LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010881.D
Acq On : 15 May 2019 02:01
Operator : SY/MD
Sample : K2798-09
Misc : 4.19G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB879

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	1.309	61	68	85	rVB	66632	71110	13.36%	1.897%
2	1.557	138	145	154	rVB	46832	55603	10.44%	1.483%
3	2.116	308	319	330	rBV	107162	155718	29.25%	4.154%
4	2.187	333	341	366	rVB	20663	41576	7.81%	1.109%
5	2.418	406	413	414	rBV2	1157	1044	0.20%	0.028%
6	2.524	438	446	455	rVB3	4030	6210	1.17%	0.166%
7	2.672	478	492	511	rBV2	25482	53169	9.99%	1.418%
8	2.907	563	565	569	rBV2	252	166	0.03%	0.004%
9	2.991	586	591	593	rBV2	305	335	0.06%	0.009%
10	3.061	609	613	619	rVB3	670	675	0.13%	0.018%
11	3.212	657	660	664	rBV	239	260	0.05%	0.007%
12	3.399	713	718	721	rBV4	255	263	0.05%	0.007%
13	3.418	721	724	725	rBV	323	176	0.03%	0.005%
14	3.666	797	801	804	rBV2	347	336	0.06%	0.009%
15	3.791	834	840	844	rVB4	721	661	0.12%	0.018%
16	3.884	867	869	873	rVV	355	304	0.06%	0.008%
17	3.930	873	883	923	rVV2	14029	45987	8.64%	1.227%
18	4.393	1009	1027	1048	rBV	87369	226478	42.54%	6.042%
19	4.502	1058	1061	1063	rBV	375	214	0.04%	0.006%
20	4.582	1084	1086	1090	rVB2	365	173	0.03%	0.005%
21	4.605	1090	1093	1095	rBV	339	220	0.04%	0.006%
22	4.692	1113	1120	1123	rVV2	304	338	0.06%	0.009%
23	4.714	1123	1127	1130	rVB2	405	276	0.05%	0.007%
24	4.733	1130	1133	1138	rBV2	205	196	0.04%	0.005%
25	4.775	1140	1146	1149	rVB	147	164	0.03%	0.004%
26	4.872	1170	1176	1179	rBV2	219	263	0.05%	0.007%
27	5.087	1225	1243	1270	rBV2	214702	532386	100.00%	14.203%
28	5.296	1306	1308	1311	rBV	201	171	0.03%	0.005%
29	5.373	1330	1332	1335	rBV	206	165	0.03%	0.004%
30	5.396	1337	1339	1343	rVB2	343	261	0.05%	0.007%
31	5.431	1347	1350	1354	rBV2	208	237	0.04%	0.006%
32	5.537	1381	1383	1387	rVB	285	183	0.03%	0.005%
33	5.563	1387	1391	1395	rVB	238	209	0.04%	0.006%
34	5.659	1406	1421	1447	rBV	162874	328666	61.73%	8.768%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB879

