

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035779.D
 Acq On : 25 May 2024 03:36
 Operator : SY/MD
 Sample : P2570-22RE
 Misc : 6.35g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH654RE

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: VV035779.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.446	430	437	455	rVB	18246	32395	22.72%	4.610%
2	3.005	609	611	614	rVB2	312	169	0.12%	0.024%
3	3.040	619	622	626	rVB3	252	178	0.12%	0.025%
4	3.089	634	637	638	rBV	286	152	0.11%	0.022%
5	3.265	688	692	695	rBV2	289	291	0.20%	0.041%
6	3.394	729	732	734	rBV	172	137	0.10%	0.019%
7	3.442	744	747	751	rVB2	244	156	0.11%	0.022%
8	3.500	763	765	768	rBV	227	157	0.11%	0.022%
9	3.519	769	771	777	rVB2	410	338	0.24%	0.048%
10	3.568	784	786	787	rBV	138	65	0.05%	0.009%
11	3.661	811	815	817	rBV2	283	197	0.14%	0.028%
12	3.677	817	820	824	rVV2	204	177	0.12%	0.025%
13	3.716	830	832	837	rVB	278	195	0.14%	0.028%
14	3.745	837	841	843	rBV	261	210	0.15%	0.030%
15	3.812	845	862	897	rBV2	40304	142558	100.00%	20.287%
16	4.259	989	1001	1021	rVB2	13083	34006	23.85%	4.839%
17	4.519	1080	1082	1086	rBV2	459	309	0.22%	0.044%
18	4.597	1103	1106	1110	rBV2	262	242	0.17%	0.034%
19	4.642	1117	1120	1121	rBV	170	102	0.07%	0.015%
