LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034693.D
Acq On : 20 Sep 2019 16:55
Operator : JC/SP
Sample : K4948-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN6

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\SOMULM091919WMA.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	1.177	20	27	44	rVB	222373	223961	9.50%	1.158%
2	1.392	86	94	107	rBV	385198	468466	19.86%	2.422%
3	1.672	174	181	197	rVB	270448	350777	14.87%	1.814%
4	2.257	354	363	378	rVB	505337	772326	32.75%	3.993%
5	2.431	408	417	435	rVB2	34120	65567	2.78%	0.339%
6	2.711	502	504	507	rBV2	1784	1307	0.06%	0.007%
7	2.817	527	537	545	rBV2	4293	8325	0.35%	0.043%
8	2.849	545	547	551	rVB5	1571	1057	0.04%	0.005%
9	2.868	551	553	556	rBV4	1391	874	0.04%	0.005%
10	2.894	556	561	565	rVB6	1896	1853	0.08%	0.010%
11	2.923	568	570	572	rBV4	1666	847	0.04%	0.004%
12	2.981	578	588	599	rVB3	10020	20023	0.85%	0.104%
13	3.090	619	622	625	rBV3	1293	1090	0.05%	0.006%
14	3.154	634	642	643	rBV7	2294	2375	0.10%	0.012%
15	3.286	675	683	689	rBV10	2353	3710	0.16%	0.019%
16	3.399	715	718	722	rVB4	1253	926	0.04%	0.005%
17	3.463	735	738	740	rBV2	1279	720	0.03%	0.004%
18	3.476	740	742	748	rVB6	2093	1754	0.07%	0.009%
19	3.505	748	751	755	rBV4	1524	1419	0.06%	0.007%
20	3.637	788	792	794	rBV5	1822	1288	0.05%	0.007%
21	3.691	804	809	813	rVV7	1519	1759	0.07%	0.009%
22	3.730	817	821	824	rVV4	2019	1608	0.07%	0.008%
23	3.791	836	840	842	rBV3	1584	1224	0.05%	0.006%
24	3.830	850	852	857	rBV6	1588	1403	0.06%	0.007%
25	3.904	873	875	878	rBV4	1181	800	0.03%	0.004%
26	4.026	909	913	918	rBV8	1036	1023	0.04%	0.005%
27	4.084	928	931	934	rVB4	1741	1105	0.05%	0.006%
28	4.151	934	952	994	rBV	235051	708453	30.04%	3.663%
29	4.621	1082	1098	1120	rBV	387682	908624	38.52%	4.698%
30	4.907	1185	1187	1191	rVB4	1489	648	0.03%	0.003%
31	5.029	1223	1225	1227	rBV3	1252	644	0.03%	0.003%
32	5.106	1247	1249	1252	rVB3	1629	919	0.04%	0.005%
33	5.132	1252	1257	1258	rBV4	2032	1353	0.06%	0.007%
34	5.315	1290	1314	1343	rBV2	795243	2358577	100.00%	12.194%

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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN6

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\SOMULM091919WMA.M
Title : VOC Analysis

