

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
 Data File : VU027849.D
 Acq On : 29 Oct 2018 12:35
 Operator : MD/SY
 Sample : J5668-10DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBSODL

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	0.811	45	47	51	rBV	119	128	0.02%	0.003%
2	1.039	115	118	120	rBV	228	156	0.03%	0.004%
3	1.090	120	134	157	rBV	171575	200361	32.70%	4.719%
4	1.184	159	163	169	rVV	2046	1800	0.29%	0.042%
5	1.287	190	195	203	rBV	3080	3008	0.49%	0.071%
6	1.399	223	230	239	rBV	57207	58634	9.57%	1.381%
7	1.679	309	317	331	rVB	39253	50441	8.23%	1.188%
8	2.274	490	502	516	rBV	84764	128994	21.05%	3.038%
9	2.444	548	555	562	rBV2	1456	2070	0.34%	0.049%
10	2.701	632	635	640	rVB2	136	110	0.02%	0.003%
11	2.830	671	675	679	rBV2	264	294	0.05%	0.007%
12	2.984	714	723	731	rVB3	691	1006	0.16%	0.024%
13	3.254	803	807	812	rVB	117	112	0.02%	0.003%
14	3.852	990	993	995	rBV	177	148	0.02%	0.003%
15	3.901	1003	1008	1010	rBV	144	147	0.02%	0.003%
16	3.920	1011	1014	1021	rVB	106	132	0.02%	0.003%
17	4.180	1077	1095	1099	rBV	38976	78427	12.80%	1.847%
18	4.373	1153	1155	1159	rBV	165	138	0.02%	0.003%
19	4.650	1224	1241	1267	rBV	66113	155663	25.40%	3.666%
20	4.875	1307	1311	1314	rBV	265	238	0.04%	0.006%
21	4.891	1314	1316	1318	rVV	342	136	0.02%	0.003%
22	4.904	1318	1320	1322	rVV	263	169	0.03%	0.004%
23	4.920	1323	1325	1329	rVB2	270	202	0.03%	0.005%
24	5.135	1389	1392	1394	rBV	142	124	0.02%	0.003%
25	5.341	1433	1456	1476	rBV2	139149	410873	67.06%	9.677%
26	5.630	1543	1546	1553	rVB	121	116	0.02%	0.003%
27	5.691	1558	1565	1572	rBB	192	364	0.06%	0.009%
28	5.736	1573	1579	1583	rBV	166	291	0.05%	0.007%
29	5.791	1593	1596	1598	rBV	148	125	0.02%	0.003%
30	5.830	1605	1608	1611	rBV	198	175	0.03%	0.004%
31	5.888	1611	1626	1643	rBV	129954	253365	41.35%	5.967%
32	5.968	1649	1651	1656	rVB	244	192	0.03%	0.005%
33	5.990	1656	1658	1660	rBV	177	113	0.02%	0.003%
34	6.064	1678	1681	1684	rBB	130	111	0.02%	0.003%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
 Data File : VU027849.D
 Acq On : 29 Oct 2018 12:35
 Operator : MD/SY
 Sample : J5668-10DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBSODL

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	6.084	1684	1687	1689	rBV	134	116	0.02%	0.003%
36	6.331	1750	1764	1786	rBV	97542	188853	30.82%	4.448%
37	6.408	1786	1788	1792	rVB2	264	141	0.02%	0.003%
38	6.675	1867	1871	1876	rVB	204	238	0.04%	0.006%
39	6.836	1917	1921	1922	rBV	128	115	0.02%	0.003%
40	6.859	1922	1928	1947	rVB4	1270	2771	0.45%	0.065%
41	6.939	1947	1953	1956	rBV	192	272	0.04%	0.006%
42	7.010	1972	1975	1980	rBV	163	216	0.04%	0.005%
43	7.048	1985	1987	1990	rBV	143	118	0.02%	0.003%
44	7.077	1991	1996	1999	rVV	136	135	0.02%	0.003%
45	7.116	2005	2008	2012	rBV	171	189	0.03%	0.004%
46	7.228	2031	2043	2060	rBV	56215	98615	16.09%	2.323%
47	7.318	2069	2071	2073	rVB	292	119	0.02%	0.003%
48	7.566	2135	2148	2171	rBV	192277	330826	53.99%	7.792%
49	7.662	2176	2178	2181	rVV	333	244	0.04%	0.006%
50	7.849	2226	2236	2256	rBV2	39974	66267	10.81%	1.561%
51	7.942	2263	2265	2268	rBV	270	152	0.02%	0.004%
52	8.119	2317	2320	2323	rVB	190	153	0.02%	0.004%
53	8.183	2324	2340	2351	rBV	17566	40583	6.62%	0.956%
54	8.312	2370	2380	2399	rVB	136992	227476	37.12%	5.358%
55	8.447	2420	2422	2425	rVB3	301	128	0.02%	0.003%
56	8.518	2442	2444	2450	rVB2	367	301	0.05%	0.007%
57	8.556	2454	2456	2460	rBV3	273	145	0.02%	0.003%
58	8.576	2460	2462	2466	rBV	306	178	0.03%	0.004%
59	8.643	2478	2483	2485	rBV3	356	312	0.05%	0.007%
60	8.678	2491	2494	2497	rVB2	430	247	0.04%	0.006%
61	8.698	2498	2500	2503	rBV	306	174	0.03%	0.004%
62	9.090	2611	2622	2636	rBV	194687	321557	52.48%	7.573%
63	10.431	3028	3039	3058	rBV	120002	189837	30.98%	4.471%
64	10.611	3084	3095	3113	rVB3	6565	13258	2.16%	0.312%
65	10.682	3113	3117	3120	rBV	174	147	0.02%	0.003%
66	10.878	3171	3178	3185	rVB2	770	1056	0.17%	0.025%
67	11.190	3271	3275	3279	rBV	147	125	0.02%	0.003%
68	11.309	3308	3312	3316	rBV	219	249	0.04%	0.006%
69	11.347	3321	3324	3329	rVB	167	126	0.02%	0.003%
