LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
Data File : VU023584.D
Acq On : 02 May 2018 17:52
Operator : MD/SY
Sample : J2558-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.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	0.629	6	12	14	rBV	137	155	0.01%	0.001%
2	0.677	24	27	32	rVB2	179	154	0.01%	0.001%
3	0.709	32	37	43	rBV2	199	258	0.02%	0.002%
4	0.867	82	86	90	rBV2	124	158	0.01%	0.001%
5	1.088	137	155	176	rBV	1105392	1276275	100.00%	11.679%
6	1.182	181	184	190	rVB	8547	8078	0.63%	0.074%
7	1.291	211	218	231	rBV2	20334	42098	3.30%	0.385%
8	1.397	245	251	260	rVB	145948	145271	11.38%	1.329%
9	1.680	331	339	352	rVB	108400	137519	10.78%	1.258%
10	2.272	512	523	536	rBV	244707	370125	29.00%	3.387%
11	2.474	578	586	594	rVB	2790	4215	0.33%	0.039%
12	2.622	625	632	644	rVB4	932	1570	0.12%	0.014%
13	2.674	645	648	651	rBV3	248	209	0.02%	0.002%
14	2.703	651	657	663	rBV2	1323	1696	0.13%	0.016%
15	2.838	690	699	712	rVB3	1948	4080	0.32%	0.037%
16	2.892	712	716	718	rBV2	193	147	0.01%	0.001%
17	2.982	737	744	756	rVB4	1482	2198	0.17%	0.020%
18	3.175	802	804	808	rVB	220	127	0.01%	0.001%
19	3.275	832	835	840	rVV2	194	156	0.01%	0.001%
20	3.416	876	879	884	rVB2	250	196	0.02%	0.002%
21	3.448	885	889	893	rBV2	187	153	0.01%	0.001%
22	3.519	907	911	914	rVB2	168	150	0.01%	0.001%
23	3.542	914	918	921	rBV	182	174	0.01%	0.002%
24	3.693	960	965	970	rBV2	219	259	0.02%	0.002%
25	3.747	976	982	984	rBV2	149	118	0.01%	0.001%
26	3.908	1028	1032	1034	rBV	190	123	0.01%	0.001%
27	4.182	1101	1117	1157	rBV	126966	340350	26.67%	3.114%
28	4.397	1181	1184	1186	rBV2	387	248	0.02%	0.002%
29	4.558	1232	1234	1236	rBV2	216	124	0.01%	0.001%
30	4.651	1246	1263	1288	rBV	193968	456470	35.77%	4.177%
31	4.892	1330	1338	1346	rVB3	752	1272	0.10%	0.012%
32	4.995	1362	1370	1377	rVB5	950	1525	0.12%	0.014%
33	5.034	1377	1382	1384	rBV2	219	121	0.01%	0.001%
34	5.085	1394	1398	1405	rVB2	246	227	0.02%	0.002%

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Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Title : VOC Analysis

