

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035704.D
 Acq On : 23 May 2024 15:19
 Operator : SY/MD
 Sample : P2568-19
 Misc : 5.90g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH640

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: VV035709.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	89	rVB	180945	200083	12.75%	1.853%
2	1.529	145	152	169	rVB	175533	211789	13.50%	1.961%
3	2.053	305	315	331	rBV	325956	467851	29.81%	4.332%
4	2.442	426	436	453	rVB	148868	247238	15.76%	2.289%
5	2.555	461	471	488	rVB	26706	55779	3.55%	0.517%
6	2.802	546	548	554	rVB3	599	467	0.03%	0.004%
7	2.873	567	570	573	rVB3	793	526	0.03%	0.005%
8	2.963	586	598	614	rBV2	19242	40187	2.56%	0.372%
9	3.059	625	628	631	rVB2	409	281	0.02%	0.003%
10	3.098	636	640	643	rVB3	501	321	0.02%	0.003%
11	3.313	703	707	712	rVB2	366	277	0.02%	0.003%
12	3.384	725	729	734	rVB	356	269	0.02%	0.002%
13	3.494	758	763	766	rBV2	288	342	0.02%	0.003%
14	3.661	812	815	818	rBV2	653	364	0.02%	0.003%
15	3.677	818	820	825	rVB	553	370	0.02%	0.003%
16	3.847	852	873	920	rBV2	62373	342958	21.85%	3.176%
17	4.246	980	997	1033	rBV	281514	739544	47.13%	6.848%
18	4.516	1076	1081	1082	rBV4	653	597	0.04%	0.006%
19	4.693	1131	1136	1138	rBV4	409	343	0.02%	0.003%
20	4.735	1147	1149	1153	rBV4	338	277	0.02%	0.003%
