LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013846.D
Acq On : 29 Nov 2019 13:46
Operator : SY/MD
Sample : K6060-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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\SOMVLM110619WMA.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	49	rBV	84166	128884	5.33%	0.704%
2	1.319	65	71	86	rVB	323299	319772	13.23%	1.747%
3	1.582	146	153	164	rVB	277171	311281	12.88%	1.700%
4	2.129	314	323	336	rBV	538155	760950	31.49%	4.157%
5	2.447	420	422	423	rBV2	965	421	0.02%	0.002%
6	2.601	468	470	474	rBV5	882	627	0.03%	0.003%
7	2.753	516	517	521	rBV3	990	758	0.03%	0.004%
8	2.881	555	557	560	rBV4	1149	594	0.02%	0.003%
9	2.907	563	565	569	rVB3	2290	1310	0.05%	0.007%
10	2.955	575	580	581	rBV4	1182	1110	0.05%	0.006%
11	2.994	589	592	594	rBV3	1354	912	0.04%	0.005%
12	3.007	594	596	599	rVB3	1416	938	0.04%	0.005%
13	3.071	609	616	621	rBV9	1680	2497	0.10%	0.014%
14	3.142	633	638	641	rBV6	1274	1116	0.05%	0.006%
15	3.315	688	692	695	rVB3	1013	869	0.04%	0.005%
16	3.344	698	701	705	rVB4	1587	1026	0.04%	0.006%
17	3.521	754	756	759	rBV3	946	733	0.03%	0.004%
18	3.537	759	761	762	rBV2	1013	446	0.02%	0.002%
19	3.611	781	784	789	rVB6	1189	875	0.04%	0.005%
20	3.640	789	793	799	rVB6	949	1255	0.05%	0.007%
21	3.669	799	802	804	rBV3	1091	691	0.03%	0.004%
22	3.682	804	806	808	rVB3	1265	531	0.02%	0.003%
23	3.695	808	810	813	rBV3	671	411	0.02%	0.002%
24	3.714	813	816	821	rBV6	1153	1112	0.05%	0.006%
25	3.798	840	842	846	rBV4	1069	765	0.03%	0.004%
26	3.830	848	852	855	rVB3	1309	1071	0.04%	0.006%
27	3.855	857	860	864	rBV5	1369	1161	0.05%	0.006%
28	3.920	870	880	904	rBV	183875	483555	20.01%	2.642%
29	4.396	1012	1028	1053	rBV	406396	989673	40.95%	5.406%
30	4.637	1101	1103	1106	rBV3	1086	880	0.04%	0.005%
31	4.672	1112	1114	1117	rBV4	1859	1347	0.06%	0.007%
32	4.814	1155	1158	1160	rBV4	1902	1094	0.05%	0.006%
33	4.981	1206	1210	1212	rBV5	1333	941	0.04%	0.005%
34	5.093	1227	1245	1267	rBV2	949850	2416736	100.00%	13.202%

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ALS Vial : 11 Sample Multiplier: 1

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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\SOMVLM110619WMA.M
Title : VOC Analysis