35	5.130	1405	1412	1414	rBV	135	148	0.01%	0.001%
36	5.140	1414	1415	1419	rVB2	322	139	0.01%	0.001%
37	5.342	1454	1478	1516	rBV2	385808	1179998	92.46%	10.798%
38	5.616	1560	1563	1568	rVB2	308	260	0.02%	0.002%
39	5.648	1568	1573	1576	rBV	270	219	0.02%	0.002%
40	5.664	1576	1578	1583	rVB2	224	163	0.01%	0.001%
41	5.757	1604	1607	1611	rVB2	263	178	0.01%	0.002%
42	5.818	1611	1626	1627	rBV2	7332	14604	1.14%	0.134%
43	5.892	1636	1649	1681	rBV	394194	802580	62.88%	7.344%
44	6.191	1732	1742	1755	rVB6	8486	17712	1.39%	0.162%
45	6.336	1772	1787	1809	rBV	268987	544655	42.68%	4.984%
46	6.529	1844	1847	1849	rBV	316	189	0.01%	0.002%
47	6.551	1852	1854	1859	rVB2	359	201	0.02%	0.002%
48	6.706	1899	1902	1906	rVB2	280	213	0.02%	0.002%
49	6.728	1906	1909	1911	rBV	233	168	0.01%	0.002%
50	6.783	1924	1926	1929	rVB2	342	200	0.02%	0.002%
51	6.802	1929	1932	1933	rBV2	334	165	0.01%	0.002%
52	6.857	1944	1949	1951	rVV4	547	505	0.04%	0.005%
53	6.921	1966	1969	1973	rBV3	259	191	0.01%	0.002%
54	6.969	1982	1984	1990	rBV2	198	176	0.01%	0.002%
55	6.998	1990	1993	1995	rBV2	174	118	0.01%	0.001%
56	7.008	1995	1996	2000	rVV3	255	128	0.01%	0.001%
57	7.146	2037	2039	2041	rBV	234	139	0.01%	0.001%
58	7.181	2046	2050	2053	rBV	242	152	0.01%	0.001%
59	7.233	2053	2066	2097	rBV	145089	268729	21.06%	2.459%
60	7.461	2129	2137	2140	rBV3	840	1110	0.09%	0.010%
61	7.570	2157	2171	2216	rBV	520818	931629	73.00%	8.525%
62	7.747	2224	2226	2235	rVB3	585	667	0.05%	0.006%
63	7.853	2248	2259	2288	rBV	103015	179694	14.08%	1.644%
64	8.172	2355	2358	2359	rBV	272	161	0.01%	0.001%
65	8.233	2369	2377	2382	rBV5	1103	1425	0.11%	0.013%
66	8.313	2389	2402	2435	rBV	417483	724456	56.76%	6.629%
67	8.596	2487	2490	2492	rBV3	390	304	0.02%	0.003%
68	8.625	2493	2499	2510	rVB2	1492	2228	0.17%	0.020%
69	8.673	2510	2514	2515	rBV2	178	130	0.01%	0.001%
70	8.731	2528	2532	2537	rBV2	203	238	0.02%	0.002%
71	8.792	2547	2551	2553	rBV	205	145	0.01%	0.001%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Title : VOC Analysis

72	9.095	2631	2645	2676	rBV	579214	973726	76.29%	8.910%
73	9.259	2689	2696	2704	rVB3	1087	1778	0.14%	0.016%
74	9.384	2726	2735	2749	rVB2	2259	3504	0.27%	0.032%
75	9.712	2835	2837	2842	rVV2	154	129	0.01%	0.001%
76	9.799	2854	2864	2867	rBV3	1319	1789	0.14%	0.016%
77	9.902	2892	2896	2899	rBV	171	159	0.01%	0.001%
78	10.078	2949	2951	2956	rVB2	384	357	0.03%	0.003%
79	10.107	2956	2960	2967	rBV2	217	312	0.02%	0.003%
80	10.172	2972	2980	2984	rBV3	1043	1288	0.10%	0.012%
81	10.239	2998	3001	3003	rBV	193	129	0.01%	0.001%
82	10.435	3050	3062	3080	rBV	386555	620289	48.60%	5.676%
83	10.660	3130	3132	3134	rBV	203	126	0.01%	0.001%
84	11.226	3305	3308	3313	rBV2	216	242	0.02%	0.002%
85	11.426	3362	3370	3377	rBV3	2639	3357	0.26%	0.031%
86	11.490	3377	3390	3412	rBV	593401	943685	73.94%	8.635%
87	11.647	3437	3439	3441	rBV	304	142	0.01%	0.001%
88	11.815	3487	3491	3493	rBV	410	310	0.02%	0.003%
89	11.866	3493	3507	3531	rVV	539465	882970	69.18%	8.080%
90	12.072	3568	3571	3573	rBV2	302	222	0.02%	0.002%
91	12.236	3619	3622	3625	rVB2	302	137	0.01%	0.001%
92	12.258	3626	3629	3631	rBV3	256	157	0.01%	0.001%
93	12.300	3639	3642	3649	rVB2	274	206	0.02%	0.002%
94	12.528	3709	3713	3716	rBV	408	386	0.03%	0.004%
95	12.895	3819	3827	3836	rBV4	3269	4708	0.37%	0.043%
96	13.512	4012	4019	4030	rBV4	4206	6330	0.50%	0.058%
97	13.754	4089	4094	4103	rVB	3764	4887	0.38%	0.045%
98	13.998	4162	4170	4182	rVB4	4125	6361	0.50%	0.058%
99	14.506	4326	4328	4332	rBV2	405	297	0.02%	0.003%
100	14.953	4465	4467	4468	rBV2	349	156	0.01%	0.001%

