LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038104.D
Acq On : 11 May 2020 14:30
Operator : JC/MD
Sample : L2578-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF2

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\SOMULM043020WMA.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	1.610	77	84	95	rVB	323110	354431	13.38%	1.622%
2	1.928	175	183	200	rVB	285836	375293	14.16%	1.717%
3	2.507	359	363	365	rBV5	1857	1574	0.06%	0.007%
4	2.591	377	389	404	rBV	487960	798160	30.12%	3.652%
5	2.665	405	412	427	rVB2	15782	29077	1.10%	0.133%
6	2.726	427	431	435	rBV5	1097	1013	0.04%	0.005%
7	2.780	437	448	474	rVB	40943	79629	3.01%	0.364%
8	3.073	533	539	541	rBV4	1725	1833	0.07%	0.008%
9	3.208	565	581	598	rBV2	88139	196428	7.41%	0.899%
10	3.337	618	621	624	rVB2	796	574	0.02%	0.003%
11	3.385	631	636	640	rVV6	1280	1647	0.06%	0.008%
12	3.404	640	642	648	rVB3	795	584	0.02%	0.003%
13	3.469	659	662	666	rVB3	710	547	0.02%	0.003%
14	3.633	710	713	719	rVB3	708	617	0.02%	0.003%
15	3.710	734	737	740	rBV2	799	592	0.02%	0.003%
16	3.777	751	758	761	rVV4	416	427	0.02%	0.002%
17	3.906	787	798	815	rBV2	9566	22587	0.85%	0.103%
18	4.038	834	839	842	rBV4	530	487	0.02%	0.002%
19	4.099	852	858	861	rVV3	960	775	0.03%	0.004%
20	4.121	862	865	868	rVV3	593	487	0.02%	0.002%
21	4.176	878	882	886	rVV2	470	549	0.02%	0.003%
22	4.195	886	888	892	rVV2	533	438	0.02%	0.002%
23	4.272	908	912	918	rVB3	559	628	0.02%	0.003%
24	4.661	1017	1033	1067	rBV	329451	796366	30.05%	3.643%
25	4.845	1077	1090	1103	rVB2	10471	23759	0.90%	0.109%
26	5.022	1141	1145	1147	rBV2	935	735	0.03%	0.003%
27	5.102	1150	1170	1198	rBV	463042	1014668	38.29%	4.642%
28	5.237	1210	1212	1217	rVB5	615	448	0.02%	0.002%
29	5.350	1229	1247	1260	rBV4	13251	35486	1.34%	0.162%
30	5.594	1318	1323	1326	rVV3	458	433	0.02%	0.002%
31	5.616	1326	1330	1337	rVB4	699	779	0.03%	0.004%
32	5.758	1350	1374	1405	rBV2	982839	2649823	100.00%	12.123%
33	6.022	1453	1456	1462	rBV4	510	452	0.02%	0.002%
34	6.063	1465	1469	1470	rBV3	677	479	0.02%	0.002%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF2

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\SOMULM043020WMA.M
Title : VOC Analysis

