

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036490.D
 Acq On : 16 Jan 2020 00:39
 Operator : JC/MD
 Sample : VIBLK44
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK44

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	78	85	97	rBV	231626	250877	12.58%	1.317%
2	1.932	176	184	194	rVB	204304	266590	13.37%	1.400%
3	2.594	377	390	403	rBV	396792	650178	32.60%	3.413%
4	2.816	458	459	462	rVV3	1042	615	0.03%	0.003%
5	2.880	476	479	482	rBV2	855	707	0.04%	0.004%
6	2.900	482	485	487	rVV2	1297	702	0.04%	0.004%
7	2.928	491	494	498	rVV2	961	727	0.04%	0.004%
8	2.967	504	506	512	rVB4	651	705	0.04%	0.004%
9	3.083	534	542	550	rVB6	3498	5612	0.28%	0.029%
10	3.224	575	586	590	rBV2	9957	17140	0.86%	0.090%
11	3.334	614	620	624	rVB4	749	654	0.03%	0.003%
12	3.954	808	813	815	rVV3	669	603	0.03%	0.003%
13	4.080	849	852	856	rVB	797	594	0.03%	0.003%
14	4.198	886	889	894	rVV2	619	699	0.04%	0.004%
15	4.231	896	899	905	rVV5	853	893	0.04%	0.005%
16	4.314	922	925	930	rVV2	741	680	0.03%	0.004%
17	4.404	947	953	957	rVV4	546	640	0.03%	0.003%
18	4.478	970	976	978	rBV2	907	694	0.03%	0.004%
19	4.491	978	980	986	rVB3	1010	991	0.05%	0.005%
20	4.520	986	989	991	rBV2	864	605	0.03%	0.003%
21	4.575	1001	1006	1009	rVB4	600	581	0.03%	0.003%
22	4.597	1009	1013	1016	rVB3	1028	671	0.03%	0.004%