20	4.712	1139	1142	1147	rBV2	208	197	0.14%	0.028%
21	4.841	1180	1182	1185	rVB2	272	96	0.07%	0.014%
22	4.963	1209	1220	1250	rBV5	28254	82353	57.77%	11.719%
23	5.298	1322	1324	1325	rBV5	163	47	0.03%	0.007%
24	5.352	1339	1341	1344	rBV	483	234	0.16%	0.033%
25	5.375	1344	1348	1353	rBV2	306	269	0.19%	0.038%
26	5.417	1359	1361	1362	rBV	233	96	0.07%	0.014%
27	5.555	1393	1404	1428	rBV3	12620	30801	21.61%	4.383%
28	5.783	1472	1475	1479	rBV2	403	302	0.21%	0.043%
29	5.838	1482	1492	1506	rBV6	6444	15047	10.56%	2.141%
30	5.953	1526	1528	1530	rVB	168	67	0.05%	0.010%
31	5.995	1530	1541	1570	rBV3	20108	49303	34.58%	7.016%
32	6.172	1593	1596	1598	rBV2	239	168	0.12%	0.024%
33	6.211	1605	1608	1613	rVB	277	237	0.17%	0.034%
34	6.551	1710	1714	1719	rBV2	350	436	0.31%	0.062%
35	6.664	1746	1749	1752	rBV2	191	120	0.08%	0.017%
36	6.854	1806	1808	1812	rBV	193	156	0.11%	0.022%

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

37	6.934	1824	1833	1850	rBV4	5055	13099	9.19%	1.864%
38	7.085	1877	1880	1884	rBV	260	218	0.15%	0.031%
39	7.182	1907	1910	1913	rBV	208	118	0.08%	0.017%
40	7.204	1913	1917	1920	rBV3	460	472	0.33%	0.067%
41	7.259	1925	1934	1951	rVV	15691	31255	21.92%	4.448%
42	7.452	1986	1994	1997	rBV2	505	727	0.51%	0.103%
43	7.542	2021	2022	2025	rBV2	148	63	0.04%	0.009%
