

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
 Data File : VU053007.D
 Acq On : 08 Feb 2023 18:23
 Operator : JC/MD
 Sample : 01412-04DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M4DL

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\SFAMULM020823WMA.M
 Title : VOC Analysis

Signal : TIC: VU053007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.257	44	52	66	rVB	232950	300213	14.71%	2.504%
2	1.518	126	133	136	rBV7	11575	15425	0.76%	0.129%
3	1.598	151	158	173	rBV	186597	219637	10.76%	1.832%
4	1.913	249	256	272	rBV	154254	221363	10.85%	1.846%
5	2.566	448	459	474	rVB	291987	476473	23.35%	3.973%
6	2.961	580	582	588	rVB6	1592	1293	0.06%	0.011%
7	3.039	603	606	607	rBV3	1597	957	0.05%	0.008%
8	3.119	626	631	632	rBV5	1110	991	0.05%	0.008%
9	3.180	640	650	652	rBV3	6129	8712	0.43%	0.073%
10	3.251	669	672	674	rBV3	1233	811	0.04%	0.007%
11	3.421	722	725	728	rBV4	1216	746	0.04%	0.006%
12	3.656	795	798	801	rBV5	1364	1085	0.05%	0.009%
13	3.759	827	830	833	rVB4	1352	923	0.05%	0.008%
14	4.112	937	940	943	rBV5	1365	909	0.04%	0.008%
15	4.206	966	969	973	rVV5	1051	865	0.04%	0.007%
16	4.235	975	978	986	rVB7	1305	1354	0.07%	0.011%
17	4.312	999	1002	1004	rVB3	1398	811	0.04%	0.007%
18	4.347	1009	1013	1016	rVV5	1111	860	0.04%	0.007%
19	4.437	1037	1041	1047	rVB7	1384	1544	0.08%	0.013%
20	4.627	1081	1100	1105	rBV	82703	180593	8.85%	1.506%
21	4.965	1201	1205	1209	rBV5	1063	792	0.04%	0.007%
22	5.058	1218	1234	1255	rBV	250964	553407	27.12%	4.615%
23	5.222	1281	1285	1289	rBV6	900	841	0.04%	0.007%
24	5.373	1327	1332	1338	rVB10	1877	2171	0.11%	0.018%
25	5.485	1363	1367	1372	rVB7	1670	1595	0.08%	0.013%
26	5.547	1381	1386	1390	rBV7	1212	1098	0.05%	0.009%
27	5.579	1393	1396	1399	rVB5	1501	1177	0.06%	0.010%
28	5.720	1416	1440	1460	rBV2	494672	1331875	65.26%	11.107%
29	6.148	1570	1573	1576	rVB6	1350	847	0.04%	0.007%
30	6.186	1581	1585	1589	rBV5	1412	1360	0.07%	0.011%
31	6.244	1589	1603	1621	rBV	376914	715976	35.08%	5.971%
32	6.383	1643	1646	1651	rBV7	1115	868	0.04%	0.007%
33	6.440	1659	1664	1667	rBV6	1036	849	0.04%	0.007%
34	6.460	1667	1670	1674	rVB5	1053	868	0.04%	0.007%
35	6.501	1680	1683	1685	rBV4	1486	1000	0.05%	0.008%
36	6.540	1685	1695	1707	rVB4	13907	27888	1.37%	0.233%

