LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
Data File : VV010444.D
Acq On : 23 Apr 2019 09:06
Operator : SY/MD
Sample : K2481-11
Misc : 5.00G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHW4

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\SOM2VLM042219S.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	1.312	64	69	76	rVB	83313	80094	12.41%	1.610%
2	1.570	142	149	159	rVB	65360	78213	12.12%	1.572%
3	2.119	312	320	331	rVB	156964	230455	35.72%	4.632%
4	2.238	354	357	362	rBV3	1187	1011	0.16%	0.020%
5	2.303	370	377	387	rBV5	3183	5760	0.89%	0.116%
6	2.425	409	415	418	rBV3	937	988	0.15%	0.020%
7	2.531	437	448	458	rBV2	12324	20482	3.17%	0.412%
8	2.727	505	509	515	rVB2	491	464	0.07%	0.009%
9	2.798	527	531	535	rBV2	745	664	0.10%	0.013%
10	2.865	550	552	558	rBV3	582	489	0.08%	0.010%
11	3.010	592	597	600	rBV	390	353	0.05%	0.007%
12	3.074	604	617	629	rVB8	4603	9385	1.45%	0.189%
13	3.190	651	653	655	rBV2	386	224	0.03%	0.005%
14	3.251	668	672	676	rBV	554	406	0.06%	0.008%
15	3.270	676	678	682	rVB	410	258	0.04%	0.005%
16	3.293	682	685	687	rBV	736	302	0.05%	0.006%
17	3.422	721	725	729	rBV2	518	570	0.09%	0.011%
18	3.496	744	748	750	rBV	362	290	0.04%	0.006%
19	3.508	750	752	757	rVB2	580	318	0.05%	0.006%
20	3.573	768	772	777	rBV2	443	437	0.07%	0.009%
21	3.598	777	780	784	rBV2	227	228	0.04%	0.005%
22	3.714	809	816	817	rBV2	479	483	0.07%	0.010%
23	3.766	829	832	837	rVB3	579	489	0.08%	0.010%
24	3.859	858	861	863	rBV	394	238	0.04%	0.005%
25	3.926	872	882	883	rBV	19098	21407	3.32%	0.430%
26	4.171	955	958	961	rBV2	649	660	0.10%	0.013%
27	4.264	984	987	991	rBV2	333	284	0.04%	0.006%
28	4.328	1005	1007	1011	rBV2	346	277	0.04%	0.006%
29	4.396	1011	1028	1055	rVV2	113443	296056	45.89%	5.950%
30	4.595	1087	1090	1095	rVB4	393	226	0.04%	0.005%
31	4.650	1104	1107	1110	rBV2	528	412	0.06%	0.008%
32	4.679	1113	1116	1117	rBV3	367	233	0.04%	0.005%
33	4.701	1117	1123	1127	rVV4	1423	1483	0.23%	0.030%
34	4.795	1150	1152	1155	rVV2	454	242	0.04%	0.005%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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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\SOM2VLM042219S.M
Title : VOC Analysis

