

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102918\
 Data File : VU027856.D
 Acq On : 29 Oct 2018 15:17
 Operator : MD/SY
 Sample : J5716-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS9

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\SOMULM102218WMA.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	1.399	64	70	81	rBV	49827	51799	13.60%	1.567%
2	1.682	151	158	177	rVB	36983	49591	13.02%	1.500%
3	2.273	332	342	353	rBV	77351	116988	30.71%	3.539%
4	2.444	387	395	406	rBV	3891	6252	1.64%	0.189%
5	2.575	433	436	437	rBV2	152	87	0.02%	0.003%
6	2.620	446	450	452	rBV2	346	260	0.07%	0.008%
7	2.836	512	517	524	rBV3	355	539	0.14%	0.016%
8	2.961	552	556	559	rBV	189	203	0.05%	0.006%
9	3.006	568	570	573	rVB2	136	95	0.02%	0.003%
10	3.064	586	588	594	rVB2	207	177	0.05%	0.005%
11	3.691	777	783	787	rBV	223	328	0.09%	0.010%
12	3.771	804	808	813	rVB	96	86	0.02%	0.003%
13	3.804	814	818	823	rVB	232	270	0.07%	0.008%
14	3.829	824	826	828	rBV	132	95	0.02%	0.003%
15	3.929	854	857	859	rBV	174	146	0.04%	0.004%
16	4.067	897	900	903	rBV	182	166	0.04%	0.005%
17	4.128	917	919	922	rBV	136	114	0.03%	0.003%
18	4.180	922	935	972	rVV	38190	102014	26.78%	3.086%
19	4.395	1000	1002	1003	rBV	236	97	0.03%	0.003%
20	4.427	1010	1012	1013	rBV	238	93	0.02%	0.003%
21	4.440	1014	1016	1019	rVB	171	97	0.03%	0.003%
