LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
Data File : VU038750.D
Acq On : 10 Jun 2020 01:46
Operator : SY/MD
Sample : L2897-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0M1

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\SOMULM060820WMA.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	1.491	38	47	58	rBV	30172	65873	0.71%	0.212%
2	1.613	78	85	105	rVB2	277361	326836	3.53%	1.051%
3	1.928	175	183	201	rVB	170808	226946	2.45%	0.730%
4	2.520	361	367	369	rBV3	1528	1618	0.02%	0.005%
5	2.594	377	390	416	rVB2	423631	725996	7.84%	2.335%
6	2.777	443	447	453	rBV4	863	998	0.01%	0.003%
7	2.813	454	458	460	rVV2	716	473	0.01%	0.002%
8	2.858	466	472	474	rBV3	360	366	0.00%	0.001%
9	2.880	476	479	484	rVB2	420	370	0.00%	0.001%
10	2.906	484	487	490	rBV2	533	314	0.00%	0.001%
11	2.964	500	505	508	rBV3	413	415	0.00%	0.001%
12	3.080	537	541	546	rBV3	770	726	0.01%	0.002%
13	3.208	572	581	583	rBV4	1553	1777	0.02%	0.006%
14	3.388	623	637	652	rVV3	21281	40967	0.44%	0.132%
15	3.514	672	676	679	rBV2	413	304	0.00%	0.001%
16	3.742	744	747	752	rBV3	418	478	0.01%	0.002%
17	3.819	769	771	774	rVB2	491	282	0.00%	0.001%
18	3.842	774	778	780	rBV	385	306	0.00%	0.001%
19	3.916	797	801	806	rVV2	325	317	0.00%	0.001%
20	3.951	806	812	815	rVB3	432	489	0.01%	0.002%
21	4.395	945	950	955	rVB4	598	626	0.01%	0.002%
22	4.424	955	959	961	rBV3	521	462	0.00%	0.001%
23	4.706	1015	1047	1076	rBV2	2595488	6264339	67.66%	20.151%
24	5.099	1154	1169	1190	rVB	361250	779281	8.42%	2.507%
25	5.256	1215	1218	1221	rBV4	784	426	0.00%	0.001%
26	5.398	1258	1262	1264	rBV2	1037	880	0.01%	0.003%
27	5.758	1350	1374	1404	rBV2	731728	2003597	21.64%	6.445%
28	5.951	1432	1434	1439	rVB3	603	433	0.00%	0.001%
29	5.989	1445	1446	1452	rVB4	603	354	0.00%	0.001%
30	6.067	1465	1470	1474	rBV4	674	886	0.01%	0.003%
31	6.137	1484	1492	1495	rBV4	707	885	0.01%	0.003%
32	6.192	1506	1509	1512	rBV2	430	328	0.00%	0.001%
33	6.279	1521	1536	1557	rBV	644600	1236543	13.36%	3.978%
34	6.446	1585	1588	1591	rVB2	542	385	0.00%	0.001%

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Operator : SY/MD
Sample : L2897-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0M1

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\SOMULM060820WMA.M
Title : VOC Analysis

