

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036492.D
 Acq On : 16 Jan 2020 01:29
 Operator : JC/MD
 Sample : VIBLK45
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK45

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\SOMULM011420WMA.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	1.613	77	85	94	rBV	232441	252817	12.95%	1.361%
2	1.928	175	183	198	rVB	197913	261029	13.37%	1.405%
3	2.526	368	369	373	rVB3	1190	559	0.03%	0.003%
4	2.594	373	390	406	rBV	380720	635170	32.54%	3.418%
5	2.735	431	434	436	rBV2	889	557	0.03%	0.003%
6	2.800	451	454	458	rVB4	995	803	0.04%	0.004%
7	2.822	459	461	466	rVB2	1228	732	0.04%	0.004%
8	2.858	468	472	475	rVB3	1360	980	0.05%	0.005%
9	2.880	475	479	483	rVB4	1066	918	0.05%	0.005%
10	2.903	483	486	487	rBV2	959	533	0.03%	0.003%
11	3.083	533	542	549	rBV8	2934	4878	0.25%	0.026%
12	3.224	578	586	603	rVB2	12260	25966	1.33%	0.140%
13	3.382	632	635	637	rVV3	867	505	0.03%	0.003%
14	3.436	648	652	655	rBV2	831	627	0.03%	0.003%
15	3.491	664	669	672	rBV3	986	830	0.04%	0.004%
16	3.632	708	713	718	rBV5	908	1031	0.05%	0.006%
17	3.732	742	744	747	rBV	682	469	0.02%	0.003%
18	3.755	749	751	754	rVV	804	525	0.03%	0.003%
19	3.825	770	773	780	rVB4	701	656	0.03%	0.004%
20	3.925	801	804	806	rBV3	747	474	0.02%	0.003%