35	4.862	1167	1173	1177	rBV2	563	553	0.09%	0.011%
36	4.885	1178	1180	1186	rVV2	661	462	0.07%	0.009%
37	4.975	1202	1208	1213	rBV3	647	952	0.15%	0.019%
38	5.013	1218	1220	1223	rBV	499	327	0.05%	0.007%
39	5.090	1226	1244	1266	rBV3	257047	645171	100.00%	12.966%
40	5.232	1286	1288	1291	rBV2	856	578	0.09%	0.012%
41	5.376	1330	1333	1335	rVB2	661	355	0.06%	0.007%
42	5.473	1359	1363	1370	rVB4	444	427	0.07%	0.009%
43	5.540	1381	1384	1390	rVB2	464	400	0.06%	0.008%
44	5.659	1406	1421	1439	rBV	268182	543377	84.22%	10.920%
45	5.946	1502	1510	1522	rBV8	3137	6551	1.02%	0.132%
46	6.061	1542	1546	1549	rBV3	408	359	0.06%	0.007%
47	6.113	1549	1562	1581	rBV2	150397	305284	47.32%	6.135%
48	6.286	1613	1616	1621	rVB3	831	785	0.12%	0.016%
49	6.312	1621	1624	1626	rBV2	700	393	0.06%	0.008%
50	6.605	1711	1715	1717	rBV2	543	504	0.08%	0.010%
51	6.756	1760	1762	1767	rBV4	616	395	0.06%	0.008%
52	6.788	1769	1772	1775	rBV3	441	351	0.05%	0.007%
53	6.859	1791	1794	1798	rVB	418	353	0.05%	0.007%
54	6.888	1798	1803	1806	rBV2	412	443	0.07%	0.009%
55	7.029	1835	1847	1861	rBV2	69885	127401	19.75%	2.560%
56	7.357	1937	1949	1968	rBV	298042	533701	82.72%	10.726%
57	7.663	2034	2044	2066	rVB	45102	74305	11.52%	1.493%
58	8.132	2180	2190	2211	rBV	63481	123065	19.07%	2.473%
59	8.515	2306	2309	2313	rVB2	645	436	0.07%	0.009%
60	8.537	2313	2316	2318	rBV2	687	314	0.05%	0.006%
61	8.595	2331	2334	2337	rBV2	745	407	0.06%	0.008%
62	8.646	2346	2350	2354	rBV3	460	341	0.05%	0.007%
63	8.685	2358	2362	2364	rBV	556	405	0.06%	0.008%
64	8.743	2377	2380	2386	rVB2	489	442	0.07%	0.009%
65	8.894	2413	2427	2453	rBV	376588	635397	98.49%	12.770%
66	9.183	2512	2517	2520	rBV3	960	1104	0.17%	0.022%
67	9.405	2583	2586	2589	rBV	695	413	0.06%	0.008%
68	9.492	2611	2613	2619	rVB3	641	349	0.05%	0.007%
69	9.518	2619	2621	2626	rBV2	674	556	0.09%	0.011%
70	9.836	2718	2720	2722	rBV	413	234	0.04%	0.005%
71	10.142	2810	2815	2821	rVB2	394	526	0.08%	0.011%

LSC Area Percent Report

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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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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Title : VOC Analysis

72	10.261	2840	2852	2871	rBV2	132610	213507	33.09%	4.291%
73	10.334	2874	2875	2878	rBV2	600	231	0.04%	0.005%
74	10.421	2891	2902	2917	rVB4	8650	15036	2.33%	0.302%
75	10.518	2928	2932	2938	rBV3	514	474	0.07%	0.010%
76	10.592	2953	2955	2957	rVB	558	229	0.04%	0.005%
77	10.717	2992	2994	2996	rBV	491	284	0.04%	0.006%
78	10.826	3025	3028	3035	rVB3	541	511	0.08%	0.010%
79	10.868	3036	3041	3044	rVB2	795	745	0.12%	0.015%
80	10.891	3044	3048	3049	rBV	804	366	0.06%	0.007%
81	10.952	3065	3067	3069	rBV	590	325	0.05%	0.007%
82	11.145	3124	3127	3128	rBV	402	238	0.04%	0.005%
83	11.170	3133	3135	3137	rBV	511	264	0.04%	0.005%
84	11.296	3162	3174	3191	rBV	296061	500416	77.56%	10.057%
85	11.434	3212	3217	3218	rBV4	936	898	0.14%	0.018%
86	11.469	3224	3228	3231	rBV4	915	807	0.13%	0.016%
87	11.508	3238	3240	3242	rBV	533	316	0.05%	0.006%
88	11.617	3272	3274	3278	rVB2	570	266	0.04%	0.005%
89	11.672	3279	3291	3308	rBV	257241	424531	65.80%	8.532%
90	11.752	3314	3316	3319	rBV3	668	249	0.04%	0.005%
91	11.833	3337	3341	3342	rBV	1108	677	0.10%	0.014%
92	11.878	3352	3355	3359	rBV2	977	737	0.11%	0.015%
93	12.206	3452	3457	3458	rBV	744	559	0.09%	0.011%
94	12.395	3512	3516	3517	rBV	375	275	0.04%	0.006%
95	12.813	3644	3646	3653	rVB2	565	408	0.06%	0.008%
96	12.842	3653	3655	3659	rBV2	598	371	0.06%	0.007%
97	13.257	3782	3784	3787	rBV	587	342	0.05%	0.007%
98	13.556	3867	3877	3886	rBV3	9359	16431	2.55%	0.330%
99	13.653	3904	3907	3910	rVB	694	436	0.07%	0.009%
100	14.685	4221	4228	4242	rVB2	22969	34534	5.35%	0.694%