35	6.485	1597	1600	1603	rBV3	515	385	0.00%	0.001%
36	6.571	1609	1627	1659	rBV	4934716	9258616	100.00%	29.783%
37	6.719	1660	1673	1698	rVB	460316	908022	9.81%	2.921%
38	7.018	1762	1766	1768	rBV3	521	340	0.00%	0.001%
39	7.115	1791	1796	1804	rVB3	242	395	0.00%	0.001%
40	7.208	1817	1825	1831	rVB6	1718	2763	0.03%	0.009%
41	7.391	1876	1882	1885	rVB4	348	334	0.00%	0.001%
42	7.587	1931	1943	1969	rVB	248768	439584	4.75%	1.414%
43	7.700	1974	1978	1979	rBV	1168	708	0.01%	0.002%
44	7.848	2021	2024	2027	rBV2	340	281	0.00%	0.001%
45	7.922	2032	2047	2088	rBV	862251	1576245	17.02%	5.070%
46	8.198	2119	2133	2154	rBV	180977	304234	3.29%	0.979%
47	8.365	2177	2185	2189	rBV4	529	785	0.01%	0.003%
48	8.478	2214	2220	2222	rBV3	765	798	0.01%	0.003%
49	8.491	2222	2224	2231	rVB	1156	1087	0.01%	0.003%
50	8.574	2244	2250	2252	rBV4	1289	1266	0.01%	0.004%
51	8.652	2260	2274	2317	rBV	684269	1225937	13.24%	3.944%
52	8.883	2342	2346	2348	rBV2	432	323	0.00%	0.001%
53	8.919	2354	2357	2361	rBV3	557	555	0.01%	0.002%
54	8.935	2361	2362	2365	rVV2	702	274	0.00%	0.001%
55	8.951	2365	2367	2372	rVV3	403	364	0.00%	0.001%
56	9.166	2431	2434	2436	rBV2	502	325	0.00%	0.001%
57	9.211	2444	2448	2450	rBV2	327	268	0.00%	0.001%
58	9.291	2469	2473	2480	rBV2	450	460	0.00%	0.001%
59	9.436	2503	2518	2554	rVB	917328	1580144	17.07%	5.083%
60	9.581	2558	2563	2566	rBV3	1002	1173	0.01%	0.004%
61	9.700	2597	2600	2603	rBV2	427	348	0.00%	0.001%
62	9.806	2627	2633	2637	rBV2	381	485	0.01%	0.002%
63	9.983	2686	2688	2691	rBV2	368	273	0.00%	0.001%
64	10.124	2730	2732	2735	rVB2	561	339	0.00%	0.001%
65	10.558	2861	2867	2870	rBV3	391	395	0.00%	0.001%
66	10.697	2907	2910	2917	rVB4	613	590	0.01%	0.002%
67	10.771	2920	2933	2957	rVB	636128	1019804	11.01%	3.280%
68	10.893	2966	2971	2975	rVV4	683	792	0.01%	0.003%
69	11.047	3016	3019	3022	rBV	462	310	0.00%	0.001%
70	11.423	3133	3136	3139	rVB2	611	425	0.00%	0.001%
71	11.478	3151	3153	3158	rVB2	416	300	0.00%	0.001%

LSC Area Percent Report

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Acq On : 10 Jun 2020 01:46
Operator : SY/MD
Sample : L2897-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0M1

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\SOMULM060820WMA.M
Title : VOC Analysis

72	11.542	3171	3173	3179	rVB2	346	278	0.00%	0.001%
73	11.690	3216	3219	3222	rBV2	395	298	0.00%	0.001%
74	11.738	3231	3234	3237	rBV2	550	499	0.01%	0.002%
75	11.822	3243	3260	3275	rBV	968442	1521046	16.43%	4.893%
76	12.031	3322	3325	3328	rVB	614	373	0.00%	0.001%
77	12.079	3328	3340	3349	rBV7	3460	7055	0.08%	0.023%
78	12.111	3349	3350	3355	rVB2	542	323	0.00%	0.001%
79	12.205	3365	3379	3394	rBV	949880	1528610	16.51%	4.917%
80	12.462	3456	3459	3464	rBV4	617	761	0.01%	0.002%
81	12.539	3479	3483	3487	rVB2	515	429	0.00%	0.001%
82	12.571	3490	3493	3497	rBV2	528	404	0.00%	0.001%
83	12.687	3525	3529	3532	rBV2	684	573	0.01%	0.002%
84	12.729	3538	3542	3545	rBV	642	609	0.01%	0.002%
85	12.986	3618	3622	3623	rBV3	1455	858	0.01%	0.003%
86	13.031	3634	3636	3641	rVB	519	368	0.00%	0.001%
87	13.060	3641	3645	3648	rBV	1094	809	0.01%	0.003%
88	13.134	3663	3668	3670	rBV2	299	304	0.00%	0.001%
89	13.333	3727	3730	3733	rBV2	525	341	0.00%	0.001%
90	13.651	3826	3829	3831	rBV3	524	350	0.00%	0.001%
91	13.864	3892	3895	3897	rBV2	645	428	0.00%	0.001%
92	13.905	3905	3908	3911	rBV2	899	647	0.01%	0.002%
93	14.005	3936	3939	3941	rBV	652	433	0.00%	0.001%
94	14.102	3966	3969	3971	rBV3	855	703	0.01%	0.002%
95	14.114	3971	3973	3983	rVB6	1476	1575	0.02%	0.005%
96	14.288	4024	4027	4029	rBV2	737	513	0.01%	0.002%
97	14.880	4209	4211	4215	rVB3	596	343	0.00%	0.001%
98	15.262	4327	4330	4337	rBV4	1216	1157	0.01%	0.004%
99	15.439	4381	4385	4389	rBV4	960	984	0.01%	0.003%
100	15.520	4406	4410	4415	rBV4	1155	1343	0.01%	0.004%

