

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035708.D
 Acq On : 23 May 2024 17:38
 Operator : SY/MD
 Sample : P2568-22
 Misc : 5.07g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH643

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: VV035708.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	67	72	85	rVB	206058	223774	13.71%	2.182%
2	1.529	145	152	168	rVB	203354	245146	15.02%	2.391%
3	2.053	306	315	335	rVB	371737	546097	33.45%	5.326%
4	2.442	427	436	457	rVB	157394	269279	16.49%	2.626%
5	2.828	553	556	562	rBV4	457	378	0.02%	0.004%
6	2.851	562	563	565	rBV	297	136	0.01%	0.001%
7	2.963	587	598	613	rBV3	21932	46441	2.84%	0.453%
8	3.076	631	633	634	rBV	261	116	0.01%	0.001%
9	3.134	646	651	657	rBV2	526	615	0.04%	0.006%
10	3.172	657	663	665	rBV2	568	536	0.03%	0.005%
11	3.217	675	677	680	rBV	225	91	0.01%	0.001%
12	3.256	686	689	692	rBV2	349	288	0.02%	0.003%
13	3.327	707	711	712	rBV	237	180	0.01%	0.002%
14	3.333	712	713	716	rVB	300	155	0.01%	0.002%
15	3.413	736	738	741	rVB	287	110	0.01%	0.001%
16	3.465	751	754	757	rVB2	162	106	0.01%	0.001%
17	3.487	757	761	762	rBV	208	135	0.01%	0.001%
18	3.536	773	776	778	rBV	354	252	0.02%	0.002%
