LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013860.D
Acq On : 29 Nov 2019 19:40
Operator : SY/MD
Sample : K6028-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA2

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	56	rBV	88050	154519	6.57%	0.829%
2	1.319	65	71	79	rVB	314650	304746	12.97%	1.636%
3	1.582	146	153	167	rVB	283492	313298	13.33%	1.682%
4	2.129	315	323	335	rVB	543159	751886	31.99%	4.036%
5	2.917	564	568	570	rBV3	1657	980	0.04%	0.005%
6	2.978	584	587	588	rBV4	1603	813	0.03%	0.004%
7	2.987	588	590	592	rVV3	1545	695	0.03%	0.004%
8	3.084	615	620	623	rBV5	1204	1073	0.05%	0.006%
9	3.122	629	632	635	rBV3	1640	1209	0.05%	0.006%
10	3.138	635	637	641	rVB5	1812	1178	0.05%	0.006%
11	3.180	641	650	652	rBV7	1820	1886	0.08%	0.010%
12	3.399	715	718	723	rBV7	1213	787	0.03%	0.004%
13	3.441	727	731	734	rVV5	1133	872	0.04%	0.005%
14	3.470	738	740	744	rVB4	1332	699	0.03%	0.004%
15	3.521	754	756	761	rBV3	1011	875	0.04%	0.005%
16	3.634	788	791	793	rBV3	1219	633	0.03%	0.003%
17	3.798	838	842	847	rBV6	1748	1806	0.08%	0.010%
18	3.868	862	864	869	rVB5	1799	1183	0.05%	0.006%
19	3.926	869	882	887	rBV2	207608	450894	19.19%	2.420%
20	4.283	990	993	995	rBV3	2427	1430	0.06%	0.008%
21	4.396	1013	1028	1050	rBV	377807	950006	40.42%	5.100%
22	4.794	1148	1152	1153	rBV4	1137	838	0.04%	0.004%
23	4.936	1195	1196	1199	rBV3	986	569	0.02%	0.003%
24	5.010	1217	1219	1223	rVB3	1095	749	0.03%	0.004%
25	5.093	1227	1245	1264	rBV2	922781	2350193	100.00%	12.616%
26	5.595	1399	1401	1406	rVB5	1572	1010	0.04%	0.005%
27	5.659	1408	1421	1451	rBV	769515	1523732	64.83%	8.180%
28	6.113	1548	1562	1582	rBV	527157	1057485	45.00%	5.677%
29	6.749	1757	1760	1761	rBV3	1729	1035	0.04%	0.006%
30	6.785	1767	1771	1773	rBV5	1282	932	0.04%	0.005%
31	6.865	1793	1796	1800	rBV4	1158	940	0.04%	0.005%
32	6.920	1812	1813	1817	rBV4	1206	907	0.04%	0.005%
33	7.026	1835	1846	1860	rBV	272648	480406	20.44%	2.579%
34	7.357	1936	1949	1968	rBV	1098375	1911029	81.31%	10.259%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA2