Sum of corrected areas: 31087417

LSC Report - Integrated Chromatogram

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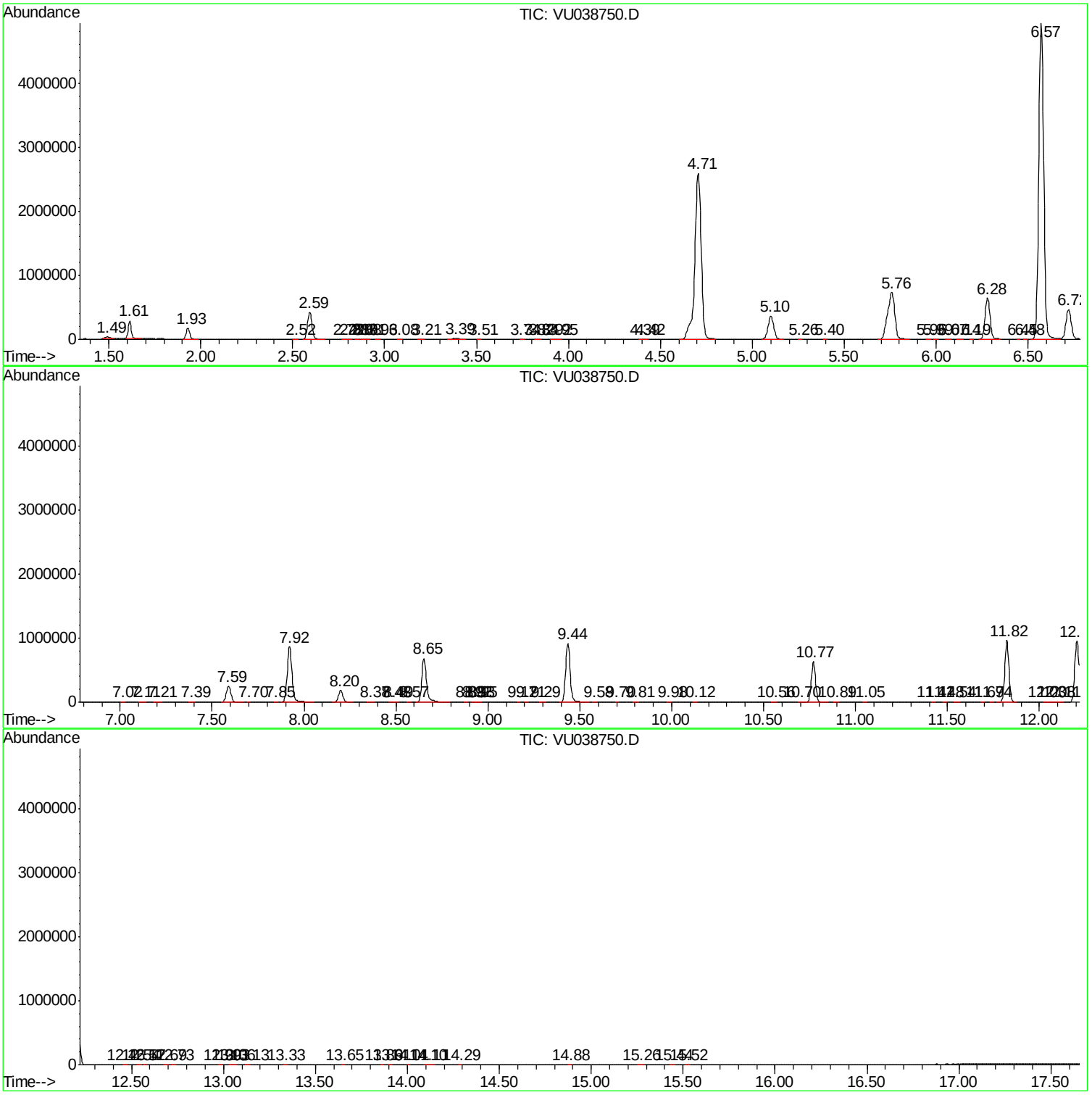
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0M1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061020\
Data File : VU038750.D
Acq On : 10 Jun 2020 01:46
Operator : SY/MD
Sample : L2897-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW0M1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

