LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\
Data File : VU029636.D
Acq On : 22 Feb 2019 21:39
Operator : JC/SP
Sample : K1581-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB627

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\SOMULM021519WMA.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	1.183	23	29	39	rBV2	18329	18472	1.19%	0.141%
2	1.399	88	96	108	rBV	214808	228207	14.70%	1.738%
3	1.678	176	183	199	rVB	172017	216033	13.92%	1.646%
4	1.756	203	207	220	rVB4	13016	16455	1.06%	0.125%
5	2.270	357	367	381	rVB	343335	517321	33.32%	3.941%
6	2.476	428	431	432	rBV3	630	398	0.03%	0.003%
7	2.678	489	494	495	rBV2	707	504	0.03%	0.004%
8	2.707	495	503	505	rVV5	926	1045	0.07%	0.008%
9	2.739	510	513	515	rBV3	1052	713	0.05%	0.005%
10	2.788	521	528	530	rBV3	1809	2254	0.15%	0.017%
11	2.994	584	592	594	rBV4	1591	1920	0.12%	0.015%
12	3.100	622	625	629	rVB2	427	376	0.02%	0.003%
13	3.186	647	652	653	rBV3	596	532	0.03%	0.004%
14	3.231	664	666	672	rVV3	526	464	0.03%	0.004%
15	3.302	681	688	696	rVV5	1111	1953	0.13%	0.015%
16	3.379	710	712	716	rBV	541	479	0.03%	0.004%
17	3.543	759	763	765	rBV3	991	796	0.05%	0.006%
18	3.624	785	788	791	rBV	508	363	0.02%	0.003%
19	3.836	850	854	859	rBV3	343	399	0.03%	0.003%
20	3.884	860	869	871	rBV4	908	1220	0.08%	0.009%
21	3.981	894	899	902	rBV	341	385	0.02%	0.003%
22	4.083	919	931	932	rBV3	2792	3380	0.22%	0.026%
23	4.174	947	959	996	rBV	141324	378949	24.41%	2.887%
24	4.540	1066	1073	1074	rBV2	439	511	0.03%	0.004%
25	4.646	1088	1106	1130	rBV	256320	616991	39.74%	4.700%
26	4.878	1172	1178	1181	rBV5	1153	1190	0.08%	0.009%
27	4.990	1204	1213	1221	rBV7	2233	4264	0.27%	0.032%
28	5.051	1225	1232	1235	rBV2	431	447	0.03%	0.003%
29	5.071	1235	1238	1240	rBV	570	410	0.03%	0.003%
30	5.093	1242	1245	1249	rVB3	576	426	0.03%	0.003%
31	5.222	1281	1285	1290	rBV3	530	647	0.04%	0.005%
32	5.337	1298	1321	1355	rBV2	518224	1552497	100.00%	11.827%
33	5.614	1403	1407	1412	rVV7	569	732	0.05%	0.006%
34	5.662	1418	1422	1425	rBV2	696	594	0.04%	0.005%

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ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB627

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\SOMULM021519WMA.M
Title : VOC Analysis

