LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009871.D
Acq On : 25 Mar 2019 19:33
Operator : SY/MD
Sample : K2070-13 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09D8

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\SOMVLM032519WMA.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	1.206	32	36	50	rBV2	14956	23808	0.88%	0.244%
2	1.322	66	72	80	rVB	152362	140019	5.19%	1.432%
3	1.560	141	146	161	rVB	152801	177971	6.60%	1.820%
4	2.126	314	322	334	rVB	357933	492494	18.27%	5.038%
5	2.296	372	375	381	rBV5	1347	1219	0.05%	0.012%
6	2.418	410	413	415	rBV2	1363	1005	0.04%	0.010%
7	2.463	424	427	431	rVB2	1236	743	0.03%	0.008%
8	2.502	436	439	441	rBV2	1196	696	0.03%	0.007%
9	2.537	446	450	455	rBV4	1509	1407	0.05%	0.014%
10	2.624	472	477	479	rBV3	777	809	0.03%	0.008%
11	2.659	485	488	491	rBV3	826	530	0.02%	0.005%
12	2.926	567	571	573	rBV2	982	849	0.03%	0.009%
13	3.087	616	621	624	rVB2	902	649	0.02%	0.007%
14	3.235	664	667	669	rBV3	1330	828	0.03%	0.008%
15	3.492	743	747	749	rBV2	1064	859	0.03%	0.009%
16	3.528	755	758	761	rBV	898	802	0.03%	0.008%
17	3.640	790	793	797	rBV2	1245	967	0.04%	0.010%
18	3.759	828	830	832	rBV	1033	541	0.02%	0.006%
19	3.933	872	884	905	rBV2	49399	126345	4.69%	1.292%
20	4.402	1011	1030	1052	rBV	120646	293892	10.90%	3.006%
21	4.778	1144	1147	1151	rBV2	1289	919	0.03%	0.009%
22	4.875	1170	1177	1178	rBV5	1545	1601	0.06%	0.016%
23	4.900	1183	1185	1189	rVB3	1148	668	0.02%	0.007%
24	4.933	1189	1195	1199	rBV3	1104	1132	0.04%	0.012%
25	4.974	1205	1208	1210	rBV2	1013	704	0.03%	0.007%
26	5.097	1227	1246	1253	rBV2	298146	719694	26.70%	7.362%
27	5.434	1347	1351	1353	rBV2	1309	1088	0.04%	0.011%
28	5.492	1366	1369	1372	rBV2	1497	1173	0.04%	0.012%
29	5.553	1384	1388	1389	rBV3	1285	879	0.03%	0.009%
30	5.666	1410	1423	1443	rBV	208668	415003	15.40%	4.245%
31	6.119	1551	1564	1585	rBV	169782	336003	12.46%	3.437%
32	6.367	1637	1641	1643	rBV2	1185	956	0.04%	0.010%
33	6.579	1705	1707	1709	rBV2	986	576	0.02%	0.006%
34	6.627	1719	1722	1724	rBV2	1066	615	0.02%	0.006%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09D8

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\SOMVLM032519WMA.M
Title : VOC Analysis

