

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050724\
 Data File : VV035547.D
 Acq On : 07 May 2024 12:19
 Operator : SY/MD
 Sample : VV0507SBL04
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK286

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: VV035547.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	206617	218765	14.73%	1.863%
2	1.529	145	152	169	rVB	175925	206306	13.89%	1.757%
3	2.053	305	315	343	rVB	359752	536862	36.15%	4.572%
4	2.445	424	437	456	rBV	19746	37407	2.52%	0.319%
5	2.558	461	472	489	rVB	7511	16313	1.10%	0.139%
6	2.699	513	516	519	rBV5	1012	632	0.04%	0.005%
7	2.863	562	567	571	rVV2	891	871	0.06%	0.007%
8	2.966	587	599	615	rVV3	4961	11262	0.76%	0.096%
9	3.162	657	660	665	rVB2	252	248	0.02%	0.002%
10	3.227	677	680	683	rBV2	299	260	0.02%	0.002%
11	3.413	731	738	740	rBV	317	243	0.02%	0.002%
12	3.841	849	871	920	rBV2	46552	267488	18.01%	2.278%
13	4.246	982	997	1034	rVB	241971	633376	42.65%	5.393%
14	4.577	1097	1100	1103	rBV4	618	488	0.03%	0.004%
15	4.699	1136	1138	1142	rVB2	540	246	0.02%	0.002%
16	4.735	1142	1149	1151	rBV4	536	633	0.04%	0.005%
17	4.748	1151	1153	1155	rVV	388	257	0.02%	0.002%
18	4.786	1161	1165	1167	rBV2	498	259	0.02%	0.002%
19	4.821	1173	1176	1181	rBV2	258	287	0.02%	0.002%
20	4.863	1186	1189	1196	rVB2	327	343	0.02%	0.003%
21	4.953	1202	1217	1249	rBV2	571065	1484910	100.00%	12.645%
22	5.532	1383	1397	1442	rBV	470307	1001924	67.47%	8.532%
23	5.831	1480	1490	1510	rBV4	11585	27052	1.82%	0.230%
24	5.985	1526	1538	1568	rBV	321689	690001	46.47%	5.876%
25	6.256	1619	1622	1625	rBV2	535	359	0.02%	0.003%
26	6.275	1626	1628	1631	rVV2	441	335	0.02%	0.003%
27	6.294	1632	1634	1639	rVB4	605	412	0.03%	0.004%
28	6.323	1639	1643	1646	rBV	361	345	0.02%	0.003%
29	6.368	1653	1657	1660	rBV	330	277	0.02%	0.002%
30	6.532	1705	1708	1715	rVB2	245	242	0.02%	0.002%
31	6.571	1715	1720	1723	rBV3	592	577	0.04%	0.005%
32	6.699	1747	1760	1769	rVB5	2676	4995	0.34%	0.043%
33	6.866	1808	1812	1814	rBV2	450	366	0.02%	0.003%
34	6.911	1814	1826	1868	rBV	156750	317178	21.36%	2.701%
35	7.091	1880	1882	1886	rVB3	855	460	0.03%	0.004%
36	7.188	1906	1912	1915	rBV5	1486	1860	0.13%	0.016%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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Max Peaks: 100

