LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010874.D
Acq On : 14 May 2019 22:47
Operator : SY/MD
Sample : K2798-03
Misc : 4.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB875

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_V\METHOD\SOM2VLM051319S.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	1.319	65	71	78	rVB	61762	59460	13.21%	1.716%
2	1.566	141	148	157	rVB	41546	48296	10.73%	1.394%
3	2.123	311	321	332	rBV	102619	143491	31.88%	4.142%
4	2.193	335	343	354	rBV	10932	17934	3.98%	0.518%
5	2.405	407	409	413	rBV	297	196	0.04%	0.006%
6	2.531	440	448	459	rVB3	3997	6476	1.44%	0.187%
7	2.679	482	494	508	rBV4	16102	33594	7.46%	0.970%
8	2.878	554	556	560	rVB3	530	395	0.09%	0.011%
9	2.920	566	569	572	rVB2	468	233	0.05%	0.007%
10	2.991	586	591	592	rBV2	366	286	0.06%	0.008%
11	3.049	603	609	610	rVV3	369	429	0.10%	0.012%
12	3.174	645	648	651	rVB2	472	319	0.07%	0.009%
13	3.229	663	665	670	rVB2	416	321	0.07%	0.009%
14	3.328	694	696	699	rBV3	284	192	0.04%	0.006%
15	3.794	839	841	844	rVB2	346	215	0.05%	0.006%
16	3.823	845	850	856	rBV3	446	535	0.12%	0.015%
17	3.936	872	885	903	rBV	14036	35716	7.94%	1.031%
18	4.132	943	946	949	rBV2	369	309	0.07%	0.009%
19	4.306	997	1000	1003	rVB2	369	220	0.05%	0.006%
20	4.331	1003	1008	1009	rBV2	280	217	0.05%	0.006%
21	4.402	1013	1030	1063	rBV3	58538	186515	41.44%	5.384%
22	4.611	1092	1095	1100	rVB3	351	236	0.05%	0.007%
23	4.650	1104	1107	1109	rBV2	278	225	0.05%	0.006%
24	4.875	1174	1177	1181	rBV2	270	229	0.05%	0.007%
25	5.090	1226	1244	1284	rBV2	181145	450057	100.00%	12.991%
26	5.241	1289	1291	1295	rVB	502	353	0.08%	0.010%
27	5.264	1295	1298	1301	rBV2	280	190	0.04%	0.005%
28	5.454	1351	1357	1360	rVV2	343	421	0.09%	0.012%
29	5.502	1368	1372	1376	rBV	344	266	0.06%	0.008%
30	5.595	1397	1401	1406	rVB	180	184	0.04%	0.005%
31	5.659	1406	1421	1448	rBV	154606	322643	71.69%	9.313%
32	5.904	1492	1497	1500	rBV2	241	258	0.06%	0.007%
33	5.952	1500	1512	1521	rVB5	1905	4001	0.89%	0.115%
34	5.984	1521	1522	1526	rBV	339	194	0.04%	0.006%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB875

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_V\METHOD\SOM2VLM051319S.M
Title : VOC Analysis

