LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013854.D
Acq On : 29 Nov 2019 16:55
Operator : SY/MD
Sample : K6061-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ6

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	57	rBV	99405	171143	7.07%	0.832%
2	1.319	65	71	83	rVB	334459	325945	13.46%	1.585%
3	1.582	146	153	165	rVB	294337	324113	13.38%	1.576%
4	1.769	204	211	222	rVB	242120	307709	12.71%	1.497%
5	2.129	315	323	337	rVB	563505	781186	32.26%	3.799%
6	2.367	395	397	401	rBV4	1115	695	0.03%	0.003%
7	2.386	401	403	407	rVB5	2114	1244	0.05%	0.006%
8	2.601	464	470	473	rBB7	1638	1711	0.07%	0.008%
9	2.749	513	516	520	rBV3	1808	1294	0.05%	0.006%
10	2.968	582	584	586	rBV3	1532	653	0.03%	0.003%
11	3.142	635	638	642	rVV4	851	622	0.03%	0.003%
12	3.183	649	651	655	rVB4	1355	918	0.04%	0.004%
13	3.235	666	667	669	rVV2	1592	660	0.03%	0.003%
14	3.264	673	676	678	rBV4	2124	1449	0.06%	0.007%
15	3.296	682	686	690	rVB7	1348	1312	0.05%	0.006%
16	3.315	690	692	696	rBV3	1085	779	0.03%	0.004%
17	3.357	701	705	709	rBV6	1153	1055	0.04%	0.005%
18	3.611	782	784	787	rVB4	1832	954	0.04%	0.005%
19	3.634	787	791	793	rBV5	1566	1216	0.05%	0.006%
20	3.708	808	814	815	rBV4	773	700	0.03%	0.003%
21	3.756	827	829	832	rBV5	1235	698	0.03%	0.003%
22	3.827	848	851	852	rBV2	1135	675	0.03%	0.003%
23	3.920	870	880	909	rBV	179757	478942	19.78%	2.329%
24	4.302	997	999	1004	rBV5	1538	1328	0.05%	0.006%
25	4.396	1013	1028	1053	rBV	408022	977273	40.36%	4.753%
26	4.794	1149	1152	1155	rBV5	1353	891	0.04%	0.004%
27	4.939	1195	1197	1199	rBV2	1606	910	0.04%	0.004%
28	5.010	1217	1219	1224	rVB3	1498	836	0.03%	0.004%
29	5.093	1224	1245	1269	rBV2	947170	2421674	100.00%	11.778%
30	5.492	1366	1369	1372	rBV5	2572	1857	0.08%	0.009%
31	5.659	1408	1421	1456	rBV	746912	1490733	61.56%	7.250%
32	6.113	1550	1562	1582	rVB	530907	1059459	43.75%	5.153%
33	6.534	1691	1693	1695	rBV3	1357	732	0.03%	0.004%
34	6.621	1715	1720	1721	rBV5	1439	1282	0.05%	0.006%

