LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013872.D
Acq On : 02 Dec 2019 15:36
Operator : SY/MD
Sample : K6028-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AB0

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_V\METHOD\SOMVLM120219WMA.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	1.209	32	37	48	rBV	68328	111459	4.72%	0.647%
2	1.315	65	70	83	rVB	299642	299540	12.69%	1.738%
3	1.579	146	152	167	rVB	312940	357939	15.17%	2.077%
4	2.129	315	323	336	rVB	613335	852849	36.14%	4.949%
5	2.582	462	464	467	rVB4	1565	883	0.04%	0.005%
6	2.602	467	470	473	rBV4	1910	1242	0.05%	0.007%
7	2.640	479	482	485	rBV4	2175	1596	0.07%	0.009%
8	2.675	491	493	496	rBV4	1419	1059	0.04%	0.006%
9	2.910	562	566	570	rBV7	910	933	0.04%	0.005%
10	2.962	579	582	584	rBV3	1317	1010	0.04%	0.006%
11	3.000	591	594	595	rBV3	1367	628	0.03%	0.004%
12	3.119	628	631	633	rBV2	1632	865	0.04%	0.005%
13	3.164	643	645	646	rBV2	1157	575	0.02%	0.003%
14	3.190	651	653	656	rVB4	1712	723	0.03%	0.004%
15	3.341	697	700	703	rVB4	1750	1171	0.05%	0.007%
16	3.380	709	712	714	rBV3	2110	1396	0.06%	0.008%
17	3.540	757	762	764	rBV5	1334	1205	0.05%	0.007%
18	3.601	777	781	783	rBV5	1006	783	0.03%	0.005%
19	3.704	809	813	816	rVB4	1124	759	0.03%	0.004%
20	3.727	816	820	825	rBV8	1117	1517	0.06%	0.009%
21	3.814	842	847	853	rBV9	1818	2565	0.11%	0.015%
22	3.836	853	854	858	rBV3	808	444	0.02%	0.003%
23	3.852	858	859	863	rVB3	972	475	0.02%	0.003%
24	3.872	863	865	869	rVB3	1027	792	0.03%	0.005%
25	3.923	869	881	911	rBV	183725	495466	21.00%	2.875%
26	4.396	1008	1028	1053	rBV	392094	958048	40.60%	5.560%
27	4.804	1153	1155	1156	rBV3	1479	576	0.02%	0.003%
28	4.939	1195	1197	1199	rBV2	1583	734	0.03%	0.004%
29	5.090	1225	1244	1270	rBV2	929942	2359763	100.00%	13.695%
30	5.595	1396	1401	1403	rBV6	1744	1424	0.06%	0.008%
31	5.614	1406	1407	1408	rBV	1372	508	0.02%	0.003%
32	5.659	1408	1421	1443	rVV	620209	1208561	51.22%	7.014%
33	5.949	1499	1511	1523	rBV6	25900	56194	2.38%	0.326%
34	6.113	1549	1562	1579	rBV	491683	994308	42.14%	5.770%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