44	7.584	2026	2035	2045	rBV5	3658	8089	5.67%	1.151%
45	7.838	2106	2114	2115	rBV	241	290	0.20%	0.041%
46	7.873	2116	2125	2138	rVB4	4236	8012	5.62%	1.140%
47	7.995	2160	2163	2165	rBV2	326	195	0.14%	0.028%
48	8.037	2173	2176	2179	rBV2	261	181	0.13%	0.026%
49	8.072	2179	2187	2189	rBV4	3607	4785	3.36%	0.681%
50	8.796	2403	2412	2432	rBV2	27899	53075	37.23%	7.553%
51	9.246	2550	2552	2555	rBV2	399	212	0.15%	0.030%
52	9.403	2598	2601	2603	rBV	319	240	0.17%	0.034%
53	9.445	2611	2614	2619	rVB2	349	322	0.23%	0.046%
54	9.551	2640	2647	2650	rBV3	620	830	0.58%	0.118%
55	9.728	2693	2702	2705	rBV2	522	747	0.52%	0.106%
56	9.850	2736	2740	2743	rBV2	319	283	0.20%	0.040%
57	9.915	2757	2760	2761	rBV	232	157	0.11%	0.022%
58	9.966	2771	2776	2779	rBV2	403	465	0.33%	0.066%
59	10.050	2796	2802	2803	rBV	532	459	0.32%	0.065%
60	10.095	2812	2816	2818	rBV2	267	216	0.15%	0.031%
61	10.156	2825	2835	2850	rBV2	29979	50769	35.61%	7.225%
62	10.243	2860	2862	2864	rBV	249	93	0.07%	0.013%
63	10.323	2877	2887	2897	rBV2	12298	20538	14.41%	2.923%
64	10.860	3045	3054	3055	rBV3	476	653	0.46%	0.093%
65	11.191	3148	3157	3177	rBV	25668	46746	32.79%	6.652%
66	11.368	3207	3212	3217	rVB4	835	865	0.61%	0.123%
67	11.567	3264	3274	3287	rBV2	25225	42465	29.79%	6.043%
