LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013850.D
Acq On : 29 Nov 2019 15:21
Operator : SY/MD
Sample : K6007-21
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BK8

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	31	37	58	rBV	113390	199724	8.12%	1.070%
2	1.319	65	71	81	rVB	337628	324806	13.21%	1.740%
3	1.582	146	153	162	rVB	287370	322902	13.14%	1.730%
4	2.129	314	323	335	rBV	569002	792605	32.24%	4.246%
5	2.734	509	511	517	rBV7	1980	2169	0.09%	0.012%
6	2.878	555	556	562	rVB6	2000	1250	0.05%	0.007%
7	2.914	565	567	569	rVB4	1296	552	0.02%	0.003%
8	2.933	569	573	575	rBV2	1150	964	0.04%	0.005%
9	2.984	587	589	593	rBV3	1363	779	0.03%	0.004%
10	3.065	611	614	616	rVB4	1251	900	0.04%	0.005%
11	3.119	629	631	634	rBV2	901	571	0.02%	0.003%
12	3.152	638	641	642	rBV2	1284	719	0.03%	0.004%
13	3.187	646	652	655	rBV7	1420	1307	0.05%	0.007%
14	3.209	655	659	662	rBV5	2011	1638	0.07%	0.009%
15	3.277	674	680	686	rBV9	1255	1963	0.08%	0.011%
16	3.325	692	695	698	rBV6	1014	552	0.02%	0.003%
17	3.341	698	700	704	rVB5	1329	833	0.03%	0.004%
18	3.364	704	707	711	rBV4	1381	859	0.03%	0.005%
19	3.431	726	728	729	rBV2	1254	542	0.02%	0.003%
20	3.483	741	744	748	rVB3	1643	1051	0.04%	0.006%
21	3.544	760	763	765	rBV2	991	605	0.02%	0.003%
22	3.589	775	777	783	rVB6	1682	1267	0.05%	0.007%
23	3.643	789	794	797	rBV6	1236	898	0.04%	0.005%
24	3.753	826	828	835	rBV6	1642	1630	0.07%	0.009%
25	3.798	839	842	844	rBV3	1394	969	0.04%	0.005%
26	3.923	868	881	917	rBV	184204	494143	20.10%	2.647%
27	4.264	986	987	991	rVB4	2262	1003	0.04%	0.005%
28	4.290	993	995	999	rBV4	1132	832	0.03%	0.004%
29	4.396	1012	1028	1058	rBV	423413	1016468	41.35%	5.445%
30	4.791	1146	1151	1157	rBV8	1577	2159	0.09%	0.012%
31	4.936	1193	1196	1198	rBV3	1070	560	0.02%	0.003%
32	5.013	1218	1220	1222	rBV3	1388	726	0.03%	0.004%
33	5.094	1225	1245	1272	rVV2	964319	2458173	100.00%	13.167%
34	5.499	1368	1371	1372	rBV3	2149	1185	0.05%	0.006%

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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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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