19	3.609	795	799	802	rVB	313	117	0.01%	0.001%
20	3.626	802	804	806	rBV	233	122	0.01%	0.001%
21	3.658	812	814	817	rBV	319	239	0.01%	0.002%
22	3.693	823	825	827	rVB	394	166	0.01%	0.002%
23	3.773	848	850	851	rBV	243	91	0.01%	0.001%
24	3.847	852	873	923	rVV3	40197	234682	14.38%	2.289%
25	4.246	982	997	1026	rBV	304968	796900	48.81%	7.772%
26	4.658	1121	1125	1130	rVB2	791	746	0.05%	0.007%
27	4.680	1130	1132	1133	rBV2	412	133	0.01%	0.001%
28	4.725	1144	1146	1148	rVB	343	121	0.01%	0.001%
29	4.741	1148	1151	1153	rBV	295	200	0.01%	0.002%
30	4.777	1160	1162	1164	rVB2	410	170	0.01%	0.002%
31	4.799	1164	1169	1172	rBV4	382	364	0.02%	0.004%
32	4.844	1181	1183	1186	rVB	380	192	0.01%	0.002%
33	4.863	1187	1189	1191	rVB	292	106	0.01%	0.001%
34	4.953	1202	1217	1264	rBV2	623640	1632551	100.00%	15.922%
35	5.532	1386	1397	1430	rBV	410022	878216	53.79%	8.565%
36	5.828	1478	1489	1506	rBV2	30278	69029	4.23%	0.673%

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 Title : VOC Analysis

37	5.986	1523	1538	1565	rBV	401307	855466	52.40%	8.343%
38	6.355	1650	1653	1656	rBV2	351	260	0.02%	0.003%
39	6.400	1664	1667	1669	rBV3	319	244	0.01%	0.002%
40	6.433	1675	1677	1680	rVB3	427	204	0.01%	0.002%