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	5.865	1484	1485	1489	rVB	404	216	0.04%	0.006%
36	5.907	1492	1498	1500	rBV2	240	267	0.05%	0.007%
37	5.939	1500	1508	1521	rVV6	2155	4657	0.87%	0.124%
38	6.113	1548	1562	1588	rBV2	127543	259765	48.79%	6.930%
39	6.203	1588	1590	1593	rVB	523	238	0.04%	0.006%
40	6.646	1727	1728	1730	rBV	415	183	0.03%	0.005%
41	6.691	1734	1742	1746	rBV3	634	797	0.15%	0.021%
42	6.823	1778	1783	1787	rVB3	579	530	0.10%	0.014%
43	6.875	1797	1799	1803	rVB	305	169	0.03%	0.005%
44	7.026	1834	1846	1863	rBV	59183	102734	19.30%	2.741%
45	7.122	1873	1876	1880	rBV2	257	230	0.04%	0.006%
46	7.180	1886	1894	1895	rBV4	2374	2527	0.47%	0.067%
47	7.293	1923	1929	1930	rBV3	657	619	0.12%	0.017%
48	7.357	1936	1949	1967	rBV	234365	414008	77.76%	11.045%
49	7.659	2033	2043	2063	rBV	37509	63821	11.99%	1.703%
50	7.852	2100	2103	2108	rBV2	417	346	0.06%	0.009%
51	7.913	2119	2122	2125	rBV2	355	227	0.04%	0.006%
52	7.978	2134	2142	2151	rBV3	1634	2579	0.48%	0.069%
53	8.013	2151	2153	2159	rVB5	536	432	0.08%	0.012%
54	8.132	2179	2190	2213	rBV2	44441	90609	17.02%	2.417%
55	8.572	2325	2327	2333	rVB2	232	242	0.05%	0.006%
56	8.605	2333	2337	2339	rBV2	301	217	0.04%	0.006%
57	8.894	2415	2427	2451	rBV	243656	407077	76.46%	10.860%
58	9.180	2509	2516	2522	rVB4	1161	1519	0.29%	0.041%
59	9.341	2560	2566	2570	rBV2	231	307	0.06%	0.008%
60	9.424	2584	2592	2596	rBV	371	654	0.12%	0.017%
61	9.588	2639	2643	2646	rBV2	504	485	0.09%	0.013%
62	9.974	2761	2763	2767	rVB2	251	180	0.03%	0.005%
63	9.997	2767	2770	2775	rBV2	166	209	0.04%	0.006%
64	10.058	2785	2789	2792	rBV3	664	671	0.13%	0.018%
65	10.141	2808	2815	2825	rVB5	1647	2562	0.48%	0.068%
66	10.260	2839	2852	2867	rBV2	103539	161894	30.41%	4.319%
67	10.421	2894	2902	2911	rVB3	3229	4635	0.87%	0.124%
68	10.810	3015	3023	3032	rBV3	2913	4784	0.90%	0.128%
69	10.916	3051	3056	3059	rBV3	375	378	0.07%	0.010%
70	10.958	3067	3069	3078	rVB3	568	424	0.08%	0.011%
71	11.190	3137	3141	3145	rVB2	605	475	0.09%	0.013%

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ClientSampleId : DB879

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	11.212	3145	3148	3153	rVB	209	186	0.03%	0.005%
73	11.293	3162	3173	3191	rBV	202257	318376	59.80%	8.494%
74	11.363	3193	3195	3201	rVB3	636	570	0.11%	0.015%
75	11.431	3212	3216	3219	rBV2	611	401	0.08%	0.011%
76	11.469	3224	3228	3233	rBV3	638	545	0.10%	0.015%
77	11.579	3259	3262	3266	rVB2	436	279	0.05%	0.007%
78	11.669	3277	3290	3311	rBV	203983	325548	61.15%	8.685%
79	11.762	3311	3319	3326	rBV3	2185	3293	0.62%	0.088%
80	11.813	3329	3335	3344	rBV7	1694	2334	0.44%	0.062%
81	11.884	3352	3357	3364	rVB5	1002	1288	0.24%	0.034%
82	11.913	3364	3366	3371	rVB3	272	216	0.04%	0.006%
83	11.942	3371	3375	3377	rBV	462	300	0.06%	0.008%
84	12.026	3399	3401	3405	rBV3	231	196	0.04%	0.005%
85	12.100	3418	3424	3429	rVB2	444	418	0.08%	0.011%
86	12.251	3467	3471	3474	rBV2	269	207	0.04%	0.006%
87	12.296	3477	3485	3499	rVB4	3332	5948	1.12%	0.159%
88	12.514	3547	3553	3564	rVB6	3134	4558	0.86%	0.122%
89	12.823	3645	3649	3650	rBV2	313	220	0.04%	0.006%
90	13.382	3821	3823	3825	rBV3	584	326	0.06%	0.009%
91	14.090	4034	4043	4055	rBV2	9087	15690	2.95%	0.419%
92	14.511	4168	4174	4186	rVB6	5588	9154	1.72%	0.244%
93	14.743	4244	4246	4249	rVB2	380	190	0.04%	0.005%
94	15.000	4323	4326	4329	rBV2	277	257	0.05%	0.007%
95	15.315	4420	4424	4428	rBV2	383	368	0.07%	0.010%
96	15.640	4522	4525	4529	rBV2	297	217	0.04%	0.006%
97	16.299	4727	4730	4732	rVB2	501	258	0.05%	0.007%
98	16.611	4824	4827	4829	rBV2	454	301	0.06%	0.008%
99	16.823	4891	4893	4895	rBV2	487	340	0.06%	0.009%
100	17.058	4964	4966	4970	rBV4	658	473	0.09%	0.013%