70	11.482	3353	3366	3385	rBV	199358	313905	51.23%	7.393%
71	11.566	3389	3392	3397	rVB2	231	150	0.02%	0.004%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
 Data File : VU027849.D
 Acq On : 29 Oct 2018 12:35
 Operator : MD/SY
 Sample : J5668-10DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBSODL

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	11.756	3445	3451	3457	rBV3	548	806	0.13%	0.019%
73	11.862	3472	3484	3504	rBV	185660	298734	48.75%	7.036%
74	12.077	3548	3551	3553	rBV2	194	141	0.02%	0.003%
75	12.106	3556	3560	3562	rBV	452	387	0.06%	0.009%
76	12.617	3716	3719	3722	rVB3	416	273	0.04%	0.006%
77	12.759	3758	3763	3766	rVB3	314	276	0.05%	0.007%
78	12.817	3777	3781	3784	rVB2	242	158	0.03%	0.004%
79	12.887	3800	3803	3805	rBV2	227	149	0.02%	0.004%
80	12.932	3815	3817	3820	rVB	284	125	0.02%	0.003%
81	12.977	3826	3831	3833	rBV2	169	151	0.02%	0.004%
82	13.585	4016	4020	4024	rBV	208	243	0.04%	0.006%
83	13.794	4083	4085	4089	rVB2	236	160	0.03%	0.004%
84	13.881	4109	4112	4115	rVB	276	174	0.03%	0.004%
85	14.280	4226	4236	4245	rVB	4532	7812	1.27%	0.184%
86	14.350	4254	4258	4259	rBV2	261	179	0.03%	0.004%
87	14.460	4288	4292	4295	rBV	329	308	0.05%	0.007%
88	14.582	4317	4330	4332	rBV5	2568	3979	0.65%	0.094%
89	14.788	4388	4394	4397	rBV2	497	374	0.06%	0.009%
90	14.829	4403	4407	4411	rBV4	662	607	0.10%	0.014%
91	15.090	4483	4488	4494	rVB3	1102	1368	0.22%	0.032%
92	15.453	4597	4601	4609	rBV3	800	1104	0.18%	0.026%
93	15.617	4644	4652	4662	rBV3	2666	4298	0.70%	0.101%
94	15.881	4726	4734	4744	rVB	2779	4316	0.70%	0.102%
95	16.431	4903	4905	4909	rBV2	406	355	0.06%	0.008%
96	16.472	4916	4918	4919	rBV2	467	202	0.03%	0.005%
97	16.556	4933	4944	4960	rVB	412556	612736	100.00%	14.431%
98	16.704	4980	4990	5001	rBV	76114	115426	18.84%	2.719%
99	17.276	5161	5168	5180	rBV3	7821	12409	2.03%	0.292%
100	17.482	5226	5232	5243	rVB3	18333	30781	5.02%	0.725%