35	6.878	1797	1800	1803	rBV3	954	533	0.02%	0.005%
36	6.929	1813	1816	1820	rVB	1207	971	0.04%	0.010%
37	7.029	1835	1847	1863	rBV2	79632	145749	5.41%	1.491%
38	7.161	1885	1888	1889	rBV2	911	507	0.02%	0.005%
39	7.283	1923	1926	1930	rBV3	1431	1144	0.04%	0.012%
40	7.360	1938	1950	1970	rBV	342395	592725	21.99%	6.063%
41	7.595	2018	2023	2026	rBV3	1417	1363	0.05%	0.014%
42	7.614	2026	2029	2030	rVV2	1114	581	0.02%	0.006%
43	7.662	2034	2044	2062	rVB2	54609	92802	3.44%	0.949%
44	7.743	2067	2069	2074	rBV2	1150	732	0.03%	0.007%
45	7.878	2104	2111	2117	rBV3	1497	2118	0.08%	0.022%
46	7.936	2125	2129	2131	rBV3	733	529	0.02%	0.005%
47	8.135	2180	2191	2211	rBV	165166	295307	10.95%	3.021%
48	8.415	2276	2278	2281	rVB2	1224	626	0.02%	0.006%
49	8.524	2310	2312	2314	rBV2	873	502	0.02%	0.005%
50	8.592	2323	2333	2334	rBV2	1345	1728	0.06%	0.018%
51	8.698	2363	2366	2367	rBV2	1007	647	0.02%	0.007%
52	8.746	2377	2381	2384	rBV	1087	836	0.03%	0.009%
53	8.768	2384	2388	2392	rVB	1558	1389	0.05%	0.014%
54	8.926	2416	2437	2476	rBV2	1331519	2695676	100.00%	27.573%
55	9.209	2521	2525	2526	rBV2	1091	609	0.02%	0.006%
56	9.257	2537	2540	2543	rBV	975	795	0.03%	0.008%
57	9.334	2561	2564	2565	rBV2	817	518	0.02%	0.005%
58	9.405	2583	2586	2588	rBV2	1221	693	0.03%	0.007%
59	10.264	2840	2853	2866	rBV	228352	369116	13.69%	3.776%
60	10.495	2922	2925	2928	rBV	1354	814	0.03%	0.008%
61	10.701	2986	2989	2991	rBV2	921	662	0.02%	0.007%
62	11.038	3088	3094	3096	rBV3	1015	1060	0.04%	0.011%
63	11.122	3116	3120	3121	rBV3	976	564	0.02%	0.006%
64	11.228	3143	3153	3163	rVV3	32352	52997	1.97%	0.542%
65	11.318	3163	3181	3197	rVB2	614525	1397157	51.83%	14.291%
66	11.395	3203	3205	3210	rBV2	1023	705	0.03%	0.007%
67	11.614	3270	3273	3276	rBV2	1126	831	0.03%	0.009%
68	11.688	3280	3296	3314	rVV3	544298	1261134	46.78%	12.900%
69	11.836	3340	3342	3345	rBV	700	566	0.02%	0.006%
70	11.881	3354	3356	3360	rVB	1125	648	0.02%	0.007%
71	11.907	3360	3364	3368	rBV2	1057	955	0.04%	0.010%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : C09D8

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\SOMVLM032519WMA.M
Title : VOC Analysis

72	11.958	3375	3380	3382	rBV3	988	870	0.03%	0.009%
73	12.215	3454	3460	3463	rBV4	1694	1680	0.06%	0.017%
74	12.392	3513	3515	3518	rBV3	1097	659	0.02%	0.007%
75	12.498	3545	3548	3553	rBV3	1364	1381	0.05%	0.014%
76	12.791	3636	3639	3640	rBV	877	546	0.02%	0.006%
77	12.829	3649	3651	3654	rVB2	1451	802	0.03%	0.008%
78	13.038	3713	3716	3719	rBV4	992	717	0.03%	0.007%
79	13.093	3723	3733	3735	rBV4	1649	2094	0.08%	0.021%
80	13.312	3792	3801	3817	rVB4	41603	67387	2.50%	0.689%
81	13.418	3830	3834	3836	rBV2	802	785	0.03%	0.008%
82	13.482	3849	3854	3858	rBV4	1410	1534	0.06%	0.016%
83	13.797	3945	3952	3960	rBV6	4183	6598	0.24%	0.067%
84	13.890	3977	3981	3984	rBV	1173	912	0.03%	0.009%
85	13.987	4008	4011	4013	rBV2	1023	688	0.03%	0.007%
86	14.045	4025	4029	4031	rBV3	1538	1299	0.05%	0.013%
87	14.083	4036	4041	4043	rBV2	1369	1305	0.05%	0.013%
88	14.180	4067	4071	4073	rBV2	1129	830	0.03%	0.008%
89	14.341	4119	4121	4125	rVV3	929	765	0.03%	0.008%
90	14.450	4151	4155	4158	rBV2	1167	1007	0.04%	0.010%
91	14.598	4198	4201	4207	rBV4	1464	1606	0.06%	0.016%
92	14.759	4247	4251	4256	rBV4	1946	2463	0.09%	0.025%
93	15.141	4368	4370	4373	rBV	787	522	0.02%	0.005%
94	15.267	4405	4409	4410	rBV2	1161	770	0.03%	0.008%
95	15.312	4421	4423	4425	rBV3	796	488	0.02%	0.005%
96	15.588	4506	4509	4512	rBV2	2144	1741	0.06%	0.018%
97	15.685	4537	4539	4543	rBV2	669	571	0.02%	0.006%
98	15.704	4543	4545	4548	rBV	818	570	0.02%	0.006%
99	15.897	4602	4605	4608	rVB2	1724	1077	0.04%	0.011%
100	16.212	4700	4703	4707	rVB2	1432	954	0.04%	0.010%