35	5.585	1396	1398	1402	rVB3	1307	635	0.03%	0.003%
36	5.605	1402	1404	1406	rBV3	1197	633	0.03%	0.003%
37	5.659	1408	1421	1444	rVV	777210	1516124	61.68%	8.121%
38	6.113	1550	1562	1583	rBV	541870	1079497	43.91%	5.782%
39	6.862	1790	1795	1798	rVB6	2252	2000	0.08%	0.011%
40	7.026	1835	1846	1863	rBV	294494	511495	20.81%	2.740%
41	7.296	1927	1930	1932	rVB3	2259	1243	0.05%	0.007%
42	7.357	1936	1949	1966	rBV	1105464	1889581	76.87%	10.121%
43	7.659	2033	2043	2062	rBV	207194	347317	14.13%	1.860%
44	8.126	2175	2188	2227	rBV	547875	1098534	44.69%	5.884%
45	8.560	2321	2323	2325	rBV3	1213	671	0.03%	0.004%
46	8.765	2384	2387	2388	rBV3	1139	621	0.03%	0.003%
47	8.891	2413	2426	2450	rBV	1172169	1898569	77.23%	10.170%
48	9.164	2509	2511	2513	rBV2	1926	1124	0.05%	0.006%
49	9.656	2660	2664	2667	rBV4	1928	1622	0.07%	0.009%
50	9.698	2675	2677	2678	rBV2	1015	557	0.02%	0.003%
51	9.749	2688	2693	2694	rBV5	1885	1502	0.06%	0.008%
52	9.875	2729	2732	2736	rBV4	1085	893	0.04%	0.005%
53	10.077	2792	2795	2797	rBV4	1092	664	0.03%	0.004%
54	10.254	2838	2850	2869	rBV	766199	1194280	48.58%	6.397%
55	10.376	2884	2888	2889	rBV2	1400	1006	0.04%	0.005%
56	10.508	2925	2929	2930	rBV4	1441	942	0.04%	0.005%
57	10.560	2940	2945	2947	rBV3	1618	1075	0.04%	0.006%
58	10.666	2976	2978	2981	rBV2	1425	934	0.04%	0.005%
59	10.733	2996	2999	3002	rBV4	1000	622	0.03%	0.003%
60	10.752	3003	3005	3010	rVB4	1202	686	0.03%	0.004%
61	10.778	3010	3013	3014	rBV3	1777	813	0.03%	0.004%
62	10.843	3029	3033	3035	rBV4	1141	701	0.03%	0.004%
63	10.891	3044	3048	3051	rBV5	1797	1478	0.06%	0.008%
64	10.952	3065	3067	3071	rBV4	1883	1199	0.05%	0.006%
65	11.000	3081	3082	3086	rVB4	1744	968	0.04%	0.005%
66	11.045	3094	3096	3099	rBV3	1584	718	0.03%	0.004%
67	11.093	3109	3111	3114	rVB4	1354	733	0.03%	0.004%
68	11.148	3125	3128	3129	rBV3	1224	722	0.03%	0.004%
69	11.170	3133	3135	3139	rBV5	1008	630	0.03%	0.003%
70	11.196	3140	3143	3145	rBV3	1468	806	0.03%	0.004%
71	11.289	3160	3172	3194	rBV	1083625	1654974	67.33%	8.865%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BK8

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

72	11.666	3277	3289	3311	rBV	1150361	1783513	72.55%	9.553%
73	11.926	3364	3370	3376	rBV10	2901	3742	0.15%	0.020%
74	12.023	3398	3400	3402	rBV2	1444	784	0.03%	0.004%
75	12.077	3415	3417	3419	rBV2	1448	736	0.03%	0.004%
76	12.199	3454	3455	3459	rVB4	2106	992	0.04%	0.005%
77	12.312	3488	3490	3492	rBV2	1439	711	0.03%	0.004%
78	12.334	3495	3497	3503	rVB7	1369	1289	0.05%	0.007%
79	12.389	3511	3514	3517	rBV4	1456	1103	0.04%	0.006%
80	12.498	3545	3548	3549	rBV3	1342	614	0.02%	0.003%
81	12.624	3583	3587	3589	rBV2	1231	1019	0.04%	0.005%
82	12.862	3659	3661	3664	rBV2	1216	673	0.03%	0.004%
83	12.926	3679	3681	3682	rBV2	1134	537	0.02%	0.003%
84	13.010	3703	3707	3710	rBV5	1230	1308	0.05%	0.007%
85	13.093	3728	3733	3737	rBV7	1622	1724	0.07%	0.009%
86	13.260	3780	3785	3787	rBV5	1562	1336	0.05%	0.007%
87	13.273	3787	3789	3792	rBV3	1145	588	0.02%	0.003%
88	13.296	3794	3796	3798	rBV3	1602	782	0.03%	0.004%
89	13.402	3827	3829	3832	rBV3	1022	719	0.03%	0.004%
90	13.633	3898	3901	3905	rBV5	1471	1488	0.06%	0.008%
91	13.669	3910	3912	3916	rBV5	1824	1093	0.04%	0.006%
92	13.714	3923	3926	3929	rBV5	1646	1478	0.06%	0.008%
93	13.842	3961	3966	3971	rBV8	1929	2375	0.10%	0.013%
94	13.955	3998	4001	4002	rBV3	2120	1198	0.05%	0.006%
95	13.984	4009	4010	4014	rBV3	1138	696	0.03%	0.004%
96	14.084	4037	4041	4043	rBV3	2824	1954	0.08%	0.010%
97	14.145	4058	4060	4063	rBV4	1356	904	0.04%	0.005%
98	14.412	4141	4143	4144	rBV	1388	566	0.02%	0.003%
99	14.569	4190	4192	4195	rVB4	2089	795	0.03%	0.004%
100	14.662	4219	4221	4223	rBV2	1077	628	0.03%	0.003%