41	6.455	1680	1684	1688	rBV3	415	381	0.02%	0.004%
42	6.526	1703	1706	1707	rBV2	222	108	0.01%	0.001%
43	6.577	1719	1722	1725	rBV2	228	164	0.01%	0.002%
44	6.600	1725	1729	1730	rBV	358	223	0.01%	0.002%
45	6.635	1737	1740	1743	rBV2	661	549	0.03%	0.005%
46	6.690	1755	1757	1759	rVB2	461	193	0.01%	0.002%
47	6.741	1770	1773	1775	rBV	312	181	0.01%	0.002%
48	6.789	1786	1788	1792	rVB2	236	178	0.01%	0.002%
49	6.815	1792	1796	1800	rBV3	509	432	0.03%	0.004%
50	6.863	1807	1811	1814	rBV3	494	419	0.03%	0.004%
51	6.915	1816	1827	1855	rBV	109030	219410	13.44%	2.140%
52	7.127	1890	1893	1894	rBV	471	303	0.02%	0.003%
53	7.243	1917	1929	1969	rBV	603289	1103786	67.61%	10.765%
54	7.558	2018	2027	2057	rBV2	68905	138946	8.51%	1.355%
55	7.876	2114	2126	2137	rBV2	8661	15662	0.96%	0.153%
56	7.918	2137	2139	2144	rVB2	884	710	0.04%	0.007%
57	7.944	2145	2147	2149	rBV2	322	162	0.01%	0.002%
58	8.050	2171	2180	2214	rBV6	26831	93555	5.73%	0.912%
59	8.304	2257	2259	2267	rVB4	808	745	0.05%	0.007%
60	8.365	2268	2278	2292	rVV3	10989	20460	1.25%	0.200%
61	8.455	2304	2306	2308	rBV2	248	123	0.01%	0.001%
62	8.555	2334	2337	2339	rBV	449	279	0.02%	0.003%
63	8.645	2363	2365	2366	rBV	221	88	0.01%	0.001%