35	5.659	1407	1421	1443	rBV	764766	1503089	62.20%	8.211%
36	6.113	1550	1562	1583	rVB2	545251	1074663	44.47%	5.871%
37	6.952	1820	1823	1828	rVB6	2102	1603	0.07%	0.009%
38	7.026	1834	1846	1863	rBV	289585	510556	21.13%	2.789%
39	7.357	1936	1949	1968	rBV	1097705	1895442	78.43%	10.354%
40	7.659	2033	2043	2062	rVB	201485	340892	14.11%	1.862%
41	8.125	2177	2188	2218	rBV	574807	1087956	45.02%	5.943%
42	8.698	2364	2366	2368	rBV3	887	558	0.02%	0.003%
43	8.791	2392	2395	2398	rBV5	1378	1206	0.05%	0.007%
44	8.891	2412	2426	2447	rBV	1130117	1813487	75.04%	9.907%
45	9.360	2570	2572	2574	rBV3	1151	659	0.03%	0.004%
46	9.428	2592	2593	2595	rBV2	1193	500	0.02%	0.003%
47	9.476	2605	2608	2611	rVB4	1745	986	0.04%	0.005%
48	9.508	2614	2618	2622	rVB7	1854	1392	0.06%	0.008%
49	9.537	2624	2627	2628	rBV3	981	410	0.02%	0.002%
50	9.579	2637	2640	2641	rBV3	1858	725	0.03%	0.004%
51	9.772	2698	2700	2701	rBV2	1863	785	0.03%	0.004%
52	9.871	2729	2731	2733	rBV2	1129	562	0.02%	0.003%
53	9.929	2744	2749	2751	rVV4	914	725	0.03%	0.004%
54	9.974	2759	2763	2764	rBV4	1127	824	0.03%	0.005%
55	10.000	2769	2771	2773	rVB3	893	413	0.02%	0.002%
56	10.064	2787	2791	2793	rBV5	1487	1031	0.04%	0.006%
57	10.077	2793	2795	2797	rBV4	1322	596	0.02%	0.003%
58	10.154	2817	2819	2825	rBV7	2072	2104	0.09%	0.011%
59	10.180	2825	2827	2829	rBV3	1129	503	0.02%	0.003%
60	10.254	2837	2850	2870	rBV	749633	1169243	48.38%	6.387%
61	10.389	2891	2892	2894	rBV	1297	594	0.02%	0.003%
62	10.447	2908	2910	2912	rBV3	1587	735	0.03%	0.004%
63	10.543	2936	2940	2943	rBV4	942	827	0.03%	0.005%
64	10.643	2969	2971	2973	rVB3	1085	500	0.02%	0.003%
65	10.656	2973	2975	2978	rBV3	1254	736	0.03%	0.004%
66	10.688	2979	2985	2988	rVV7	2147	1898	0.08%	0.010%
67	10.772	3009	3011	3012	rBV2	1100	486	0.02%	0.003%
68	10.813	3019	3024	3026	rBV5	1970	1579	0.07%	0.009%
69	10.836	3030	3031	3035	rVB4	1517	593	0.02%	0.003%
70	10.939	3058	3063	3066	rBV7	1976	1789	0.07%	0.010%
71	10.964	3066	3071	3073	rBV5	1462	1247	0.05%	0.007%

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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Title : VOC Analysis

72	11.000	3080	3082	3085	rBV4	1587	784	0.03%	0.004%
73	11.051	3096	3098	3101	rVB2	1050	660	0.03%	0.004%
74	11.087	3106	3109	3110	rBV3	721	495	0.02%	0.003%
75	11.244	3154	3158	3160	rBV4	1577	1543	0.06%	0.008%
76	11.289	3160	3172	3190	rVV	1077246	1647536	68.17%	9.000%
77	11.550	3251	3253	3256	rBV4	1375	743	0.03%	0.004%
78	11.665	3278	3289	3309	rBV	1128933	1775283	73.46%	9.698%
79	11.884	3356	3357	3361	rBV4	1507	741	0.03%	0.004%
80	11.971	3379	3384	3387	rBV6	1265	1328	0.05%	0.007%
81	12.083	3415	3419	3423	rBV4	1179	1287	0.05%	0.007%
82	12.116	3427	3429	3433	rBV4	1340	1099	0.05%	0.006%
83	12.344	3497	3500	3501	rBV2	1046	501	0.02%	0.003%
84	12.530	3556	3558	3561	rVB3	1676	853	0.04%	0.005%
85	12.553	3561	3565	3567	rBV3	1758	1648	0.07%	0.009%
86	12.788	3636	3638	3640	rBV4	1126	576	0.02%	0.003%
87	12.800	3640	3642	3646	rVB2	1478	968	0.04%	0.005%
88	12.865	3659	3662	3664	rVB4	1126	554	0.02%	0.003%
89	12.945	3686	3687	3690	rBV2	1134	784	0.03%	0.004%
90	13.042	3715	3717	3718	rBV2	1285	700	0.03%	0.004%
91	13.283	3789	3792	3796	rBV4	1647	921	0.04%	0.005%
92	13.443	3840	3842	3845	rBV3	1311	777	0.03%	0.004%
93	13.640	3900	3903	3905	rBV4	1717	1243	0.05%	0.007%
94	13.694	3917	3920	3921	rBV3	1217	562	0.02%	0.003%
95	13.768	3940	3943	3947	rBV4	1851	1208	0.05%	0.007%
96	14.041	4025	4028	4029	rBV3	884	415	0.02%	0.002%
97	14.086	4040	4042	4044	rBV3	2057	1281	0.05%	0.007%
98	14.122	4049	4053	4055	rBV4	1281	906	0.04%	0.005%
99	14.135	4055	4057	4060	rVB3	1487	618	0.03%	0.003%
100	14.697	4227	4232	4233	rBV5	1904	1627	0.07%	0.009%

