

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035702.D
 Acq On : 23 May 2024 14:32
 Operator : SY/MD
 Sample : P2568-17
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH637

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: VV035707.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.207	48	52	62	rVV	20861	17077	2.14%	0.296%
2	1.272	66	72	87	rVB	100228	107819	13.50%	1.867%
3	1.526	145	151	164	rVB	92563	110529	13.84%	1.914%
4	2.050	305	314	334	rVB	175787	262130	32.81%	4.539%
5	2.150	334	345	368	rBV2	31225	70520	8.83%	1.221%
6	2.442	426	436	457	rVB	125882	219746	27.51%	3.805%
7	2.555	461	471	486	rVB	32388	68384	8.56%	1.184%
8	2.960	587	597	617	rVV3	13971	31452	3.94%	0.545%
9	3.240	681	684	687	rVB2	452	294	0.04%	0.005%
10	3.285	693	698	704	rBV2	303	313	0.04%	0.005%
11	3.391	725	731	737	rBV2	370	535	0.07%	0.009%
12	3.442	743	747	751	rBV2	239	293	0.04%	0.005%
13	3.641	805	809	811	rBV2	404	326	0.04%	0.006%
14	3.841	846	871	922	rBV3	78284	446528	55.90%	7.731%
15	4.246	982	997	1025	rBV	137861	367001	45.94%	6.354%
16	4.571	1096	1098	1101	rVB2	655	325	0.04%	0.006%
17	4.651	1121	1123	1127	rVB2	442	317	0.04%	0.005%
18	4.770	1156	1160	1162	rBV3	449	306	0.04%	0.005%