64	8.709	2383	2385	2388	rBV	206	125	0.01%	0.001%
65	8.783	2398	2408	2444	rBV	547275	930895	57.02%	9.079%
66	9.178	2529	2531	2532	rBV3	414	153	0.01%	0.001%
67	9.265	2555	2558	2560	rBV3	546	370	0.02%	0.004%
68	9.284	2560	2564	2568	rVB2	367	326	0.02%	0.003%
69	9.336	2578	2580	2582	rBV2	342	172	0.01%	0.002%
70	9.397	2595	2599	2602	rBV3	412	441	0.03%	0.004%
71	9.439	2608	2612	2613	rBV2	384	314	0.02%	0.003%
72	9.461	2617	2619	2623	rVV	283	191	0.01%	0.002%
73	9.657	2678	2680	2682	rVB	221	95	0.01%	0.001%
74	9.674	2682	2685	2686	rBV	557	318	0.02%	0.003%
75	9.699	2691	2693	2696	rVB2	191	100	0.01%	0.001%
76	9.728	2696	2702	2705	rBV2	635	630	0.04%	0.006%

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Title : VOC Analysis

77	9.757	2708	2711	2714	rBV3	460	384	0.02%	0.004%
78	9.918	2758	2761	2768	rVB3	277	319	0.02%	0.003%
79	10.034	2795	2797	2801	rBV2	218	119	0.01%	0.001%
80	10.066	2803	2807	2813	rVV5	970	1087	0.07%	0.011%
81	10.153	2822	2834	2858	rBV	296914	477437	29.24%	4.656%
82	10.323	2879	2887	2900	rVB2	18283	29771	1.82%	0.290%
83	10.378	2900	2904	2908	rBV2	409	303	0.02%	0.003%
84	10.506	2942	2944	2948	rBV2	423	448	0.03%	0.004%
85	10.645	2984	2987	2988	rBV	205	127	0.01%	0.001%