23	4.620	1016	1020	1022	rBV3	897	621	0.03%	0.003%
24	4.678	1022	1038	1063	rBV	206276	503277	25.24%	2.642%
25	4.909	1107	1110	1113	rBV3	793	571	0.03%	0.003%
26	5.002	1134	1139	1144	rBV4	814	789	0.04%	0.004%
27	5.112	1155	1173	1192	rBV	362809	817992	41.02%	4.294%
28	5.414	1263	1267	1268	rBV3	1230	786	0.04%	0.004%
29	5.575	1315	1317	1320	rVV	905	514	0.03%	0.003%
30	5.642	1334	1338	1340	rBV	644	506	0.03%	0.003%
31	5.768	1355	1377	1399	rBV2	749988	1994161	100.00%	10.469%
32	5.977	1440	1442	1445	rVB2	1437	644	0.03%	0.003%
33	5.996	1445	1448	1450	rBV2	988	552	0.03%	0.003%
34	6.288	1524	1539	1559	rBV	662192	1245648	62.46%	6.539%

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

35	6.565	1614	1625	1637	rVB3	24967	45593	2.29%	0.239%
36	6.729	1661	1676	1699	rBV2	464723	926159	46.44%	4.862%
37	6.838	1707	1710	1712	rBV2	1153	874	0.04%	0.005%
38	7.012	1762	1764	1768	rVB3	1070	568	0.03%	0.003%
39	7.153	1804	1808	1811	rVB3	834	694	0.03%	0.004%
40	7.179	1811	1816	1817	rBV	953	754	0.04%	0.004%
41	7.211	1822	1826	1828	rBV3	1373	1135	0.06%	0.006%
42	7.272	1842	1845	1850	rVV2	750	689	0.03%	0.004%
43	7.366	1871	1874	1879	rVB3	812	806	0.04%	0.004%
44	7.401	1879	1885	1886	rBV2	841	611	0.03%	0.003%
45	7.520	1918	1922	1925	rBV2	824	695	0.03%	0.004%
