LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010858.D
Acq On : 14 May 2019 13:20
Operator : SY/MD
Sample : K2737-18
Misc : 4.39G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB866

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	1.566	143	148	158	rVB	35354	38716	9.31%	1.266%
2	2.122	311	321	332	rBV	74135	104482	25.12%	3.416%
3	2.528	439	447	461	rVB2	4347	7634	1.84%	0.250%
4	2.679	481	494	512	rBV2	12051	25369	6.10%	0.829%
5	2.926	569	571	573	rVB	202	76	0.02%	0.002%
6	2.942	573	576	577	rBV	121	83	0.02%	0.003%
7	3.071	607	616	621	rBV5	754	1469	0.35%	0.048%
8	3.113	625	629	632	rVB2	299	288	0.07%	0.009%
9	3.187	647	652	657	rBV2	269	229	0.06%	0.007%
10	3.212	657	660	663	rBV3	405	277	0.07%	0.009%
11	3.309	687	690	692	rBV	179	131	0.03%	0.004%
12	3.380	709	712	714	rBV2	171	121	0.03%	0.004%
13	3.492	744	747	751	rBV4	357	250	0.06%	0.008%
14	3.518	751	755	758	rBV2	334	277	0.07%	0.009%
15	3.621	784	787	791	rBV	269	224	0.05%	0.007%
16	3.691	807	809	813	rVB	213	129	0.03%	0.004%
17	3.788	836	839	841	rVB2	377	183	0.04%	0.006%
18	3.804	842	844	847	rVB	315	139	0.03%	0.005%
19	3.823	849	850	853	rVB	254	111	0.03%	0.004%
20	3.839	853	855	857	rBV	139	79	0.02%	0.003%
21	3.878	862	867	870	rBV3	407	452	0.11%	0.015%
22	3.936	875	885	916	rVV2	10375	31494	7.57%	1.030%
23	4.113	937	940	946	rVB4	489	452	0.11%	0.015%
24	4.138	946	948	950	rBV	324	204	0.05%	0.007%
25	4.206	964	969	976	rVV2	210	306	0.07%	0.010%
26	4.254	982	984	986	rBV	162	73	0.02%	0.002%
27	4.293	994	996	998	rBV2	241	119	0.03%	0.004%
28	4.396	1012	1028	1052	rBV2	69843	183000	43.99%	5.983%
29	4.650	1105	1107	1110	rBV	296	168	0.04%	0.005%
30	4.717	1126	1128	1133	rVB	272	193	0.05%	0.006%
31	4.740	1133	1135	1140	rVB2	169	173	0.04%	0.006%
32	4.762	1140	1142	1146	rVB	173	91	0.02%	0.003%
33	4.791	1146	1151	1152	rBV2	227	176	0.04%	0.006%
34	4.868	1172	1175	1178	rVV	184	113	0.03%	0.004%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB866

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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

