

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035639.D
 Acq On : 21 May 2024 15:42
 Operator : SY/MD
 Sample : P2547-01
 Misc : 4.47g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5N9

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\SFAMVLM050624SMA.M

Title : VOC Analysis

Signal : TIC: VV035639.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	88	rVB	126086	137595	13.96%	1.800%
2	1.529	145	152	165	rVB	112988	132486	13.44%	1.733%
3	2.053	306	315	329	rVB	219688	314930	31.95%	4.120%
4	2.442	426	436	457	rVB	69633	120053	12.18%	1.571%
5	2.552	465	470	483	rVB2	10232	18004	1.83%	0.236%
6	2.667	503	506	509	rBV4	585	477	0.05%	0.006%
7	2.963	587	598	616	rVV4	12394	26484	2.69%	0.347%
8	3.027	616	618	622	rVB3	542	320	0.03%	0.004%
9	3.121	643	647	650	rVB2	421	289	0.03%	0.004%
10	3.246	684	686	691	rVB2	529	414	0.04%	0.005%
11	3.699	819	827	829	rBV2	321	284	0.03%	0.004%
12	3.841	851	871	909	rBV2	47117	242960	24.65%	3.179%
13	4.246	979	997	1025	rBV	162778	432839	43.91%	5.663%
14	4.471	1064	1067	1069	rBV3	567	325	0.03%	0.004%
15	4.516	1079	1081	1085	rVV2	525	287	0.03%	0.004%
16	4.539	1085	1088	1091	rVV3	540	375	0.04%	0.005%
17	4.619	1109	1113	1118	rVB4	752	472	0.05%	0.006%
18	4.651	1118	1123	1125	rBV4	378	307	0.03%	0.004%
19	4.703	1134	1139	1140	rBV	624	501	0.05%	0.007%
20	4.953	1202	1217	1259	rBV2	358684	946525	96.02%	12.384%
21	5.172	1282	1285	1288	rBV4	524	278	0.03%	0.004%
22	5.532	1385	1397	1431	rBV	411667	882878	89.56%	11.551%
23	5.831	1479	1490	1507	rBV3	18264	40615	4.12%	0.531%
24	5.986	1526	1538	1576	rBV	212859	466902	47.36%	6.109%
25	6.352	1649	1652	1655	rBV3	413	367	0.04%	0.005%
26	6.461	1683	1686	1692	rBV3	360	422	0.04%	0.006%
27	6.510	1696	1701	1704	rBV4	660	501	0.05%	0.007%
28	6.545	1709	1712	1713	rBV2	482	288	0.03%	0.004%
29	6.571	1713	1720	1725	rBV6	528	712	0.07%	0.009%
30	6.706	1759	1762	1768	rBV4	621	820	0.08%	0.011%
31	6.809	1791	1794	1798	rBV	601	521	0.05%	0.007%
32	6.863	1808	1811	1813	rBV3	486	335	0.03%	0.004%
33	6.915	1817	1827	1858	rVV	86778	176413	17.90%	2.308%
34	7.185	1907	1911	1916	rBV4	851	940	0.10%	0.012%
35	7.243	1918	1929	1969	rVV	339475	624891	63.39%	8.176%
36	7.558	2017	2027	2051	rBV2	56875	113210	11.48%	1.481%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Title : VOC Analysis