86	10.664	2991	2993	2999	rVB2	641	442	0.03%	0.004%
87	10.690	2999	3001	3005	rBV	392	292	0.02%	0.003%
88	10.828	3039	3044	3046	rBV2	509	445	0.03%	0.004%
89	10.960	3082	3085	3086	rBV3	449	215	0.01%	0.002%
90	11.001	3095	3098	3099	rBV	184	106	0.01%	0.001%
91	11.079	3116	3122	3131	rBV7	3852	5753	0.35%	0.056%
92	11.130	3135	3138	3139	rBV2	739	341	0.02%	0.003%
93	11.185	3145	3155	3181	rBV	385429	619125	37.92%	6.038%
94	11.558	3260	3271	3290	rBV	446080	721358	44.19%	7.035%
95	12.191	3461	3468	3478	rVB3	9515	14976	0.92%	0.146%
96	12.307	3500	3504	3505	rBV2	490	327	0.02%	0.003%
97	12.731	3633	3636	3638	rBV	269	157	0.01%	0.002%
98	12.831	3661	3667	3675	rVB5	3376	4353	0.27%	0.042%
99	13.329	3820	3822	3824	rVB2	605	236	0.01%	0.002%
100	13.683	3924	3932	3944	rVB	27713	39778	2.44%	0.388%

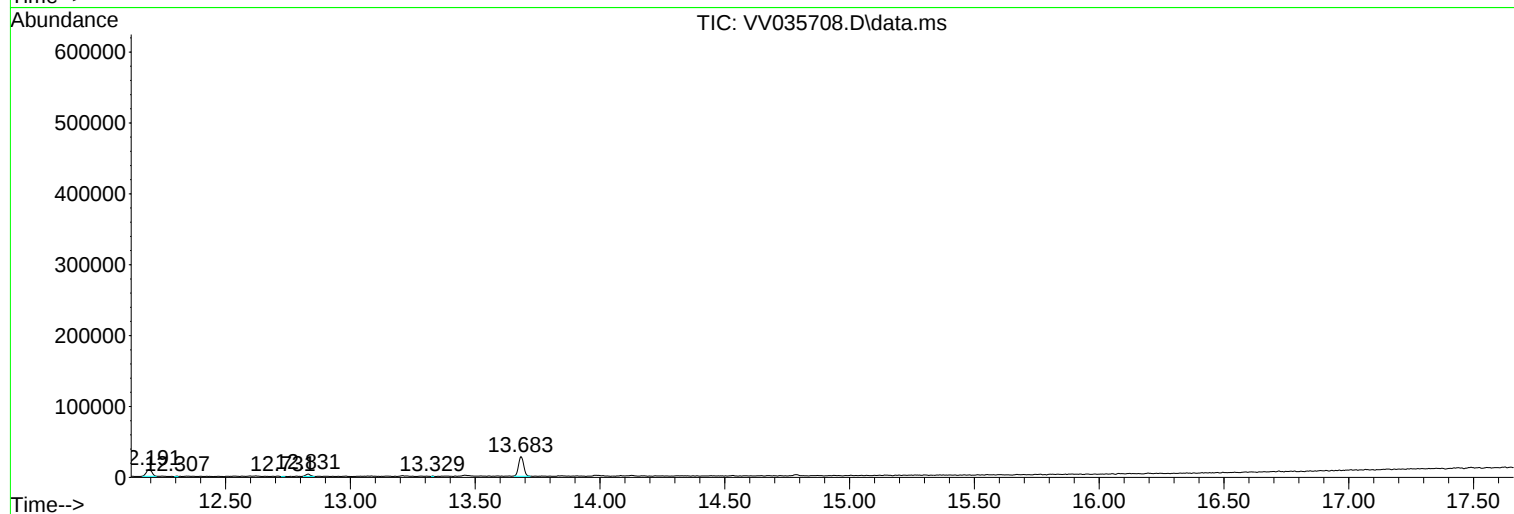
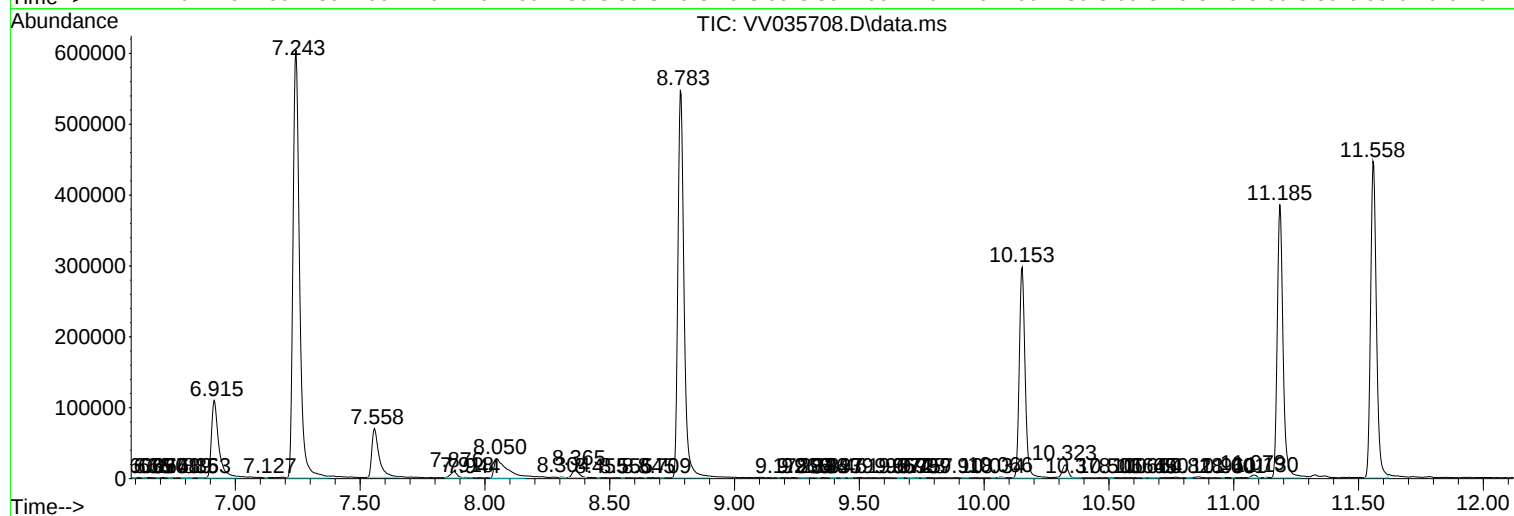
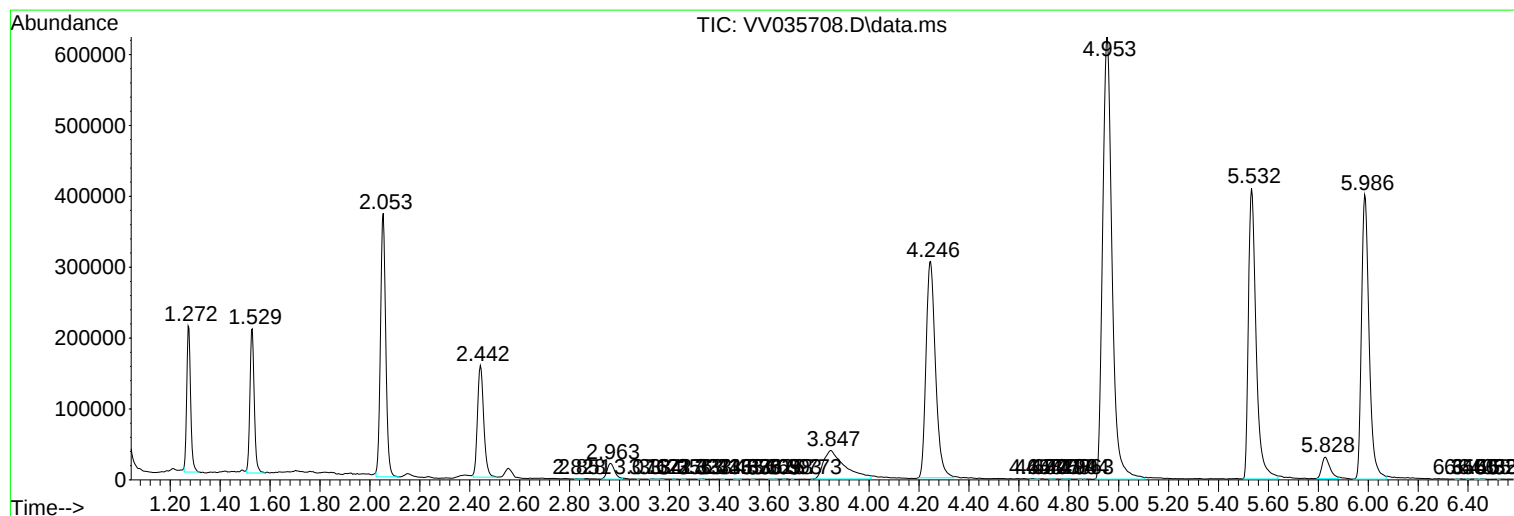
Sum of corrected areas: 10253240

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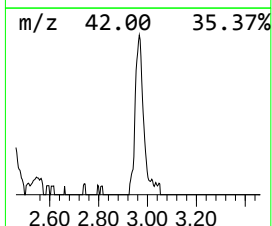
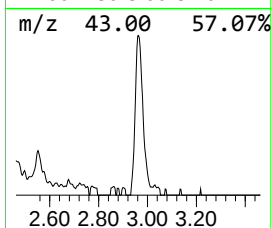
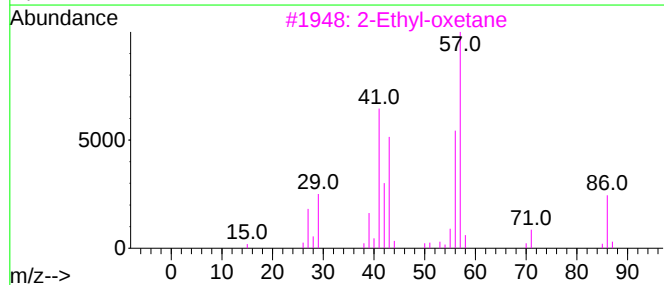
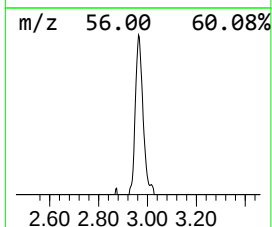
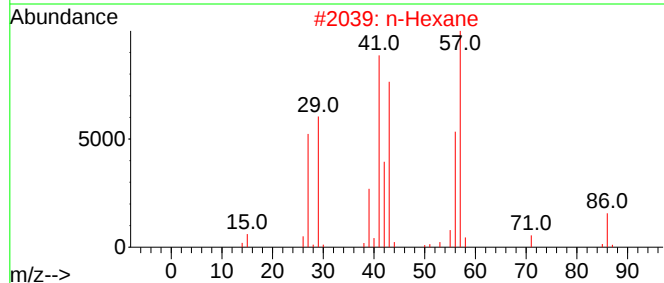