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 Title : VOC Analysis

37	6.595	1707	1712	1715	rBV7	1503	1072	0.05%	0.009%
38	6.611	1715	1717	1726	rVB8	1271	1032	0.05%	0.009%
39	6.685	1726	1740	1758	rBV	300965	589507	28.88%	4.916%
40	6.801	1773	1776	1778	rBV4	1163	836	0.04%	0.007%
41	6.958	1821	1825	1830	rBV9	1268	1260	0.06%	0.011%
42	7.032	1845	1848	1851	rVB4	1410	824	0.04%	0.007%
43	7.058	1851	1856	1858	rVB5	1273	985	0.05%	0.008%
44	7.135	1876	1880	1884	rBV5	1963	1916	0.09%	0.016%
45	7.183	1889	1895	1902	rBV9	1579	2388	0.12%	0.020%
46	7.418	1965	1968	1972	rVB6	1427	921	0.05%	0.008%
47	7.450	1972	1978	1982	rBV9	990	1208	0.06%	0.010%
48	7.473	1982	1985	1988	rVB5	1354	1052	0.05%	0.009%
49	7.498	1988	1993	1995	rBV6	1110	1189	0.06%	0.010%
50	7.559	2001	2012	2034	rVB	199949	351678	17.23%	2.933%
51	7.691	2046	2053	2055	rBV8	1544	1646	0.08%	0.014%
52	7.800	2085	2087	2091	rVB4	1025	764	0.04%	0.006%
53	7.894	2102	2116	2139	rBV	670012	1147564	56.23%	9.570%
54	8.173	2192	2203	2225	rVV	139723	237470	11.64%	1.980%
55	8.366	2259	2263	2268	rVB9	1327	1153	0.06%	0.010%
56	8.582	2327	2330	2333	rVV5	1178	808	0.04%	0.007%
57	8.630	2333	2345	2373	rVV2	260629	499709	24.48%	4.167%
58	8.823	2401	2405	2409	rBV6	1333	1034	0.05%	0.009%
59	9.067	2478	2481	2485	rVB6	1142	1009	0.05%	0.008%
60	9.103	2490	2492	2496	rVV5	1280	1211	0.06%	0.010%
61	9.135	2498	2502	2506	rVB7	1422	1080	0.05%	0.009%
62	9.325	2557	2561	2564	rVV6	1576	1655	0.08%	0.014%
63	9.411	2576	2588	2613	rVV2	517571	1177853	57.71%	9.823%
64	9.575	2632	2639	2644	rBV8	2402	3088	0.15%	0.026%
65	9.633	2654	2657	2660	rBV5	1086	988	0.05%	0.008%
66	9.742	2688	2691	2694	rBV4	1549	952	0.05%	0.008%
67	9.897	2734	2739	2744	rVB6	975	1210	0.06%	0.010%
68	9.939	2749	2752	2756	rVB6	1673	1148	0.06%	0.010%
69	9.961	2756	2759	2760	rBV3	1370	809	0.04%	0.007%
70	10.279	2855	2858	2862	rVB5	1409	990	0.05%	0.008%
71	10.315	2867	2869	2874	rVB5	991	761	0.04%	0.006%
72	10.360	2879	2883	2886	rBV7	964	825	0.04%	0.007%
73	10.411	2893	2899	2901	rBV6	1363	1173	0.06%	0.010%
74	10.588	2949	2954	2956	rBV5	1069	836	0.04%	0.007%
75	10.640	2968	2970	2975	rVV5	1177	1114	0.05%	0.009%
76	10.691	2983	2986	2989	rBV5	1271	766	0.04%	0.006%

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 Title : VOC Analysis

77	10.752	2993	3005	3018	rVV	418275	673158	32.98%	5.614%
78	10.842	3030	3033	3035	rBV4	1420	1019	0.05%	0.008%
79	11.038	3090	3094	3096	rBV5	1350	1019	0.05%	0.008%
80	11.267	3163	3165	3170	rBV6	1278	917	0.04%	0.008%
81	11.469	3226	3228	3232	rVB4	2171	1395	0.07%	0.012%
82	11.553	3250	3254	3257	rBV6	1043	891	0.04%	0.007%
83	11.678	3290	3293	3297	rBV6	1277	899	0.04%	0.007%
84	11.742	3305	3313	3321	rBV2	11304	16799	0.82%	0.140%
85	11.807	3321	3333	3361	rVV2	584654	1049398	51.42%	8.751%
86	12.054	3405	3410	3413	rBV6	1037	1100	0.05%	0.009%
87	12.125	3428	3432	3437	rBV6	1670	1836	0.09%	0.015%
88	12.196	3439	3454	3472	rBV2	837215	2040882	100.00%	17.020%
89	12.340	3497	3499	3502	rBV2	1220	804	0.04%	0.007%
90	12.421	3520	3524	3527	rBV5	1391	951	0.05%	0.008%
91	12.730	3615	3620	3623	rBV6	1334	1331	0.07%	0.011%
92	12.778	3632	3635	3638	rBV4	1505	1118	0.05%	0.009%
93	13.218	3767	3772	3777	rBV8	1698	2393	0.12%	0.020%
94	13.710	3921	3925	3926	rBV4	1195	864	0.04%	0.007%
95	13.775	3943	3945	3952	rVB7	1325	801	0.04%	0.007%
96	13.836	3954	3964	3975	rBV	32026	53351	2.61%	0.445%
97	14.086	4039	4042	4043	rBV3	1542	950	0.05%	0.008%
98	14.328	4108	4117	4128	rVB5	8934	15368	0.75%	0.128%
99	14.858	4278	4282	4284	rBV5	1641	1321	0.06%	0.011%
100	15.218	4391	4394	4395	rBV3	1800	1049	0.05%	0.009%