37	7.715	2072	2076	2079	rVV3	510	379	0.04%	0.005%
38	7.748	2082	2086	2087	rBV2	420	287	0.03%	0.004%
39	7.818	2105	2108	2111	rVB2	627	368	0.04%	0.005%
40	7.873	2111	2125	2135	rBV	18466	34243	3.47%	0.448%
41	7.912	2135	2137	2140	rVB4	829	398	0.04%	0.005%
42	8.034	2166	2175	2206	rBV	83796	208327	21.13%	2.726%
43	8.304	2256	2259	2260	rBV3	802	477	0.05%	0.006%
44	8.362	2269	2277	2294	rVB2	14991	26821	2.72%	0.351%
45	8.783	2394	2408	2434	rBV	582803	985799	100.00%	12.898%
46	9.079	2498	2500	2503	rVB2	654	389	0.04%	0.005%
47	9.098	2503	2506	2508	rBV	636	398	0.04%	0.005%
48	9.111	2508	2510	2512	rVV	709	352	0.04%	0.005%
49	9.133	2514	2517	2521	rVB3	530	374	0.04%	0.005%
50	9.558	2643	2649	2651	rBV2	432	415	0.04%	0.005%
51	9.577	2651	2655	2661	rVV3	394	411	0.04%	0.005%
52	9.764	2709	2713	2719	rVV3	356	439	0.04%	0.006%
53	9.837	2733	2736	2741	rBV3	613	653	0.07%	0.009%
54	10.066	2799	2807	2817	rBV3	2532	3590	0.36%	0.047%
55	10.153	2822	2834	2856	rBV	210178	339393	34.43%	4.440%
56	10.323	2875	2887	2898	rVB	32115	50424	5.12%	0.660%
57	10.474	2932	2934	2939	rVB3	433	315	0.03%	0.004%
58	10.506	2939	2944	2951	rBV7	1040	1482	0.15%	0.019%
59	10.664	2987	2993	2996	rBV4	835	996	0.10%	0.013%
60	10.718	3005	3010	3015	rBV6	1219	1704	0.17%	0.022%
61	10.809	3033	3038	3041	rVB4	493	386	0.04%	0.005%
62	10.854	3045	3052	3063	rVB3	4810	7204	0.73%	0.094%
63	10.969	3084	3088	3100	rVB5	2143	2917	0.30%	0.038%
64	11.034	3105	3108	3114	rVB2	671	553	0.06%	0.007%
65	11.082	3114	3123	3133	rBV4	8270	12535	1.27%	0.164%
66	11.130	3133	3138	3142	rBV3	1455	1455	0.15%	0.019%
67	11.185	3144	3155	3173	rBV	420790	687220	69.71%	8.991%
68	11.326	3192	3199	3204	rBV3	4838	6576	0.67%	0.086%
69	11.432	3230	3232	3238	rVB6	1369	999	0.10%	0.013%
70	11.558	3260	3271	3292	rBV	274735	459767	46.64%	6.015%
71	11.780	3332	3340	3342	rBV5	2793	3361	0.34%	0.044%
72	11.828	3351	3355	3356	rBV3	692	529	0.05%	0.007%
73	11.931	3384	3387	3391	rVB5	843	580	0.06%	0.008%
74	12.030	3415	3418	3424	rVB4	1209	1104	0.11%	0.014%
75	12.194	3457	3469	3481	rVB2	17136	28835	2.93%	0.377%
76	12.320	3505	3508	3511	rVB5	780	464	0.05%	0.006%

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 Title : VOC Analysis

77	12.349	3511	3517	3518	rBV3	1010	746	0.08%	0.010%
78	12.410	3531	3536	3538	rBV3	305	300	0.03%	0.004%
79	12.580	3582	3589	3600	rBV7	2608	4578	0.46%	0.060%
80	12.632	3603	3605	3608	rVV3	1086	712	0.07%	0.009%
81	12.657	3611	3613	3618	rVB3	564	355	0.04%	0.005%
82	12.715	3628	3631	3637	rBV2	516	501	0.05%	0.007%
83	12.828	3660	3666	3671	rBV5	3745	4425	0.45%	0.058%
84	12.902	3685	3689	3691	rVB2	566	363	0.04%	0.005%
85	12.988	3714	3716	3722	rVB4	401	292	0.03%	0.004%
86	13.079	3740	3744	3745	rBV3	574	433	0.04%	0.006%
87	13.124	3756	3758	3761	rBV2	425	275	0.03%	0.004%
88	13.207	3778	3784	3792	rBV6	1500	2341	0.24%	0.031%
89	13.374	3832	3836	3840	rBV4	680	647	0.07%	0.008%
90	13.403	3842	3845	3848	rBV2	593	464	0.05%	0.006%
91	13.455	3855	3861	3872	rVB3	2682	3923	0.40%	0.051%
92	13.551	3889	3891	3894	rVB	570	299	0.03%	0.004%
93	13.570	3895	3897	3903	rVB2	455	326	0.03%	0.004%
94	13.683	3922	3932	3946	rVB	36696	53375	5.41%	0.698%
95	13.889	3991	3996	3999	rBV3	765	667	0.07%	0.009%
96	13.992	4020	4028	4039	rVB5	3054	5622	0.57%	0.074%
97	14.085	4051	4057	4062	rBV5	1478	1798	0.18%	0.024%
98	14.686	4242	4244	4246	rBV2	594	311	0.03%	0.004%
99	14.786	4272	4275	4281	rBV5	1347	1295	0.13%	0.017%
100	15.185	4397	4399	4400	rBV	685	275	0.03%	0.004%

