LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037870.D
Acq On : 24 Apr 2020 14:54
Operator : JC/MD
Sample : L2395-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D90

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_U\METHOD\SOMULM042320WMA.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	1.372	6	10	17	rBV2	6649	6650	0.29%	0.037%
2	1.485	38	45	58	rBV	39299	79205	3.45%	0.445%
3	1.613	77	85	95	rVB2	389346	430695	18.77%	2.419%
4	1.932	176	184	196	rVB	258547	330748	14.41%	1.858%
5	2.591	377	389	405	rBV2	466558	792021	34.51%	4.448%
6	2.700	420	423	424	rBV2	1183	766	0.03%	0.004%
7	2.787	439	450	466	rBV3	9129	21285	0.93%	0.120%
8	3.076	533	540	544	rBV7	1915	2541	0.11%	0.014%
9	3.221	573	585	601	rVB2	13038	29086	1.27%	0.163%
10	3.321	612	616	619	rBV2	565	414	0.02%	0.002%
11	3.391	626	638	647	rVB3	4981	9139	0.40%	0.051%
12	3.623	695	710	721	rBV3	10191	24178	1.05%	0.136%
13	3.809	766	768	772	rVB4	705	434	0.02%	0.002%
14	3.838	772	777	779	rVB2	744	528	0.02%	0.003%
15	3.977	813	820	830	rBV3	828	1167	0.05%	0.007%
16	4.170	875	880	882	rBV2	558	461	0.02%	0.003%
17	4.256	904	907	910	rVB2	602	408	0.02%	0.002%
18	4.417	952	957	960	rBV	746	618	0.03%	0.003%
19	4.533	988	993	998	rVB3	579	624	0.03%	0.004%
20	4.668	1019	1035	1040	rBV	271527	588864	25.66%	3.307%
21	5.102	1152	1170	1190	rBV	389790	846392	36.88%	4.754%
22	5.308	1232	1234	1235	rBV	849	414	0.02%	0.002%
23	5.359	1237	1250	1258	rVV4	5266	12188	0.53%	0.068%
24	5.414	1261	1267	1270	rBV5	1161	1085	0.05%	0.006%
25	5.761	1350	1375	1395	rBV2	873594	2294935	100.00%	12.889%
26	5.986	1442	1445	1448	rBV2	764	436	0.02%	0.002%
27	6.009	1450	1452	1460	rVB4	988	911	0.04%	0.005%
28	6.067	1464	1470	1472	rBV4	640	751	0.03%	0.004%
29	6.137	1485	1492	1495	rBV4	766	780	0.03%	0.004%
30	6.279	1518	1536	1555	rBV	673730	1260228	54.91%	7.078%
31	6.356	1558	1560	1563	rVB3	1085	682	0.03%	0.004%
32	6.375	1563	1566	1570	rBV2	611	523	0.02%	0.003%
33	6.491	1596	1602	1603	rBV2	725	614	0.03%	0.003%
34	6.571	1611	1627	1646	rVB2	50890	101004	4.40%	0.567%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Title : VOC Analysis