21	4.124	861	866	869	rBV2	564	555	0.03%	0.003%
22	4.163	875	878	880	rBV	783	544	0.03%	0.003%
23	4.388	943	948	952	rVB2	718	571	0.03%	0.003%
24	4.549	993	998	1002	rVB3	1269	1028	0.05%	0.006%
25	4.677	1021	1038	1066	rBV	207060	502015	25.72%	2.702%
26	4.874	1096	1099	1103	rBV3	991	787	0.04%	0.004%
27	4.983	1130	1133	1138	rBV4	859	1006	0.05%	0.005%
28	5.112	1156	1173	1201	rBV	347484	804984	41.24%	4.332%
29	5.308	1229	1234	1237	rBV3	758	797	0.04%	0.004%
30	5.327	1237	1240	1242	rBV2	1151	819	0.04%	0.004%
31	5.401	1258	1263	1264	rBV4	1009	723	0.04%	0.004%
32	5.459	1278	1281	1284	rBV2	863	785	0.04%	0.004%
33	5.507	1293	1296	1302	rVB5	692	580	0.03%	0.003%
34	5.549	1304	1309	1313	rBV4	762	706	0.04%	0.004%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Title : VOC Analysis

35	5.767	1354	1377	1394	rBV2	735961	1952095	100.00%	10.505%
36	6.025	1454	1457	1460	rBV3	712	591	0.03%	0.003%
37	6.288	1524	1539	1556	rBV	662877	1251217	64.10%	6.733%
38	6.410	1574	1577	1580	rVB3	1368	916	0.05%	0.005%
39	6.491	1599	1602	1605	rBV2	1400	911	0.05%	0.005%
40	6.565	1614	1625	1638	rVV4	26485	49864	2.55%	0.268%
41	6.729	1661	1676	1698	rBV	457102	909406	46.59%	4.894%
42	6.925	1734	1737	1739	rBV3	693	471	0.02%	0.003%
43	6.941	1740	1742	1745	rVV4	808	570	0.03%	0.003%
44	6.973	1749	1752	1756	rVB3	854	648	0.03%	0.003%
