

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
 Data File : VV031750.D
 Acq On : 25 Jul 2023 18:49
 Operator : SY/MD
 Sample : 03712-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH2W0

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_V\Method\SFAMVLM072523WMA.M
 Title : VOC Analysis

Signal : TIC: VV031750.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	67	74	92	rVB	229253	249073	14.70%	1.967%
2	1.532	146	153	168	rVB	223936	259150	15.29%	2.047%
3	1.976	289	291	293	rBV3	1645	951	0.06%	0.008%
4	2.060	305	317	330	rBV	349482	508136	29.99%	4.014%
5	2.217	360	366	368	rBV6	2434	2611	0.15%	0.021%
6	2.565	465	474	476	rBV9	2385	3061	0.18%	0.024%
7	2.696	509	515	518	rBV6	1404	1444	0.09%	0.011%
8	2.873	568	570	574	rVV4	1366	1124	0.07%	0.009%
9	2.912	578	582	586	rVB4	1203	853	0.05%	0.007%
10	2.976	600	602	610	rVB7	1548	1055	0.06%	0.008%
11	3.790	846	855	890	rBV	138362	404582	23.88%	3.196%
12	4.044	932	934	937	rBV4	1472	846	0.05%	0.007%
13	4.253	982	999	1029	rBV	305078	782557	46.18%	6.182%
14	4.397	1040	1044	1050	rBV7	2523	3199	0.19%	0.025%
15	4.577	1096	1100	1107	rVB7	1601	1241	0.07%	0.010%
16	4.632	1112	1117	1123	rVB8	1386	1534	0.09%	0.012%
17	4.773	1156	1161	1164	rBV5	2387	2445	0.14%	0.019%
18	4.963	1202	1220	1248	rBV2	627195	1694409	100.00%	13.384%
19	5.211	1294	1297	1301	rVB5	1897	1542	0.09%	0.012%
20	5.230	1301	1303	1306	rBV3	1362	942	0.06%	0.007%
21	5.355	1340	1342	1348	rVB6	1539	1148	0.07%	0.009%
22	5.429	1361	1365	1369	rBV5	1220	1207	0.07%	0.010%
23	5.449	1369	1371	1374	rVB4	1452	906	0.05%	0.007%
24	5.539	1386	1399	1424	rBV	411915	875161	51.65%	6.913%
25	5.770	1468	1471	1476	rVB4	2261	1514	0.09%	0.012%
26	5.831	1479	1490	1504	rBV3	28603	67569	3.99%	0.534%
27	5.995	1527	1541	1560	rBV	404920	829869	48.98%	6.555%
28	6.535	1704	1709	1711	rBV5	956	875	0.05%	0.007%
29	6.577	1713	1722	1725	rBV9	3617	5102	0.30%	0.040%
30	6.664	1746	1749	1755	rVB6	1590	1575	0.09%	0.012%
31	6.732	1767	1770	1774	rBV5	1383	1091	0.06%	0.009%
32	6.799	1787	1791	1794	rBV6	1330	1117	0.07%	0.009%
33	6.867	1808	1812	1815	rBV4	1041	934	0.06%	0.007%
34	6.918	1815	1828	1854	rBV	176941	339400	20.03%	2.681%
35	7.166	1901	1905	1909	rBV6	1343	1366	0.08%	0.011%
36	7.249	1919	1931	1963	rBV	589194	1081988	63.86%	8.547%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Title : VOC Analysis

