

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027838.D
 Acq On : 26 Oct 2018 17:01
 Operator : MD/SY
 Sample : J5668-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS3

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	1.398	66	70	78	rVB	46389	45973	11.60%	1.298%
2	1.681	152	158	171	rVB	37883	51020	12.87%	1.440%
3	2.276	332	343	353	rBV	75568	114322	28.85%	3.227%
4	2.382	368	376	384	rVB4	1298	2209	0.56%	0.062%
5	2.443	384	395	413	rBV2	16416	28493	7.19%	0.804%
6	2.521	416	419	420	rBV	192	110	0.03%	0.003%
7	2.829	507	515	527	rVB4	2952	5729	1.45%	0.162%
8	3.189	618	627	636	rVV4	1022	2046	0.52%	0.058%
9	3.225	636	638	641	rVB	201	89	0.02%	0.003%
10	3.299	657	661	667	rBV	130	129	0.03%	0.004%
11	3.430	696	702	704	rBV3	628	636	0.16%	0.018%
12	4.180	921	935	965	rBV	48088	136004	34.32%	3.839%
13	4.382	995	998	1003	rBV2	177	128	0.03%	0.004%
14	4.408	1003	1006	1013	rVB2	280	192	0.05%	0.005%
15	4.501	1031	1035	1044	rBV	95	112	0.03%	0.003%
16	4.649	1065	1081	1109	rBV	66489	156999	39.62%	4.432%
17	4.762	1113	1116	1119	rBV2	264	240	0.06%	0.007%
18	4.848	1140	1143	1145	rBV2	117	78	0.02%	0.002%
19	4.980	1182	1184	1186	rBV2	154	82	0.02%	0.002%
20	5.028	1196	1199	1202	rBV	173	96	0.02%	0.003%
21	5.340	1273	1296	1319	rVV2	132881	396308	100.00%	11.188%
22	5.665	1391	1397	1400	rBV	180	255	0.06%	0.007%
23	5.710	1408	1411	1413	rBB	125	88	0.02%	0.002%
