LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010401.D
Acq On : 19 Apr 2019 23:37
Operator : SY/MD
Sample : K2456-21
Misc : 5.10G/10mL/MSVOA V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN9

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\SOM2VLM041819S.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	1.319	66	71	87	rVB	157985	160191	12.30%	1.472%
2	1.576	145	151	164	rVB	130002	156066	11.98%	1.434%
3	2.126	314	322	334	rVB	300736	419135	32.18%	3.852%
4	2.312	374	380	390	rVB2	9113	12774	0.98%	0.117%
5	2.421	411	414	418	rBV3	1022	978	0.08%	0.009%
6	2.537	439	450	470	rBV2	97990	167557	12.87%	1.540%
7	2.878	553	556	562	rVB3	642	543	0.04%	0.005%
8	2.987	587	590	591	rBV	390	257	0.02%	0.002%
9	3.016	595	599	605	rBV2	655	765	0.06%	0.007%
10	3.077	606	618	629	rVB6	4333	8495	0.65%	0.078%
11	3.126	629	633	634	rBV3	401	308	0.02%	0.003%
12	3.167	642	646	647	rBV2	574	383	0.03%	0.004%
13	3.296	683	686	688	rVV	701	373	0.03%	0.003%
14	3.498	746	749	753	rBV2	377	284	0.02%	0.003%
15	3.736	820	823	828	rBV3	610	443	0.03%	0.004%
16	3.852	857	859	864	rBV3	438	298	0.02%	0.003%
17	3.936	874	885	913	rBV2	43920	117128	8.99%	1.076%
18	4.244	975	981	982	rBV3	713	666	0.05%	0.006%
19	4.286	991	994	997	rBV2	535	482	0.04%	0.004%
20	4.402	1012	1030	1060	rBV2	234260	581421	44.64%	5.344%
21	4.691	1117	1120	1121	rBV	721	345	0.03%	0.003%
22	4.752	1136	1139	1141	rBV2	435	252	0.02%	0.002%
23	4.788	1147	1150	1151	rBV	505	308	0.02%	0.003%
24	4.916	1188	1190	1193	rBV2	371	297	0.02%	0.003%
25	4.961	1201	1204	1207	rBV2	618	455	0.03%	0.004%
26	5.093	1227	1245	1274	rBV2	517569	1295755	99.49%	11.909%
27	5.344	1319	1323	1324	rBV3	455	276	0.02%	0.003%
28	5.424	1343	1348	1354	rBV4	511	574	0.04%	0.005%
29	5.569	1388	1393	1397	rBV	435	318	0.02%	0.003%
30	5.662	1403	1422	1446	rBV	474371	956900	73.47%	8.794%
31	5.949	1504	1511	1518	rBV7	5155	8310	0.64%	0.076%
32	6.119	1549	1564	1586	rBV	306787	629859	48.36%	5.789%
33	6.312	1621	1624	1626	rBV3	533	284	0.02%	0.003%
34	6.463	1666	1671	1672	rBV	526	308	0.02%	0.003%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOM2VLM041819S.M
Title : VOC Analysis