35	6.723	1658	1674	1692	rBV	551352	1056490	46.04%	5.934%
36	6.983	1748	1755	1760	rBV5	1296	1575	0.07%	0.009%
37	7.205	1817	1824	1832	rVB6	2242	3571	0.16%	0.020%
38	7.314	1853	1858	1862	rBV3	563	481	0.02%	0.003%
39	7.382	1873	1879	1881	rBV5	788	609	0.03%	0.003%
40	7.436	1893	1896	1902	rBV4	621	552	0.02%	0.003%
41	7.539	1922	1928	1930	rBV3	597	527	0.02%	0.003%
42	7.591	1930	1944	1961	rBV	335436	581591	25.34%	3.266%
43	7.713	1976	1982	1986	rVB4	1344	1478	0.06%	0.008%
44	7.816	2005	2014	2023	rBV2	5996	9509	0.41%	0.053%
45	7.922	2033	2047	2062	rBV	1119630	1873452	81.63%	10.522%
46	8.060	2087	2090	2094	rVB5	771	483	0.02%	0.003%
47	8.202	2116	2134	2158	rBV	243333	404458	17.62%	2.272%
48	8.417	2197	2201	2208	rVB6	1169	1528	0.07%	0.009%
49	8.491	2212	2224	2239	rBV3	38698	70893	3.09%	0.398%
50	8.575	2245	2250	2258	rVB6	1444	1463	0.06%	0.008%
51	8.655	2261	2275	2308	rBV	803808	1404849	61.22%	7.890%
52	9.288	2467	2472	2478	rVB6	1002	1195	0.05%	0.007%
53	9.436	2504	2518	2537	rBV	950500	1569854	68.41%	8.817%
54	9.587	2558	2565	2571	rBV3	4579	5721	0.25%	0.032%
55	9.710	2593	2603	2615	rVB2	14475	22316	0.97%	0.125%
56	9.864	2648	2651	2657	rVB2	610	541	0.02%	0.003%
57	9.935	2670	2673	2676	rBV2	759	624	0.03%	0.004%
58	10.057	2708	2711	2714	rVV	662	430	0.02%	0.002%
59	10.118	2721	2730	2744	rVB5	9671	16509	0.72%	0.093%
60	10.189	2749	2752	2755	rBV2	539	431	0.02%	0.002%
61	10.240	2763	2768	2770	rBV	477	512	0.02%	0.003%
62	10.308	2783	2789	2790	rBV	611	532	0.02%	0.003%
63	10.343	2797	2800	2803	rBV3	615	486	0.02%	0.003%
64	10.365	2805	2807	2811	rVV2	778	625	0.03%	0.004%
65	10.504	2842	2850	2851	rBV3	1337	1651	0.07%	0.009%
66	10.587	2868	2876	2889	rVB3	7457	11023	0.48%	0.062%
67	10.703	2908	2912	2915	rVB3	666	487	0.02%	0.003%
68	10.771	2920	2933	2954	rVV	689647	1101179	47.98%	6.185%
69	10.902	2962	2974	2985	rVV2	40897	64702	2.82%	0.363%
70	10.970	2990	2995	2997	rBV	504	457	0.02%	0.003%
71	11.054	3015	3021	3025	rBV3	404	455	0.02%	0.003%

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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_U\METHOD\SOMULM042320WMA.M
Title : VOC Analysis

72	11.102	3032	3036	3037	rBV2	653	495	0.02%	0.003%
73	11.430	3133	3138	3142	rVB3	543	578	0.03%	0.003%
74	11.478	3149	3153	3160	rBV4	998	1005	0.04%	0.006%
75	11.703	3218	3223	3229	rVB4	758	767	0.03%	0.004%
76	11.758	3230	3240	3248	rVB6	2264	3236	0.14%	0.018%
77	11.825	3248	3261	3278	rBV	879223	1371268	59.75%	7.702%
78	12.079	3330	3340	3350	rVB5	6643	10801	0.47%	0.061%
79	12.118	3350	3352	3358	rVB3	519	461	0.02%	0.003%
80	12.205	3365	3379	3399	rBV	798463	1284057	55.95%	7.212%
81	12.298	3405	3408	3414	rVB2	461	516	0.02%	0.003%
82	12.336	3418	3420	3425	rVB3	484	449	0.02%	0.003%
83	12.407	3436	3442	3444	rBV2	627	560	0.02%	0.003%
84	12.552	3478	3487	3492	rBV6	1731	2734	0.12%	0.015%
85	12.626	3506	3510	3512	rBV	460	409	0.02%	0.002%
86	12.796	3554	3563	3578	rVV	18168	30613	1.33%	0.172%
87	12.873	3578	3587	3593	rVV4	2442	4642	0.20%	0.026%
88	12.912	3593	3599	3602	rVV6	1003	1146	0.05%	0.006%
89	12.957	3610	3613	3614	rBV2	698	412	0.02%	0.002%
90	13.070	3646	3648	3654	rVB2	526	510	0.02%	0.003%
91	13.240	3694	3701	3710	rVB7	4392	6942	0.30%	0.039%
92	13.430	3753	3760	3768	rVB6	1672	2379	0.10%	0.013%
93	13.860	3890	3894	3901	rBV6	2274	2716	0.12%	0.015%
94	13.944	3918	3920	3923	rBV2	614	433	0.02%	0.002%
95	14.115	3965	3973	3985	rVB3	4915	7614	0.33%	0.043%
96	14.356	4041	4048	4060	rBV6	5664	8706	0.38%	0.049%
97	14.626	4124	4132	4138	rBV	3273	4734	0.21%	0.027%
98	14.883	4209	4212	4215	rBV4	1253	906	0.04%	0.005%
99	15.198	4307	4310	4316	rBV6	1083	1072	0.05%	0.006%
100	15.478	4395	4397	4400	rBV3	1403	905	0.04%	0.005%