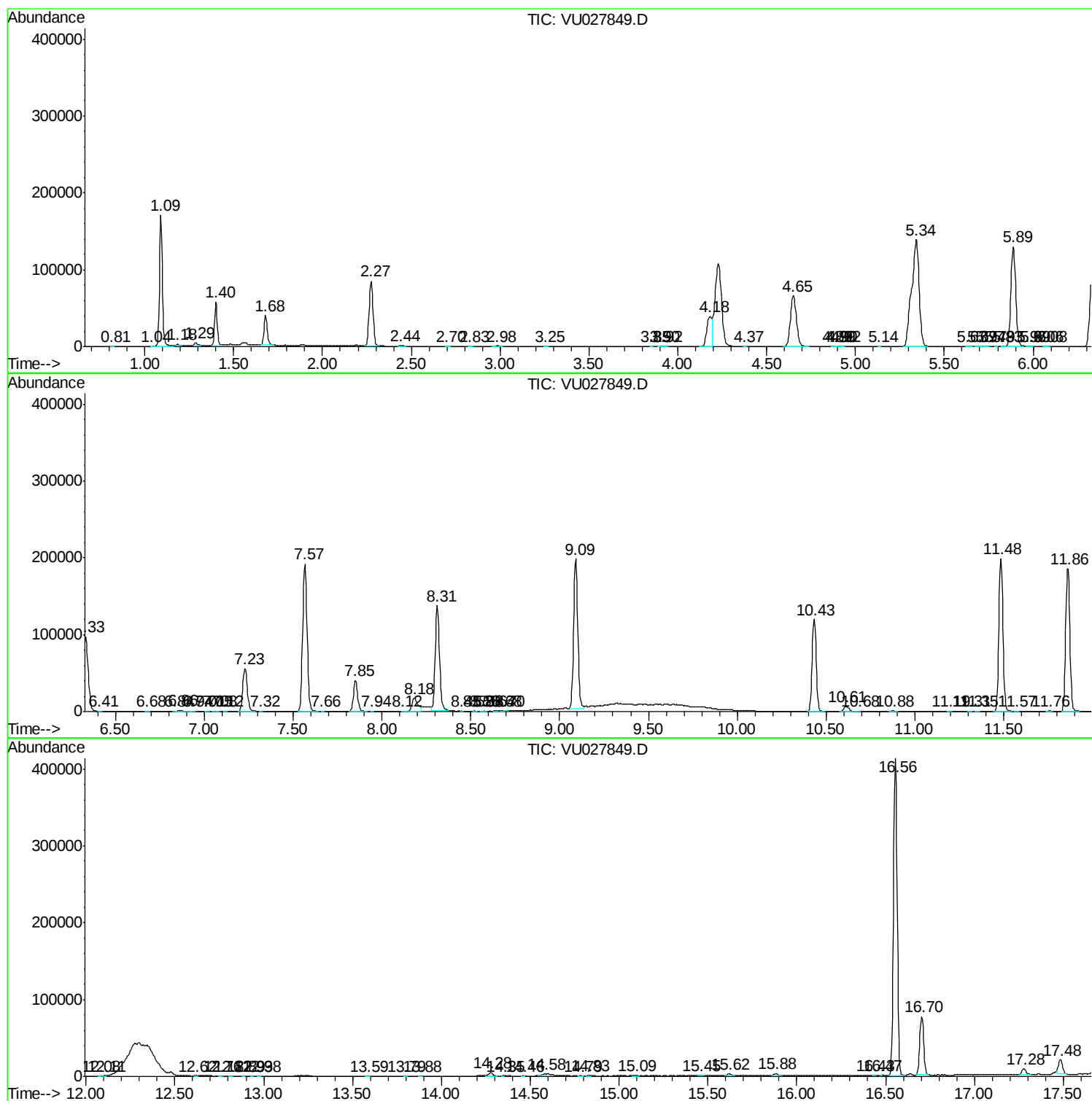
Sum of corrected areas: 4245888

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
Data File : VU027849.D
Acq On : 29 Oct 2018 12:35
Operator : MD/SY
Sample : J5668-10DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBSODL

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
Data File : VU027849.D
Acq On : 29 Oct 2018 12:35
Operator : MD/SY
Sample : J5668-10DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBSODL