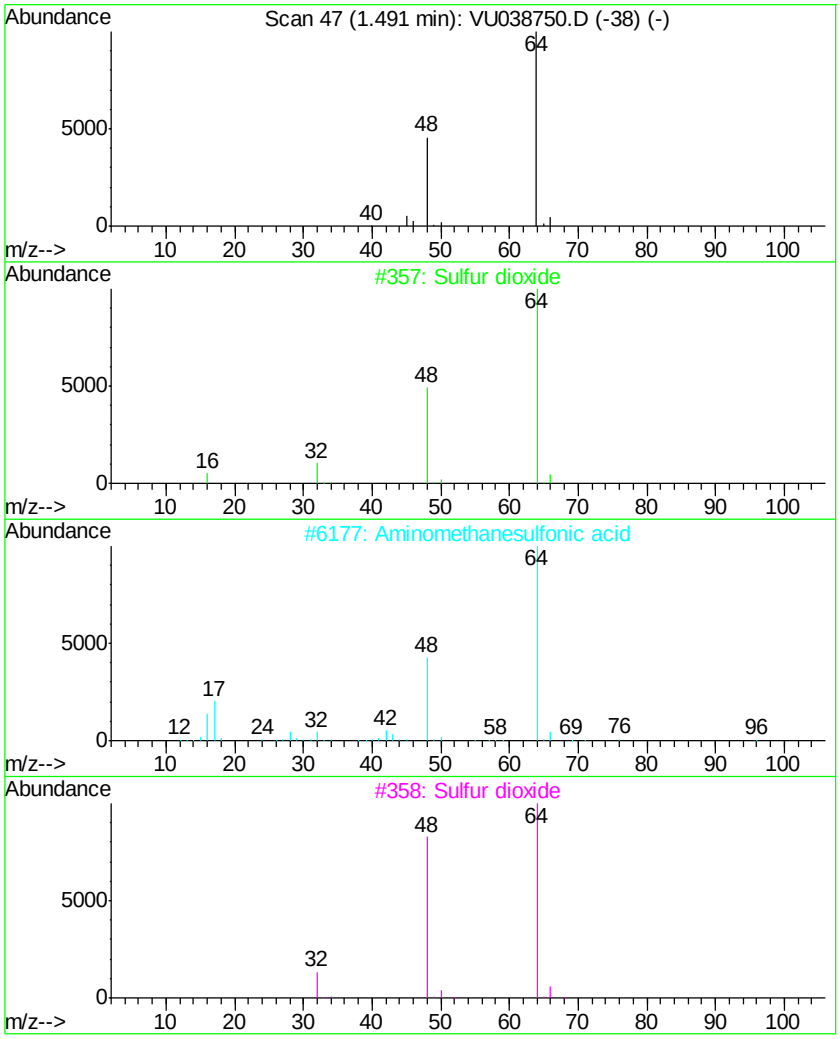
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

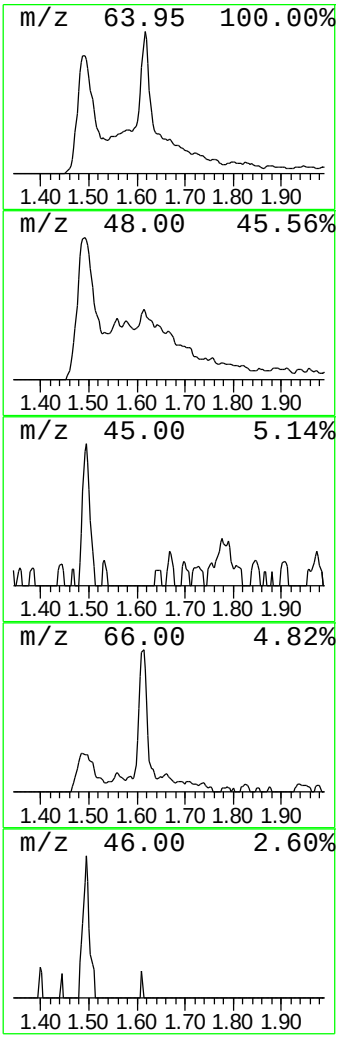
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.49	2.66 ug/L	65873	1,4-Difluorobenzene	6.28

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	Sulfur dioxide	64	O2S	007446-09-5	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061020\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
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	1.49	2.7	ug/L	65873	1	6.28	1236540	50.0