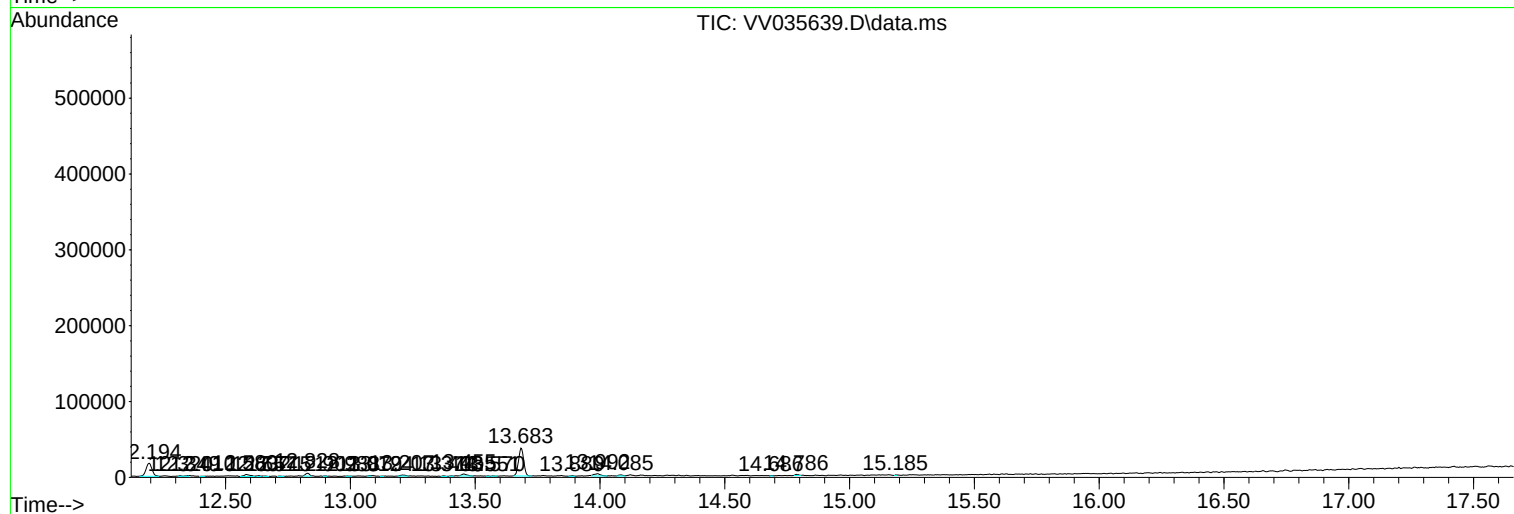
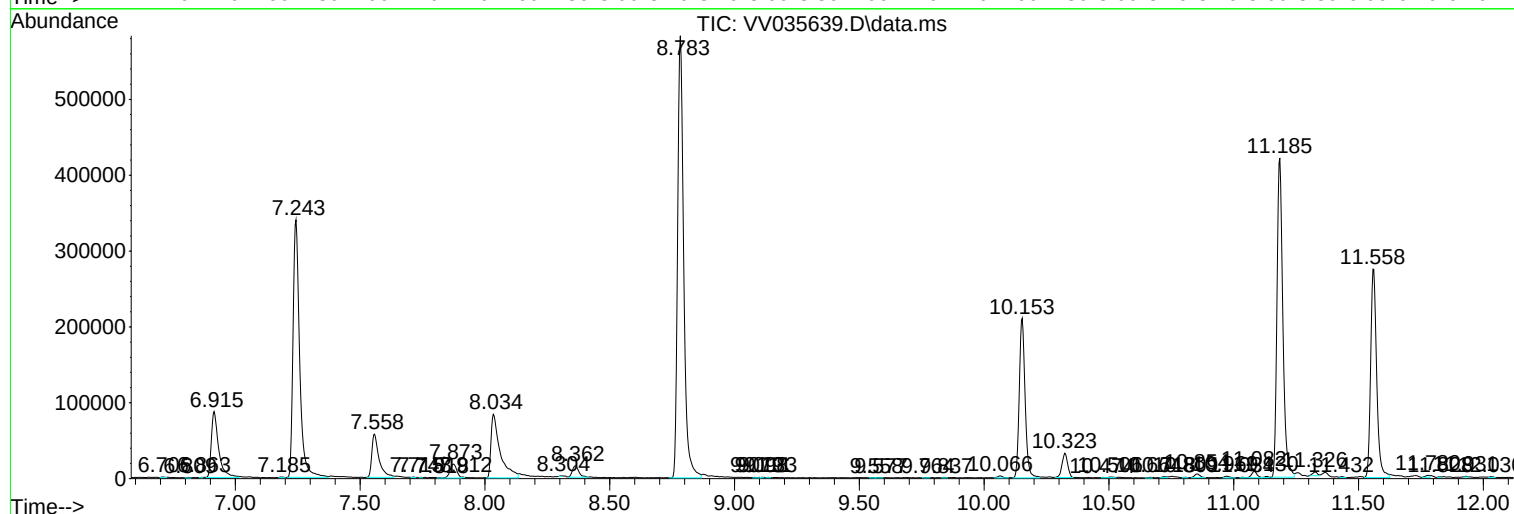