Sum of corrected areas: 3748317

LSC Report - Integrated Chromatogram

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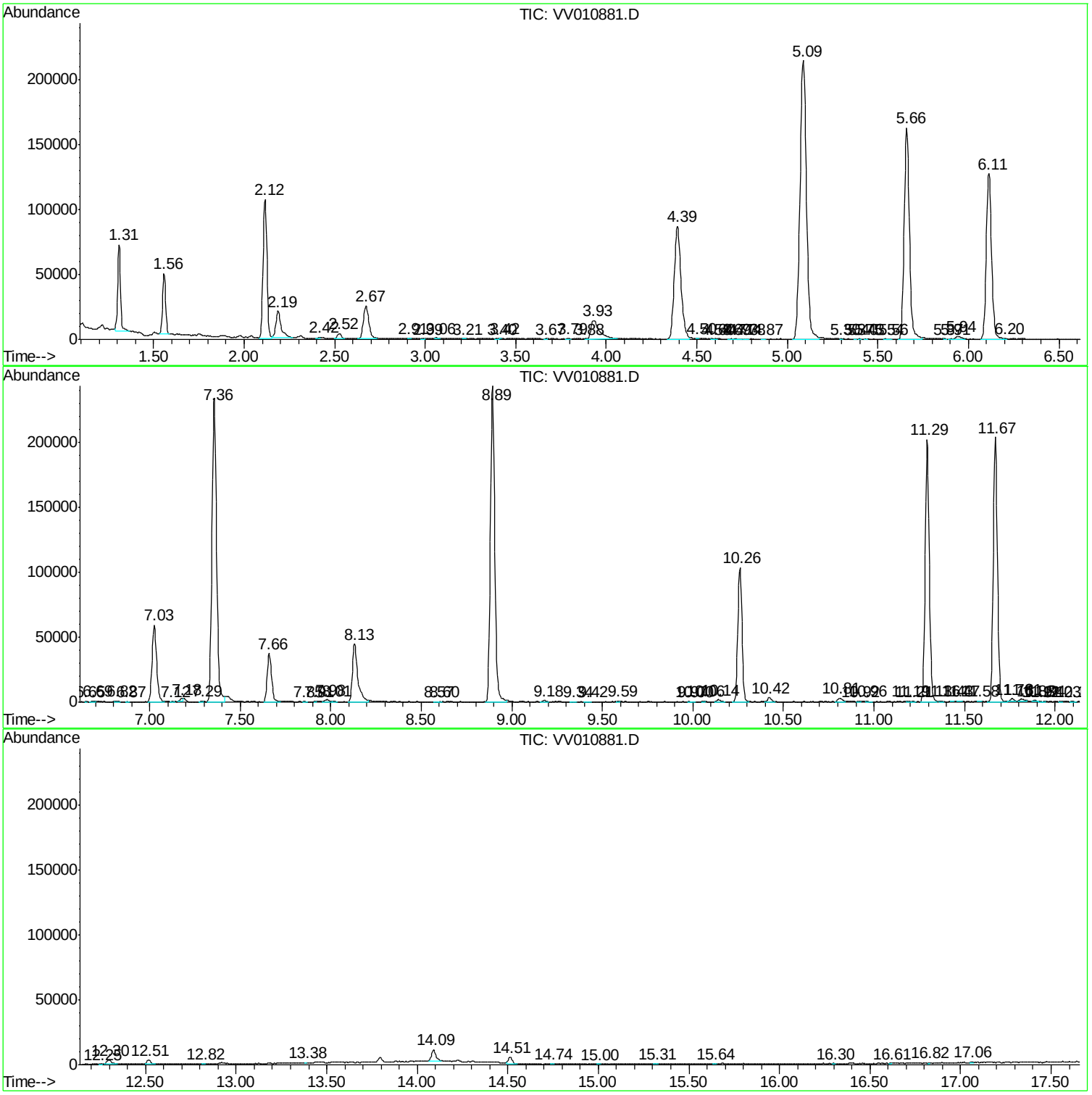
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB879

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 : VV010881.D
Acq On : 15 May 2019 02:01
Operator : SY/MD
Sample : K2798-09
Misc : 4.19G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB879