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

37	7.243	1918	1929	1953	rBV	647896	1157297	77.94%	9.855%
38	7.555	2016	2026	2057	rBV	102646	201477	13.57%	1.716%
39	7.818	2104	2108	2111	rBV3	568	462	0.03%	0.004%
40	7.873	2111	2125	2136	rBV2	22843	40786	2.75%	0.347%
41	8.034	2166	2175	2222	rBV	135616	324254	21.84%	2.761%
42	8.362	2267	2277	2303	rVB	19775	38032	2.56%	0.324%
43	8.452	2303	2305	2310	rVB4	352	252	0.02%	0.002%
44	8.567	2338	2341	2344	rBV3	853	622	0.04%	0.005%
45	8.735	2390	2393	2397	rBV	505	419	0.03%	0.004%
46	8.783	2397	2408	2441	rBV	783216	1303590	87.79%	11.101%
47	9.091	2497	2504	2509	rBV6	1136	1689	0.11%	0.014%
48	9.207	2537	2540	2544	rBV3	318	252	0.02%	0.002%
49	9.294	2564	2567	2571	rVB3	374	280	0.02%	0.002%
50	9.487	2622	2627	2628	rBV4	681	590	0.04%	0.005%
51	9.548	2641	2646	2652	rVB5	580	830	0.06%	0.007%
52	9.574	2652	2654	2657	rVB3	414	243	0.02%	0.002%
53	9.831	2730	2734	2737	rBV3	832	722	0.05%	0.006%
54	9.873	2742	2747	2752	rVV3	706	807	0.05%	0.007%
55	9.940	2765	2768	2772	rBV2	289	242	0.02%	0.002%
56	10.062	2804	2806	2810	rVB2	435	301	0.02%	0.003%
57	10.152	2821	2834	2859	rBV	337881	550651	37.08%	4.689%
58	10.323	2877	2887	2903	rVB	31424	51874	3.49%	0.442%
59	10.474	2930	2934	2935	rBV	403	261	0.02%	0.002%
60	10.747	3014	3019	3026	rVV4	1889	2446	0.16%	0.021%
61	10.860	3050	3054	3066	rVB5	1123	1650	0.11%	0.014%
62	11.027	3101	3106	3111	rBV4	356	342	0.02%	0.003%
63	11.082	3116	3123	3127	rBV5	845	1069	0.07%	0.009%
64	11.130	3132	3138	3144	rBV6	2644	3962	0.27%	0.034%
65	11.185	3144	3155	3181	rBV	829012	1312715	88.40%	11.178%
66	11.464	3237	3242	3247	rBV3	399	491	0.03%	0.004%
67	11.487	3247	3249	3253	rVB3	353	289	0.02%	0.002%
68	11.558	3259	3271	3298	rBV	693133	1118557	75.33%	9.525%
69	11.834	3355	3357	3360	rBV4	613	332	0.02%	0.003%
70	11.879	3369	3371	3378	rVB2	577	502	0.03%	0.004%
71	11.921	3378	3384	3392	rBV8	1168	1948	0.13%	0.017%
72	12.014	3410	3413	3418	rVB3	325	244	0.02%	0.002%
73	12.194	3458	3469	3479	rVV2	25202	39985	2.69%	0.340%
74	12.262	3483	3490	3494	rVV3	624	803	0.05%	0.007%
75	12.355	3516	3519	3521	rBV3	707	386	0.03%	0.003%
76	12.394	3527	3531	3535	rVB3	436	359	0.02%	0.003%

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Integrator: RTE

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Sampling : 1

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Start Thrs: 0.2

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Peak Location: TOP

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Peak separation: 5

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

77	12.487	3556	3560	3562	rBV3	763	553	0.04%	0.005%
78	12.541	3575	3577	3580	rVB2	578	250	0.02%	0.002%
79	12.590	3583	3592	3600	rBV8	2282	3347	0.23%	0.029%
80	12.824	3659	3665	3676	rVB4	4298	5650	0.38%	0.048%
81	12.940	3698	3701	3704	rVB	490	288	0.02%	0.002%
82	12.988	3714	3716	3719	rBV2	470	257	0.02%	0.002%
83	13.078	3736	3744	3752	rVB4	1695	2521	0.17%	0.021%
84	13.210	3777	3785	3800	rVB8	3029	6358	0.43%	0.054%
85	13.268	3800	3803	3804	rBV2	439	262	0.02%	0.002%
86	13.410	3844	3847	3851	rBV4	468	358	0.02%	0.003%
87	13.451	3851	3860	3869	rBV3	3684	6485	0.44%	0.055%
88	13.683	3921	3932	3946	rVB2	46912	70364	4.74%	0.599%
89	13.799	3965	3968	3971	rBV3	627	450	0.03%	0.004%
90	13.985	4016	4026	4036	rBV2	5796	10279	0.69%	0.088%
91	14.075	4052	4054	4055	rBV2	1455	714	0.05%	0.006%
92	14.162	4079	4081	4085	rBV6	1116	782	0.05%	0.007%
93	14.229	4097	4102	4106	rBV4	953	945	0.06%	0.008%
94	14.480	4175	4180	4186	rBV5	796	1189	0.08%	0.010%
95	14.660	4233	4236	4237	rBV2	405	259	0.02%	0.002%
96	14.789	4269	4276	4286	rVB8	2739	4687	0.32%	0.040%
97	14.847	4292	4294	4295	rBV2	640	289	0.02%	0.002%
98	14.911	4311	4314	4315	rBV2	722	436	0.03%	0.004%
99	15.004	4341	4343	4347	rBV3	687	442	0.03%	0.004%
100	15.110	4374	4376	4378	rBV4	686	371	0.02%	0.003%

