

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031691.D
 Acq On : 01 May 2019 17:49
 Operator : JC/SP
 Sample : K2603-18
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ70

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	1.395	87	95	110	rBV	375734	528501	11.29%	1.424%
2	1.678	175	183	200	rBV	280839	510181	10.90%	1.375%
3	2.244	349	359	375	rBV	822277	1312638	28.04%	3.538%
4	2.498	435	438	444	rVB6	2744	2396	0.05%	0.006%
5	2.550	451	454	456	rBV3	1256	908	0.02%	0.002%
6	2.575	459	462	466	rBV5	1419	1443	0.03%	0.004%
7	2.688	489	497	499	rBV5	9192	11253	0.24%	0.030%
8	2.839	542	544	548	rVB5	1483	824	0.02%	0.002%
9	2.923	568	570	574	rBV4	1213	834	0.02%	0.002%
10	2.974	581	586	588	rBV3	1686	1319	0.03%	0.004%
11	3.006	594	596	602	rVB5	2433	2086	0.04%	0.006%
12	3.038	602	606	612	rBV5	976	1060	0.02%	0.003%
13	3.083	615	620	622	rBV3	1722	1379	0.03%	0.004%
14	3.145	636	639	641	rBV3	1458	1018	0.02%	0.003%
15	3.202	653	657	661	rBV5	1308	1052	0.02%	0.003%
16	3.241	666	669	674	rBV5	1624	1365	0.03%	0.004%
17	3.280	674	681	687	rBV5	3335	4829	0.10%	0.013%
18	3.334	695	698	703	rVB4	992	926	0.02%	0.002%
19	3.376	706	711	712	rBV2	1008	925	0.02%	0.002%
20	3.440	727	731	734	rBV4	1317	942	0.02%	0.003%
21	3.514	751	754	758	rBV3	1101	1122	0.02%	0.003%
22	3.534	758	760	762	rVB2	1609	759	0.02%	0.002%
23	3.553	762	766	771	rVB5	1767	1693	0.04%	0.005%
24	3.588	771	777	779	rBV3	1247	1359	0.03%	0.004%
25	3.656	796	798	802	rVB2	1443	994	0.02%	0.003%
26	3.685	802	807	809	rBV2	1628	1207	0.03%	0.003%
27	3.775	831	835	841	rVB5	1800	1598	0.03%	0.004%
28	3.817	843	848	850	rBV2	1462	1359	0.03%	0.004%
29	3.833	850	853	857	rVB3	1318	1010	0.02%	0.003%
30	3.858	857	861	865	rVB4	850	803	0.02%	0.002%
31	3.936	881	885	887	rVV2	959	787	0.02%	0.002%
32	4.042	912	918	921	rBV3	1438	1323	0.03%	0.004%
33	4.090	929	933	941	rBV5	1184	1455	0.03%	0.004%
34	4.209	955	970	1017	rBV2	275598	1450243	30.98%	3.909%

