

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035651.D
 Acq On : 21 May 2024 20:15
 Operator : SY/MD
 Sample : P2547-21
 Misc : 5.74g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X6

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: VV035651.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	66	72	89	rVB	151915	169059	14.43%	1.953%
2	1.529	145	152	169	rVB	140134	170528	14.55%	1.970%
3	2.053	305	315	336	rVB	277558	417837	35.66%	4.826%
4	2.442	425	436	459	rBV	202043	340860	29.09%	3.937%
5	2.555	465	471	485	rVB	12681	22690	1.94%	0.262%
6	2.693	509	514	515	rBV2	2191	1733	0.15%	0.020%
7	2.963	587	598	622	rVB3	18681	41146	3.51%	0.475%
8	3.050	622	625	628	rBV2	717	471	0.04%	0.005%
9	3.076	629	633	636	rBV5	779	560	0.05%	0.006%
10	3.346	714	717	723	rVB3	354	385	0.03%	0.004%
11	3.529	770	774	776	rBV2	363	289	0.02%	0.003%
12	3.574	785	788	790	rBV3	330	288	0.02%	0.003%
13	3.706	827	829	835	rVB3	621	500	0.04%	0.006%
14	3.751	835	843	845	rBV3	303	292	0.02%	0.003%
15	3.844	851	872	910	rBV4	49210	257054	21.94%	2.969%
16	4.246	982	997	1031	rBV	209223	554629	47.33%	6.406%
17	4.629	1113	1116	1119	rVB2	558	374	0.03%	0.004%
18	4.645	1119	1121	1130	rVB3	447	518	0.04%	0.006%
19	4.686	1130	1134	1135	rBV2	559	328	0.03%	0.004%
20	4.728	1140	1147	1150	rBV6	1482	2091	0.18%	0.024%
21	4.953	1202	1217	1255	rBV2	441774	1171758	100.00%	13.534%
22	5.445	1368	1370	1372	rBV2	716	440	0.04%	0.005%
23	5.532	1387	1397	1431	rBV	335237	717836	61.26%	8.291%
24	5.828	1478	1489	1510	rBV2	21016	52060	4.44%	0.601%
25	5.989	1526	1539	1571	rBV	274241	590259	50.37%	6.817%
26	6.384	1657	1662	1664	rBV4	604	534	0.05%	0.006%
27	6.474	1688	1690	1696	rVB4	439	392	0.03%	0.005%
28	6.555	1711	1715	1718	rBV3	508	546	0.05%	0.006%
29	6.638	1738	1741	1743	rBV3	687	405	0.03%	0.005%
30	6.915	1817	1827	1854	rBV2	103232	211760	18.07%	2.446%
31	7.114	1882	1889	1892	rBV6	527	645	0.06%	0.007%
32	7.182	1906	1910	1911	rBV3	1102	705	0.06%	0.008%
33	7.243	1919	1929	1954	rBV	429160	782639	66.79%	9.039%
34	7.558	2018	2027	2054	rBV	65459	130002	11.09%	1.501%
35	7.792	2094	2100	2108	rBV7	1105	1864	0.16%	0.022%
36	7.876	2113	2126	2135	rBV	13147	25520	2.18%	0.295%