35	5.675	1425	1426	1432	rVB3	707	427	0.03%	0.003%
36	5.743	1441	1447	1449	rBV4	523	519	0.03%	0.004%
37	5.884	1475	1491	1531	rBV	527113	1061945	68.40%	8.090%
38	6.180	1579	1583	1589	rVB4	647	662	0.04%	0.005%
39	6.328	1615	1629	1666	rBV	340571	694178	44.71%	5.288%
40	6.591	1707	1711	1716	rBV2	425	426	0.03%	0.003%
41	6.636	1723	1725	1733	rVB4	468	451	0.03%	0.003%
42	7.048	1849	1853	1858	rVV5	590	601	0.04%	0.005%
43	7.225	1891	1908	1929	rBV	192732	356459	22.96%	2.715%
44	7.379	1944	1956	1965	rVB7	1756	3555	0.23%	0.027%
45	7.418	1965	1968	1970	rBV3	598	373	0.02%	0.003%
46	7.562	1999	2013	2033	rBV	716630	1258100	81.04%	9.584%
47	7.781	2079	2081	2086	rVB4	792	541	0.03%	0.004%
48	7.849	2090	2102	2116	rBV	132272	231422	14.91%	1.763%
49	7.993	2144	2147	2151	rBV3	687	610	0.04%	0.005%
50	8.042	2157	2162	2165	rBV5	912	842	0.05%	0.006%
51	8.090	2174	2177	2181	rBV2	495	394	0.03%	0.003%
52	8.308	2233	2245	2284	rBV	518647	922216	59.40%	7.025%
53	8.839	2406	2410	2412	rBV3	482	359	0.02%	0.003%
54	8.855	2412	2415	2423	rVB3	360	397	0.03%	0.003%
55	8.897	2423	2428	2430	rBV3	533	441	0.03%	0.003%
56	8.961	2443	2448	2457	rVB5	857	1134	0.07%	0.009%
57	9.032	2459	2470	2475	rBV4	4205	7887	0.51%	0.060%
58	9.086	2475	2487	2507	rBV	779991	1285916	82.83%	9.796%
59	9.257	2535	2540	2547	rVB7	2302	2957	0.19%	0.023%
60	9.292	2548	2551	2554	rBV2	1111	900	0.06%	0.007%
61	9.379	2568	2578	2586	rBV3	4279	6730	0.43%	0.051%
62	9.469	2602	2606	2607	rBV2	1038	716	0.05%	0.005%
63	9.726	2681	2686	2689	rBV3	407	392	0.03%	0.003%
64	9.781	2697	2703	2704	rBV3	441	455	0.03%	0.003%
65	9.919	2739	2746	2748	rBV5	621	623	0.04%	0.005%
66	9.951	2749	2756	2764	rVV6	1380	2184	0.14%	0.017%
67	10.077	2791	2795	2802	rVB5	545	744	0.05%	0.006%
68	10.160	2818	2821	2822	rBV3	611	405	0.03%	0.003%
69	10.385	2888	2891	2892	rBV3	606	362	0.02%	0.003%
70	10.427	2892	2904	2923	rVV	555191	909626	58.59%	6.929%
71	10.517	2929	2932	2934	rBV3	518	343	0.02%	0.003%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOMULM021519WMA.M
Title : VOC Analysis

72	10.543	2935	2940	2948	rVV5	4021	5533	0.36%	0.042%
73	10.694	2985	2987	2991	rVB3	599	395	0.03%	0.003%
74	10.749	3000	3004	3007	rBV3	546	478	0.03%	0.004%
75	10.784	3007	3015	3023	rVV4	6421	9448	0.61%	0.072%
76	10.845	3026	3034	3045	rVB7	7655	11174	0.72%	0.085%
77	10.967	3068	3072	3077	rBV3	997	1021	0.07%	0.008%
78	11.083	3100	3108	3115	rBV5	944	1465	0.09%	0.011%
79	11.212	3141	3148	3152	rBV4	1399	1817	0.12%	0.014%
80	11.321	3172	3182	3193	rVB7	3321	6177	0.40%	0.047%
81	11.398	3200	3206	3216	rBV5	3874	5075	0.33%	0.039%
82	11.479	3219	3231	3254	rBV	806000	1294519	83.38%	9.861%
83	11.765	3312	3320	3336	rVB6	12600	24096	1.55%	0.184%
84	11.858	3336	3349	3375	rBV	772402	1262448	81.32%	9.617%
85	11.964	3380	3382	3386	rVV4	852	542	0.03%	0.004%
86	12.180	3446	3449	3455	rVB3	697	547	0.04%	0.004%
87	12.250	3461	3471	3478	rBV3	4355	6782	0.44%	0.052%
88	12.350	3494	3502	3515	rVB4	2747	4612	0.30%	0.035%
89	12.614	3573	3584	3607	rBV2	18091	34456	2.22%	0.262%
90	12.762	3627	3630	3634	rBV3	566	471	0.03%	0.004%
91	12.787	3635	3638	3642	rVV2	906	654	0.04%	0.005%
92	12.926	3678	3681	3685	rVB3	627	431	0.03%	0.003%
93	12.967	3685	3694	3704	rBV8	3161	5303	0.34%	0.040%
94	13.077	3723	3728	3734	rBV4	1926	2782	0.18%	0.021%
95	13.122	3734	3742	3753	rVB4	5934	9359	0.60%	0.071%
96	13.189	3753	3763	3777	rBV3	17893	35716	2.30%	0.272%
97	13.392	3815	3826	3840	rBV2	41559	72185	4.65%	0.550%
98	13.504	3857	3861	3862	rBV3	1751	1063	0.07%	0.008%
99	13.662	3907	3910	3912	rBV2	703	434	0.03%	0.003%
100	14.154	4059	4063	4064	rBV3	857	576	0.04%	0.004%

