

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025946.D
 Acq On : 07 Aug 2018 17:45
 Operator : MD/SY
 Sample : J4363-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA9

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\SOMULM080718WMA.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	0.657	14	21	25	rBV3	370	489	0.03%	0.004%
2	0.683	25	29	35	rVB3	473	492	0.03%	0.004%
3	0.757	48	52	55	rBV3	316	300	0.02%	0.002%
4	0.831	70	75	79	rVB2	308	304	0.02%	0.002%
5	0.902	93	97	101	rVB3	388	430	0.02%	0.003%
6	0.950	105	112	118	rBV2	400	527	0.03%	0.004%
7	1.088	140	155	172	rBV	655133	741379	38.73%	5.374%
8	1.400	245	252	265	rBV	167365	168625	8.81%	1.222%
9	1.683	332	340	355	rVB	115145	144623	7.55%	1.048%
10	2.275	513	524	537	rVB	259076	391921	20.47%	2.841%
11	2.407	562	565	568	rVB3	600	309	0.02%	0.002%
12	2.471	582	585	586	rBV	997	537	0.03%	0.004%
13	2.600	623	625	627	rBV2	534	318	0.02%	0.002%
14	2.992	743	747	749	rBV3	941	831	0.04%	0.006%
15	3.297	837	842	846	rBV4	732	864	0.05%	0.006%
16	3.345	853	857	858	rBV2	438	300	0.02%	0.002%
17	3.387	866	870	872	rBV2	500	428	0.02%	0.003%
18	3.452	881	890	898	rBV6	1435	2677	0.14%	0.019%
19	3.886	1020	1025	1027	rBV2	317	320	0.02%	0.002%
20	3.947	1039	1044	1048	rBV3	434	549	0.03%	0.004%
21	3.966	1048	1050	1054	rVB3	493	321	0.02%	0.002%
22	3.998	1054	1060	1062	rBV3	459	400	0.02%	0.003%
23	4.037	1068	1072	1077	rVB4	473	526	0.03%	0.004%
24	4.181	1103	1117	1153	rVV	94913	244549	12.77%	1.773%
25	4.378	1175	1178	1180	rBV2	689	476	0.02%	0.003%
26	4.654	1247	1264	1289	rVV2	198644	464694	24.27%	3.369%
27	4.770	1298	1300	1305	rVB2	704	513	0.03%	0.004%
28	4.882	1331	1335	1336	rBV	815	583	0.03%	0.004%
29	4.976	1358	1364	1365	rBV3	480	404	0.02%	0.003%
30	4.992	1365	1369	1375	rVB3	955	1150	0.06%	0.008%
31	5.075	1392	1395	1400	rVB2	652	614	0.03%	0.004%
32	5.162	1419	1422	1425	rBV2	396	313	0.02%	0.002%
33	5.345	1453	1479	1507	rBV2	395756	1164343	60.82%	8.441%
34	5.519	1530	1533	1537	rVB3	400	358	0.02%	0.003%