35	6.116	1549	1563	1580	rBV	101277	207652	46.14%	5.994%
36	6.251	1602	1605	1607	rVB2	398	230	0.05%	0.007%
37	6.608	1710	1716	1720	rBV2	236	341	0.08%	0.010%
38	6.698	1733	1744	1752	rBV3	987	1682	0.37%	0.049%
39	6.736	1752	1756	1759	rVB3	412	277	0.06%	0.008%
40	6.810	1775	1779	1781	rVB2	353	229	0.05%	0.007%
41	6.823	1781	1783	1790	rVB3	391	330	0.07%	0.010%
42	7.029	1833	1847	1868	rBV	51024	91618	20.36%	2.645%
43	7.161	1885	1888	1890	rBV2	330	242	0.05%	0.007%
44	7.177	1890	1893	1894	rBV2	788	443	0.10%	0.013%
45	7.357	1937	1949	1983	rBV	203257	368058	81.78%	10.624%
46	7.662	2033	2044	2061	rBV	32779	55131	12.25%	1.591%
47	7.778	2074	2080	2082	rBV2	215	272	0.06%	0.008%
48	7.807	2085	2089	2091	rBV	313	226	0.05%	0.007%
49	7.984	2130	2144	2151	rVV2	1647	3132	0.70%	0.090%
50	8.132	2179	2190	2207	rBV	52502	89940	19.98%	2.596%
51	8.286	2234	2238	2240	rBV2	574	430	0.10%	0.012%
52	8.376	2261	2266	2268	rBV	195	211	0.05%	0.006%
53	8.524	2309	2312	2316	rVB2	292	234	0.05%	0.007%
54	8.576	2323	2328	2331	rBV	211	268	0.06%	0.008%
55	8.669	2353	2357	2362	rBV2	184	227	0.05%	0.007%
56	8.894	2414	2427	2449	rVV	241627	406294	90.28%	11.728%
57	9.148	2502	2506	2508	rBV2	181	191	0.04%	0.006%
58	9.222	2525	2529	2535	rBV2	265	412	0.09%	0.012%
59	9.588	2636	2643	2649	rBV2	652	771	0.17%	0.022%
60	9.971	2759	2762	2768	rBV	437	526	0.12%	0.015%
61	10.145	2808	2816	2824	rBV4	1267	2100	0.47%	0.061%
62	10.260	2840	2852	2865	rBV	87355	136186	30.26%	3.931%
63	10.424	2894	2903	2912	rBV4	4114	6201	1.38%	0.179%
64	10.479	2916	2920	2922	rBV	235	211	0.05%	0.006%
65	10.553	2940	2943	2947	rVB2	255	212	0.05%	0.006%
66	10.817	3018	3025	3033	rBV4	1628	2860	0.64%	0.083%
67	10.945	3062	3065	3066	rBV	514	305	0.07%	0.009%
68	11.190	3136	3141	3146	rBV2	511	618	0.14%	0.018%
69	11.293	3161	3173	3189	rBV	237462	374738	83.26%	10.817%
70	11.434	3213	3217	3218	rBV2	595	466	0.10%	0.013%
71	11.466	3223	3227	3235	rBV4	605	678	0.15%	0.020%

LSC Area Percent Report

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ClientSampleId : DB875

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_V\METHOD\SOM2VLM051319S.M
Title : VOC Analysis

72	11.579	3251	3262	3271	rBV4	5697	9337	2.07%	0.270%
73	11.672	3279	3291	3308	rVB	211471	335825	74.62%	9.694%
74	11.762	3312	3319	3326	rBV4	1558	2286	0.51%	0.066%
75	11.817	3328	3336	3347	rVB7	2000	4008	0.89%	0.116%
76	11.875	3351	3354	3355	rBV	870	455	0.10%	0.013%
77	11.948	3375	3377	3381	rVB2	391	302	0.07%	0.009%
78	12.293	3474	3484	3499	rBV3	3701	6416	1.43%	0.185%
79	12.399	3507	3517	3528	rBV5	1119	2148	0.48%	0.062%
80	12.518	3543	3554	3560	rBV4	2952	3881	0.86%	0.112%
81	12.749	3623	3626	3628	rBV2	287	212	0.05%	0.006%
82	13.331	3805	3807	3810	rVB3	429	227	0.05%	0.007%
83	13.376	3819	3821	3822	rBV	390	185	0.04%	0.005%
84	13.386	3822	3824	3827	rVB2	547	303	0.07%	0.009%
85	13.546	3872	3874	3878	rBV2	604	425	0.09%	0.012%
86	13.794	3943	3951	3961	rVB4	7469	10430	2.32%	0.301%
87	14.016	4017	4020	4024	rBV3	1198	944	0.21%	0.027%
88	14.090	4034	4043	4054	rBV2	5168	9333	2.07%	0.269%
89	14.312	4107	4112	4113	rBV2	577	466	0.10%	0.013%
90	14.460	4155	4158	4162	rVB5	484	367	0.08%	0.011%
91	14.511	4168	4174	4183	rVB6	3346	5275	1.17%	0.152%
92	14.646	4212	4216	4221	rBV3	279	319	0.07%	0.009%
93	14.897	4290	4294	4295	rBV	248	187	0.04%	0.005%
94	15.119	4359	4363	4367	rBV3	262	316	0.07%	0.009%
95	15.199	4385	4388	4393	rBV3	380	445	0.10%	0.013%
96	15.376	4439	4443	4446	rBV2	423	443	0.10%	0.013%
97	16.398	4757	4761	4765	rBV4	406	388	0.09%	0.011%
98	16.450	4773	4777	4779	rBV3	418	300	0.07%	0.009%
99	16.743	4866	4868	4869	rBV	668	247	0.05%	0.007%
100	17.045	4959	4962	4963	rBV2	801	398	0.09%	0.011%