19	4.953	1197	1217	1251	rBV2	296996	798850	100.00%	13.831%
20	5.275	1315	1317	1320	rVV3	595	356	0.04%	0.006%
21	5.349	1338	1340	1344	rBV2	409	298	0.04%	0.005%
22	5.535	1388	1398	1425	rBV	150554	330585	41.38%	5.724%
23	5.764	1467	1469	1473	rBV4	413	359	0.04%	0.006%
24	5.828	1478	1489	1509	rBV3	22442	53380	6.68%	0.924%
25	5.989	1526	1539	1570	rBV	197562	429681	53.79%	7.440%
26	6.233	1612	1615	1617	rBV	490	303	0.04%	0.005%
27	6.307	1634	1638	1644	rBV6	491	549	0.07%	0.010%
28	6.628	1733	1738	1743	rBV4	635	725	0.09%	0.013%
29	6.789	1784	1788	1790	rBV3	564	458	0.06%	0.008%
30	6.918	1818	1828	1860	rBV	49176	105489	13.21%	1.826%
31	7.156	1899	1902	1903	rBV2	590	326	0.04%	0.006%
32	7.243	1918	1929	1961	rBV	252617	472417	59.14%	8.180%
33	7.429	1984	1987	1991	rVB2	646	548	0.07%	0.009%
34	7.526	2014	2017	2019	rBV2	684	387	0.05%	0.007%
35	7.561	2019	2028	2047	rBV	33391	69065	8.65%	1.196%
36	7.741	2080	2084	2086	rBV4	371	307	0.04%	0.005%

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 Title : VOC Analysis

37	7.873	2114	2125	2138	rBV2	11342	20015	2.51%	0.347%
38	8.050	2171	2180	2209	rBV	20750	62643	7.84%	1.085%
39	8.361	2267	2277	2299	rVB2	27137	50111	6.27%	0.868%
40	8.448	2300	2304	2307	rBV6	393	314	0.04%	0.005%
