LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013856.D
Acq On : 29 Nov 2019 18:06
Operator : SY/MD
Sample : K6028-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA0

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	1.212	31	38	49	rBV2	173712	231953	9.43%	1.190%
2	1.319	65	71	81	rVB	320483	317954	12.92%	1.631%
3	1.582	146	153	163	rVB	289264	325619	13.23%	1.671%
4	2.129	314	323	337	rVB	568666	787626	32.01%	4.041%
5	2.900	560	563	567	rVB5	1596	1133	0.05%	0.006%
6	2.923	567	570	573	rBV4	2165	1293	0.05%	0.007%
7	2.968	581	584	585	rBV2	1994	858	0.03%	0.004%
8	3.000	592	594	599	rVB5	1628	755	0.03%	0.004%
9	3.023	599	601	604	rBV3	614	432	0.02%	0.002%
10	3.077	614	618	619	rBV3	1519	924	0.04%	0.005%
11	3.106	624	627	629	rBV3	1324	885	0.04%	0.005%
12	3.267	674	677	679	rBV4	1182	825	0.03%	0.004%
13	3.293	683	685	688	rVB3	1000	455	0.02%	0.002%
14	3.312	688	691	694	rBV5	1747	1217	0.05%	0.006%
15	3.351	701	703	705	rBV3	924	411	0.02%	0.002%
16	3.402	715	719	721	rBV5	915	751	0.03%	0.004%
17	3.441	729	731	733	rBV3	1359	671	0.03%	0.003%
18	3.466	736	739	740	rBV2	1133	491	0.02%	0.003%
19	3.508	750	752	755	rVB4	952	430	0.02%	0.002%
20	3.659	797	799	802	rBV3	1123	784	0.03%	0.004%
21	3.778	832	836	838	rVB5	1046	738	0.03%	0.004%
22	3.791	838	840	841	rBV2	870	322	0.01%	0.002%
23	3.862	860	862	863	rBV2	1087	462	0.02%	0.002%
24	3.920	868	880	907	rBV	197128	527501	21.44%	2.707%
25	4.396	1013	1028	1051	rBV	399988	981019	39.87%	5.034%
26	4.576	1081	1084	1086	rBV3	1581	1262	0.05%	0.006%
27	4.723	1128	1130	1133	rBV3	2518	1531	0.06%	0.008%
28	4.852	1166	1170	1172	rBV4	1842	1369	0.06%	0.007%
29	4.984	1210	1211	1216	rVB3	1203	644	0.03%	0.003%
30	5.093	1225	1245	1271	rBV2	974966	2460569	100.00%	12.626%
31	5.476	1361	1364	1369	rVB5	1700	1321	0.05%	0.007%
32	5.659	1409	1421	1447	rBV	782136	1527570	62.08%	7.838%
33	6.113	1549	1562	1581	rBV	551890	1096650	44.57%	5.627%
34	6.646	1722	1728	1729	rBV3	3317	3268	0.13%	0.017%

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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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Peak separation: 5