Sum of corrected areas: 18305877

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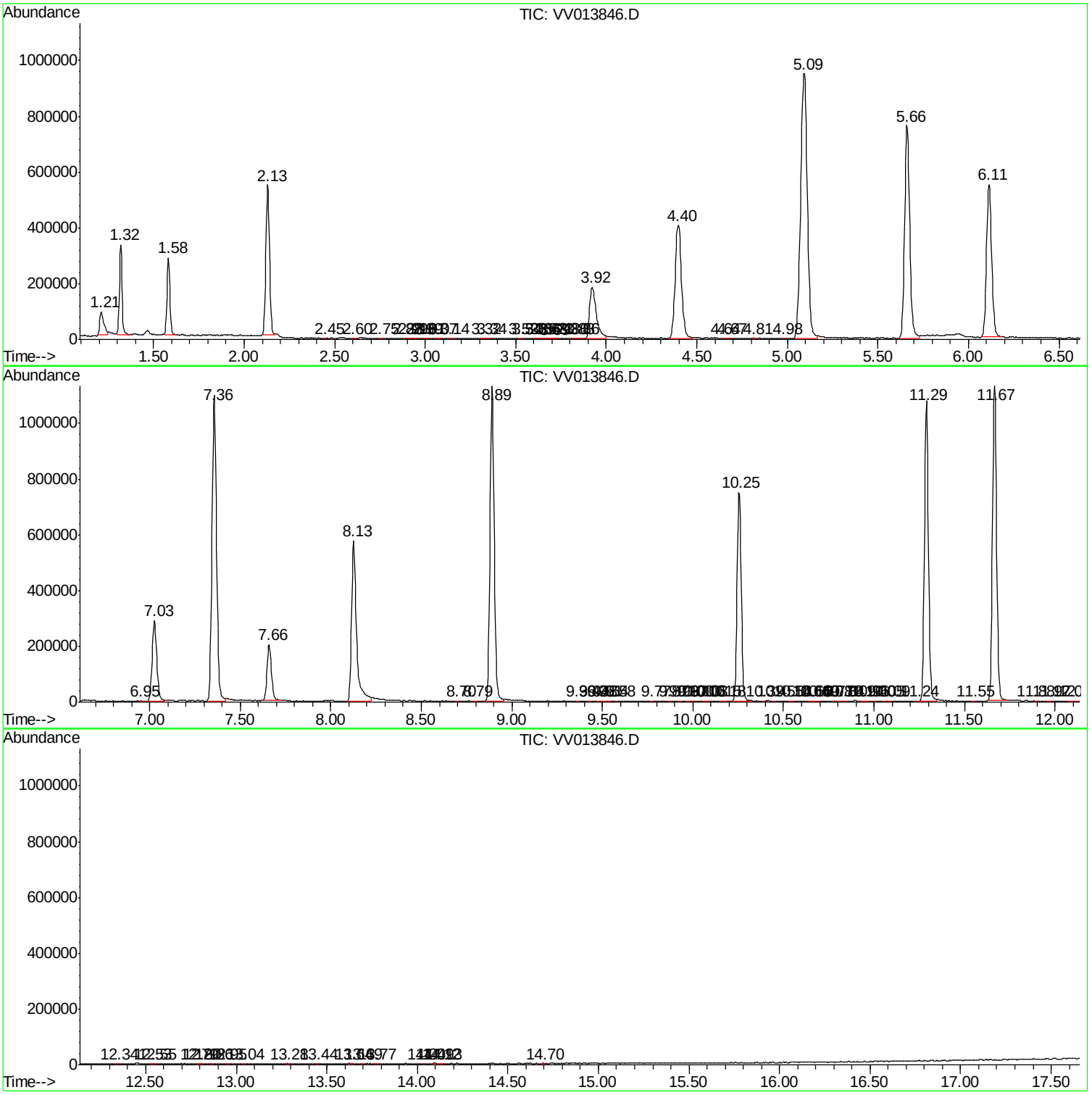
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\
Data File : VV013846.D
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Operator : SY/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

