

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006362.D
 Acq On : 25 Oct 2018 14:13
 Operator : SY/AP
 Sample : J5657-02
 Misc : 5.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J9

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_W\METHOD\SOM2WLM100918S.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	2.154	39	41	44	rBV2	1007	1130	0.02%	0.006%
2	2.355	68	74	89	rBV	55235	118584	1.71%	0.671%
3	2.898	156	163	179	rVB	46050	122821	1.77%	0.695%
4	3.593	270	277	278	rBV2	7503	15626	0.23%	0.088%
5	3.818	310	314	315	rBV2	638	569	0.01%	0.003%
6	3.855	315	320	323	rVV4	780	1688	0.02%	0.010%
7	4.013	334	346	359	rVV	112952	327734	4.72%	1.854%
8	4.129	360	365	377	rVB	9543	28846	0.42%	0.163%
9	4.403	405	410	411	rBV3	639	867	0.01%	0.005%
10	4.605	438	443	449	rBV5	870	1822	0.03%	0.010%
11	4.653	449	451	453	rBV2	372	394	0.01%	0.002%
12	4.909	484	493	506	rVV2	4158	14648	0.21%	0.083%
13	5.190	537	539	542	rVV2	308	430	0.01%	0.002%
14	5.306	555	558	560	rBV2	338	301	0.00%	0.002%
15	5.428	576	578	579	rVV2	446	293	0.00%	0.002%
16	5.781	633	636	638	rVV2	231	294	0.00%	0.002%
17	5.909	655	657	658	rVV	596	479	0.01%	0.003%
18	5.946	658	663	669	rVV5	1648	4211	0.06%	0.024%
19	6.129	691	693	700	rVV3	321	553	0.01%	0.003%
20	6.982	829	833	834	rBV2	444	391	0.01%	0.002%
21	7.092	841	851	856	rBV2	35163	95945	1.38%	0.543%
22	7.488	913	916	918	rVB2	301	399	0.01%	0.002%
23	7.525	918	922	923	rBV2	551	617	0.01%	0.003%