37	7.558	2016	2027	2050	rBV	133529	245190	14.47%	1.937%
38	7.754	2082	2088	2090	rBV5	1160	1120	0.07%	0.009%
39	7.828	2108	2111	2115	rVV5	1889	1391	0.08%	0.011%
40	7.879	2120	2127	2131	rVV6	4074	5755	0.34%	0.045%
41	7.918	2134	2139	2148	rVB6	4495	6729	0.40%	0.053%
42	8.031	2157	2174	2205	rBV	455324	903311	53.31%	7.135%
43	8.789	2398	2410	2430	rBV	676420	1137806	67.15%	8.988%
44	9.275	2557	2561	2563	rBV5	976	837	0.05%	0.007%
45	9.317	2571	2574	2576	rBV3	1635	1022	0.06%	0.008%
46	9.365	2583	2589	2592	rBV7	1555	1139	0.07%	0.009%
47	9.680	2682	2687	2690	rBV3	1171	1182	0.07%	0.009%
48	9.924	2758	2763	2766	rBV3	1529	1372	0.08%	0.011%
49	10.075	2805	2810	2812	rBV4	1858	1607	0.09%	0.013%
50	10.159	2823	2836	2860	rVV	591549	941026	55.54%	7.433%
51	10.268	2864	2870	2874	rBV6	2725	2932	0.17%	0.023%
52	10.288	2874	2876	2879	rVB4	1661	845	0.05%	0.007%
53	10.310	2879	2883	2884	rBV4	1346	852	0.05%	0.007%
54	10.432	2916	2921	2925	rVB4	1824	1954	0.12%	0.015%
55	10.522	2945	2949	2950	rBV2	1173	829	0.05%	0.007%
56	10.574	2961	2965	2968	rBV6	2039	1844	0.11%	0.015%
57	10.593	2969	2971	2975	rVB3	2121	1160	0.07%	0.009%
58	10.683	2997	2999	3003	rVB4	1231	828	0.05%	0.007%
59	10.809	3036	3038	3043	rVB4	1426	1096	0.06%	0.009%
60	10.863	3050	3055	3060	rBV6	2071	2206	0.13%	0.017%
61	10.911	3065	3070	3075	rBV7	1750	1972	0.12%	0.016%
62	10.992	3093	3095	3098	rBV2	1935	1215	0.07%	0.010%
63	11.098	3124	3128	3129	rBV2	1678	978	0.06%	0.008%
64	11.127	3134	3137	3144	rVV9	3813	5511	0.33%	0.044%
65	11.191	3145	3157	3180	rVV	651397	1015628	59.94%	8.023%
66	11.320	3194	3197	3200	rBV4	1951	1487	0.09%	0.012%
67	11.355	3205	3208	3211	rBV3	2090	1606	0.09%	0.013%
68	11.509	3247	3256	3259	rBV7	5200	7669	0.45%	0.061%
69	11.567	3262	3274	3292	rVV	729741	1149149	67.82%	9.077%
70	11.847	3358	3361	3367	rVB7	1401	1501	0.09%	0.012%
71	11.892	3370	3375	3377	rBV5	2211	2040	0.12%	0.016%
72	11.950	3386	3393	3399	rBV6	7055	10070	0.59%	0.080%
73	12.091	3433	3437	3440	rBV4	2156	1781	0.11%	0.014%
74	12.471	3551	3555	3556	rBV3	1597	994	0.06%	0.008%
75	12.558	3577	3582	3585	rBV6	1347	1435	0.08%	0.011%
76	12.583	3585	3590	3594	rBV7	2408	2612	0.15%	0.021%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Title : VOC Analysis

77	12.831	3661	3667	3670	rBV6	1278	1227	0.07%	0.010%
78	12.921	3692	3695	3697	rBV2	1602	858	0.05%	0.007%
79	12.950	3697	3704	3708	rVV6	1323	1944	0.11%	0.015%
80	13.008	3719	3722	3725	rBV4	1179	1017	0.06%	0.008%
81	13.053	3732	3736	3737	rBV4	1542	911	0.05%	0.007%
82	13.204	3780	3783	3785	rBV4	1990	1354	0.08%	0.011%
83	13.339	3820	3825	3827	rBV4	1144	1070	0.06%	0.008%
84	13.362	3830	3832	3836	rBV2	1323	1034	0.06%	0.008%
85	13.390	3836	3841	3846	rVV7	1522	1666	0.10%	0.013%
86	13.635	3910	3917	3919	rBV5	988	1002	0.06%	0.008%
87	13.805	3968	3970	3973	rBV4	2039	1142	0.07%	0.009%
88	13.873	3984	3991	4004	rVB3	14239	22425	1.32%	0.177%
89	13.992	4020	4028	4034	rBV5	3463	5278	0.31%	0.042%
90	14.056	4045	4048	4052	rBV4	1532	959	0.06%	0.008%
91	14.114	4063	4066	4069	rBV3	1536	1046	0.06%	0.008%
92	14.133	4069	4072	4075	rBV3	1372	1069	0.06%	0.008%
93	14.214	4095	4097	4101	rVB5	1895	1219	0.07%	0.010%
94	14.316	4125	4129	4134	rVB7	2477	2324	0.14%	0.018%
95	14.371	4141	4146	4147	rBV4	2186	1651	0.10%	0.013%
96	14.416	4155	4160	4161	rBV4	2488	2063	0.12%	0.016%
97	14.461	4171	4174	4177	rBV6	3305	2573	0.15%	0.020%
98	14.570	4205	4208	4211	rBV5	2311	1754	0.10%	0.014%
99	15.400	4464	4466	4468	rBV3	1956	1033	0.06%	0.008%
100	16.004	4652	4654	4658	rBV5	2480	1766	0.10%	0.014%