46	7.600	1933	1947	1964	rBV	283257	505517	25.35%	2.654%
47	7.816	2007	2014	2015	rBV4	826	868	0.04%	0.005%
48	7.829	2015	2018	2027	rVB6	2090	2180	0.11%	0.011%
49	7.931	2035	2050	2068	rBV	937078	1633150	81.90%	8.574%
50	8.211	2125	2137	2157	rVV	202786	346233	17.36%	1.818%
51	8.423	2199	2203	2207	rVB2	1354	1338	0.07%	0.007%
52	8.452	2207	2212	2215	rBV3	1350	1470	0.07%	0.008%
53	8.575	2245	2250	2251	rVV3	1262	1030	0.05%	0.005%
54	8.591	2253	2255	2259	rVV5	2097	1347	0.07%	0.007%
55	8.668	2264	2279	2324	rVV	585623	1163130	58.33%	6.106%
56	8.832	2327	2330	2334	rVB4	1607	1189	0.06%	0.006%
57	8.857	2336	2338	2345	rVB5	1044	1179	0.06%	0.006%
58	8.919	2353	2357	2360	rBV5	921	604	0.03%	0.003%
59	9.050	2394	2398	2402	rBV3	842	806	0.04%	0.004%
60	9.111	2413	2417	2419	rVV3	790	630	0.03%	0.003%
61	9.192	2437	2442	2445	rBV4	1338	992	0.05%	0.005%
62	9.349	2488	2491	2495	rVB3	626	566	0.03%	0.003%
63	9.446	2506	2521	2541	rBV	911566	1515722	76.01%	7.957%
64	9.600	2562	2569	2571	rBV7	1761	2073	0.10%	0.011%
65	9.722	2597	2607	2615	rVV3	7064	11252	0.56%	0.059%
66	9.771	2617	2622	2627	rVV6	948	904	0.05%	0.005%
67	9.954	2675	2679	2681	rBV	905	764	0.04%	0.004%
68	10.128	2722	2733	2734	rBV7	4580	5245	0.26%	0.028%
69	10.234	2762	2766	2771	rBV5	1192	1366	0.07%	0.007%
70	10.272	2773	2778	2780	rBV4	767	678	0.03%	0.004%