Sum of corrected areas: 4975760

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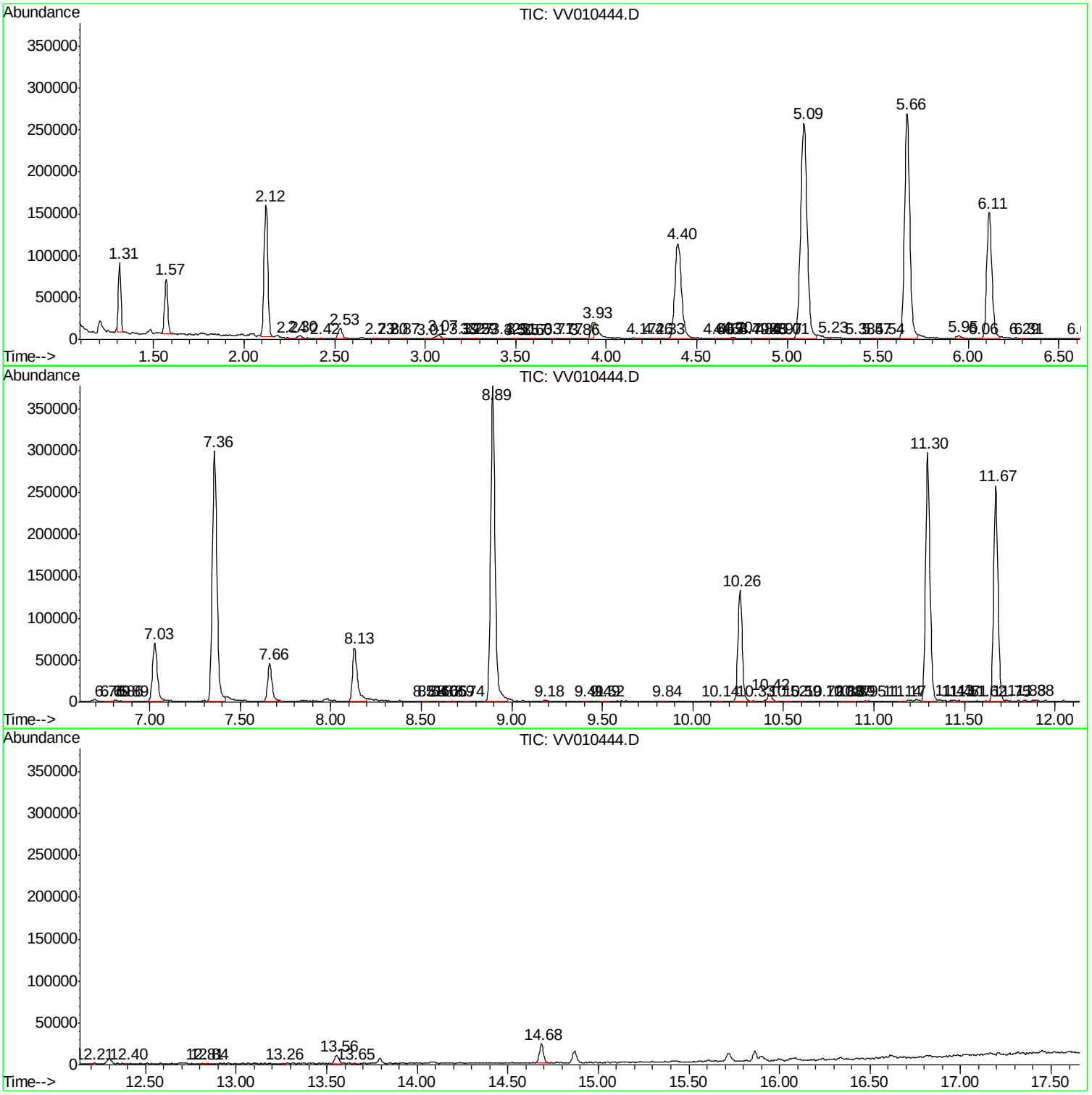
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHW4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

