LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
Data File : VV010419.D
Acq On : 22 Apr 2019 18:03
Operator : SY/MD
Sample : K2456-01
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHQ1

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	1.209	32	37	48	rVB2	56497	58508	4.83%	0.594%
2	1.319	66	71	81	rVB	143464	147580	12.17%	1.498%
3	1.573	144	150	159	rVB	110128	124733	10.29%	1.266%
4	2.126	313	322	334	rBV	289253	400728	33.06%	4.068%
5	2.280	368	370	373	rBV2	833	597	0.05%	0.006%
6	2.312	374	380	394	rVB2	8465	13700	1.13%	0.139%
7	2.537	439	450	467	rVB2	32343	54986	4.54%	0.558%
8	2.897	558	562	565	rBV2	489	495	0.04%	0.005%
9	3.029	599	603	605	rBV3	483	325	0.03%	0.003%
10	3.077	605	618	625	rBV6	5744	10539	0.87%	0.107%
11	3.158	640	643	645	rBV	549	265	0.02%	0.003%
12	3.190	651	653	657	rVB4	477	309	0.03%	0.003%
13	3.235	663	667	670	rVB2	434	349	0.03%	0.004%
14	3.280	677	681	685	rBV2	309	292	0.02%	0.003%
15	3.470	737	740	743	rVB	491	291	0.02%	0.003%
16	3.492	743	747	752	rBV2	476	376	0.03%	0.004%
17	3.553	763	766	771	rVB2	694	503	0.04%	0.005%
18	3.659	795	799	804	rVB2	595	545	0.04%	0.006%
19	3.762	828	831	833	rBV2	446	255	0.02%	0.003%
20	3.852	854	859	863	rBV2	580	452	0.04%	0.005%
21	3.933	873	884	911	rBV	41857	108349	8.94%	1.100%
22	4.212	969	971	974	rBV3	577	369	0.03%	0.004%
23	4.334	1007	1009	1012	rBV2	405	263	0.02%	0.003%
24	4.402	1012	1030	1059	rBV	190000	482763	39.83%	4.901%
25	4.617	1095	1097	1100	rBV3	609	352	0.03%	0.004%
26	4.701	1118	1123	1127	rBV4	1264	1578	0.13%	0.016%
27	4.743	1134	1136	1141	rVB2	804	379	0.03%	0.004%
28	4.875	1175	1177	1180	rBV2	519	355	0.03%	0.004%
29	5.006	1216	1218	1222	rVB2	489	300	0.02%	0.003%
30	5.029	1222	1225	1227	rBV2	507	327	0.03%	0.003%
31	5.096	1227	1246	1283	rBV3	425862	1088539	89.80%	11.052%
32	5.444	1352	1354	1361	rVB3	950	898	0.07%	0.009%
33	5.495	1367	1370	1373	rBV2	529	326	0.03%	0.003%
34	5.521	1375	1378	1381	rVB2	546	405	0.03%	0.004%

