

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051049.D
 Acq On : 30 Sep 2022 21:13
 Operator : JC/MD
 Sample : N4859-23
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E10054

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M

Title : VOC Analysis

Signal : TIC: VU051049.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	101	rVB	188434	227272	13.09%	1.656%
2	1.906	169	176	200	rVB	230556	328492	18.92%	2.394%
3	2.565	369	381	396	rBV	311296	507080	29.21%	3.696%
4	2.771	442	445	447	rBV3	460	335	0.02%	0.002%
5	3.034	524	527	531	rBV2	1123	1139	0.07%	0.008%
6	3.182	566	573	586	rVB5	2524	4631	0.27%	0.034%
7	3.504	667	673	677	rBV2	381	415	0.02%	0.003%
8	3.594	698	701	708	rVB2	433	409	0.02%	0.003%
9	3.858	778	783	785	rBV2	784	743	0.04%	0.005%
10	4.208	886	892	895	rBV2	422	465	0.03%	0.003%
11	4.263	907	909	914	rVB	716	502	0.03%	0.004%
12	4.626	1009	1022	1052	rBV	182272	489433	28.20%	3.567%
13	5.060	1141	1157	1184	rBV	316838	694781	40.03%	5.064%
14	5.276	1222	1224	1226	rBV3	549	341	0.02%	0.002%
15	5.375	1249	1255	1259	rVB4	595	629	0.04%	0.005%
16	5.722	1340	1363	1385	rBV2	634280	1735757	100.00%	12.651%
17	6.041	1460	1462	1468	rVB2	539	512	0.03%	0.004%
18	6.134	1487	1491	1497	rVB3	716	631	0.04%	0.005%
19	6.247	1512	1526	1548	rBV	541850	1035323	59.65%	7.546%
20	6.530	1600	1614	1628	rVB3	12323	24357	1.40%	0.178%
21	6.690	1649	1664	1688	rBV	413509	811969	46.78%	5.918%
22	7.009	1757	1763	1766	rBV2	356	363	0.02%	0.003%
23	7.054	1774	1777	1784	rBV2	435	368	0.02%	0.003%
24	7.565	1921	1936	1957	rBV	211034	367986	21.20%	2.682%
25	7.693	1971	1976	1979	rBV4	813	815	0.05%	0.006%
26	7.783	2002	2004	2010	rVB3	516	397	0.02%	0.003%
27	7.896	2025	2039	2069	rBV	723352	1253803	72.23%	9.138%
28	8.179	2115	2127	2142	rBV	144864	248126	14.29%	1.808%
29	8.333	2170	2175	2182	rBV7	694	966	0.06%	0.007%
30	8.555	2238	2244	2250	rVB5	1506	1936	0.11%	0.014%
31	8.636	2257	2269	2298	rBV2	488018	1055803	60.83%	7.695%
32	8.989	2374	2379	2381	rBV2	447	401	0.02%	0.003%
33	9.050	2394	2398	2399	rBV	581	424	0.02%	0.003%
34	9.256	2459	2462	2469	rVB	850	570	0.03%	0.004%
35	9.414	2498	2511	2533	rBV	785415	1298437	74.81%	9.463%
36	9.565	2553	2558	2561	rBV4	1215	1494	0.09%	0.011%