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	7.659	2032	2043	2062	rBV	207478	347218	14.77%	1.864%
36	7.903	2116	2119	2121	rBV3	1322	744	0.03%	0.004%
37	8.125	2177	2188	2225	rBV	638475	1289094	54.85%	6.920%
38	8.772	2386	2389	2391	rBV4	1526	811	0.03%	0.004%
39	8.810	2398	2401	2404	rBV3	1200	993	0.04%	0.005%
40	8.891	2414	2426	2448	rBV	1185902	1901807	80.92%	10.209%
41	9.048	2473	2475	2477	rBV3	1740	752	0.03%	0.004%
42	9.228	2529	2531	2534	rBV3	1523	705	0.03%	0.004%
43	9.260	2539	2541	2545	rVB4	2003	816	0.03%	0.004%
44	9.347	2564	2568	2573	rVB7	1405	1384	0.06%	0.007%
45	9.373	2573	2576	2579	rBV4	1792	1288	0.05%	0.007%
46	9.514	2618	2620	2622	rBV2	1501	659	0.03%	0.004%
47	9.608	2646	2649	2652	rBV4	2787	1676	0.07%	0.009%
48	9.646	2659	2661	2663	rBV3	1258	655	0.03%	0.004%
49	9.698	2675	2677	2678	rBV2	1240	609	0.03%	0.003%
50	9.743	2689	2691	2696	rVB6	1595	1191	0.05%	0.006%
51	9.768	2696	2699	2700	rBV	1313	799	0.03%	0.004%
52	9.823	2714	2716	2720	rVV5	1713	1416	0.06%	0.008%
53	9.984	2764	2766	2769	rVB3	1931	956	0.04%	0.005%
54	10.000	2769	2771	2775	rVB4	1151	616	0.03%	0.003%
55	10.022	2775	2778	2780	rBV3	1260	778	0.03%	0.004%
56	10.254	2839	2850	2865	rBV	761006	1184460	50.40%	6.358%
57	10.492	2922	2924	2928	rVB3	1605	883	0.04%	0.005%
58	10.546	2938	2941	2943	rBV2	1503	1069	0.05%	0.006%
59	10.739	2997	3001	3002	rBV3	1753	1296	0.06%	0.007%
60	10.887	3043	3047	3050	rBV5	2585	2535	0.11%	0.014%
61	10.961	3068	3070	3071	rBV	1506	590	0.03%	0.003%
62	11.029	3089	3091	3094	rBV3	1184	555	0.02%	0.003%
63	11.157	3128	3131	3133	rBV3	1518	945	0.04%	0.005%
64	11.186	3137	3140	3141	rBV3	1792	828	0.04%	0.004%
65	11.289	3160	3172	3196	rBV	1135658	1749281	74.43%	9.390%
66	11.537	3247	3249	3252	rBV3	1549	866	0.04%	0.005%
67	11.553	3252	3254	3256	rBV3	1373	680	0.03%	0.004%
68	11.595	3266	3267	3269	rBV2	1271	599	0.03%	0.003%
69	11.665	3276	3289	3311	rBV	1166714	1822610	77.55%	9.784%
70	11.952	3376	3378	3381	rVB4	1774	845	0.04%	0.005%
71	12.000	3390	3393	3398	rBV6	2087	1854	0.08%	0.010%

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Instrument : MSVOA_V
ClientSampleId : H0AA2

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

72	12.032	3398	3403	3405	rBV5	2038	1746	0.07%	0.009%
73	12.096	3421	3423	3425	rBV3	1350	598	0.03%	0.003%
74	12.148	3435	3439	3440	rBV4	1256	884	0.04%	0.005%
75	12.199	3453	3455	3457	rBV3	1384	808	0.03%	0.004%
76	12.337	3497	3498	3501	rVV3	1194	655	0.03%	0.004%
77	12.398	3513	3517	3520	rBV4	2049	1513	0.06%	0.008%
78	12.556	3563	3566	3571	rVB6	1940	1605	0.07%	0.009%
79	12.588	3573	3576	3577	rBV3	1406	694	0.03%	0.004%
80	12.788	3637	3638	3640	rBV2	1284	568	0.02%	0.003%
81	12.829	3648	3651	3652	rBV3	1214	736	0.03%	0.004%
82	12.926	3679	3681	3683	rBV2	1372	582	0.02%	0.003%
83	12.958	3689	3691	3696	rBV3	732	612	0.03%	0.003%
84	13.013	3705	3708	3711	rVB3	1897	1177	0.05%	0.006%
85	13.035	3711	3715	3718	rBV4	1699	1246	0.05%	0.007%
86	13.070	3722	3726	3730	rBV6	1812	1779	0.08%	0.010%
87	13.138	3744	3747	3750	rBV4	1533	1311	0.06%	0.007%
88	13.154	3750	3752	3756	rVV4	998	657	0.03%	0.004%
89	13.228	3772	3775	3777	rVV3	1060	590	0.03%	0.003%
90	13.257	3780	3784	3786	rBV3	1604	1318	0.06%	0.007%
91	13.427	3832	3837	3839	rBV6	2810	2720	0.12%	0.015%
92	13.553	3872	3876	3877	rBV4	2400	1816	0.08%	0.010%
93	13.640	3900	3903	3904	rBV3	1337	774	0.03%	0.004%
94	13.691	3916	3919	3921	rBV3	1306	859	0.04%	0.005%
95	13.836	3962	3964	3967	rVB3	1651	914	0.04%	0.005%
96	13.906	3982	3986	3988	rVB3	1256	741	0.03%	0.004%
97	13.929	3988	3993	3996	rBV7	2341	2372	0.10%	0.013%
98	14.186	4070	4073	4076	rBV4	1759	1539	0.07%	0.008%
99	14.681	4225	4227	4229	rBV4	2226	996	0.04%	0.005%
100	15.003	4325	4327	4330	rVB3	1663	683	0.03%	0.004%

