LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013848.D
Acq On : 29 Nov 2019 14:34
Operator : SY/MD
Sample : K6089-20
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BQ2

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	135091	225305	9.32%	1.236%
2	1.319	65	71	86	rVB	341016	335992	13.89%	1.844%
3	1.582	146	153	161	rVB	290064	320960	13.27%	1.761%
4	2.129	314	323	337	rVB	569826	788901	32.62%	4.329%
5	2.399	405	407	411	rBV4	2056	1361	0.06%	0.007%
6	2.852	545	548	550	rBV4	1076	698	0.03%	0.004%
7	2.920	566	569	573	rVB4	1937	1680	0.07%	0.009%
8	2.946	575	577	578	rBV2	1279	611	0.03%	0.003%
9	2.975	583	586	589	rBV4	1443	1111	0.05%	0.006%
10	3.049	607	609	613	rBV3	1704	1254	0.05%	0.007%
11	3.065	613	614	616	rBV2	825	458	0.02%	0.003%
12	3.364	704	707	710	rBV3	1471	990	0.04%	0.005%
13	3.389	710	715	719	rVV7	1488	1523	0.06%	0.008%
14	3.421	722	725	728	rBV4	2385	1639	0.07%	0.009%
15	3.492	744	747	750	rBV2	916	673	0.03%	0.004%
16	3.524	755	757	762	rVB5	1783	1384	0.06%	0.008%
17	3.547	762	764	767	rBV2	743	342	0.01%	0.002%
18	3.563	767	769	772	rBV4	2480	1699	0.07%	0.009%
19	3.653	793	797	802	rBV6	1030	1176	0.05%	0.006%
20	3.727	818	820	823	rBV2	1091	520	0.02%	0.003%
21	3.753	825	828	829	rBV3	1404	864	0.04%	0.005%
22	3.791	836	840	842	rBV4	1477	1271	0.05%	0.007%
23	3.833	851	853	854	rBV2	707	378	0.02%	0.002%
24	3.872	862	865	867	rBV2	1698	851	0.04%	0.005%
25	3.923	869	881	902	rBV	178243	458311	18.95%	2.515%
26	4.277	987	991	993	rBV5	1128	790	0.03%	0.004%
27	4.396	1015	1028	1051	rVB	400856	964426	39.88%	5.293%
28	4.778	1143	1147	1148	rBV4	1070	735	0.03%	0.004%
29	4.884	1178	1180	1181	rBV2	1414	751	0.03%	0.004%
30	5.016	1220	1221	1224	rVB3	1585	569	0.02%	0.003%
31	5.093	1225	1245	1274	rBV2	946481	2418566	100.00%	13.273%
32	5.576	1392	1395	1396	rBV2	1717	776	0.03%	0.004%
33	5.659	1408	1421	1441	rBV	743411	1467349	60.67%	8.053%
34	6.113	1549	1562	1583	rBV	537857	1065154	44.04%	5.845%

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Instrument : MSVOA_V
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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