Sum of corrected areas: 18669218

LSC Report - Integrated Chromatogram

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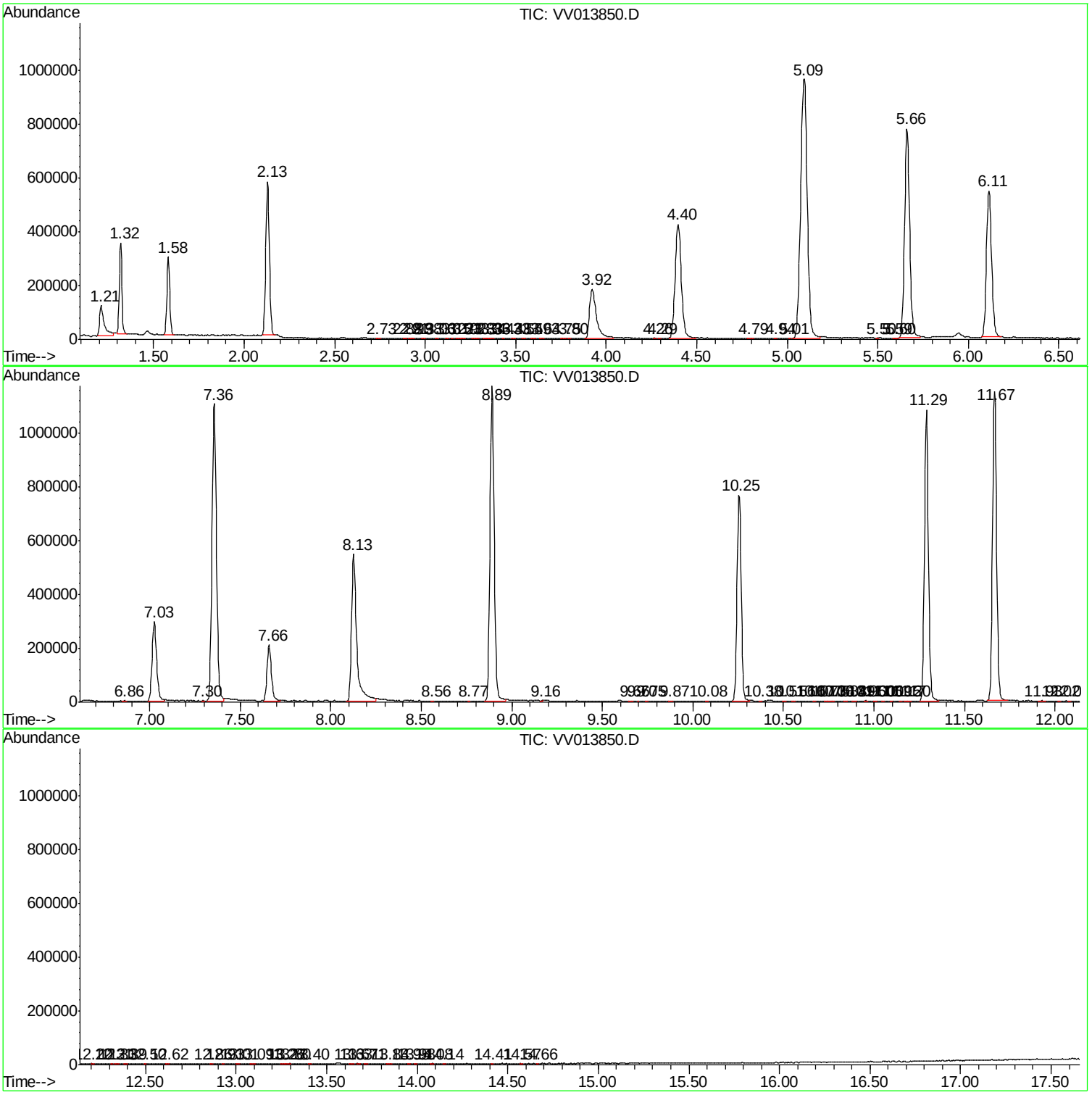
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BK8

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 : VV013850.D
Acq On : 29 Nov 2019 15:21
Operator : SY/MD
Sample : K6007-21
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BK8