21	4.821	1174	1176	1183	rVB4	619	461	0.03%	0.004%
22	4.953	1201	1217	1259	rBV2	598539	1569251	100.00%	14.532%
23	5.284	1318	1320	1326	rBV3	645	338	0.02%	0.003%
24	5.532	1386	1397	1429	rBV	449592	950838	60.59%	8.805%
25	5.825	1477	1488	1519	rVB	34777	84428	5.38%	0.782%
26	5.985	1526	1538	1572	rBV	384908	813011	51.81%	7.529%
27	6.294	1632	1634	1637	rBV3	863	531	0.03%	0.005%
28	6.455	1681	1684	1688	rBV3	361	288	0.02%	0.003%
29	6.702	1759	1761	1764	rVB4	590	279	0.02%	0.003%
30	6.828	1796	1800	1802	rBV2	575	473	0.03%	0.004%
31	6.915	1817	1827	1856	rBV	111719	226936	14.46%	2.101%
32	7.169	1902	1906	1908	rBV4	965	782	0.05%	0.007%
33	7.243	1918	1929	1958	rBV	564827	1013009	64.55%	9.381%
34	7.558	2018	2027	2060	rBV	75420	150483	9.59%	1.394%
35	7.873	2117	2125	2136	rVV2	8514	14353	0.91%	0.133%
36	7.915	2136	2138	2141	rVB4	800	381	0.02%	0.004%

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 Title : VOC Analysis

37	7.976	2153	2157	2160	rVB3	515	368	0.02%	0.003%
38	8.040	2168	2177	2221	rBV5	65660	211355	13.47%	1.957%
39	8.362	2267	2277	2294	rVB	16624	32238	2.05%	0.299%
40	8.558	2335	2338	2342	rBV3	397	422	0.03%	0.004%
41	8.783	2397	2408	2438	rBV	646361	1096385	69.87%	10.153%
42	9.098	2503	2506	2510	rBV4	765	648	0.04%	0.006%
43	9.140	2516	2519	2521	rBV3	524	345	0.02%	0.003%