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

35	6.756	1758	1762	1765	rBV4	1060	924	0.04%	0.005%
36	6.839	1784	1788	1790	rBV3	1604	1487	0.06%	0.008%
37	6.945	1817	1821	1824	rBV4	1765	1619	0.07%	0.008%
38	7.026	1832	1846	1864	rBV2	296288	530042	21.54%	2.720%
39	7.357	1936	1949	1967	rBV	1170798	2003772	81.44%	10.282%
40	7.659	2033	2043	2062	rBV	203664	358011	14.55%	1.837%
41	8.125	2177	2188	2225	rBV	648169	1300528	52.85%	6.673%
42	8.630	2343	2345	2346	rBV2	819	325	0.01%	0.002%
43	8.646	2346	2350	2351	rBV3	2216	1454	0.06%	0.007%
44	8.710	2366	2370	2373	rBV5	1794	1679	0.07%	0.009%
45	8.891	2415	2426	2446	rBV	1133329	1818650	73.91%	9.332%
46	9.370	2573	2575	2577	rBV2	1307	489	0.02%	0.003%
47	9.408	2584	2587	2588	rBV3	1395	639	0.03%	0.003%
48	9.453	2599	2601	2603	rBV3	1059	352	0.01%	0.002%
49	9.466	2603	2605	2609	rBV4	1401	1133	0.05%	0.006%
50	9.489	2609	2612	2617	rVB7	1564	1319	0.05%	0.007%
51	9.527	2622	2624	2628	rVB4	1762	1083	0.04%	0.006%
52	9.559	2631	2634	2636	rBV4	2065	1576	0.06%	0.008%
53	9.669	2667	2668	2670	rBV2	826	308	0.01%	0.002%
54	9.694	2670	2676	2677	rBV3	898	891	0.04%	0.005%
55	9.752	2692	2694	2696	rBV3	1057	539	0.02%	0.003%
56	9.768	2697	2699	2701	rBV3	1533	876	0.04%	0.004%
57	9.813	2709	2713	2716	rBV5	1867	1803	0.07%	0.009%
58	9.845	2721	2723	2724	rBV2	918	317	0.01%	0.002%
59	9.878	2731	2733	2738	rVB5	1627	1271	0.05%	0.007%
60	9.916	2743	2745	2746	rBV2	1042	468	0.02%	0.002%
61	10.132	2806	2812	2815	rVV8	1171	1330	0.05%	0.007%
62	10.254	2835	2850	2867	rBV	779189	1239372	50.37%	6.359%
63	10.579	2945	2951	2960	rBV4	7446	10521	0.43%	0.054%
64	10.656	2969	2975	2976	rBV4	1632	1420	0.06%	0.007%
65	10.746	2997	3003	3006	rVB5	1983	1726	0.07%	0.009%
66	10.807	3019	3022	3023	rBV3	1024	440	0.02%	0.002%
67	10.820	3023	3026	3027	rVV2	1243	678	0.03%	0.003%
68	10.842	3031	3033	3035	rVB3	997	415	0.02%	0.002%
69	10.871	3035	3042	3044	rBV6	2034	2356	0.10%	0.012%
70	10.955	3057	3068	3074	rBV5	9460	15362	0.62%	0.079%
71	11.138	3123	3125	3127	rBV3	945	487	0.02%	0.002%

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

72	11.225	3142	3152	3160	rVV4	12812	23246	0.94%	0.119%
73	11.289	3160	3172	3195	rVV	1116806	1749073	71.08%	8.975%
74	11.527	3244	3246	3250	rVB4	1753	1064	0.04%	0.005%
75	11.665	3277	3289	3311	rBV	1191566	1882932	76.52%	9.662%
76	11.887	3356	3358	3360	rBV3	1032	464	0.02%	0.002%
77	11.951	3375	3378	3382	rBV4	1877	1774	0.07%	0.009%
78	11.984	3386	3388	3394	rBV5	1552	1215	0.05%	0.006%
79	12.064	3410	3413	3416	rBV3	1510	1272	0.05%	0.007%
80	12.087	3416	3420	3422	rBV4	1742	1259	0.05%	0.006%
81	12.125	3427	3432	3434	rBV3	2265	1965	0.08%	0.010%
82	12.186	3447	3451	3454	rBV5	1734	1640	0.07%	0.008%
83	12.263	3471	3475	3478	rBV5	1132	1094	0.04%	0.006%
84	12.292	3482	3484	3488	rVB4	1789	1023	0.04%	0.005%
85	12.456	3531	3535	3536	rBV4	2180	1448	0.06%	0.007%
86	12.543	3561	3562	3566	rBV4	1412	703	0.03%	0.004%
87	12.601	3577	3580	3581	rBV2	640	433	0.02%	0.002%
88	12.607	3581	3582	3586	rVB4	1452	787	0.03%	0.004%
89	12.646	3591	3594	3597	rBV3	1692	1117	0.05%	0.006%
90	12.691	3597	3608	3620	rBV3	21315	36875	1.50%	0.189%
91	12.736	3620	3622	3624	rVB3	1176	366	0.01%	0.002%
92	12.868	3659	3663	3665	rBV4	1147	620	0.03%	0.003%
93	12.984	3693	3699	3701	rBV5	1069	1195	0.05%	0.006%
94	13.106	3735	3737	3740	rVB4	1462	671	0.03%	0.003%
95	13.125	3740	3743	3746	rBV4	1132	923	0.04%	0.005%
96	13.305	3791	3799	3815	rVB4	27395	45398	1.85%	0.233%
97	13.482	3850	3854	3857	rBV4	1221	1214	0.05%	0.006%
98	13.550	3864	3875	3891	rBV2	47830	90230	3.67%	0.463%
99	13.787	3940	3949	3967	rVB2	30193	52375	2.13%	0.269%
100	14.389	4134	4136	4139	rBV3	1826	989	0.04%	0.005%

