LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031681.D
Acq On : 01 May 2019 13:56
Operator : JC/SP
Sample : K2593-15DL 4000X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

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\SOMULM042719WMA.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	1.396	88	95	107	rVB	392099	406899	10.71%	1.251%
2	1.679	176	183	199	rVB	331200	425601	11.20%	1.308%
3	1.884	241	247	261	rVB2	30610	45847	1.21%	0.141%
4	2.270	356	367	381	rBV	700014	1068163	28.11%	3.283%
5	2.663	487	489	492	rBV3	914	703	0.02%	0.002%
6	2.682	492	495	497	rBV4	1627	1117	0.03%	0.003%
7	2.785	523	527	531	rBV2	1466	1237	0.03%	0.004%
8	2.804	531	533	537	rVB3	911	668	0.02%	0.002%
9	2.855	544	549	552	rBV3	845	789	0.02%	0.002%
10	3.071	613	616	619	rVB2	1601	918	0.02%	0.003%
11	3.097	619	624	630	rBV4	1193	1420	0.04%	0.004%
12	3.132	633	635	640	rBV2	1094	851	0.02%	0.003%
13	3.219	660	662	668	rVB3	1485	1168	0.03%	0.004%
14	3.289	678	684	689	rVB4	1452	1384	0.04%	0.004%
15	3.315	689	692	697	rVB3	1520	987	0.03%	0.003%
16	3.357	703	705	709	rVB	1225	889	0.02%	0.003%
17	3.383	709	713	714	rBV3	1072	721	0.02%	0.002%
18	3.434	726	729	733	rBV4	1069	866	0.02%	0.003%
19	3.470	733	740	744	rBV4	1300	1704	0.04%	0.005%
20	3.643	790	794	800	rVB4	1019	949	0.02%	0.003%
21	3.691	805	809	812	rBV2	1451	1284	0.03%	0.004%
22	3.759	827	830	833	rVB2	1350	848	0.02%	0.003%
23	3.778	833	836	839	rBV2	1534	962	0.03%	0.003%
24	3.820	846	849	853	rBV3	2524	1903	0.05%	0.006%
25	3.862	859	862	869	rBV5	1136	1604	0.04%	0.005%
26	3.900	869	874	878	rVV4	1615	1664	0.04%	0.005%
27	4.026	909	913	918	rVB3	1157	1097	0.03%	0.003%
28	4.183	948	962	1000	rBV	358715	1122285	29.54%	3.449%
29	4.524	1064	1068	1072	rVB3	1610	1284	0.03%	0.004%
30	4.643	1085	1105	1133	rBV	548292	1335043	35.14%	4.103%
31	4.830	1160	1163	1168	rBV5	1272	1192	0.03%	0.004%
32	4.878	1175	1178	1179	rBV2	1742	890	0.02%	0.003%
33	4.933	1191	1195	1201	rVB6	2617	2716	0.07%	0.008%
34	4.987	1201	1212	1220	rBV8	3579	7756	0.20%	0.024%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

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\SOMULM042719WMA.M
Title : VOC Analysis