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ6

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

35	6.878	1797	1800	1802	rBV3	1485	995	0.04%	0.005%
36	6.929	1811	1816	1818	rBV5	1689	1566	0.06%	0.008%
37	7.026	1834	1846	1864	rBV	283435	505564	20.88%	2.459%
38	7.270	1919	1922	1923	rBV2	1724	983	0.04%	0.005%
39	7.357	1936	1949	1969	rBV	1089382	1878746	77.58%	9.137%
40	7.659	2033	2043	2059	rBV2	199263	339387	14.01%	1.651%
41	7.913	2120	2122	2125	rBV4	1772	895	0.04%	0.004%
42	8.016	2139	2154	2170	rBV	1207037	2050773	84.68%	9.974%
43	8.125	2178	2188	2220	rBV	539642	1053961	43.52%	5.126%
44	8.752	2379	2383	2386	rVV5	2398	1675	0.07%	0.008%
45	8.891	2413	2426	2450	rBV	1114061	1798265	74.26%	8.746%
46	9.209	2523	2525	2527	rBV3	1543	719	0.03%	0.003%
47	9.264	2538	2542	2544	rBV3	1164	696	0.03%	0.003%
48	9.341	2564	2566	2570	rVB4	1700	899	0.04%	0.004%
49	9.360	2570	2572	2576	rVB4	888	636	0.03%	0.003%
50	9.698	2676	2677	2680	rVB3	1715	661	0.03%	0.003%
51	9.739	2685	2690	2695	rBV8	1387	1888	0.08%	0.009%
52	9.826	2711	2717	2718	rBV4	1225	968	0.04%	0.005%
53	9.849	2720	2724	2726	rBV4	1909	1147	0.05%	0.006%
54	9.894	2735	2738	2742	rBV5	1412	794	0.03%	0.004%
55	9.936	2746	2751	2752	rBV4	1281	1035	0.04%	0.005%
56	10.035	2779	2782	2788	rVB6	2278	1554	0.06%	0.008%
57	10.064	2788	2791	2794	rBV3	1839	1054	0.04%	0.005%
58	10.090	2794	2799	2802	rBV6	1124	1158	0.05%	0.006%
59	10.109	2803	2805	2809	rVB4	1458	786	0.03%	0.004%
60	10.183	2826	2828	2830	rVB3	1563	650	0.03%	0.003%
61	10.196	2830	2832	2836	rVB3	2677	1424	0.06%	0.007%
62	10.254	2836	2850	2871	rBV	729314	1153820	47.65%	5.612%
63	10.395	2890	2894	2897	rBV4	1415	1311	0.05%	0.006%
64	10.415	2897	2900	2902	rBV4	2347	1670	0.07%	0.008%
65	10.469	2913	2917	2920	rBV5	1671	1356	0.06%	0.007%
66	10.543	2937	2940	2943	rBV5	1445	1246	0.05%	0.006%
67	10.633	2965	2968	2973	rVB6	1586	1065	0.04%	0.005%
68	10.659	2973	2976	2978	rBV2	1302	778	0.03%	0.004%
69	10.720	2993	2995	2997	rBV	1209	636	0.03%	0.003%
70	10.894	3043	3049	3052	rBV7	2090	1855	0.08%	0.009%
71	10.952	3064	3067	3070	rBV5	1351	849	0.04%	0.004%

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Instrument : MSVOA_V
ClientSampleId : C0XQ6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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	11.090	3105	3110	3112	rBV4	1286	1256	0.05%	0.006%
73	11.202	3140	3145	3146	rBV4	1538	1374	0.06%	0.007%
74	11.289	3159	3172	3195	rBV	1036150	1613663	66.63%	7.848%
75	11.469	3226	3228	3231	rBV4	916	617	0.03%	0.003%
76	11.546	3249	3252	3257	rBV7	2064	2150	0.09%	0.010%
77	11.665	3277	3289	3308	rBV	1118203	1741242	71.90%	8.469%
78	11.955	3377	3379	3381	rBV3	1324	783	0.03%	0.004%
79	12.183	3447	3450	3453	rVB5	1449	804	0.03%	0.004%
80	12.247	3468	3470	3471	rBV2	1474	754	0.03%	0.004%
81	12.312	3487	3490	3492	rBV4	1713	1135	0.05%	0.006%
82	12.350	3500	3502	3504	rBV2	940	651	0.03%	0.003%
83	12.559	3564	3567	3569	rBV3	1117	657	0.03%	0.003%
84	12.636	3589	3591	3594	rBV3	1131	713	0.03%	0.003%
85	13.000	3700	3704	3706	rBV4	974	728	0.03%	0.004%
86	13.144	3744	3749	3751	rBV5	1515	1329	0.05%	0.006%
87	13.164	3751	3755	3758	rVV5	1737	1265	0.05%	0.006%
88	13.225	3771	3774	3780	rBV5	673	773	0.03%	0.004%
89	13.299	3790	3797	3801	rBV9	2046	2391	0.10%	0.012%
90	13.460	3845	3847	3849	rBV3	1543	692	0.03%	0.003%
91	13.482	3849	3854	3856	rBV4	1563	1415	0.06%	0.007%
92	13.627	3897	3899	3906	rVB6	1691	1570	0.06%	0.008%
93	13.659	3906	3909	3912	rBV4	1575	1002	0.04%	0.005%
94	13.987	4008	4011	4013	rVB3	1092	650	0.03%	0.003%
95	14.009	4014	4018	4020	rBV3	1479	1002	0.04%	0.005%
96	14.199	4075	4077	4080	rBV2	1816	1171	0.05%	0.006%
97	14.305	4108	4110	4114	rVB3	1532	954	0.04%	0.005%
98	14.324	4114	4116	4117	rBV2	1481	615	0.03%	0.003%
99	14.379	4130	4133	4136	rBV4	2865	1957	0.08%	0.010%
100	14.472	4157	4162	4163	rBV4	2061	1448	0.06%	0.007%