Sum of corrected areas: 13127178

LSC Report - Integrated Chromatogram

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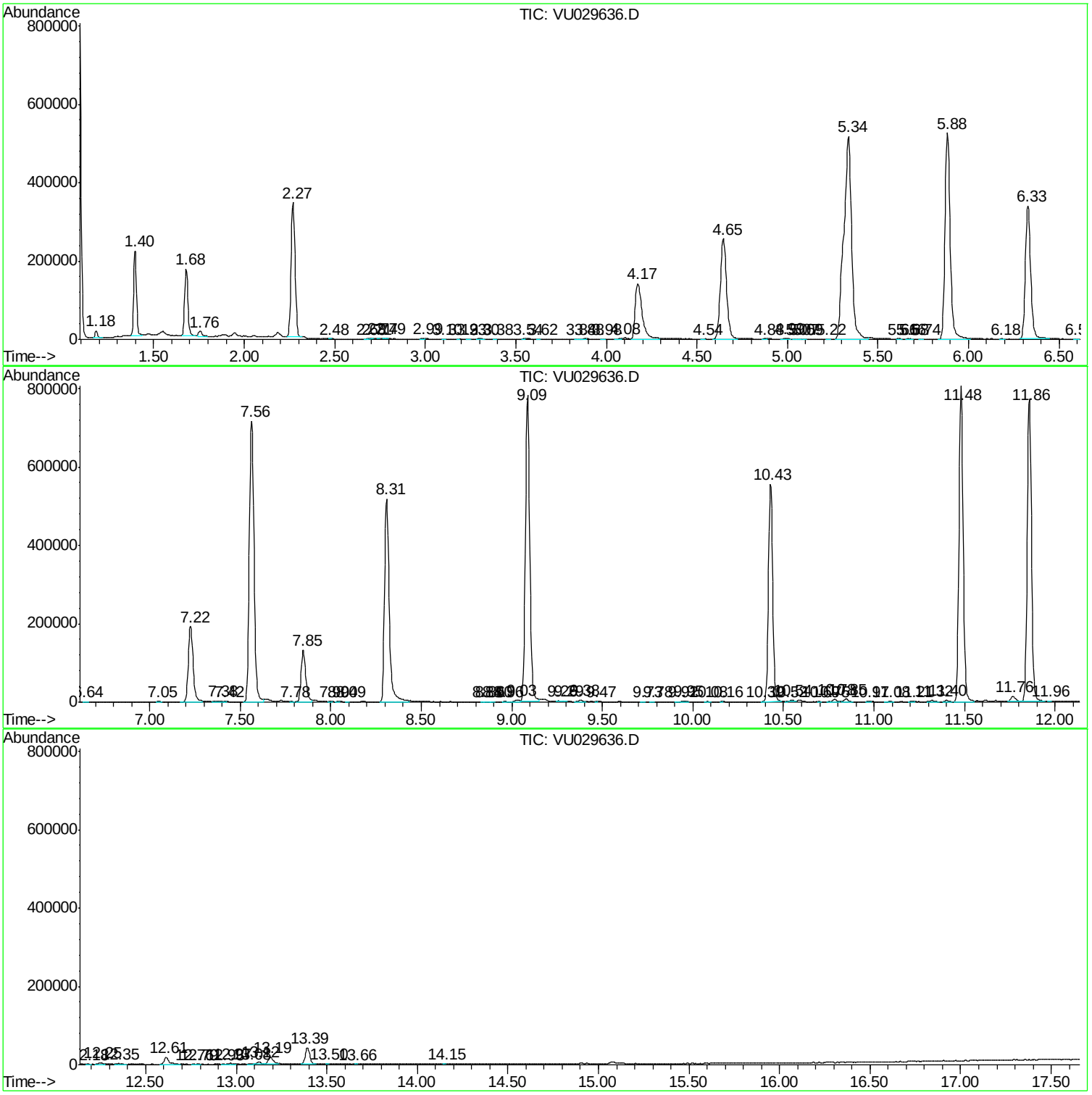
Instrument : MSVOA_U
ClientSampleId : DB627

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.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_U\DATA\VU022219\
Data File : VU029636.D
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ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB627