45	7.079	1780	1785	1786	rBV3	794	590	0.03%	0.003%
46	7.201	1814	1823	1825	rBV5	1741	1889	0.10%	0.010%
47	7.308	1852	1856	1857	rBV2	811	539	0.03%	0.003%
48	7.365	1870	1874	1877	rVB2	795	595	0.03%	0.003%
49	7.600	1932	1947	1963	rBV2	280719	496500	25.43%	2.672%
50	7.774	1998	2001	2004	rVB4	1506	1044	0.05%	0.006%
51	7.819	2010	2015	2016	rBV4	1367	1085	0.06%	0.006%
52	7.857	2026	2027	2033	rVB3	1223	950	0.05%	0.005%
53	7.931	2033	2050	2067	rBV	918305	1593334	81.62%	8.574%
54	8.211	2124	2137	2155	rBV	197514	340559	17.45%	1.833%
55	8.356	2180	2182	2186	rVB3	1464	907	0.05%	0.005%
56	8.394	2192	2194	2197	rBV3	997	553	0.03%	0.003%
57	8.555	2242	2244	2247	rBV3	658	513	0.03%	0.003%
58	8.584	2250	2253	2255	rBV2	920	541	0.03%	0.003%
59	8.668	2266	2279	2313	rBV	603441	1158966	59.37%	6.237%
60	8.886	2341	2347	2349	rBV2	917	729	0.04%	0.004%
61	8.941	2358	2364	2365	rBV3	994	793	0.04%	0.004%
62	8.963	2369	2371	2376	rVB4	1227	868	0.04%	0.005%
63	9.066	2400	2403	2407	rBV4	690	558	0.03%	0.003%
64	9.105	2411	2415	2418	rVV3	872	755	0.04%	0.004%
65	9.127	2420	2422	2427	rVV4	1324	1045	0.05%	0.006%
66	9.198	2443	2444	2449	rVB3	1182	728	0.04%	0.004%
67	9.230	2452	2454	2459	rBV2	472	499	0.03%	0.003%
68	9.446	2506	2521	2555	rBV	922000	1549533	79.38%	8.339%
