

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035712.D
 Acq On : 23 May 2024 19:09
 Operator : SY/MD
 Sample : P2568-03RE
 Misc : 6.29g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5Q6RE

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: VV035712.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	68	73	88	rVB	66256	71073	10.41%	1.175%
2	1.529	146	152	167	rVB	67825	79955	11.71%	1.322%
3	2.053	306	315	330	rBV	121211	176418	25.84%	2.918%
4	2.446	427	437	457	rVB	76172	133775	19.59%	2.212%
5	2.555	462	471	490	rVB	16872	36547	5.35%	0.604%
6	2.963	587	598	620	rVB2	12035	26468	3.88%	0.438%
7	3.069	628	631	632	rBV2	571	334	0.05%	0.006%
8	3.259	688	690	695	rVB3	689	532	0.08%	0.009%
9	3.314	700	707	709	rBV2	514	541	0.08%	0.009%
10	3.651	809	812	813	rBV	597	323	0.05%	0.005%
11	3.831	850	868	922	rBV2	86300	385847	56.51%	6.381%
12	4.249	983	998	1027	rBV2	121675	324592	47.54%	5.368%
13	4.603	1106	1108	1113	rVB4	705	541	0.08%	0.009%
14	4.953	1204	1217	1254	rBV3	254297	682803	100.00%	11.292%
15	5.114	1263	1267	1272	rBV4	782	882	0.13%	0.015%
16	5.182	1281	1288	1291	rVB6	786	922	0.14%	0.015%
17	5.204	1291	1295	1299	rBV5	842	816	0.12%	0.013%
18	5.535	1388	1398	1428	rBV	209907	452345	66.25%	7.481%
19	5.757	1464	1467	1471	rBV2	467	407	0.06%	0.007%
20	5.828	1478	1489	1515	rBV2	32033	72795	10.66%	1.204%
21	5.989	1526	1539	1569	rBV	168088	361478	52.94%	5.978%
22	6.278	1625	1629	1632	rBV3	500	374	0.05%	0.006%
23	6.378	1657	1660	1663	rVB	618	358	0.05%	0.006%
24	6.510	1697	1701	1704	rBV3	494	390	0.06%	0.006%
25	6.760	1773	1779	1782	rBV4	491	414	0.06%	0.007%
26	6.918	1814	1828	1852	rBV2	68651	142667	20.89%	2.359%
27	7.104	1884	1886	1889	rBV3	578	332	0.05%	0.005%
28	7.185	1908	1911	1913	rBV3	487	345	0.05%	0.006%
29	7.246	1920	1930	1968	rBV	219169	415818	60.90%	6.877%
30	7.561	2019	2028	2049	rBV	47701	97617	14.30%	1.614%
31	7.709	2072	2074	2080	rVB3	538	443	0.06%	0.007%
32	7.876	2113	2126	2142	rVB	13537	26278	3.85%	0.435%
33	7.989	2157	2161	2164	rBV2	452	366	0.05%	0.006%
34	8.034	2167	2175	2208	rBV2	100808	245828	36.00%	4.065%
35	8.291	2252	2255	2258	rBV3	655	554	0.08%	0.009%
36	8.313	2258	2262	2268	rVV5	1786	1730	0.25%	0.029%

