LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010870.D
Acq On : 14 May 2019 18:52
Operator : SY/MD
Sample : K2737-24
Misc : 4.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB872

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	1.315	64	70	81	rVB	46344	45307	10.96%	1.540%
2	1.563	141	147	155	rVB	34447	39109	9.46%	1.330%
3	2.119	311	320	331	rVB	74047	102933	24.91%	3.499%
4	2.190	335	342	351	rVB	7345	10436	2.53%	0.355%
5	2.283	369	371	373	rBV	433	263	0.06%	0.009%
6	2.319	375	382	391	rVB3	2856	4846	1.17%	0.165%
7	2.428	408	416	427	rBV2	1919	3693	0.89%	0.126%
8	2.531	438	448	461	rVB3	10889	17607	4.26%	0.599%
9	2.592	464	467	471	rBV2	312	193	0.05%	0.007%
10	2.676	483	493	506	rBV2	12559	25120	6.08%	0.854%
11	2.962	577	582	591	rBV4	361	564	0.14%	0.019%
12	3.045	605	608	609	rBV2	477	270	0.07%	0.009%
13	3.061	611	613	615	rVV3	514	294	0.07%	0.010%
14	3.460	733	737	739	rBV3	290	193	0.05%	0.007%
15	3.537	759	761	764	rBV2	282	230	0.06%	0.008%
16	3.656	795	798	802	rBV2	398	283	0.07%	0.010%
17	3.772	831	834	838	rVB	469	392	0.09%	0.013%
18	3.794	838	841	843	rBV	462	361	0.09%	0.012%
19	3.936	873	885	902	rBV2	11956	31922	7.73%	1.085%
20	4.042	916	918	921	rVB2	449	205	0.05%	0.007%
21	4.151	950	952	958	rVB3	356	256	0.06%	0.009%
22	4.180	958	961	964	rVB2	370	237	0.06%	0.008%
23	4.200	964	967	970	rBV2	386	257	0.06%	0.009%
24	4.322	1002	1005	1006	rBV2	307	177	0.04%	0.006%
25	4.396	1012	1028	1058	rBV2	62335	176065	42.61%	5.986%
26	4.721	1127	1129	1134	rVB2	308	225	0.05%	0.008%
27	4.901	1181	1185	1189	rBV2	185	188	0.05%	0.006%
28	5.090	1227	1244	1279	rBV3	162212	413222	100.00%	14.048%
29	5.383	1330	1335	1338	rBV2	180	200	0.05%	0.007%
30	5.605	1401	1404	1408	rBV2	213	213	0.05%	0.007%
31	5.659	1408	1421	1450	rBV	119895	247054	59.79%	8.399%
32	5.807	1463	1467	1473	rVB4	370	374	0.09%	0.013%
33	5.875	1483	1488	1491	rVB2	251	294	0.07%	0.010%
34	5.946	1501	1510	1519	rBV3	4212	8348	2.02%	0.284%

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Misc : 4.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB872