35	5.042	1224	1229	1232	rBV4	1290	1007	0.03%	0.003%
36	5.109	1243	1250	1251	rBV4	1174	1135	0.03%	0.003%
37	5.212	1278	1282	1285	rVB3	1039	792	0.02%	0.002%
38	5.235	1285	1289	1291	rBV4	1092	852	0.02%	0.003%
39	5.338	1297	1321	1362	rBV2	1141067	3498531	92.08%	10.752%
40	5.881	1476	1490	1533	rBV	1140218	2362429	62.18%	7.261%
41	6.183	1569	1584	1614	rBV	1878868	3799288	100.00%	11.677%
42	6.325	1617	1628	1659	rVB	782523	1615275	42.52%	4.964%
43	6.833	1782	1786	1792	rVB5	1367	1137	0.03%	0.003%
44	6.868	1793	1797	1800	rBV3	1858	1608	0.04%	0.005%
45	6.897	1800	1806	1811	rVV9	2257	3017	0.08%	0.009%
46	6.971	1827	1829	1832	rVB4	1802	968	0.03%	0.003%
47	6.997	1832	1837	1838	rBV5	1339	1094	0.03%	0.003%
48	7.064	1855	1858	1861	rVB5	873	666	0.02%	0.002%
49	7.084	1861	1864	1871	rVB5	1732	1570	0.04%	0.005%
50	7.158	1885	1887	1894	rBV6	1030	1033	0.03%	0.003%
51	7.225	1894	1908	1932	rBV	437237	824931	21.71%	2.535%
52	7.463	1980	1982	1985	rVB4	1534	780	0.02%	0.002%
53	7.563	1999	2013	2055	rBV	1437696	2711061	71.36%	8.332%
54	7.849	2091	2102	2122	rBV	287193	529972	13.95%	1.629%
55	8.225	2209	2219	2234	rBV4	52497	95764	2.52%	0.294%
56	8.309	2234	2245	2288	rBV	1266736	2466799	64.93%	7.581%
57	8.842	2404	2411	2415	rBV6	2595	2989	0.08%	0.009%
58	8.868	2416	2419	2424	rVV6	1860	1801	0.05%	0.006%
59	8.910	2428	2432	2438	rVV6	1783	1654	0.04%	0.005%
60	8.981	2449	2454	2462	rBV7	2036	2213	0.06%	0.007%
61	9.019	2464	2466	2468	rBV3	1408	831	0.02%	0.003%
62	9.087	2474	2487	2531	rBV	1677634	2912152	76.65%	8.950%
63	9.379	2572	2578	2587	rVB8	4416	7882	0.21%	0.024%
64	9.415	2587	2589	2593	rBV3	1015	680	0.02%	0.002%
65	9.460	2600	2603	2606	rBV4	1547	1155	0.03%	0.004%
66	9.588	2641	2643	2649	rVB5	1429	995	0.03%	0.003%
67	9.627	2653	2655	2659	rBV3	1350	922	0.02%	0.003%
68	9.653	2660	2663	2667	rVB3	1642	1131	0.03%	0.003%
69	9.743	2687	2691	2696	rVB5	2421	2175	0.06%	0.007%
70	9.768	2696	2699	2700	rBV2	1990	1191	0.03%	0.004%
71	9.784	2700	2704	2709	rVV4	3199	3036	0.08%	0.009%

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

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\SOMULM042719WMA.M
Title : VOC Analysis

72	9.891	2734	2737	2741	rBV2	1144	1081	0.03%	0.003%
73	9.936	2748	2751	2754	rBV2	1369	1237	0.03%	0.004%
74	10.019	2773	2777	2779	rBV3	1870	1277	0.03%	0.004%
75	10.045	2782	2785	2789	rBV3	1525	1180	0.03%	0.004%
76	10.090	2796	2799	2801	rBV3	1489	1045	0.03%	0.003%
77	10.167	2820	2823	2825	rBV3	1404	1015	0.03%	0.003%
78	10.212	2833	2837	2845	rBV5	1351	1773	0.05%	0.005%
79	10.270	2852	2855	2858	rVB4	1684	892	0.02%	0.003%
80	10.344	2874	2878	2884	rBV6	1305	1138	0.03%	0.003%
81	10.427	2890	2904	2927	rBV	1086932	1788752	47.08%	5.497%
82	10.672	2977	2980	2982	rBV2	1898	1143	0.03%	0.004%
83	10.768	3007	3010	3014	rVB3	2634	2098	0.06%	0.006%
84	10.881	3042	3045	3048	rVV4	2127	1681	0.04%	0.005%
85	10.913	3052	3055	3061	rBV3	1643	1933	0.05%	0.006%
86	10.942	3061	3064	3067	rBV3	1250	824	0.02%	0.003%
87	10.958	3067	3069	3073	rBV2	1568	1325	0.03%	0.004%
88	11.006	3081	3084	3087	rBV4	2100	1483	0.04%	0.005%
89	11.074	3101	3105	3109	rBV6	1670	1838	0.05%	0.006%
90	11.106	3112	3115	3116	rBV2	2140	1174	0.03%	0.004%
91	11.148	3126	3128	3135	rVB6	4020	3274	0.09%	0.010%
92	11.308	3173	3178	3180	rBV2	3084	2654	0.07%	0.008%
93	11.379	3194	3200	3202	rBV5	2264	2134	0.06%	0.007%
94	11.479	3219	3231	3253	rBV	1640270	2665951	70.17%	8.193%
95	11.855	3336	3348	3371	rBV	1433394	2399865	63.17%	7.376%
96	12.148	3437	3439	3441	rBV3	1943	1139	0.03%	0.004%
97	13.125	3736	3743	3757	rBV9	14053	30888	0.81%	0.095%
98	13.878	3973	3977	3990	rVB5	20148	28740	0.76%	0.088%
99	14.887	4282	4291	4310	rBV3	77690	187790	4.94%	0.577%
100	15.916	4604	4611	4624	rBV3	50106	98610	2.60%	0.303%