35	6.878	1796	1800	1803	rBV5	1506	1232	0.05%	0.007%
36	6.913	1809	1811	1814	rBV3	1103	696	0.03%	0.004%
37	7.026	1835	1846	1862	rBV	279958	495968	20.51%	2.722%
38	7.357	1936	1949	1968	rBV	1101332	1908460	78.91%	10.473%
39	7.659	2033	2043	2061	rBV2	202095	339582	14.04%	1.864%
40	8.125	2178	2188	2221	rBV	569415	1081808	44.73%	5.937%
41	8.534	2311	2315	2317	rBV5	2338	1784	0.07%	0.010%
42	8.592	2330	2333	2335	rBV4	2045	1394	0.06%	0.008%
43	8.775	2385	2390	2393	rVB6	1388	1150	0.05%	0.006%
44	8.891	2412	2426	2445	rBV	1121770	1797099	74.30%	9.862%
45	9.264	2541	2542	2545	rBV3	1661	605	0.03%	0.003%
46	9.338	2560	2565	2569	rBV6	1479	1596	0.07%	0.009%
47	9.357	2569	2571	2573	rVB3	954	363	0.02%	0.002%
48	9.379	2573	2578	2580	rBV3	1608	1458	0.06%	0.008%
49	9.428	2590	2593	2594	rBV3	1205	682	0.03%	0.004%
50	9.563	2632	2635	2637	rBV4	1182	828	0.03%	0.005%
51	9.656	2662	2664	2667	rVB4	1147	542	0.02%	0.003%
52	9.749	2690	2693	2694	rBV3	1830	967	0.04%	0.005%
53	9.785	2702	2704	2709	rBV5	1638	825	0.03%	0.005%
54	9.907	2740	2742	2743	rBV	1050	516	0.02%	0.003%
55	9.971	2759	2762	2764	rBV4	1462	845	0.03%	0.005%
56	10.000	2769	2771	2774	rVB4	1588	790	0.03%	0.004%
57	10.016	2774	2776	2778	rBV3	1693	853	0.04%	0.005%
58	10.029	2778	2780	2784	rVB3	2152	1255	0.05%	0.007%
59	10.061	2784	2790	2793	rBV7	2157	2759	0.11%	0.015%
60	10.077	2793	2795	2798	rBV3	1105	618	0.03%	0.003%
61	10.096	2798	2801	2805	rBV4	1357	1095	0.05%	0.006%
62	10.254	2839	2850	2867	rBV	730739	1141116	47.18%	6.262%
63	10.360	2879	2883	2887	rBV6	1939	1662	0.07%	0.009%
64	10.508	2927	2929	2931	rBV3	1140	805	0.03%	0.004%
65	10.556	2941	2944	2947	rBV4	1329	1019	0.04%	0.006%
66	10.672	2978	2980	2983	rBV2	644	478	0.02%	0.003%
67	10.730	2997	2998	3002	rBV3	1039	482	0.02%	0.003%
68	10.858	3033	3038	3040	rBV4	2182	1787	0.07%	0.010%
69	10.948	3064	3066	3067	rBV	1180	495	0.02%	0.003%
70	11.006	3082	3084	3087	rBV4	1185	768	0.03%	0.004%
71	11.035	3091	3093	3095	rVB3	1155	565	0.02%	0.003%

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BQ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Title : VOC Analysis

72	11.051	3095	3098	3101	rBV5	2133	1670	0.07%	0.009%
73	11.112	3111	3117	3118	rBV4	1571	1161	0.05%	0.006%
74	11.151	3125	3129	3131	rBV4	1226	770	0.03%	0.004%
75	11.199	3139	3144	3146	rBV5	1602	1075	0.04%	0.006%
76	11.289	3161	3172	3188	rBV	1057346	1607474	66.46%	8.822%
77	11.534	3246	3248	3249	rBV2	1618	593	0.02%	0.003%
78	11.666	3277	3289	3306	rBV	1094314	1725821	71.36%	9.471%
79	11.871	3349	3353	3357	rBV5	1763	1387	0.06%	0.008%
80	12.186	3449	3451	3453	rVB2	1496	549	0.02%	0.003%
81	12.199	3453	3455	3457	rBV	1397	705	0.03%	0.004%
82	12.321	3490	3493	3494	rBV2	1157	677	0.03%	0.004%
83	12.360	3503	3505	3507	rBV3	1612	588	0.02%	0.003%
84	12.389	3512	3514	3517	rBV3	1226	662	0.03%	0.004%
85	12.408	3517	3520	3524	rBV4	1720	1101	0.05%	0.006%
86	12.444	3529	3531	3533	rBV3	1205	509	0.02%	0.003%
87	12.495	3544	3547	3549	rBV3	1351	756	0.03%	0.004%
88	12.672	3600	3602	3604	rBV2	1089	670	0.03%	0.004%
89	12.952	3687	3689	3693	rVB4	1174	586	0.02%	0.003%
90	13.096	3730	3734	3739	rBV7	2100	2478	0.10%	0.014%
91	13.145	3747	3749	3751	rBV3	874	320	0.01%	0.002%
92	13.167	3754	3756	3758	rBV3	1019	539	0.02%	0.003%
93	13.260	3783	3785	3788	rBV3	932	659	0.03%	0.004%
94	13.276	3788	3790	3793	rVV3	1323	750	0.03%	0.004%
95	13.434	3837	3839	3841	rBV3	1128	588	0.02%	0.003%
96	13.656	3906	3908	3911	rBV3	1001	458	0.02%	0.003%
97	13.778	3941	3946	3947	rBV4	1209	1187	0.05%	0.007%
98	14.228	4083	4086	4089	rBV4	1475	1082	0.04%	0.006%
99	14.402	4138	4140	4144	rBV6	2455	1577	0.07%	0.009%
100	14.636	4211	4213	4218	rBV4	2228	1645	0.07%	0.009%