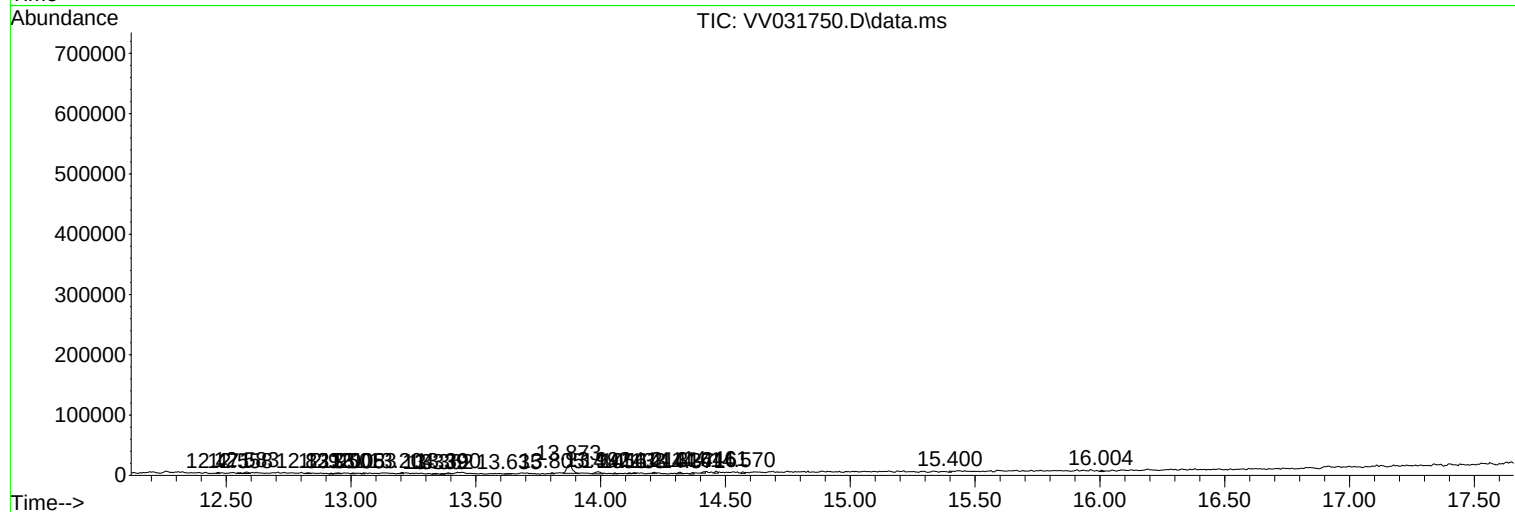
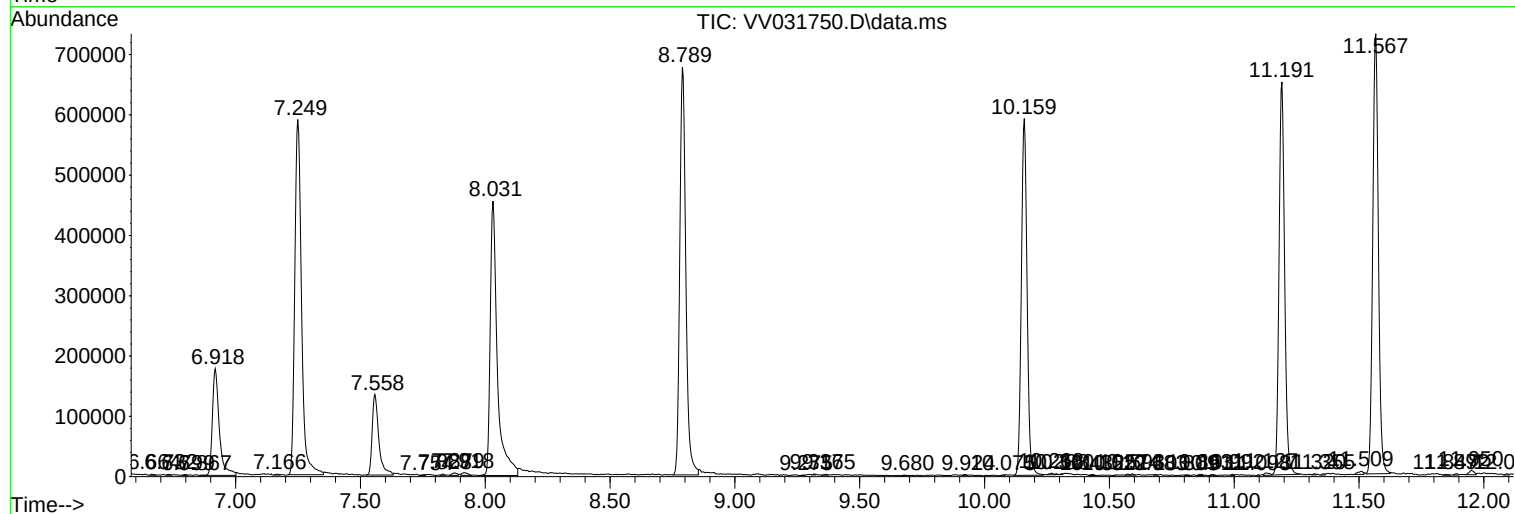