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 Title : VOC Analysis

35	5.538	1537	1539	1544	rVB3	446	352	0.02%	0.003%
36	5.632	1562	1568	1571	rBV3	371	396	0.02%	0.003%
37	5.892	1634	1649	1674	rBV	430806	836765	43.71%	6.066%
38	6.149	1726	1729	1733	rBV2	379	328	0.02%	0.002%
39	6.191	1738	1742	1748	rVB4	664	725	0.04%	0.005%
40	6.336	1773	1787	1808	rBV	260350	516934	27.00%	3.747%
41	6.529	1842	1847	1849	rBV2	473	478	0.02%	0.003%
42	6.696	1894	1899	1902	rBV3	453	315	0.02%	0.002%
43	6.718	1903	1906	1912	rVV3	256	319	0.02%	0.002%
44	6.773	1920	1923	1926	rVB2	398	297	0.02%	0.002%
45	6.853	1944	1948	1950	rVV2	461	370	0.02%	0.003%
46	6.879	1953	1956	1962	rVB4	351	303	0.02%	0.002%
47	6.979	1983	1987	1990	rBV2	439	356	0.02%	0.003%
48	7.168	2040	2046	2048	rBV3	339	369	0.02%	0.003%
49	7.233	2053	2066	2093	rBV	154575	277538	14.50%	2.012%
50	7.570	2157	2171	2188	rBV	548162	953989	49.83%	6.916%
51	7.853	2246	2259	2277	rBV	108968	187858	9.81%	1.362%
52	7.943	2283	2287	2290	rBV2	469	421	0.02%	0.003%
53	7.979	2295	2298	2300	rBV3	456	303	0.02%	0.002%
54	8.172	2350	2358	2359	rBV3	1239	1047	0.05%	0.008%
55	8.236	2372	2378	2381	rBV4	602	685	0.04%	0.005%
56	8.313	2390	2402	2439	rBV	287174	512795	26.79%	3.717%
57	8.622	2496	2498	2506	rVB2	387	410	0.02%	0.003%
58	8.757	2538	2540	2546	rVB2	535	568	0.03%	0.004%
59	8.799	2546	2553	2554	rBV2	426	427	0.02%	0.003%
60	8.834	2562	2564	2570	rVB2	480	352	0.02%	0.003%
61	8.998	2611	2615	2617	rBV	616	425	0.02%	0.003%
62	9.094	2631	2645	2683	rBV	603504	1140411	59.57%	8.267%
63	9.255	2691	2695	2703	rVB5	1431	1843	0.10%	0.013%
64	9.377	2727	2733	2744	rBV4	2244	3720	0.19%	0.027%
65	9.480	2760	2765	2769	rVV2	302	311	0.02%	0.002%
66	9.783	2854	2859	2867	rVB7	745	1220	0.06%	0.009%
67	10.094	2951	2956	2959	rBV3	311	388	0.02%	0.003%
68	10.156	2969	2975	2976	rBV2	468	347	0.02%	0.003%
69	10.168	2976	2979	2988	rVB3	774	907	0.05%	0.007%
70	10.246	3000	3003	3006	rVV2	540	342	0.02%	0.002%
71	10.313	3018	3024	3034	rVB5	2037	3139	0.16%	0.023%

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72	10.435	3048	3062	3081	rBV	359351	569448	29.75%	4.128%
73	10.554	3095	3099	3102	rBV	396	316	0.02%	0.002%
74	10.586	3105	3109	3110	rBV	675	377	0.02%	0.003%
75	10.776	3166	3168	3175	rVB2	928	704	0.04%	0.005%
76	11.094	3263	3267	3272	rBV2	437	469	0.02%	0.003%
77	11.152	3278	3285	3292	rBV6	2321	3287	0.17%	0.024%
78	11.223	3305	3307	3312	rVB3	696	432	0.02%	0.003%
79	11.262	3312	3319	3323	rBV4	644	986	0.05%	0.007%
80	11.419	3357	3368	3378	rBV	24318	37051	1.94%	0.269%
81	11.487	3378	3389	3424	rVB2	663384	1415379	73.94%	10.261%
82	11.763	3469	3475	3477	rBV5	1083	961	0.05%	0.007%
83	11.866	3493	3507	3527	rVV2	607588	1269136	66.30%	9.200%
84	12.130	3585	3589	3592	rBV2	453	377	0.02%	0.003%
85	12.483	3694	3699	3703	rBV2	567	597	0.03%	0.004%
86	12.570	3723	3726	3730	rVB3	502	421	0.02%	0.003%
87	12.638	3742	3747	3754	rBV6	1908	2511	0.13%	0.018%
88	12.824	3795	3805	3813	rBV4	2162	3964	0.21%	0.029%
89	12.998	3852	3859	3864	rBV4	1212	1619	0.08%	0.012%
90	13.506	4004	4017	4045	rBV	1200654	1914304	100.00%	13.877%
91	13.747	4085	4092	4100	rBV4	1977	3078	0.16%	0.022%
92	13.991	4155	4168	4187	rBV	328955	540178	28.22%	3.916%
93	14.287	4257	4260	4264	rBV	640	391	0.02%	0.003%
94	14.512	4327	4330	4331	rBV2	588	334	0.02%	0.002%
95	14.737	4398	4400	4402	rBV	684	435	0.02%	0.003%
96	14.789	4413	4416	4418	rBV3	895	599	0.03%	0.004%
97	14.872	4438	4442	4447	rBV3	1058	1021	0.05%	0.007%
98	15.078	4496	4506	4525	rVB3	30361	51943	2.71%	0.377%
99	15.316	4574	4580	4582	rBV4	1112	1297	0.07%	0.009%
100	15.654	4674	4685	4701	rBV2	107308	189599	9.90%	1.374%