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

37	8.362	2269	2277	2287	rVV2	11583	19272	2.82%	0.319%
38	8.455	2303	2306	2309	rVB4	711	397	0.06%	0.007%
39	8.474	2309	2312	2314	rBV3	718	378	0.06%	0.006%
40	8.500	2316	2320	2322	rBV2	593	514	0.08%	0.009%
41	8.513	2322	2324	2329	rVB4	742	447	0.07%	0.007%
42	8.567	2333	2341	2343	rBV4	544	506	0.07%	0.008%
43	8.719	2383	2388	2391	rVB4	462	389	0.06%	0.006%
44	8.783	2398	2408	2453	rBV	376782	659149	96.54%	10.901%
45	9.050	2488	2491	2495	rBV3	450	459	0.07%	0.008%
46	9.198	2531	2537	2538	rBV2	515	448	0.07%	0.007%
47	9.259	2550	2556	2559	rBV4	520	438	0.06%	0.007%
48	9.310	2568	2572	2575	rBV	460	417	0.06%	0.007%
49	9.503	2630	2632	2637	rVB3	492	346	0.05%	0.006%
50	9.709	2691	2696	2699	rBV2	448	429	0.06%	0.007%
51	9.837	2731	2736	2742	rVV4	772	881	0.13%	0.015%
52	9.889	2748	2752	2759	rVB3	409	400	0.06%	0.007%
53	9.982	2776	2781	2783	rBV3	595	500	0.07%	0.008%
54	10.056	2798	2804	2807	rBV4	981	906	0.13%	0.015%
55	10.153	2822	2834	2862	rBV	221594	357279	52.33%	5.909%
56	10.275	2867	2872	2874	rVV2	433	414	0.06%	0.007%
57	10.323	2876	2887	2899	rVV2	24617	40040	5.86%	0.662%
58	10.374	2899	2903	2909	rVB3	450	466	0.07%	0.008%
59	10.458	2924	2929	2934	rBV3	283	320	0.05%	0.005%
60	10.513	2942	2946	2948	rBV3	659	524	0.08%	0.009%
61	10.686	2996	3000	3005	rVB3	412	387	0.06%	0.006%
62	10.747	3010	3019	3025	rBV4	1778	2681	0.39%	0.044%
63	10.854	3045	3052	3060	rBV6	1905	2848	0.42%	0.047%
64	10.969	3082	3088	3091	rBV4	520	573	0.08%	0.009%
65	11.018	3096	3103	3112	rBV3	416	707	0.10%	0.012%
66	11.082	3113	3123	3134	rBV6	3620	6098	0.89%	0.101%
67	11.130	3134	3138	3144	rVB4	581	640	0.09%	0.011%
68	11.185	3144	3155	3186	rBV	371454	604991	88.60%	10.005%
69	11.484	3245	3248	3250	rBV2	575	388	0.06%	0.006%
70	11.561	3258	3272	3291	rBV	326555	527345	77.23%	8.721%
71	11.786	3333	3342	3350	rBV9	1944	3384	0.50%	0.056%
72	11.844	3356	3360	3365	rBV4	1288	1052	0.15%	0.017%
73	11.911	3379	3381	3384	rBV2	597	406	0.06%	0.007%
74	12.027	3414	3417	3420	rBV3	638	459	0.07%	0.008%
75	12.194	3459	3469	3482	rVB2	10063	17148	2.51%	0.284%
76	12.252	3482	3487	3488	rBV3	545	416	0.06%	0.007%

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

77	12.326	3505	3510	3513	rBV4	514	517	0.08%	0.009%
78	12.358	3517	3520	3525	rVB4	794	714	0.10%	0.012%
79	12.464	3548	3553	3554	rBV	492	344	0.05%	0.006%
80	12.529	3571	3573	3575	rBV2	573	351	0.05%	0.006%
81	12.661	3611	3614	3621	rVB4	397	334	0.05%	0.006%
82	12.731	3630	3636	3638	rVB3	375	356	0.05%	0.006%
83	12.831	3657	3667	3674	rVB5	3005	4006	0.59%	0.066%
84	12.902	3686	3689	3698	rVB4	480	462	0.07%	0.008%
85	13.075	3737	3743	3750	rVB4	1483	2113	0.31%	0.035%
86	13.175	3771	3774	3779	rVB4	516	480	0.07%	0.008%
87	13.217	3784	3787	3792	rVB2	618	596	0.09%	0.010%
88	13.519	3876	3881	3883	rBV2	579	604	0.09%	0.010%
89	13.558	3889	3893	3896	rBV4	554	364	0.05%	0.006%
90	13.683	3923	3932	3942	rVB	21600	31367	4.59%	0.519%
91	13.738	3946	3949	3951	rBV2	453	361	0.05%	0.006%
92	13.834	3973	3979	3983	rVB6	675	736	0.11%	0.012%
93	13.931	4007	4009	4013	rVB2	588	382	0.06%	0.006%
94	13.985	4021	4026	4033	rVB5	1635	2025	0.30%	0.033%
95	14.078	4052	4055	4058	rBV2	540	462	0.07%	0.008%
96	14.130	4066	4071	4076	rVB6	762	847	0.12%	0.014%
97	14.468	4174	4176	4181	rBV3	527	326	0.05%	0.005%
98	14.548	4198	4201	4205	rBV4	740	545	0.08%	0.009%
99	14.680	4239	4242	4243	rBV2	690	381	0.06%	0.006%
100	15.101	4371	4373	4376	rBV2	620	364	0.05%	0.006%