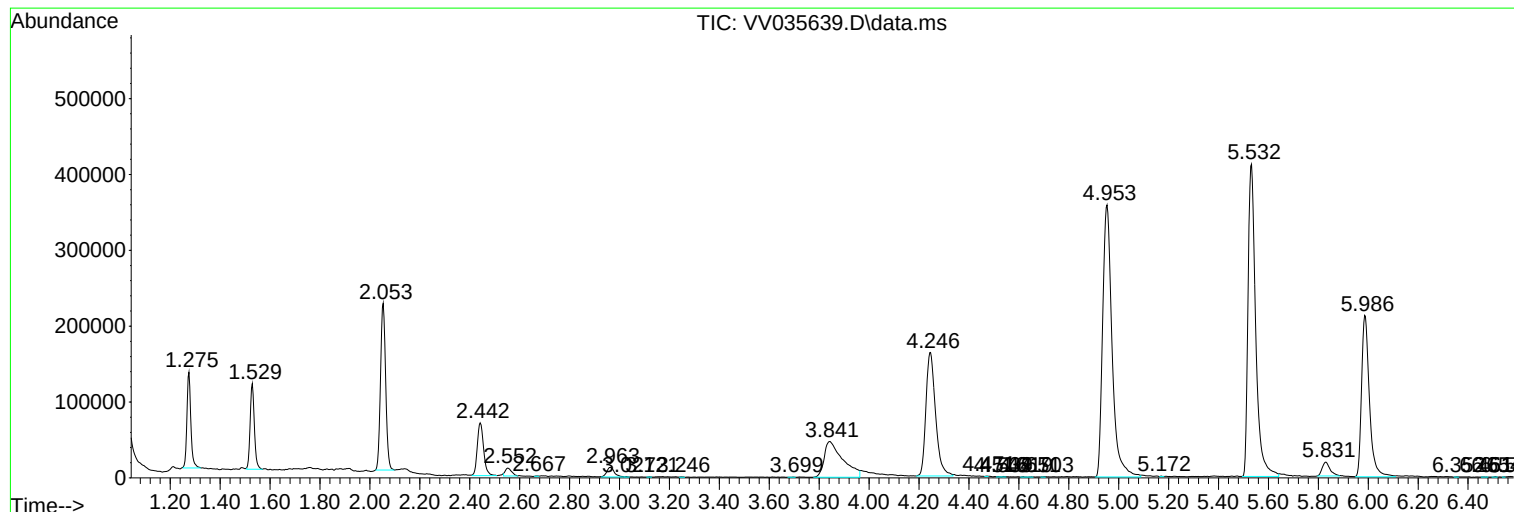
Sum of corrected areas: 7643262