35	6.479	1672	1676	1678	rVV	458	274	0.02%	0.003%
36	6.640	1722	1726	1728	rBV3	1086	859	0.07%	0.008%
37	6.695	1739	1743	1754	rVB7	3781	6263	0.48%	0.058%
38	6.823	1769	1783	1793	rVV5	7208	14435	1.11%	0.133%
39	6.871	1796	1798	1801	rVB	623	272	0.02%	0.002%
40	6.952	1821	1823	1828	rVB	756	503	0.04%	0.005%
41	7.029	1835	1847	1874	rBV	165942	302592	23.23%	2.781%
42	7.183	1893	1895	1898	rBV2	679	372	0.03%	0.003%
43	7.260	1916	1919	1922	rVB2	777	419	0.03%	0.004%
44	7.360	1938	1950	1968	rBV	608852	1076996	82.70%	9.898%
45	7.614	2026	2029	2033	rBV2	604	483	0.04%	0.004%
46	7.666	2033	2045	2061	rBV	108183	185120	14.21%	1.701%
47	7.981	2138	2143	2151	rBV5	3837	5374	0.41%	0.049%
48	8.132	2180	2190	2206	rBV	156562	277088	21.28%	2.547%
49	8.373	2262	2265	2268	rBV3	810	535	0.04%	0.005%
50	8.514	2307	2309	2314	rVB2	540	476	0.04%	0.004%
51	8.704	2364	2368	2376	rVB5	1510	1652	0.13%	0.015%
52	8.794	2391	2396	2399	rBV3	691	594	0.05%	0.005%
53	8.894	2413	2427	2457	rBV	725388	1248980	95.90%	11.479%
54	9.145	2503	2505	2509	rVB	535	310	0.02%	0.003%
55	9.183	2511	2517	2523	rBV3	1887	2465	0.19%	0.023%
56	9.222	2526	2529	2534	rBV4	400	357	0.03%	0.003%
57	9.318	2553	2559	2560	rBV4	680	639	0.05%	0.006%
58	9.389	2576	2581	2586	rBV3	624	646	0.05%	0.006%
59	9.415	2586	2589	2591	rBV2	417	238	0.02%	0.002%
60	9.453	2598	2601	2604	rBV2	666	521	0.04%	0.005%
61	9.575	2633	2639	2641	rBV3	1048	771	0.06%	0.007%
62	9.656	2660	2664	2668	rBV2	472	507	0.04%	0.005%
63	9.717	2680	2683	2689	rBV3	701	722	0.06%	0.007%
64	9.826	2715	2717	2719	rBV	459	310	0.02%	0.003%
65	9.855	2723	2726	2729	rVB2	871	564	0.04%	0.005%
66	10.080	2790	2796	2800	rBV2	534	459	0.04%	0.004%
67	10.177	2825	2826	2829	rVB	999	363	0.03%	0.003%
68	10.202	2829	2834	2838	rBV2	474	544	0.04%	0.005%
69	10.260	2840	2852	2869	rBV	285477	456345	35.04%	4.194%
70	10.357	2879	2882	2886	rBV	430	370	0.03%	0.003%
71	10.424	2892	2903	2917	rBV2	14724	26292	2.02%	0.242%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOM2VLM041819S.M
Title : VOC Analysis

72	10.511	2928	2930	2936	rBV2	398	371	0.03%	0.003%
73	10.553	2940	2943	2944	rBV2	545	287	0.02%	0.003%
74	10.563	2944	2946	2950	rVB2	825	518	0.04%	0.005%
75	10.624	2958	2965	2970	rVV7	1831	2382	0.18%	0.022%
76	10.659	2974	2976	2983	rVB3	345	325	0.02%	0.003%
77	10.961	3066	3070	3079	rVB4	2879	2989	0.23%	0.027%
78	11.077	3102	3106	3110	rBV4	672	753	0.06%	0.007%
79	11.190	3134	3141	3150	rBV8	4076	6693	0.51%	0.062%
80	11.296	3161	3174	3191	rBV	796007	1302360	100.00%	11.969%
81	11.566	3256	3258	3261	rBV3	662	401	0.03%	0.004%
82	11.672	3277	3291	3310	rBV	724769	1168403	89.71%	10.738%
83	11.948	3370	3377	3382	rBV7	974	1528	0.12%	0.014%
84	12.048	3406	3408	3412	rVB2	468	337	0.03%	0.003%
85	12.070	3412	3415	3416	rBV	547	339	0.03%	0.003%
86	12.080	3416	3418	3420	rVB	909	293	0.02%	0.003%
87	12.103	3422	3425	3431	rBV5	741	955	0.07%	0.009%
88	12.132	3431	3434	3437	rVB2	665	424	0.03%	0.004%
89	12.154	3437	3441	3445	rBV3	874	843	0.06%	0.008%
90	12.299	3476	3486	3497	rBV3	13512	21626	1.66%	0.199%
91	12.370	3505	3508	3510	rBV	831	553	0.04%	0.005%
92	12.556	3564	3566	3569	rBV	403	302	0.02%	0.003%
93	12.649	3592	3595	3596	rBV2	898	467	0.04%	0.004%
94	12.903	3670	3674	3676	rBV3	734	547	0.04%	0.005%
95	12.932	3679	3683	3689	rVB7	1810	2179	0.17%	0.020%
96	13.283	3790	3792	3795	rVB	767	342	0.03%	0.003%
97	13.553	3867	3876	3887	rBV2	19699	31366	2.41%	0.288%
98	13.797	3944	3952	3960	rVB3	13327	18970	1.46%	0.174%
99	14.685	4220	4228	4241	rVB2	47581	74975	5.76%	0.689%
100	14.868	4276	4285	4298	rVB	63520	100705	7.73%	0.926%