35	6.605	1712	1715	1719	rVB4	1943	1493	0.06%	0.009%
36	6.630	1719	1723	1724	rBV2	1578	1114	0.05%	0.006%
37	6.933	1814	1817	1818	rBV3	1461	982	0.04%	0.006%
38	6.958	1822	1825	1827	rBV3	858	464	0.02%	0.003%
39	7.026	1835	1846	1868	rBV	266872	484435	20.53%	2.811%
40	7.357	1936	1949	1966	rBV	1040087	1799885	76.27%	10.446%
41	7.659	2033	2043	2067	rBV	195483	335122	14.20%	1.945%
42	8.090	2173	2177	2178	rBV4	1664	1072	0.05%	0.006%
43	8.129	2178	2189	2223	rVV2	502029	1072516	45.45%	6.224%
44	8.469	2293	2295	2299	rBV5	1607	1340	0.06%	0.008%
45	8.489	2299	2301	2306	rVB5	1614	1017	0.04%	0.006%
46	8.646	2346	2350	2352	rBV5	1586	1374	0.06%	0.008%
47	8.765	2383	2387	2388	rBV3	1603	1032	0.04%	0.006%
48	8.804	2394	2399	2400	rBV3	1569	1139	0.05%	0.007%
49	8.891	2414	2426	2451	rBV	911880	1489905	63.14%	8.647%
50	9.299	2549	2553	2554	rBV3	731	461	0.02%	0.003%
51	9.386	2578	2580	2583	rBV4	1091	630	0.03%	0.004%
52	9.447	2592	2599	2602	rBV8	1356	1580	0.07%	0.009%
53	9.592	2633	2644	2646	rBV9	6892	12351	0.52%	0.072%
54	9.666	2664	2667	2669	rBV3	1131	620	0.03%	0.004%
55	9.714	2679	2682	2684	rBV4	1166	765	0.03%	0.004%
56	9.765	2695	2698	2699	rBV2	1634	835	0.04%	0.005%
57	9.833	2717	2719	2721	rBV3	997	578	0.02%	0.003%
58	9.875	2729	2732	2733	rBV2	1065	589	0.02%	0.003%
59	9.916	2743	2745	2750	rVB4	1249	757	0.03%	0.004%
60	9.974	2754	2763	2771	rVV5	6316	10190	0.43%	0.059%
61	10.080	2792	2796	2797	rBV2	1237	931	0.04%	0.005%
62	10.186	2825	2829	2832	rBV5	1882	1928	0.08%	0.011%
63	10.254	2837	2850	2876	rBV	678774	1094656	46.39%	6.353%
64	10.360	2880	2883	2886	rBV3	1504	848	0.04%	0.005%
65	10.418	2894	2901	2902	rBV7	4439	3889	0.16%	0.023%
66	10.553	2941	2943	2944	rBV2	1205	578	0.02%	0.003%
67	10.582	2944	2952	2958	rVV4	6413	10301	0.44%	0.060%
68	10.653	2972	2974	2978	rBV3	1223	656	0.03%	0.004%
69	10.707	2989	2991	2992	rBV2	1081	577	0.02%	0.003%
70	10.749	3001	3004	3007	rVB5	1629	1187	0.05%	0.007%
71	10.765	3007	3009	3011	rBV3	1009	546	0.02%	0.003%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

72	10.852	3032	3036	3040	rBV6	1194	1345	0.06%	0.008%
73	10.891	3045	3048	3054	rVB7	1661	1689	0.07%	0.010%
74	10.955	3063	3068	3077	rVB4	7218	9618	0.41%	0.056%
75	11.148	3126	3128	3129	rBV2	946	466	0.02%	0.003%
76	11.225	3138	3152	3160	rBV3	12140	22525	0.95%	0.131%
77	11.289	3160	3172	3193	rVV	844006	1335836	56.61%	7.752%
78	11.463	3223	3226	3232	rBV8	2238	1966	0.08%	0.011%
79	11.498	3232	3237	3238	rBV3	1351	967	0.04%	0.006%
80	11.665	3276	3289	3309	rBV	1052006	1653694	70.08%	9.597%
81	11.871	3350	3353	3355	rVB4	1378	719	0.03%	0.004%
82	11.887	3355	3358	3362	rBV6	2097	2027	0.09%	0.012%
83	11.997	3390	3392	3394	rBV3	809	467	0.02%	0.003%
84	12.212	3457	3459	3462	rBV4	1171	563	0.02%	0.003%
85	12.257	3471	3473	3476	rVB2	1054	550	0.02%	0.003%
86	12.312	3488	3490	3492	rBV3	781	464	0.02%	0.003%
87	12.415	3520	3522	3524	rBV3	896	457	0.02%	0.003%
88	12.534	3556	3559	3560	rBV2	894	436	0.02%	0.003%
89	12.691	3599	3608	3616	rBV2	18325	28314	1.20%	0.164%
90	12.813	3644	3646	3651	rBV5	1644	1125	0.05%	0.007%
91	12.862	3659	3661	3666	rVB4	1478	955	0.04%	0.006%
92	13.128	3741	3744	3745	rBV3	1237	631	0.03%	0.004%
93	13.222	3769	3773	3776	rBV6	2274	1789	0.08%	0.010%
94	13.309	3791	3800	3811	rBV3	21190	35549	1.51%	0.206%
95	13.550	3869	3875	3891	rVB	22879	38170	1.62%	0.222%
96	13.791	3944	3950	3962	rVB4	19311	29908	1.27%	0.174%
97	13.993	4010	4013	4015	rBV4	1946	1356	0.06%	0.008%
98	14.292	4104	4106	4108	rBV2	1222	692	0.03%	0.004%
99	14.363	4127	4128	4129	rBV	1422	488	0.02%	0.003%
100	15.019	4329	4332	4335	rBV4	2162	1957	0.08%	0.011%