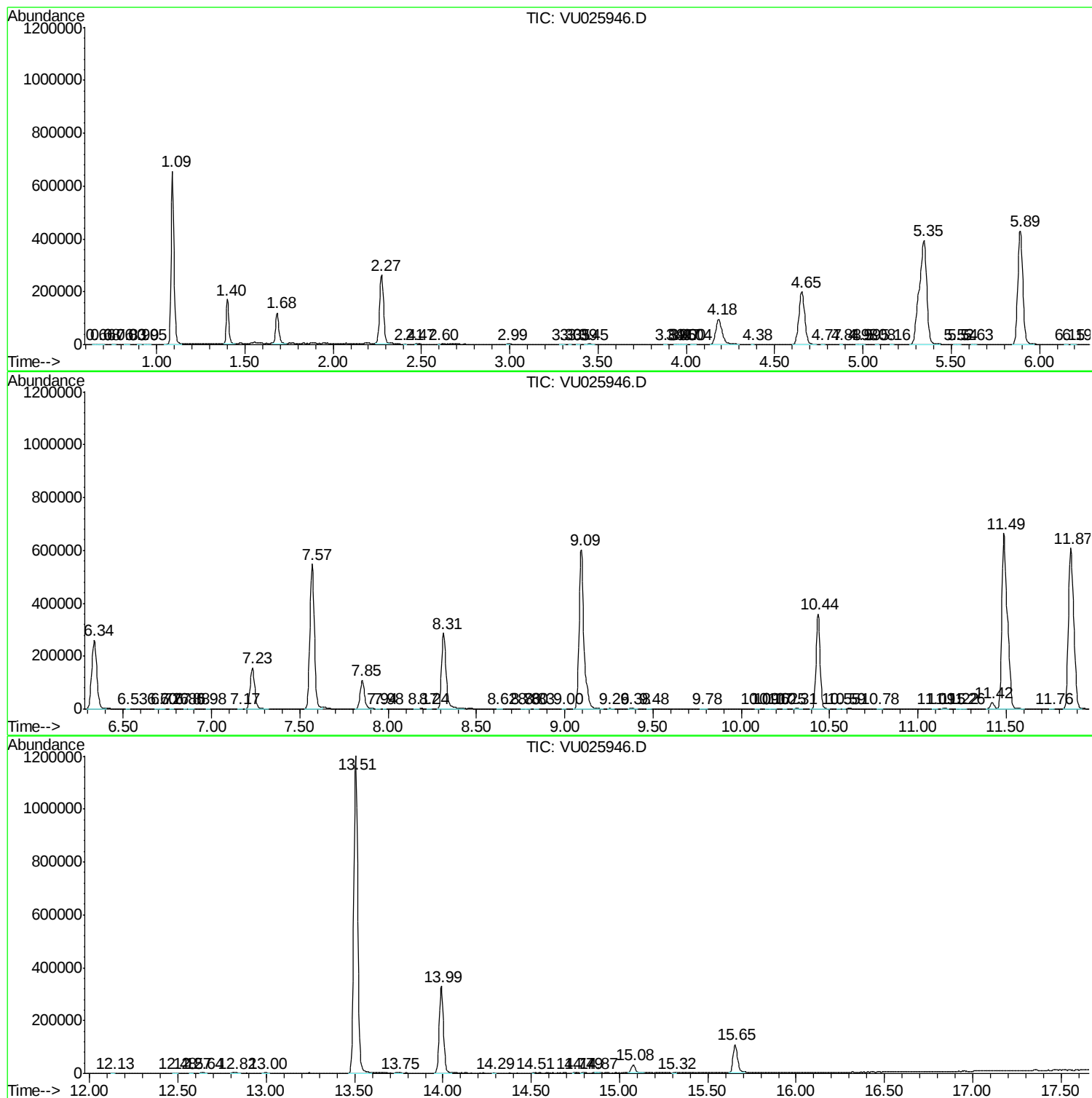
Sum of corrected areas: 13794434

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis

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



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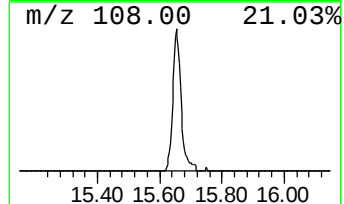
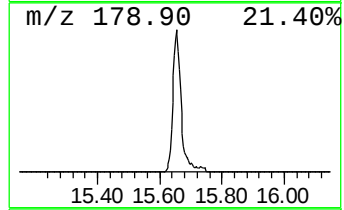
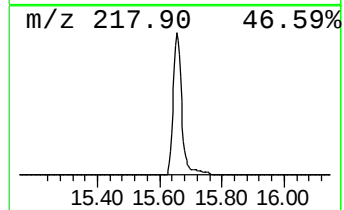
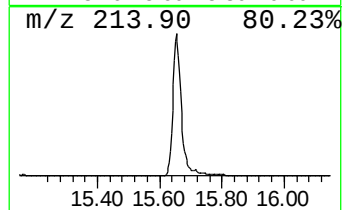
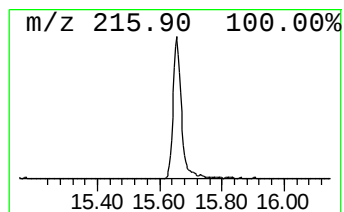
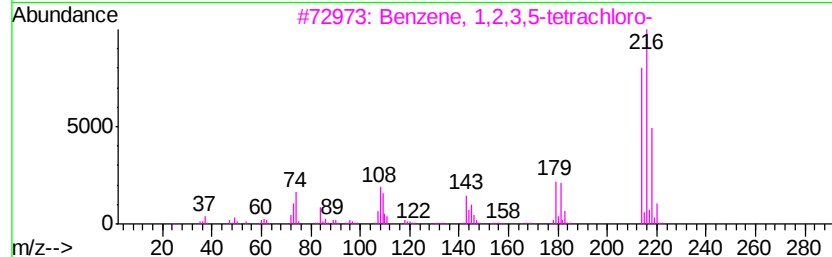
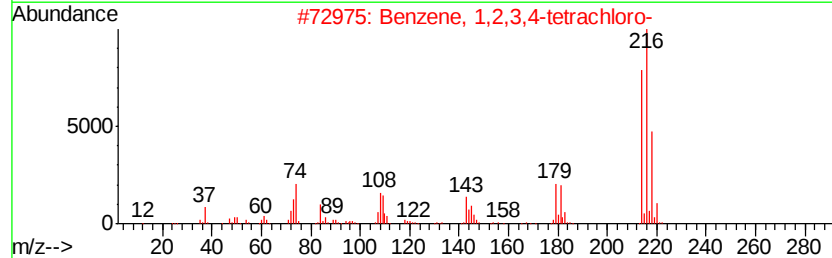
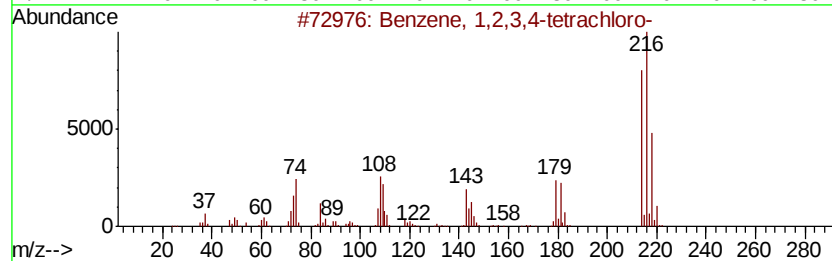
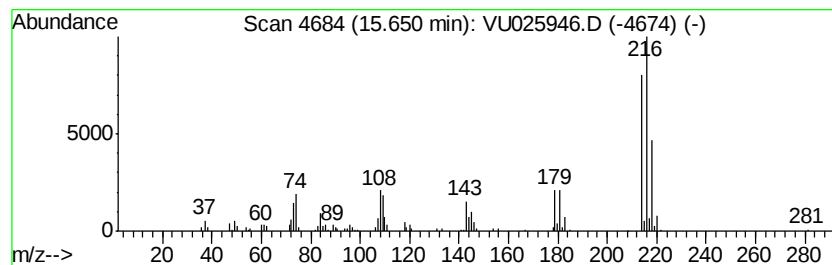
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.65	6.70 ug/L	189599	1,4-Dichlorobenzene-d4	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99	
2	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99	
3	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99	
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98	
5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	98	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3,4-...	15.65	6.7	ug/L	189599	3	11.49	1415380	50.0