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 Title : VOC Analysis

37	9.674	2588	2592	2594	rBV2	478	421	0.02%	0.003%
38	9.693	2594	2598	2605	rVB5	1332	1754	0.10%	0.013%
39	9.861	2647	2650	2655	rVB2	487	340	0.02%	0.002%
40	10.092	2718	2722	2726	rBV3	1041	1232	0.07%	0.009%
41	10.192	2749	2753	2758	rVB	641	562	0.03%	0.004%
42	10.446	2828	2832	2836	rBV	345	379	0.02%	0.003%
43	10.484	2837	2844	2853	rVV6	2824	4410	0.25%	0.032%
44	10.545	2857	2863	2867	rBV2	444	382	0.02%	0.003%
45	10.700	2907	2911	2915	rBV2	511	442	0.03%	0.003%
46	10.754	2915	2928	2950	rVV	610132	975430	56.20%	7.109%
47	10.886	2964	2969	2971	rVV3	1068	951	0.05%	0.007%
48	10.902	2971	2974	2980	rVB4	1283	1146	0.07%	0.008%
49	11.002	3001	3005	3008	rBV3	467	403	0.02%	0.003%
50	11.095	3024	3034	3038	rBV4	981	1470	0.08%	0.011%
51	11.121	3040	3042	3046	rVB2	701	377	0.02%	0.003%
52	11.214	3065	3071	3075	rBV2	555	570	0.03%	0.004%
53	11.295	3089	3096	3102	rBV4	1634	1943	0.11%	0.014%
54	11.468	3145	3150	3155	rBV3	2080	1862	0.11%	0.014%
55	11.735	3227	3233	3236	rBV3	915	861	0.05%	0.006%
56	11.809	3243	3256	3272	rBV	622050	999258	57.57%	7.283%
57	11.896	3278	3283	3295	rVB8	3811	5478	0.32%	0.040%
58	11.999	3313	3315	3320	rBV6	861	712	0.04%	0.005%
59	12.089	3327	3343	3355	rVB7	6856	14717	0.85%	0.107%
60	12.137	3356	3358	3362	rVB4	666	382	0.02%	0.003%
61	12.192	3362	3375	3400	rBV	638178	1050955	60.55%	7.660%
62	12.369	3428	3430	3433	rBV3	572	388	0.02%	0.003%
63	12.410	3440	3443	3451	rVB4	648	668	0.04%	0.005%
64	12.481	3461	3465	3469	rVV4	833	797	0.05%	0.006%
65	12.680	3519	3527	3536	rBV5	5562	7167	0.41%	0.052%
66	12.764	3550	3553	3559	rBV4	610	506	0.03%	0.004%
67	12.809	3559	3567	3576	rBV8	3908	6885	0.40%	0.050%
68	12.864	3580	3584	3586	rBV2	540	457	0.03%	0.003%
69	12.925	3595	3603	3611	rBV5	6065	9100	0.52%	0.066%
70	12.967	3613	3616	3626	rVB5	2039	2398	0.14%	0.017%
71	13.028	3627	3635	3645	rBV8	4202	8037	0.46%	0.059%
72	13.111	3654	3661	3672	rVB3	10992	17620	1.02%	0.128%
73	13.192	3684	3686	3691	rVB	701	513	0.03%	0.004%
74	13.295	3714	3718	3723	rBV3	951	1315	0.08%	0.010%
75	13.323	3723	3727	3736	rVB5	2814	3119	0.18%	0.023%
76	13.455	3760	3768	3773	rVB6	2129	2761	0.16%	0.020%

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 Title : VOC Analysis

77	13.526	3786	3790	3794	rVB4	1411	1537	0.09%	0.011%
78	13.626	3814	3821	3834	rBV5	5205	8916	0.51%	0.065%
79	13.786	3862	3871	3872	rBV6	879	1224	0.07%	0.009%
80	13.835	3880	3886	3893	rBV4	1901	2427	0.14%	0.018%
81	13.876	3893	3899	3907	rBV2	5651	7858	0.45%	0.057%
82	14.060	3946	3956	3961	rBV3	13500	20847	1.20%	0.152%
83	14.166	3984	3989	3999	rBV7	3921	7131	0.41%	0.052%
84	14.243	4008	4013	4021	rVB6	7093	9814	0.57%	0.072%
85	14.288	4021	4027	4036	rVB8	5146	6480	0.37%	0.047%
86	14.336	4037	4042	4050	rVB8	3126	5093	0.29%	0.037%
87	14.523	4098	4100	4103	rBV3	919	488	0.03%	0.004%
88	14.667	4139	4145	4146	rBV3	1706	1462	0.08%	0.011%
89	14.802	4178	4187	4195	rBV9	4962	7876	0.45%	0.057%
90	14.873	4204	4209	4221	rVB4	7912	13800	0.80%	0.101%
91	15.011	4249	4252	4255	rBV4	910	650	0.04%	0.005%
92	15.169	4294	4301	4309	rVB	11434	16237	0.94%	0.118%
93	15.256	4323	4328	4332	rBV6	2246	2568	0.15%	0.019%
94	15.359	4358	4360	4363	rVB3	769	382	0.02%	0.003%
95	15.413	4368	4377	4391	rVB3	21280	41113	2.37%	0.300%
96	15.954	4538	4545	4552	rBV5	5022	7752	0.45%	0.056%
97	16.182	4609	4616	4627	rVB6	6587	11814	0.68%	0.086%
98	16.609	4741	4749	4755	rBV3	14762	25458	1.47%	0.186%
99	16.783	4798	4803	4808	rBV6	5077	6293	0.36%	0.046%
100	17.095	4889	4900	4926	rBV	153155	288045	16.59%	2.099%