44	9.281	2561	2563	2568	rVB3	425	316	0.02%	0.003%
45	9.310	2568	2572	2577	rBV2	593	487	0.03%	0.005%
46	9.336	2577	2580	2583	rBV2	432	296	0.02%	0.003%
47	9.410	2596	2603	2606	rBV3	286	355	0.02%	0.003%
48	9.490	2626	2628	2632	rBV4	470	276	0.02%	0.003%
49	9.593	2657	2660	2665	rVB	475	415	0.03%	0.004%
50	9.670	2678	2684	2686	rVB3	286	294	0.02%	0.003%
51	9.763	2708	2713	2718	rBV3	329	266	0.02%	0.002%
52	9.853	2738	2741	2745	rVB3	349	302	0.02%	0.003%
53	10.037	2795	2798	2800	rBV3	453	295	0.02%	0.003%
54	10.069	2806	2808	2811	rVB3	569	356	0.02%	0.003%
55	10.152	2816	2834	2852	rBV	374757	608403	38.77%	5.634%
56	10.323	2877	2887	2899	rVB	17454	27502	1.75%	0.255%
57	10.445	2921	2925	2930	rBV3	372	408	0.03%	0.004%
58	10.744	3014	3018	3023	rVB3	745	726	0.05%	0.007%
59	10.853	3043	3052	3061	rBV8	1299	2209	0.14%	0.020%
60	10.918	3069	3072	3077	rVB2	378	298	0.02%	0.003%
61	11.024	3101	3105	3109	rBV4	397	433	0.03%	0.004%
62	11.056	3109	3115	3118	rBV2	514	481	0.03%	0.004%
63	11.082	3118	3123	3131	rVB6	2537	3412	0.22%	0.032%
64	11.123	3134	3136	3139	rBV	589	340	0.02%	0.003%
65	11.185	3143	3155	3179	rBV	484364	774165	49.33%	7.169%
66	11.519	3255	3259	3260	rBV2	563	331	0.02%	0.003%
67	11.558	3260	3271	3299	rVV	488753	806255	51.38%	7.466%
68	11.722	3319	3322	3325	rBV3	786	518	0.03%	0.005%