Sum of corrected areas: 10880731

LSC Report - Integrated Chromatogram

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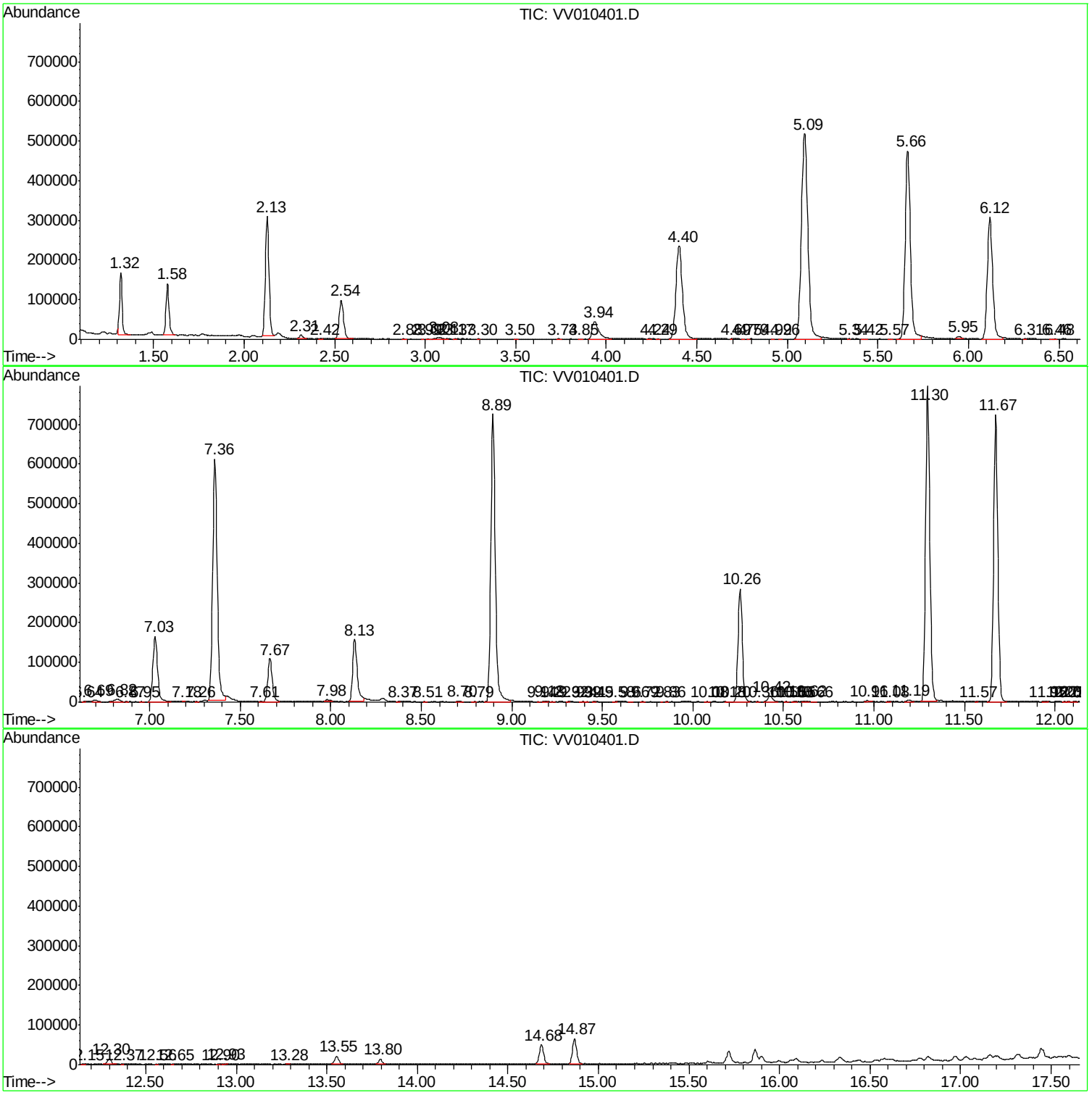
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.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\VV041819\
Data File : VV010401.D
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Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