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

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

35	5.540	1381	1384	1386	rBV2	649	352	0.03%	0.004%
36	5.582	1396	1397	1401	rVV2	474	262	0.02%	0.003%
37	5.662	1407	1422	1444	rBV	464026	941579	77.68%	9.560%
38	5.945	1503	1510	1520	rVB8	3207	5736	0.47%	0.058%
39	6.058	1542	1545	1548	rVB2	689	427	0.04%	0.004%
40	6.116	1548	1563	1590	rBV	258540	522291	43.09%	5.303%
41	6.331	1626	1630	1632	rBV2	659	424	0.03%	0.004%
42	6.608	1712	1716	1722	rBV2	593	733	0.06%	0.007%
43	6.643	1724	1727	1728	rBV	637	403	0.03%	0.004%
44	6.659	1729	1732	1734	rBV3	755	513	0.04%	0.005%
45	6.772	1763	1767	1770	rBV2	470	383	0.03%	0.004%
46	6.810	1770	1779	1780	rBV4	1954	2004	0.17%	0.020%
47	6.907	1806	1809	1810	rBV2	577	269	0.02%	0.003%
48	7.029	1835	1847	1868	rBV	138052	249880	20.61%	2.537%
49	7.196	1898	1899	1905	rVB3	775	541	0.04%	0.005%
50	7.235	1905	1911	1913	rBV3	786	661	0.05%	0.007%
51	7.289	1924	1928	1931	rBV5	1603	1457	0.12%	0.015%
52	7.360	1937	1950	1969	rBV	519830	920107	75.91%	9.342%
53	7.662	2033	2044	2058	rBV	93154	160289	13.22%	1.627%
54	7.981	2135	2143	2150	rBV3	4202	6481	0.53%	0.066%
55	8.061	2162	2168	2170	rBV4	656	666	0.05%	0.007%
56	8.132	2178	2190	2210	rBV	142035	257874	21.27%	2.618%
57	8.402	2269	2274	2275	rBV3	595	451	0.04%	0.005%
58	8.598	2332	2335	2336	rBV	698	371	0.03%	0.004%
59	8.659	2349	2354	2356	rBV2	746	567	0.05%	0.006%
60	8.701	2363	2367	2369	rBV	976	738	0.06%	0.007%
61	8.794	2394	2396	2399	rBV	437	268	0.02%	0.003%
62	8.894	2414	2427	2470	rBV	702499	1212181	100.00%	12.307%
63	9.051	2472	2476	2477	rBV3	1348	918	0.08%	0.009%
64	9.186	2507	2518	2524	rBV4	3526	6279	0.52%	0.064%
65	9.431	2591	2594	2597	rBV2	761	491	0.04%	0.005%
66	9.482	2608	2610	2614	rBV2	300	264	0.02%	0.003%
67	9.569	2634	2637	2638	rBV	805	396	0.03%	0.004%
68	9.727	2685	2686	2692	rVB	617	324	0.03%	0.003%
69	9.759	2692	2696	2699	rBV	513	431	0.04%	0.004%
70	9.971	2759	2762	2765	rBV2	978	546	0.05%	0.006%
71	10.090	2794	2799	2803	rBV3	434	401	0.03%	0.004%

LSC Area Percent Report

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Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHQ1

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

72	10.138	2811	2814	2815	rBV2	452	315	0.03%	0.003%
73	10.212	2834	2837	2839	rBV2	395	253	0.02%	0.003%
74	10.260	2840	2852	2869	rVV	253506	406036	33.50%	4.122%
75	10.424	2895	2903	2919	rVB4	12134	20396	1.68%	0.207%
76	10.482	2919	2921	2922	rBV	617	291	0.02%	0.003%
77	10.527	2933	2935	2939	rVB2	599	398	0.03%	0.004%
78	10.614	2960	2962	2965	rBV3	708	454	0.04%	0.005%
79	10.653	2971	2974	2978	rVB	627	445	0.04%	0.005%
80	10.672	2978	2980	2982	rBV	379	256	0.02%	0.003%
81	10.964	3064	3071	3074	rBV6	2494	2883	0.24%	0.029%
82	11.035	3087	3093	3094	rBV3	1243	1314	0.11%	0.013%
83	11.199	3136	3144	3149	rBV9	2344	3236	0.27%	0.033%
84	11.296	3161	3174	3191	rBV	728636	1200817	99.06%	12.192%
85	11.575	3257	3261	3263	rBV3	1459	1197	0.10%	0.012%
86	11.672	3278	3291	3310	rBV	590380	945453	78.00%	9.599%
87	11.887	3352	3358	3366	rVB10	3697	5017	0.41%	0.051%
88	11.952	3371	3378	3383	rBV4	1618	1920	0.16%	0.019%
89	12.206	3455	3457	3460	rBV2	723	472	0.04%	0.005%
90	12.296	3476	3485	3495	rVB2	12508	20321	1.68%	0.206%
91	12.392	3511	3515	3517	rBV4	1336	1111	0.09%	0.011%
92	12.636	3589	3591	3597	rVB2	1331	1173	0.10%	0.012%
93	12.868	3661	3663	3665	rBV	608	305	0.03%	0.003%
94	12.929	3677	3682	3691	rVB6	1978	2948	0.24%	0.030%
95	13.099	3728	3735	3736	rBV5	7078	6667	0.55%	0.068%
96	13.318	3796	3803	3808	rVB4	2825	3669	0.30%	0.037%
97	13.553	3863	3876	3889	rBV	133123	211622	17.46%	2.149%
98	13.794	3944	3951	3962	rVB6	15593	23068	1.90%	0.234%
99	14.685	4219	4228	4245	rVB	74033	114523	9.45%	1.163%
100	14.868	4277	4285	4300	rVB	45901	74019	6.11%	0.751%