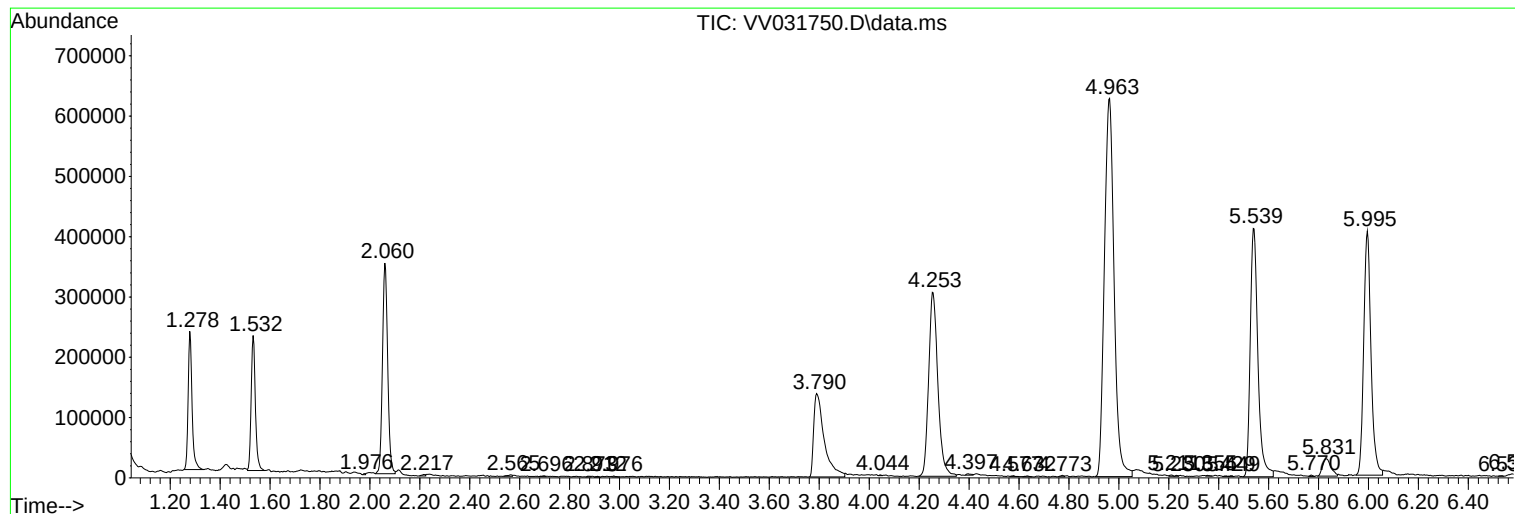
Sum of corrected areas: 12659643