24	7.549	923	926	931	rVB4	499	934	0.01%	0.005%
25	7.653	931	943	957	rVB	170144	421215	6.07%	2.382%
26	8.281	1035	1046	1064	rBV2	323087	973790	14.03%	5.508%
27	8.409	1064	1067	1070	rVB2	347	425	0.01%	0.002%
28	8.586	1093	1096	1099	rBV3	210	316	0.00%	0.002%
29	8.628	1101	1103	1109	rVB2	444	564	0.01%	0.003%
30	8.707	1109	1116	1124	rBV3	2183	4866	0.07%	0.028%
31	8.848	1130	1139	1150	rBV	391485	788300	11.36%	4.459%
32	9.055	1168	1173	1174	rBV4	704	983	0.01%	0.006%
33	9.153	1185	1189	1191	rBV2	341	439	0.01%	0.002%
34	9.281	1201	1210	1219	rBV	224201	449505	6.48%	2.543%

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 Title : VOC Analysis

35	9.659	1267	1272	1278	rBV4	1303	2533	0.04%	0.014%
36	9.872	1304	1307	1311	rBB3	361	544	0.01%	0.003%
37	9.963	1320	1322	1325	rVB2	375	335	0.00%	0.002%
38	10.037	1325	1334	1342	rBV	115315	203606	2.93%	1.152%
39	10.097	1342	1344	1345	rVV	439	384	0.01%	0.002%
40	10.128	1345	1349	1355	rVB5	987	1895	0.03%	0.011%
41	10.195	1355	1360	1363	rBV4	323	676	0.01%	0.004%
42	10.329	1373	1382	1389	rBV	468261	837015	12.06%	4.734%
43	10.390	1389	1392	1398	rVB	6043	8764	0.13%	0.050%
44	10.512	1409	1412	1416	rVB5	801	944	0.01%	0.005%
45	10.579	1416	1423	1431	rBV	73683	127197	1.83%	0.719%
46	10.634	1431	1432	1436	rVB3	718	737	0.01%	0.004%
47	10.671	1436	1438	1439	rBV2	520	442	0.01%	0.003%
48	10.707	1439	1444	1450	rVV2	3636	6622	0.10%	0.037%
49	10.847	1464	1467	1469	rBV3	402	545	0.01%	0.003%
50	10.927	1474	1480	1490	rBV	139140	235445	3.39%	1.332%