35	5.662	1420	1422	1424	rBV2	1411	747	0.03%	0.004%
36	5.765	1451	1454	1457	rBV4	1580	1117	0.05%	0.006%
37	5.865	1466	1485	1509	rBV	699667	1689867	71.65%	8.737%
38	6.309	1610	1623	1644	rVB	548312	1097462	46.53%	5.674%
39	6.865	1794	1796	1800	rBV3	1565	1020	0.04%	0.005%
40	6.920	1811	1813	1816	rBV4	1954	1040	0.04%	0.005%
41	7.206	1888	1902	1924	rBV	319382	610757	25.90%	3.158%
42	7.489	1987	1990	1992	rBV3	1739	1321	0.06%	0.007%
43	7.543	1994	2007	2025	rBV	1056660	1846964	78.31%	9.549%
44	7.829	2085	2096	2117	rVV	222370	407963	17.30%	2.109%
45	8.206	2201	2213	2226	rBV	241853	410462	17.40%	2.122%
46	8.289	2229	2239	2263	rBV	766208	1397706	59.26%	7.226%
47	8.633	2343	2346	2348	rBV4	1490	726	0.03%	0.004%
48	8.826	2402	2406	2410	rVB5	1406	1075	0.05%	0.006%
49	8.852	2410	2414	2419	rBV7	2236	1870	0.08%	0.010%
50	8.884	2422	2424	2428	rVB4	1746	850	0.04%	0.004%
51	8.907	2429	2431	2439	rVB8	1323	1241	0.05%	0.006%
52	9.067	2468	2481	2508	rBV	938921	1633305	69.25%	8.444%
53	9.353	2561	2570	2580	rBV8	6625	14380	0.61%	0.074%
54	9.424	2590	2592	2594	rBV3	1530	835	0.04%	0.004%
55	9.460	2598	2603	2606	rVB5	1405	1159	0.05%	0.006%
56	9.485	2608	2611	2612	rBV3	1537	818	0.03%	0.004%
57	9.514	2617	2620	2622	rBV4	1063	752	0.03%	0.004%
58	9.588	2640	2643	2646	rBV4	1293	962	0.04%	0.005%
59	9.681	2667	2672	2676	rBV6	1649	1939	0.08%	0.010%
60	9.855	2724	2726	2730	rBV4	1030	697	0.03%	0.004%
61	9.894	2734	2738	2740	rBV5	1687	1344	0.06%	0.007%
62	9.919	2740	2746	2747	rBV3	1216	1012	0.04%	0.005%
63	9.955	2753	2757	2758	rBV3	1241	858	0.04%	0.004%
64	10.173	2823	2825	2829	rBV3	967	705	0.03%	0.004%
65	10.247	2846	2848	2851	rBV3	1369	1077	0.05%	0.006%
66	10.312	2863	2868	2870	rBV5	1433	1423	0.06%	0.007%
67	10.408	2886	2898	2920	rBV	690373	1144982	48.55%	5.920%
68	10.543	2938	2940	2942	rBV3	1416	713	0.03%	0.004%
69	10.640	2967	2970	2971	rBV3	1433	731	0.03%	0.004%
70	10.665	2973	2978	2982	rVB8	2469	2571	0.11%	0.013%
71	10.694	2986	2987	2989	rBV2	1332	708	0.03%	0.004%

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Instrument : MSVOA_U
ClientSampleId : BEDN6

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\SOMULM091919WMA.M
Title : VOC Analysis

72	10.813	3021	3024	3026	rBV4	1338	736	0.03%	0.004%
73	10.858	3036	3038	3044	rVB6	1920	1546	0.07%	0.008%
74	10.919	3055	3057	3060	rVB4	1478	739	0.03%	0.004%
75	10.948	3060	3066	3068	rBV4	2567	2151	0.09%	0.011%
76	11.058	3095	3100	3103	rBV7	2279	2249	0.10%	0.012%
77	11.132	3119	3123	3133	rVB10	4045	5972	0.25%	0.031%
78	11.302	3172	3176	3178	rBV4	3119	2205	0.09%	0.011%
79	11.341	3185	3188	3189	rBV3	1993	935	0.04%	0.005%
80	11.373	3195	3198	3199	rBV2	1904	887	0.04%	0.005%
81	11.460	3213	3225	3248	rBV	908122	1500858	63.63%	7.760%
82	11.607	3269	3271	3275	rBV3	1652	1180	0.05%	0.006%
83	11.784	3324	3326	3330	rVB5	2300	1180	0.05%	0.006%
84	11.836	3330	3342	3366	rBV	930282	1570550	66.59%	8.120%
85	12.115	3425	3429	3432	rBV5	2669	2735	0.12%	0.014%
86	12.318	3488	3492	3493	rBV3	2767	1899	0.08%	0.010%
87	12.360	3502	3505	3506	rBV3	1426	849	0.04%	0.004%
88	12.466	3530	3538	3542	rBV10	3792	5614	0.24%	0.029%
89	12.527	3554	3557	3559	rBV3	2225	1688	0.07%	0.009%
90	12.598	3577	3579	3586	rVB7	1848	1659	0.07%	0.009%
91	12.633	3586	3590	3593	rBV5	2276	2307	0.10%	0.012%
92	12.990	3697	3701	3704	rBV5	2960	2882	0.12%	0.015%
93	13.006	3704	3706	3710	rVV4	1928	1461	0.06%	0.008%
94	13.064	3720	3724	3727	rBV5	2582	2152	0.09%	0.011%
95	13.389	3819	3825	3830	rBV9	4003	5864	0.25%	0.030%
96	13.434	3836	3839	3845	rBV7	2795	2731	0.12%	0.014%
97	13.836	3962	3964	3971	rBV7	2949	2989	0.13%	0.015%
98	14.112	4048	4050	4053	rBV3	3206	2626	0.11%	0.014%
99	14.517	4172	4176	4177	rBV4	4047	2949	0.13%	0.015%
100	14.659	4211	4220	4223	rBV8	7359	10270	0.44%	0.053%