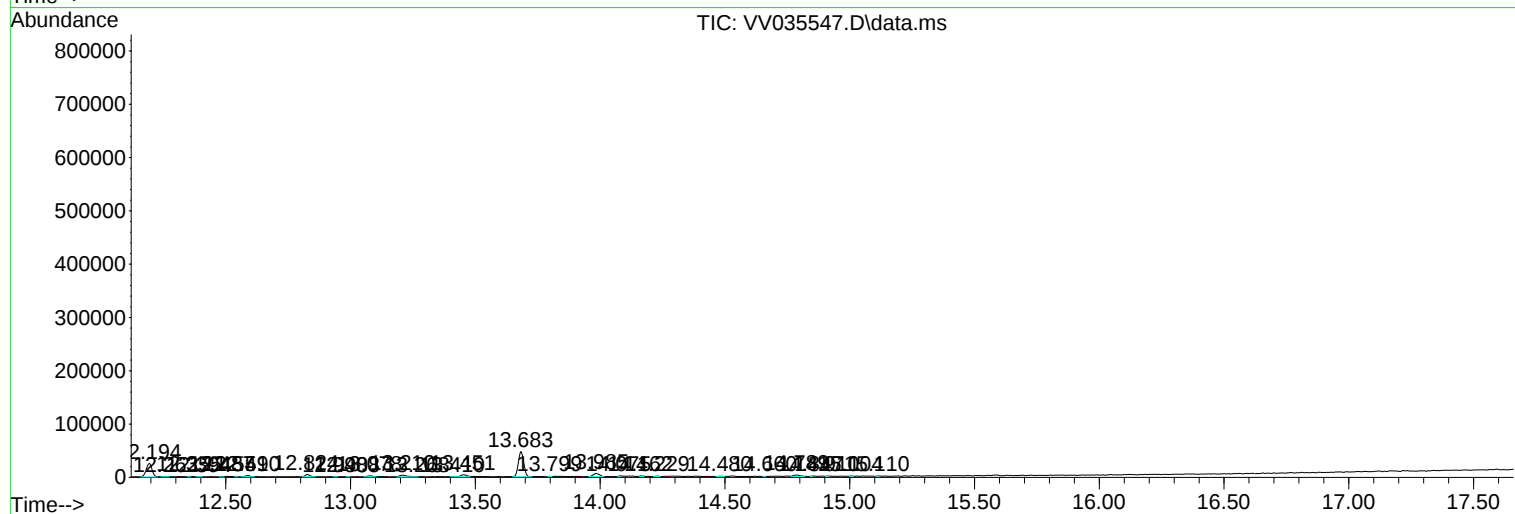
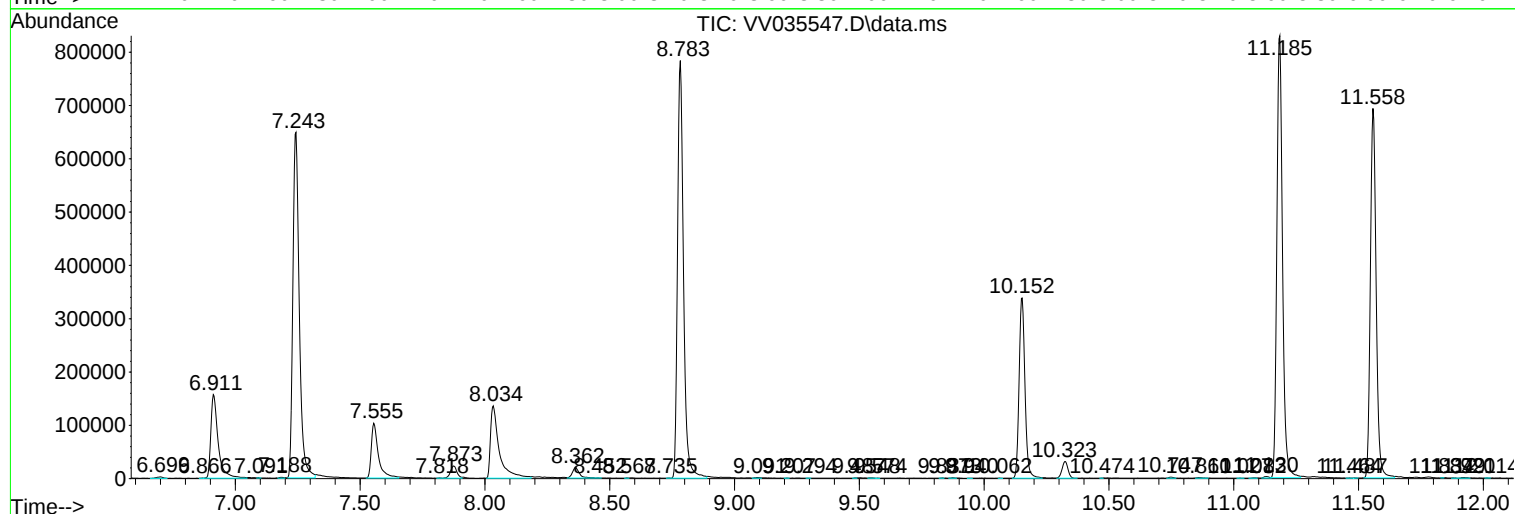