51	11.030	1492	1497	1502	rBV3	10518	16659	0.24%	0.094%
52	11.170	1517	1520	1522	rBV4	468	455	0.01%	0.003%
53	11.451	1530	1566	1590	rBV3	70142	712483	10.27%	4.030%
54	11.634	1590	1596	1607	rVB	542787	920502	13.26%	5.207%
55	11.841	1625	1630	1635	rVB5	1975	3689	0.05%	0.021%
56	12.079	1667	1669	1671	rBV3	504	499	0.01%	0.003%
57	12.164	1680	1683	1688	rBV5	1073	1529	0.02%	0.009%
58	12.243	1694	1696	1700	rBV4	321	295	0.00%	0.002%
59	12.335	1708	1711	1712	rBV2	522	571	0.01%	0.003%
60	12.396	1719	1721	1724	rVB3	306	379	0.01%	0.002%
61	12.420	1724	1725	1728	rBV3	394	400	0.01%	0.002%
62	12.451	1728	1730	1731	rVV2	431	383	0.01%	0.002%
63	12.463	1731	1732	1738	rVV5	997	1496	0.02%	0.008%
64	12.567	1742	1749	1753	rVV2	6948	14253	0.21%	0.081%
65	12.615	1753	1757	1762	rVV	9918	16722	0.24%	0.095%
66	12.695	1763	1770	1778	rVV	210659	351017	5.06%	1.985%
67	12.762	1778	1781	1786	rVB5	814	1519	0.02%	0.009%
68	12.890	1792	1802	1803	rBV3	1253	2483	0.04%	0.014%
69	12.945	1807	1811	1821	rVB7	3275	6790	0.10%	0.038%
70	13.115	1836	1839	1841	rBV3	804	974	0.01%	0.006%
71	13.164	1845	1847	1850	rVB4	801	860	0.01%	0.005%

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72	13.255	1858	1862	1866	rBV4	1707	3044	0.04%	0.017%
73	13.353	1875	1878	1880	rBV4	1349	2050	0.03%	0.012%
74	13.377	1880	1882	1883	rBV2	1254	925	0.01%	0.005%
75	13.505	1897	1903	1906	rBV2	10470	18261	0.26%	0.103%
76	13.566	1906	1913	1925	rVB2	514295	944223	13.61%	5.341%