41	8.580	2338	2345	2349	rBV3	526	573	0.07%	0.010%
42	8.606	2349	2353	2355	rBV	425	305	0.04%	0.005%
43	8.641	2360	2364	2367	rBV3	431	315	0.04%	0.005%
44	8.786	2398	2409	2434	rBV	239420	417981	52.32%	7.237%
45	8.992	2469	2473	2478	rVB4	383	331	0.04%	0.006%
46	9.101	2504	2507	2511	rBV	453	352	0.04%	0.006%
47	9.127	2511	2515	2517	rVV	507	429	0.05%	0.007%
48	9.152	2521	2523	2526	rVV	583	318	0.04%	0.006%
49	9.181	2530	2532	2538	rVB3	475	408	0.05%	0.007%
50	9.702	2691	2694	2698	rVB2	542	374	0.05%	0.006%
51	9.828	2729	2733	2737	rBV2	543	572	0.07%	0.010%
52	10.014	2789	2791	2794	rBV	409	310	0.04%	0.005%
53	10.152	2823	2834	2860	rVV	227207	369849	46.30%	6.404%
54	10.323	2872	2887	2899	rBV2	19703	31744	3.97%	0.550%
55	10.532	2949	2952	2957	rVB3	424	371	0.05%	0.006%
56	10.641	2981	2986	2987	rBV2	500	304	0.04%	0.005%
57	10.747	3013	3019	3029	rVB5	1489	2042	0.26%	0.035%
58	10.805	3035	3037	3040	rVB2	527	308	0.04%	0.005%
59	10.834	3040	3046	3047	rBV3	345	301	0.04%	0.005%
60	10.850	3047	3051	3053	rBV3	725	529	0.07%	0.009%
61	10.863	3053	3055	3059	rVB5	593	363	0.05%	0.006%
62	10.943	3075	3080	3083	rBV2	397	363	0.05%	0.006%
63	11.021	3100	3104	3109	rVB2	710	632	0.08%	0.011%
64	11.085	3115	3124	3129	rBV5	1087	1762	0.22%	0.031%