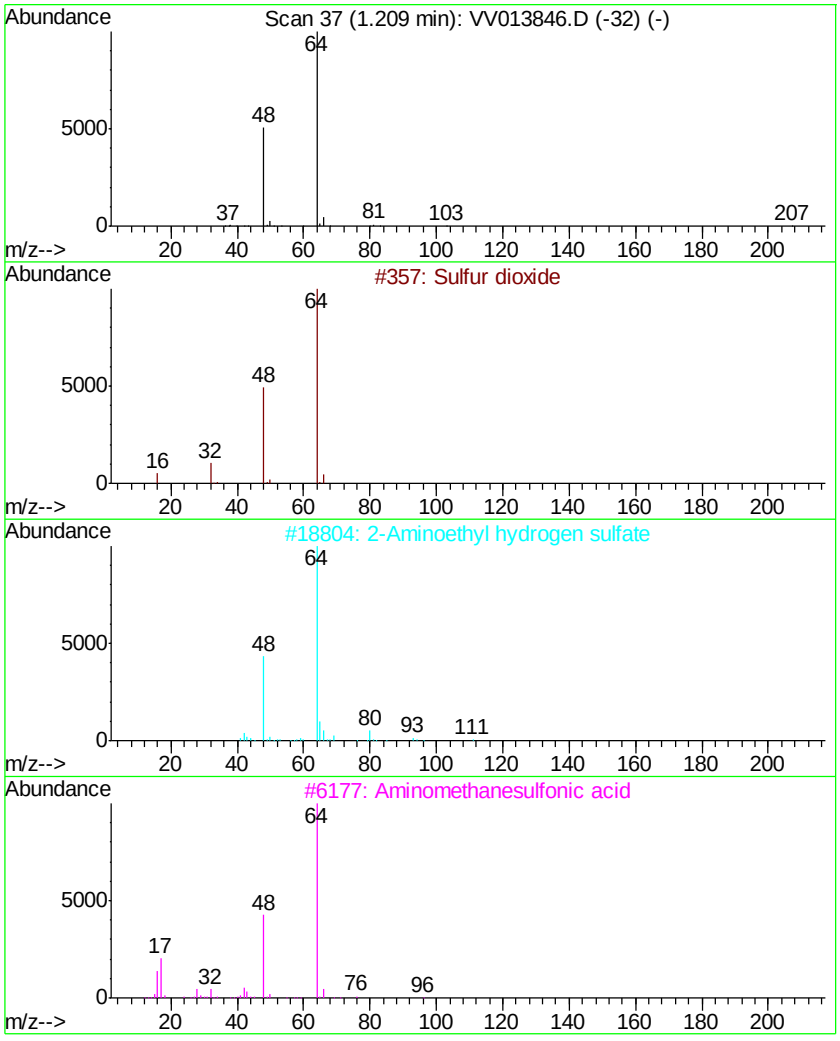
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

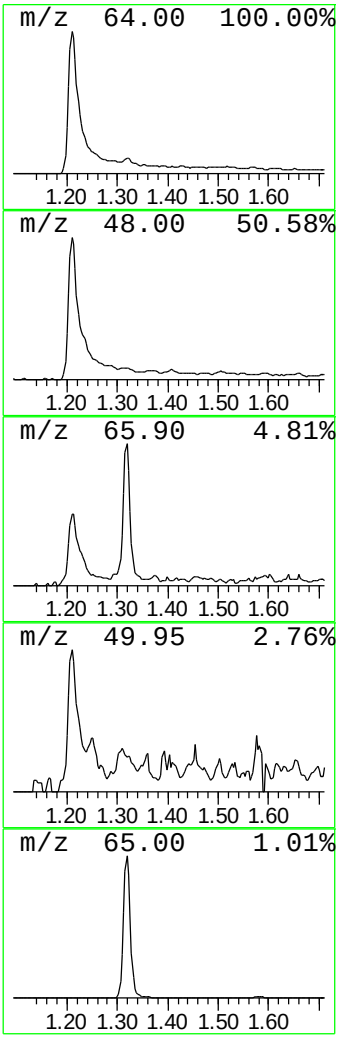
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	4.29 ug/L	128884	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	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	4.3	ug/L	128884	1	5.66	1503090	50.0