77	13.749	1936	1943	1944	rBV4	2900	4912	0.07%	0.028%
78	13.859	1954	1961	1974	rVB	416309	672981	9.70%	3.807%
79	13.957	1974	1977	1980	rBV3	822	1132	0.02%	0.006%
80	14.048	1989	1992	1993	rBV3	461	518	0.01%	0.003%
81	14.078	1993	1997	2010	rVB3	7722	17667	0.25%	0.100%
82	14.200	2014	2017	2019	rBV4	1318	1952	0.03%	0.011%
83	14.377	2033	2046	2054	rBV4	8135	25766	0.37%	0.146%
84	14.530	2056	2071	2096	rBV	2099594	6939977	100.00%	39.254%
85	14.786	2106	2113	2122	rBV3	29429	83121	1.20%	0.470%
86	14.908	2122	2133	2152	rVB	597324	1650618	23.78%	9.336%
87	15.078	2159	2161	2164	rVB3	1760	1959	0.03%	0.011%
88	15.139	2167	2171	2178	rVB2	5484	9624	0.14%	0.054%
89	15.334	2201	2203	2207	rVB4	796	938	0.01%	0.005%
90	15.377	2207	2210	2213	rBV4	1031	1363	0.02%	0.008%
91	15.408	2213	2215	2217	rBV2	550	455	0.01%	0.003%
92	15.511	2227	2232	2237	rBV2	2478	4604	0.07%	0.026%
93	15.566	2239	2241	2248	rVB6	1740	3039	0.04%	0.017%
94	15.865	2286	2290	2292	rBV5	1141	1832	0.03%	0.010%
95	16.182	2336	2342	2346	rBV4	10202	19499	0.28%	0.110%
96	16.237	2346	2351	2354	rBV	19810	41660	0.60%	0.236%
97	16.432	2376	2383	2386	rBV2	21992	46425	0.67%	0.263%
98	16.480	2387	2391	2401	rVB7	37271	103456	1.49%	0.585%
99	16.615	2409	2413	2418	rVB3	4715	7940	0.11%	0.045%
100	16.743	2419	2434	2441	rBV5	42916	208073	3.00%	1.177%

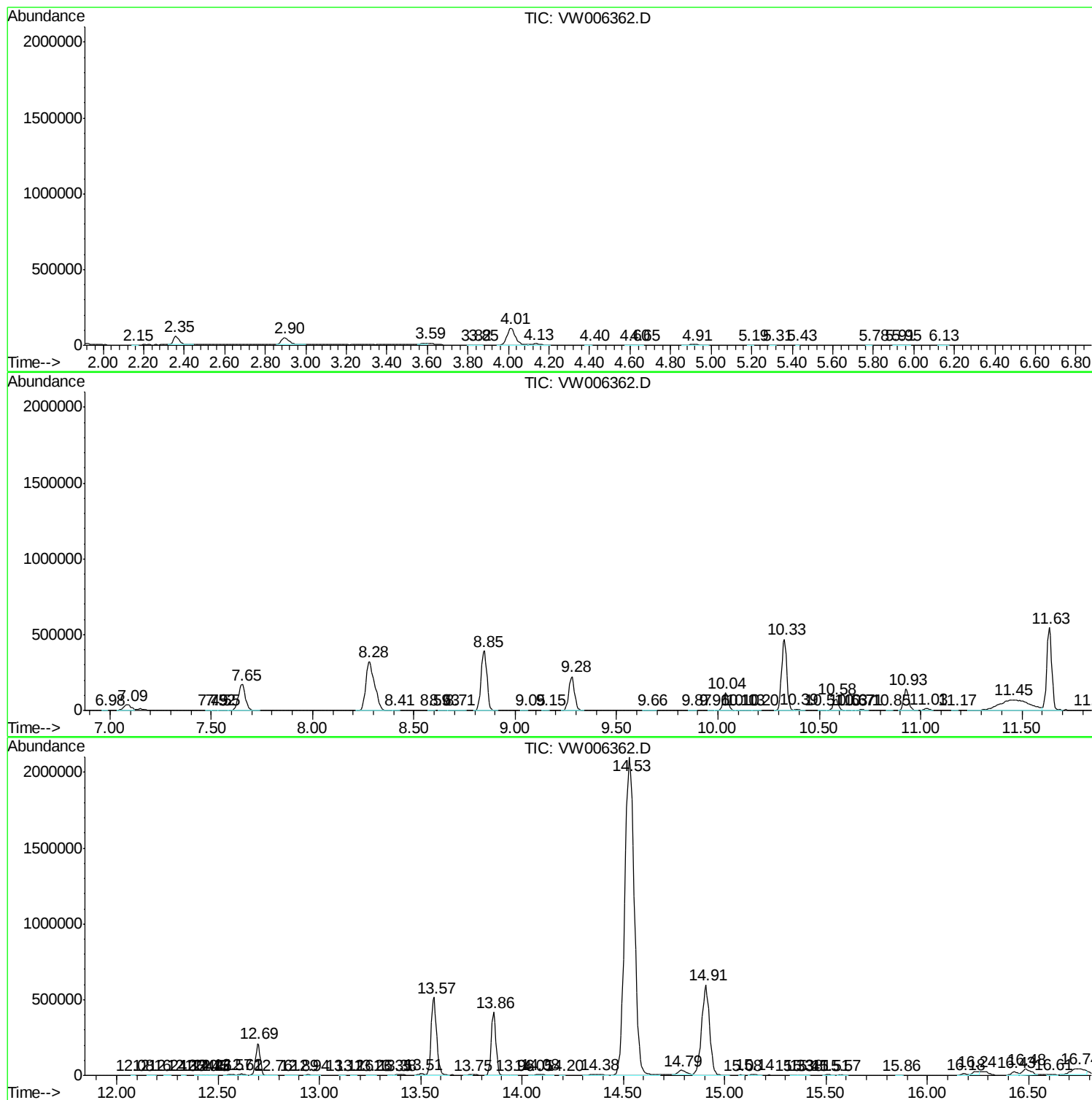
Sum of corrected areas: 17679635