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	1592	rBV	100012	204241	49.43%	6.944%
36	6.357	1633	1638	1642	rBV2	219	258	0.06%	0.009%
37	6.711	1739	1748	1753	rVB3	716	1109	0.27%	0.038%
38	7.026	1836	1846	1864	rBV	46491	79040	19.13%	2.687%
39	7.177	1887	1893	1894	rBV3	727	515	0.12%	0.018%
40	7.357	1936	1949	1965	rBV	177138	315582	76.37%	10.729%
41	7.662	2033	2044	2065	rVV2	30176	50357	12.19%	1.712%
42	7.839	2096	2099	2106	rVB2	381	402	0.10%	0.014%
43	7.872	2106	2109	2115	rVB2	273	325	0.08%	0.011%
44	7.904	2115	2119	2121	rBV2	308	283	0.07%	0.010%
45	7.978	2134	2142	2155	rVB4	1507	2701	0.65%	0.092%
46	8.055	2161	2166	2168	rBV2	220	219	0.05%	0.007%
47	8.132	2180	2190	2210	rBV	43248	77358	18.72%	2.630%
48	8.241	2221	2224	2226	rBV3	268	199	0.05%	0.007%
49	8.283	2233	2237	2238	rBV	669	457	0.11%	0.016%
50	8.640	2345	2348	2351	rBV	312	208	0.05%	0.007%
51	8.659	2351	2354	2358	rBV2	188	186	0.05%	0.006%
52	8.717	2369	2372	2378	rVB2	240	221	0.05%	0.008%
53	8.756	2378	2384	2391	rBV2	211	355	0.09%	0.012%
54	8.797	2391	2397	2399	rBV2	212	264	0.06%	0.009%
55	8.894	2414	2427	2446	rBV	195105	332429	80.45%	11.302%
56	9.052	2473	2476	2483	rBV	499	582	0.14%	0.020%
57	9.711	2678	2681	2685	rBV	322	309	0.07%	0.011%
58	10.260	2840	2852	2869	rVB2	82031	126854	30.70%	4.313%
59	10.424	2895	2903	2910	rBV5	3535	4956	1.20%	0.168%
60	10.553	2939	2943	2946	rBV2	210	199	0.05%	0.007%
61	10.685	2979	2984	2988	rBV2	248	251	0.06%	0.009%
62	10.717	2991	2994	2997	rBV2	285	251	0.06%	0.009%
63	10.813	3017	3024	3031	rBV4	1531	2134	0.52%	0.073%
64	10.846	3031	3034	3037	rVB3	451	360	0.09%	0.012%
65	11.045	3093	3096	3101	rBV2	285	219	0.05%	0.007%
66	11.293	3162	3173	3192	rBV	171763	277414	67.13%	9.431%
67	11.370	3192	3197	3203	rVB3	967	879	0.21%	0.030%
68	11.434	3211	3217	3222	rBV3	579	582	0.14%	0.020%
69	11.579	3254	3262	3274	rVB5	2414	3952	0.96%	0.134%
70	11.669	3279	3290	3309	rBV	182164	290092	70.20%	9.862%
71	11.759	3313	3318	3330	rVB5	1227	1818	0.44%	0.062%

LSC Area Percent Report

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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_V\METHOD\SOM2VLM051319S.M
Title : VOC Analysis

72	11.817	3330	3336	3337	rBV2	1354	1300	0.31%	0.044%
73	11.881	3352	3356	3361	rBV3	739	660	0.16%	0.022%
74	12.248	3467	3470	3475	rVB2	283	295	0.07%	0.010%
75	12.296	3475	3485	3491	rBV2	2541	4035	0.98%	0.137%
76	12.347	3499	3501	3505	rBV3	331	190	0.05%	0.006%
77	12.418	3520	3523	3526	rVB	338	200	0.05%	0.007%
78	12.518	3545	3554	3561	rBV6	2078	2931	0.71%	0.100%
79	12.595	3575	3578	3580	rBV2	340	196	0.05%	0.007%
80	13.247	3777	3781	3784	rBV2	363	351	0.08%	0.012%
81	13.321	3802	3804	3808	rVB2	463	296	0.07%	0.010%
82	13.466	3845	3849	3854	rVB4	905	710	0.17%	0.024%
83	13.534	3867	3870	3872	rBV2	465	364	0.09%	0.012%
84	13.791	3943	3950	3963	rBV3	4657	6209	1.50%	0.211%
85	13.881	3976	3978	3984	rVB2	584	421	0.10%	0.014%
86	13.964	4002	4004	4009	rBV3	483	429	0.10%	0.015%
87	14.093	4034	4044	4054	rBV2	3642	7187	1.74%	0.244%
88	14.151	4060	4062	4068	rBV3	415	335	0.08%	0.011%
89	14.186	4071	4073	4075	rBV3	442	235	0.06%	0.008%
90	14.309	4109	4111	4114	rBV2	465	320	0.08%	0.011%
91	14.514	4167	4175	4183	rVB5	2254	3420	0.83%	0.116%
92	14.682	4225	4227	4233	rVB	272	180	0.04%	0.006%
93	14.736	4241	4244	4250	rVB2	236	248	0.06%	0.008%
94	14.829	4271	4273	4278	rBV2	253	177	0.04%	0.006%
95	15.003	4324	4327	4330	rBV2	276	269	0.07%	0.009%
96	15.186	4381	4384	4389	rBV	298	240	0.06%	0.008%
97	16.128	4674	4677	4678	rBV	323	175	0.04%	0.006%
98	16.241	4708	4712	4715	rBV3	430	399	0.10%	0.014%
99	16.791	4880	4883	4884	rBV3	596	374	0.09%	0.013%
100	16.968	4935	4938	4940	rBV2	659	381	0.09%	0.013%