Sum of corrected areas: 18222052

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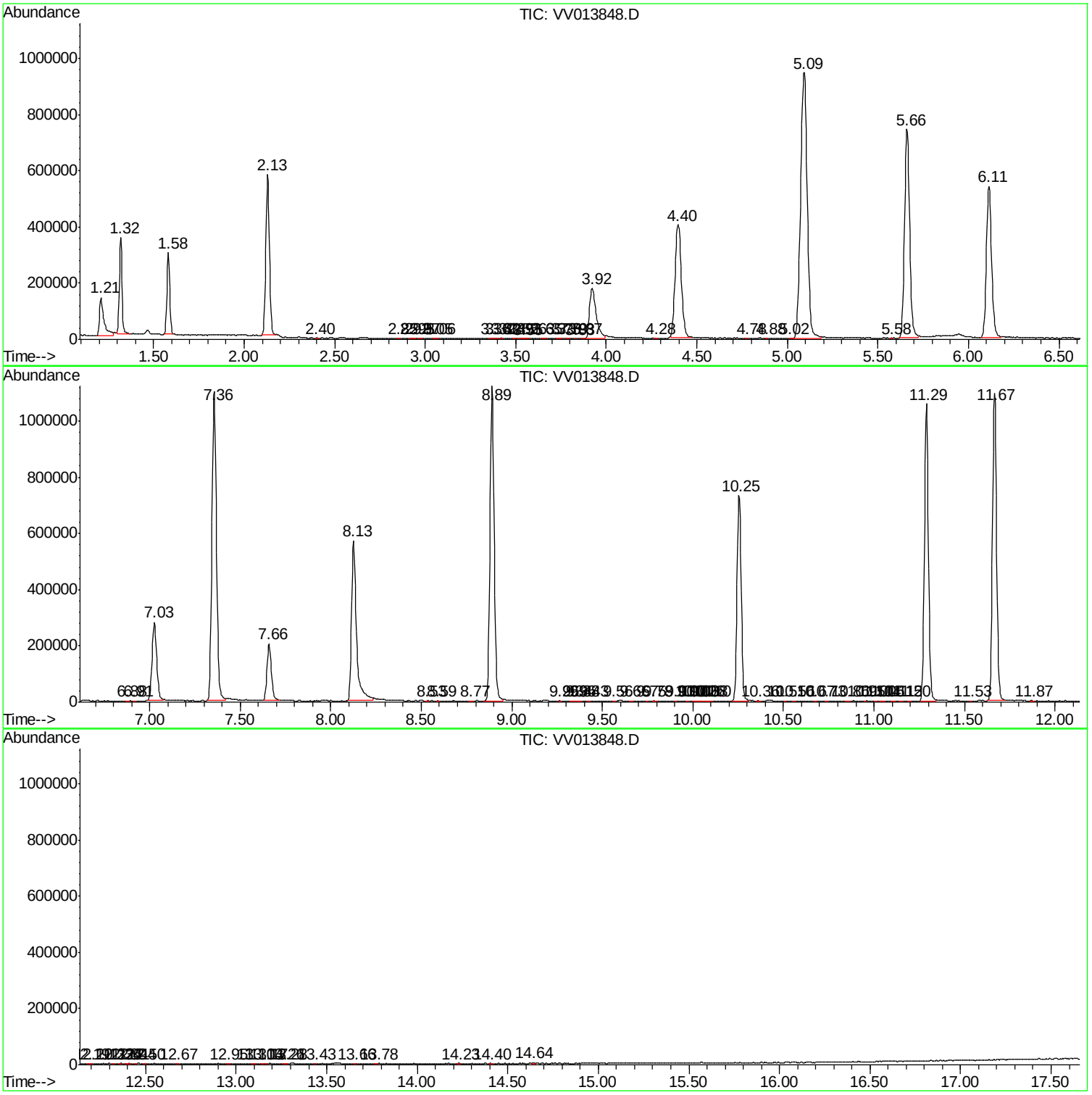
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