Sum of corrected areas: 20560874

LSC Report - Integrated Chromatogram

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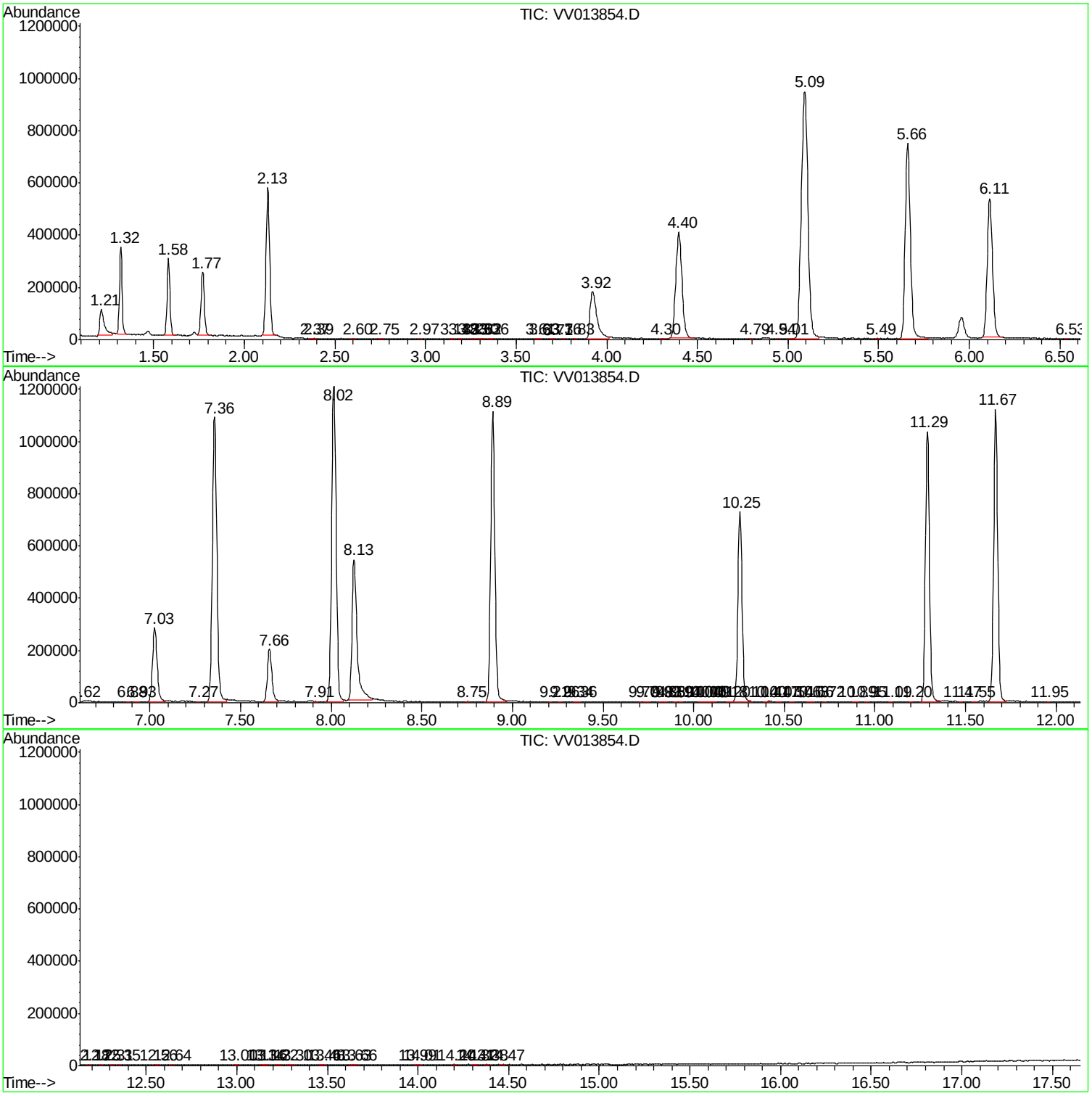
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ6