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

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



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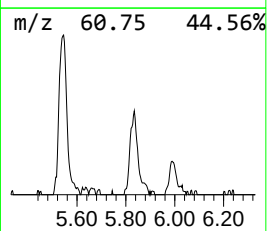
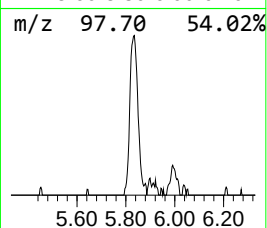
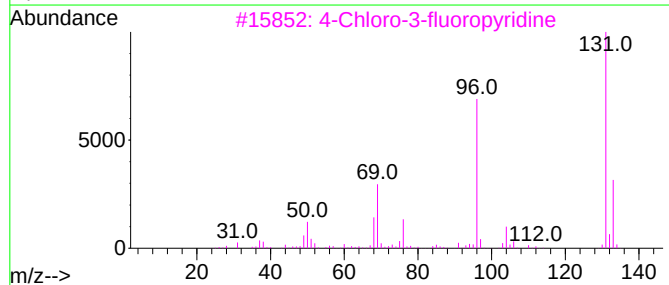
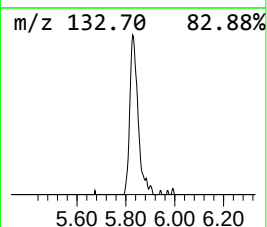
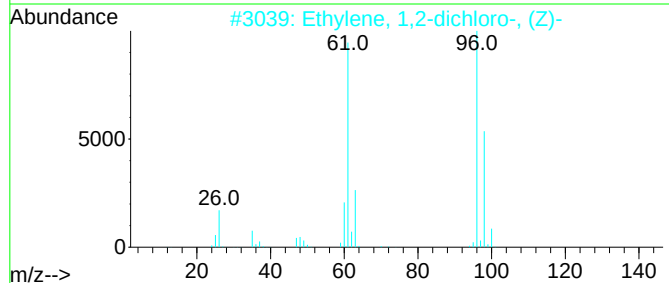
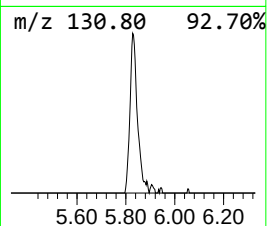
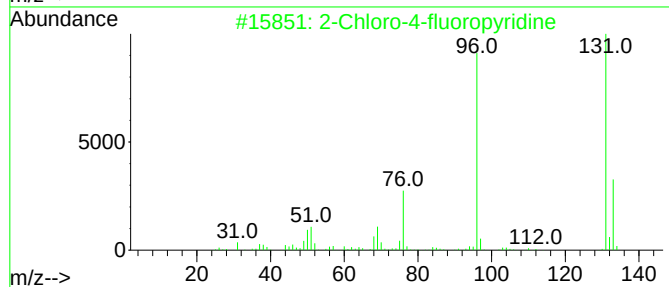
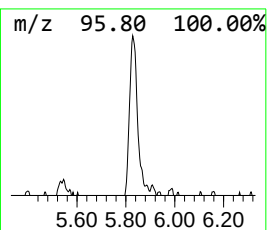
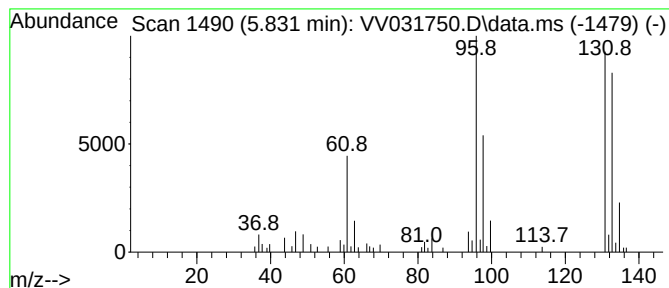
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.831	3.86 ug/L	67569	1,4-Difluorobenzene	5.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	38
2		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3		4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	25
4		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	12
5		2-Chloro-5-methylthiazole	133	C4H4ClNS	033342-65-3	10



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.831	3.9	ug/L	67569	1	5.539	875161	50.0