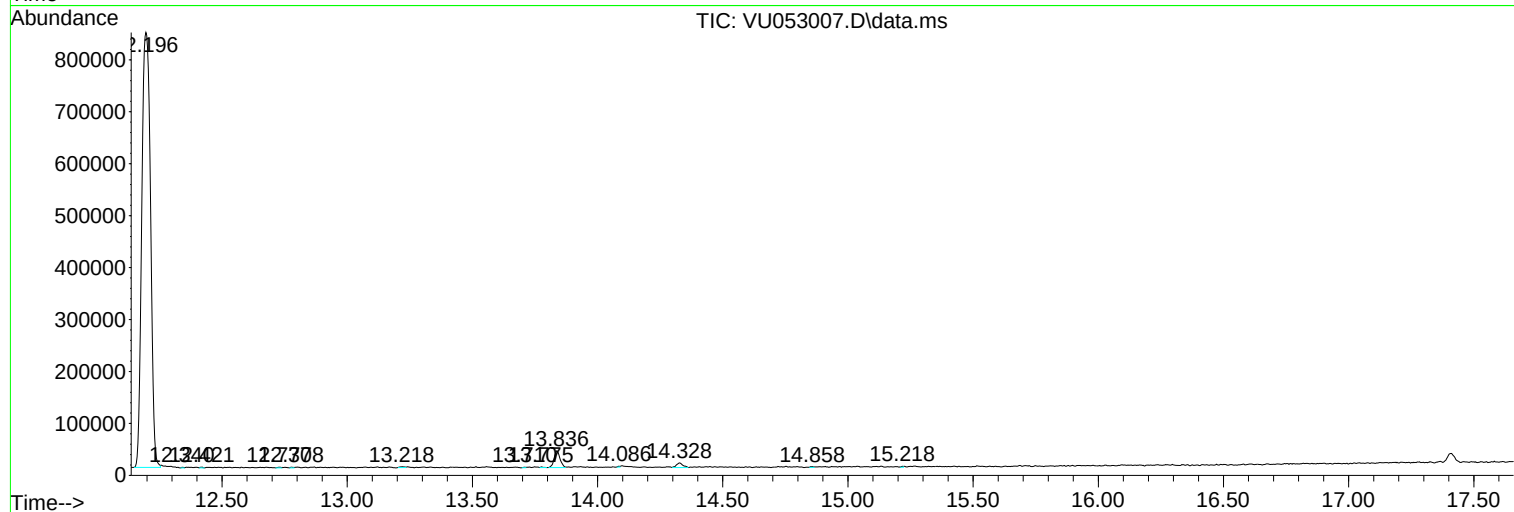
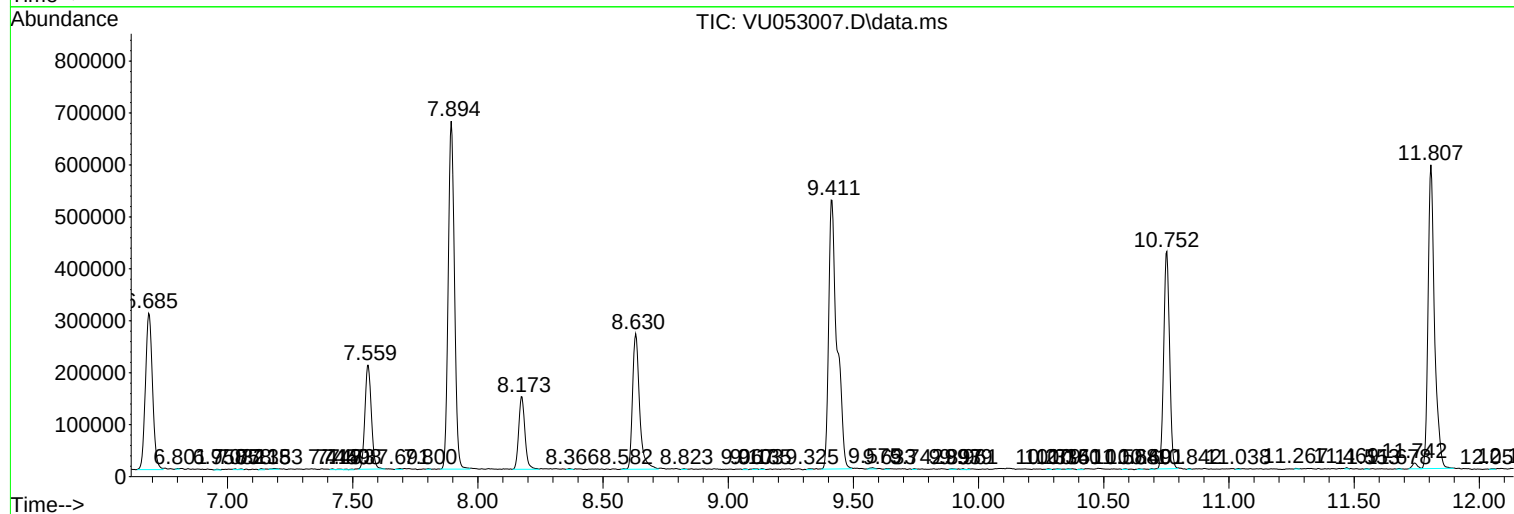