35	4.907	1183	1187	1190	rBV2	193	208	0.05%	0.007%
36	4.974	1205	1208	1210	rBV	193	154	0.04%	0.005%
37	5.090	1227	1244	1265	rBV2	169047	415975	100.00%	13.599%
38	5.277	1301	1302	1303	rBV2	198	64	0.02%	0.002%
39	5.322	1313	1316	1318	rBV	152	107	0.03%	0.003%
40	5.354	1322	1326	1329	rBV2	154	131	0.03%	0.004%
41	5.431	1347	1350	1355	rBV2	226	287	0.07%	0.009%
42	5.486	1364	1367	1375	rBV	171	218	0.05%	0.007%
43	5.605	1398	1404	1407	rBV	317	240	0.06%	0.008%
44	5.662	1407	1422	1449	rBV	141093	291678	70.12%	9.536%
45	5.945	1502	1510	1519	rBV3	1675	3183	0.77%	0.104%
46	5.997	1524	1526	1527	rBV	334	152	0.04%	0.005%
47	6.116	1549	1563	1592	rBV	102718	209830	50.44%	6.860%
48	6.257	1605	1607	1609	rVB2	265	78	0.02%	0.003%
49	6.280	1611	1614	1616	rVB2	268	101	0.02%	0.003%
50	6.389	1643	1648	1650	rVB2	210	202	0.05%	0.007%
51	6.408	1650	1654	1655	rBV2	258	184	0.04%	0.006%
52	6.453	1666	1668	1670	rBV	151	97	0.02%	0.003%
53	6.511	1683	1686	1692	rBV2	153	159	0.04%	0.005%
54	6.595	1710	1712	1716	rVB2	170	130	0.03%	0.004%
55	6.614	1716	1718	1723	rVB2	211	187	0.04%	0.006%
56	6.637	1723	1725	1727	rBV2	159	108	0.03%	0.004%
57	6.749	1756	1760	1762	rBV	209	160	0.04%	0.005%
58	6.775	1766	1768	1771	rVB	134	74	0.02%	0.002%
59	6.804	1771	1777	1779	rBV3	395	311	0.07%	0.010%
60	6.859	1788	1794	1796	rBV	218	236	0.06%	0.008%
61	6.916	1809	1812	1816	rBV2	102	100	0.02%	0.003%
62	7.026	1834	1846	1866	rBV	43971	78442	18.86%	2.564%
63	7.158	1886	1887	1888	rVB	344	66	0.02%	0.002%
64	7.305	1929	1933	1936	rVB	254	208	0.05%	0.007%
65	7.357	1936	1949	1983	rBV	184031	336509	80.90%	11.001%
66	7.518	1996	1999	2002	rBV3	319	218	0.05%	0.007%
67	7.566	2010	2014	2017	rBV3	348	346	0.08%	0.011%
68	7.582	2017	2019	2022	rVV	169	75	0.02%	0.002%
69	7.662	2033	2044	2059	rBV2	28325	47626	11.45%	1.557%
70	7.749	2067	2071	2075	rBV2	243	251	0.06%	0.008%
71	7.900	2116	2118	2121	rBV	244	142	0.03%	0.005%

LSC Area Percent Report

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Misc : 4.39G/10ML/MSVOA_V/SOIL
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Instrument : MSVOA_V
ClientSampleId : DB866

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

72	8.039	2158	2161	2162	rBV	203	103	0.02%	0.003%
73	8.132	2180	2190	2213	rBV2	32071	66373	15.96%	2.170%
74	8.392	2269	2271	2272	rBV	309	125	0.03%	0.004%
75	8.624	2341	2343	2344	rBV	302	126	0.03%	0.004%
76	8.794	2394	2396	2400	rBV2	197	124	0.03%	0.004%
77	8.823	2400	2405	2411	rBV2	290	450	0.11%	0.015%
78	8.894	2415	2427	2454	rBV	229718	383706	92.24%	12.544%
79	9.058	2474	2478	2482	rBV3	359	394	0.09%	0.013%
80	9.135	2496	2502	2504	rBV2	294	299	0.07%	0.010%
81	9.183	2511	2517	2527	rBV3	432	676	0.16%	0.022%
82	9.746	2686	2692	2698	rBV2	213	389	0.09%	0.013%
83	9.932	2746	2750	2751	rBV	181	118	0.03%	0.004%
84	10.084	2795	2797	2801	rVB	224	90	0.02%	0.003%
85	10.260	2840	2852	2867	rBV	82542	131322	31.57%	4.293%
86	10.428	2896	2904	2915	rVB3	2401	3619	0.87%	0.118%
87	10.794	3015	3018	3019	rBV2	159	116	0.03%	0.004%
88	10.823	3025	3027	3032	rVB	194	78	0.02%	0.003%
89	10.968	3070	3072	3075	rBV3	158	79	0.02%	0.003%
90	11.009	3082	3085	3086	rBV	265	120	0.03%	0.004%
91	11.238	3154	3156	3160	rVB2	273	142	0.03%	0.005%
92	11.292	3162	3173	3191	rBV	219482	348924	83.88%	11.407%
93	11.579	3256	3262	3269	rVB4	1670	2242	0.54%	0.073%
94	11.672	3278	3291	3307	rBV	204066	326030	78.38%	10.659%
95	11.762	3313	3319	3327	rBV3	917	1185	0.28%	0.039%
96	12.013	3395	3397	3402	rBV2	253	168	0.04%	0.005%
97	12.112	3426	3428	3432	rBV	163	92	0.02%	0.003%
98	13.752	3936	3938	3942	rBV3	434	255	0.06%	0.008%
99	14.090	4037	4043	4053	rBV2	3516	5778	1.39%	0.189%
100	14.762	4249	4252	4255	rBV2	302	189	0.05%	0.006%