69	9.594	2563	2567	2568	rBV4	1077	670	0.03%	0.004%
70	9.626	2575	2577	2582	rVB4	1024	670	0.03%	0.004%
71	9.722	2598	2607	2612	rBV4	4455	6669	0.34%	0.036%

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72	9.774	2620	2623	2626	rVB	699	504	0.03%	0.003%
73	9.796	2626	2630	2634	rBV4	862	728	0.04%	0.004%
74	10.057	2709	2711	2715	rVB4	693	460	0.02%	0.002%
75	10.127	2724	2733	2737	rBV7	3589	5053	0.26%	0.027%
76	10.240	2766	2768	2771	rBV	795	480	0.02%	0.003%
77	10.275	2777	2779	2783	rVB2	955	478	0.02%	0.003%
78	10.340	2795	2799	2803	rVB5	735	703	0.04%	0.004%
79	10.359	2803	2805	2808	rVB2	968	478	0.02%	0.003%
80	10.430	2823	2827	2833	rBV6	1516	1872	0.10%	0.010%
81	10.716	2913	2916	2918	rBV4	797	491	0.03%	0.003%
82	10.783	2924	2937	2954	rBV	621841	1042666	53.41%	5.611%
83	10.912	2975	2977	2982	rBV4	1192	1079	0.06%	0.006%
84	11.285	3090	3093	3096	rBV4	1146	666	0.03%	0.004%
85	11.301	3096	3098	3102	rBV3	1080	758	0.04%	0.004%
86	11.491	3150	3157	3166	rBV8	5649	8793	0.45%	0.047%
87	11.835	3252	3264	3280	rVB	902777	1470724	75.34%	7.915%
88	12.214	3372	3382	3405	rVB	925037	1567993	80.32%	8.438%
89	13.458	3759	3769	3773	rBV6	28732	55576	2.85%	0.299%
90	13.722	3849	3851	3853	rBV3	1492	719	0.04%	0.004%
91	13.790	3866	3872	3874	rBV7	2503	2817	0.14%	0.015%