Sum of corrected areas: 17231056

LSC Report - Integrated Chromatogram

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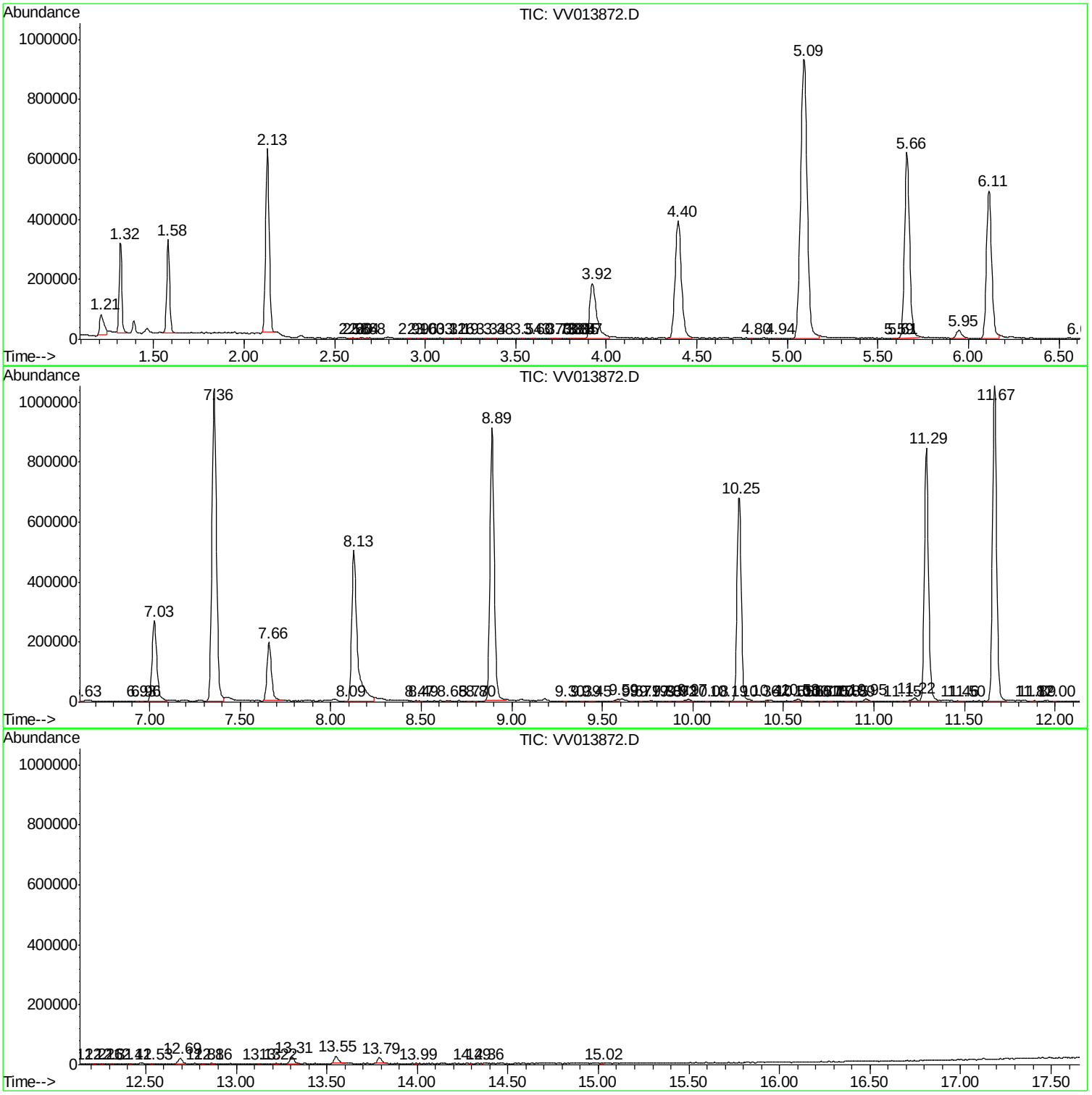
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AB0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_V
ClientSampleId : H0AB0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