24	5.726	1413	1416	1418	rBV	170	130	0.03%	0.004%
25	5.742	1418	1421	1424	rVB	160	126	0.03%	0.004%
26	5.768	1427	1429	1431	rBV	152	110	0.03%	0.003%
27	5.803	1433	1440	1444	rVV2	205	326	0.08%	0.009%
28	5.887	1451	1466	1488	rBV	148932	290635	73.34%	8.205%
29	5.987	1495	1497	1499	rBV	171	121	0.03%	0.003%
30	6.041	1509	1514	1518	rBV	283	267	0.07%	0.008%
31	6.186	1556	1559	1561	rBV	136	117	0.03%	0.003%
32	6.334	1591	1605	1628	rVB	94953	189357	47.78%	5.345%
33	6.466	1644	1646	1649	rVB	321	167	0.04%	0.005%
34	6.659	1703	1706	1708	rBV	141	126	0.03%	0.004%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	6.675	1708	1711	1717	rVV	126	141	0.04%	0.004%
36	6.723	1723	1726	1728	rBV	162	135	0.03%	0.004%
37	6.832	1751	1760	1763	rVV	854	1195	0.30%	0.034%
38	6.861	1763	1769	1781	rVB4	1337	2291	0.58%	0.065%
39	7.102	1841	1844	1847	rBB	146	99	0.02%	0.003%
40	7.128	1847	1852	1855	rBV	152	205	0.05%	0.006%
41	7.228	1872	1883	1901	rBV	53464	94188	23.77%	2.659%
42	7.321	1910	1912	1916	rVB	251	139	0.04%	0.004%
43	7.343	1917	1919	1924	rBB	147	155	0.04%	0.004%
44	7.392	1924	1934	1945	rBV4	2984	5303	1.34%	0.150%
45	7.565	1975	1988	2011	rBV	175353	301334	76.04%	8.507%
46	7.749	2034	2045	2047	rBV	172	355	0.09%	0.010%
47	7.774	2051	2053	2058	rVV	156	111	0.03%	0.003%
48	7.800	2058	2061	2065	rVV	80	82	0.02%	0.002%
49	7.851	2065	2077	2097	rVV	37986	62868	15.86%	1.775%