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

35	4.643	1088	1105	1136	rBV	659268	1794076	38.33%	4.835%
36	4.871	1172	1176	1179	rBV4	2702	2448	0.05%	0.007%
37	4.919	1188	1191	1195	rBV4	1765	1421	0.03%	0.004%
38	4.964	1200	1205	1206	rBV	2477	1923	0.04%	0.005%
39	5.148	1258	1262	1265	rVB3	1532	1228	0.03%	0.003%
40	5.228	1282	1287	1292	rBV4	1516	1814	0.04%	0.005%
41	5.331	1296	1319	1355	rBV2	1580412	4681117	100.00%	12.617%
42	5.797	1461	1464	1467	rVB3	1511	1047	0.02%	0.003%
43	5.881	1476	1490	1529	rBV	1277179	3013259	64.37%	8.121%
44	6.177	1571	1582	1595	rBV9	18487	46510	0.99%	0.125%
45	6.328	1615	1629	1660	rVB	959753	2184923	46.68%	5.889%
46	6.678	1736	1738	1743	rVB4	1493	1266	0.03%	0.003%
47	6.726	1748	1753	1762	rVB5	2215	3389	0.07%	0.009%
48	6.778	1762	1769	1772	rBV4	1682	2174	0.05%	0.006%
49	6.861	1791	1795	1797	rBV3	1329	1000	0.02%	0.003%
50	6.887	1797	1803	1804	rBV4	3772	2966	0.06%	0.008%
51	7.051	1851	1854	1858	rVB5	1373	860	0.02%	0.002%
52	7.096	1864	1868	1870	rBV3	816	772	0.02%	0.002%
53	7.160	1884	1888	1890	rBV3	1123	943	0.02%	0.003%
54	7.228	1896	1909	1936	rBV	491466	1106790	23.64%	2.983%
55	7.562	1999	2013	2035	rBV	1753515	3500911	74.79%	9.436%
56	7.855	2092	2104	2136	rBV	304018	735532	15.71%	1.982%
57	8.029	2155	2158	2162	rBV6	2331	1435	0.03%	0.004%
58	8.058	2162	2167	2172	rBV6	2334	3114	0.07%	0.008%
59	8.141	2191	2193	2197	rBV3	1030	783	0.02%	0.002%
60	8.205	2210	2213	2214	rBV2	1849	1025	0.02%	0.003%
61	8.225	2214	2219	2229	rVB7	5657	7948	0.17%	0.021%
62	8.341	2239	2255	2293	rBV	1236814	3426316	73.19%	9.235%
63	8.530	2312	2314	2319	rVB5	2472	1559	0.03%	0.004%
64	8.582	2328	2330	2334	rBV4	1963	1311	0.03%	0.004%
65	8.868	2416	2419	2422	rBV4	1359	844	0.02%	0.002%
66	8.906	2424	2431	2438	rVV6	5685	8406	0.18%	0.023%
67	9.093	2474	2489	2520	rBV	1826591	3642704	77.82%	9.818%
68	9.257	2533	2540	2545	rBV3	7312	9375	0.20%	0.025%
69	9.382	2571	2579	2592	rBV3	18944	33824	0.72%	0.091%
70	9.521	2617	2622	2623	rBV4	1012	804	0.02%	0.002%
71	9.652	2658	2663	2667	rVB5	1230	1325	0.03%	0.004%

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 Title : VOC Analysis

72	9.810	2697	2712	2721	rVV6	12935	33314	0.71%	0.090%
73	9.906	2738	2742	2743	rBV4	1284	893	0.02%	0.002%
74	9.984	2763	2766	2769	rBV5	1148	761	0.02%	0.002%
75	10.093	2797	2800	2803	rBV4	1865	1501	0.03%	0.004%
76	10.122	2806	2809	2813	rVB4	1189	857	0.02%	0.002%
77	10.157	2817	2820	2823	rBV3	1532	1175	0.03%	0.003%
78	10.318	2865	2870	2873	rBV6	1590	1418	0.03%	0.004%
79	10.437	2893	2907	2937	rBV	1413706	2403991	51.36%	6.479%
80	10.746	2998	3003	3006	rBV5	2338	2592	0.06%	0.007%
81	10.810	3018	3023	3026	rBV6	1887	2105	0.04%	0.006%
82	10.977	3069	3075	3077	rBV6	2033	1776	0.04%	0.005%
83	11.083	3101	3108	3111	rBV5	3439	4046	0.09%	0.011%
84	11.157	3125	3131	3138	rVB6	5316	8245	0.18%	0.022%
85	11.225	3145	3152	3162	rBV10	6443	12428	0.27%	0.033%
86	11.286	3168	3171	3174	rBV4	1484	1238	0.03%	0.003%
87	11.337	3183	3187	3190	rBV3	1528	1326	0.03%	0.004%
88	11.395	3201	3205	3208	rBV4	1992	1874	0.04%	0.005%
89	11.485	3220	3233	3252	rBV	1955784	3152699	67.35%	8.497%
90	11.762	3317	3319	3322	rBV3	1671	898	0.02%	0.002%
91	11.861	3337	3350	3375	rBV	1819661	3031348	64.76%	8.170%
92	12.295	3482	3485	3486	rBV2	1605	903	0.02%	0.002%
93	12.363	3499	3506	3510	rBV9	2534	3822	0.08%	0.010%
94	12.475	3539	3541	3544	rBV3	1917	1176	0.03%	0.003%
95	12.691	3605	3608	3610	rBV3	2959	2344	0.05%	0.006%
96	12.958	3688	3691	3692	rBV3	2084	1123	0.02%	0.003%
97	13.128	3735	3744	3762	rBV5	22237	52655	1.12%	0.142%
98	13.279	3785	3791	3798	rBV3	17812	26432	0.56%	0.071%
99	13.752	3930	3938	3955	rBV2	46570	105933	2.26%	0.286%
100	14.884	4283	4290	4308	rBV2	92404	165457	3.53%	0.446%