Sum of corrected areas: 9849568

LSC Report - Integrated Chromatogram

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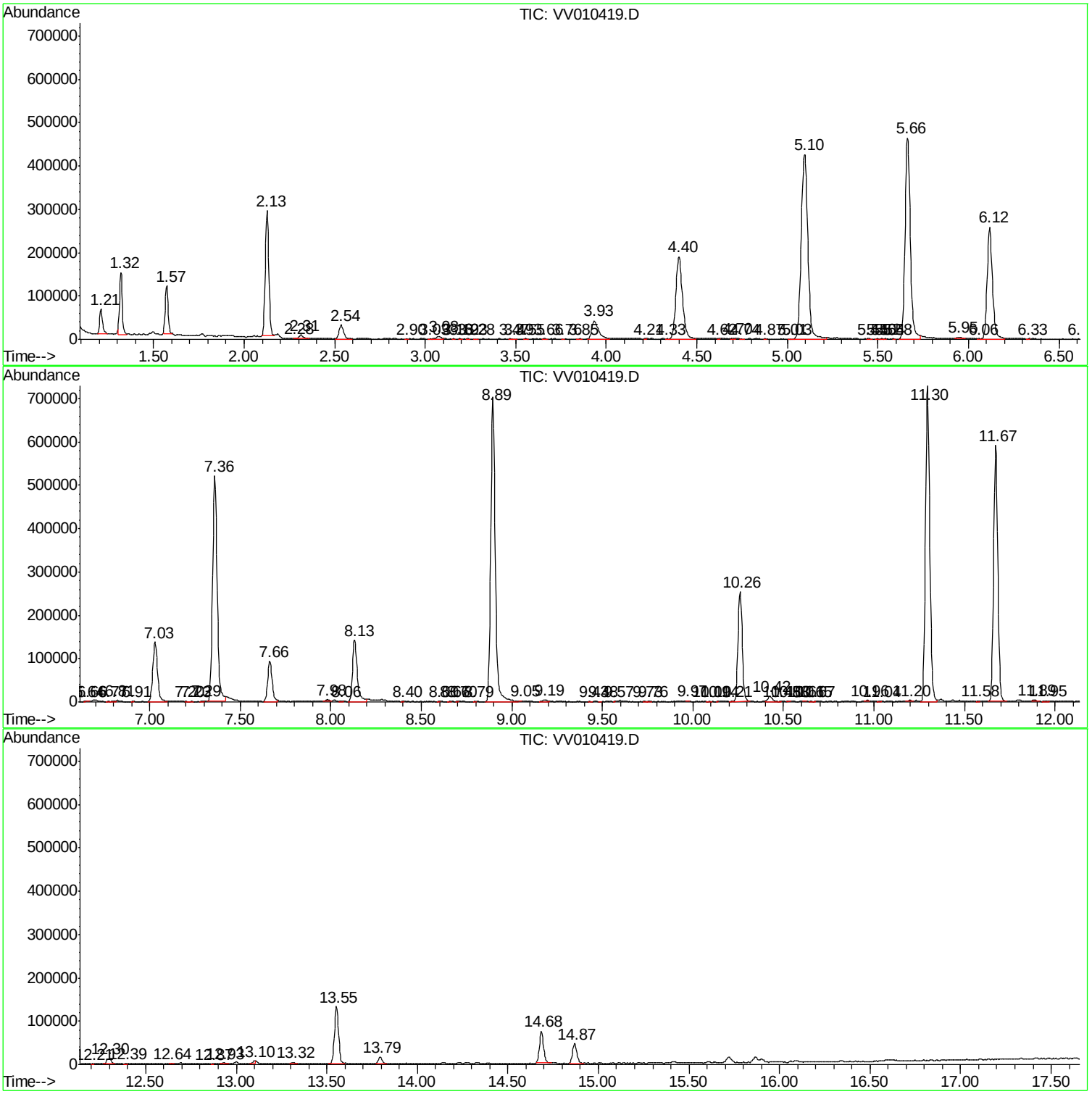
Sample : K2456-01
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHQ1

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\
Data File : VV010419.D
Acq On : 22 Apr 2019 18:03
Operator : SY/MD
Sample : K2456-01
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHQ1