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



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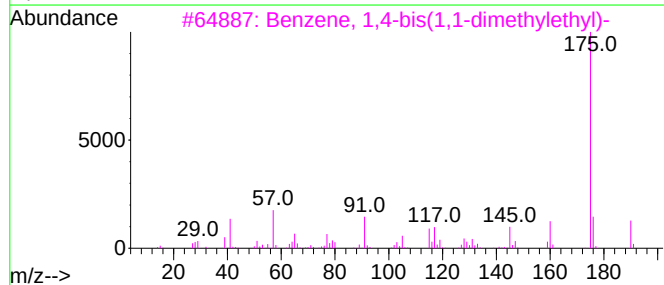
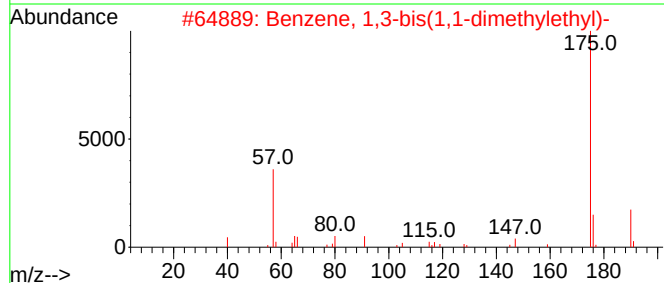
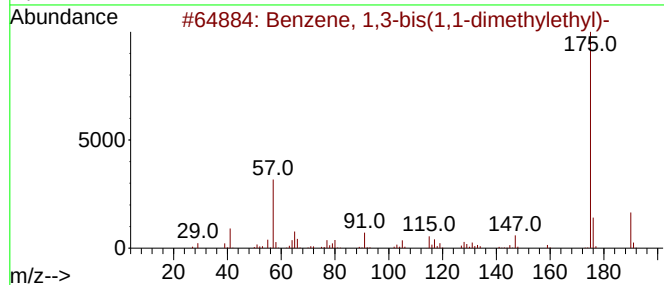
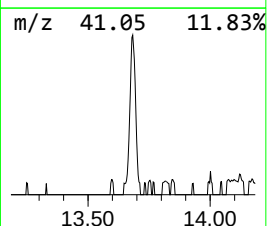
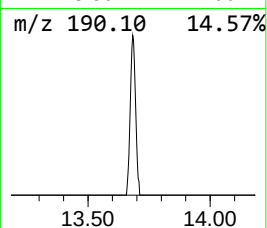
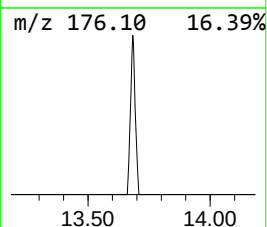
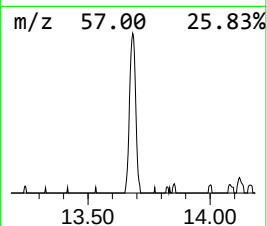
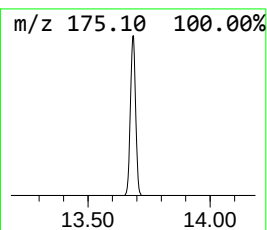
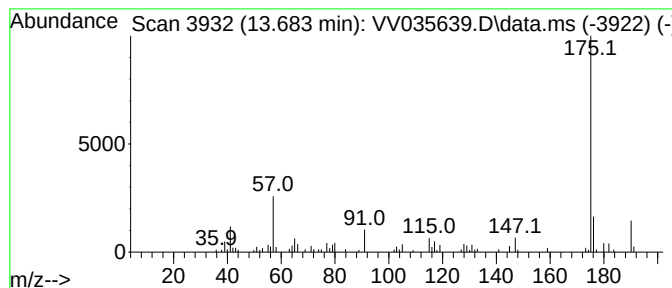
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.94 ug/L	53375	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83
4			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-bi...	13.683	1.9	ug/L	53375	3	11.185	687220	25.0