71	10.378	2805	2811	2816	rBV4	944	1041	0.05%	0.005%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	10.494	2842	2847	2848	rVV4	840	686	0.03%	0.004%
73	10.504	2848	2850	2855	rVV4	916	760	0.04%	0.004%
74	10.616	2880	2885	2887	rBV4	635	664	0.03%	0.003%
75	10.648	2892	2895	2898	rBV3	931	655	0.03%	0.003%
76	10.681	2903	2905	2908	rVV3	1007	729	0.04%	0.004%
77	10.697	2908	2910	2913	rVV2	1024	520	0.03%	0.003%
78	10.716	2913	2916	2918	rVB2	1017	595	0.03%	0.003%
79	10.780	2924	2936	2953	rBV	647788	1062982	53.30%	5.580%
80	11.131	3033	3045	3055	rVB	8414	20325	1.02%	0.107%
81	11.237	3075	3078	3082	rVB4	1966	1187	0.06%	0.006%
82	11.304	3096	3099	3102	rBV4	1521	1445	0.07%	0.008%
83	11.439	3134	3141	3148	rBV7	2348	2970	0.15%	0.016%
84	11.491	3148	3157	3168	rBV3	11460	17111	0.86%	0.090%
85	11.558	3174	3178	3182	rBV6	3225	3016	0.15%	0.016%
86	11.835	3252	3264	3281	rVB	870835	1431962	71.81%	7.517%
87	12.214	3372	3382	3398	rVB	912704	1543729	77.41%	8.104%
88	12.340	3416	3421	3432	rVB4	24892	39657	1.99%	0.208%
89	12.587	3496	3498	3500	rBV2	2659	1575	0.08%	0.008%
90	13.449	3758	3766	3771	rBV4	31943	51921	2.60%	0.273%
91	14.105	3962	3970	3983	rVB	90259	138771	6.96%	0.729%
92	14.465	4076	4082	4088	rVB3	16651	21380	1.07%	0.112%
93	15.237	4312	4322	4338	rBV	213815	341155	17.11%	1.791%
