LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013853.D
Acq On : 29 Nov 2019 16:31
Operator : SY/MD
Sample : K6061-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ5

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	58	rBV	94161	163206	6.80%	0.804%
2	1.319	65	71	85	rVB	329743	324334	13.51%	1.597%
3	1.582	146	153	165	rVB	285321	323165	13.46%	1.591%
4	1.769	205	211	222	rVB	142112	180045	7.50%	0.886%
5	2.129	314	323	336	rBV	559328	785158	32.71%	3.866%
6	2.370	396	398	400	rBV2	1571	691	0.03%	0.003%
7	2.454	421	424	427	rBV4	1249	875	0.04%	0.004%
8	2.650	478	485	491	rBV8	2343	3833	0.16%	0.019%
9	2.769	519	522	527	rBV7	1275	1270	0.05%	0.006%
10	2.872	552	554	556	rBV2	1363	810	0.03%	0.004%
11	2.952	576	579	580	rBV2	1942	1142	0.05%	0.006%
12	2.984	586	589	594	rVV6	2268	1613	0.07%	0.008%
13	3.016	596	599	601	rVB3	1519	769	0.03%	0.004%
14	3.032	601	604	609	rBV7	2482	2341	0.10%	0.012%
15	3.058	609	612	618	rBV7	1607	1744	0.07%	0.009%
16	3.100	624	625	629	rVB4	1088	664	0.03%	0.003%
17	3.129	632	634	638	rVV3	1418	1253	0.05%	0.006%
18	3.158	641	643	645	rVV3	1584	954	0.04%	0.005%
19	3.171	645	647	651	rVB3	1929	1129	0.05%	0.006%
20	3.222	661	663	664	rBV2	942	478	0.02%	0.002%
21	3.245	667	670	671	rBV3	710	377	0.02%	0.002%
22	3.293	683	685	689	rBV5	1125	624	0.03%	0.003%
23	3.376	708	711	713	rBV4	1283	506	0.02%	0.002%
24	3.550	760	765	767	rBV5	986	826	0.03%	0.004%
25	3.563	767	769	772	rVV4	1112	756	0.03%	0.004%
26	3.589	775	777	780	rBV3	1330	819	0.03%	0.004%
27	3.653	794	797	799	rVV4	939	451	0.02%	0.002%
28	3.737	821	823	825	rBV2	1291	730	0.03%	0.004%
29	3.785	833	838	844	rBV10	2154	3028	0.13%	0.015%
30	3.920	868	880	908	rBV	177603	515395	21.47%	2.538%
31	4.396	1013	1028	1051	rBV	411382	970195	40.42%	4.777%
32	4.720	1124	1129	1130	rBV4	1785	1681	0.07%	0.008%
33	4.775	1144	1146	1147	rBV2	1600	631	0.03%	0.003%
34	4.852	1167	1170	1171	rBV3	2048	1115	0.05%	0.005%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ5