92	14.105	3962	3970	3980	rBV	53312	87835	4.50%	0.473%
93	15.236	4313	4322	4332	rBV2	65626	103669	5.31%	0.558%
94	15.423	4371	4380	4390	rVB	91503	150084	7.69%	0.808%
95	15.966	4540	4549	4560	rVB	189172	288910	14.80%	1.555%
96	16.275	4634	4645	4668	rVB	338254	608586	31.18%	3.275%
97	16.423	4681	4691	4697	rBV	357090	573466	29.38%	3.086%
98	16.651	4746	4762	4781	rVB3	164629	424741	21.76%	2.286%
99	16.799	4800	4808	4817	rBV2	77183	126347	6.47%	0.680%
100	16.892	4829	4837	4850	rVB2	137854	221194	11.33%	1.190%

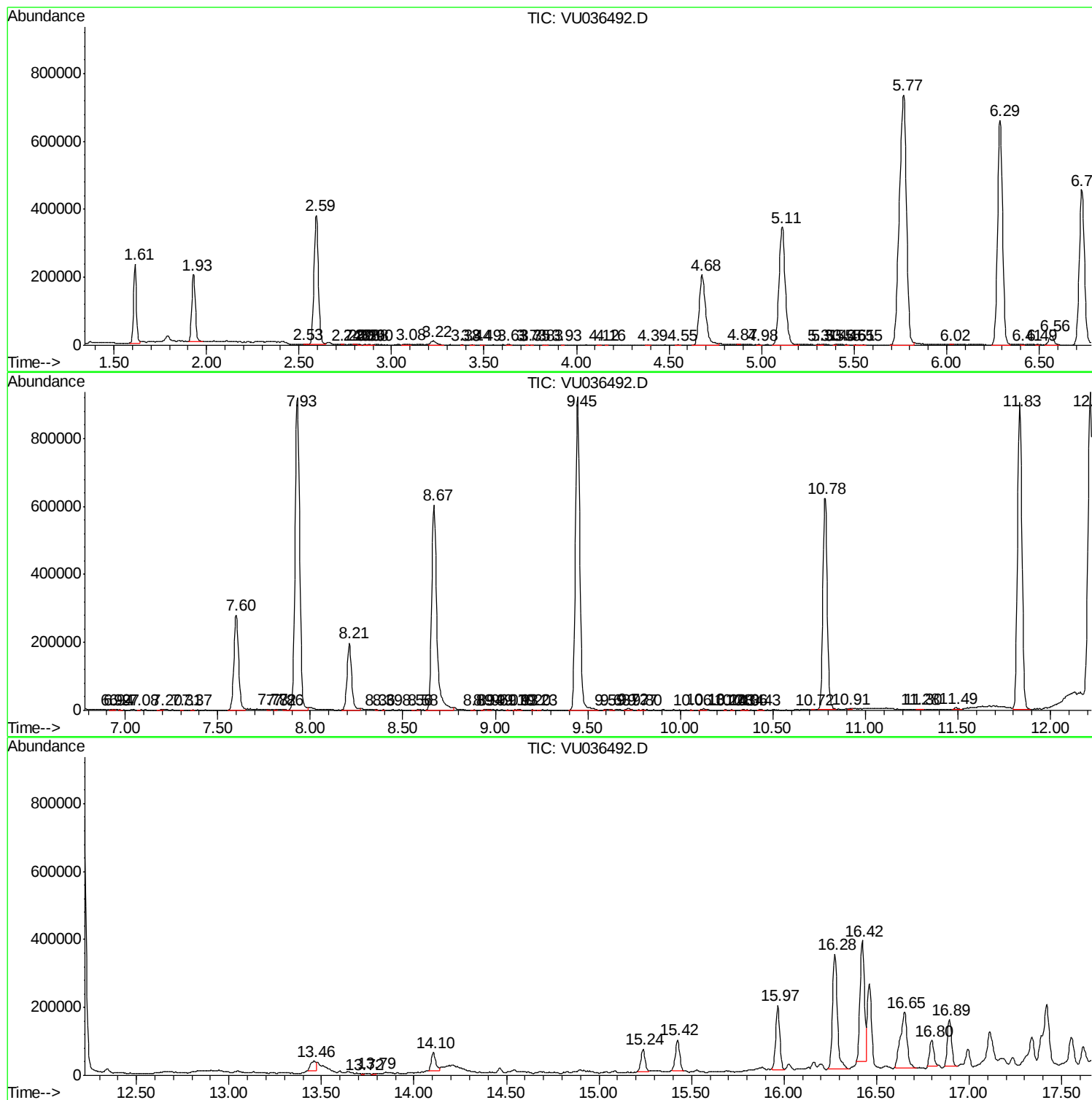
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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



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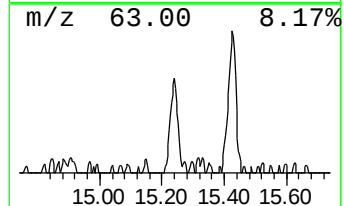
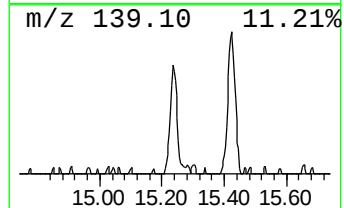
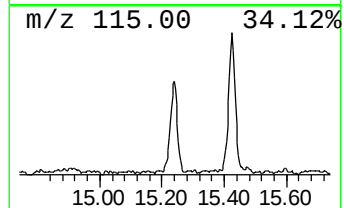
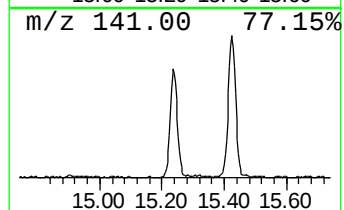
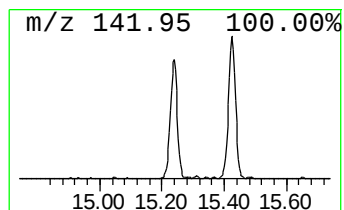
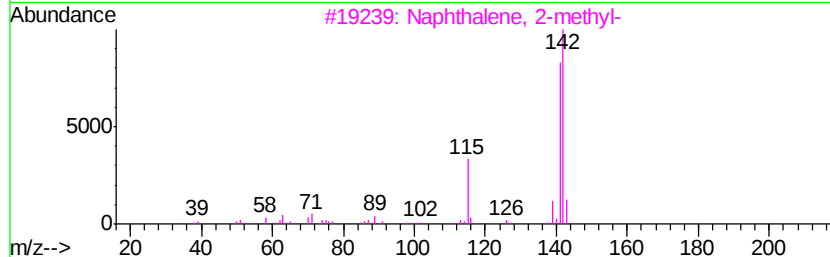
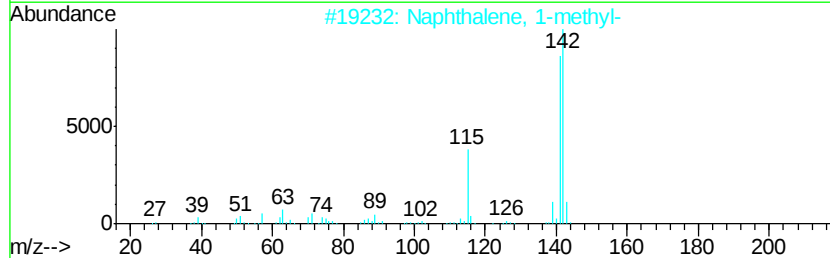
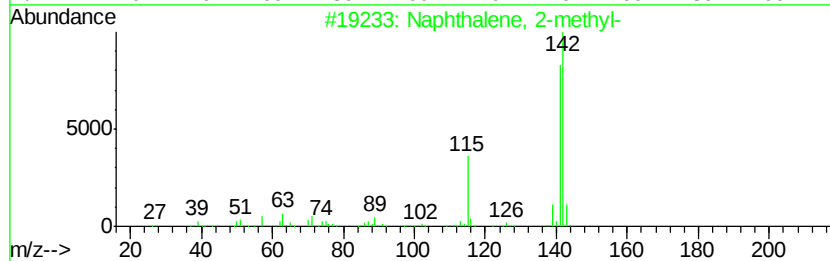
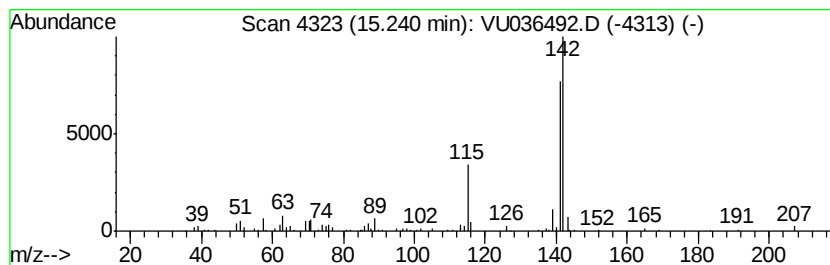
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	3.52 ug/L	103669	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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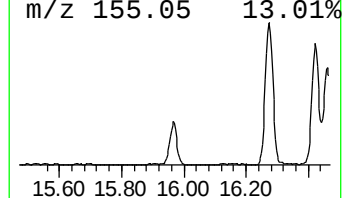