Sum of corrected areas: 3058830

LSC Report - Integrated Chromatogram

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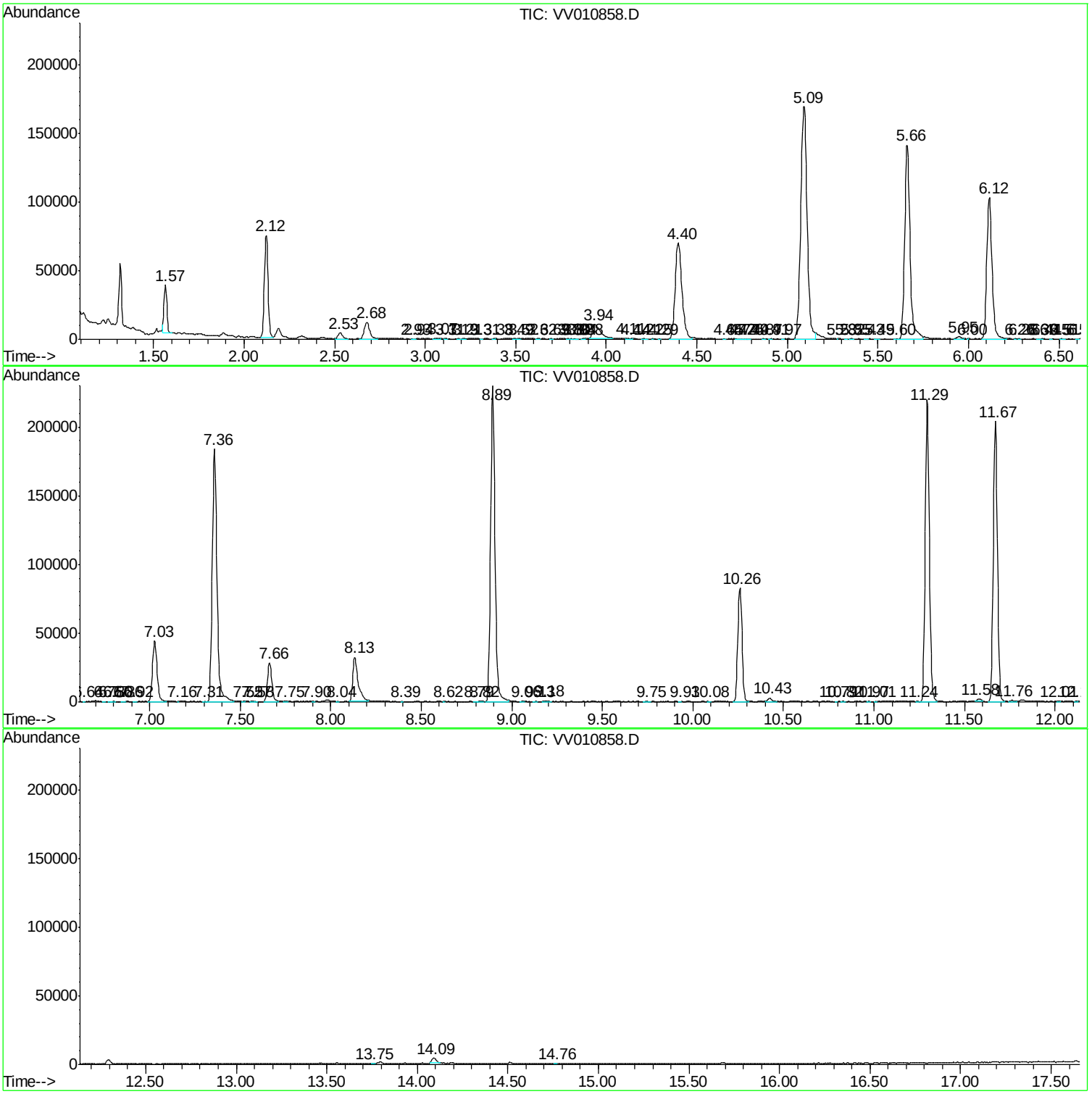
Instrument : MSVOA_V
ClientSampleId : DB866

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\
Data File : VV010858.D
Acq On : 14 May 2019 13:20
Operator : SY/MD
Sample : K2737-18
Misc : 4.39G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB866