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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ClientSampled :
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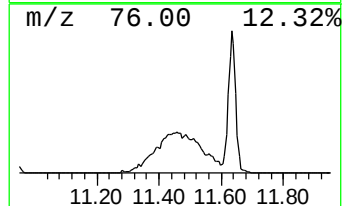
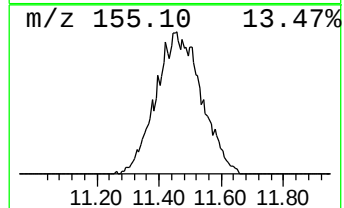
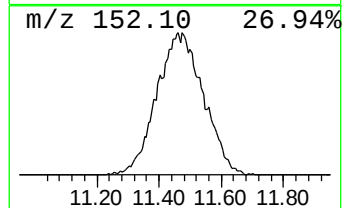
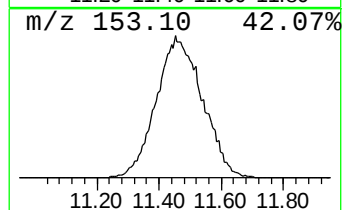
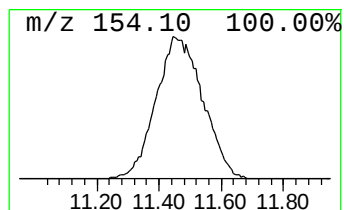
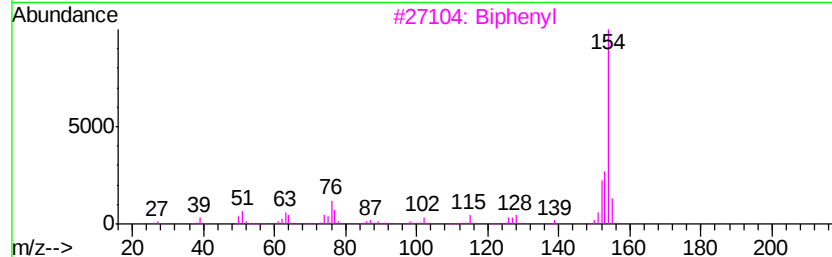
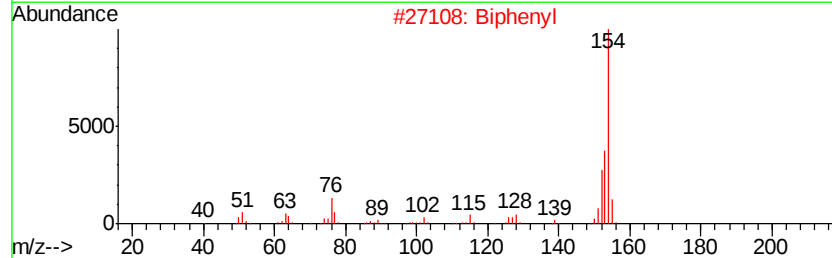
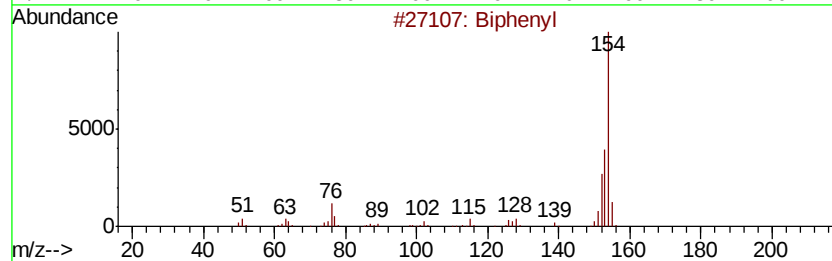
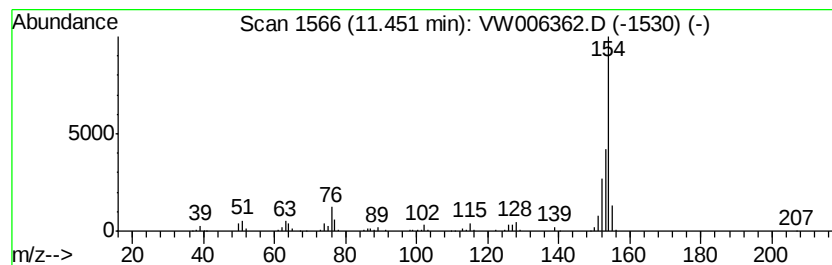
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 2 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	19.35 ug/L	712483	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	95
2		Biphenyl	154	C12H10	000092-52-4	95
3		Biphenyl	154	C12H10	000092-52-4	94
4		Biphenyl	154	C12H10	000092-52-4	91
5		Biphenyl	154	C12H10	000092-52-4	87



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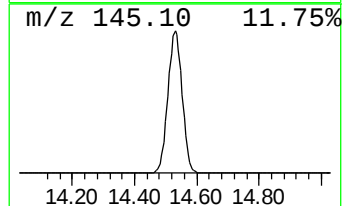
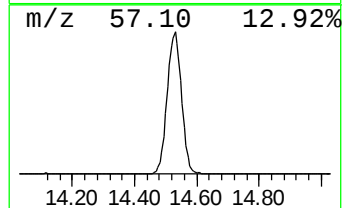
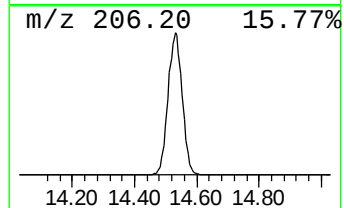
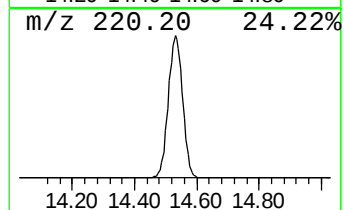
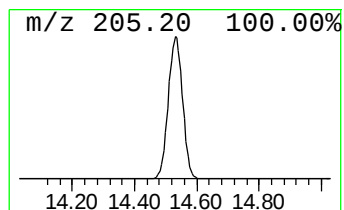
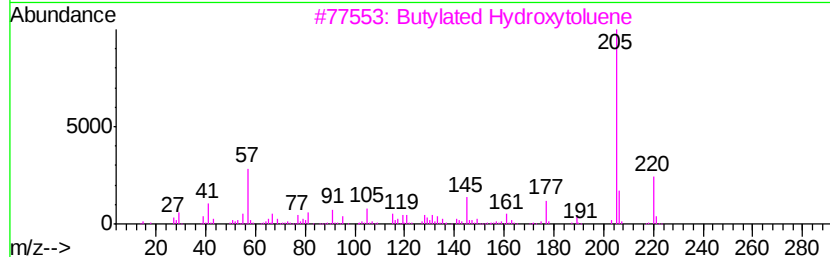
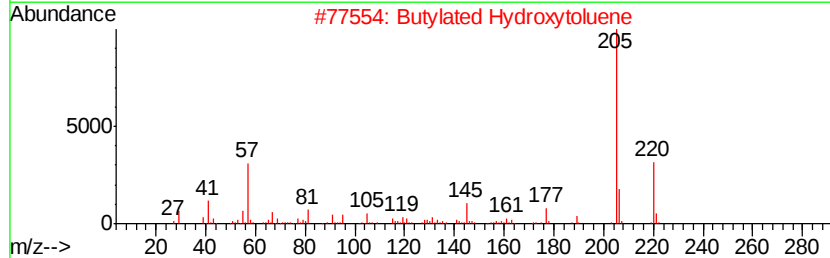
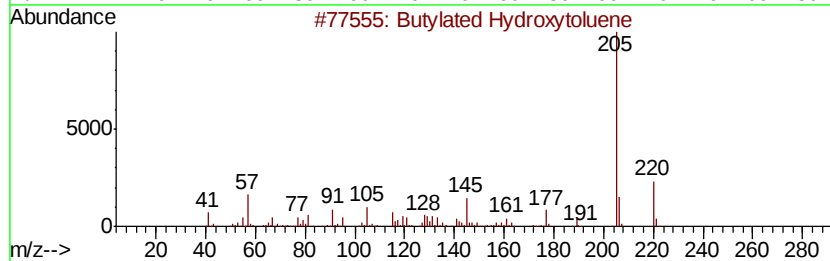
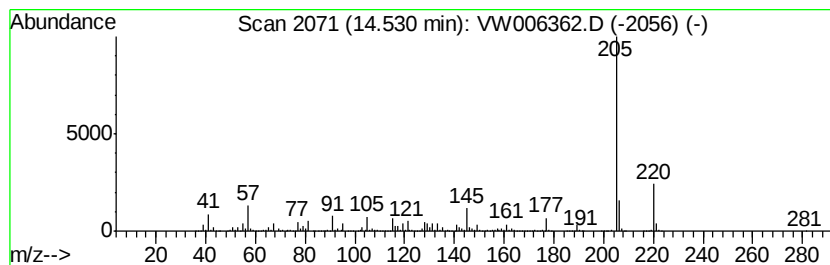
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Quant Title : VOC Analysis

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