22	4.537	1044	1046	1049	rBV	146	126	0.03%	0.004%
23	4.652	1065	1082	1111	rBV2	63032	145408	38.17%	4.399%
24	4.781	1115	1122	1125	rBV2	166	135	0.04%	0.004%
25	4.807	1126	1130	1133	rBV2	149	90	0.02%	0.003%
26	4.884	1152	1154	1158	rVV	132	90	0.02%	0.003%
27	5.029	1197	1199	1202	rBV	117	105	0.03%	0.003%
28	5.141	1232	1234	1238	rVB	160	137	0.04%	0.004%
29	5.222	1256	1259	1265	rVB	220	261	0.07%	0.008%
30	5.254	1266	1269	1271	rBB	141	95	0.02%	0.003%
31	5.344	1274	1297	1316	rBV2	129707	380941	100.00%	11.523%
32	5.479	1336	1339	1342	rVB	136	80	0.02%	0.002%
33	5.521	1350	1352	1354	rBV	133	96	0.03%	0.003%
34	5.604	1375	1378	1380	rBV	174	147	0.04%	0.004%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102918\
 Data File : VU027856.D
 Acq On : 29 Oct 2018 15:17
 Operator : MD/SY
 Sample : J5716-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS9

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\SOMULM102218WMA.M
 Title : VOC Analysis

35	5.887	1452	1466	1489	rBV	135961	263490	69.17%	7.970%
36	5.974	1491	1493	1498	rBV	125	134	0.04%	0.004%
37	6.051	1514	1517	1520	rBB	180	134	0.04%	0.004%
38	6.070	1520	1523	1526	rBV	144	142	0.04%	0.004%
39	6.122	1536	1539	1542	rBB	145	103	0.03%	0.003%
40	6.141	1542	1545	1547	rBV	133	118	0.03%	0.004%
41	6.189	1557	1560	1561	rBV	292	182	0.05%	0.006%
42	6.331	1591	1604	1627	rBV	89543	177692	46.65%	5.375%