Sum of corrected areas: 17805080

LSC Report - Integrated Chromatogram

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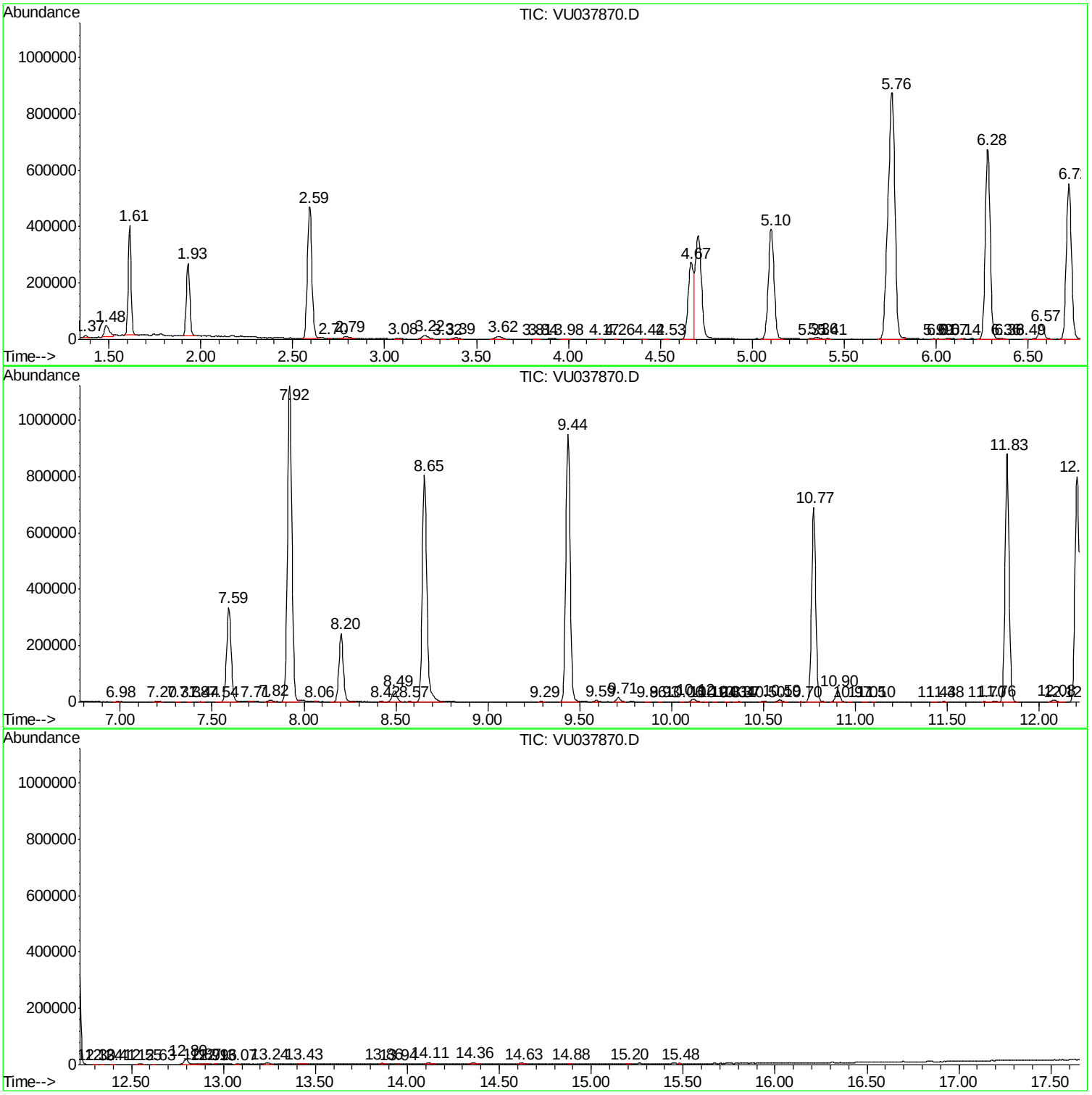
ClientSampleId : C0D90