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

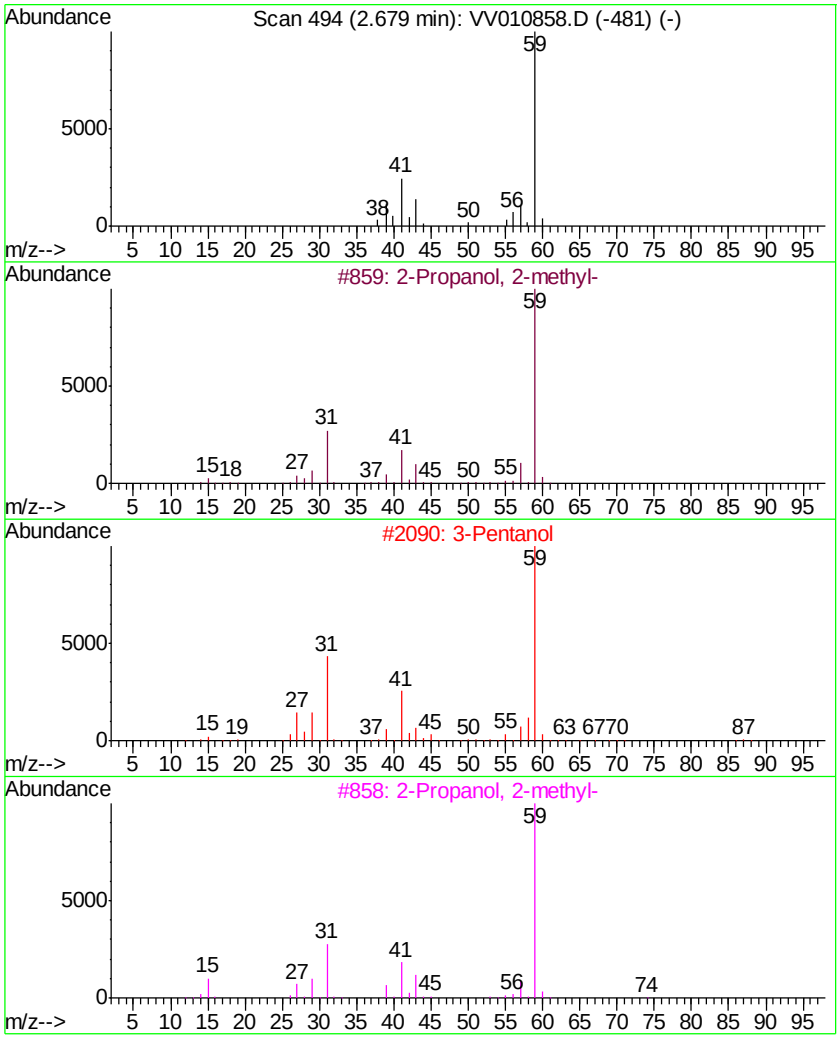
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

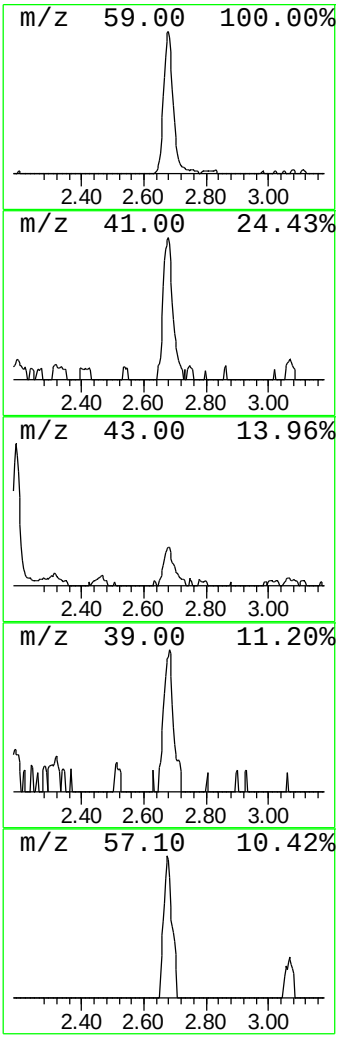
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	2.17 ug/L	25369	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	3-Pentanol	88	C5H12O	000584-02-1	43
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	43
4	3-Pentanol	88	C5H12O	000584-02-1	9
5	3-Pentanol	88	C5H12O	000584-02-1	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	2.2	ug/L	25369	1	5.66	291678	25.0