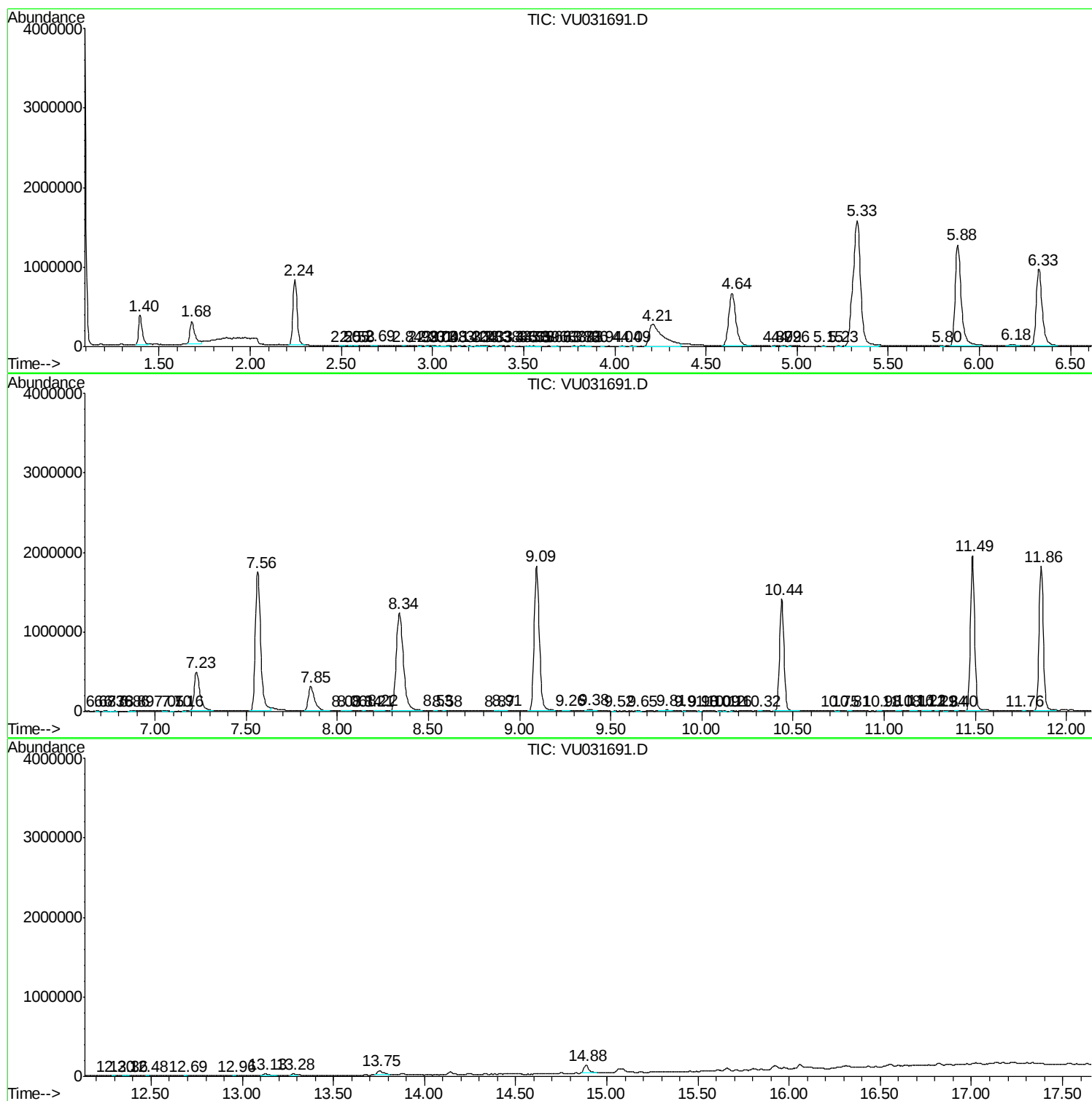
Sum of corrected areas: 37103063

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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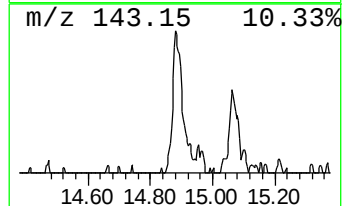
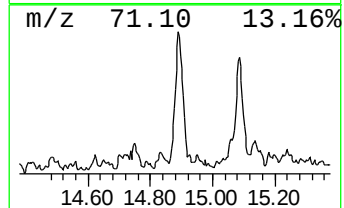
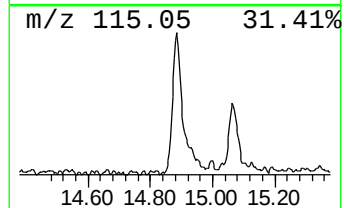
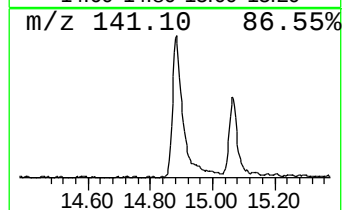
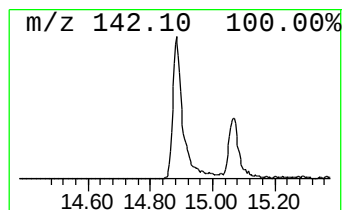
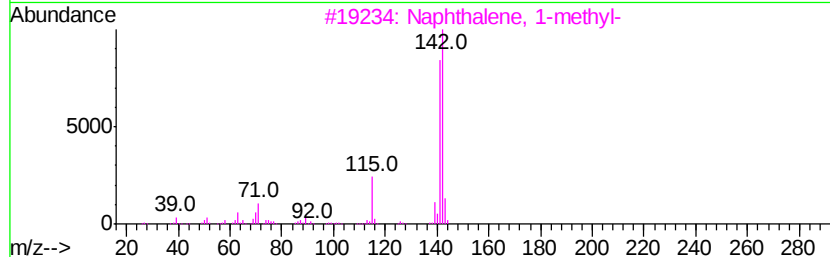
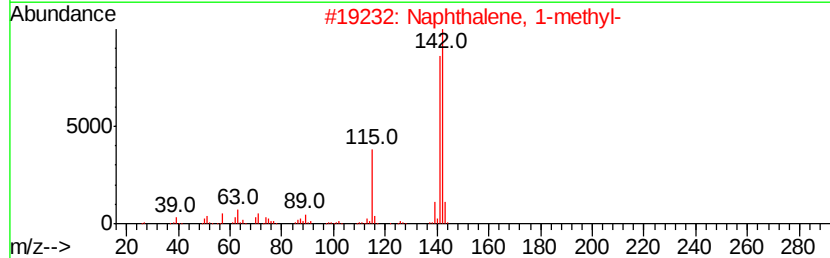
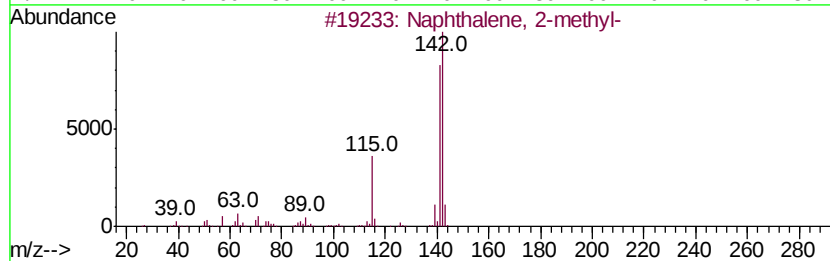
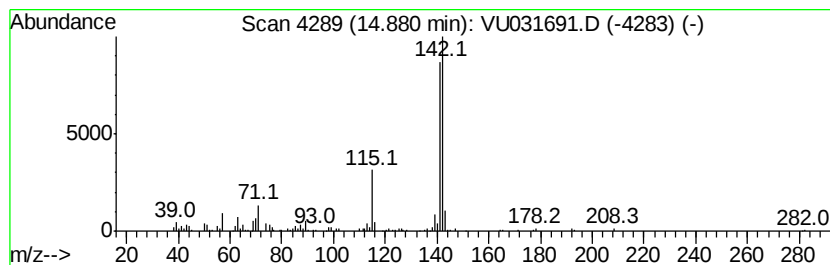
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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.
14.88	2.62 ug/L	165457	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 97
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 95
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		Benzocycloheptatriene	142 C11H10	000264-09-5 91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	14.88	2.6	ug/L	165457	3	11.49	3152700	50.0