69	11.783	3336	3341	3348	rVB7	1087	1430	0.09%	0.013%
70	11.824	3351	3354	3355	rBV2	543	285	0.02%	0.003%
71	12.043	3420	3422	3425	rVB2	563	315	0.02%	0.003%
72	12.069	3425	3430	3433	rBV2	299	367	0.02%	0.003%
73	12.133	3447	3450	3454	rBV3	346	293	0.02%	0.003%
74	12.191	3460	3468	3481	rVB2	13884	23078	1.47%	0.214%
75	12.249	3483	3486	3488	rBV	458	306	0.02%	0.003%
76	12.332	3510	3512	3515	rVB2	554	268	0.02%	0.002%

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 Title : VOC Analysis

77	12.490	3556	3561	3563	rVV4	512	440	0.03%	0.004%
78	12.506	3563	3566	3569	rVB2	551	323	0.02%	0.003%
79	12.580	3581	3589	3598	rBV6	3173	4969	0.32%	0.046%
80	12.728	3632	3635	3639	rVB2	299	274	0.02%	0.003%
81	12.754	3640	3643	3646	rBV3	438	369	0.02%	0.003%
82	12.802	3655	3658	3660	rVV2	606	395	0.03%	0.004%
83	12.831	3660	3667	3674	rVB7	3222	3896	0.25%	0.036%
84	12.879	3677	3682	3684	rBV3	390	456	0.03%	0.004%
85	13.056	3733	3737	3739	rBV2	382	382	0.02%	0.004%
86	13.072	3739	3742	3749	rVV3	611	727	0.05%	0.007%
87	13.210	3783	3785	3791	rVB2	654	444	0.03%	0.004%
88	13.329	3819	3822	3826	rBV4	369	303	0.02%	0.003%
89	13.403	3842	3845	3849	rBV3	737	552	0.04%	0.005%
90	13.625	3910	3914	3916	rBV2	497	412	0.03%	0.004%
91	13.683	3922	3932	3943	rBV	29078	41810	2.66%	0.387%
92	13.757	3950	3955	3958	rBV2	457	519	0.03%	0.005%