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

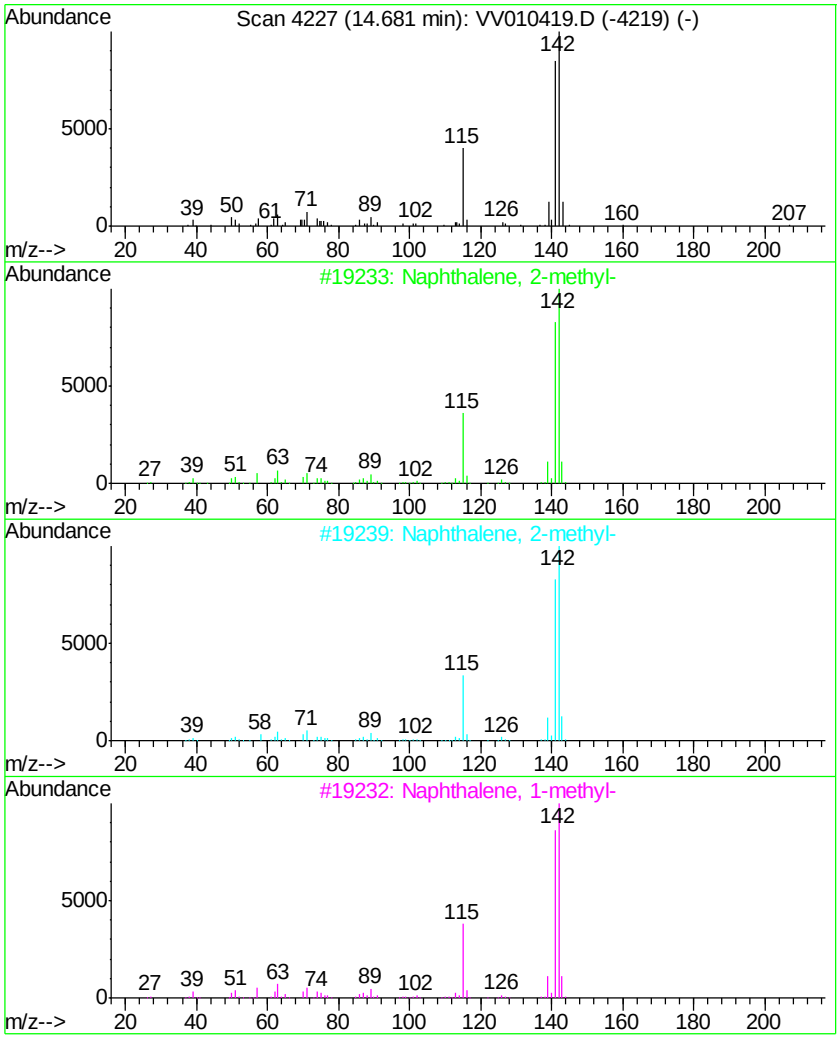
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

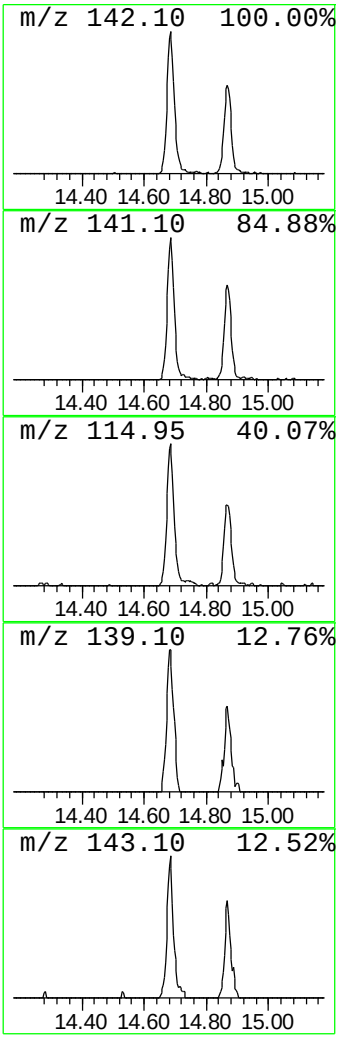
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.38 ug/L	114523	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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
Naphthalene, 1-me...	14.68	2.4	ug/L	114523	3	11.30	1200820	25.0