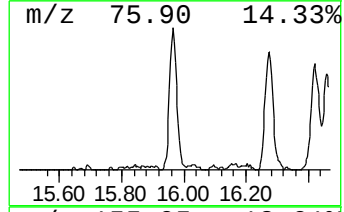
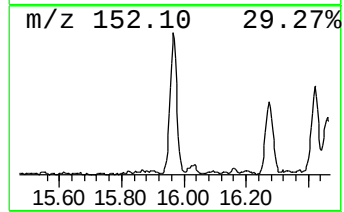
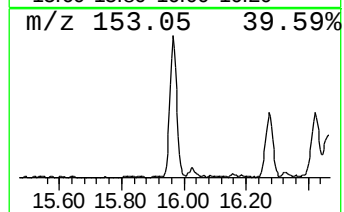
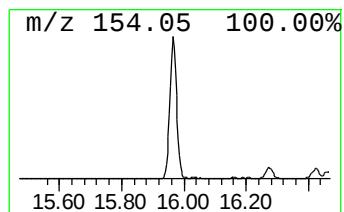
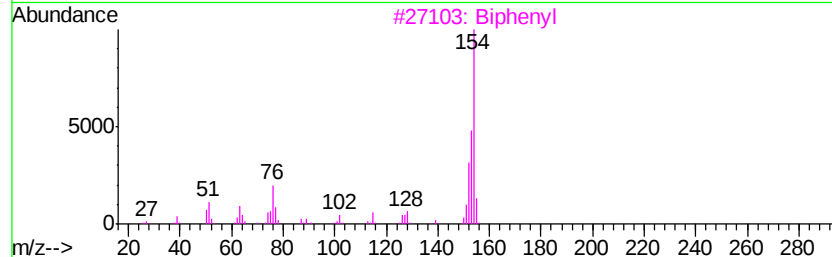
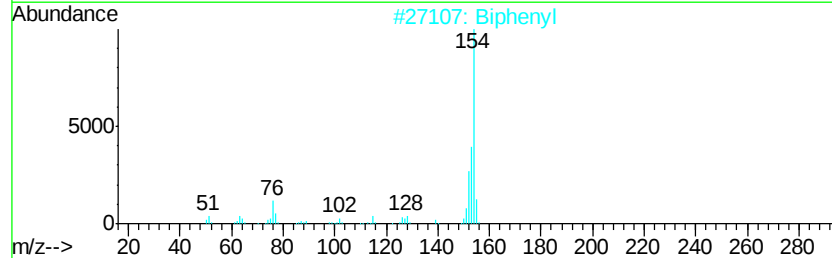
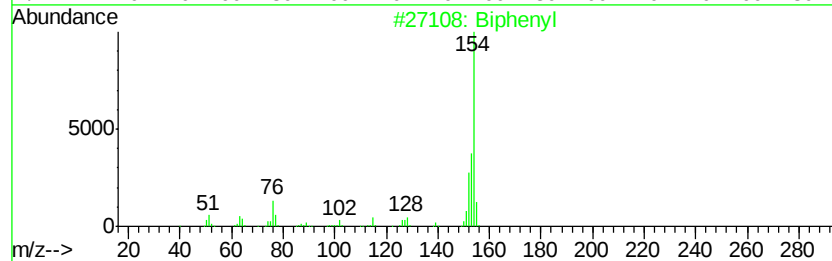
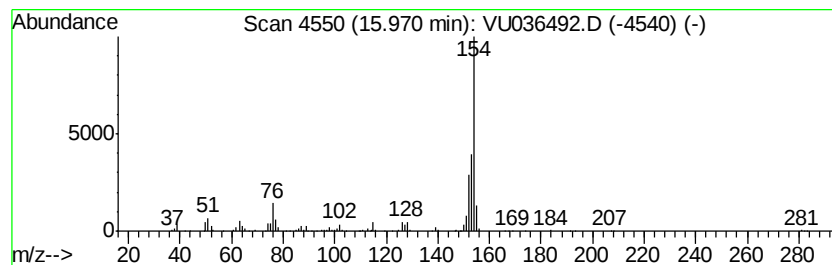
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	9.82 ug/L	288910	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl		154	C12H10	000092-52-4	94
2	Biphenyl		154	C12H10	000092-52-4	94
3	Biphenyl		154	C12H10	000092-52-4	93
4	Biphenyl		154	C12H10	000092-52-4	76
5	Biphenyl		154	C12H10	000092-52-4	76



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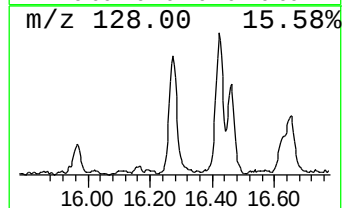
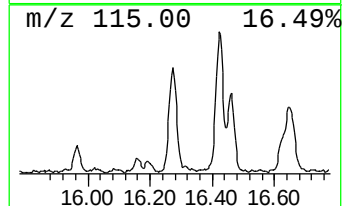
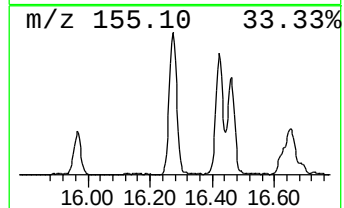
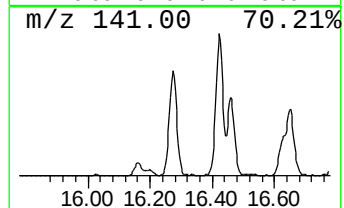
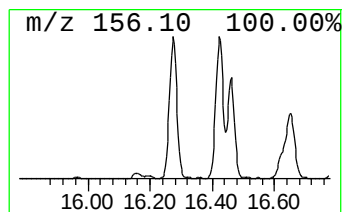
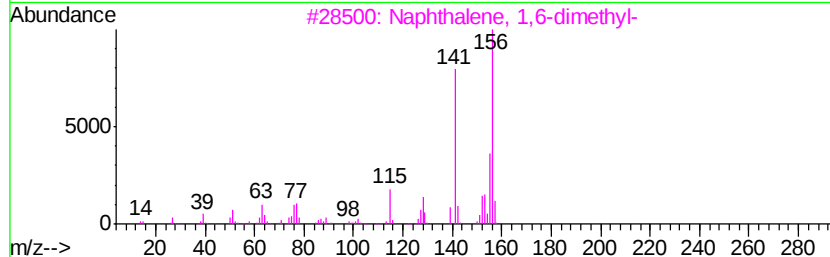
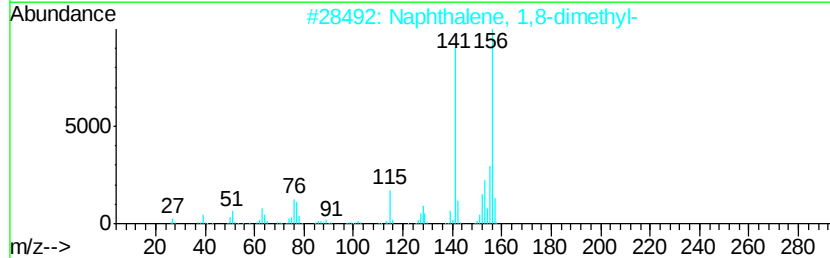
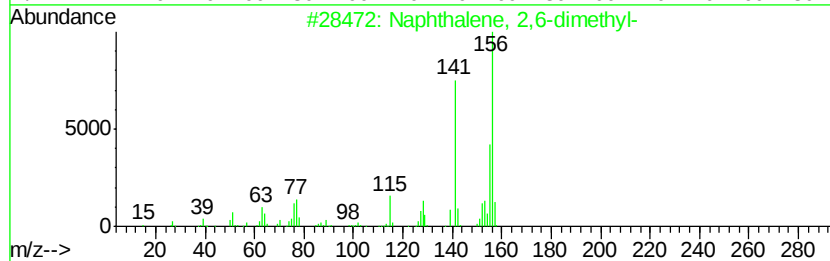
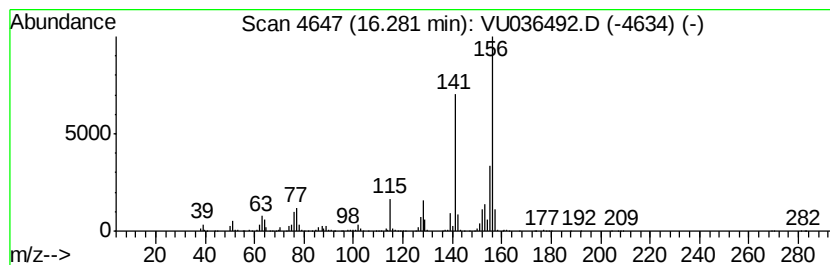
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	20.69 ug/L	608586	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 98
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