65	11.185	3145	3155	3181	rBV	202439	336746	42.15%	5.831%
66	11.316	3193	3196	3197	rBV	563	328	0.04%	0.006%
67	11.326	3197	3199	3201	rVV3	647	399	0.05%	0.007%
68	11.400	3220	3222	3226	rVB	550	292	0.04%	0.005%
69	11.426	3226	3230	3233	rBV2	452	435	0.05%	0.008%
70	11.561	3260	3272	3290	rBV	247610	409275	51.23%	7.086%
71	11.725	3321	3323	3325	rBV	604	368	0.05%	0.006%
72	11.767	3333	3336	3337	rBV	721	438	0.05%	0.008%
73	12.062	3425	3428	3434	rVB4	451	477	0.06%	0.008%
74	12.094	3434	3438	3443	rVB2	464	441	0.06%	0.008%
75	12.123	3443	3447	3450	rBV	435	383	0.05%	0.007%
76	12.194	3457	3469	3479	rBV2	13269	21212	2.66%	0.367%

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77	12.297	3498	3501	3504	rBV2	380	305	0.04%	0.005%
78	12.393	3529	3531	3535	rVB2	544	313	0.04%	0.005%
79	12.426	3538	3541	3547	rVB2	425	403	0.05%	0.007%
80	12.532	3571	3574	3576	rBV2	568	419	0.05%	0.007%
81	12.580	3582	3589	3594	rBV5	1508	2237	0.28%	0.039%
82	12.657	3610	3613	3616	rVB2	577	368	0.05%	0.006%
83	12.680	3617	3620	3624	rBV2	434	441	0.06%	0.008%
84	12.721	3630	3633	3636	rBV2	471	427	0.05%	0.007%
85	12.828	3660	3666	3674	rVB5	2523	3668	0.46%	0.064%
86	13.075	3740	3743	3748	rVB3	810	729	0.09%	0.013%