35	6.144	1490	1494	1502	rVB5	1251	1403	0.05%	0.006%
36	6.279	1521	1536	1572	rBV	908854	1726452	65.15%	7.899%
37	6.558	1612	1623	1634	rBV7	9857	19831	0.75%	0.091%
38	6.719	1658	1673	1693	rBV	633365	1225031	46.23%	5.605%
39	6.829	1703	1707	1708	rBV4	1231	910	0.03%	0.004%
40	6.931	1735	1739	1740	rBV2	877	497	0.02%	0.002%
41	6.941	1740	1742	1751	rVV6	1460	2010	0.08%	0.009%
42	6.996	1751	1759	1770	rVB8	2724	5123	0.19%	0.023%
43	7.092	1781	1789	1794	rBV2	536	784	0.03%	0.004%
44	7.208	1811	1825	1832	rBV4	6240	11379	0.43%	0.052%
45	7.240	1832	1835	1841	rVB4	863	675	0.03%	0.003%
46	7.362	1862	1873	1884	rBV5	4265	7374	0.28%	0.034%
47	7.407	1884	1887	1892	rVB4	663	567	0.02%	0.003%
48	7.481	1904	1910	1914	rBV2	426	472	0.02%	0.002%
49	7.536	1916	1927	1932	rBV3	13640	22070	0.83%	0.101%
50	7.591	1933	1944	1964	rVB	354874	607586	22.93%	2.780%
51	7.706	1974	1980	1986	rBV3	3498	5317	0.20%	0.024%
52	7.806	2004	2011	2013	rBV5	1392	1158	0.04%	0.005%
53	7.922	2033	2047	2079	rBV	1167004	2093468	79.00%	9.578%
54	8.201	2120	2134	2151	rBV	248684	408433	15.41%	1.869%
55	8.491	2213	2224	2234	rBV	3732	7214	0.27%	0.033%
56	8.652	2261	2274	2311	rBV	927015	1672267	63.11%	7.651%
57	8.909	2350	2354	2357	rBV2	623	531	0.02%	0.002%
58	9.182	2431	2439	2444	rBV3	1211	1265	0.05%	0.006%
59	9.343	2485	2489	2494	rBV4	640	735	0.03%	0.003%
60	9.375	2494	2499	2501	rVV	606	555	0.02%	0.003%
61	9.436	2503	2518	2552	rVV	1260542	2149075	81.10%	9.832%
62	9.574	2557	2561	2564	rBV2	659	573	0.02%	0.003%
63	9.591	2564	2566	2570	rVV2	603	550	0.02%	0.003%
64	9.613	2570	2573	2579	rVB3	1205	1030	0.04%	0.005%
65	9.706	2596	2602	2611	rVB6	1499	2216	0.08%	0.010%
66	9.848	2641	2646	2649	rBV2	667	692	0.03%	0.003%
67	9.915	2663	2667	2672	rVB3	730	561	0.02%	0.003%
68	10.086	2717	2720	2725	rBV2	593	526	0.02%	0.002%
69	10.176	2742	2748	2750	rBV4	1478	1485	0.06%	0.007%
70	10.275	2769	2779	2794	rBV4	16124	30396	1.15%	0.139%
71	10.340	2797	2799	2803	rVB3	769	426	0.02%	0.002%

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Sample : L2578-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF2

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\SOMULM043020WMA.M
Title : VOC Analysis

72	10.507	2843	2851	2852	rBV3	1317	1409	0.05%	0.006%
73	10.568	2868	2870	2875	rVB2	763	574	0.02%	0.003%
74	10.671	2897	2902	2908	rVB3	1447	1341	0.05%	0.006%
75	10.771	2920	2933	2955	rVB	858670	1363501	51.46%	6.238%
76	10.899	2966	2973	2979	rBV7	4033	5410	0.20%	0.025%
77	10.999	3001	3004	3006	rVV2	900	539	0.02%	0.002%
78	11.044	3007	3018	3031	rVV3	21338	37881	1.43%	0.173%
79	11.166	3054	3056	3060	rVB4	798	477	0.02%	0.002%
80	11.484	3151	3155	3161	rVB6	815	865	0.03%	0.004%
81	11.822	3247	3260	3278	rBV	1320972	2088844	78.83%	9.557%
82	12.044	3325	3329	3332	rBV3	541	437	0.02%	0.002%
83	12.076	3336	3339	3342	rBV3	878	635	0.02%	0.003%
84	12.205	3365	3379	3398	rVV	1197104	1921109	72.50%	8.789%
85	12.333	3416	3419	3423	rVB3	847	506	0.02%	0.002%
86	12.359	3423	3427	3431	rBV2	510	488	0.02%	0.002%
87	12.433	3446	3450	3455	rBV4	849	1038	0.04%	0.005%
88	12.484	3461	3466	3469	rBV3	635	655	0.02%	0.003%
89	12.725	3538	3541	3545	rVB2	967	662	0.02%	0.003%
90	12.793	3556	3562	3568	rBV4	1313	1768	0.07%	0.008%
91	12.883	3582	3590	3601	rVB4	7465	11496	0.43%	0.053%
92	13.159	3672	3676	3678	rBV2	997	781	0.03%	0.004%
93	13.269	3707	3710	3713	rBV	812	540	0.02%	0.002%
94	13.311	3720	3723	3727	rVB3	703	563	0.02%	0.003%
95	13.343	3731	3733	3739	rVB4	809	793	0.03%	0.004%
96	13.767	3859	3865	3868	rBV4	1072	1126	0.04%	0.005%
97	13.860	3888	3894	3908	rVV7	2906	5019	0.19%	0.023%
98	14.111	3967	3972	3979	rBV4	3362	4205	0.16%	0.019%
99	14.729	4160	4164	4170	rVB6	1748	1750	0.07%	0.008%
100	14.983	4241	4243	4246	rBV3	956	667	0.03%	0.003%