Sum of corrected areas: 19488720

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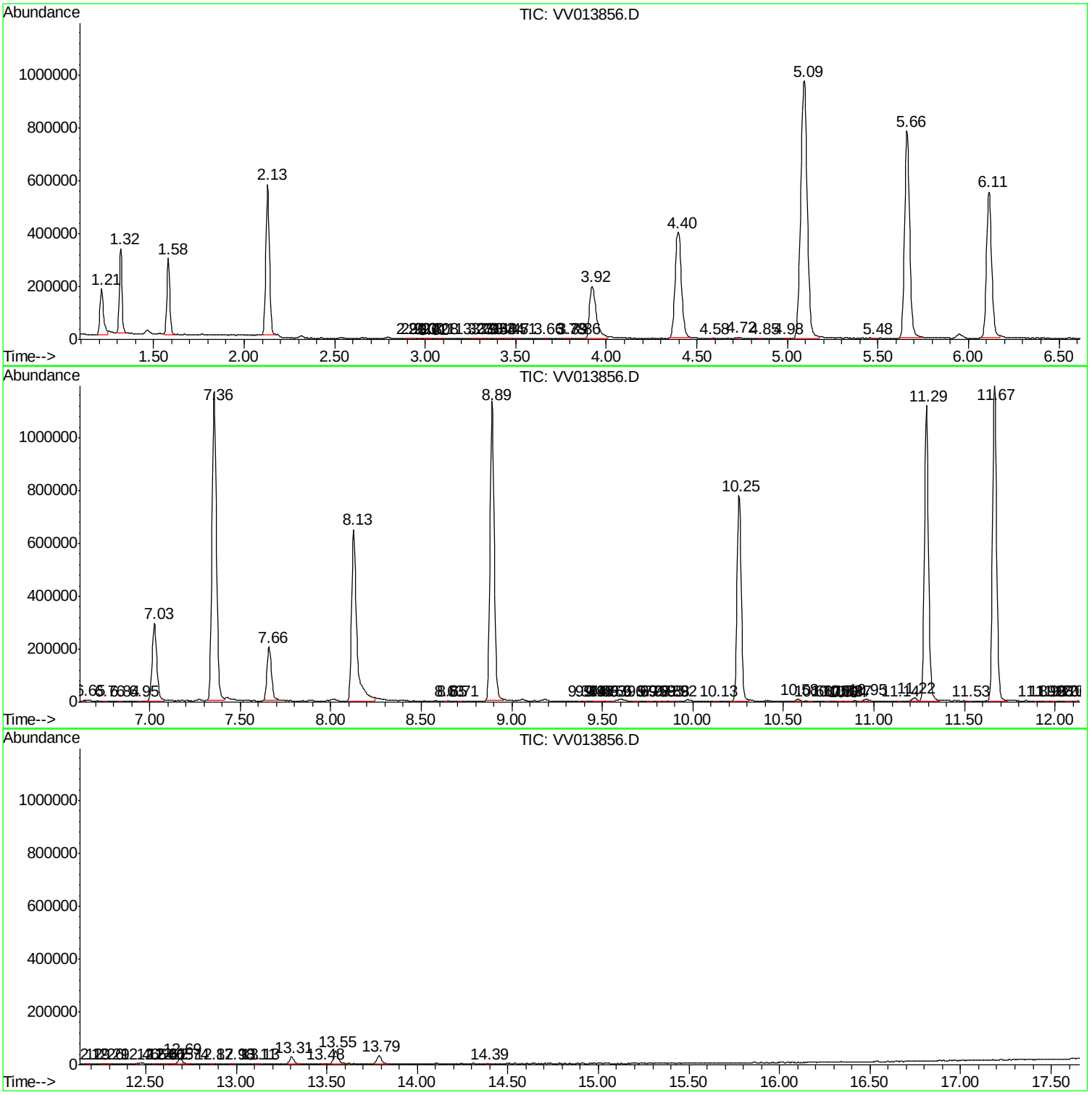
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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ClientSampleId : H0AA0