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 Title : VOC Analysis

37	7.969	2150	2155	2158	rBV3	471	397	0.03%	0.005%
38	8.037	2167	2176	2214	rBV	75430	193822	16.54%	2.239%
39	8.284	2248	2253	2255	rBV5	787	676	0.06%	0.008%
40	8.313	2256	2262	2267	rVV5	1884	2087	0.18%	0.024%
41	8.362	2267	2277	2299	rVB2	23659	43879	3.74%	0.507%
42	8.442	2299	2302	2304	rBV2	620	376	0.03%	0.004%
43	8.474	2309	2312	2314	rBV2	693	486	0.04%	0.006%
44	8.561	2337	2339	2343	rBV3	560	493	0.04%	0.006%
45	8.635	2360	2362	2366	rVB2	559	354	0.03%	0.004%
46	8.680	2374	2376	2381	rVB3	455	369	0.03%	0.004%
47	8.783	2397	2408	2435	rBV	511554	878144	74.94%	10.142%
48	8.956	2460	2462	2465	rBV4	999	853	0.07%	0.010%
49	9.088	2496	2503	2516	rVV9	2576	4832	0.41%	0.056%
50	9.246	2548	2552	2553	rBV2	612	455	0.04%	0.005%
51	9.423	2603	2607	2609	rBV2	528	372	0.03%	0.004%
52	9.439	2609	2612	2618	rBV3	298	348	0.03%	0.004%
53	9.484	2621	2626	2635	rBV7	2519	4143	0.35%	0.048%
54	9.599	2659	2662	2666	rBV3	524	487	0.04%	0.006%
55	9.841	2734	2737	2740	rBV2	496	387	0.03%	0.004%
56	9.879	2743	2749	2754	rVB3	1351	1614	0.14%	0.019%
57	9.960	2770	2774	2775	rBV	526	328	0.03%	0.004%
58	10.062	2800	2806	2812	rVB6	1708	2300	0.20%	0.027%
59	10.152	2823	2834	2863	rBV	226218	370456	31.62%	4.279%
60	10.323	2876	2887	2900	rVB	30625	51297	4.38%	0.592%
61	10.381	2900	2905	2908	rBV3	324	271	0.02%	0.003%
62	10.410	2909	2914	2920	rBV3	392	482	0.04%	0.006%
63	10.487	2926	2938	2940	rBV5	1952	2767	0.24%	0.032%
64	10.516	2944	2947	2950	rBV5	762	404	0.03%	0.005%
65	10.635	2980	2984	2989	rBV2	355	311	0.03%	0.004%
66	10.709	3005	3007	3011	rBV2	432	272	0.02%	0.003%
67	10.747	3014	3019	3027	rBV7	1955	2454	0.21%	0.028%
68	10.857	3045	3053	3067	rBV5	5409	9077	0.77%	0.105%
69	10.966	3080	3087	3089	rBV3	1256	1212	0.10%	0.014%
70	11.027	3101	3106	3112	rBV4	646	819	0.07%	0.009%
71	11.082	3114	3123	3132	rBV4	6942	10320	0.88%	0.119%
72	11.133	3132	3139	3144	rBV5	2303	2689	0.23%	0.031%
73	11.185	3144	3155	3174	rBV	408782	662435	56.53%	7.651%
74	11.326	3192	3199	3204	rBV3	5351	7304	0.62%	0.084%
75	11.461	3239	3241	3242	rBV	701	312	0.03%	0.004%
76	11.561	3260	3272	3289	rBV	359147	590139	50.36%	6.816%

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 Title : VOC Analysis

77	11.783	3335	3341	3350	rVB5	2605	3786	0.32%	0.044%
78	11.844	3357	3360	3362	rVB3	861	434	0.04%	0.005%
79	11.921	3375	3384	3389	rBV7	1885	3029	0.26%	0.035%
80	11.985	3400	3404	3405	rBV	481	367	0.03%	0.004%
81	12.001	3405	3409	3410	rBV2	563	410	0.03%	0.005%
82	12.059	3424	3427	3432	rVB5	658	467	0.04%	0.005%
83	12.194	3459	3469	3480	rVB	20135	32049	2.74%	0.370%
84	12.310	3500	3505	3512	rBV4	866	1221	0.10%	0.014%
85	12.500	3561	3564	3568	rBV4	420	320	0.03%	0.004%
86	12.586	3583	3591	3594	rBV7	1469	1985	0.17%	0.023%
87	12.828	3659	3666	3674	rVB5	5098	7210	0.62%	0.083%
88	13.143	3762	3764	3768	rBV4	422	292	0.02%	0.003%
89	13.213	3781	3786	3791	rBV6	821	921	0.08%	0.011%
90	13.448	3852	3859	3861	rBV5	3374	3345	0.29%	0.039%
91	13.561	3888	3894	3895	rBV3	691	557	0.05%	0.006%
92	13.615	3906	3911	3913	rBV3	733	664	0.06%	0.008%
93	13.683	3922	3932	3944	rBV	46275	68354	5.83%	0.789%
94	13.776	3959	3961	3964	rVB4	661	320	0.03%	0.004%
95	13.792	3964	3966	3969	rBV	420	296	0.03%	0.003%
96	13.985	4019	4026	4040	rVB7	2037	4777	0.41%	0.055%
97	14.078	4051	4055	4056	rBV4	1514	1051	0.09%	0.012%
98	14.168	4078	4083	4089	rVB5	1924	2567	0.22%	0.030%
99	14.448	4167	4170	4171	rBV2	622	330	0.03%	0.004%
100	14.783	4269	4274	4281	rVB8	3030	4205	0.36%	0.049%