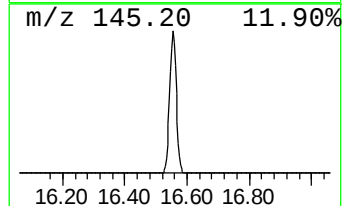
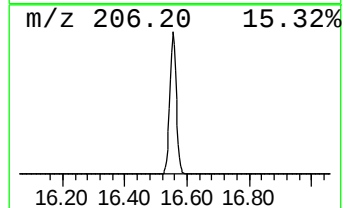
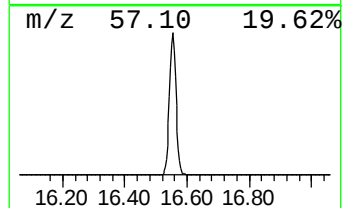
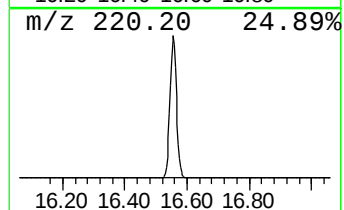
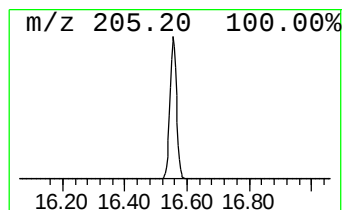
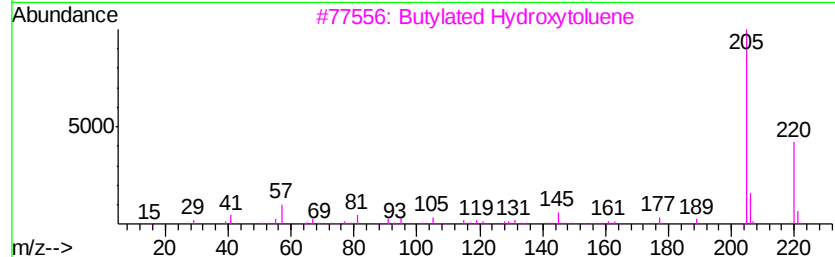
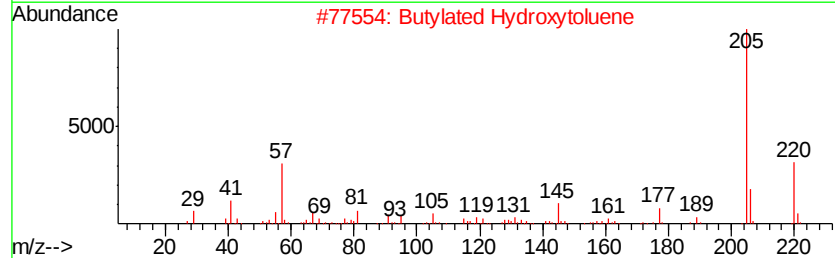
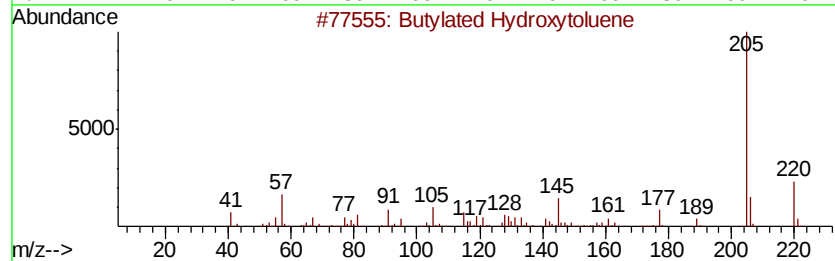
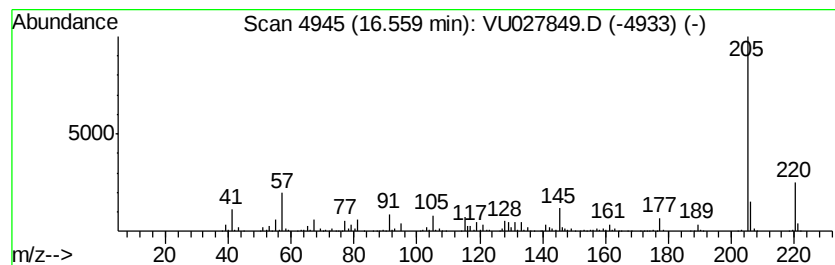
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	97.60 ug/L	612736	1,4-Dichlorobenzene-d4	11.49