94	15.423	4369	4380	4399	rVB	327528	550244	27.59%	2.889%
95	15.967	4540	4549	4561	rVB	152895	239706	12.02%	1.258%
96	16.275	4634	4645	4666	rVB	284270	507881	25.47%	2.666%
97	16.423	4681	4691	4697	rBV	314203	510081	25.58%	2.678%
98	16.648	4749	4761	4782	rVB3	115962	278387	13.96%	1.461%
99	16.799	4801	4808	4823	rVB2	71245	115238	5.78%	0.605%
100	16.896	4829	4838	4850	rVB2	131424	215164	10.79%	1.130%

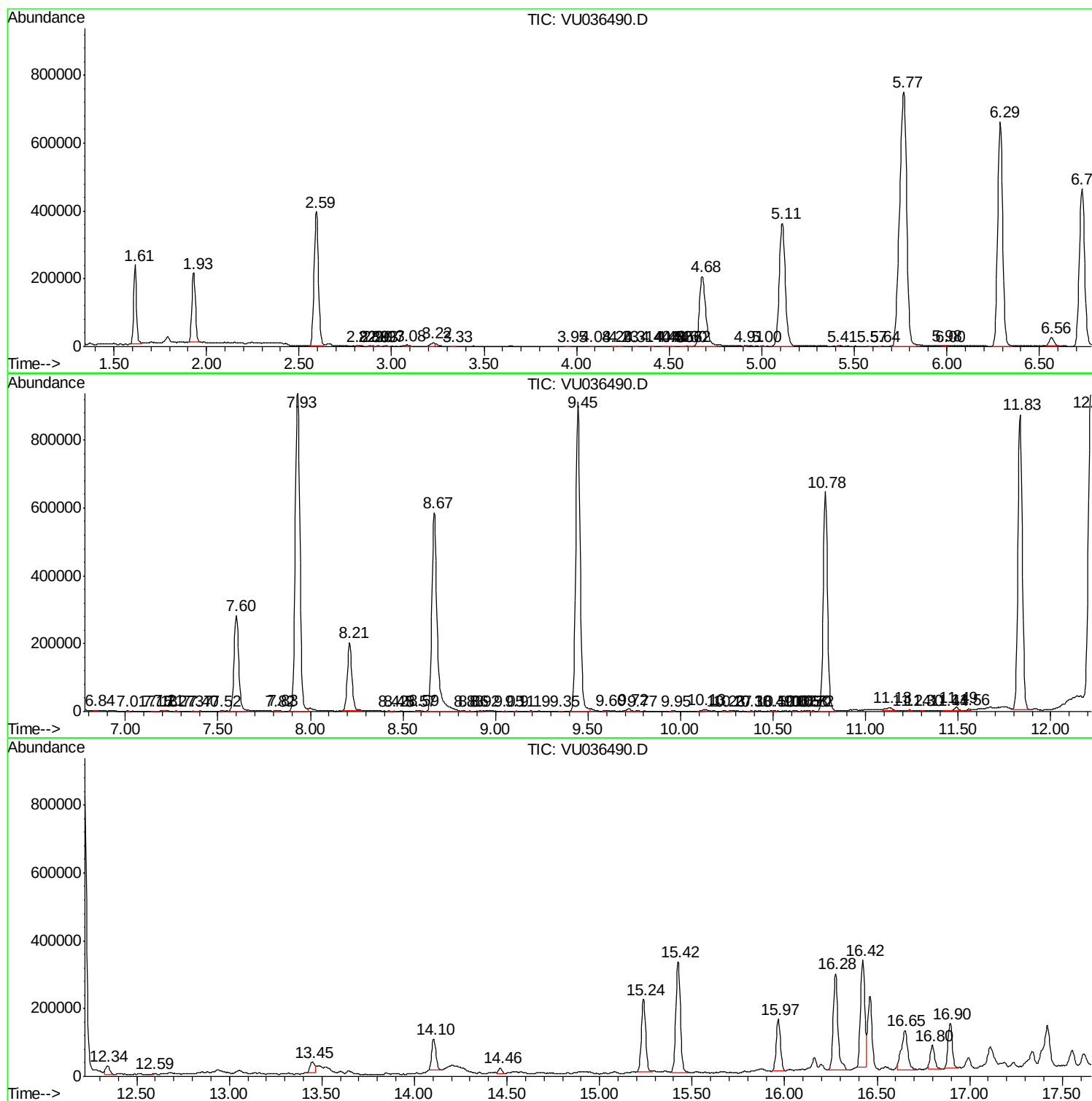
Sum of corrected areas: 19048567

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
VIBLK44

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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Instrument :
MSVOA_U
ClientSampleId :
VIBLK44

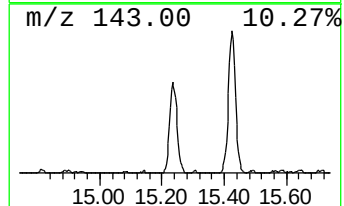
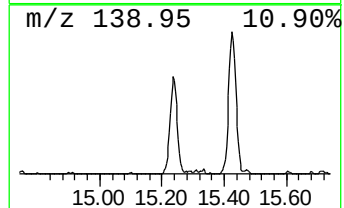
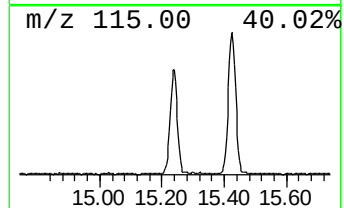
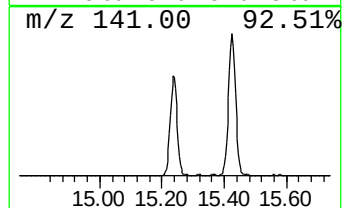
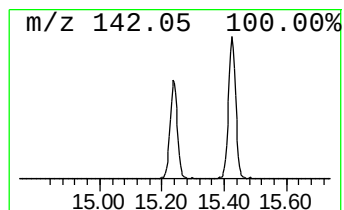
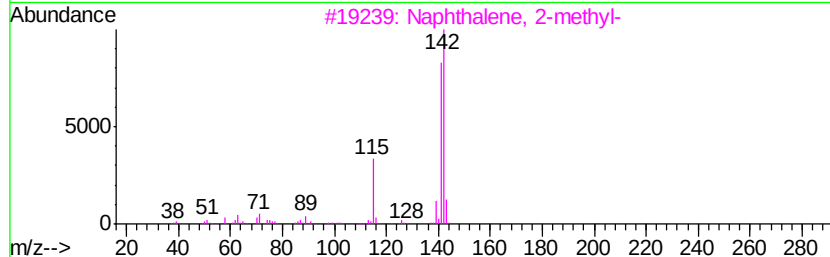
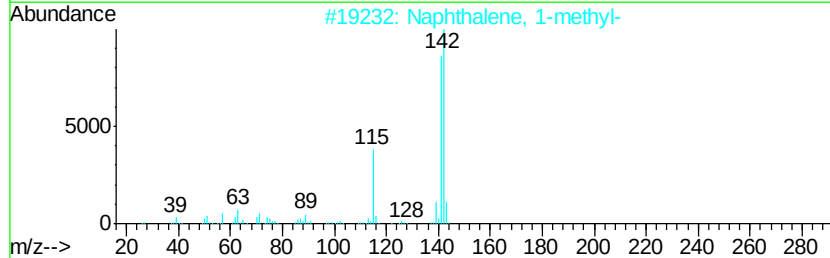
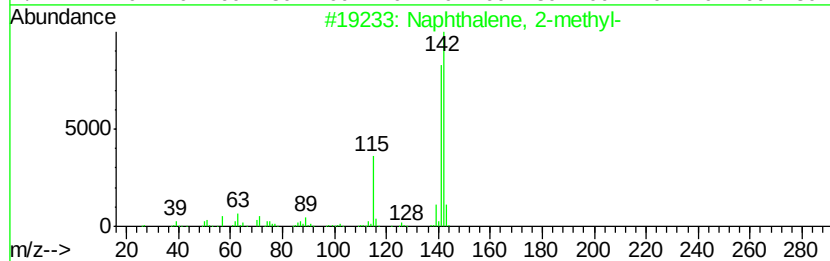
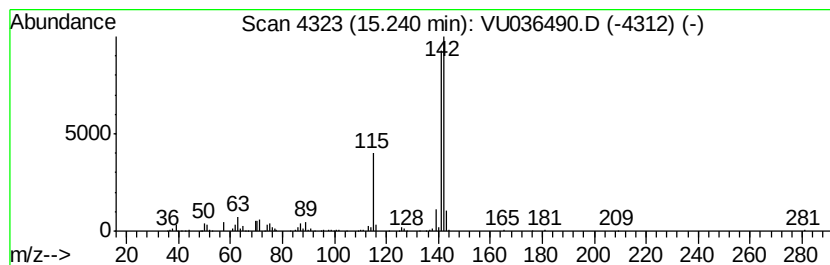
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	11.91 ug/L	341155	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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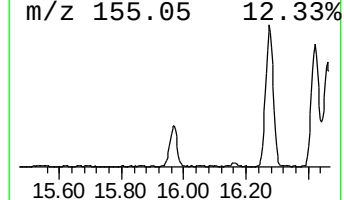