50	8.028	2129	2132	2134	rBV	177	110	0.03%	0.003%
51	8.183	2167	2180	2192	rBV2	22039	52091	13.14%	1.471%
52	8.311	2211	2220	2247	rVB	169361	292950	73.92%	8.270%
53	8.472	2266	2270	2275	rVB3	540	567	0.14%	0.016%
54	9.089	2449	2462	2487	rBV	220394	354002	89.32%	9.993%
55	9.298	2520	2527	2530	rBV2	347	451	0.11%	0.013%
56	9.347	2539	2542	2546	rVB	203	154	0.04%	0.004%
57	9.379	2546	2552	2554	rBV3	203	222	0.06%	0.006%
58	9.392	2554	2556	2559	rVB	217	107	0.03%	0.003%
59	9.437	2568	2570	2576	rVB	187	204	0.05%	0.006%
60	9.469	2576	2580	2587	rVB2	159	146	0.04%	0.004%
61	9.523	2594	2597	2601	rBV	183	116	0.03%	0.003%
62	9.549	2601	2605	2606	rBV	175	136	0.03%	0.004%
63	9.594	2616	2619	2623	rBV	207	190	0.05%	0.005%
64	9.630	2627	2630	2632	rVV	104	85	0.02%	0.002%
65	9.806	2683	2685	2688	rVV2	169	108	0.03%	0.003%
66	9.839	2692	2695	2700	rVB	110	84	0.02%	0.002%
67	9.954	2728	2731	2736	rVB3	269	188	0.05%	0.005%
68	10.170	2793	2798	2800	rBV	77	86	0.02%	0.002%
69	10.257	2822	2825	2827	rBV	140	89	0.02%	0.003%
70	10.433	2868	2880	2897	rBV	128153	204304	51.55%	5.767%
71	10.617	2926	2937	2954	rVB2	10867	21754	5.49%	0.614%

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72	10.871	3010	3016	3027	rBV2	827	1386	0.35%	0.039%
73	11.089	3078	3084	3087	rBV	121	149	0.04%	0.004%
74	11.289	3144	3146	3150	rBV	95	83	0.02%	0.002%
75	11.417	3183	3186	3190	rBV	106	95	0.02%	0.003%