Sum of corrected areas: 6046787

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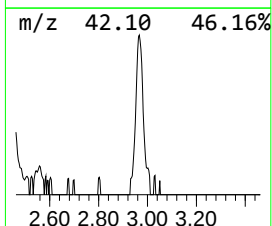
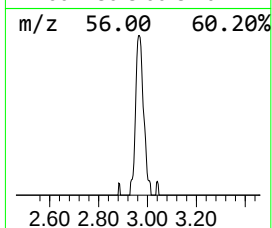
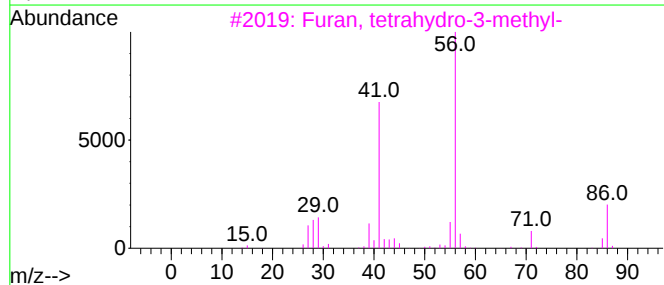
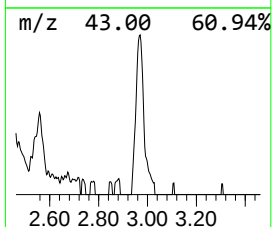
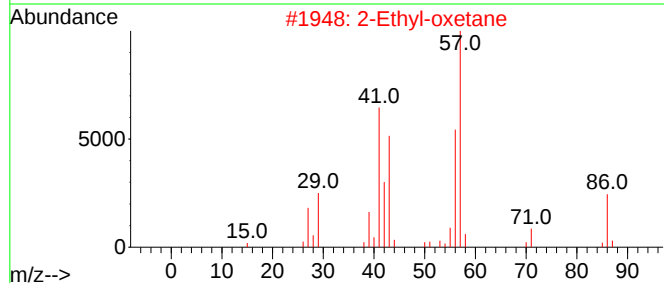
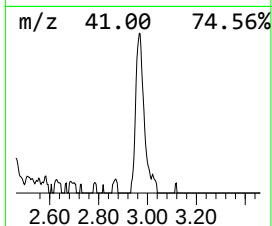
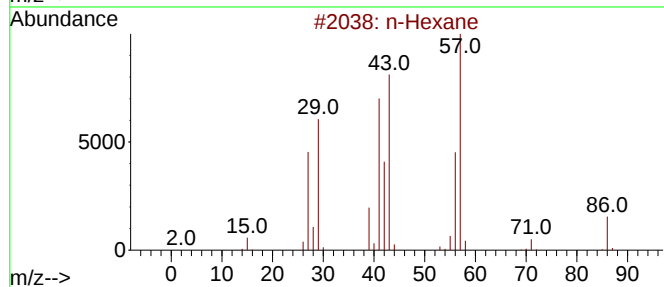
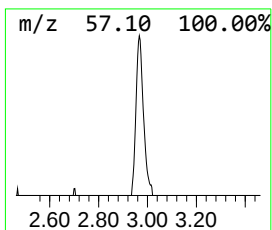
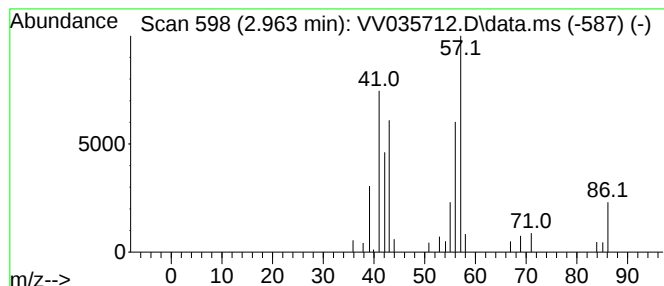
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.46 ug/L	26468	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	72
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
3			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
4			n-Hexane	86	C6H14	000110-54-3	42
5			1-Hexene	84	C6H12	000592-41-6	40