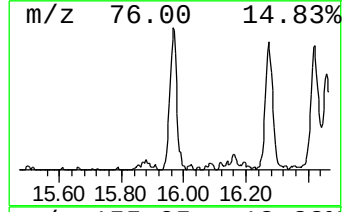
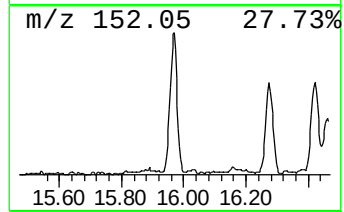
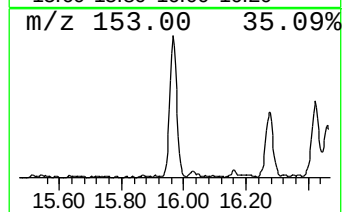
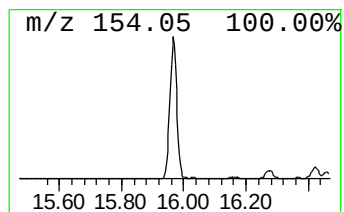
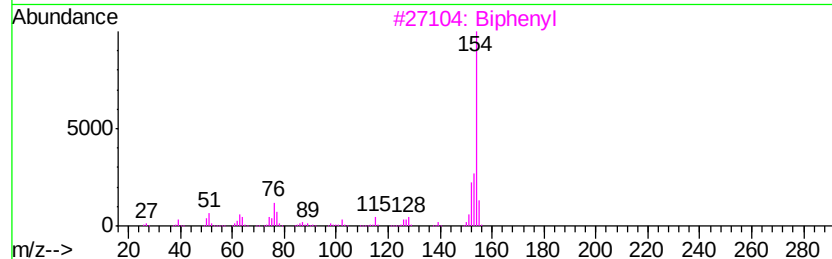
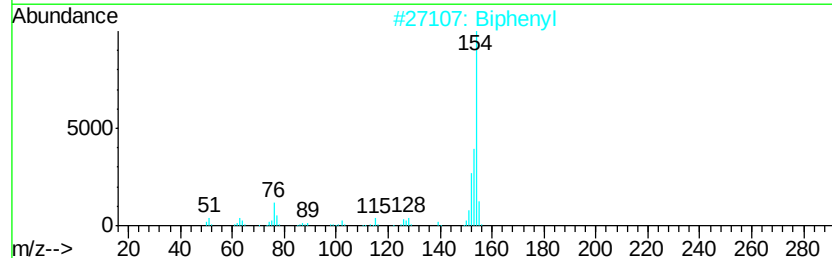
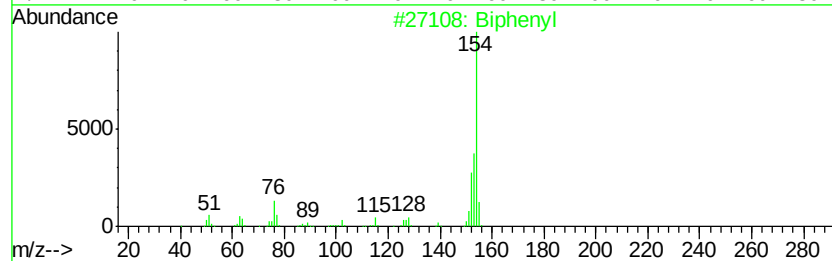
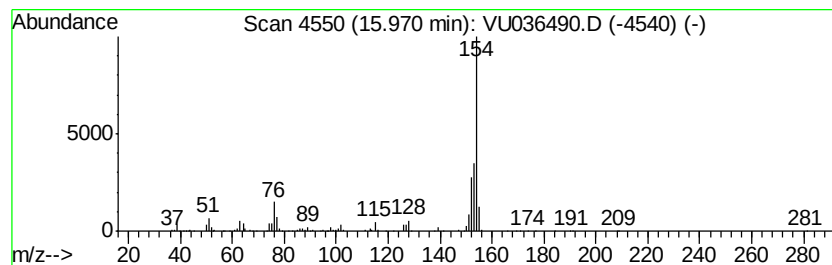
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	8.37 ug/L	239706	1,4-Dichlorobenzene-d4	11.83

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	95
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	93
5	Biphenyl	154	C12H10	000092-52-4	91



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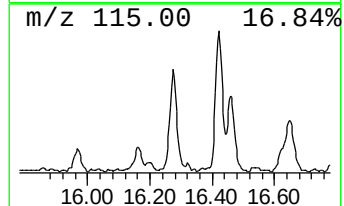
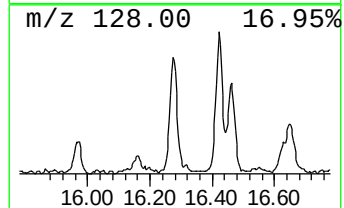
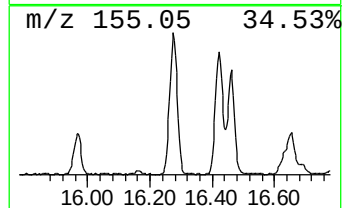
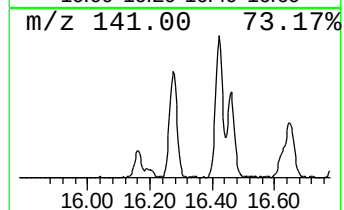
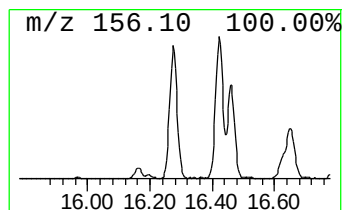
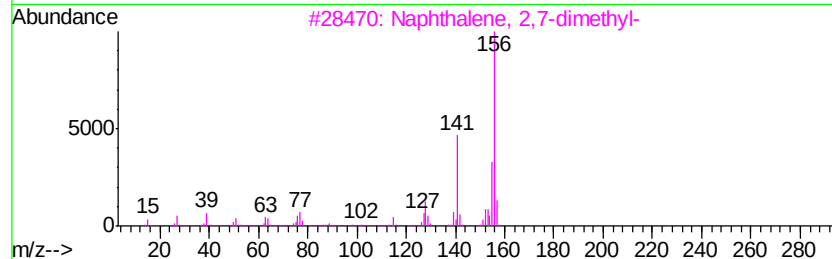
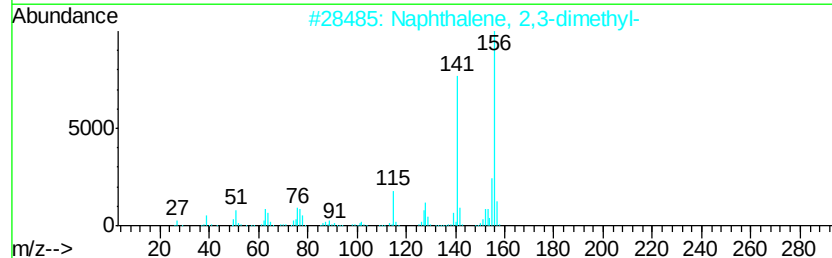
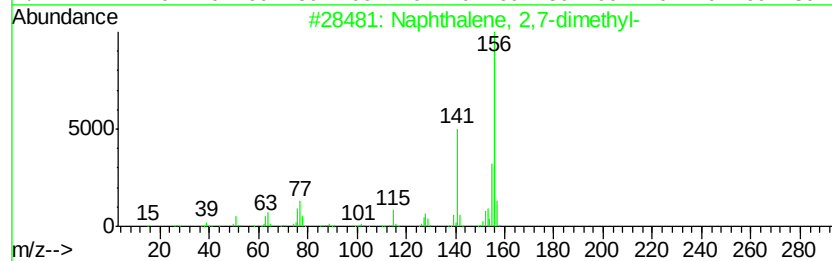
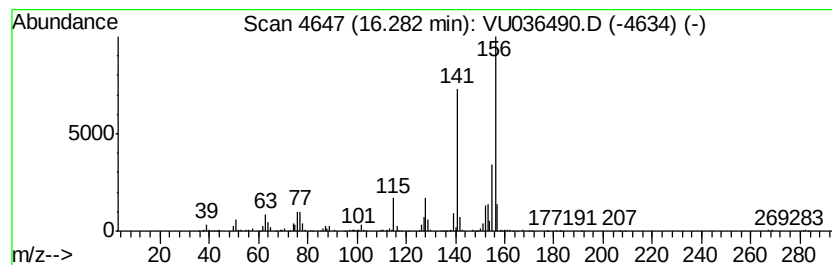
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	17.73 ug/L	507881	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036490.D
Acq On : 16 Jan 2020 00:39
Operator : JC/MD
Sample : VIBLK44
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK44