43	6.517	1657	1662	1663	rBV	162	169	0.04%	0.005%
44	6.566	1671	1677	1679	rBV	193	243	0.06%	0.007%
45	6.861	1764	1769	1780	rVB3	1016	1804	0.47%	0.055%
46	7.090	1831	1840	1844	rBV	198	401	0.11%	0.012%
47	7.112	1845	1847	1853	rVV	140	163	0.04%	0.005%
48	7.164	1857	1863	1869	rVV	80	109	0.03%	0.003%
49	7.231	1872	1884	1903	rBV	50900	89607	23.52%	2.711%
50	7.392	1932	1934	1937	rVB2	230	126	0.03%	0.004%
51	7.566	1975	1988	2007	rBV	173957	301390	79.12%	9.117%
52	7.852	2066	2077	2094	rBV2	36366	60569	15.90%	1.832%
53	7.945	2102	2106	2109	rBV	342	275	0.07%	0.008%
54	7.967	2110	2113	2116	rVV	183	137	0.04%	0.004%
55	8.045	2133	2137	2140	rBB2	153	136	0.04%	0.004%
56	8.183	2167	2180	2193	rBV3	21798	49822	13.08%	1.507%
57	8.311	2210	2220	2246	rVB	133134	226398	59.43%	6.848%
58	8.562	2295	2298	2303	rVB	272	147	0.04%	0.004%
59	8.668	2326	2331	2333	rBV	227	168	0.04%	0.005%
60	8.765	2357	2361	2365	rVB3	181	114	0.03%	0.003%
61	8.791	2365	2369	2370	rBV	187	121	0.03%	0.004%
62	8.903	2398	2404	2405	rBV2	339	299	0.08%	0.009%
63	9.090	2451	2462	2479	rBV	202739	329000	86.37%	9.952%
64	9.974	2735	2737	2742	rVB3	481	261	0.07%	0.008%
65	10.028	2751	2754	2755	rBV	292	132	0.03%	0.004%
66	10.167	2795	2797	2798	rBV	176	80	0.02%	0.002%
67	10.434	2867	2880	2897	rVB	115105	181802	47.72%	5.499%
