LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
Data File : VV010439.D
Acq On : 23 Apr 2019 06:23
Operator : SY/MD
Sample : K2481-03
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHT8

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	79	rVB	106014	105017	11.92%	1.658%
2	1.563	141	147	156	rVB	84001	101877	11.56%	1.609%
3	2.119	311	320	332	rVB	231447	329455	37.38%	5.203%
4	2.309	367	379	393	rBV2	30682	48540	5.51%	0.767%
5	2.527	440	447	460	rVB2	20758	34884	3.96%	0.551%
6	2.576	460	462	467	rVB2	603	442	0.05%	0.007%
7	2.621	470	476	478	rBV3	792	671	0.08%	0.011%
8	2.708	500	503	506	rBV2	751	447	0.05%	0.007%
9	2.762	517	520	522	rBV	693	295	0.03%	0.005%
10	2.868	549	553	555	rBV2	761	490	0.06%	0.008%
11	2.965	580	583	589	rVB2	380	418	0.05%	0.007%
12	3.000	589	594	597	rBV2	402	474	0.05%	0.007%
13	3.019	597	600	602	rVV	647	453	0.05%	0.007%
14	3.064	606	614	631	rVB4	6545	13931	1.58%	0.220%
15	3.244	666	670	672	rBV2	465	389	0.04%	0.006%
16	3.270	675	678	683	rVB	604	421	0.05%	0.007%
17	3.312	687	691	694	rBV2	474	309	0.04%	0.005%
18	3.466	735	739	742	rBV2	368	330	0.04%	0.005%
19	3.482	742	744	748	rVB3	703	431	0.05%	0.007%
20	3.579	772	774	778	rVB2	466	321	0.04%	0.005%
21	3.672	801	803	808	rVB2	534	377	0.04%	0.006%
22	3.698	808	811	814	rBV2	455	262	0.03%	0.004%
23	3.772	831	834	835	rBV	428	248	0.03%	0.004%
24	3.846	853	857	859	rBV2	436	367	0.04%	0.006%
25	3.878	865	867	871	rBV3	375	236	0.03%	0.004%
26	3.923	871	881	904	rBV2	30548	83101	9.43%	1.312%
27	4.254	980	984	986	rBV3	838	480	0.05%	0.008%
28	4.396	1008	1028	1050	rBV2	155571	393102	44.60%	6.208%
29	4.627	1095	1100	1103	rVB2	572	440	0.05%	0.007%
30	4.653	1104	1108	1111	rVB2	710	502	0.06%	0.008%
31	4.679	1111	1116	1117	rBV3	1332	864	0.10%	0.014%
32	4.791	1146	1151	1154	rVB2	825	626	0.07%	0.010%
33	4.817	1154	1159	1162	rBV3	683	513	0.06%	0.008%
34	4.855	1167	1171	1173	rBV	595	370	0.04%	0.006%

LSC Area Percent Report

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Sample : K2481-03
Misc : 5.10G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHT8