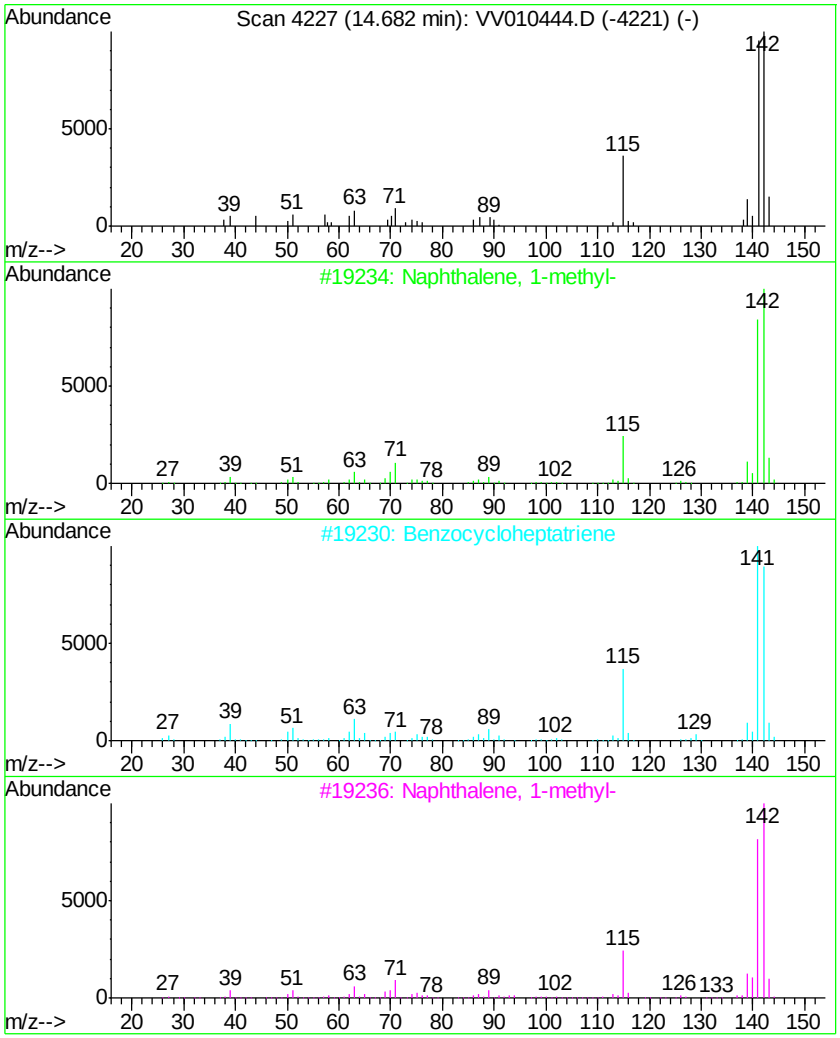
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

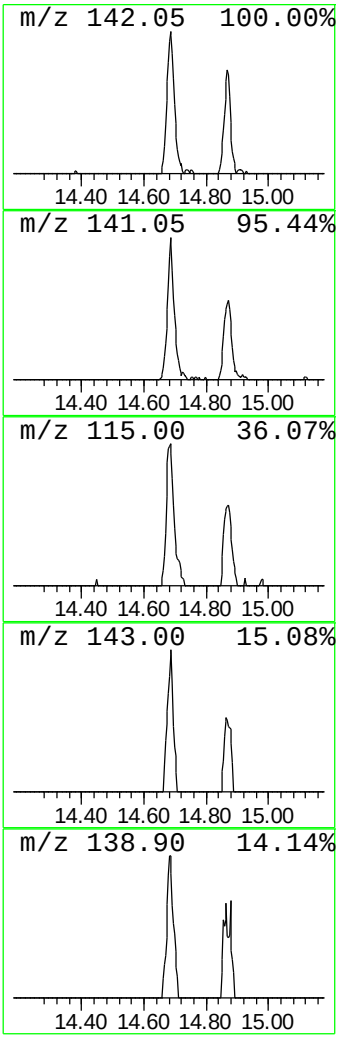
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	1.73 ug/L	34534	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	83





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	14.68	1.7	ug/L	34534	3	11.30	500416	25.0