Peak Number 3 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	183.75 ug/L	6939980	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5		Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	81



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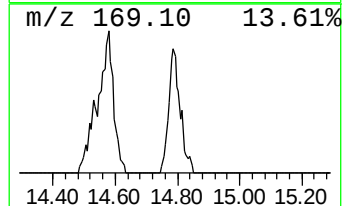
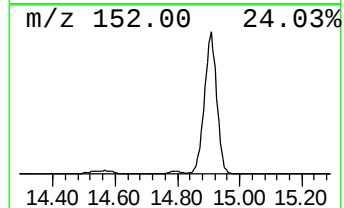
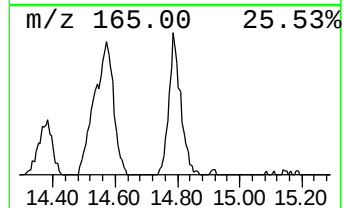
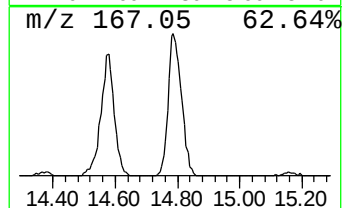
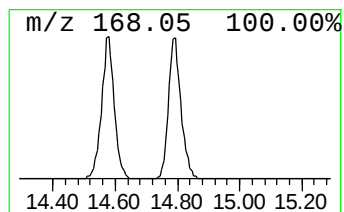
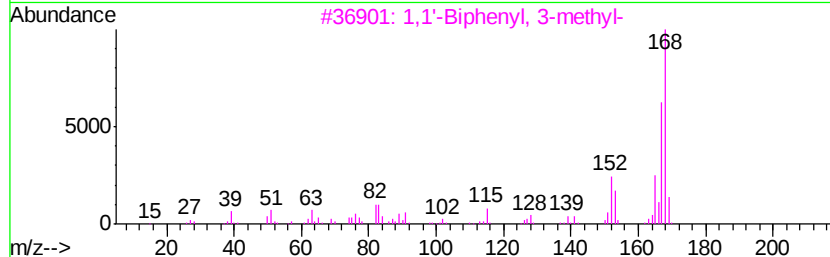
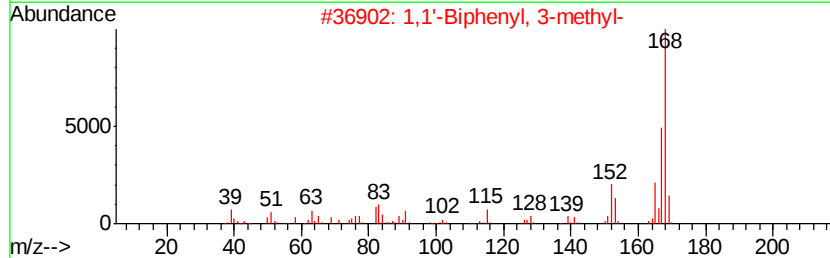
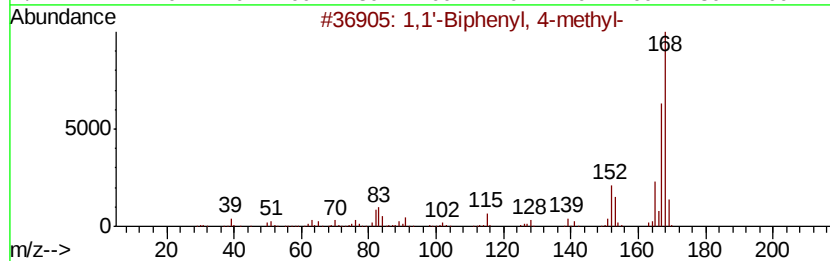
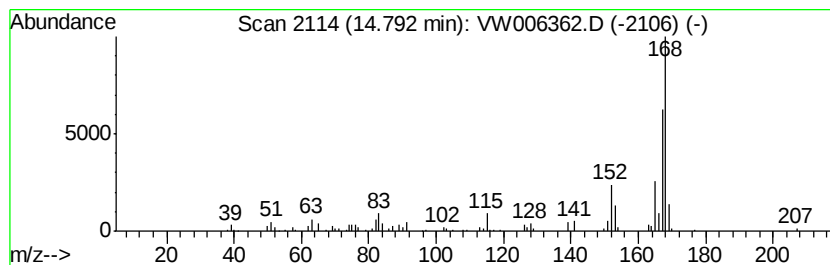
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Peak Number 4 1,1'-Biphenyl, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.20 ug/L	83121	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	96
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	94
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006362.D
Acq On : 25 Oct 2018 14:13
Operator : SY/AP
Sample : J5657-02
Misc : 5.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J9

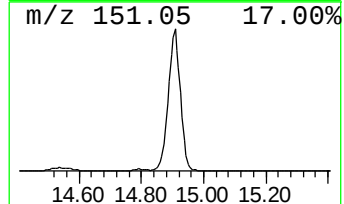
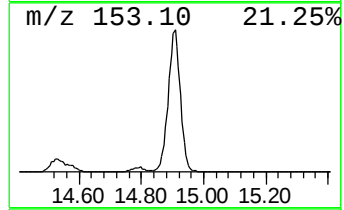
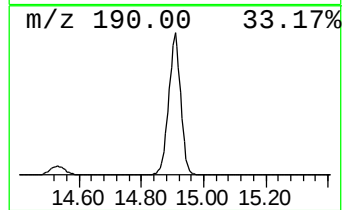
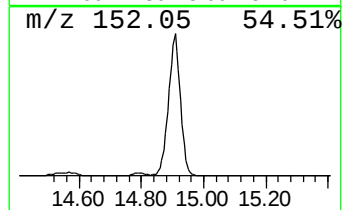
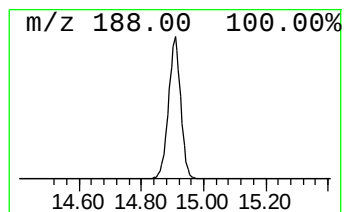
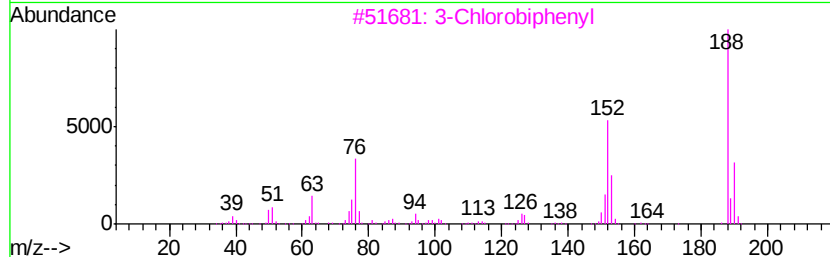
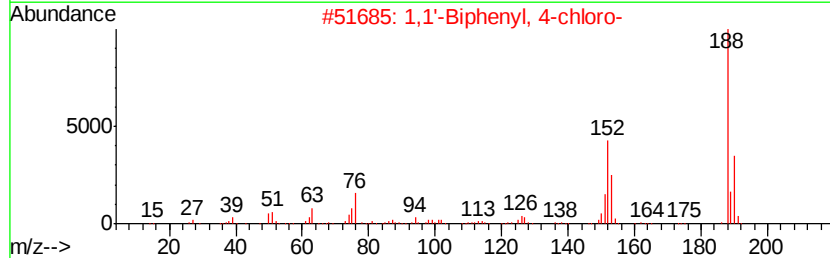
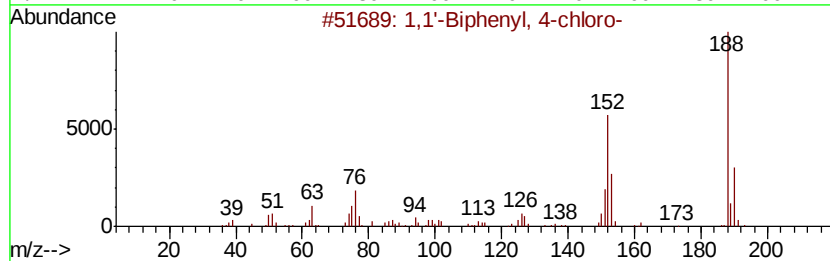
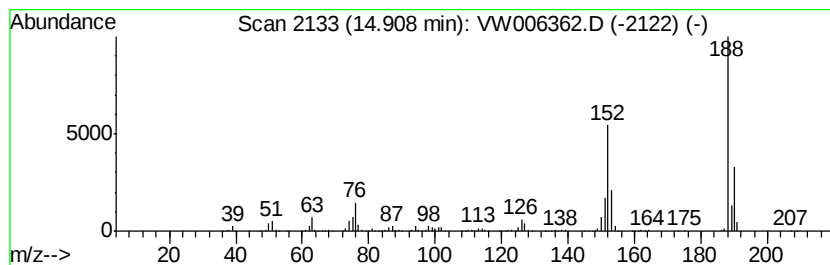