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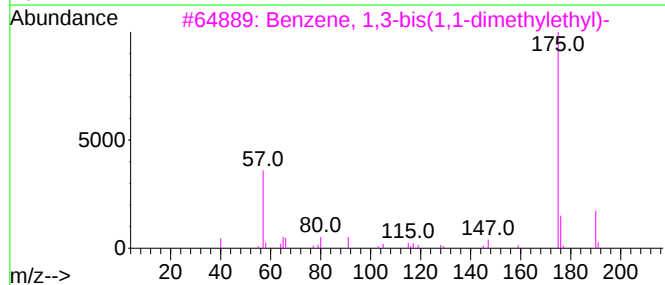
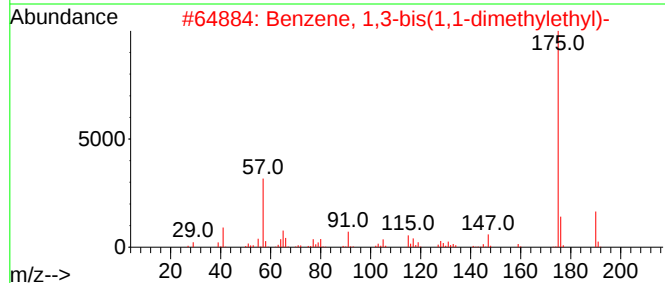
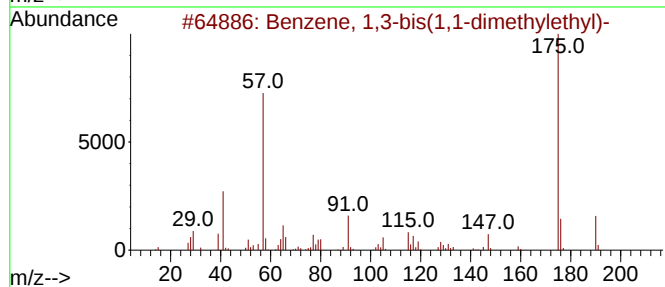
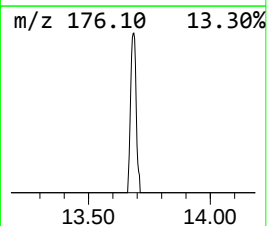
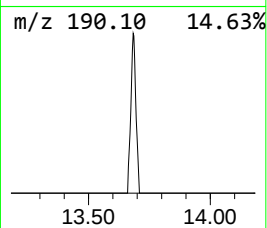
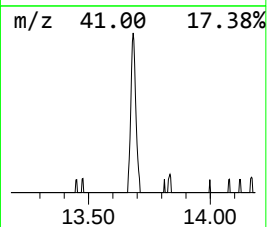
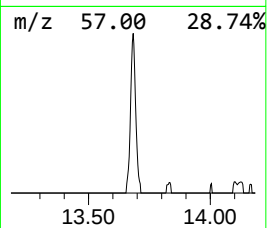
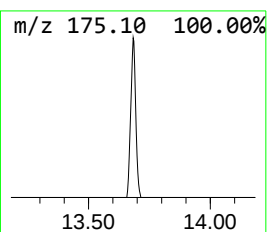
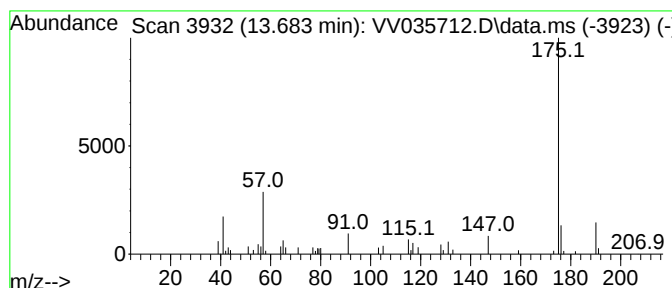
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.30 ug/L	31367	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	94
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	91
4			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	2.963	1.5	ug/L	26468	1	5.535	452345	25.0
Benzene, 1,3-bi...	13.683	1.3	ug/L	31367	3	11.185	604991	25.0