87	13.201	3778	3782	3783	rBV2	634	479	0.06%	0.008%
88	13.483	3868	3870	3875	rVB3	781	593	0.07%	0.010%
89	13.516	3875	3880	3882	rBV3	843	647	0.08%	0.011%
90	13.683	3921	3932	3942	rBV	35813	51556	6.45%	0.893%
91	13.895	3995	3998	4000	rBV4	599	394	0.05%	0.007%
92	13.982	4019	4025	4036	rBV2	2601	4485	0.56%	0.078%
93	14.082	4053	4056	4060	rBV5	948	811	0.10%	0.014%
94	14.127	4066	4070	4077	rVB5	1436	1489	0.19%	0.026%
95	14.165	4080	4082	4088	rVB6	958	907	0.11%	0.016%
96	14.287	4118	4120	4122	rBV2	584	359	0.04%	0.006%
97	14.381	4145	4149	4151	rBV3	693	482	0.06%	0.008%
98	14.612	4218	4221	4225	rBV4	852	648	0.08%	0.011%
99	14.721	4253	4255	4260	rBV4	635	417	0.05%	0.007%
100	14.776	4270	4272	4273	rBV2	745	324	0.04%	0.006%

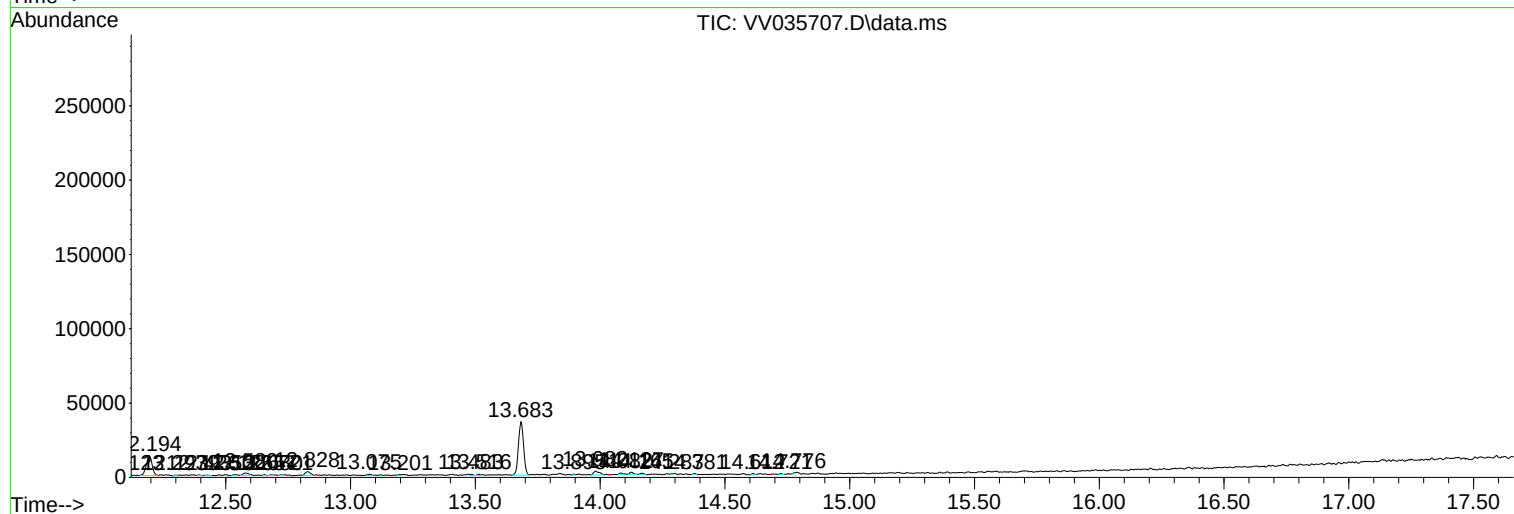
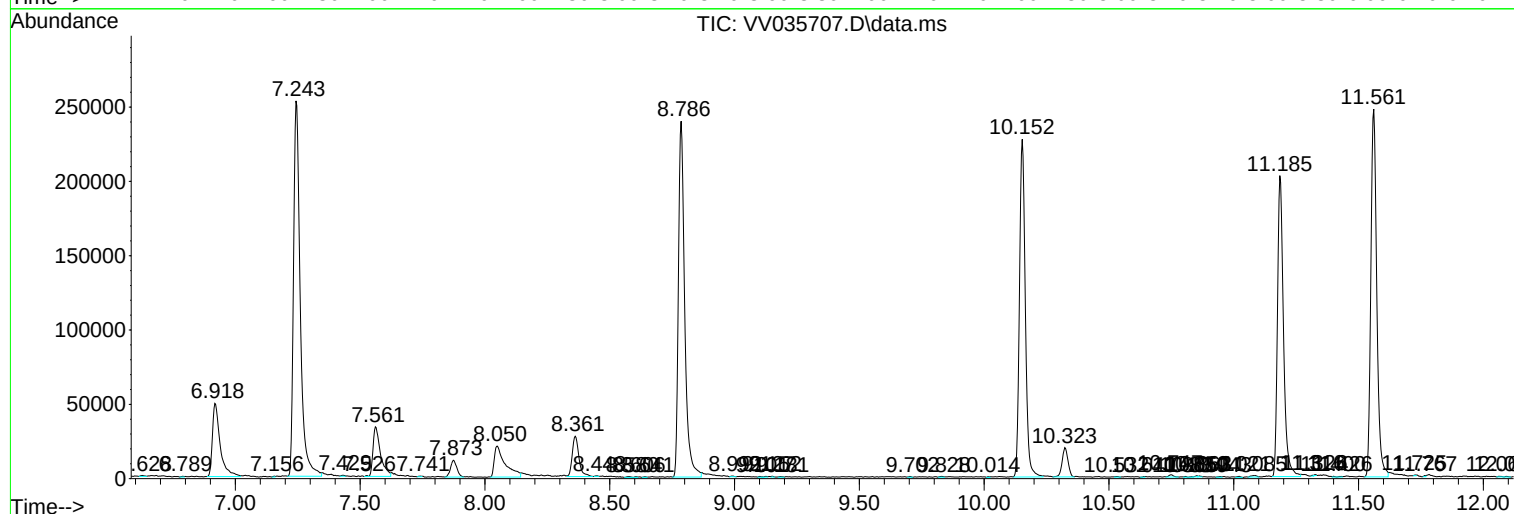
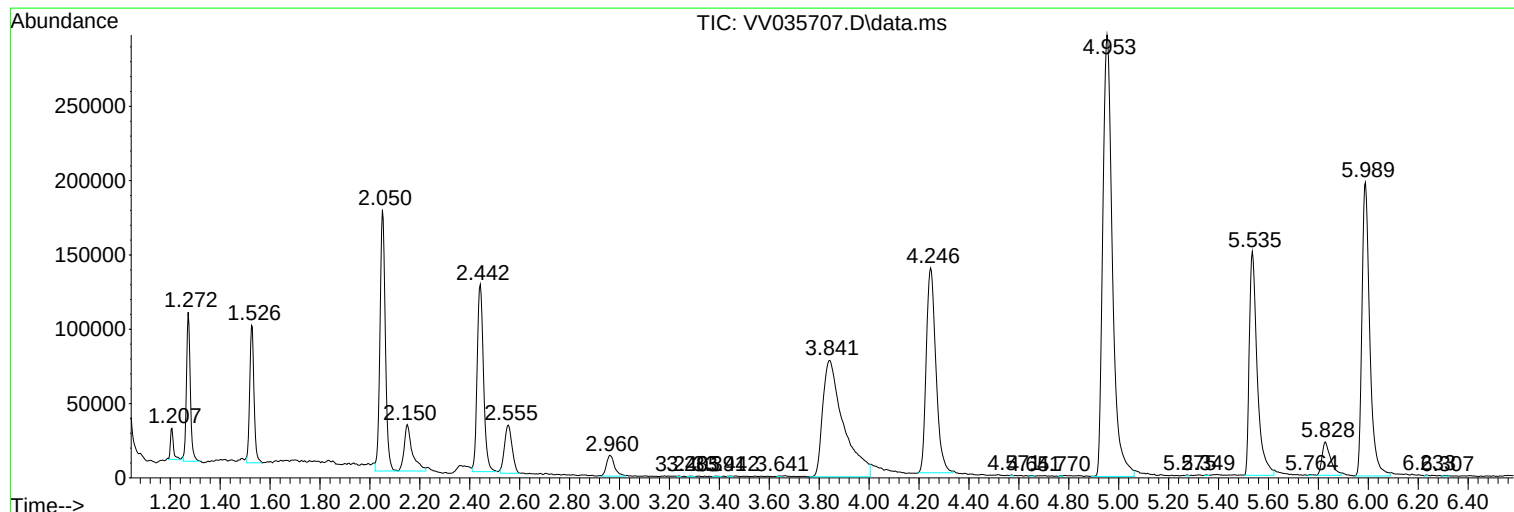
Sum of corrected areas: 5775592

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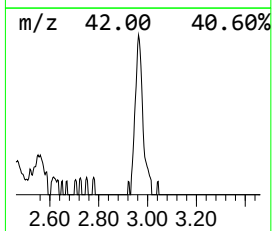
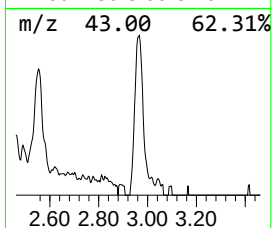
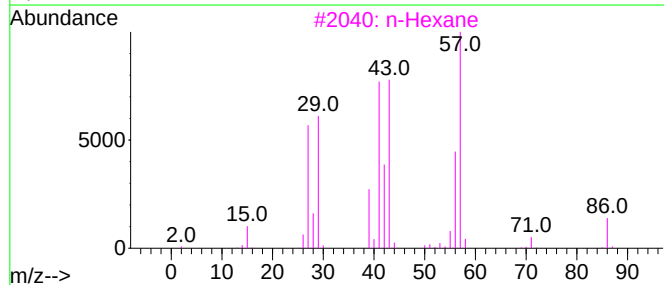
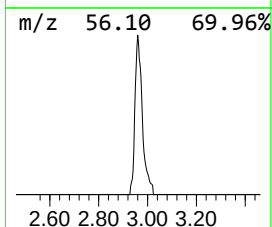
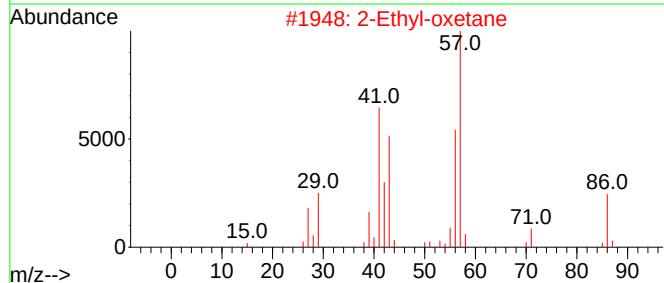
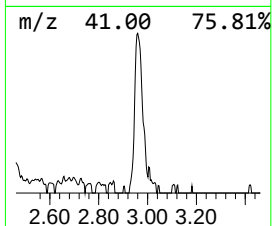
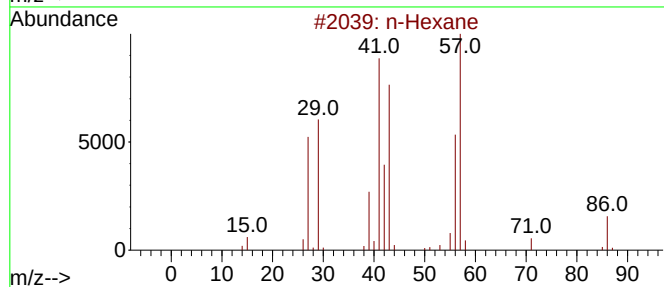