Sum of corrected areas: 3464416

LSC Report - Integrated Chromatogram

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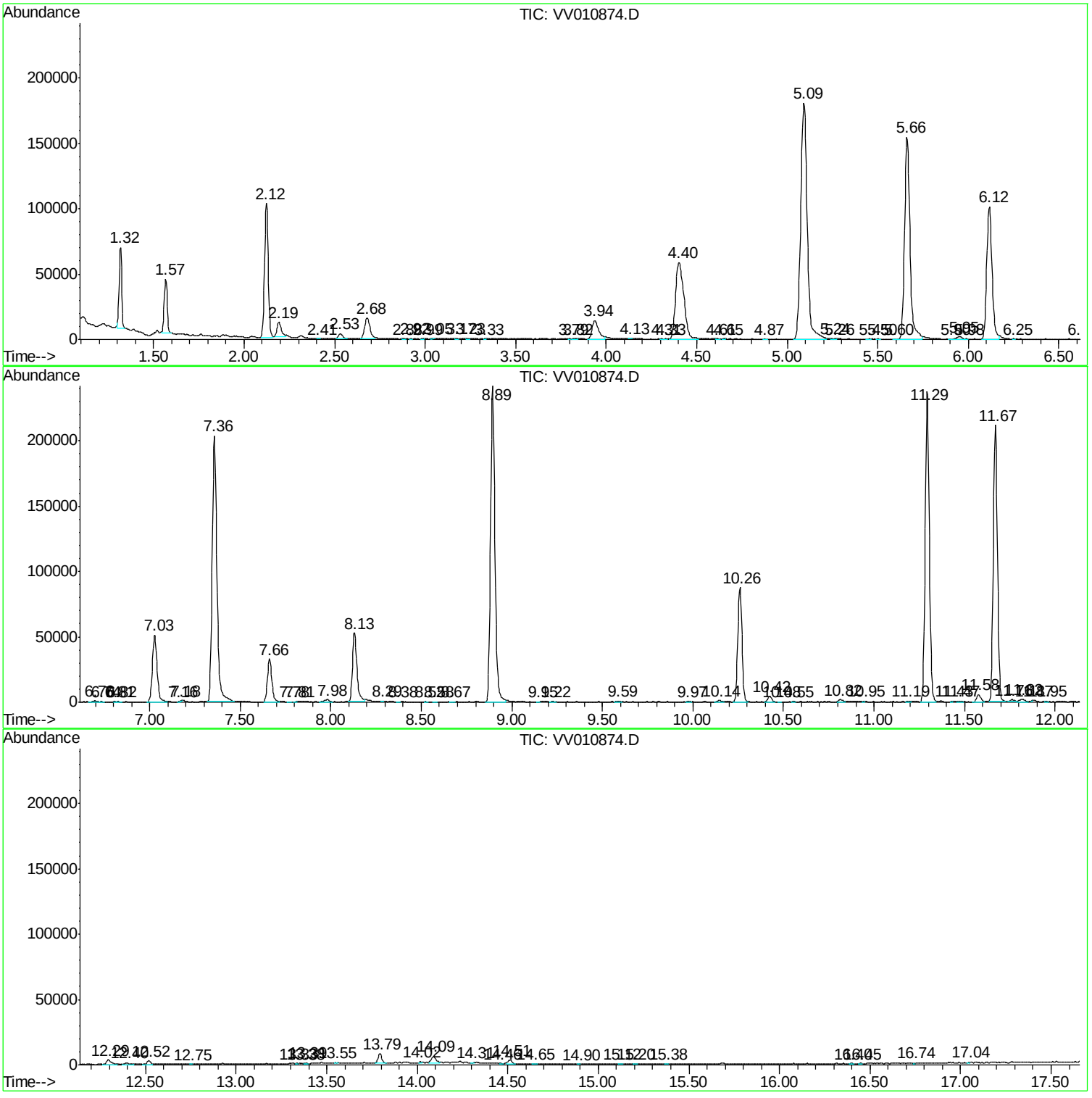
Instrument :
MSVOA_V
ClientSampleId :
DB875

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.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_V\DATA\VV051419\
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Acq On : 14 May 2019 22:47
Operator : SY/MD
Sample : K2798-03
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB875

