	3741	rVB7	4300	6102	0.31%	0.033%
82	13.407	3750	3753	3758	rBV4	563	548	0.03%	0.003%
83	13.471	3763	3773	3785	rVV7	13313	22088	1.13%	0.121%
84	13.539	3790	3794	3796	rBV4	1298	1045	0.05%	0.006%
85	13.648	3820	3828	3835	rBV5	2152	2818	0.14%	0.015%
86	13.767	3855	3865	3871	rBV10	6733	11232	0.57%	0.062%
87	13.809	3874	3878	3886	rVB6	2078	2721	0.14%	0.015%
88	13.864	3886	3895	3900	rBV8	2017	2715	0.14%	0.015%
89	13.967	3924	3927	3933	rVB6	1523	1553	0.08%	0.009%
90	14.111	3960	3972	3984	rBV	175936	278666	14.26%	1.529%
91	14.233	4001	4010	4022	rVB	5239	7771	0.40%	0.043%
92	14.439	4071	4074	4076	rBV	629	386	0.02%	0.002%
93	14.516	4092	4098	4105	rBV7	1565	2155	0.11%	0.012%
94	14.758	4170	4173	4180	rBV4	1441	1361	0.07%	0.007%
95	14.848	4198	4201	4206	rBV4	953	787	0.04%	0.004%
96	15.047	4260	4263	4264	rBV3	1009	648	0.03%	0.004%
97	15.259	4320	4329	4342	rVB	19412	30933	1.58%	0.170%
98	15.449	4379	4388	4396	rBV2	17851	27678	1.42%	0.152%
99	15.584	4427	4430	4434	rVB2	1278	907	0.05%	0.005%
100	15.976	4550	4552	4555	rBV4	1217	786	0.04%	0.004%

Sum of corrected areas: 18220908

LSC Report - Integrated Chromatogram

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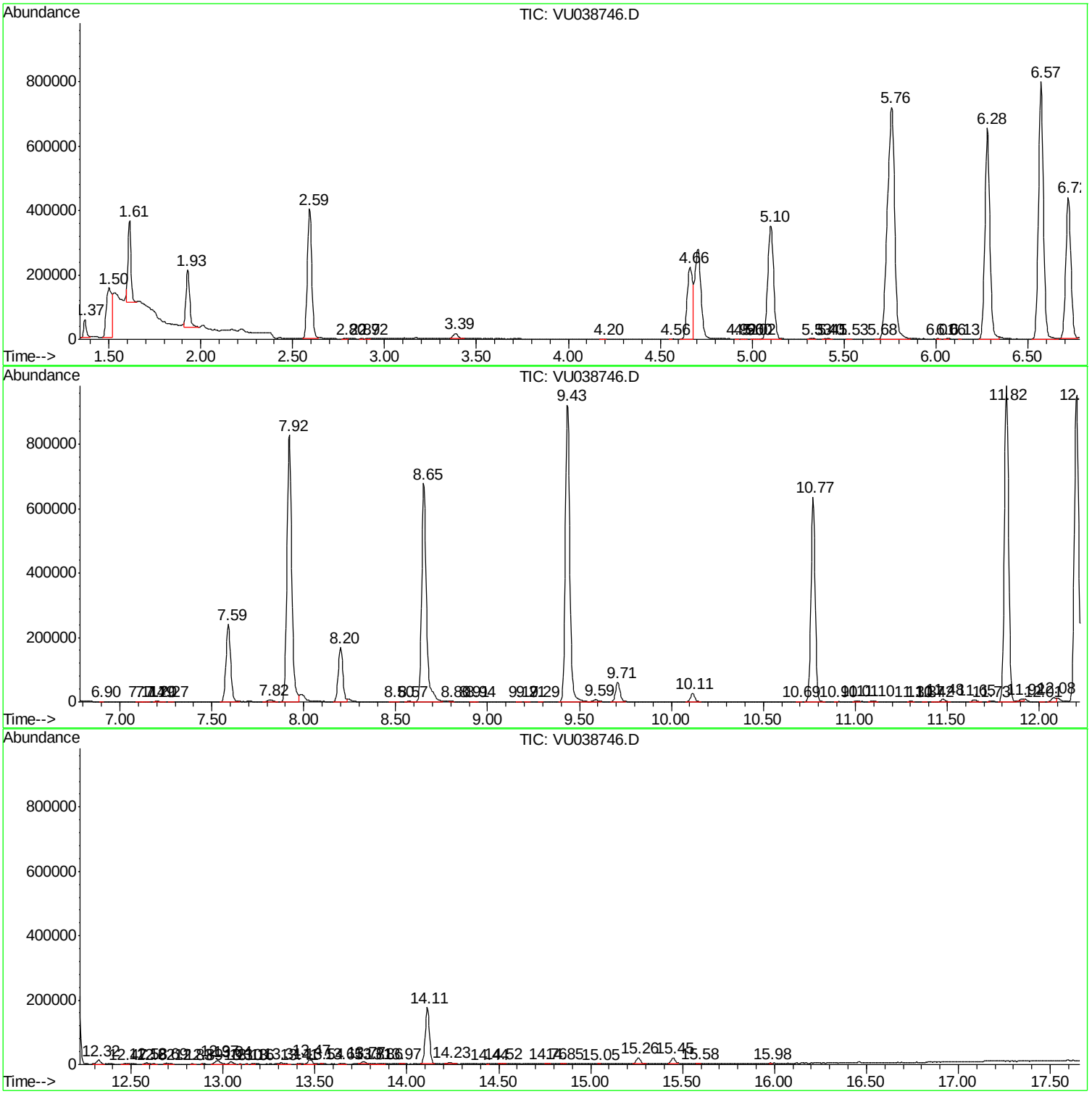
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0K7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0K7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