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Acq On : 16 Jan 2020 01:29
Operator : JC/MD
Sample : VIBLK45
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK45

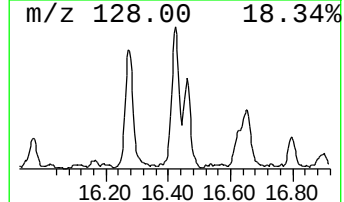
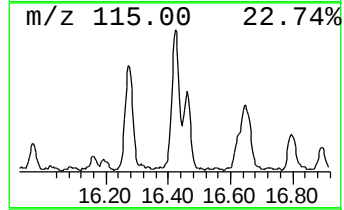
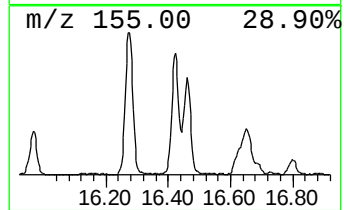
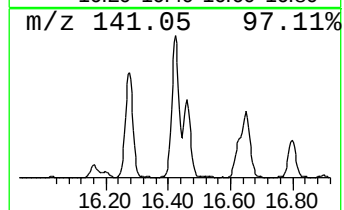
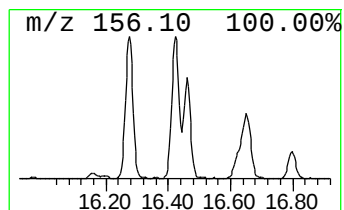
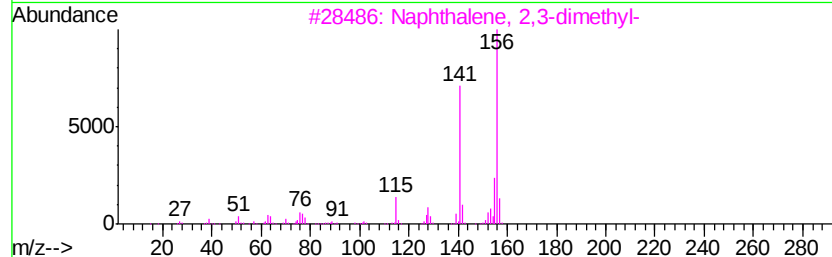
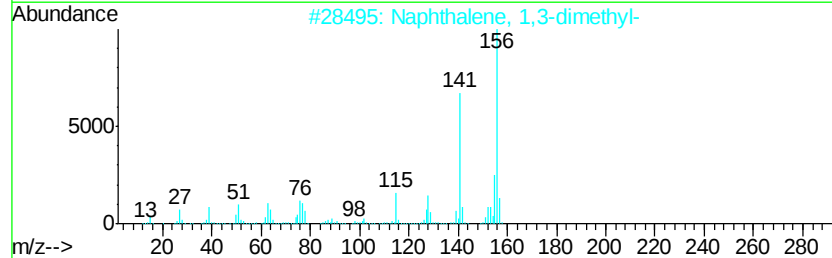
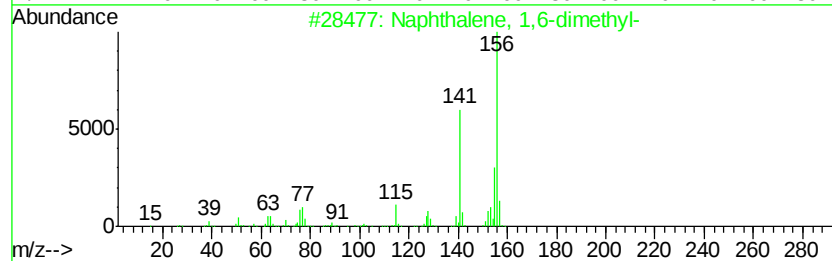
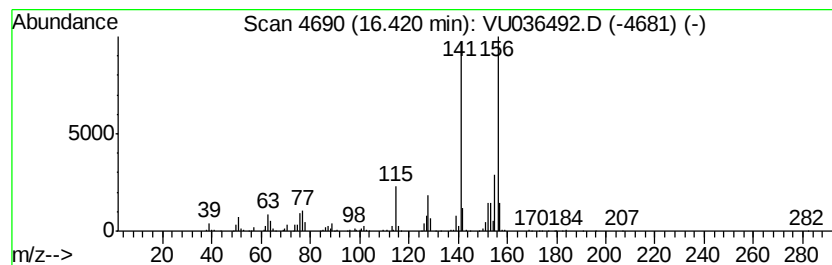
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	19.50 ug/L	573466	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036492.D
Acq On : 16 Jan 2020 01:29
Operator : JC/MD
Sample : VIBLK45
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

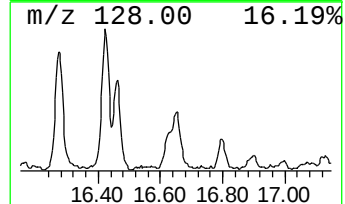
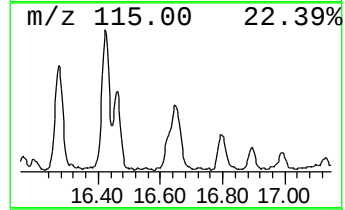
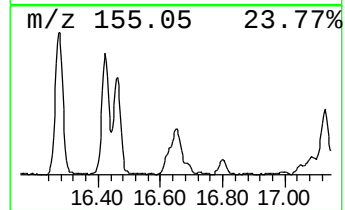
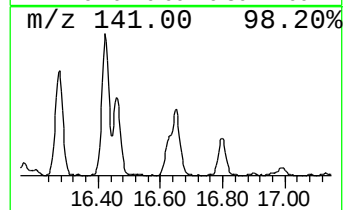
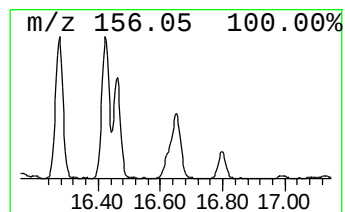
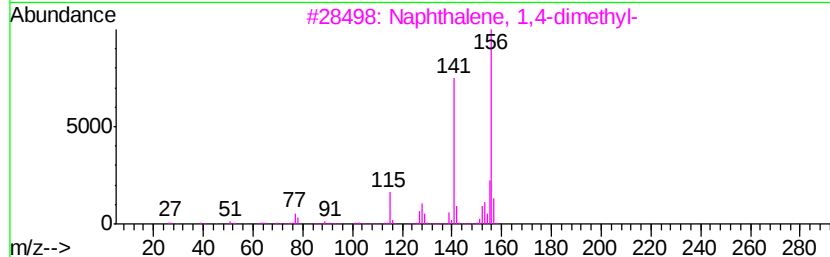
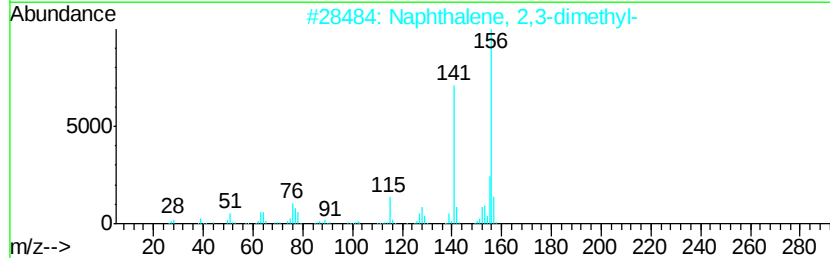
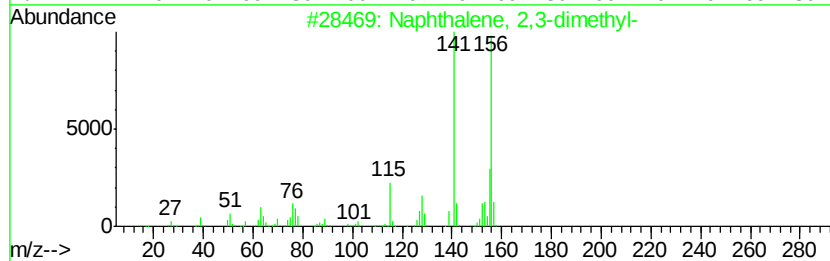
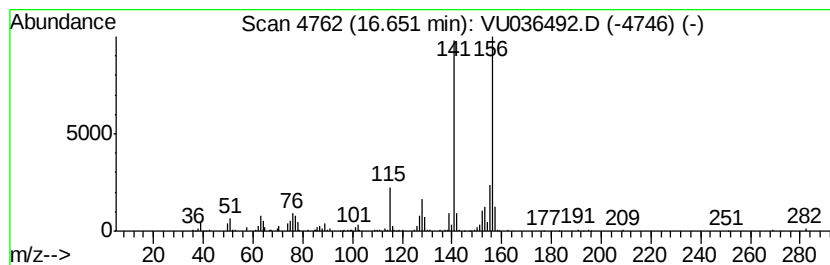
Instrument :
MSVOA_U
ClientSampleId :
VIBLK45

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	14.44 ug/L	424741	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036492.D