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

35	4.933	1193	1195	1199	rVB2	467	306	0.03%	0.005%
36	4.961	1199	1204	1206	rBV2	542	413	0.05%	0.007%
37	5.090	1226	1244	1277	rBV4	350407	881297	100.00%	13.917%
38	5.373	1329	1332	1336	rVB2	622	481	0.05%	0.008%
39	5.508	1370	1374	1377	rVV3	730	613	0.07%	0.010%
40	5.527	1378	1380	1384	rVB2	799	437	0.05%	0.007%
41	5.566	1390	1392	1394	rBV	399	208	0.02%	0.003%
42	5.659	1407	1421	1442	rBV	360431	713402	80.95%	11.266%
43	5.997	1524	1526	1528	rBV2	502	309	0.04%	0.005%
44	6.113	1548	1562	1590	rBV3	204777	418944	47.54%	6.616%
45	6.302	1618	1621	1624	rBV	393	284	0.03%	0.004%
46	6.350	1629	1636	1638	rVB2	564	561	0.06%	0.009%
47	6.379	1643	1645	1651	rVB	438	391	0.04%	0.006%
48	6.434	1658	1662	1663	rBV	475	324	0.04%	0.005%
49	6.482	1674	1677	1682	rBV	348	245	0.03%	0.004%
50	6.534	1691	1693	1696	rVB	567	272	0.03%	0.004%
51	6.614	1712	1718	1719	rBV2	566	480	0.05%	0.008%
52	6.656	1723	1731	1734	rBV3	648	918	0.10%	0.014%
53	6.688	1734	1741	1750	rBV7	2842	4539	0.52%	0.072%
54	6.939	1814	1819	1822	rBV4	542	373	0.04%	0.006%
55	7.029	1832	1847	1870	rBV2	96421	171993	19.52%	2.716%
56	7.145	1881	1883	1887	rVB2	482	318	0.04%	0.005%
57	7.222	1903	1907	1910	rBV2	963	857	0.10%	0.014%
58	7.299	1927	1931	1933	rBV2	762	573	0.07%	0.009%
59	7.357	1936	1949	1965	rBV	372848	654428	74.26%	10.334%
60	7.662	2031	2044	2056	rBV2	62123	101466	11.51%	1.602%
61	7.810	2086	2090	2092	rBV2	768	504	0.06%	0.008%
62	7.984	2136	2144	2153	rBV4	3574	5667	0.64%	0.089%
63	8.132	2178	2190	2206	rBV	96784	174156	19.76%	2.750%
64	8.437	2282	2285	2286	rBV	417	206	0.02%	0.003%
65	8.505	2299	2306	2309	rBV2	558	693	0.08%	0.011%
66	8.537	2313	2316	2320	rBV2	296	298	0.03%	0.005%
67	8.627	2341	2344	2348	rBV2	718	498	0.06%	0.008%
68	8.694	2362	2365	2367	rBV2	1209	765	0.09%	0.012%
69	8.894	2413	2427	2455	rBV	431508	742082	84.20%	11.718%
70	9.186	2508	2518	2526	rVB6	2828	4701	0.53%	0.074%
71	9.292	2548	2551	2554	rVB3	535	316	0.04%	0.005%

LSC Area Percent Report

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Sample : K2481-03
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHT8

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	9.318	2554	2559	2565	rBV3	611	682	0.08%	0.011%
73	9.556	2631	2633	2635	rBV2	578	261	0.03%	0.004%
74	9.598	2640	2646	2647	rBV4	3201	2448	0.28%	0.039%
75	9.649	2661	2662	2665	rBV2	486	215	0.02%	0.003%
76	9.775	2700	2701	2705	rVB2	716	363	0.04%	0.006%
77	9.833	2715	2719	2723	rBV	306	332	0.04%	0.005%
78	9.852	2723	2725	2728	rBV	407	272	0.03%	0.004%
79	9.948	2752	2755	2758	rBV2	474	345	0.04%	0.005%
80	10.029	2777	2780	2784	rBV2	467	361	0.04%	0.006%
81	10.080	2794	2796	2803	rVV2	574	599	0.07%	0.009%
82	10.109	2803	2805	2812	rVB2	526	389	0.04%	0.006%
83	10.260	2840	2852	2870	rBV	169600	273599	31.05%	4.320%
84	10.347	2875	2879	2884	rBV2	1166	855	0.10%	0.014%
85	10.424	2893	2903	2913	rBV3	8452	14060	1.60%	0.222%
86	10.546	2936	2941	2944	rBV2	577	475	0.05%	0.008%
87	10.752	3000	3005	3007	rBV2	591	572	0.06%	0.009%
88	10.862	3037	3039	3041	rBV2	493	274	0.03%	0.004%
89	10.919	3055	3057	3061	rBV2	566	342	0.04%	0.005%
90	10.961	3061	3070	3080	rVB6	6678	9881	1.12%	0.156%
91	11.032	3085	3092	3102	rVV4	9424	13985	1.59%	0.221%
92	11.080	3102	3107	3116	rVB7	2830	4219	0.48%	0.067%
93	11.138	3122	3125	3127	rBV2	546	329	0.04%	0.005%
94	11.193	3135	3142	3147	rVV5	3285	3782	0.43%	0.060%
95	11.296	3162	3174	3189	rBV	314125	503068	57.08%	7.944%
96	11.460	3214	3225	3234	rVB	5685	13923	1.58%	0.220%
97	11.517	3241	3243	3249	rVB3	1179	817	0.09%	0.013%
98	11.575	3249	3261	3263	rBV7	3823	5220	0.59%	0.082%
99	11.672	3280	3291	3306	rBV	267221	430387	48.84%	6.796%
100	11.791	3321	3328	3336	rBV2	31291	45158	5.12%	0.713%