Sum of corrected areas: 32537859

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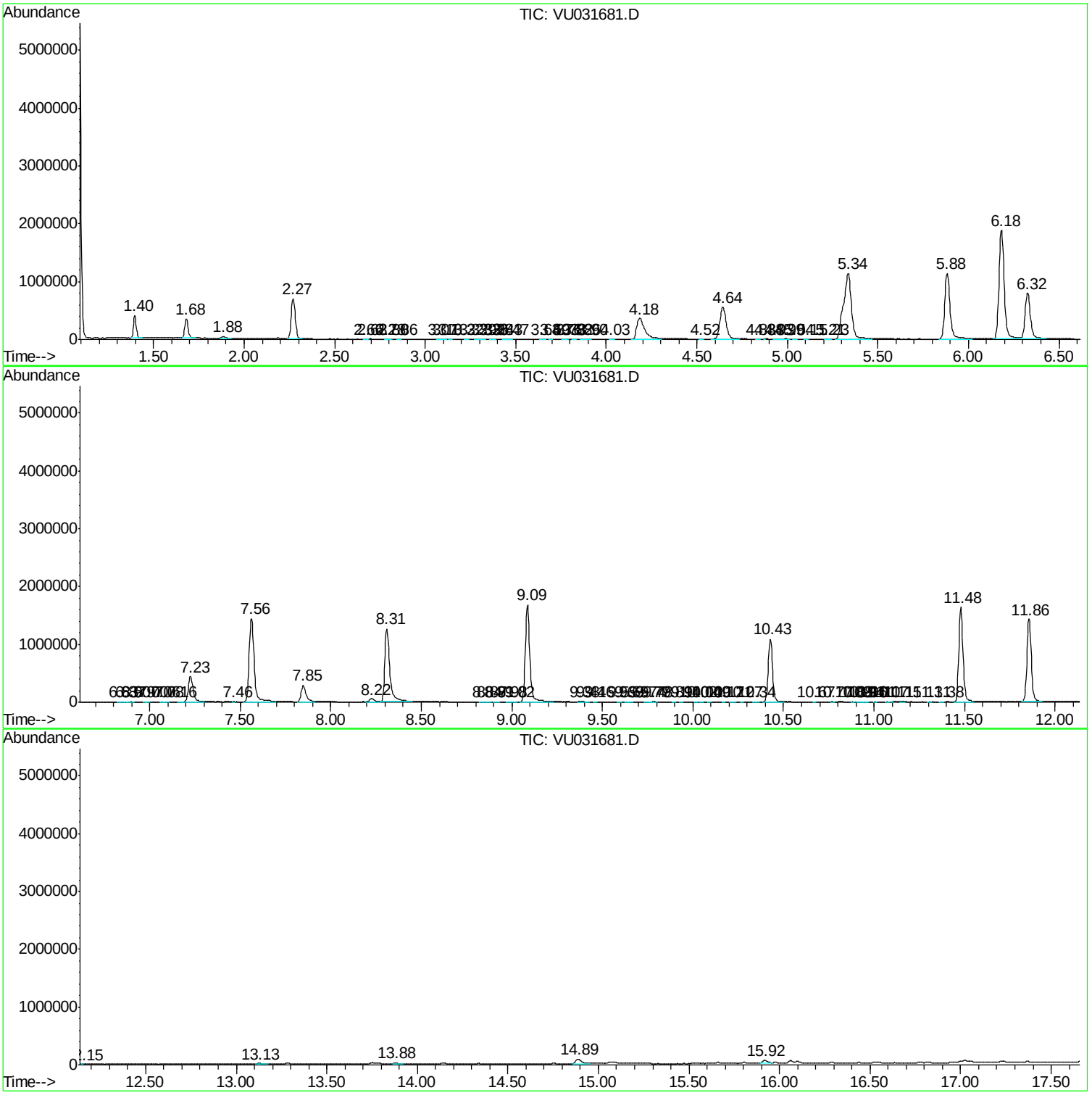
ClientSampleId : C0XB5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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\VU050119\
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Sample : K2593-15DL 4000X
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