Sum of corrected areas: 21857521

LSC Report - Integrated Chromatogram

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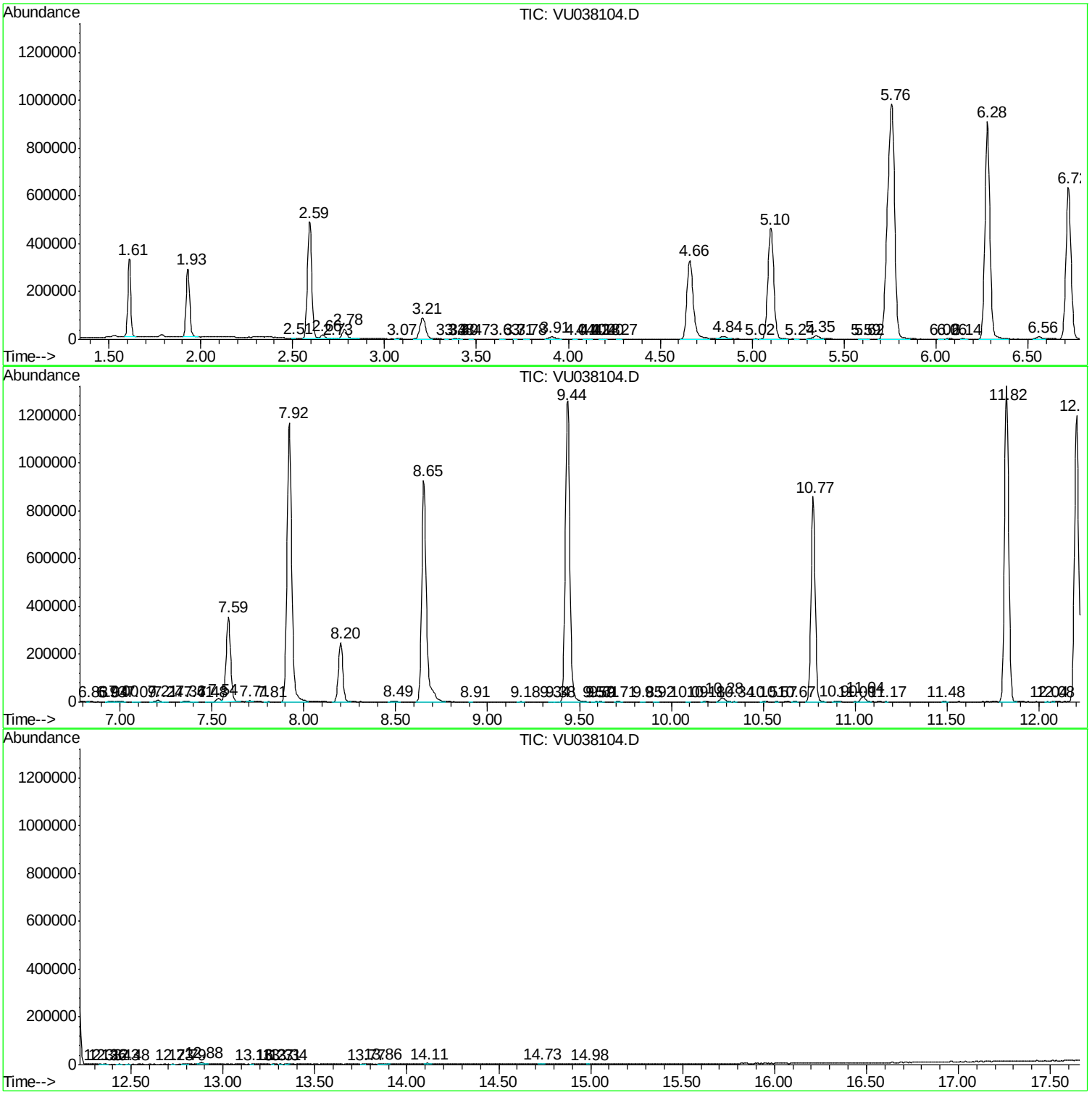
Sample : L2578-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.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\VU051120\
Data File : VU038104.D
Acq On : 11 May 2020 14:30
Operator : JC/MD
Sample : L2578-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