76	11.485	3195	3207	3223	rBV	207958	320443	80.86%	9.046%
77	11.748	3281	3289	3300	rBV3	2071	3437	0.87%	0.097%
78	11.790	3300	3302	3305	rVB	412	198	0.05%	0.006%
79	11.810	3305	3308	3311	rVB	193	98	0.02%	0.003%
80	11.861	3312	3324	3340	rBV	174579	271832	68.59%	7.674%
81	11.967	3355	3357	3361	rBV	261	153	0.04%	0.004%
82	12.154	3409	3415	3416	rBV2	400	412	0.10%	0.012%
83	12.247	3422	3444	3445	rBV5	6712	13132	3.31%	0.371%
84	12.482	3508	3517	3527	rVB	7637	13074	3.30%	0.369%
85	13.125	3715	3717	3721	rVB2	222	129	0.03%	0.004%
86	13.195	3737	3739	3742	rVB2	218	115	0.03%	0.003%
87	13.436	3809	3814	3819	rBV	153	185	0.05%	0.005%
88	13.774	3916	3919	3922	rVB2	203	119	0.03%	0.003%
89	14.134	4029	4031	4033	rBV	189	95	0.02%	0.003%
90	14.147	4033	4035	4039	rVB2	158	86	0.02%	0.002%
91	14.192	4046	4049	4051	rBV3	484	354	0.09%	0.010%
92	14.276	4067	4075	4086	rVB	10920	18028	4.55%	0.509%
93	14.398	4110	4113	4115	rBV	230	141	0.04%	0.004%
94	14.417	4115	4119	4121	rBV	142	121	0.03%	0.003%
95	14.594	4150	4174	4194	rBV7	9249	41107	10.37%	1.160%
96	14.758	4222	4225	4226	rBV2	286	173	0.04%	0.005%
97	15.678	4501	4511	4523	rBV6	1988	4244	1.07%	0.120%
98	15.880	4565	4574	4584	rVB2	5525	8950	2.26%	0.253%
99	16.452	4738	4752	4762	rBV7	8606	24106	6.08%	0.681%
100	16.668	4816	4819	4820	rBV2	561	370	0.09%	0.010%

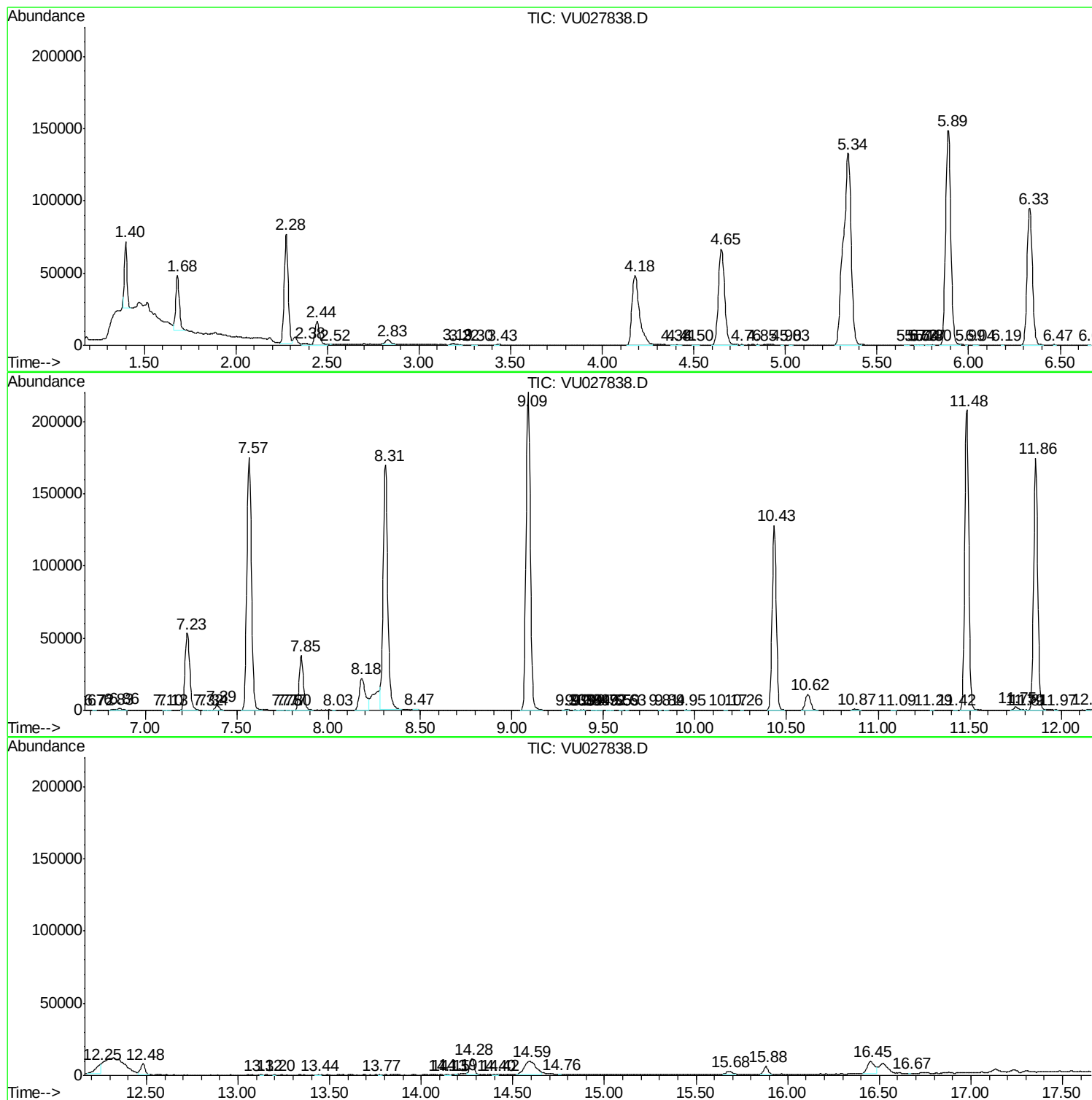
Sum of corrected areas: 3542380