Sum of corrected areas: 2941419

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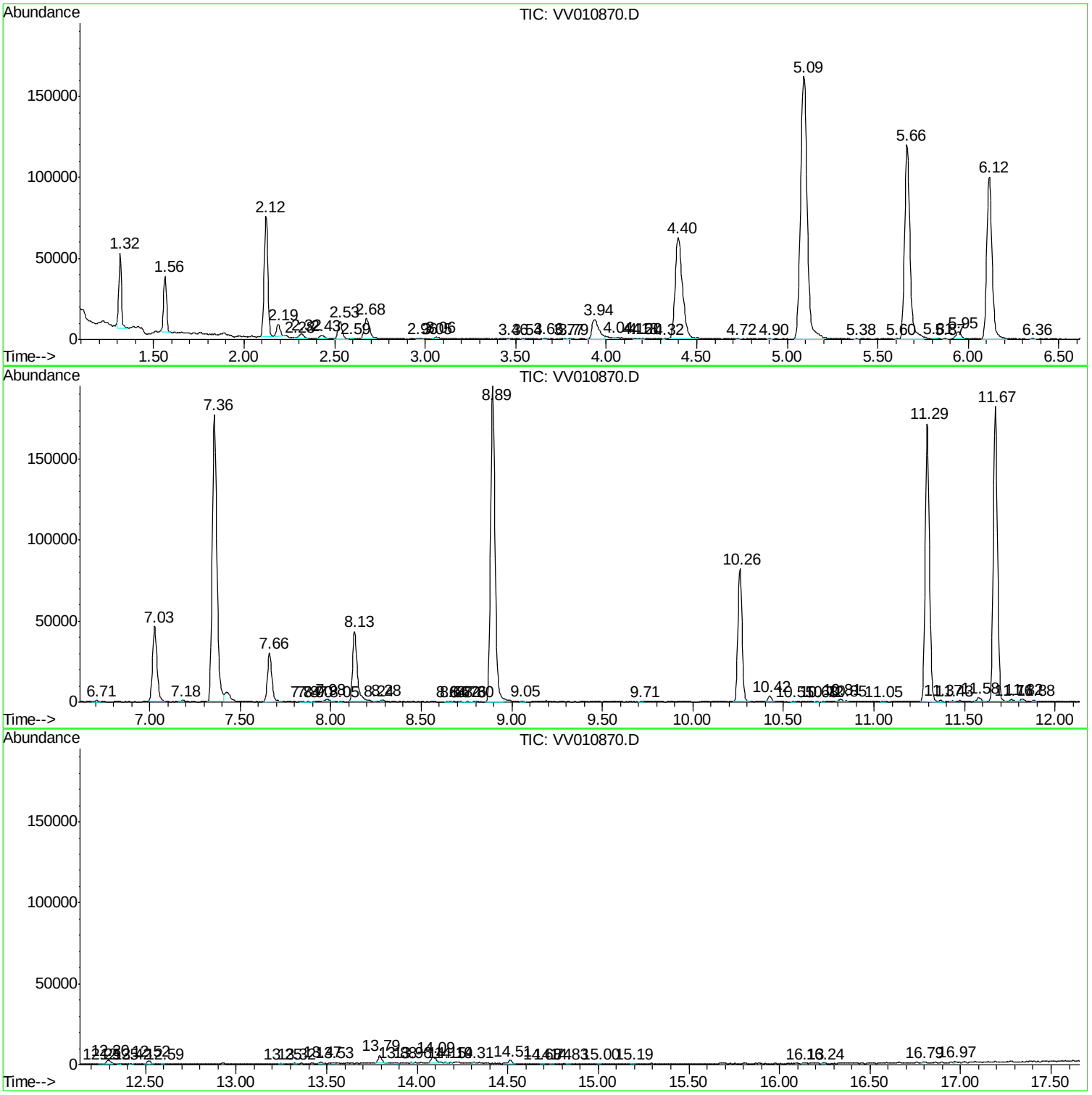
ClientSampleId :
DB872

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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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB872