68	10.549	2914	2916	2921	rBV	199	135	0.04%	0.004%
69	10.610	2924	2935	2949	rVV2	7820	14127	3.71%	0.427%
70	10.665	2949	2952	2956	rVB	126	93	0.02%	0.003%
71	10.874	3010	3017	3024	rBV3	644	941	0.25%	0.028%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102918\
 Data File : VU027856.D
 Acq On : 29 Oct 2018 15:17
 Operator : MD/SY
 Sample : J5716-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS9

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\SOMULM102218WMA.M
 Title : VOC Analysis

72	11.350	3162	3165	3168	rBV	204	146	0.04%	0.004%
73	11.485	3195	3207	3224	rBV	198841	308226	80.91%	9.324%
74	11.723	3277	3281	3284	rBV	162	175	0.05%	0.005%
75	11.749	3286	3289	3292	rBV	312	253	0.07%	0.008%
76	11.810	3305	3308	3312	rBV	257	182	0.05%	0.006%
77	11.861	3312	3324	3339	rBV	165898	266829	70.04%	8.071%
78	11.945	3348	3350	3353	rVB	342	174	0.05%	0.005%
79	11.974	3354	3359	3361	rBV2	190	147	0.04%	0.004%
80	12.147	3410	3413	3415	rBV	368	233	0.06%	0.007%
81	12.549	3536	3538	3540	rBV	168	118	0.03%	0.004%
82	13.163	3726	3729	3731	rBV2	259	179	0.05%	0.005%
83	13.179	3732	3734	3737	rBV2	346	212	0.06%	0.006%
84	13.430	3810	3812	3815	rBV	201	86	0.02%	0.003%
85	13.948	3970	3973	3974	rBV	204	123	0.03%	0.004%
86	14.070	4008	4011	4013	rBV	166	132	0.03%	0.004%
87	14.279	4068	4076	4086	rVB	5624	10136	2.66%	0.307%