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

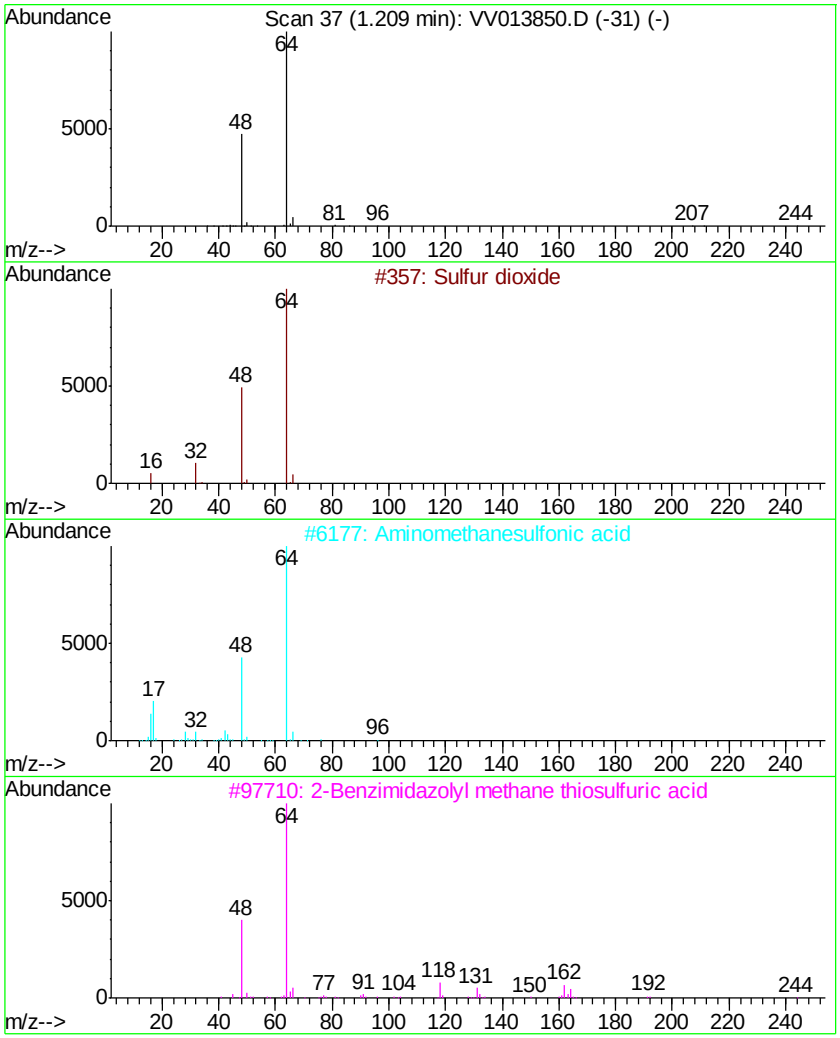
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

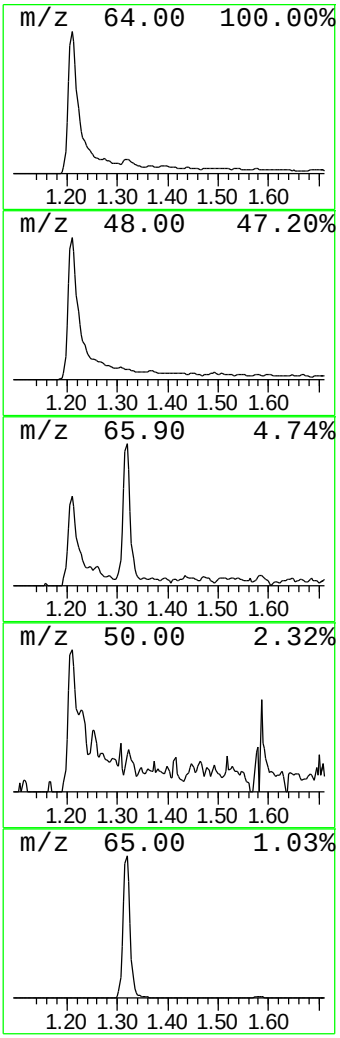
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	6.59 ug/L	199724	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-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	N,N'-Hexamethylenebis[s-3-aminop...	424	C12H28N2O6S4	035871-55-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\
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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	6.6	ug/L	199724	1	5.66	1516120	50.0