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 : VV013854.D
Acq On : 29 Nov 2019 16:55
Operator : SY/MD
Sample : K6061-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ6

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

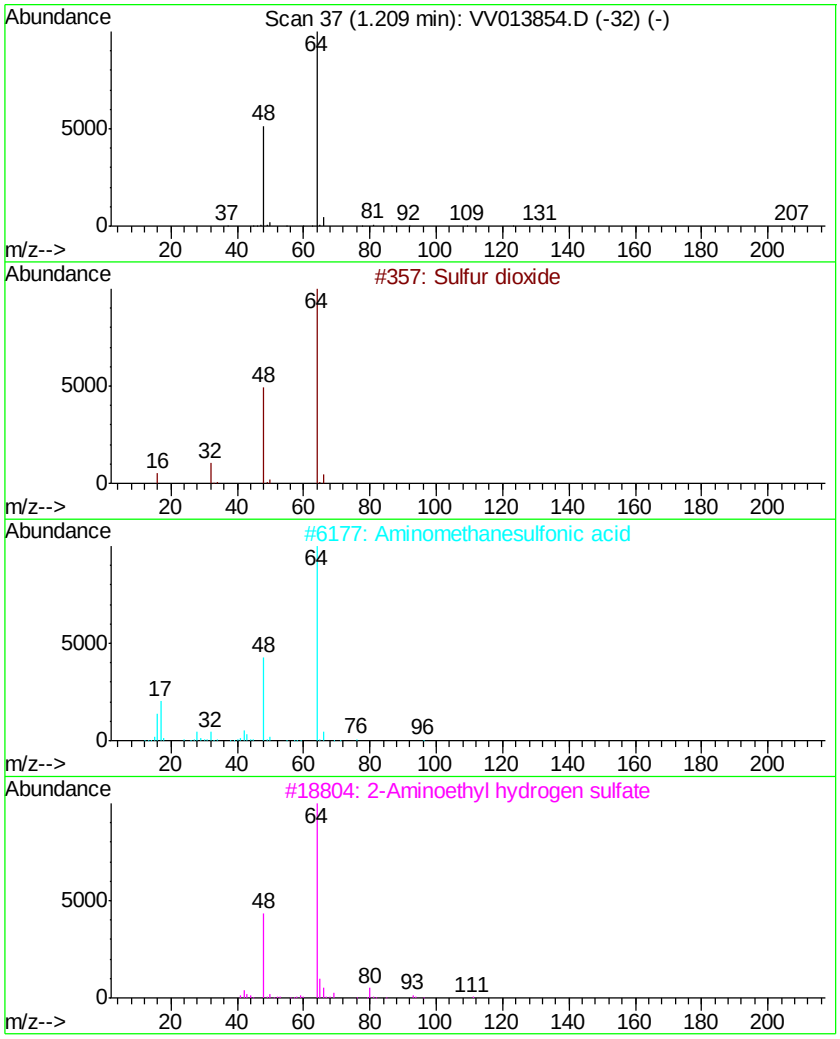
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

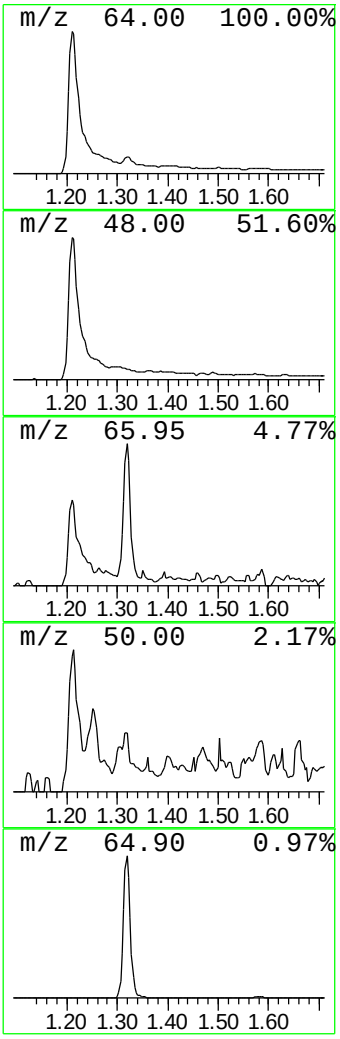
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	5.74 ug/L	171143	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	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	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	5.7	ug/L	171143	1	5.66	1490730	50.0