88	14.359	4096	4101	4107	rVB2	350	494	0.13%	0.015%
89	14.388	4107	4110	4112	rBV2	140	105	0.03%	0.003%
90	14.482	4136	4139	4141	rBV2	194	163	0.04%	0.005%
91	14.520	4148	4151	4152	rBV	491	236	0.06%	0.007%
92	14.591	4152	4173	4174	rBV5	13050	26622	6.99%	0.805%
93	14.832	4245	4248	4252	rVB3	352	218	0.06%	0.007%
94	14.974	4286	4292	4294	rBV2	319	371	0.10%	0.011%
95	15.022	4302	4307	4311	rBV2	489	585	0.15%	0.018%
96	15.880	4566	4574	4585	rVB3	2428	4529	1.19%	0.137%
97	16.449	4745	4751	4752	rBV4	1812	1838	0.48%	0.056%
98	16.552	4774	4783	4794	rVB	69511	104048	27.31%	3.147%
99	16.703	4822	4830	4842	rBV2	13041	20598	5.41%	0.623%
100	17.047	4935	4937	4944	rBV3	738	705	0.19%	0.021%

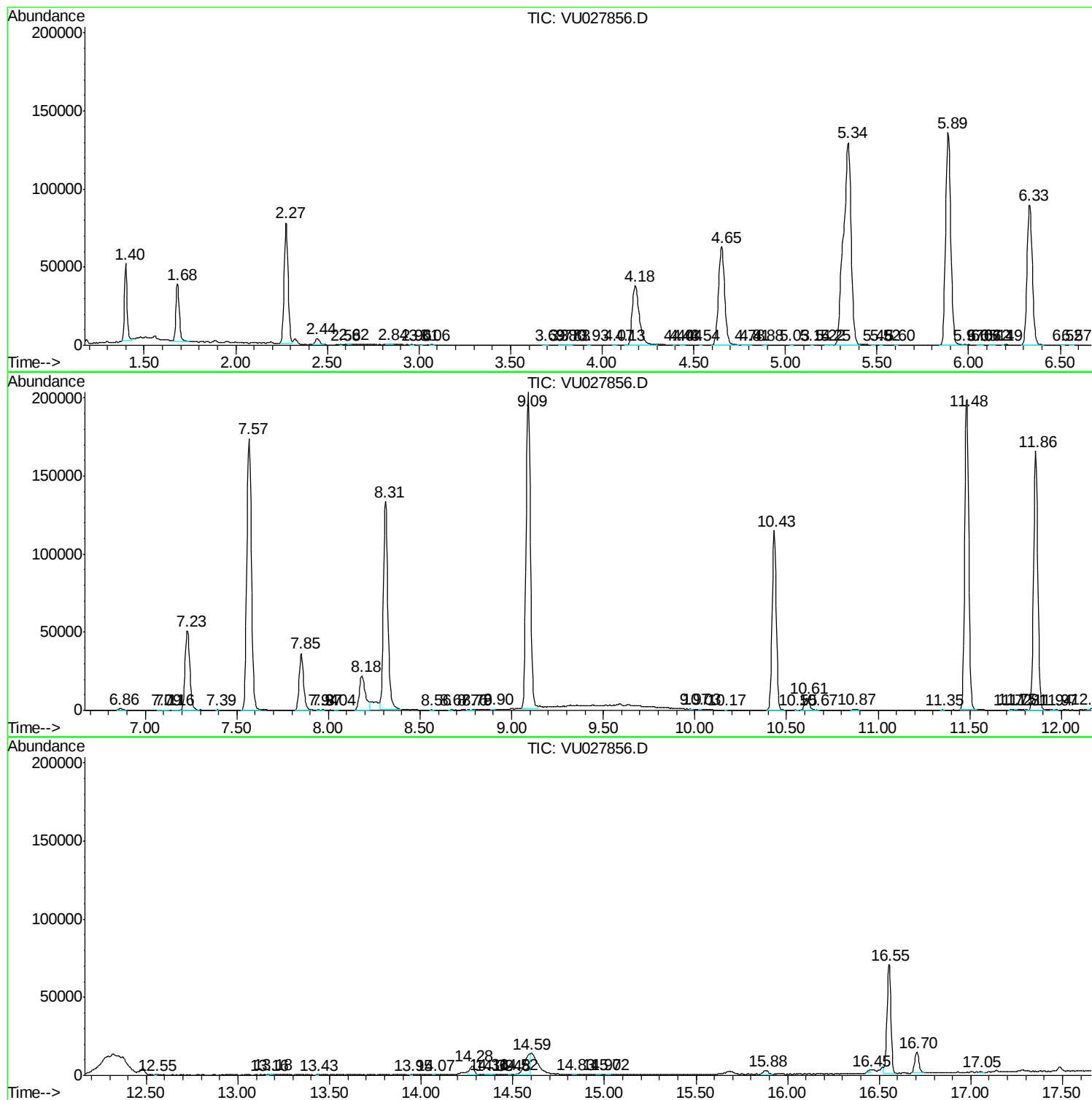
Sum of corrected areas: 3305835

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102918\
Data File : VU027856.D
Acq On : 29 Oct 2018 15:17
Operator : MD/SY
Sample : J5716-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
ETBS9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102918\
Data File : VU027856.D
Acq On : 29 Oct 2018 15:17
Operator : MD/SY
Sample : J5716-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

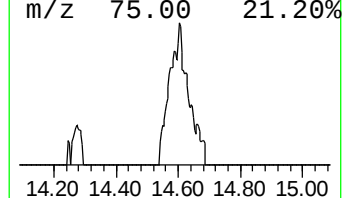
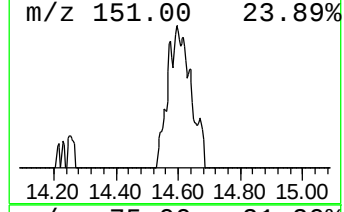
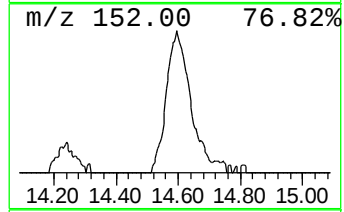
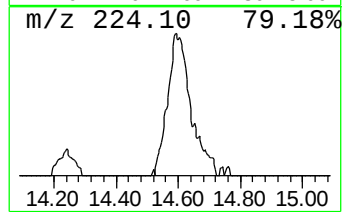