Sum of corrected areas: 19341827

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MSVOA_U
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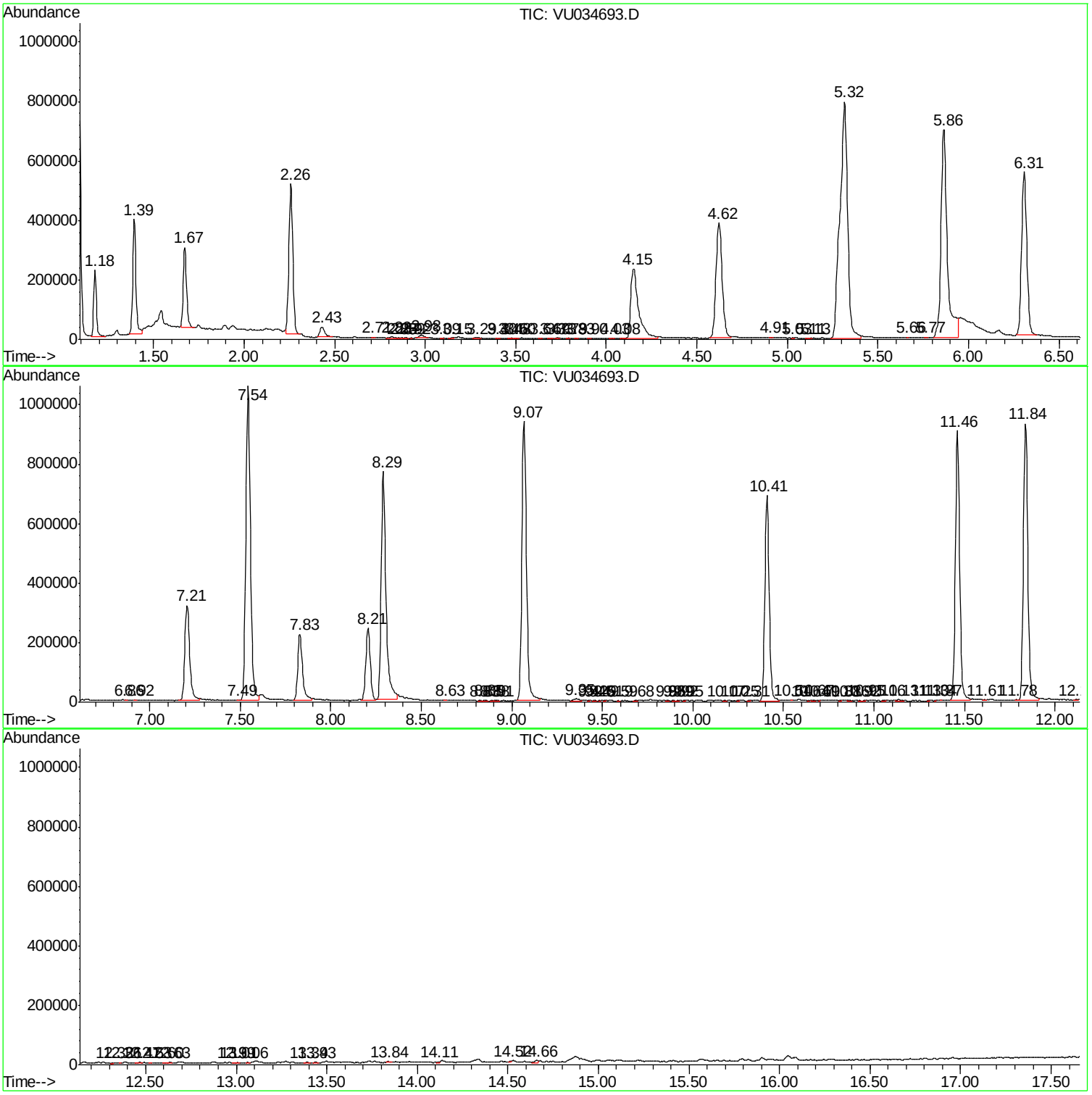
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