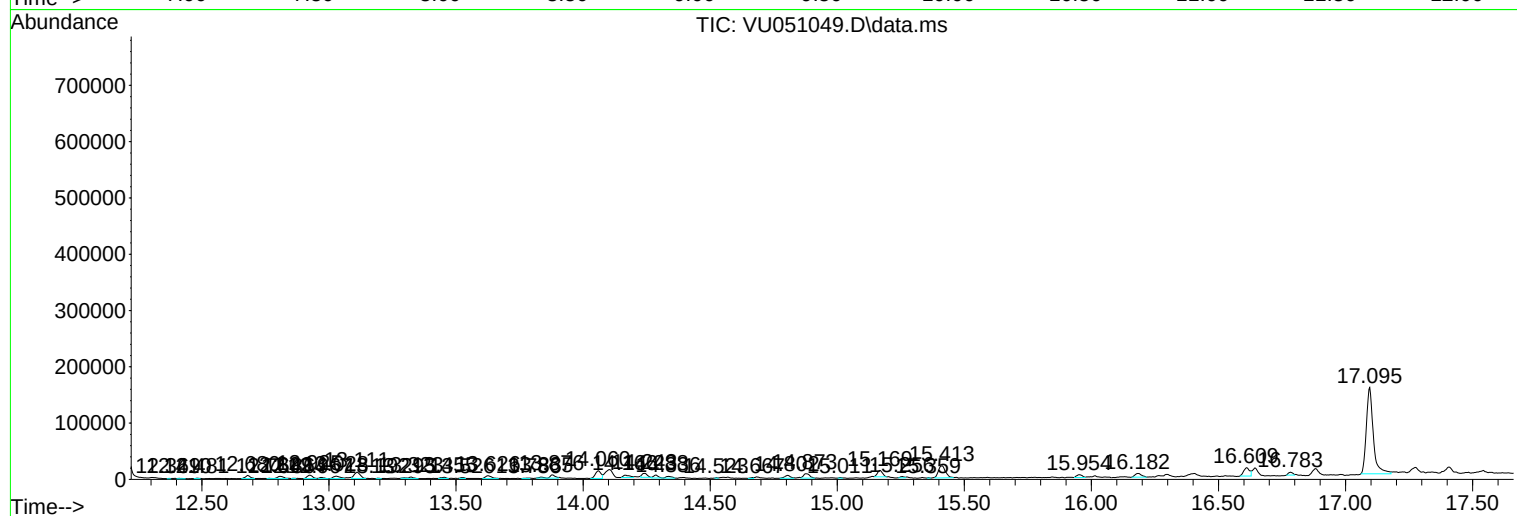
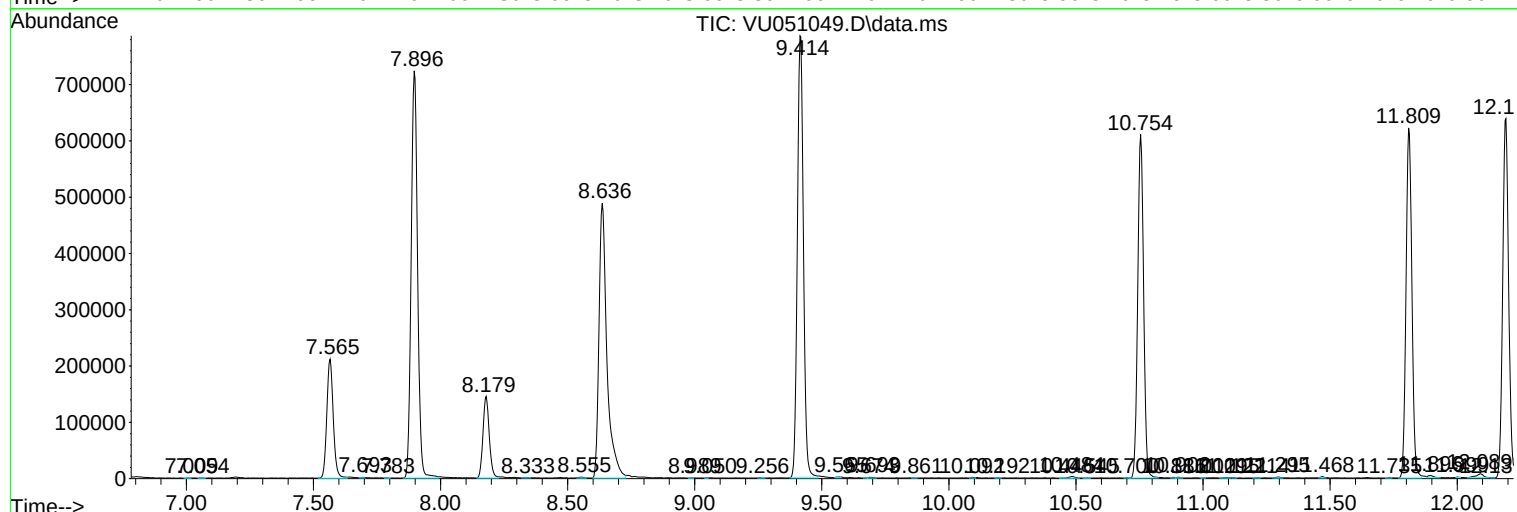