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	96
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
5		Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
Data File : VU027849.D
Acq On : 29 Oct 2018 12:35
Operator : MD/SY
Sample : J5668-10DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS0DL

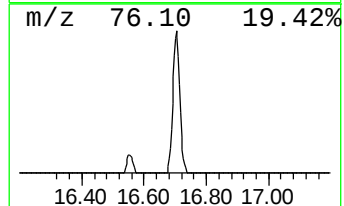
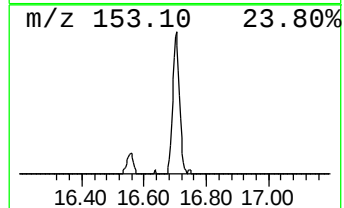
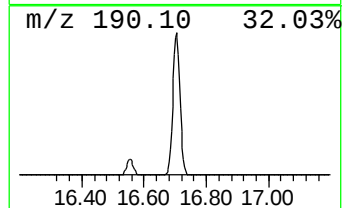
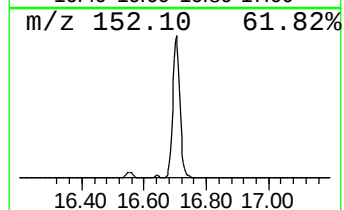
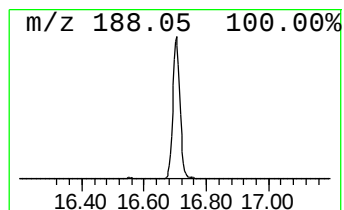
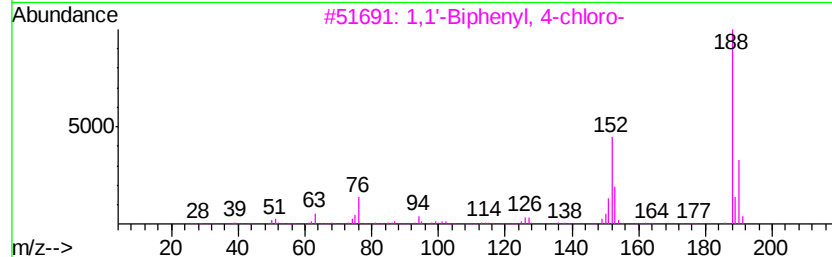
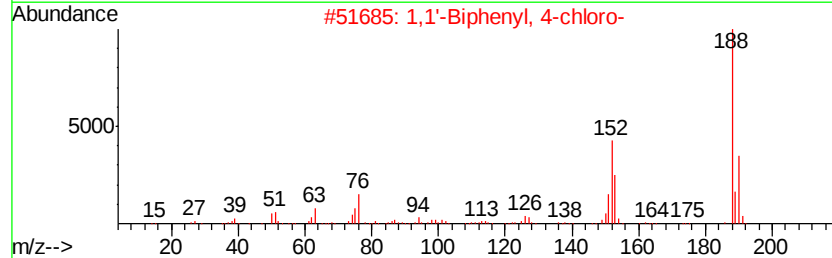
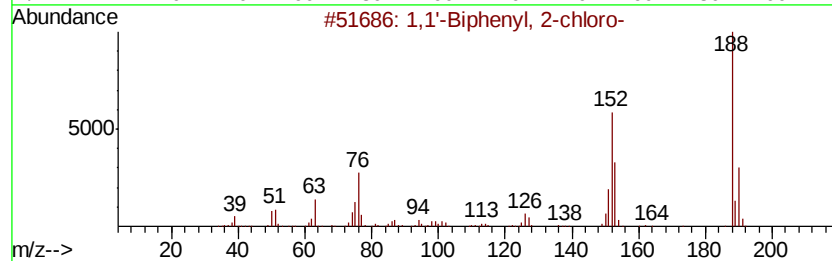
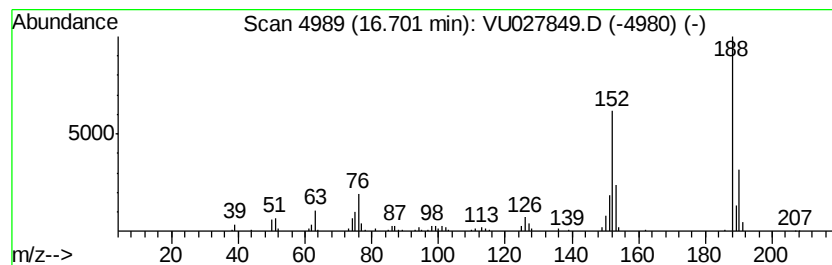
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	18.39 ug/L	115426	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
2		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
3		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
4		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
5		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
Data File : VU027849.D
Acq On : 29 Oct 2018 12:35
Operator : MD/SY
Sample : J5668-10DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