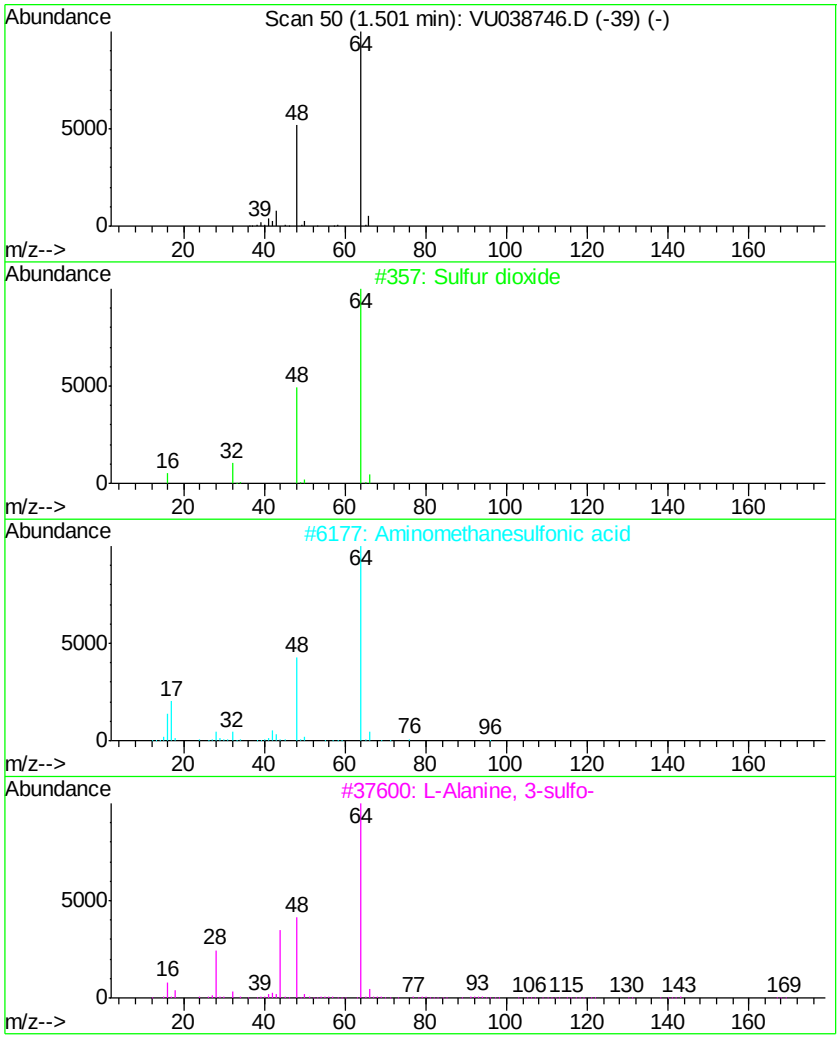
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

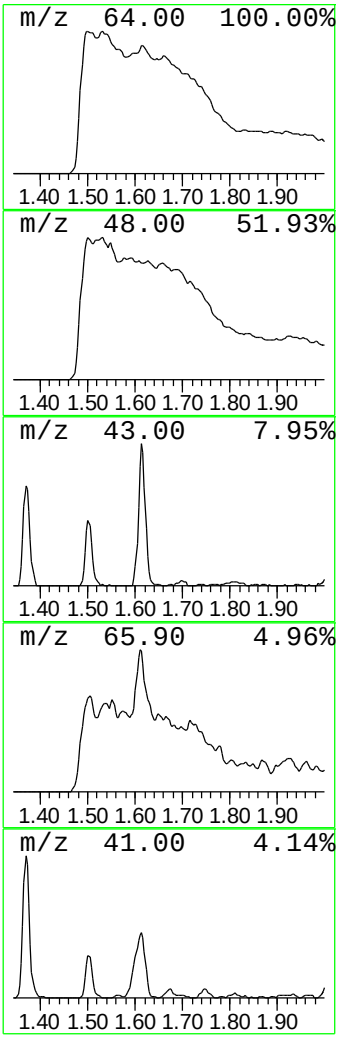
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	13.30 ug/L	328147	1,4-Difluorobenzene	6.28

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	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061020\
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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.50	13.3	ug/L	328147	1	6.28	1233520	50.0