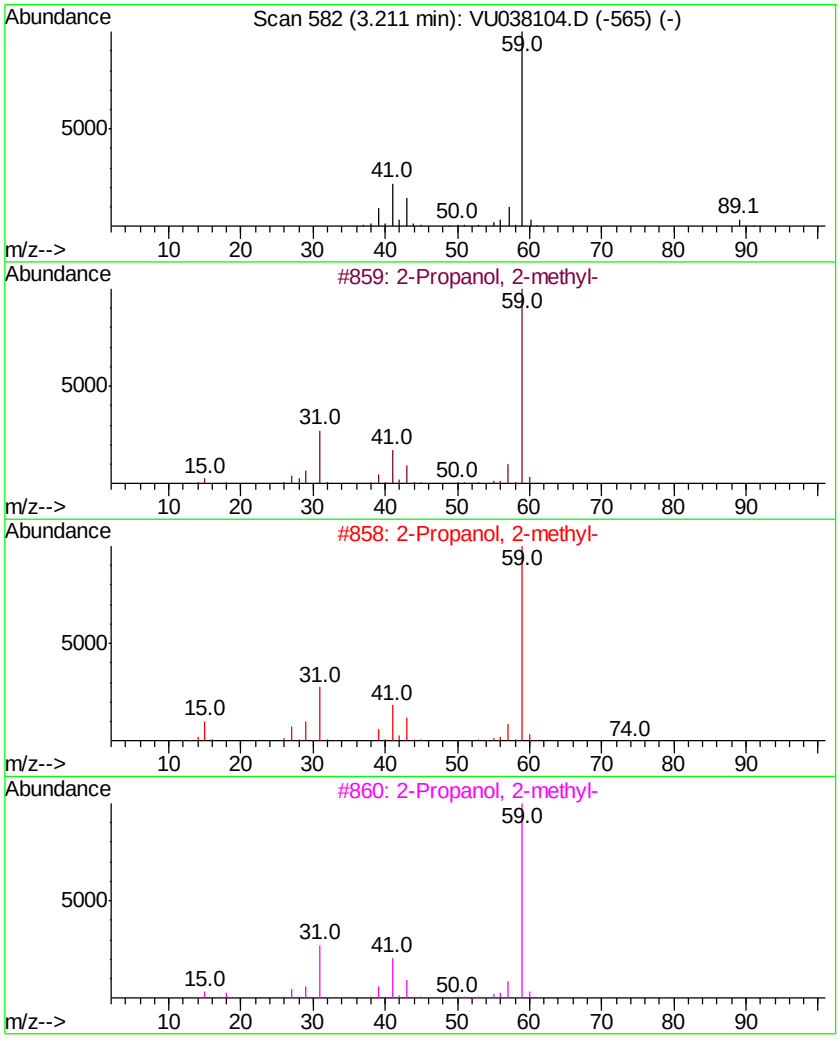
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

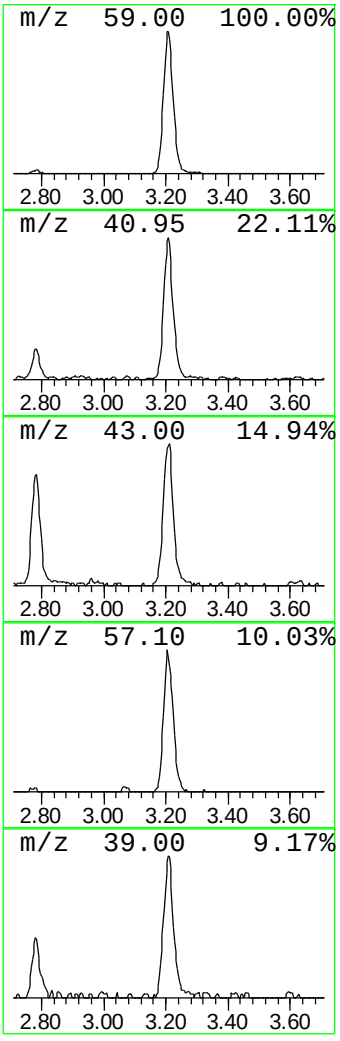
****

Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	5.69 ug/L	196428	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	78
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	50
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.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
2-Propanol, 2-met...	3.21	5.7	ug/L	196428	1	6.28	1726450	50.0