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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\VU102618\
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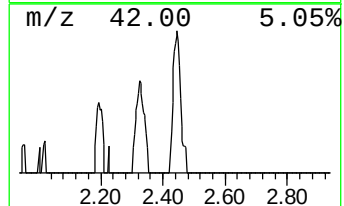
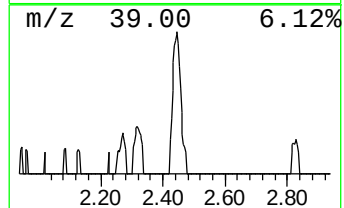
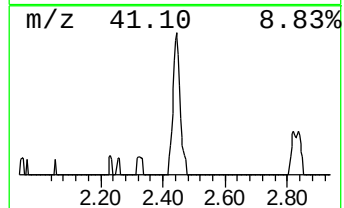
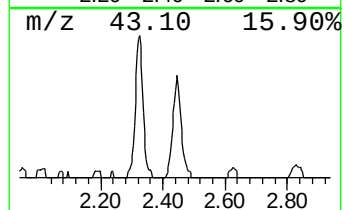
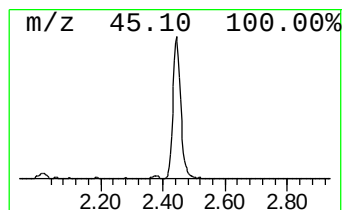
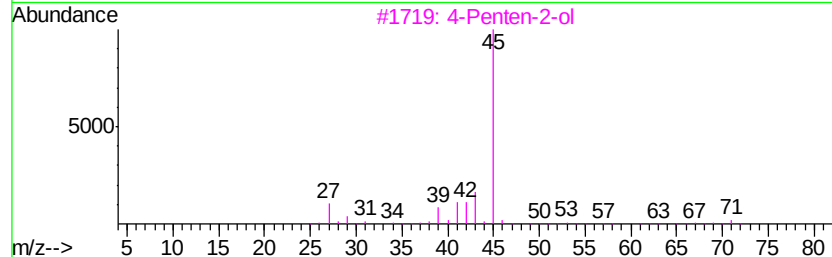
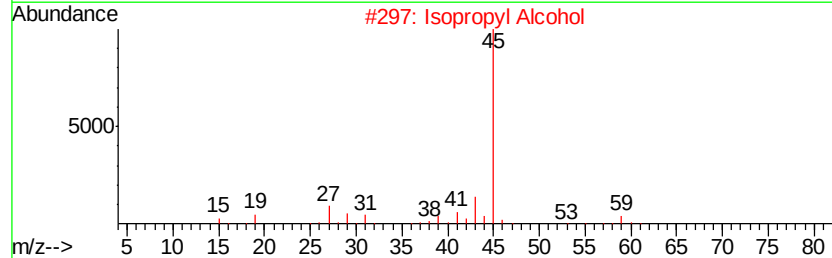
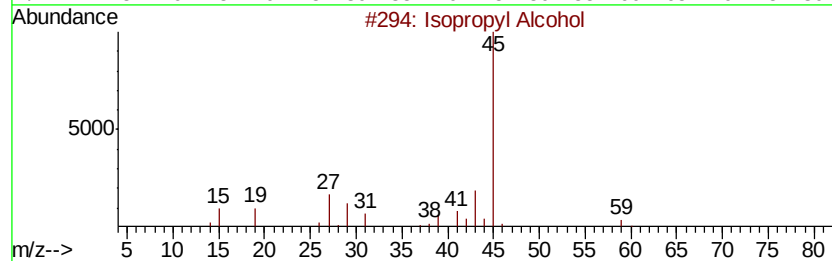
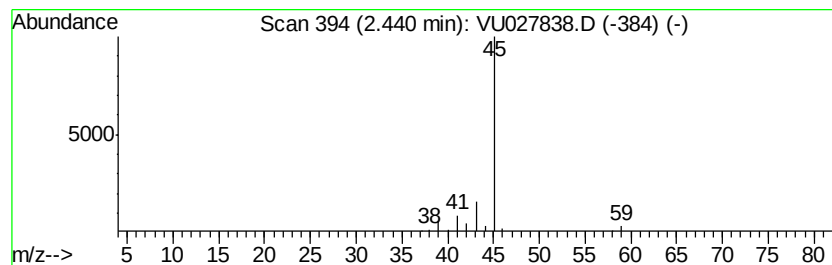
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.90 ug/L	28493	1,4-Difluorobenzene	5.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	74
3			4-Penten-2-ol	86	C5H10O	000625-31-0	9
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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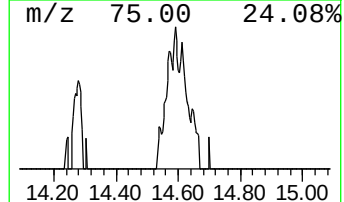
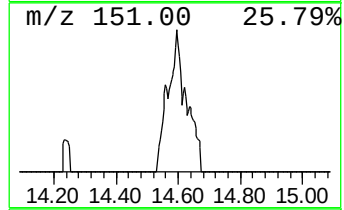
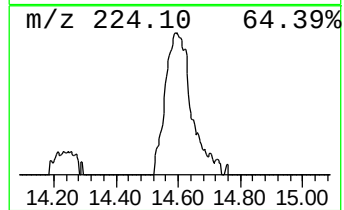
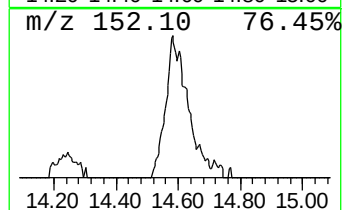
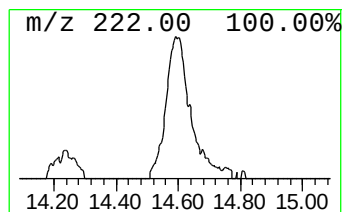
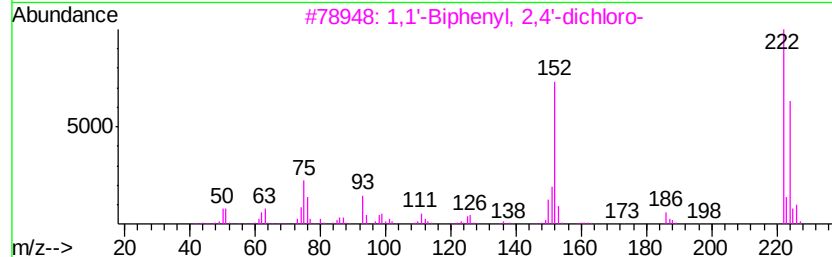
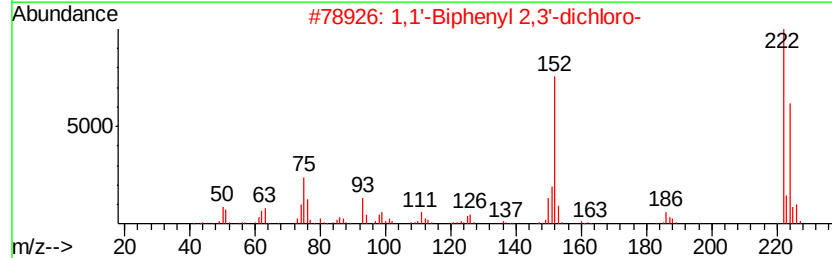
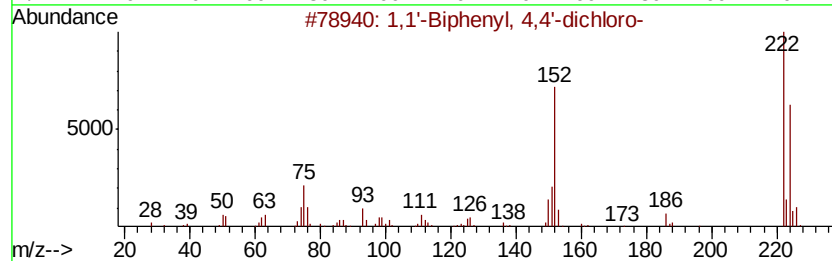
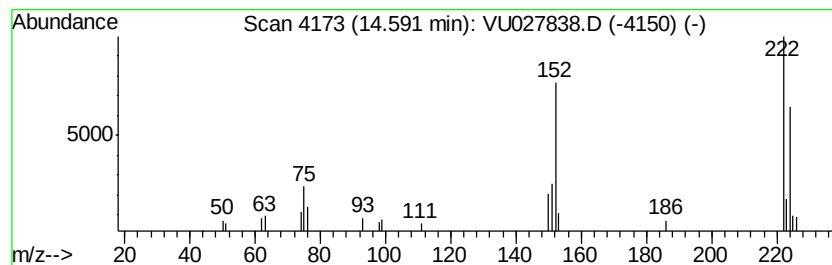
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	6.41 ug/L	41107	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
2		1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96