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	4.933	1192	1195	1200	rVB6	2521	1722	0.07%	0.008%
36	5.093	1227	1245	1273	rBV2	945248	2400308	100.00%	11.818%
37	5.589	1397	1399	1401	rVB3	1368	504	0.02%	0.002%
38	5.659	1409	1421	1445	rBV	762003	1491542	62.14%	7.343%
39	5.955	1502	1513	1533	rVB	552015	1055138	43.96%	5.195%
40	6.113	1550	1562	1590	rVB	543599	1080685	45.02%	5.321%
41	6.765	1762	1765	1767	rBV3	1162	739	0.03%	0.004%
42	6.775	1767	1768	1770	rBV2	1296	653	0.03%	0.003%
43	6.817	1779	1781	1786	rVB4	1637	1217	0.05%	0.006%
44	6.868	1795	1797	1798	rBV2	1004	444	0.02%	0.002%
45	6.952	1819	1823	1825	rBV5	1395	949	0.04%	0.005%
46	7.026	1834	1846	1864	rBV2	279785	492288	20.51%	2.424%
47	7.357	1936	1949	1968	rBV	1078610	1867662	77.81%	9.195%
48	7.659	2033	2043	2066	rBV	206944	346267	14.43%	1.705%
49	8.016	2143	2154	2174	rVB	475257	780774	32.53%	3.844%
50	8.125	2178	2188	2220	rBV	548499	1074932	44.78%	5.292%
51	8.714	2368	2371	2375	rBV5	1609	1107	0.05%	0.005%
52	8.733	2375	2377	2380	rBV3	1506	786	0.03%	0.004%
53	8.810	2398	2401	2404	rBV3	1762	1476	0.06%	0.007%
54	8.891	2414	2426	2450	rBV	1157200	1857700	77.39%	9.146%
55	9.228	2529	2531	2535	rVB5	2393	1455	0.06%	0.007%
56	9.254	2535	2539	2540	rBV3	1281	870	0.04%	0.004%
57	9.440	2592	2597	2602	rVB8	1857	2212	0.09%	0.011%
58	9.572	2636	2638	2643	rBV4	1338	1163	0.05%	0.006%
59	9.810	2708	2712	2714	rBV5	1261	945	0.04%	0.005%
60	10.045	2783	2785	2789	rVB5	1447	765	0.03%	0.004%
61	10.151	2816	2818	2820	rBV2	1132	555	0.02%	0.003%
62	10.177	2824	2826	2832	rVB7	1744	1052	0.04%	0.005%
63	10.254	2839	2850	2870	rVB	715537	1135598	47.31%	5.591%
64	10.521	2931	2933	2937	rVB3	2350	1582	0.07%	0.008%
65	10.588	2952	2954	2961	rVB6	1367	1100	0.05%	0.005%
66	10.617	2961	2963	2965	rBV3	1496	588	0.02%	0.003%
67	10.630	2965	2967	2970	rVB3	1311	697	0.03%	0.003%
68	10.653	2972	2974	2975	rBV2	1499	580	0.02%	0.003%
69	10.784	3013	3015	3017	rBV3	1193	572	0.02%	0.003%
70	10.797	3017	3019	3022	rVV2	1102	511	0.02%	0.003%
71	10.823	3025	3027	3030	rBV3	1397	805	0.03%	0.004%

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Instrument : MSVOA_V
ClientSampleId : C0XQ5

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	10.887	3043	3047	3049	rBV4	1428	1282	0.05%	0.006%
73	10.990	3077	3079	3080	rBV2	1051	462	0.02%	0.002%
74	11.035	3091	3093	3094	rBV3	1069	513	0.02%	0.003%
75	11.090	3107	3110	3112	rBV4	1075	747	0.03%	0.004%
76	11.119	3115	3119	3126	rVB8	1530	1478	0.06%	0.007%
77	11.180	3135	3138	3143	rVB6	1740	1635	0.07%	0.008%
78	11.202	3143	3145	3147	rBV3	2229	1211	0.05%	0.006%
79	11.289	3160	3172	3189	rBV	1065746	1643403	68.47%	8.091%
80	11.665	3277	3289	3308	rBV	1112826	1738452	72.43%	8.559%
81	11.833	3339	3341	3345	rBV4	1657	1121	0.05%	0.006%
82	11.993	3388	3391	3395	rBV5	1212	1109	0.05%	0.005%
83	12.042	3403	3406	3409	rBV4	1387	1040	0.04%	0.005%
84	12.135	3433	3435	3436	rBV2	1110	485	0.02%	0.002%
85	12.154	3439	3441	3444	rVB4	1426	778	0.03%	0.004%
86	12.199	3453	3455	3461	rVB6	2316	2022	0.08%	0.010%
87	12.225	3461	3463	3465	rBV2	1177	585	0.02%	0.003%
88	12.312	3487	3490	3491	rBV2	1450	763	0.03%	0.004%
89	12.473	3538	3540	3543	rBV5	1040	746	0.03%	0.004%
90	12.585	3571	3575	3580	rBV8	1622	2108	0.09%	0.010%
91	12.685	3602	3606	3608	rBV5	1583	1067	0.04%	0.005%
92	12.884	3666	3668	3671	rBV4	1783	1104	0.05%	0.005%
93	12.997	3700	3703	3704	rBV2	1753	938	0.04%	0.005%
94	13.183	3759	3761	3764	rBV4	1583	1176	0.05%	0.006%
95	13.627	3898	3899	3901	rBV2	1385	595	0.02%	0.003%
96	13.788	3946	3949	3951	rBV4	2020	1497	0.06%	0.007%
97	14.016	4017	4020	4024	rVB4	1725	1004	0.04%	0.005%
98	14.257	4092	4095	4098	rBV4	1696	1360	0.06%	0.007%
99	14.379	4131	4133	4137	rBV3	1558	1268	0.05%	0.006%
100	14.685	4226	4228	4231	rBV3	1350	596	0.02%	0.003%