Sum of corrected areas: 6332614

LSC Report - Integrated Chromatogram

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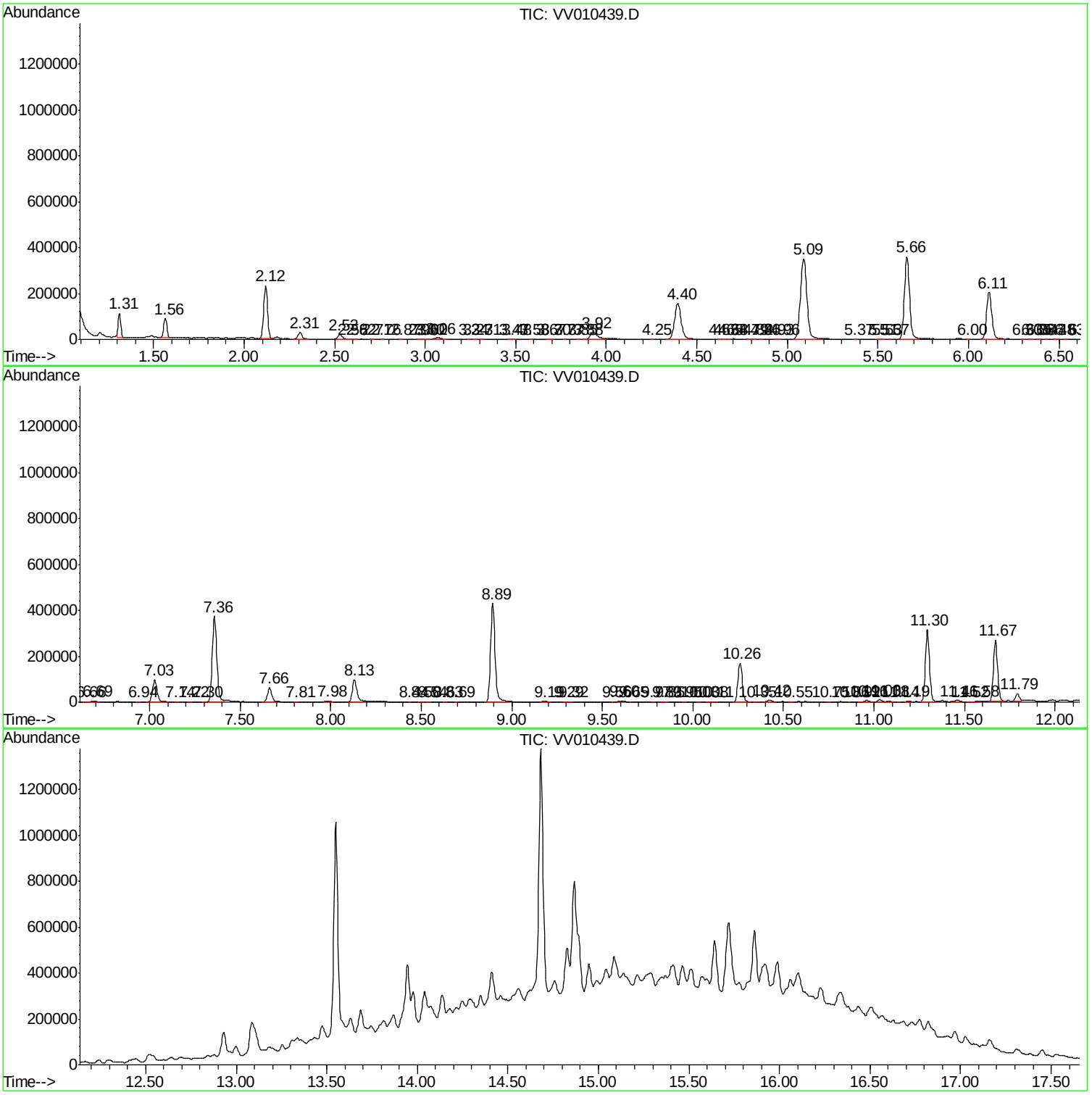
Sample : K2481-03
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHT8

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 : VV010439.D
Acq On : 23 Apr 2019 06:23
Operator : SY/MD
Sample : K2481-03
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHT8