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

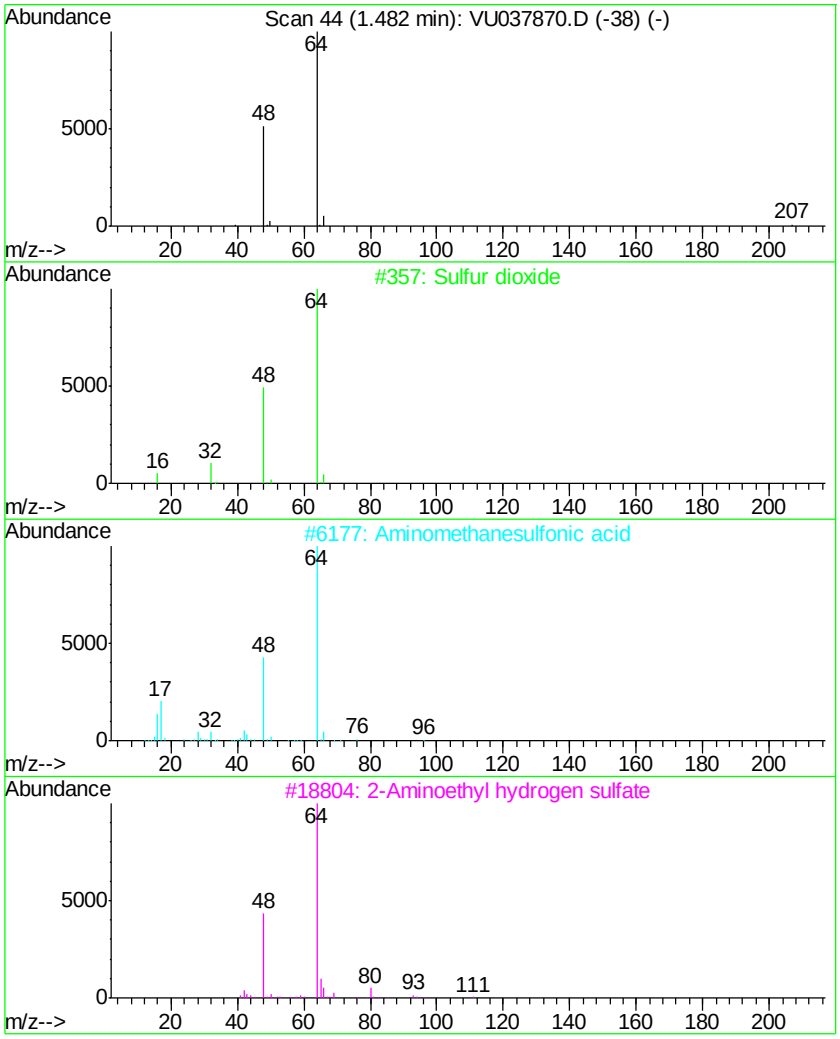
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

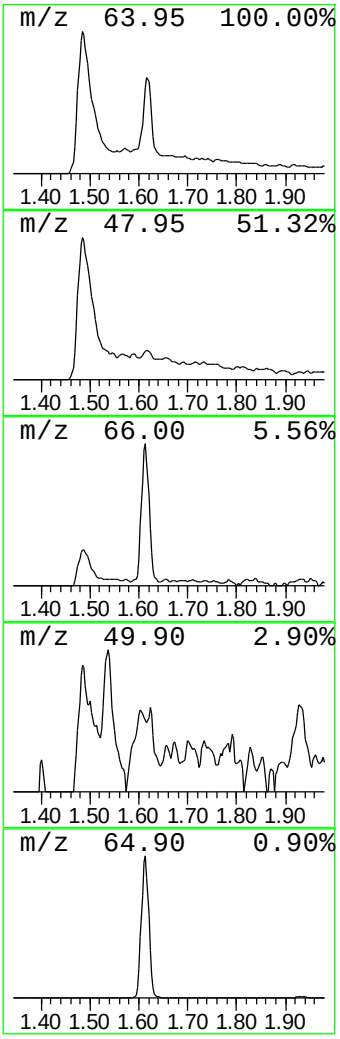
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	3.14 ug/L	79205	1,4-Difluorobenzene	6.28

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	74
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	2,4,6-Triamino-5-pyrimidinyl hyd...	221	C4H7N5O4S	071552-23-3	9





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	1.48	3.1	ug/L	79205	1	6.28	1260230	50.0