Sum of corrected areas: 20311096

LSC Report - Integrated Chromatogram

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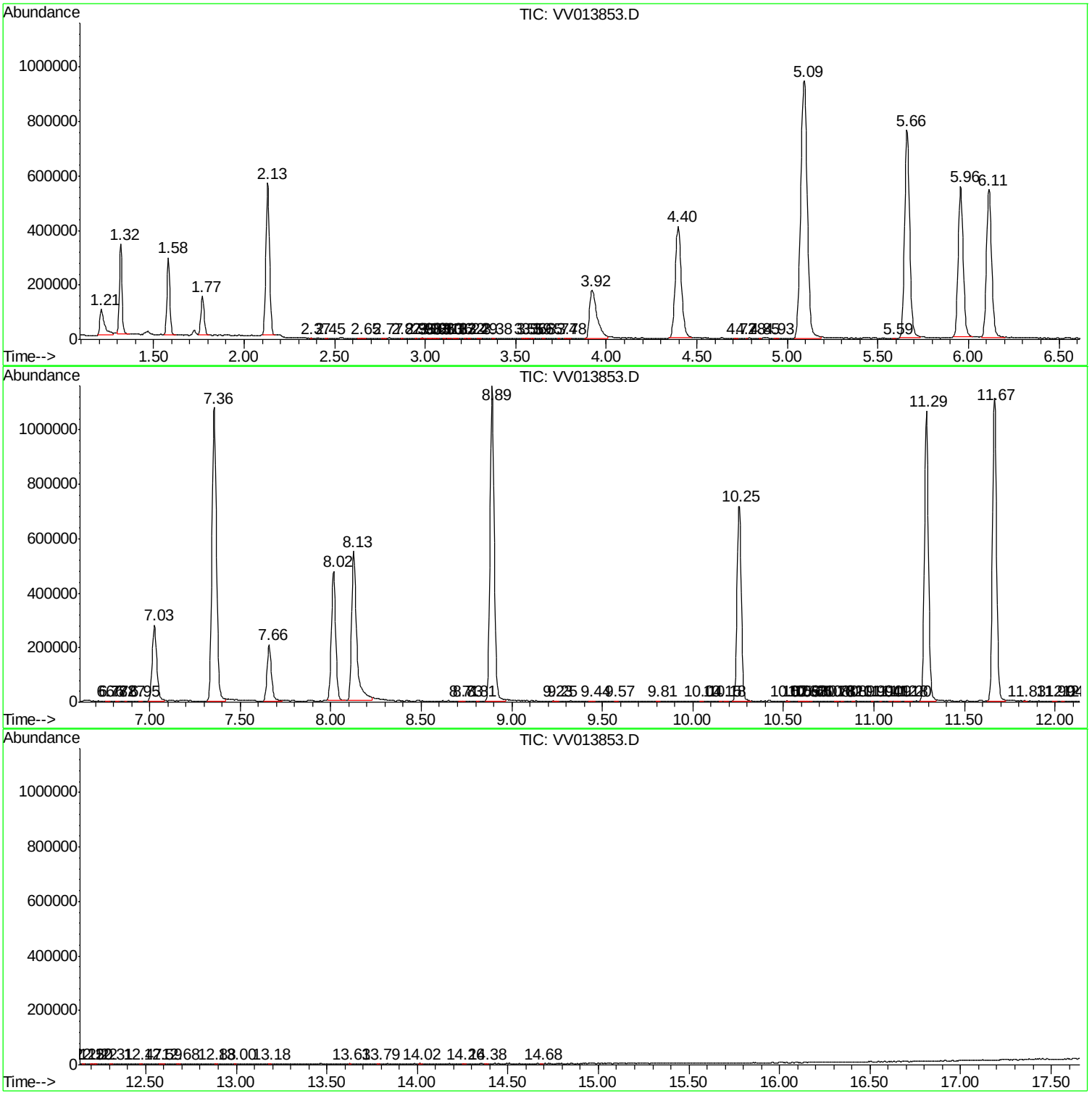
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ5

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 : VV013853.D
Acq On : 29 Nov 2019 16:31
Operator : SY/MD
Sample : K6061-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XQ5