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

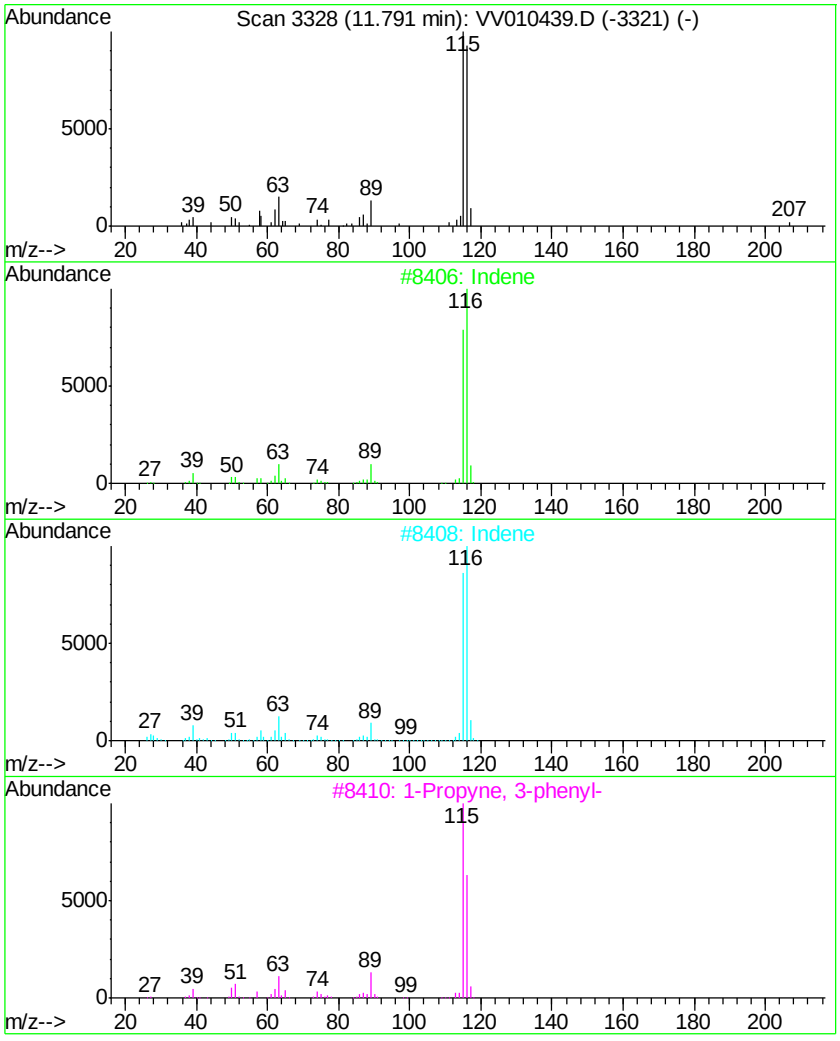
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

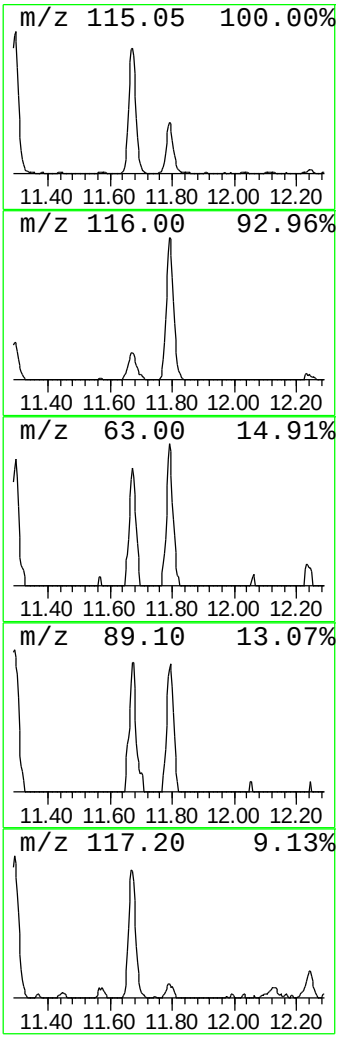
****

Peak Number 2 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.24 ug/L	45158	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Indene	116	C9H8	000095-13-6	91
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	Indene	116	C9H8	000095-13-6	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
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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
Indene	11.79	2.2	ug/L	45158	3	11.30	503068	25.0