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



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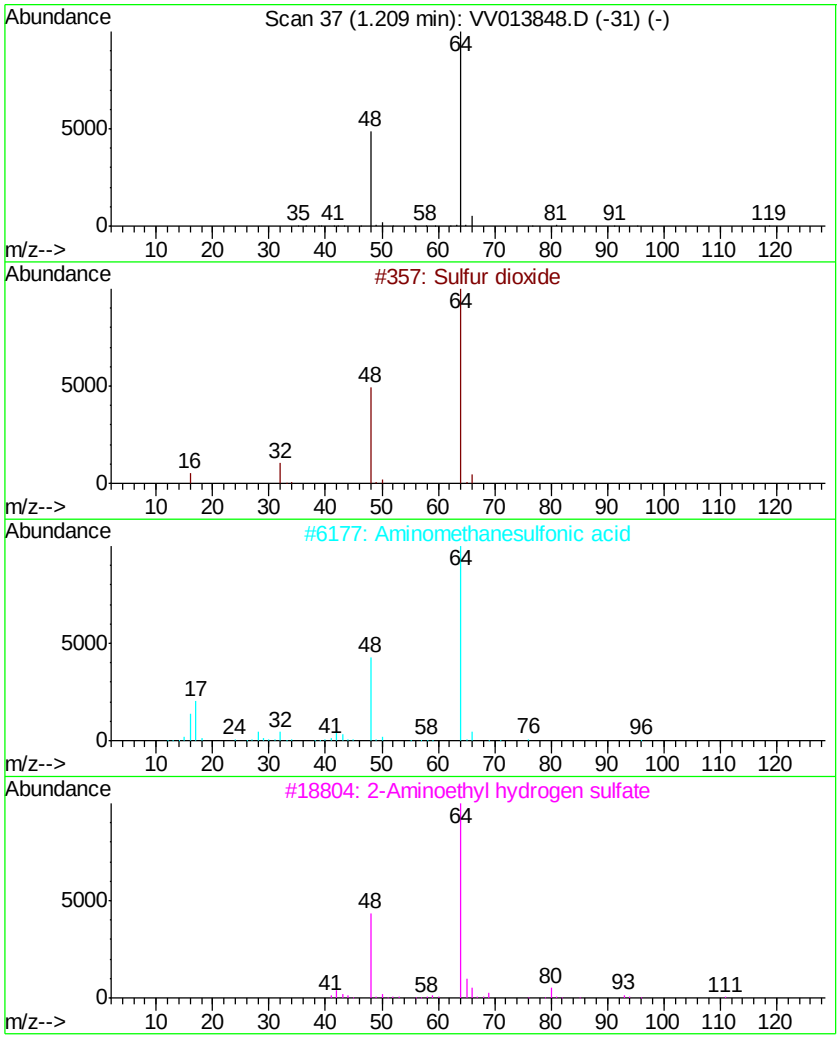
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

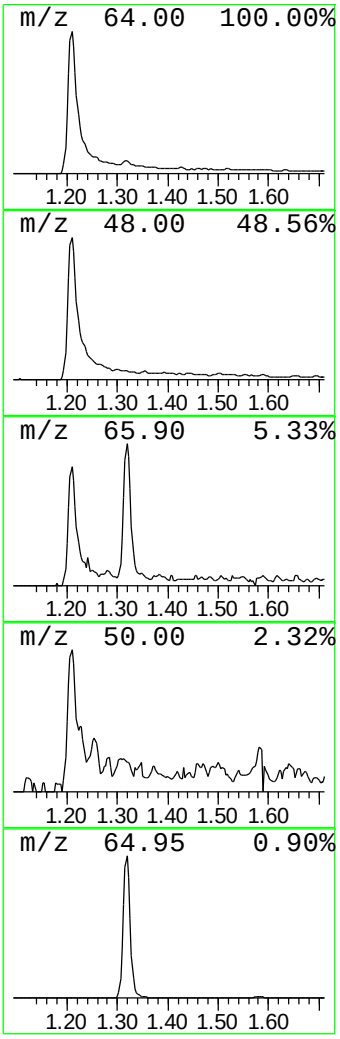
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	7.68 ug/L	225305	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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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	7.7	ug/L	225305	1	5.66	1467350	50.0