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

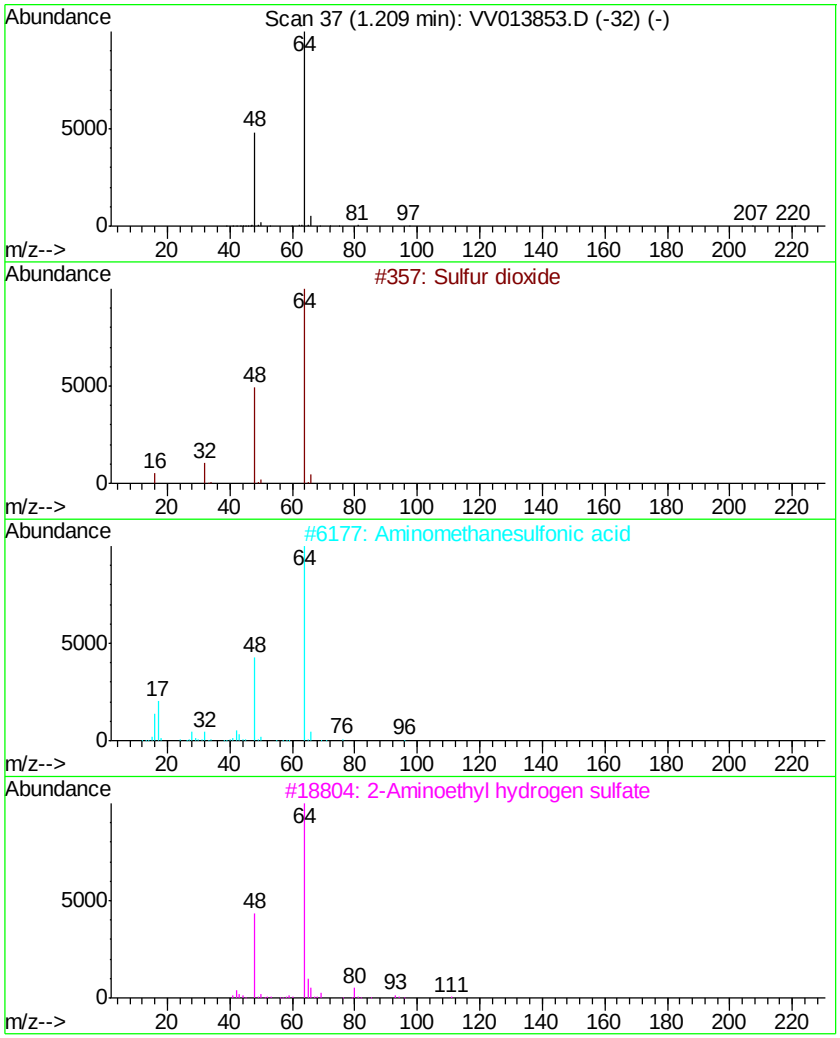
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

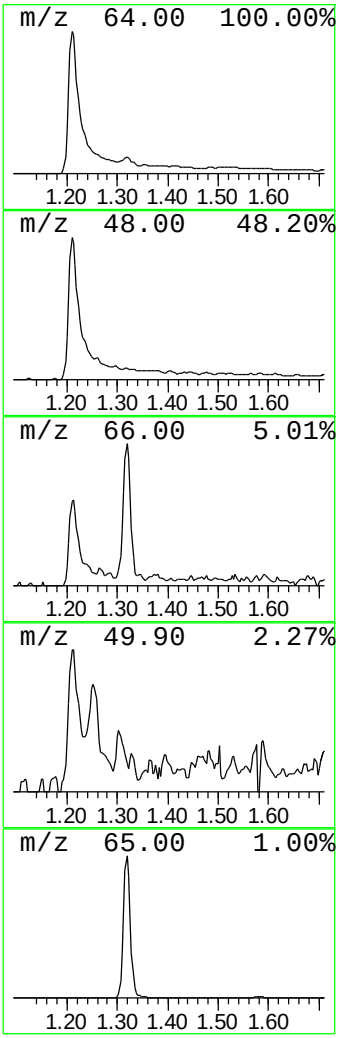
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	5.47 ug/L	163206	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	4,6-Diamino-5-pyrimidinyl hydrog...	206	C4H6N4O4S	071525-41-2	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	5.5	ug/L	163206	1	5.66	1491540	50.0