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

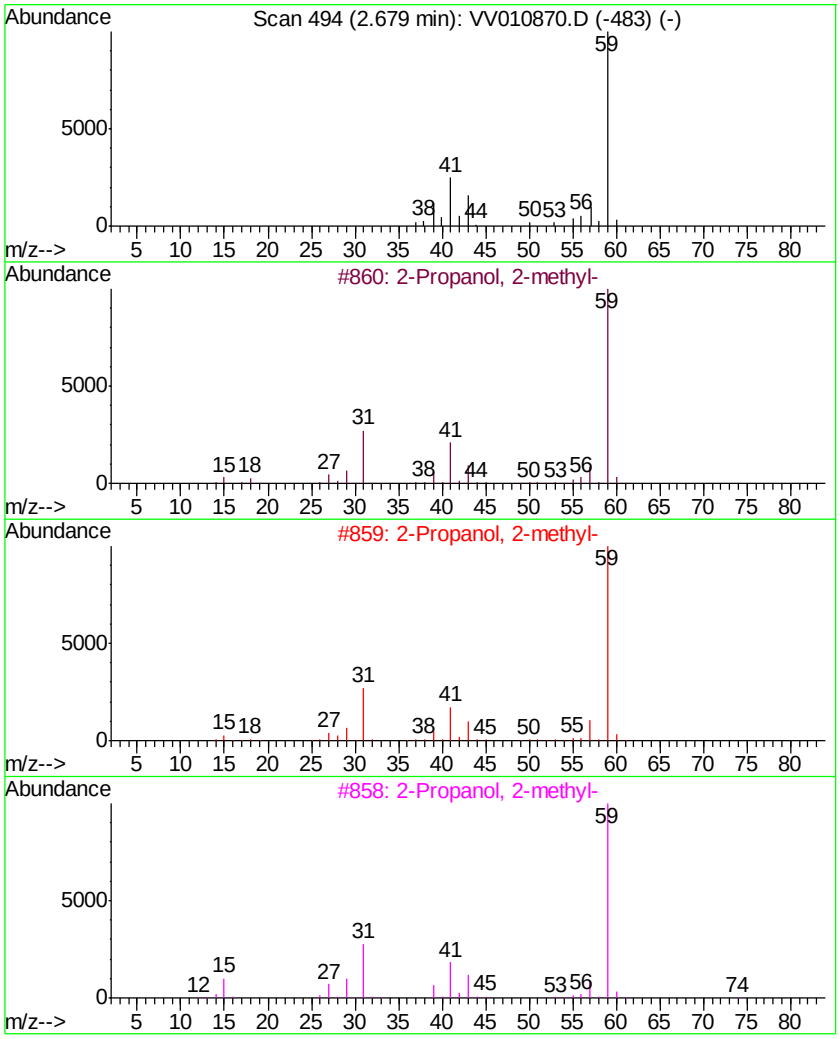
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

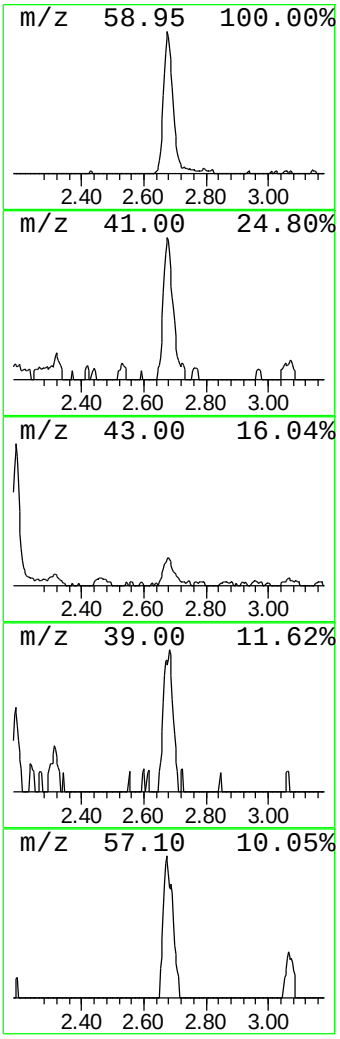
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	2.54 ug/L	25120	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	43
4	3-Pentanol	88	C5H12O	000584-02-1	40
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	25





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	2.5	ug/L	25120	1	5.66	247054	25.0