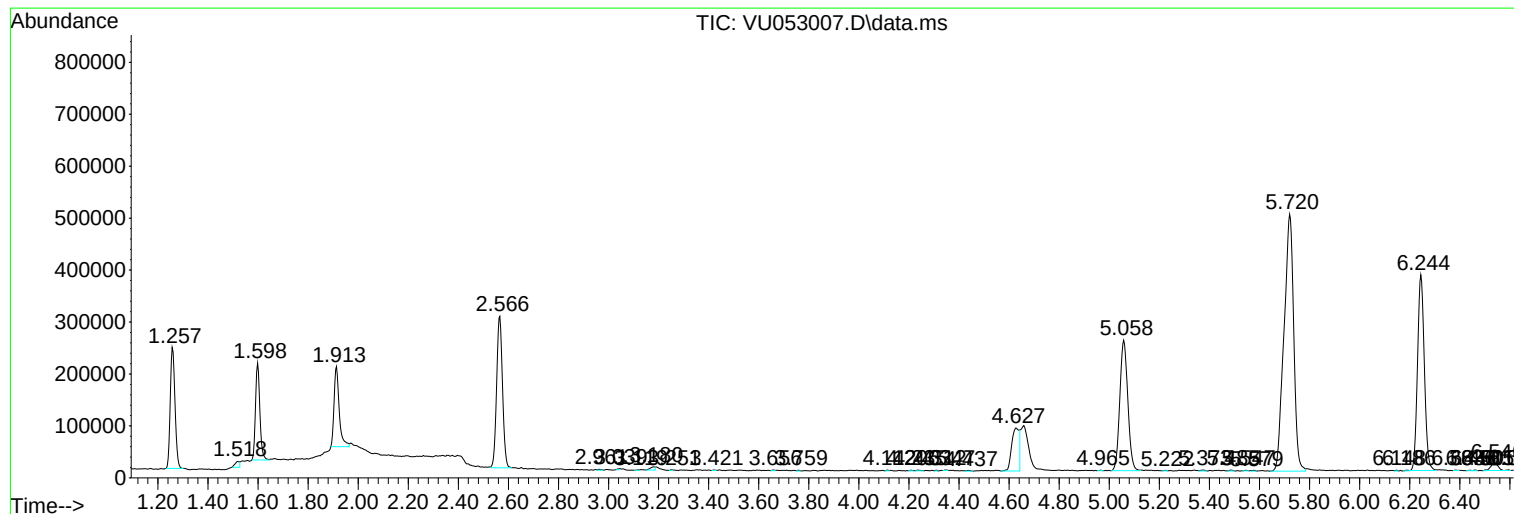
Sum of corrected areas: 11991275