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis

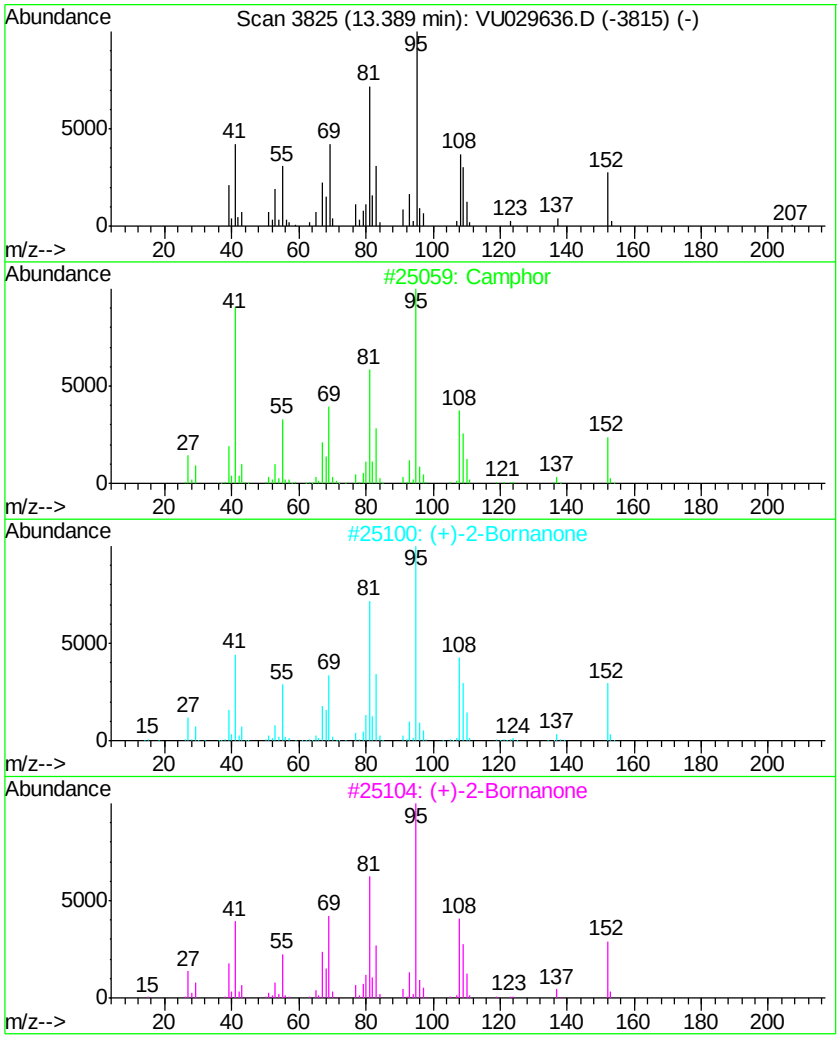
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

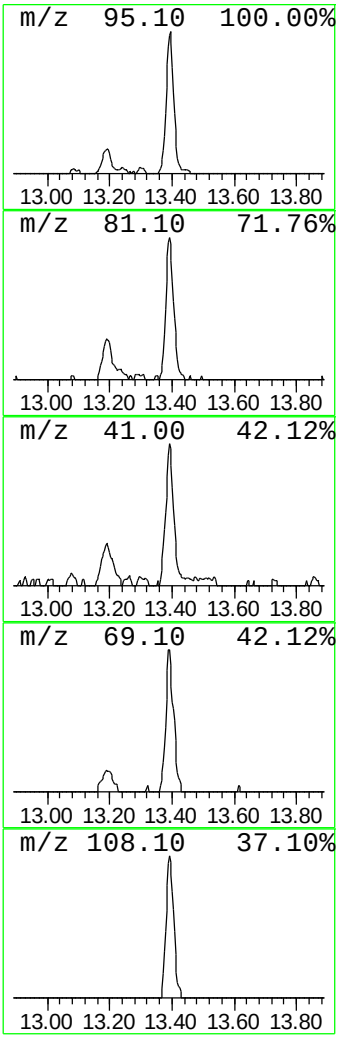
****

Peak Number 2 Camphor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.79 ug/L	72185	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
5	Camphor	152	C10H16O	000076-22-2	97





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
Camphor	13.39	2.8	ug/L	72185	3	11.48	1294520	50.0