3		1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96
4		1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	96
5		1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	96



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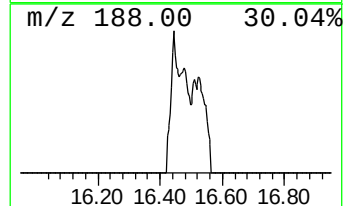
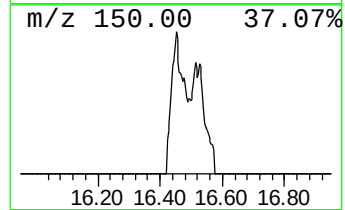
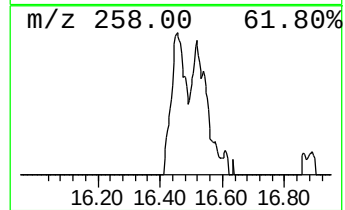
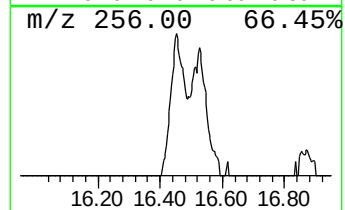
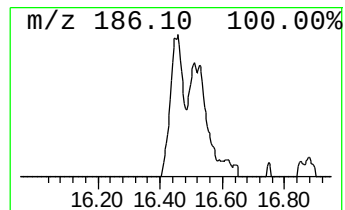
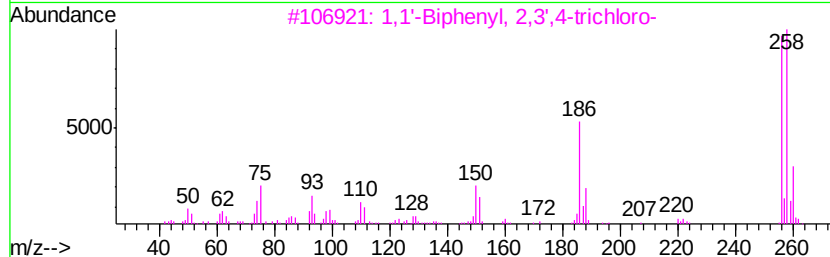
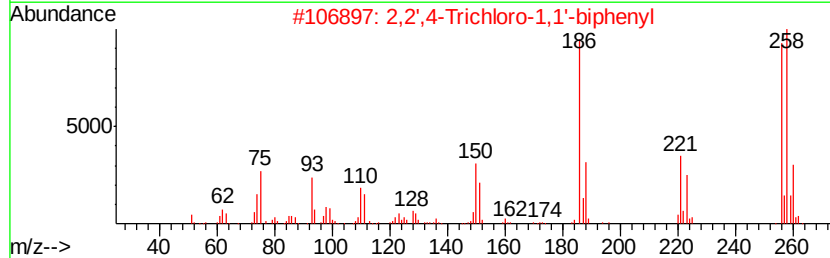
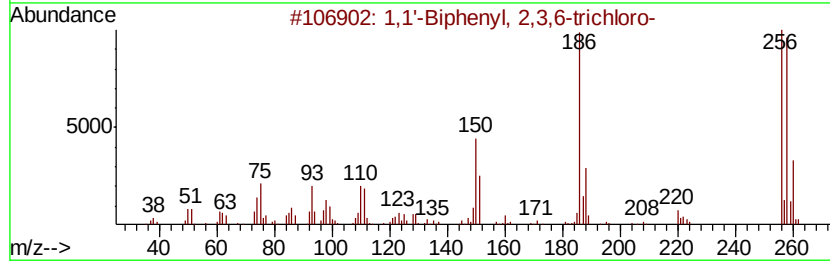
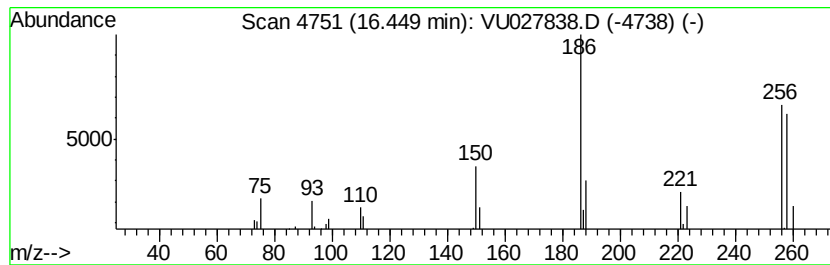
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 7 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.45	3.76 ug/L	24106	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
2	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	98
3	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	97
4	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	96
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027838.D
Acq On : 26 Oct 2018 17:01
Operator : MD/SY
Sample : J5668-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS3

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
Isopropyl Alcohol	2.44	4.9	ug/L	28493	1	5.89	290635	50.0
1,1'-Biphenyl, 4,...	14.59	6.4	ug/L	41107	3	11.48	320443	50.0
1,1'-Biphenyl, 2,...	16.45	3.8	ug/L	24106	3	11.48	320443	50.0