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis

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



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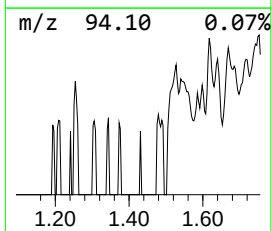
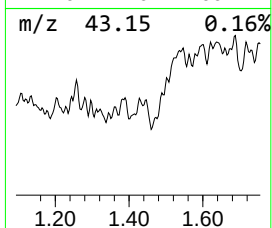
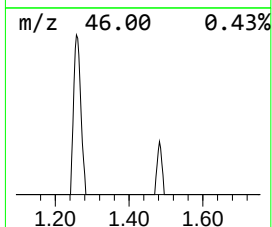
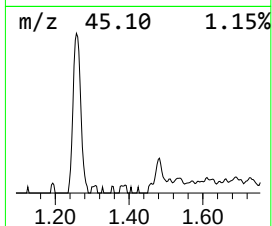
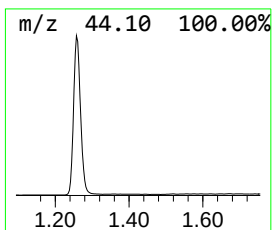
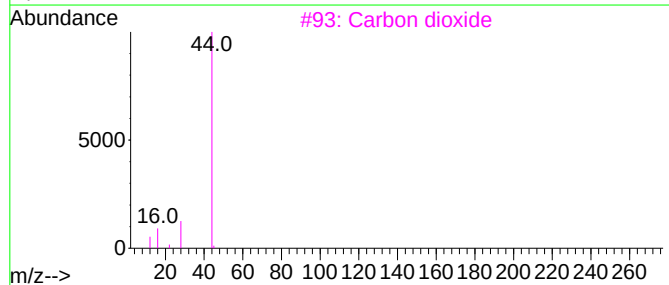
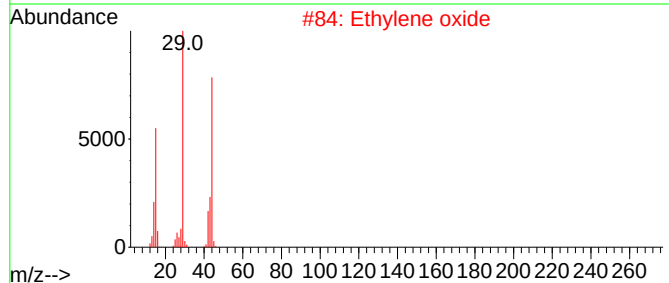
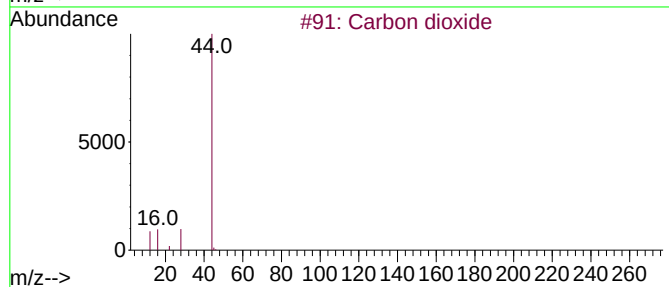
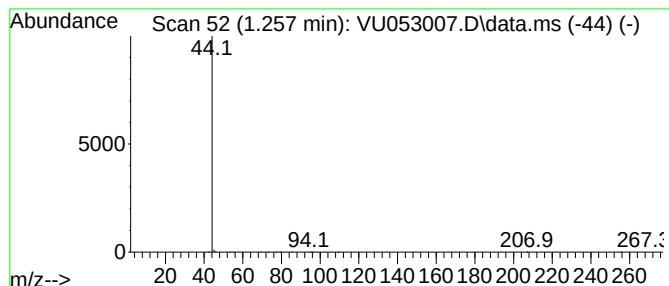
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis

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.
1.257	20.97 ug/L	300213	1,4-Difluorobenzene	6.244

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbon dioxide	44	CO2	000124-38-9	4
2			Ethylene oxide	44	C2H4O	000075-21-8	3
3			Carbon dioxide	44	CO2	000124-38-9	3
4			Carbon dioxide	44	CO2	000124-38-9	3
5			Nitrous oxide	44	N2O	010024-97-2	3



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.257	21.0	ug/L	300213	1	6.244	715976	50.0