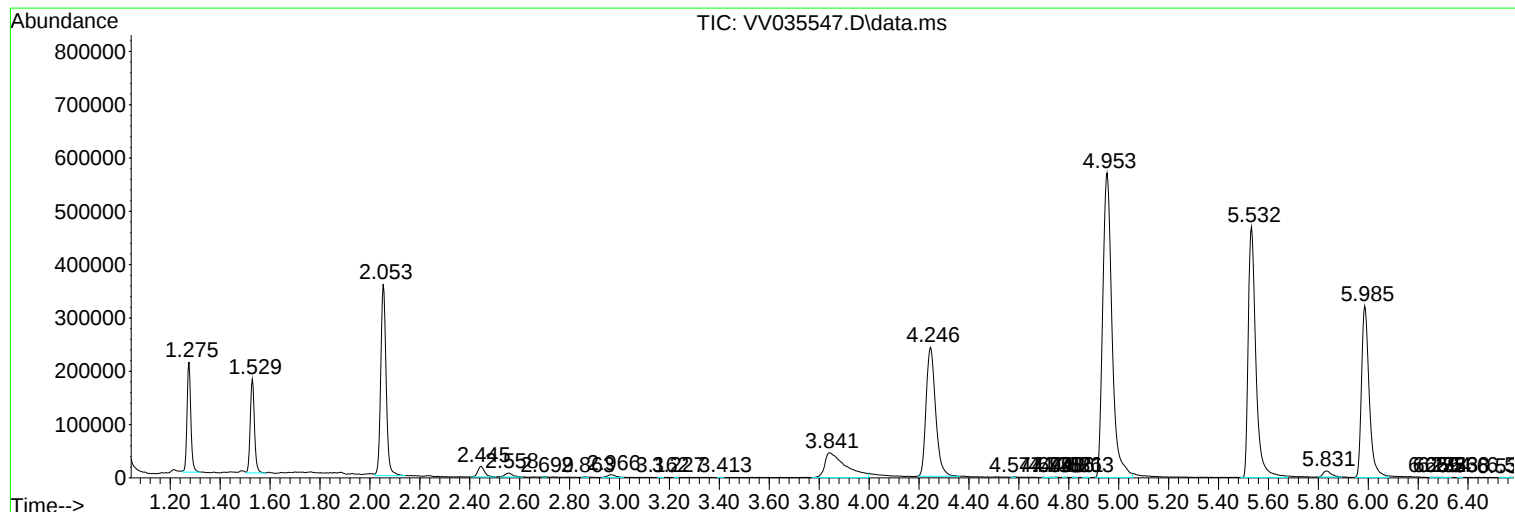
Sum of corrected areas: 11743388