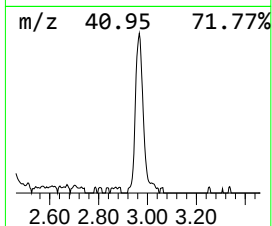
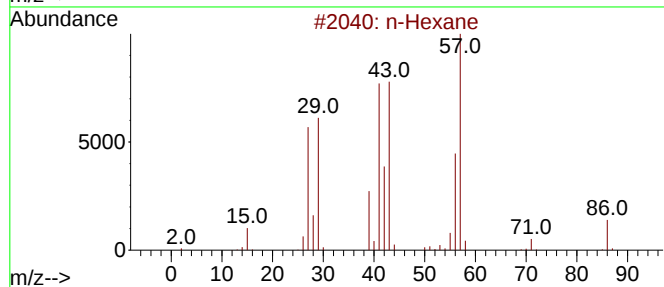
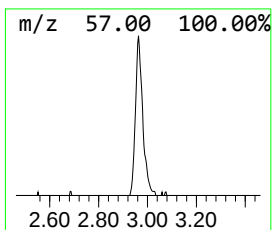
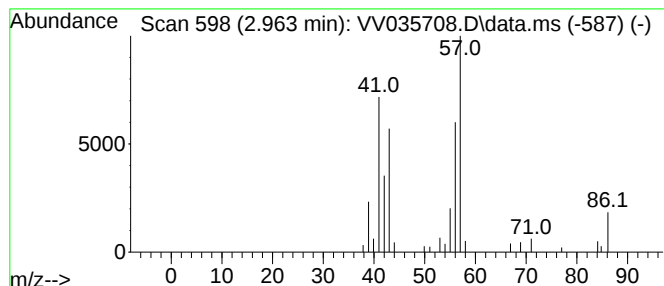
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.32 ug/L	46441	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	80
2			n-Hexane	86	C6H14	000110-54-3	72
3			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
4			n-Hexane	86	C6H14	000110-54-3	64
5			n-Hexane	86	C6H14	000110-54-3	56



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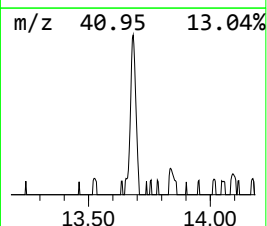
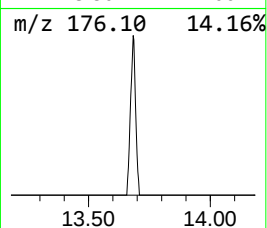
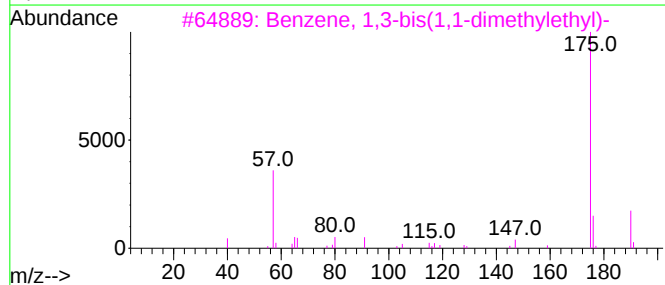
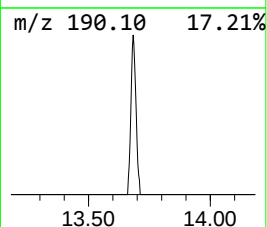
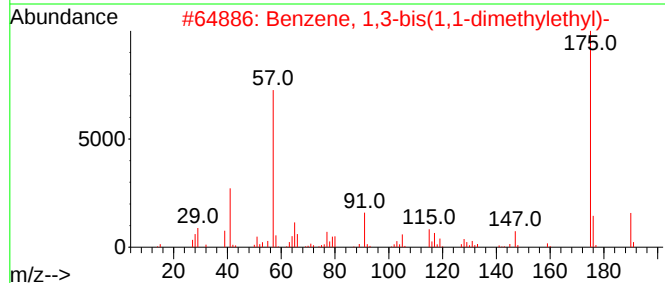
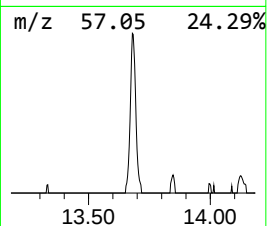
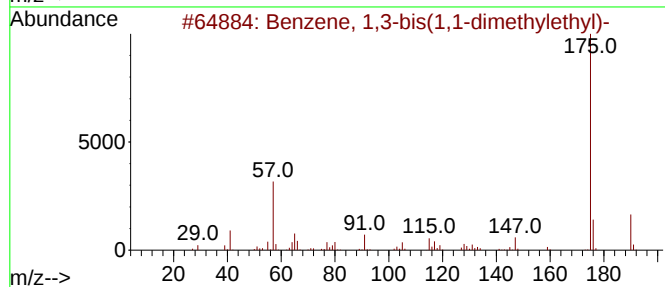
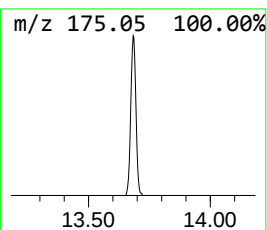
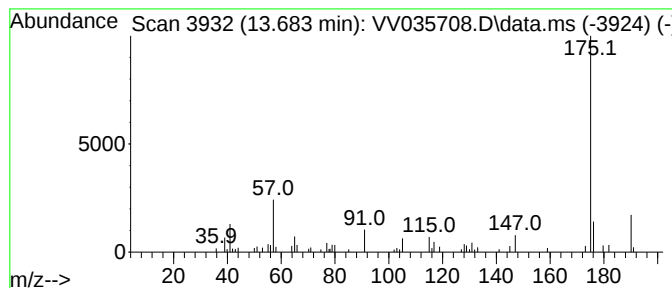
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.61 ug/L	39778	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	94
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	2.963	1.3	ug/L	46441	1	5.532	878216	25.0
Benzene, 1,3-bi...	13.683	1.6	ug/L	39778	3	11.185	619125	25.0