Sum of corrected areas: 10928255

LSC Report - Integrated Chromatogram

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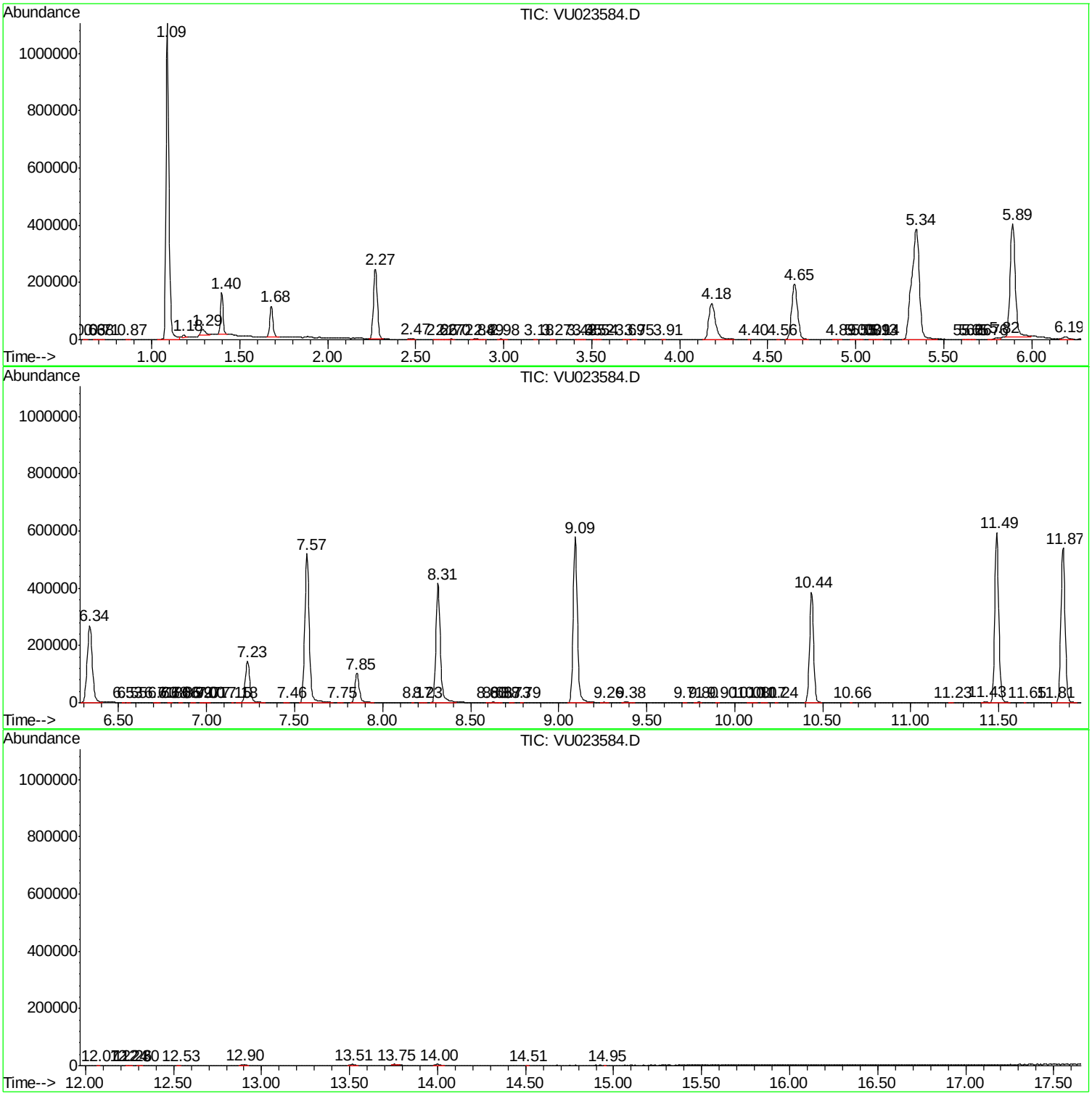
Sample : J2558-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