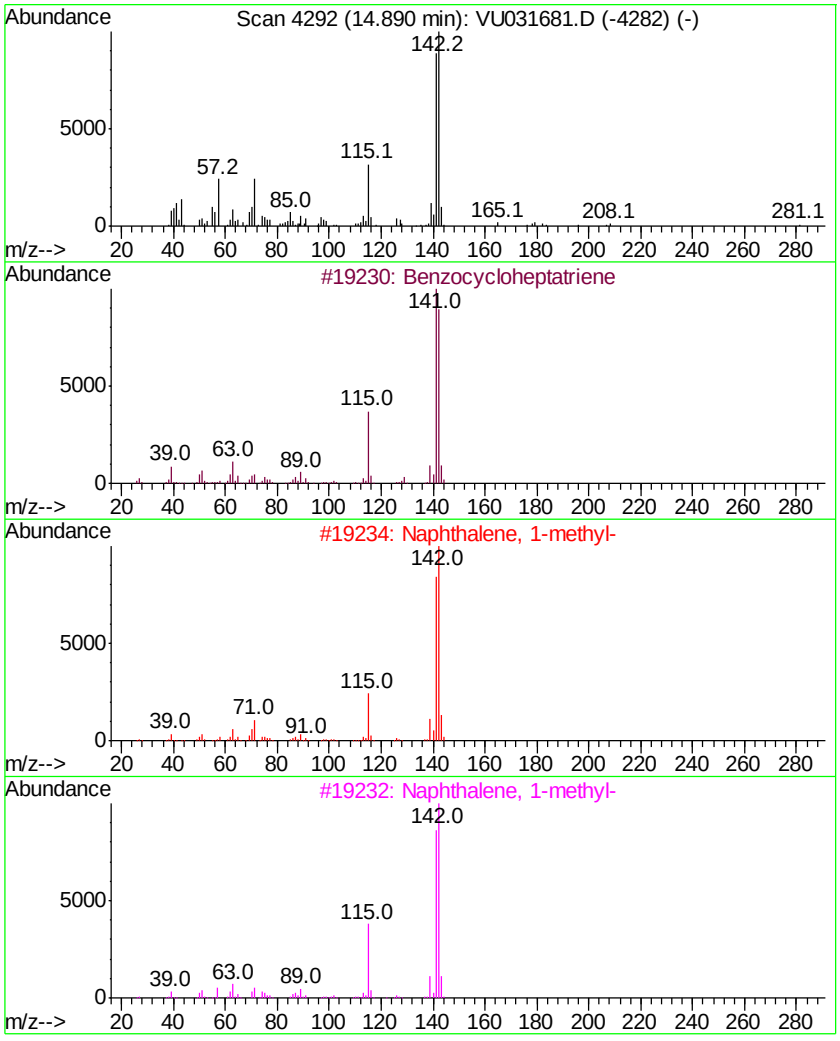
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

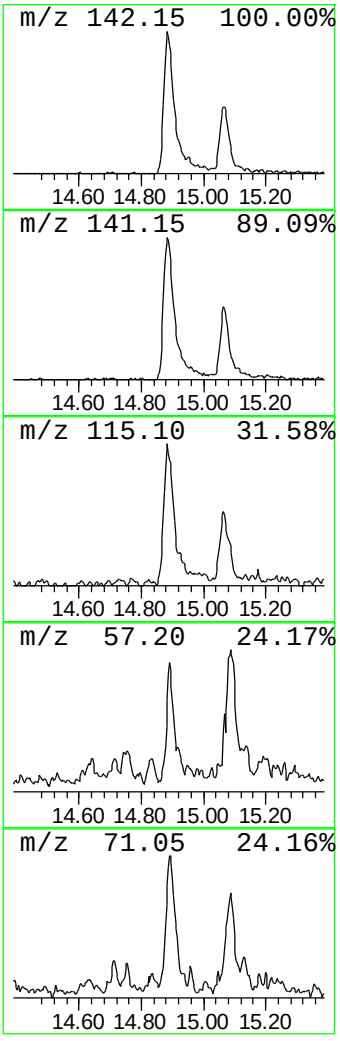
****

Peak Number 2 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.52 ug/L	187790	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	90
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
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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
Benzocycloheptatr...	14.89	3.5	ug/L	187790	3	11.48	2665950	50.0