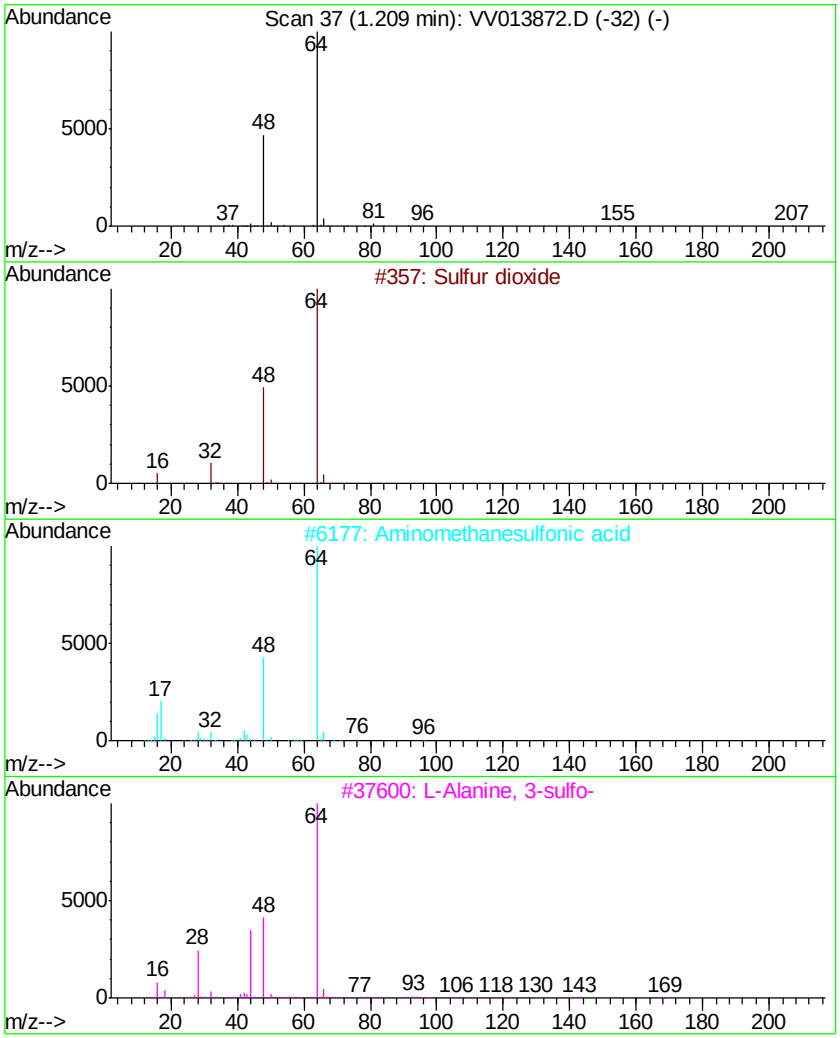
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

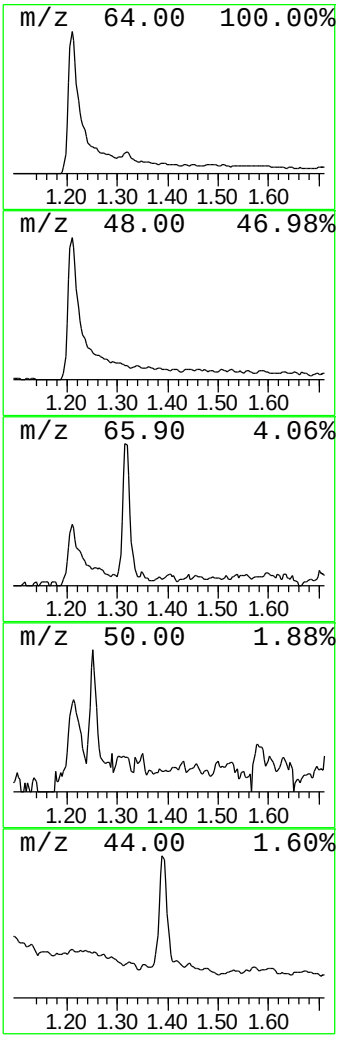
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	4.61 ug/L	111459	1,4-Difluorobenzene	5.66

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	Thiosulfuric acid (H2S2O3), S-(2...	320	C11H16N2O3S3	040284-00-2	9
5	S-2-[4-Glutarimidobutylamino]eth...	324	C11H20N2O5S2	031701-78-7	9





Tentatively Identified Compound (LSC) summary

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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	1.21	4.6	ug/L	111459	1	5.66	1208560	50.0