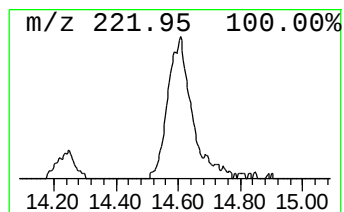
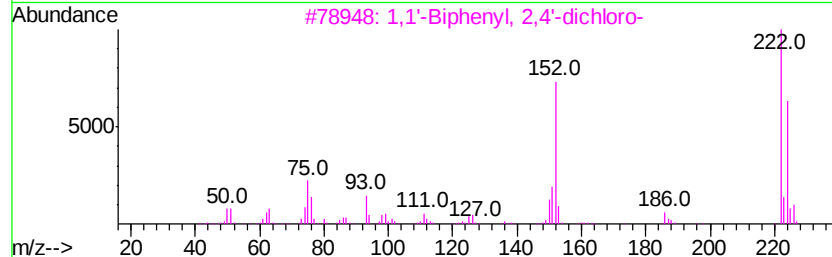
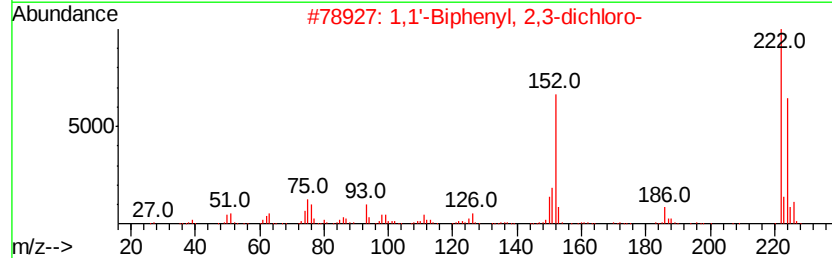
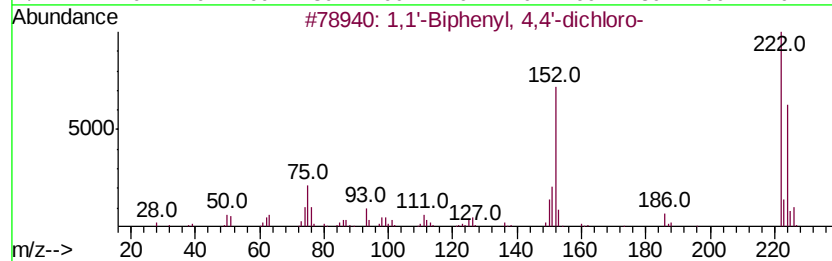
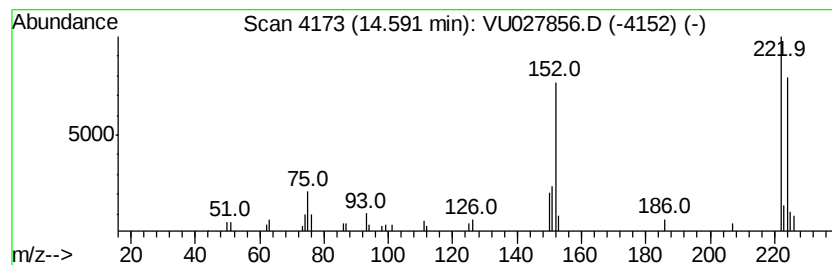
Instrument :
MSVOA_U
ClientSampled :
ETBS9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.59	4.32 ug/L	26622	1,4-Dichlorobenzene-d4		11.48		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
2			1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
3			1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
4			1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
5			1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102918\
Data File : VU027856.D
Acq On : 29 Oct 2018 15:17
Operator : MD/SY
Sample : J5716-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS9

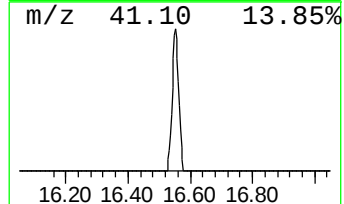
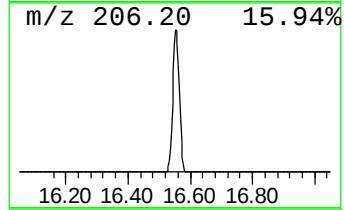
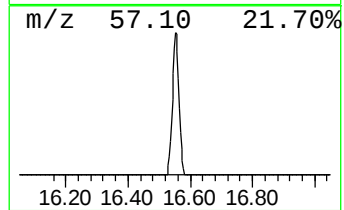
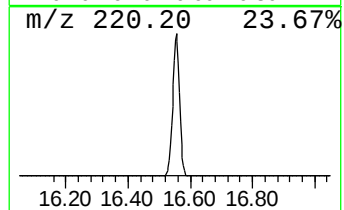
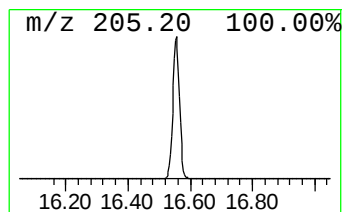
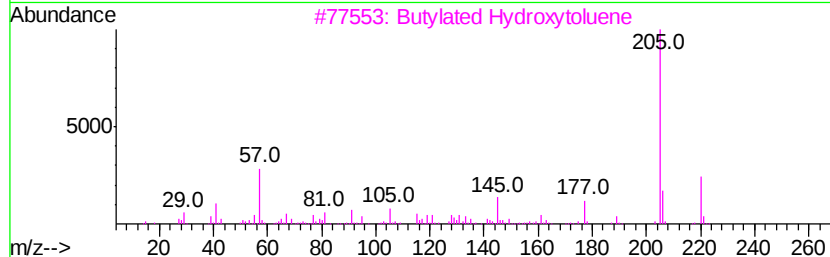
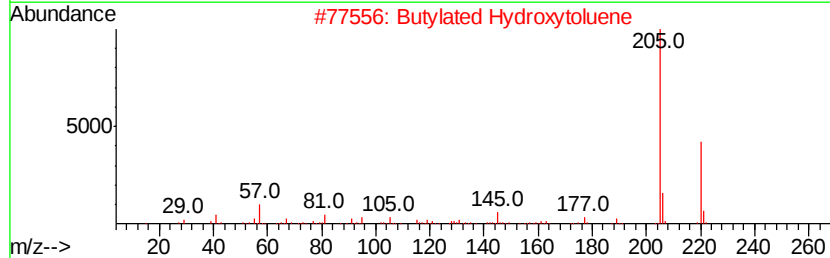
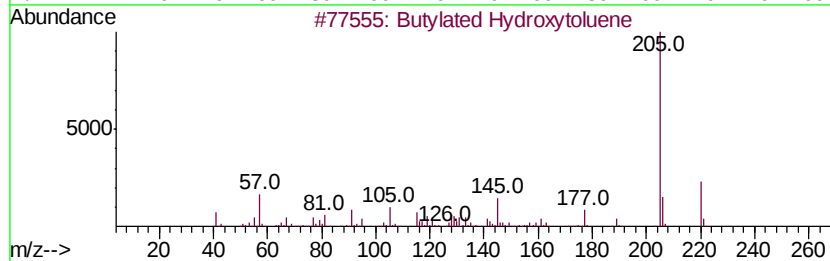
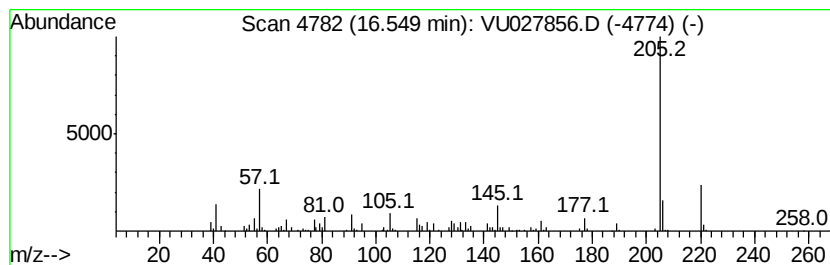
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Butylated Hydroxytoluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	16.88 ug/L	104048	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	91