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ALS Vial : 4 Sample Multiplier: 1

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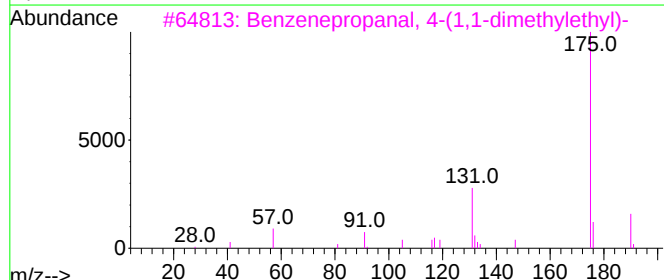
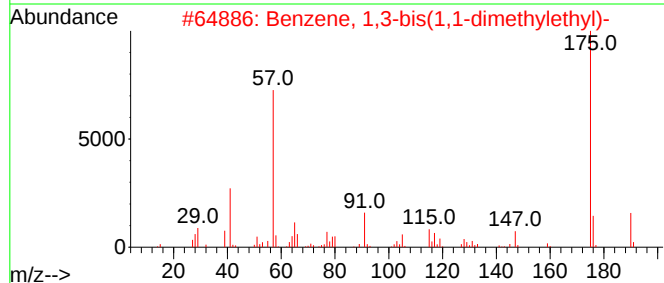
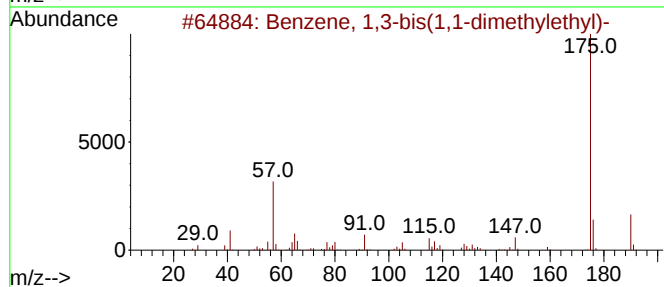
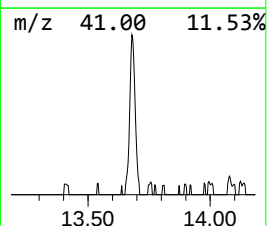
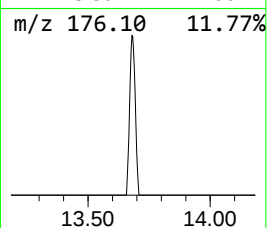
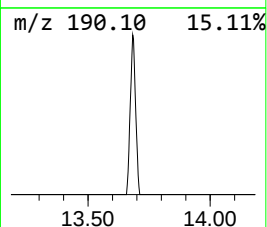
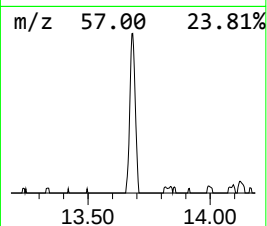
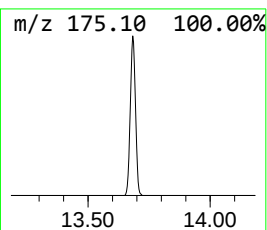
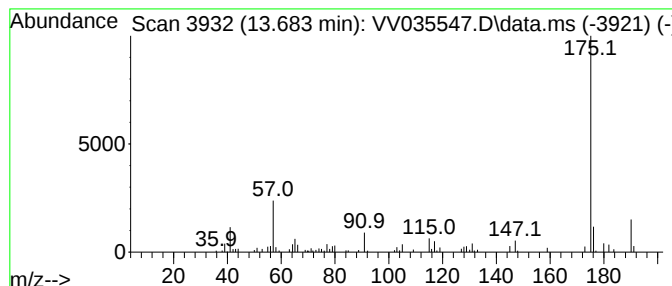
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.34 ug/L	70364	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			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74
5			m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-bi...	13.683	1.3	ug/L	70364	3	11.185	1312720	25.0