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 5 1,1'-Biphenyl, 4-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	43.70 ug/L	1650620	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
2		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
3		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
4		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
5		1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006362.D
Acq On : 25 Oct 2018 14:13
Operator : SY/AP
Sample : J5657-02
Misc : 5.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

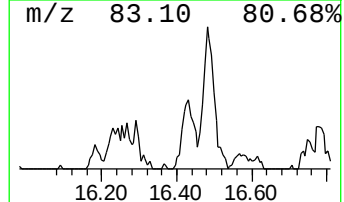
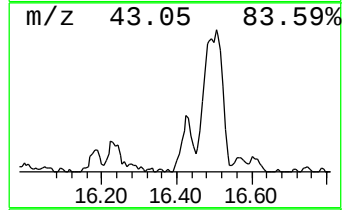
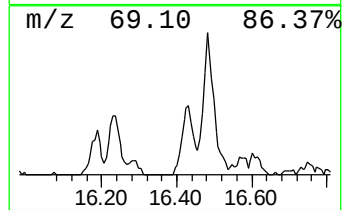
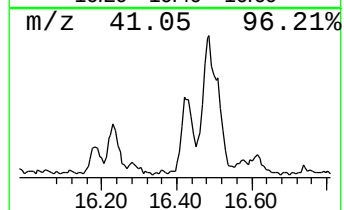
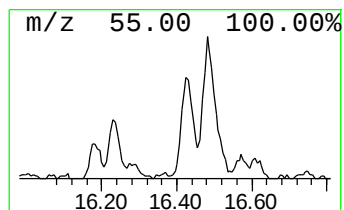
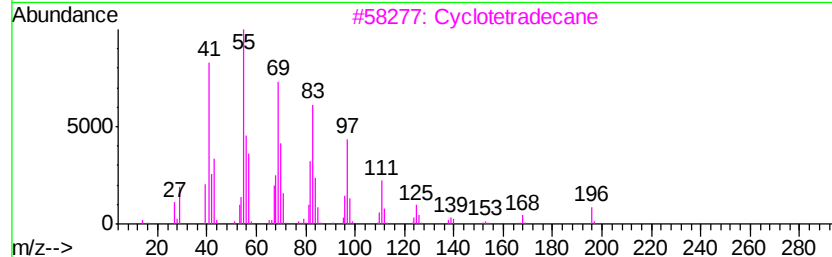
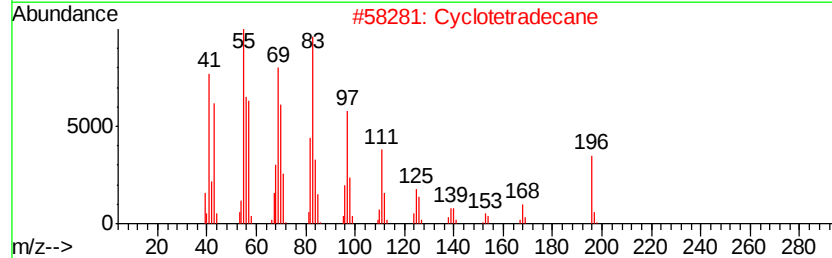
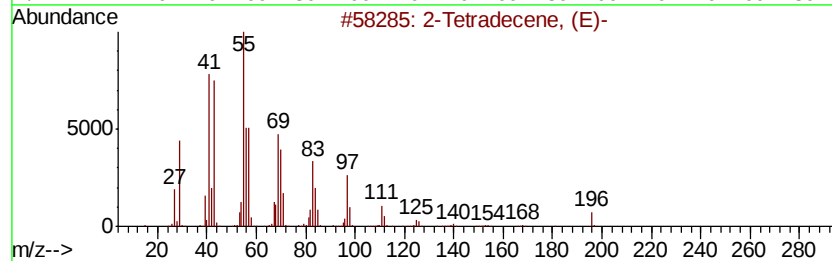
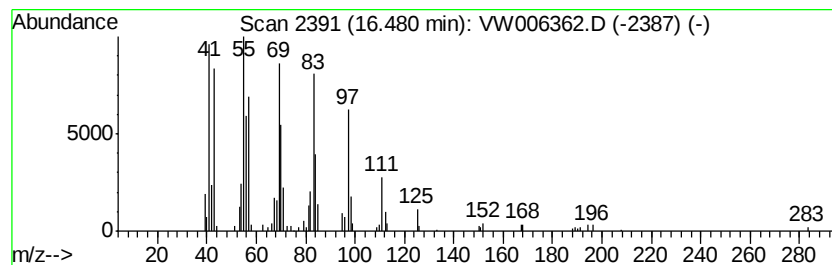
Instrument :
MSVOA_W
ClientSampleId :
A40J9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic16.48 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.48	2.74 ug/L	103456	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	96
2	Cyclotetradecane	196	C14H28	000295-17-0	94
3	Cyclotetradecane	196	C14H28	000295-17-0	94
4	1-Tetradecene	196	C14H28	001120-36-1	92
5	Cyclotetradecane	196	C14H28	000295-17-0	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006362.D
Acq On : 25 Oct 2018 14:13
Operator : SY/AP
Sample : J5657-02
Misc : 5.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J9