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

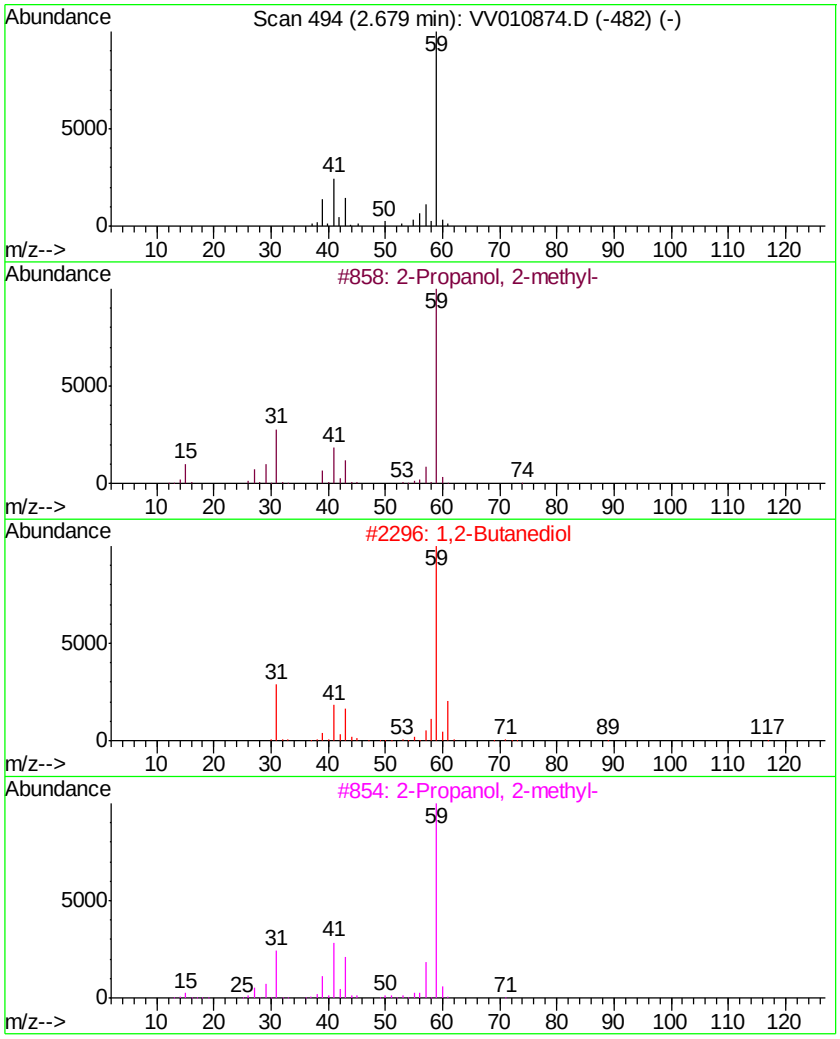
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

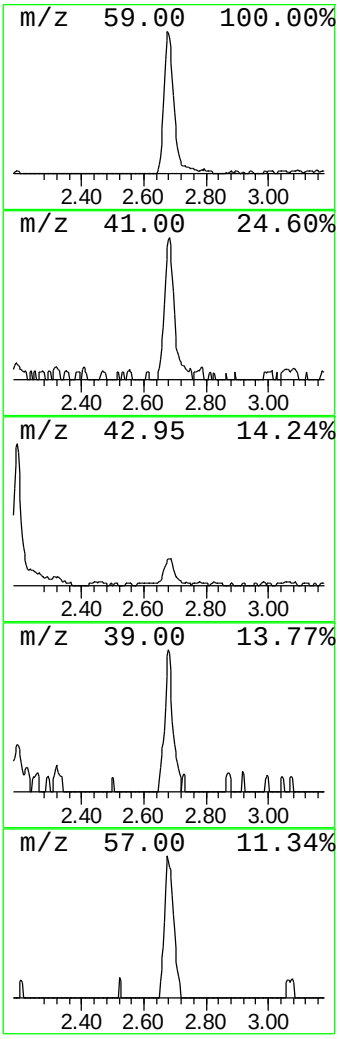
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	2.60 ug/L	33594	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	43
2	1,2-Butanediol	90	C4H10O2	000584-03-2	9
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	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
2-Propanol, 2-met...	2.68	2.6	ug/L	33594	1	5.66	322643	25.0