5		Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102918\
Data File : VU027856.D
Acq On : 29 Oct 2018 15:17
Operator : MD/SY
Sample : J5716-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS9

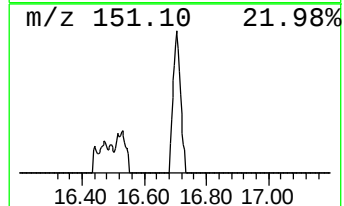
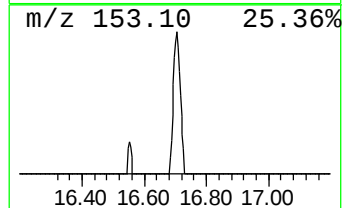
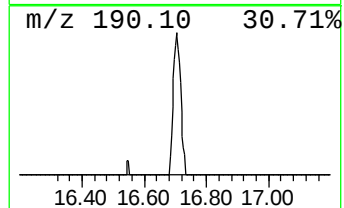
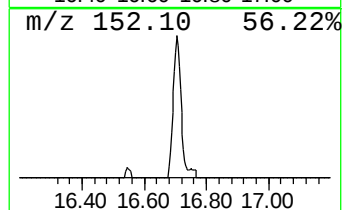
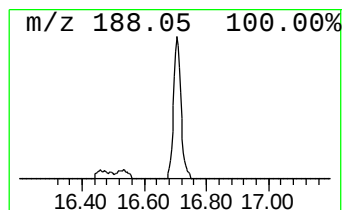
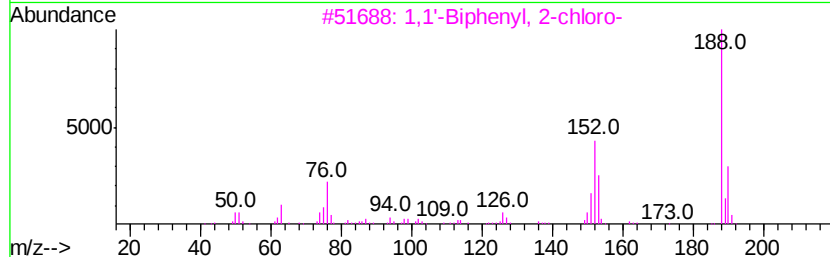
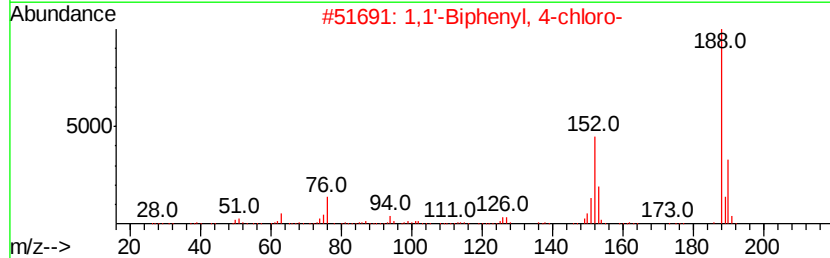
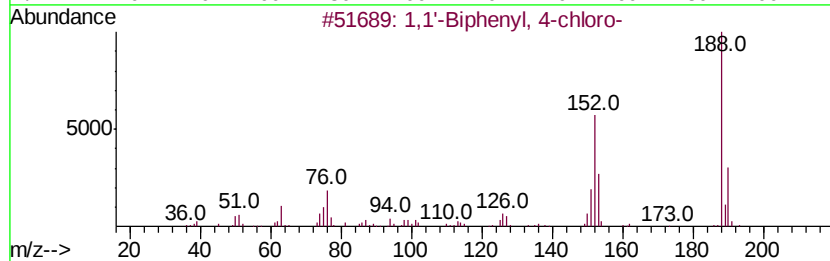
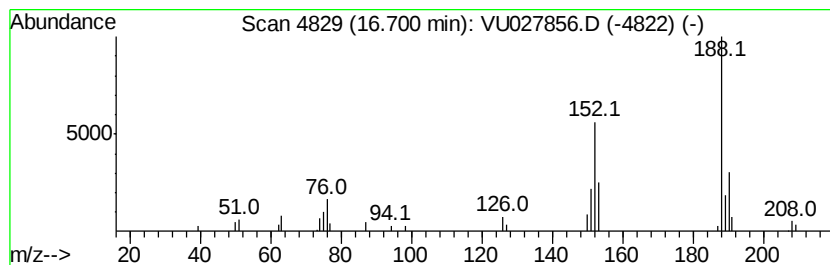
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	3.34 ug/L	20598	1,4-Dichlorobenzene-d4	11.48

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	94
3		1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94
4		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	91
5		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU102918\
Data File : VU027856.D
Acq On : 29 Oct 2018 15:17
Operator : MD/SY
Sample : J5716-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.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
1,1'-Biphenyl, 4,...	14.59	4.3	ug/L	26622	3	11.48	308226	50.0
Butylated Hydroxy...	16.55	16.9	ug/L	104048	3	11.48	308226	50.0
1,1'-Biphenyl, 4-...	16.70	3.3	ug/L	20598	3	11.48	308226	50.0