Acq On : 16 Jan 2020 01:29
Operator : JC/MD
Sample : VIBLK45
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

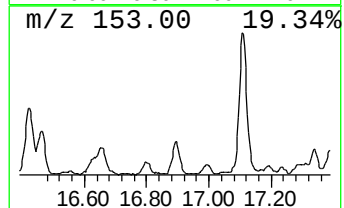
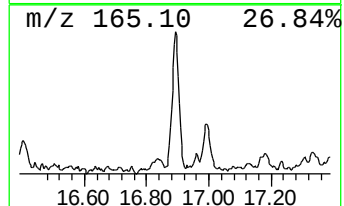
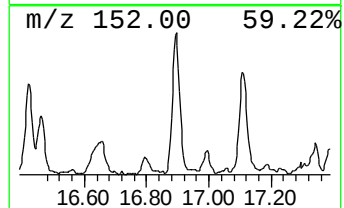
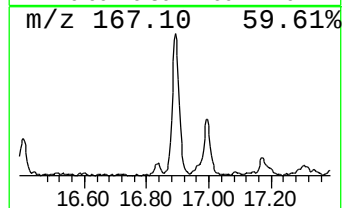
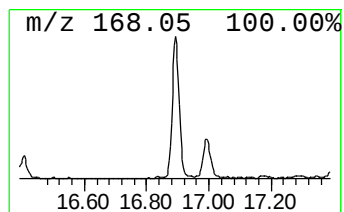
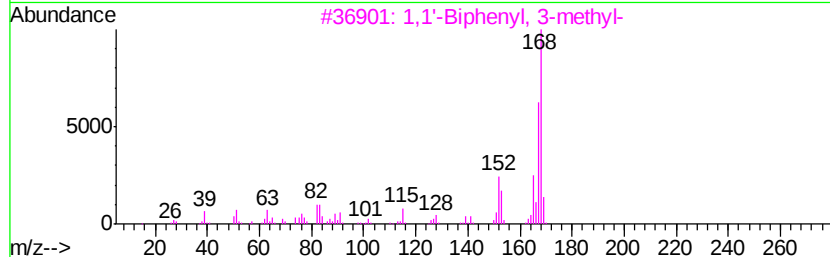
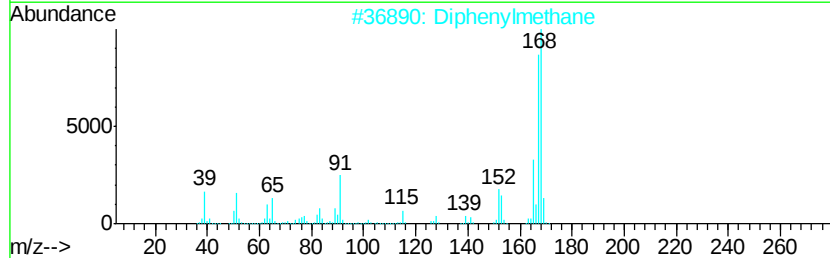
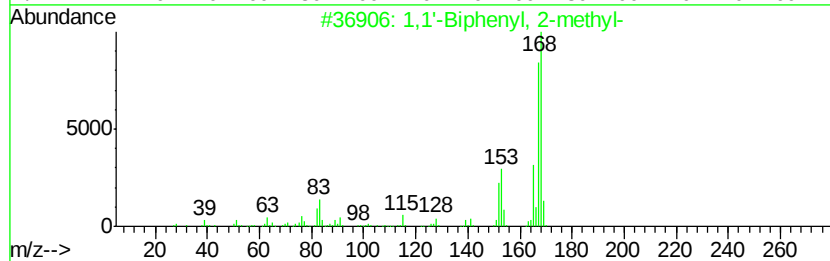
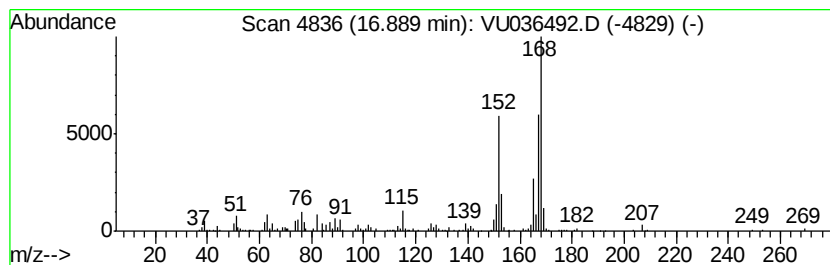
Instrument :
MSVOA_U
ClientSampleId :
VIBLK45

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.89	7.52 ug/L	221194	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
2	Diphenylmethane	168	C13H12	000101-81-5	64
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036492.D
Acq On : 16 Jan 2020 01:29
Operator : JC/MD
Sample : VIBLK45
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	15.24	3.5	ug/L	103669	3	11.83	1470720	50.0
Biphenyl	15.97	9.8	ug/L	288910	3	11.83	1470720	50.0
Naphthalene, 2,6-...	16.28	20.7	ug/L	608586	3	11.83	1470720	50.0
Naphthalene, 1,6-...	16.42	19.5	ug/L	573466	3	11.83	1470720	50.0
Naphthalene, 2,3-...	16.65	14.4	ug/L	424741	3	11.83	1470720	50.0
1,1'-Biphenyl, 2-...	16.89	7.5	ug/L	221194	3	11.83	1470720	50.0