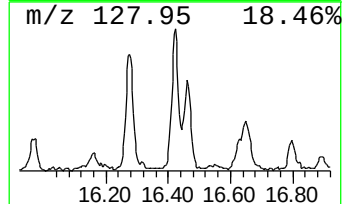
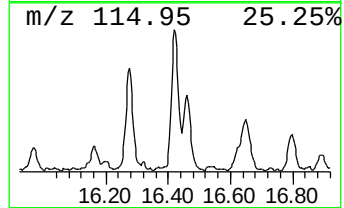
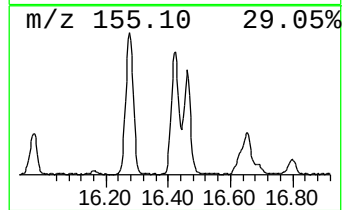
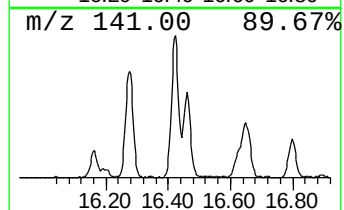
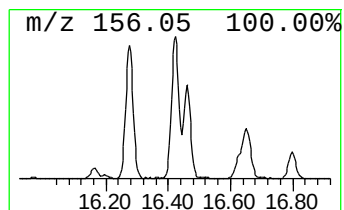
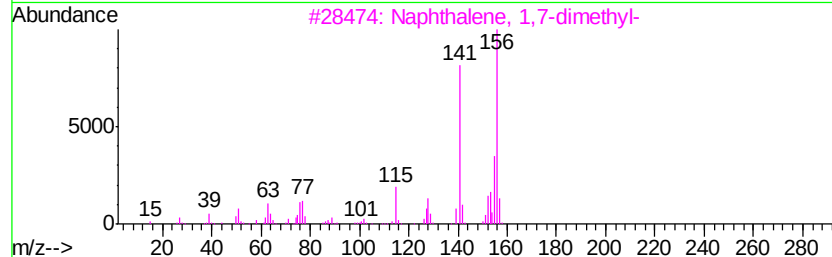
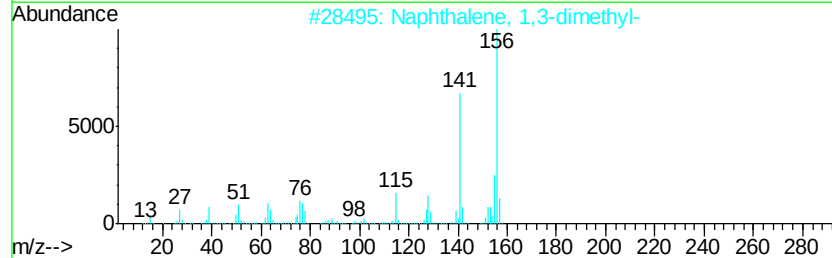
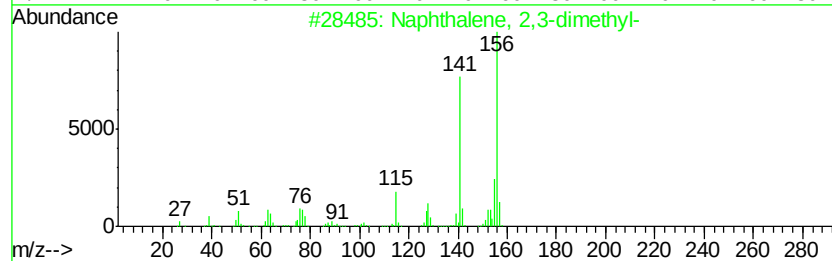
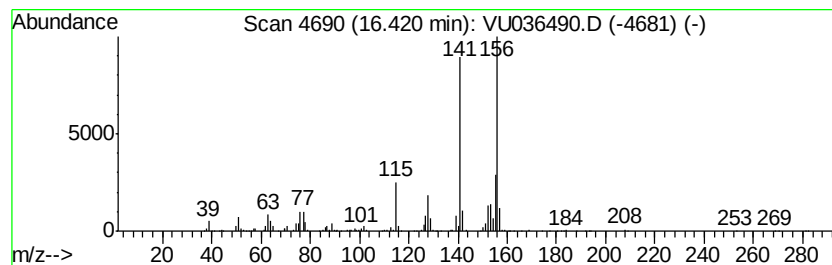
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	17.81 ug/L	510081	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036490.D
Acq On : 16 Jan 2020 00:39
Operator : JC/MD
Sample : VIBLK44
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK44

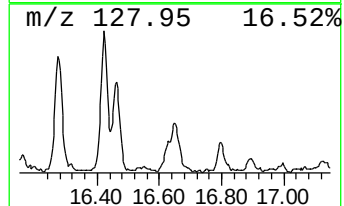
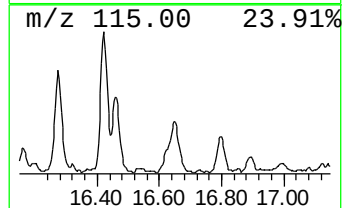
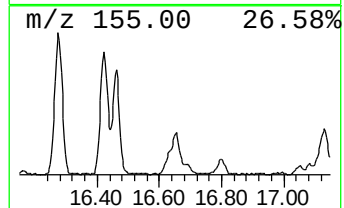
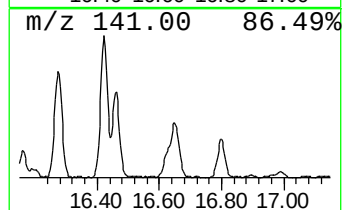
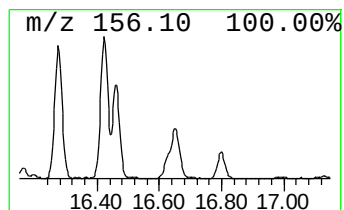
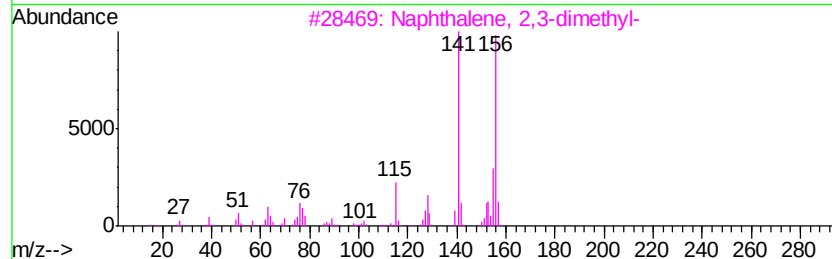
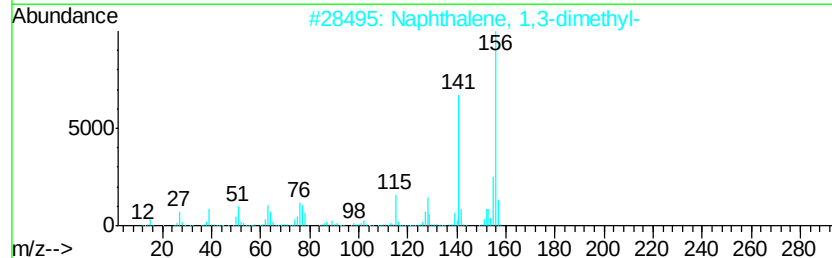
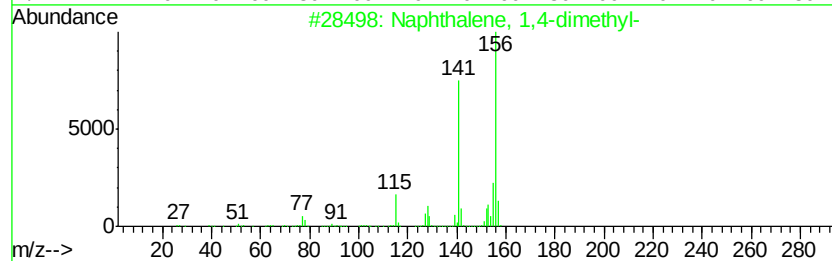
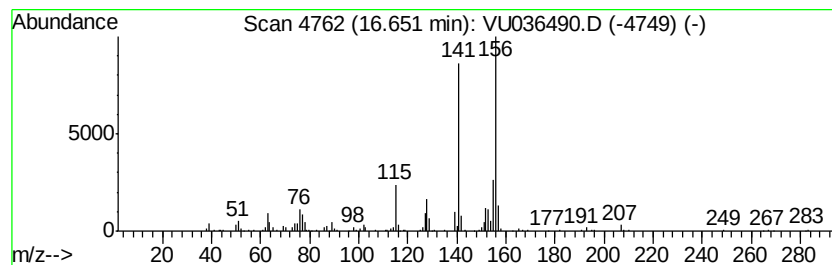
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	9.72 ug/L	278387	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036490.D
Acq On : 16 Jan 2020 00:39
Operator : JC/MD
Sample : VIBLK44
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK44

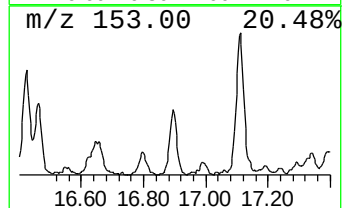