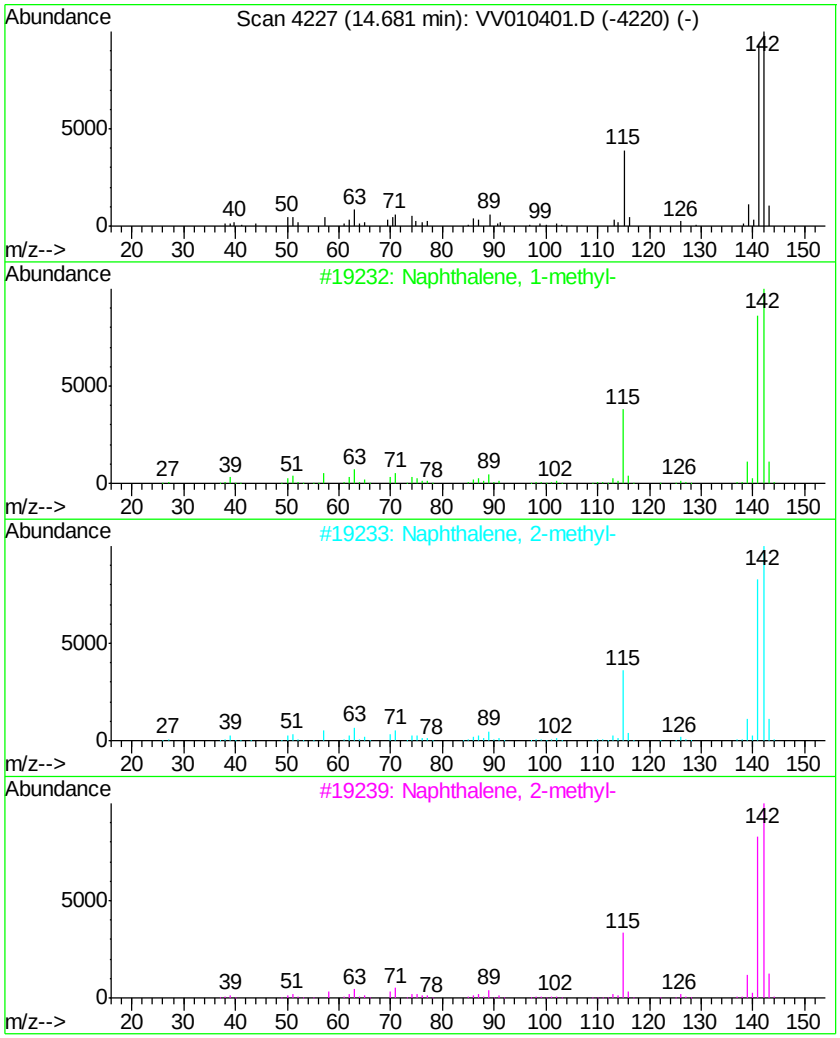
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

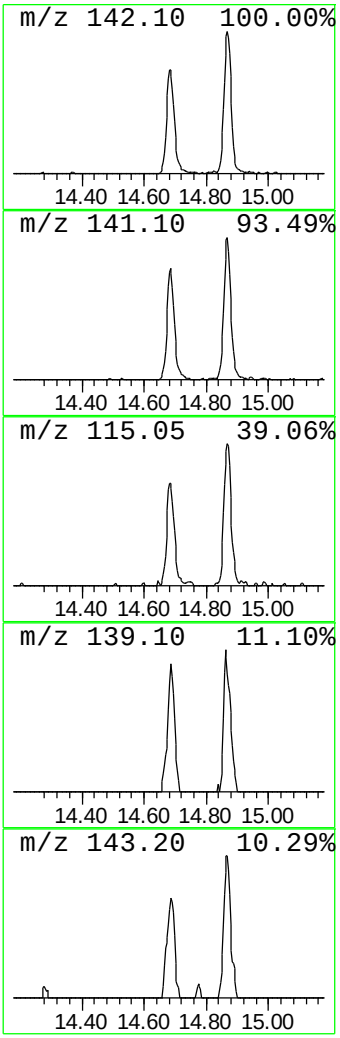
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	1.44 ug/L	74975	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	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	1.4	ug/L	74975	3	11.30	1302360	25.0