Sum of corrected areas: 9776354

LSC Report - Integrated Chromatogram

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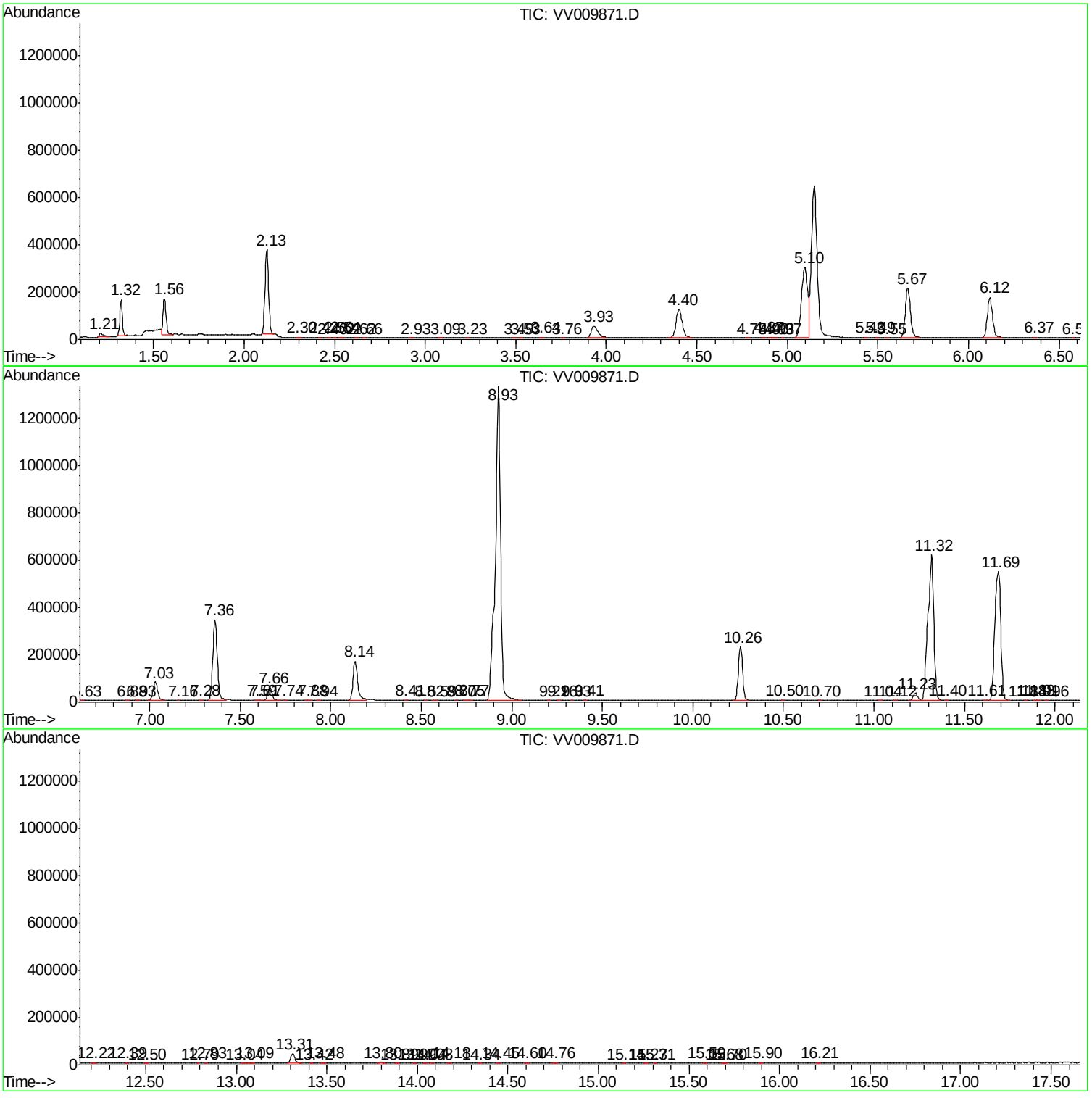
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09D8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09D8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis

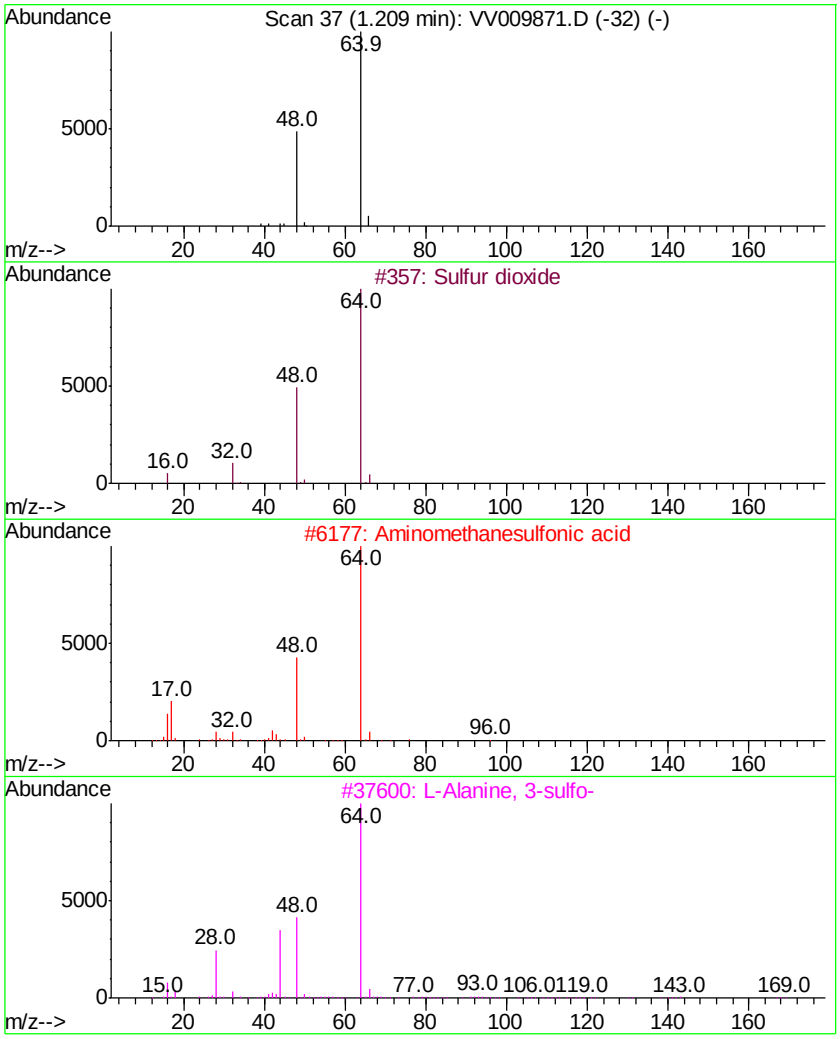
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

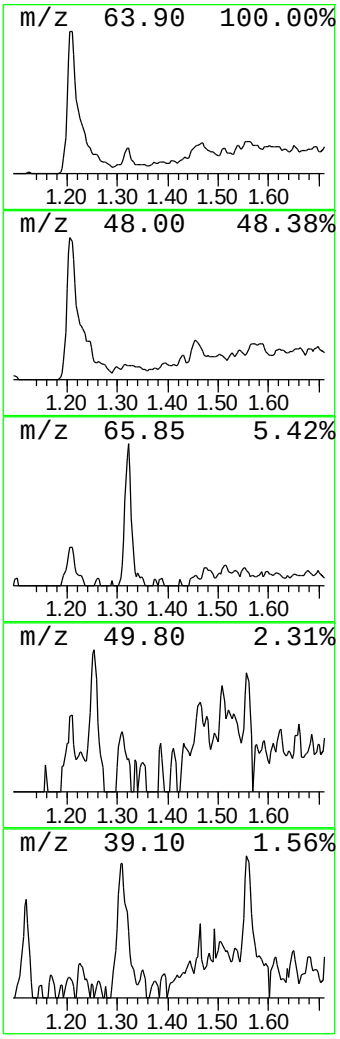
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.87 ug/L	23808	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5	Sulfur dioxide	64	O2S	007446-09-5	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	2.9	ug/L	23808	1	5.67	415003	50.0