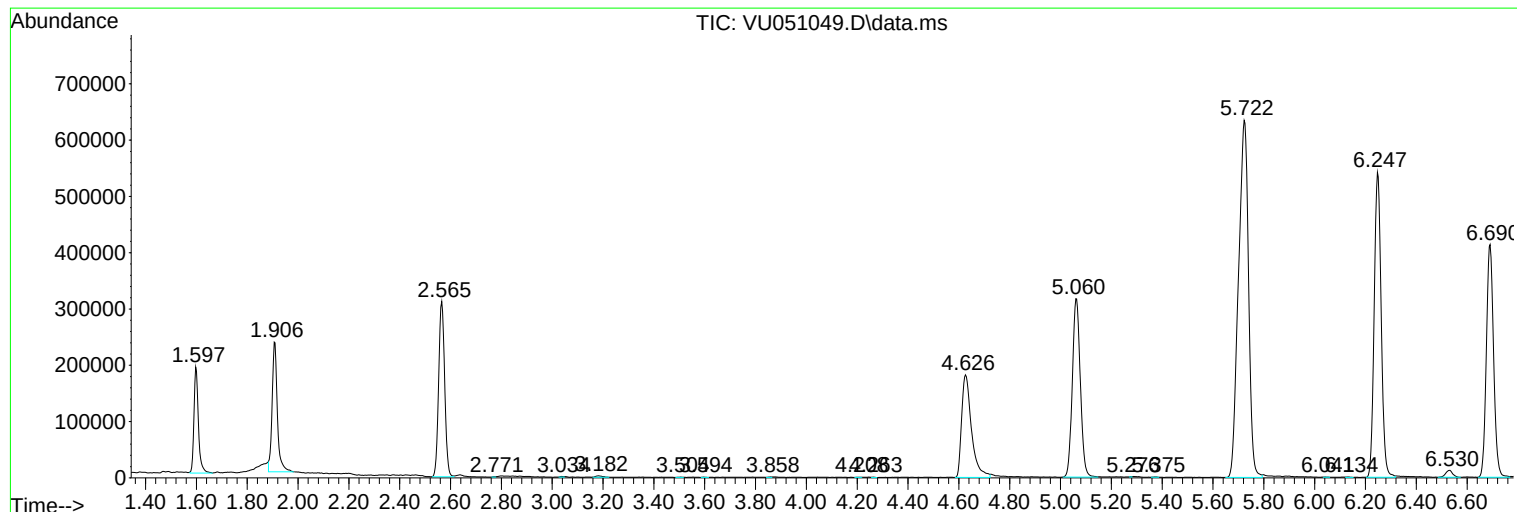
Sum of corrected areas: 13720538