Sum of corrected areas: 18628649

LSC Report - Integrated Chromatogram

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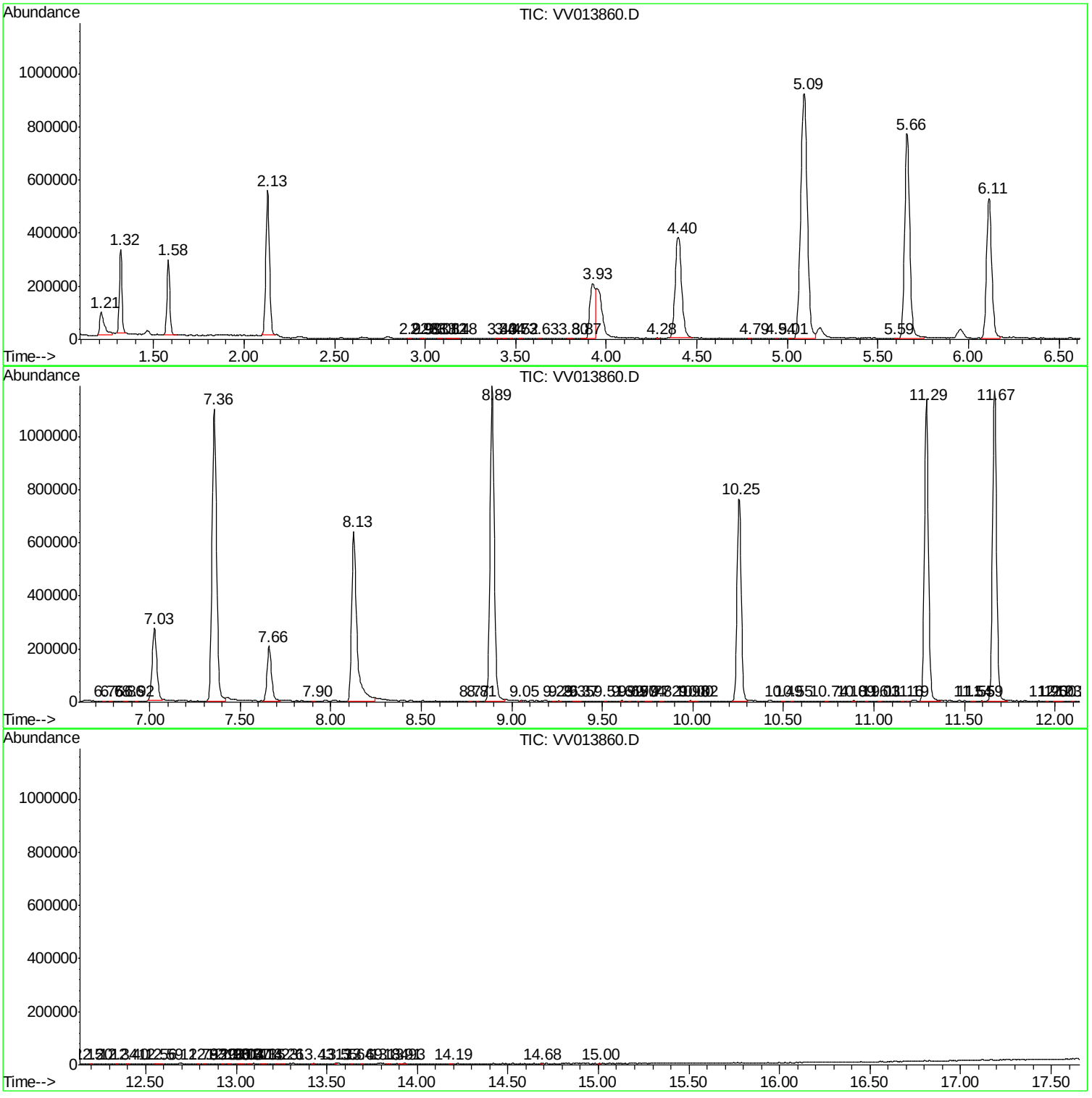
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA2