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

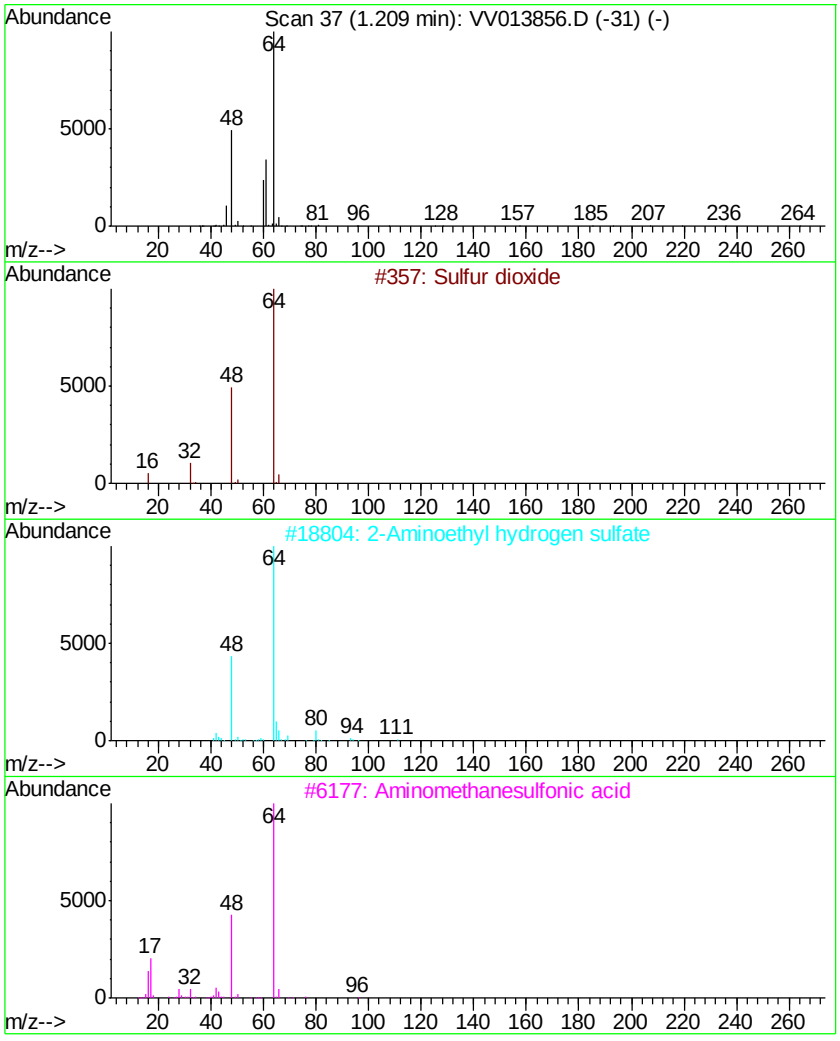
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

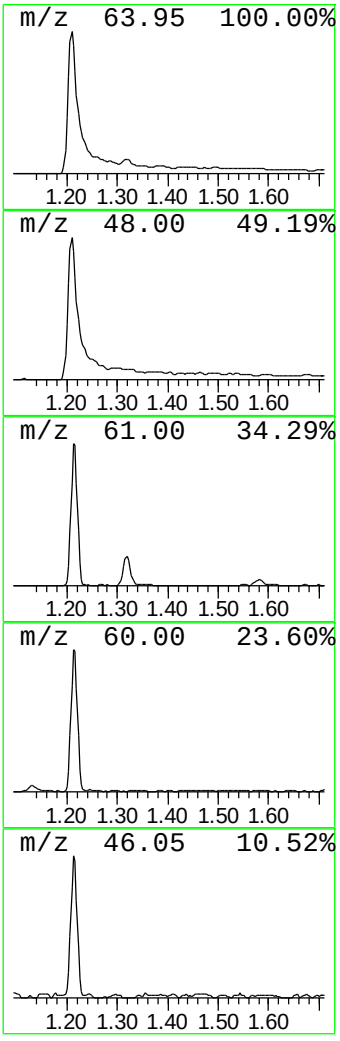
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	7.59 ug/L	231953	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	64
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	50
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	50
4	S-2-[4-Glutarimidobutylaminoleth...	324	C11H20N2O5S2	031701-78-7	40
5	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	39





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	7.6	ug/L	231953	1	5.66	1527570	50.0