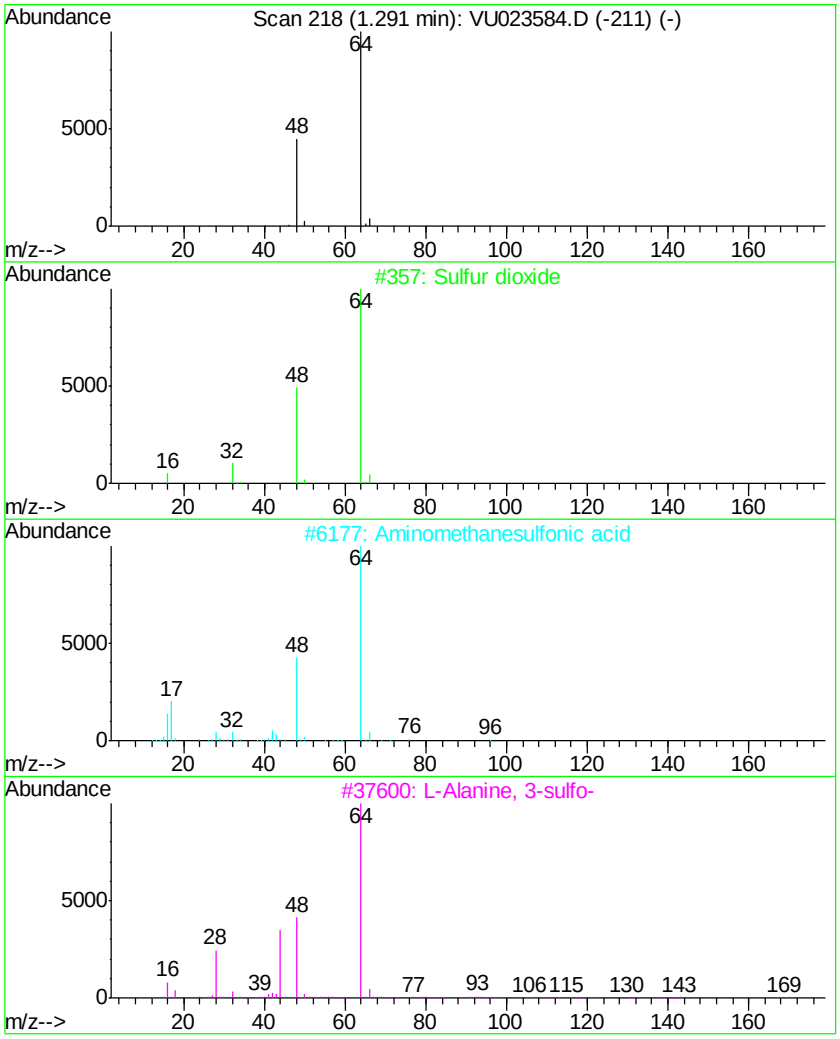
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

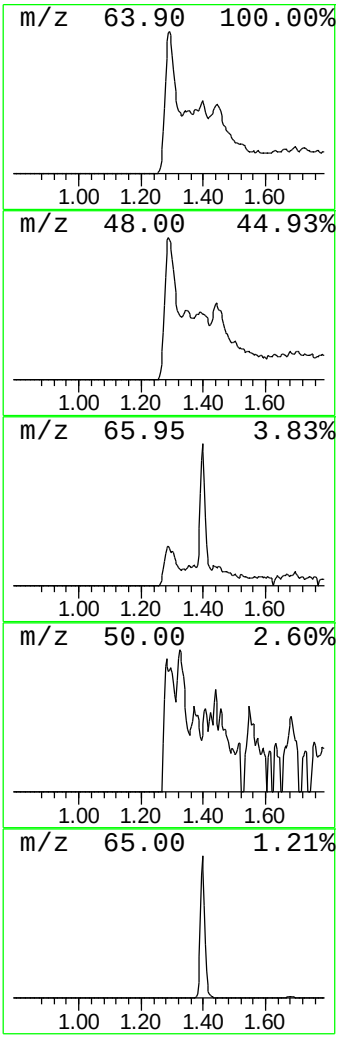
****

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	2.62 ug/L	42098	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	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	1.29	2.6	ug/L	42098	1	5.89	802580	50.0