68	11.725	3320	3323	3324	rBV	490	290	0.20%	0.041%
69	11.989	3400	3405	3409	rBV3	394	435	0.31%	0.062%
70	12.194	3463	3469	3479	rVB3	6844	10183	7.14%	1.449%
71	12.889	3682	3685	3688	rBV2	410	340	0.24%	0.048%
72	13.355	3828	3830	3831	rBV	325	129	0.09%	0.018%
73	13.683	3925	3932	3941	rVB2	9200	12736	8.93%	1.812%

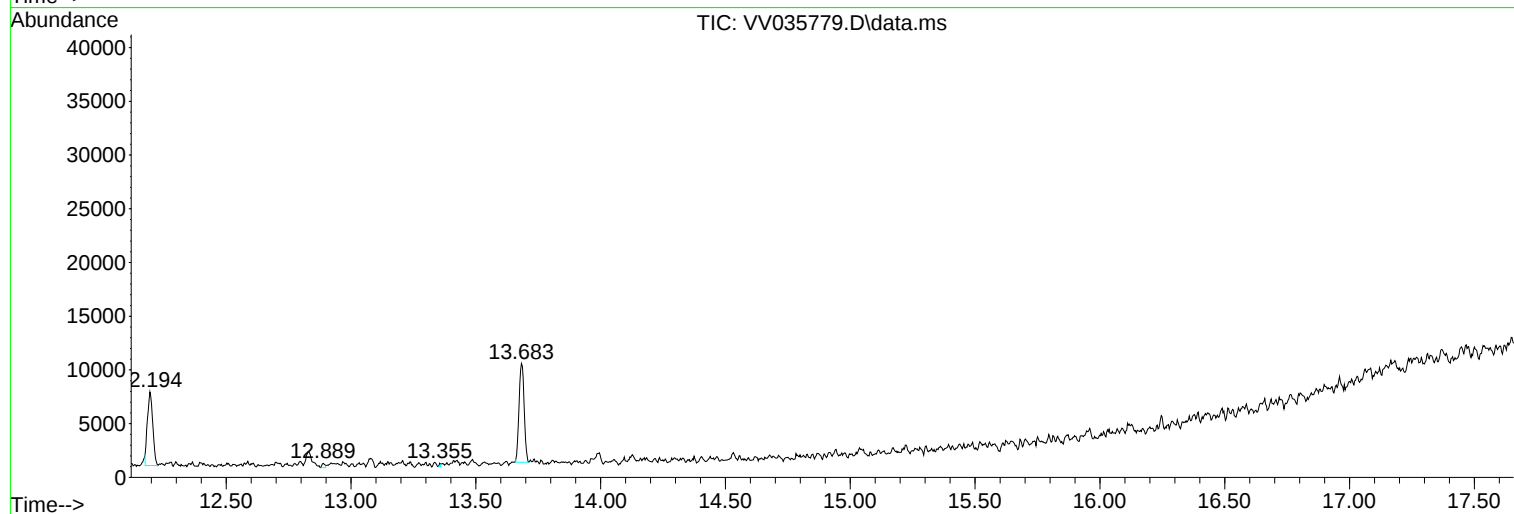
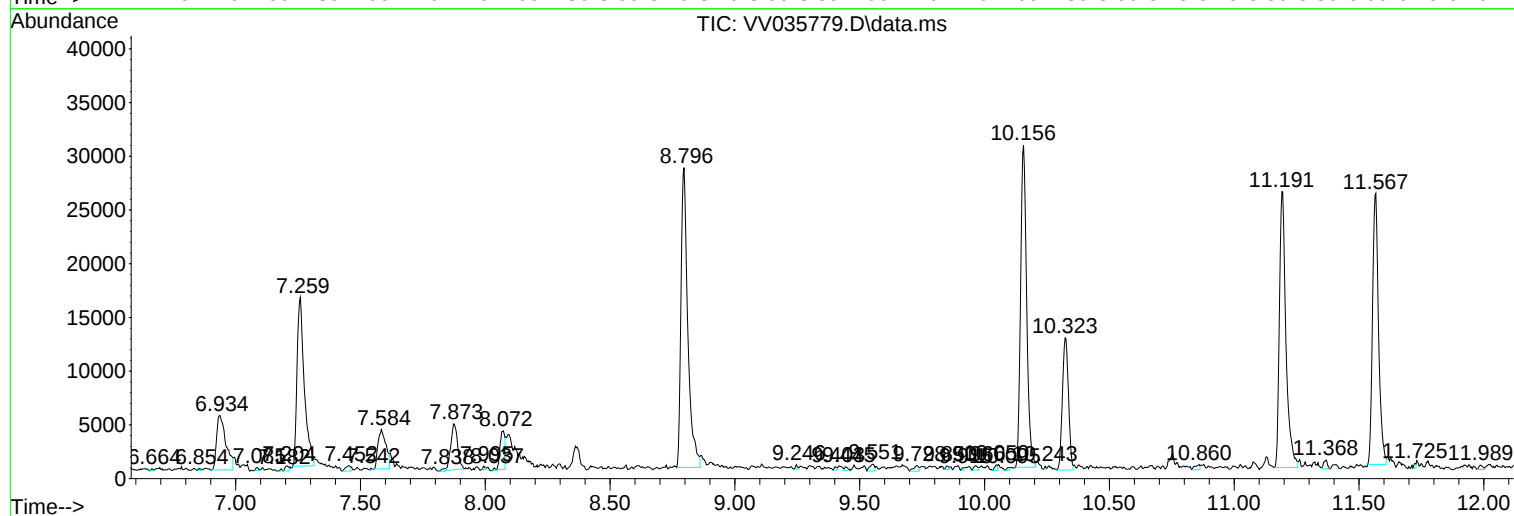
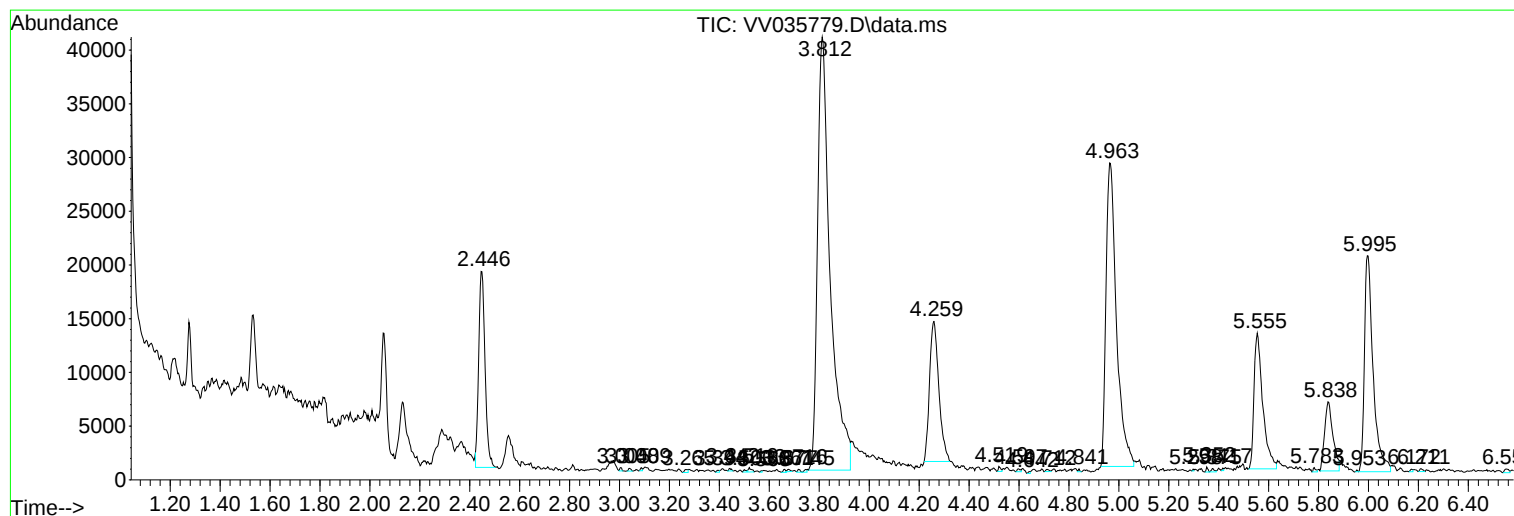
Sum of corrected areas: 702715

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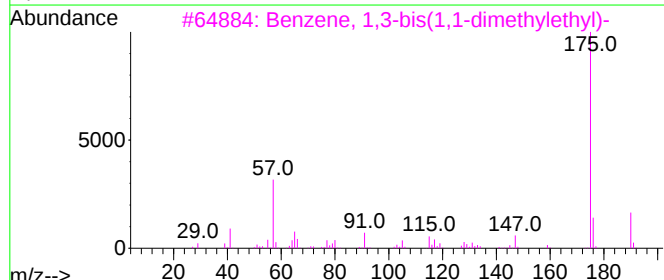
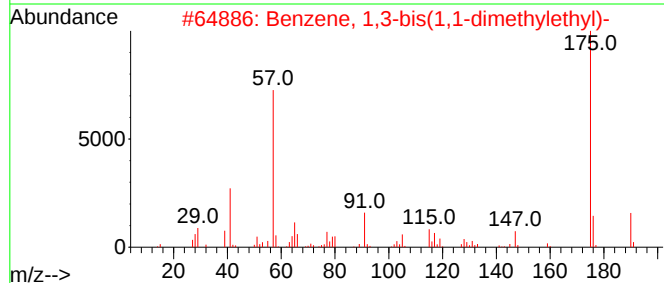
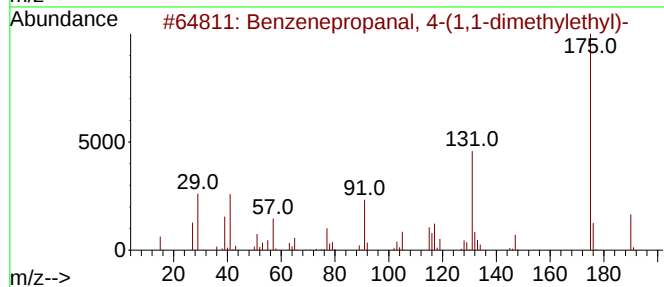
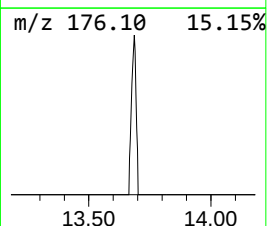
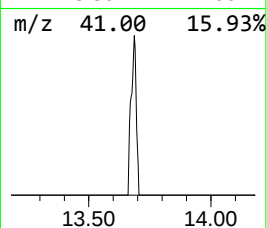
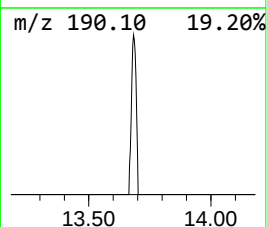
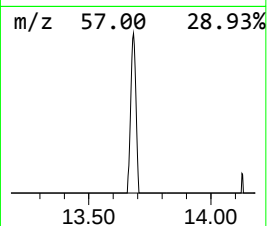
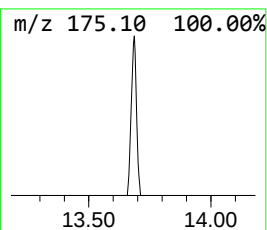
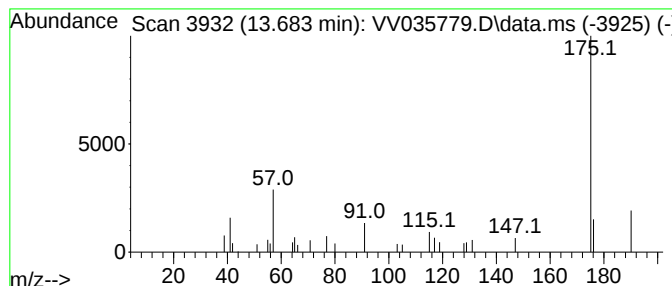
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzenepropanal, 4-(1,1-dimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	6.81 ug/L	12736	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	87
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
4			m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzenepropanal...	13.683	6.8	ug/L	12736	3	11.191	46746	25.0