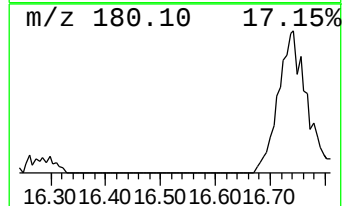
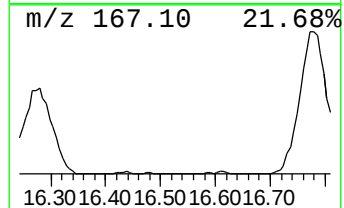
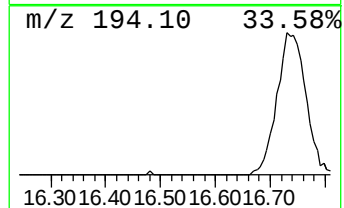
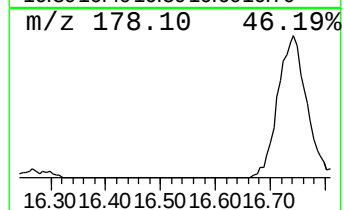
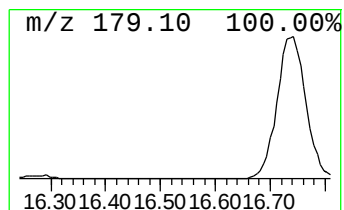
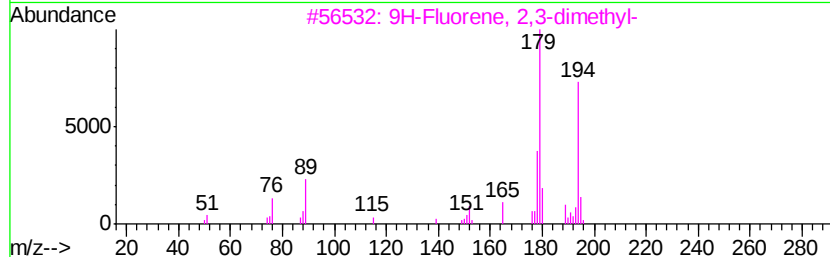
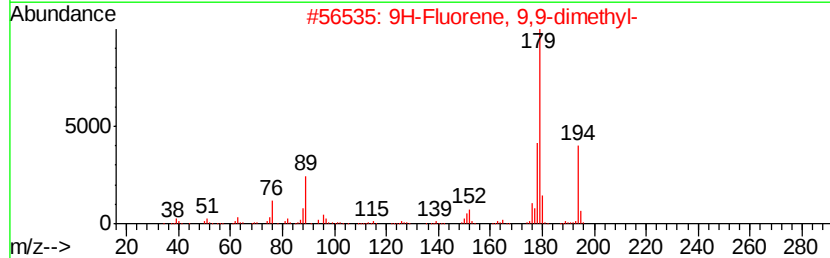
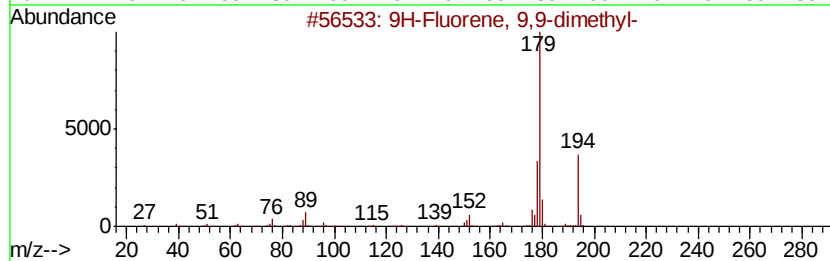
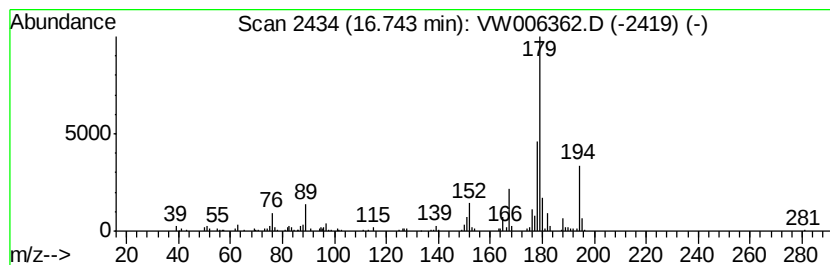
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 7 9H-Fluorene, 9,9-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	5.51 ug/L	208073	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	90
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	89
3		9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	81
4		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	74
5		.alpha.-Methylstilbene	194	C15H14	000779-51-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
Data File : VW006362.D
Acq On : 25 Oct 2018 14:13
Operator : SY/AP
Sample : J5657-02
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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
Biphenyl	11.45	19.4	ug/L	712483	2	11.63	920502	25.0
Butylated Hydroxy...	14.53	183.8	ug/L	6939980	3	13.57	944223	25.0
1,1'-Biphenyl, 4-...	14.79	2.2	ug/L	83121	3	13.57	944223	25.0
1,1'-Biphenyl, 4-...	14.91	43.7	ug/L	1650620	3	13.57	944223	25.0
(DEL) Alkane: Cyc...	16.48	2.7	ug/L	103456	3	13.57	944223	25.0
9H-Fluorene, 9,9-...	16.74	5.5	ug/L	208073	3	13.57	944223	25.0