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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ClientSampleId : H0AA2

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

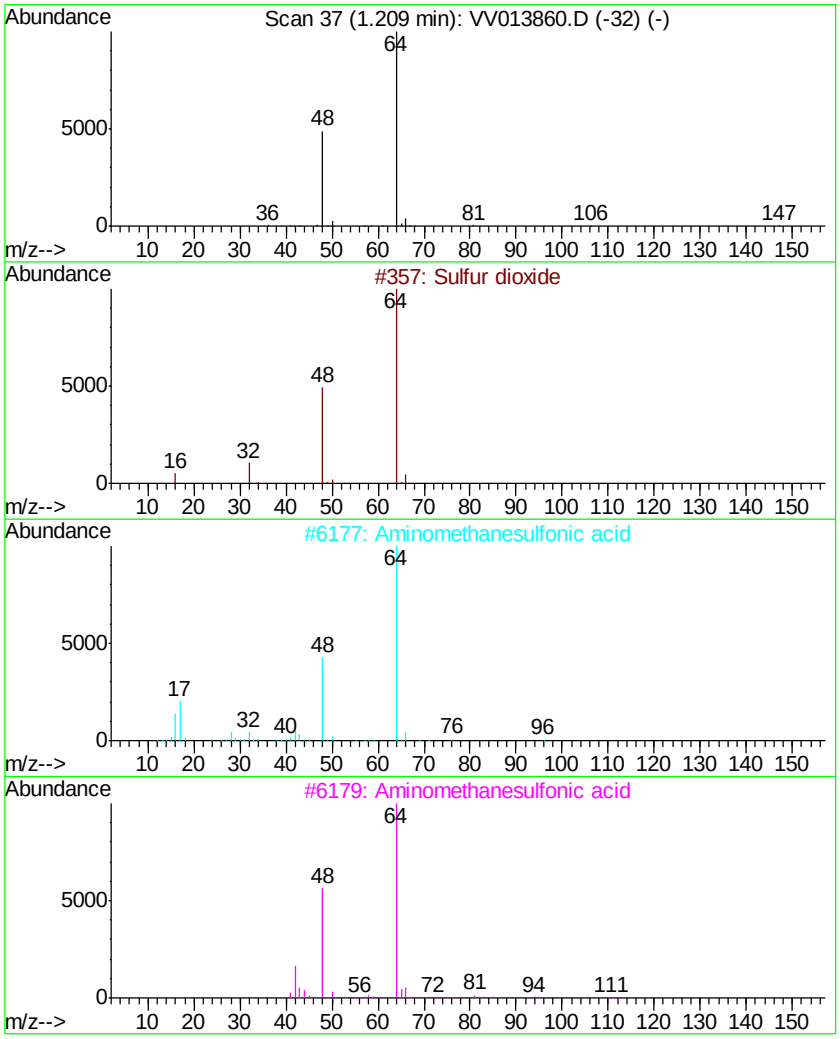
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

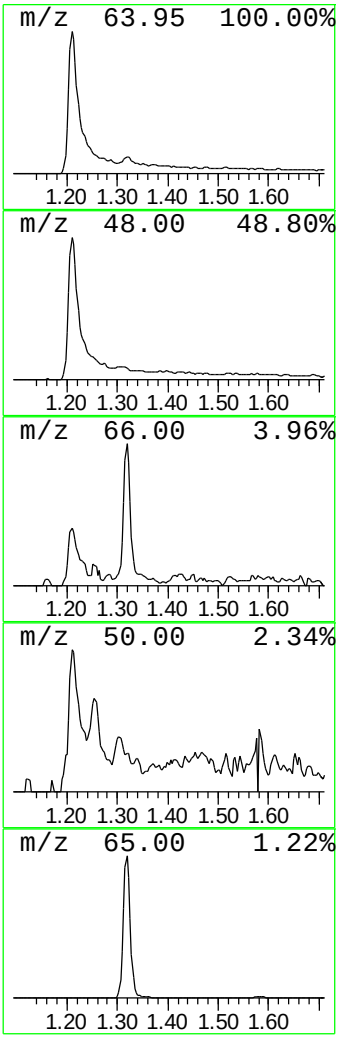
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	5.07 ug/L	154519	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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	4
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	4





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	5.1	ug/L	154519	1	5.66	1523730	50.0