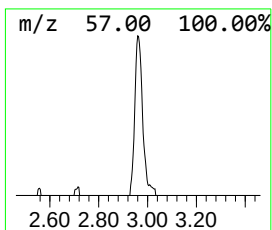
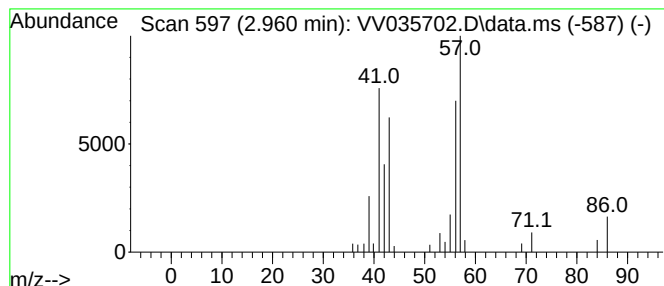
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	2.38 ug/L	31452	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	86
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
3			n-Hexane	86	C6H14	000110-54-3	59
4			n-Hexane	86	C6H14	000110-54-3	59
5			1-Hexene	84	C6H12	000592-41-6	40



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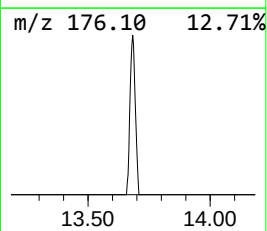
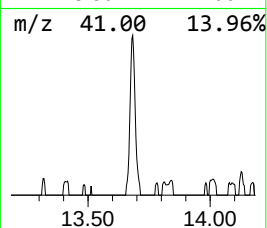
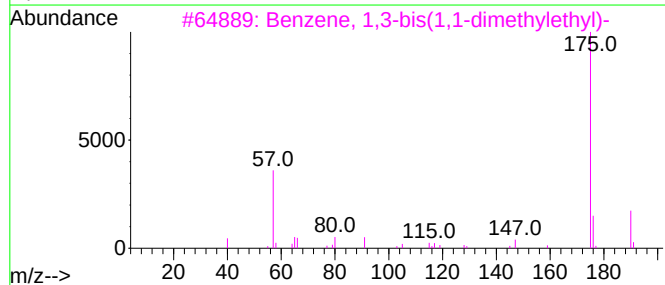
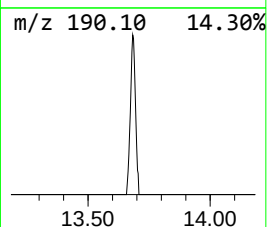
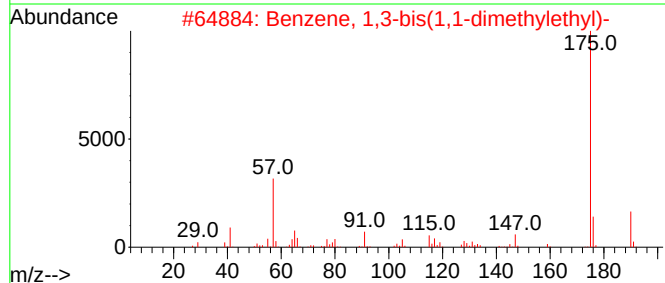
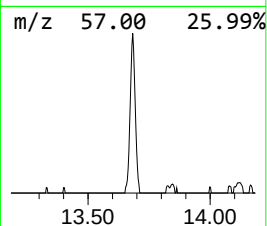
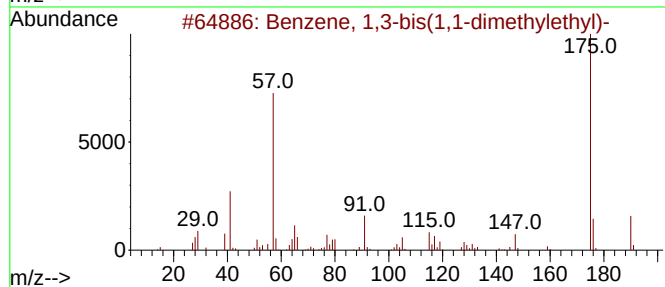
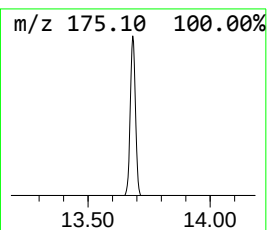
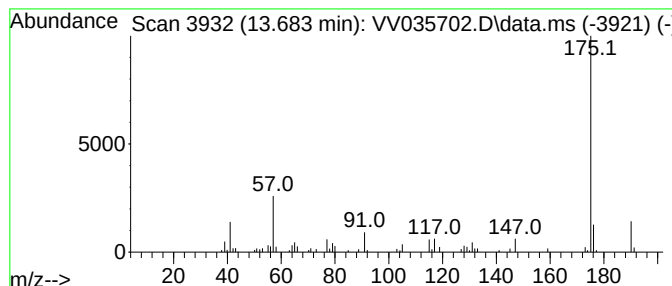
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	3.83 ug/L	51556	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	91
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	86



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Quant Title : VOC Analysis

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...	2.960	2.4	ug/L	31452	1	5.535	330585	25.0
Benzene, 1,3-bi...	13.683	3.8	ug/L	51556	3	11.185	336746	25.0