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

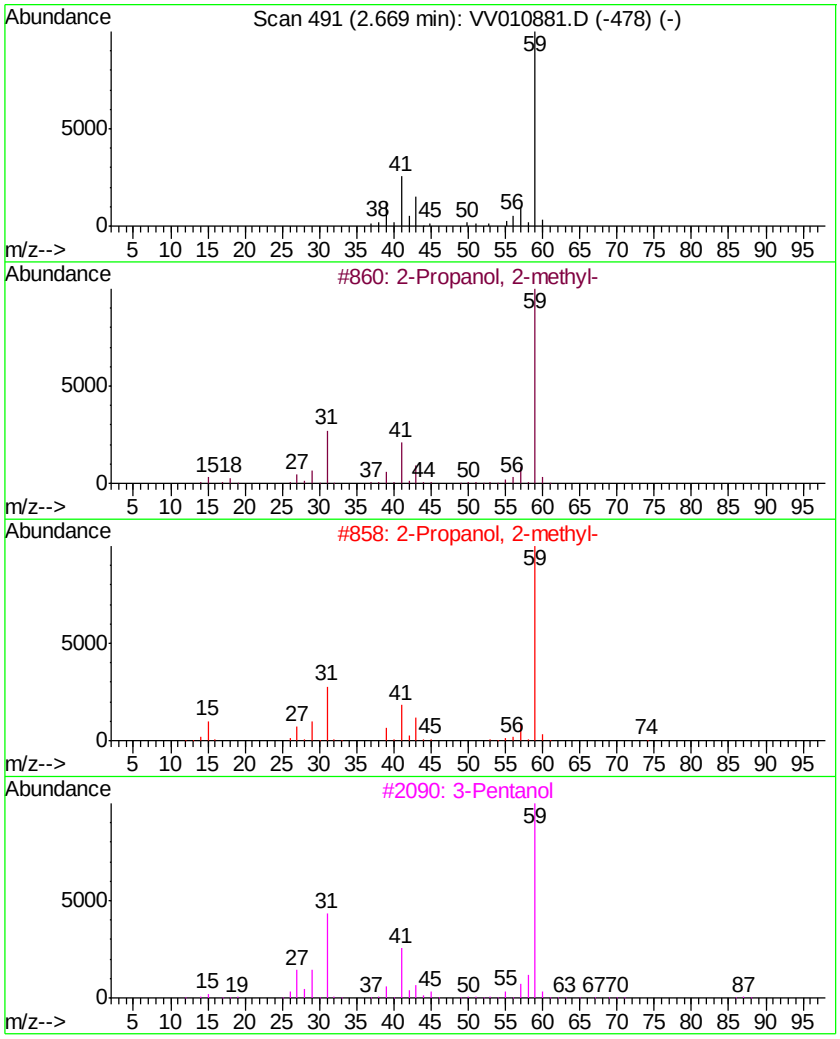
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

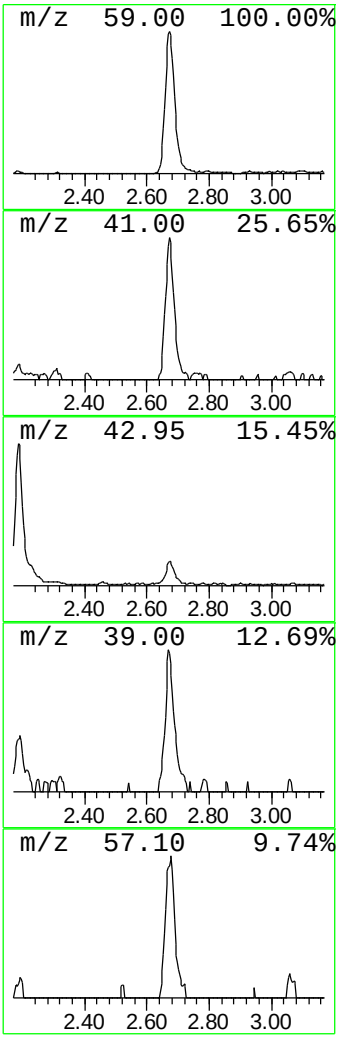
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.67	4.04 ug/L	53169	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	43
3	3-Pentanol	88	C5H12O	000584-02-1	40
4	3-Pentanol	88	C5H12O	000584-02-1	9
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
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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...	2.67	4.0	ug/L	53169	1	5.66	328666	25.0