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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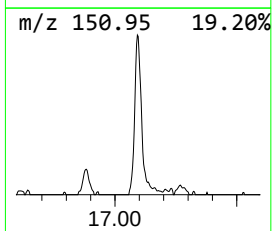
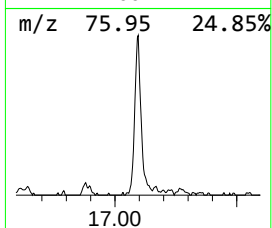
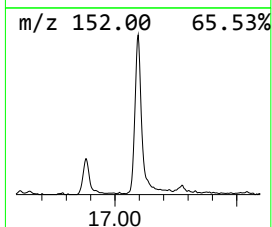
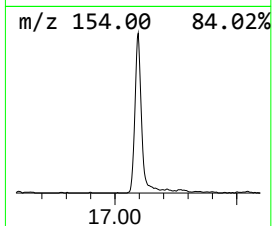
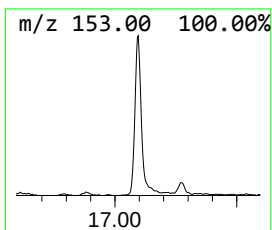
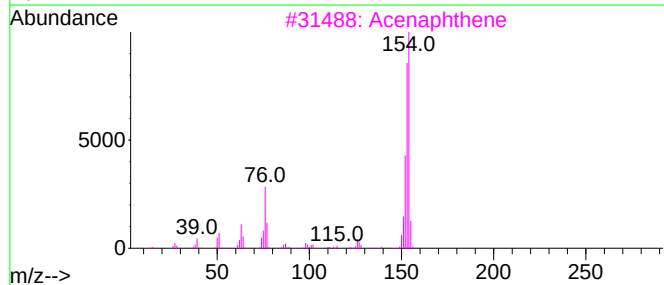
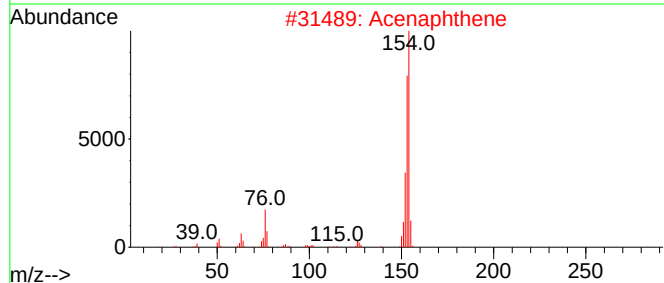
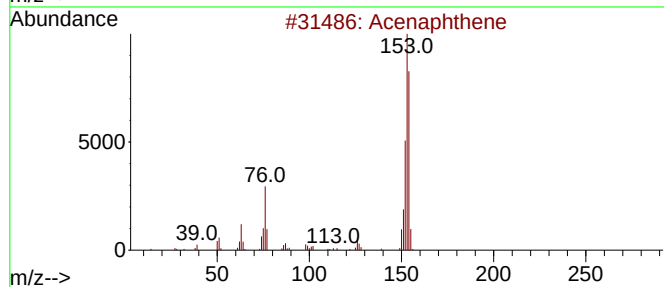
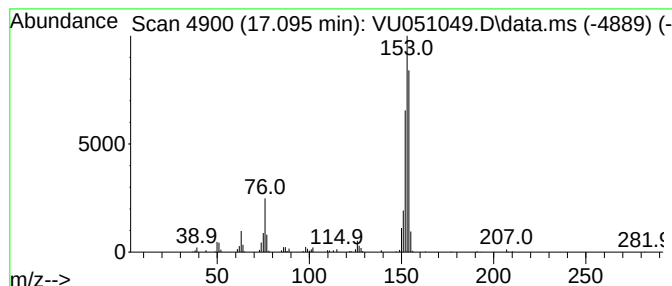
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	14.41 ug/L	288045	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Acenaphthene	154	C12H10	000083-32-9	72
3			Acenaphthene	154	C12H10	000083-32-9	64
4			Acenaphthene	154	C12H10	000083-32-9	60
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Ethenonapht...	17.095	14.4	ug/L	288045	3	11.809	999258	50.0