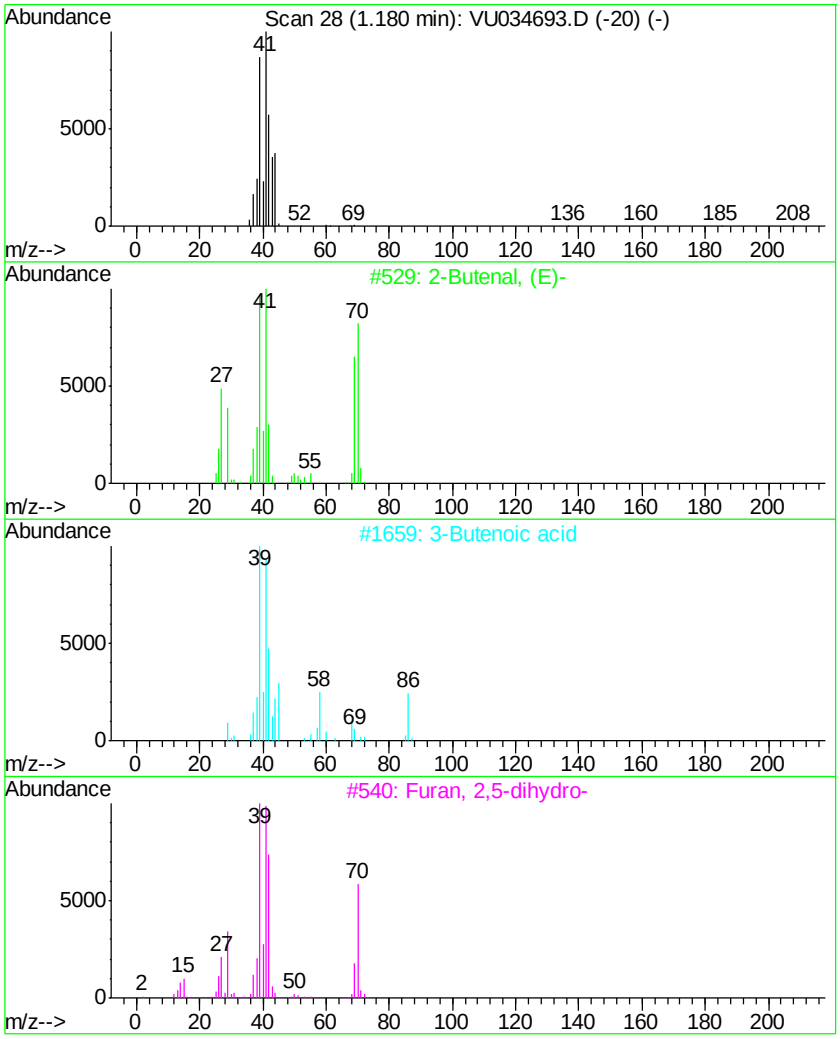
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

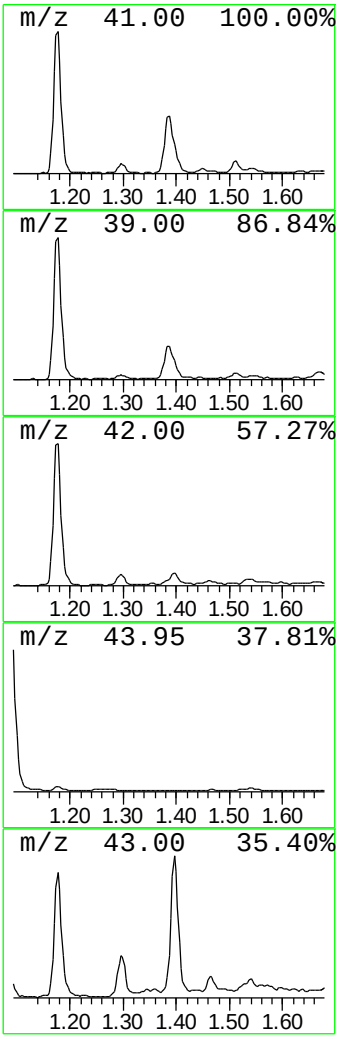
****

Peak Number 1 2-Butenal, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	6.63 ug/L	223961	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
2	3-Butenoic acid	86	C4H6O2	000625-38-7	78
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64
4	Propene	42	C3H6	000115-07-1	64
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64





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
2-Butenal, (E)-	1.18	6.6	ug/L	223961	1	5.86	1689870	50.0