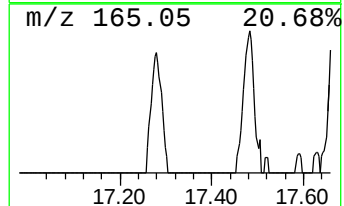
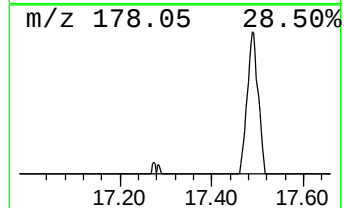
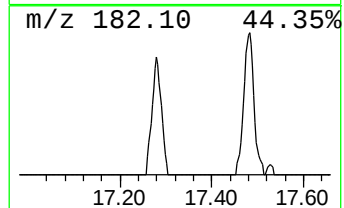
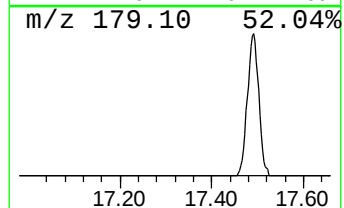
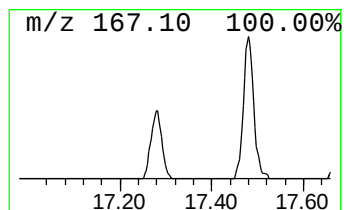
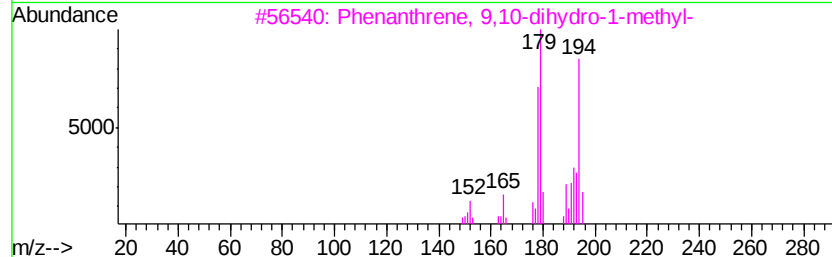
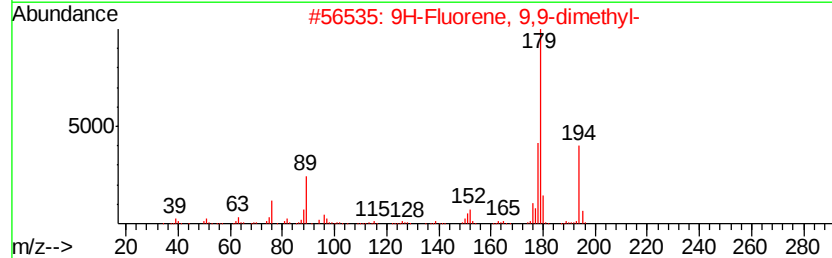
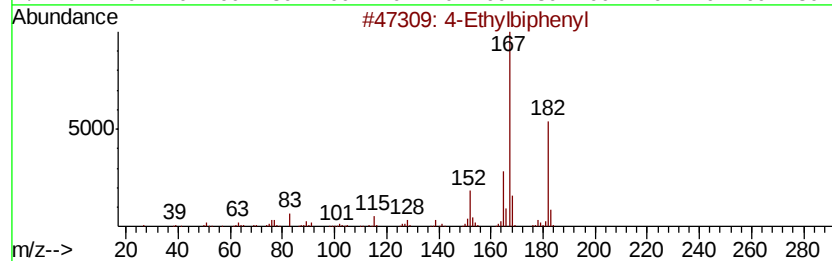
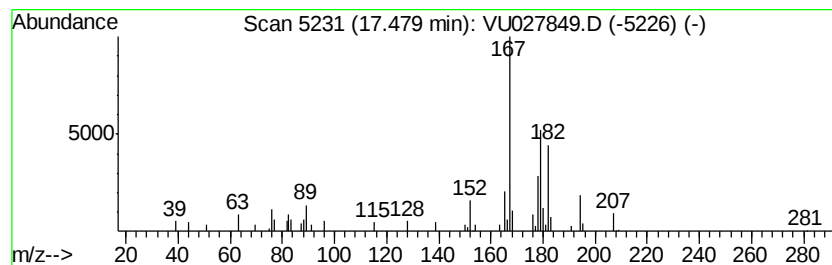
Instrument :
MSVOA_U
ClientSampleId :
ETBSODL

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

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

Peak Number 6 4-Ethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.48	4.90 ug/L	30781	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	55
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	52
3	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	50
4	4-Ethylbiphenyl	182	C14H14	005707-44-8	49
5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102918\
Data File : VU027849.D
Acq On : 29 Oct 2018 12:35
Operator : MD/SY
Sample : J5668-10DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS0DL

Quant Method : Z:\VOASRV\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
Butylated Hydroxy...	16.56	97.6	ug/L	612736	3	11.49	313905	50.0
1,1'-Biphenyl, 2-...	16.70	18.4	ug/L	115426	3	11.49	313905	50.0
4-Ethylbiphenyl	17.48	4.9	ug/L	30781	3	11.49	313905	50.0