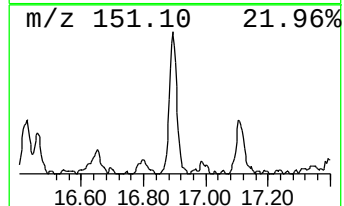
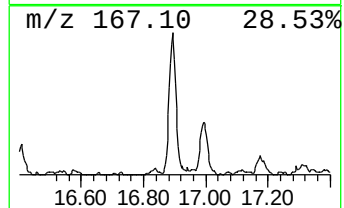
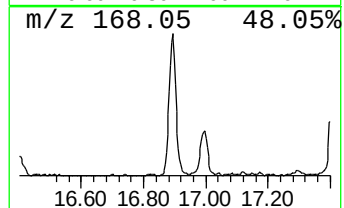
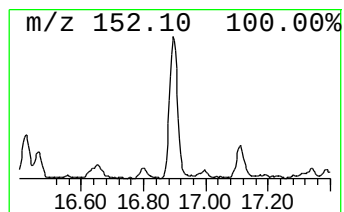
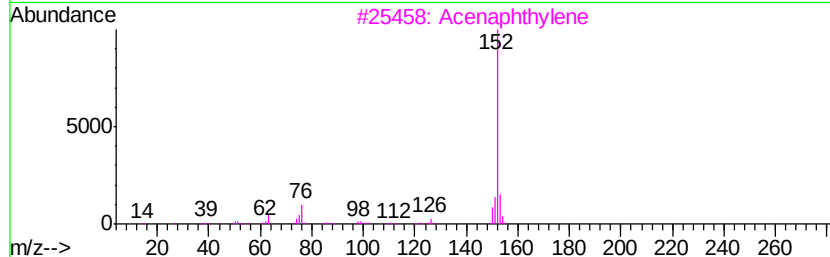
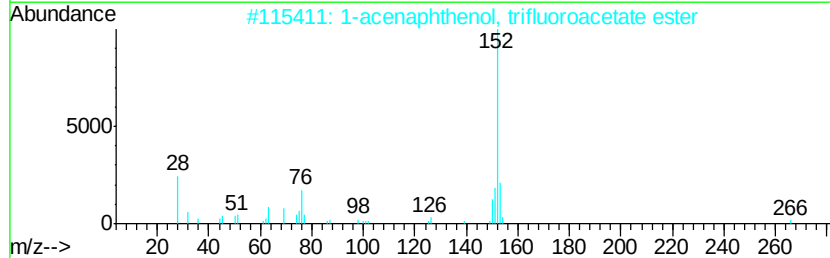
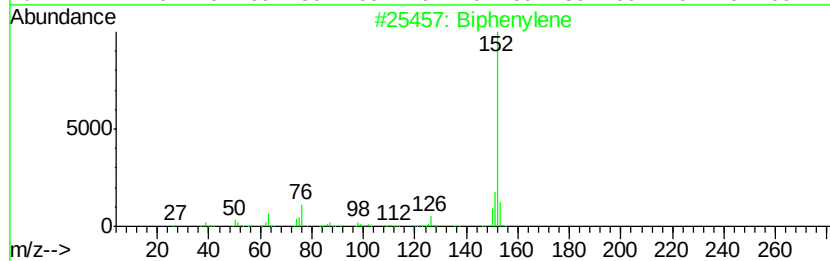
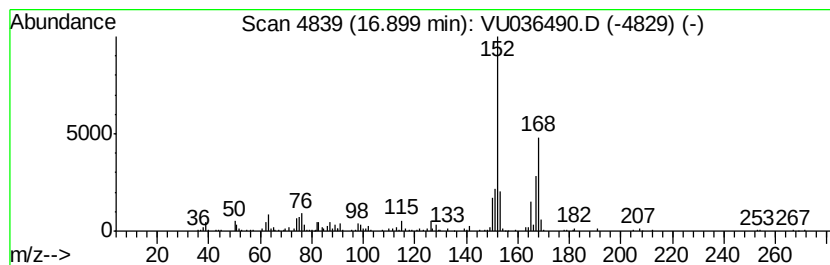
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Biphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	7.51 ug/L	215164	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	60
2		1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	49
3		Acenaphthylene	152	C12H8	000208-96-8	49
4		Biphenylene	152	C12H8	000259-79-0	46
5		Acenaphthylene	152	C12H8	000208-96-8	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036490.D
Acq On : 16 Jan 2020 00:39
Operator : JC/MD
Sample : VIBLK44
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK44

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	11.9	ug/L	341155	3	11.83	1431960	50.0
Biphenyl	15.97	8.4	ug/L	239706	3	11.83	1431960	50.0
Naphthalene, 2,7-...	16.28	17.7	ug/L	507881	3	11.83	1431960	50.0
Naphthalene, 2,3-...	16.42	17.8	ug/L	510081	3	11.83	1431960	50.0
Naphthalene, 1,4-...	16.65	9.7	ug/L	278387	3	11.83	1431960	50.0
Biphenylene	16.90	7.5	ug/L	215164	3	11.83	1431960	50.0