93	13.776	3958	3961	3965	rVV3	623	519	0.03%	0.005%
94	13.988	4018	4027	4037	rVB3	2753	5453	0.35%	0.050%
95	14.204	4090	4094	4095	rBV2	594	454	0.03%	0.004%
96	14.246	4104	4107	4110	rBV3	600	403	0.03%	0.004%
97	14.262	4110	4112	4114	rVV2	628	306	0.02%	0.003%
98	14.284	4114	4119	4126	rVV5	804	1373	0.09%	0.013%
99	14.384	4147	4150	4153	rBV3	437	272	0.02%	0.003%
100	14.500	4181	4186	4190	rBV4	697	834	0.05%	0.008%

Sum of corrected areas: 10798832

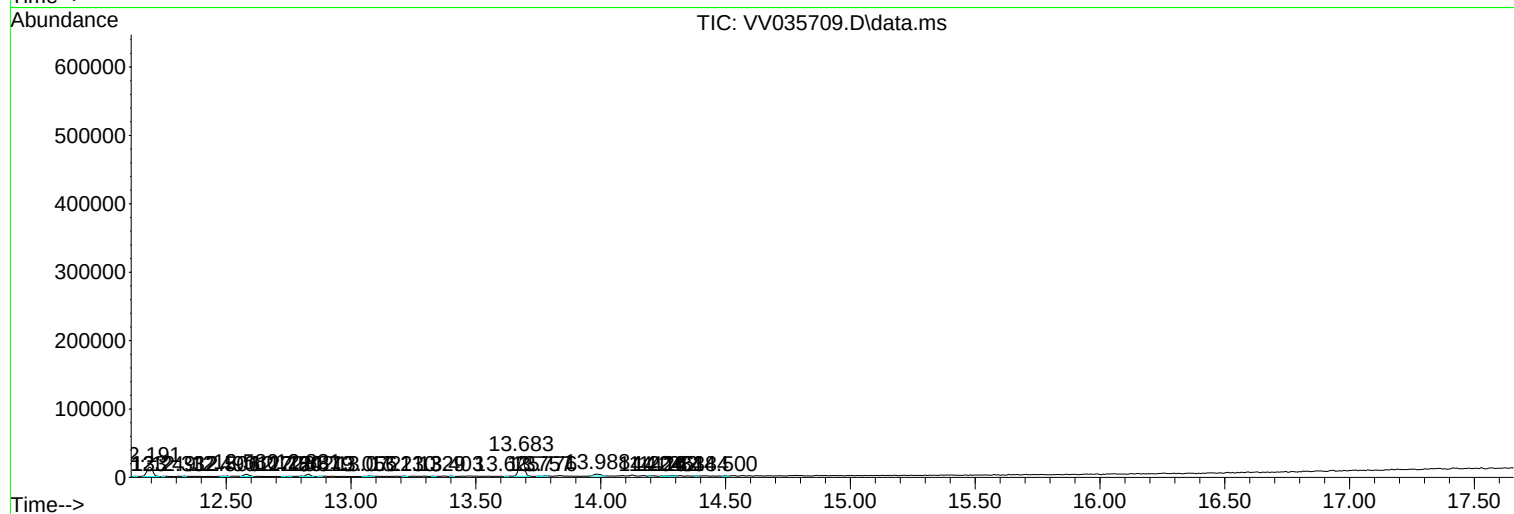
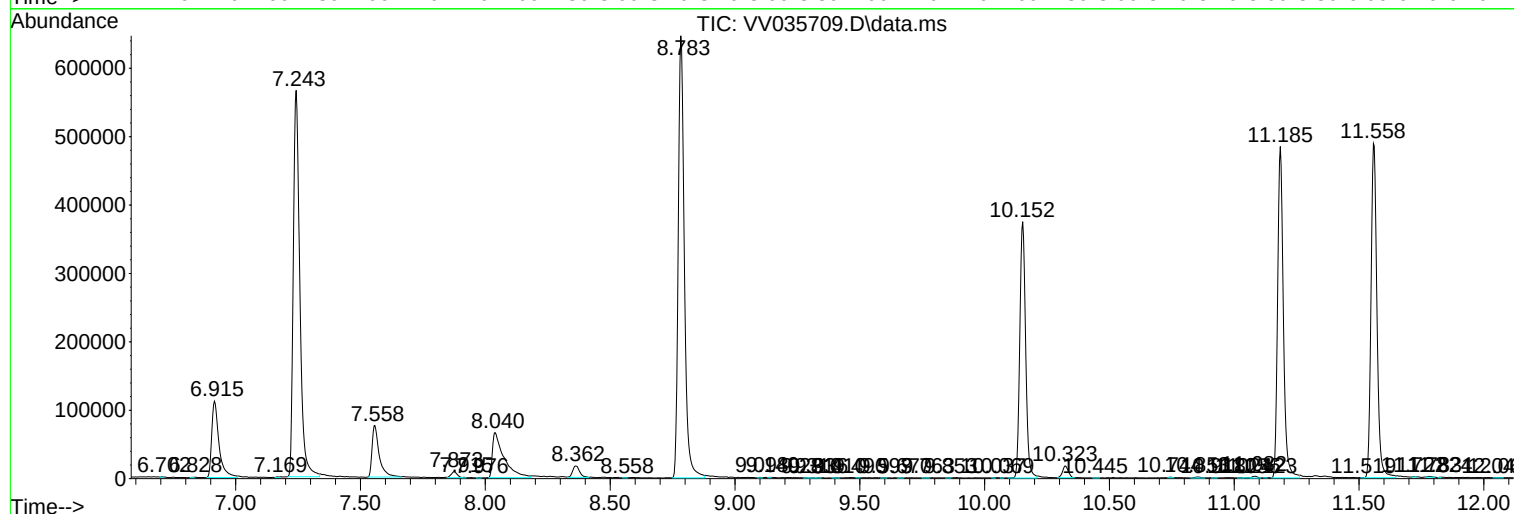
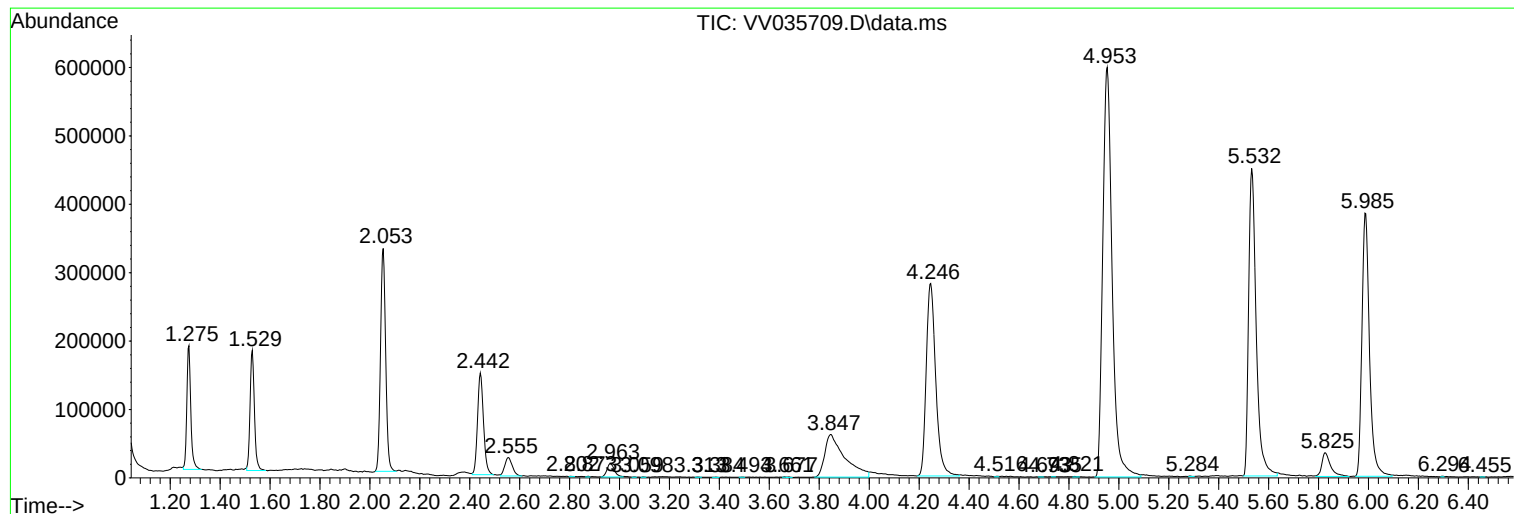
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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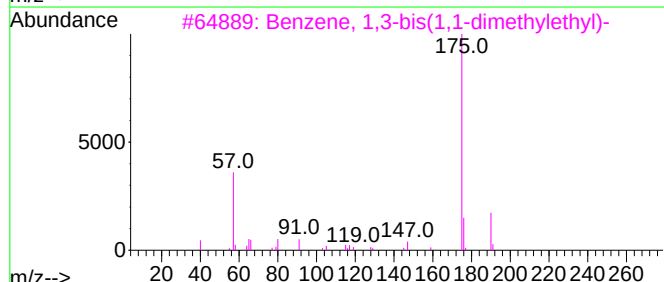
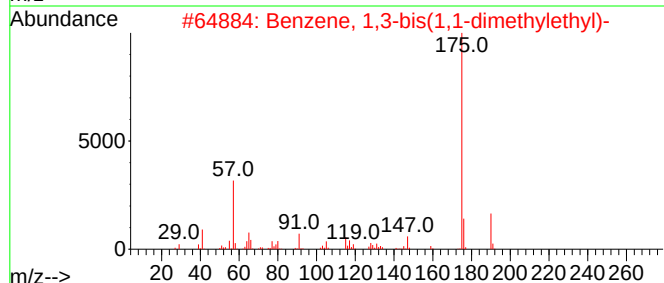
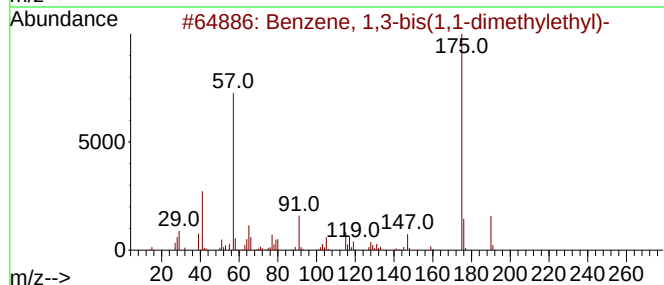
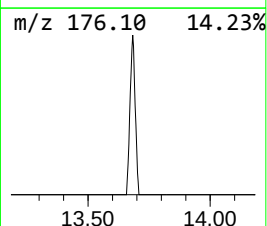
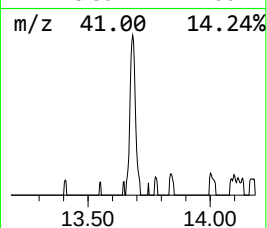
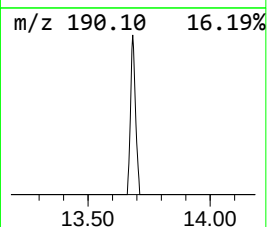
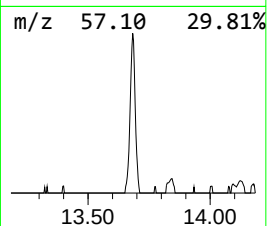
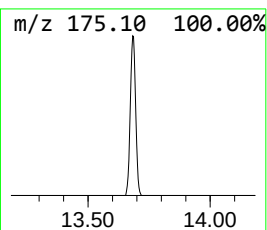
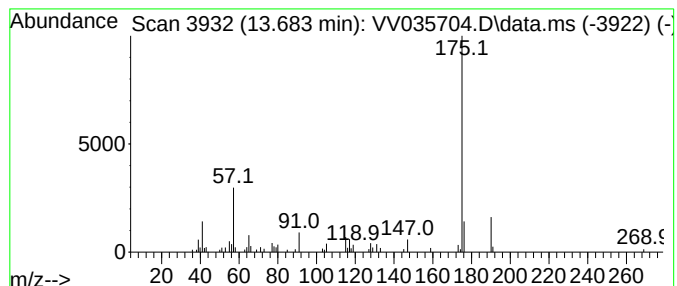
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.35 ug/L	41810	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	93
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-bi...	13.683	1.4	ug/L	41810	3	11.185	774165	25.0