Sum of corrected areas: 8658177

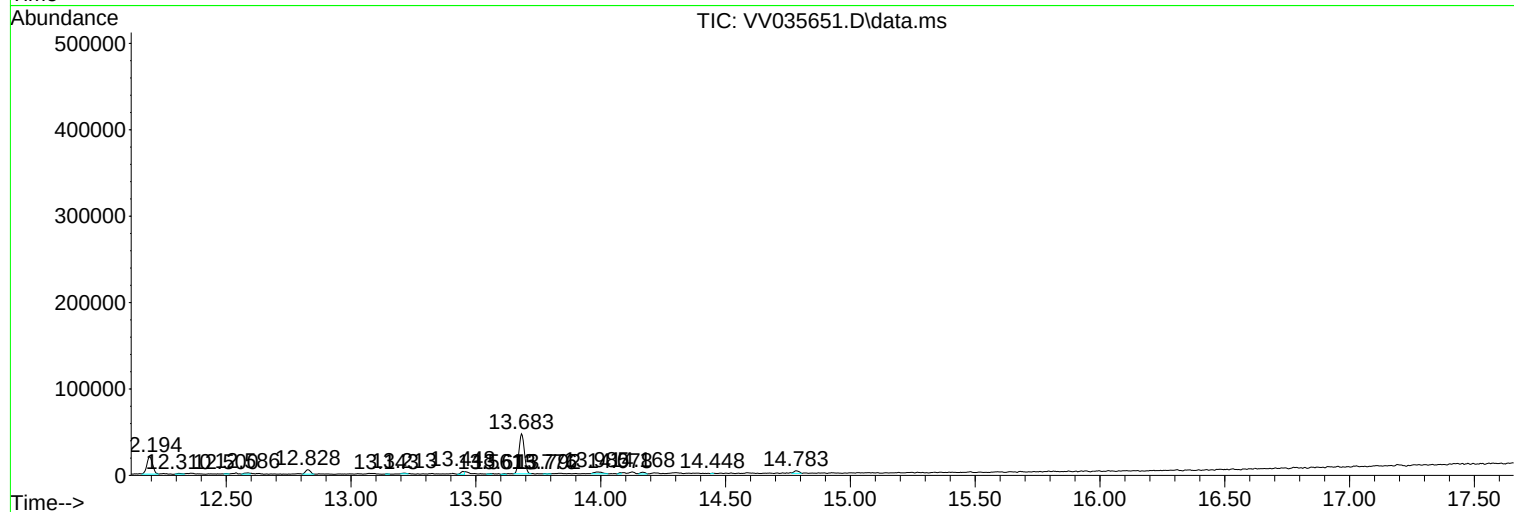
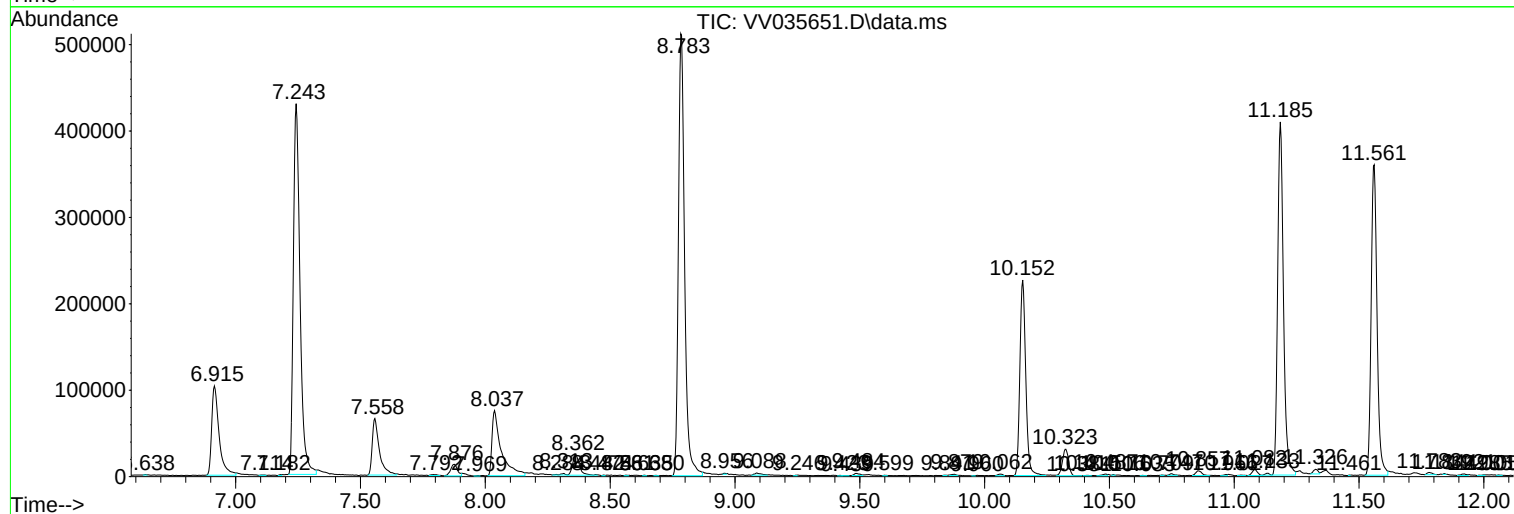
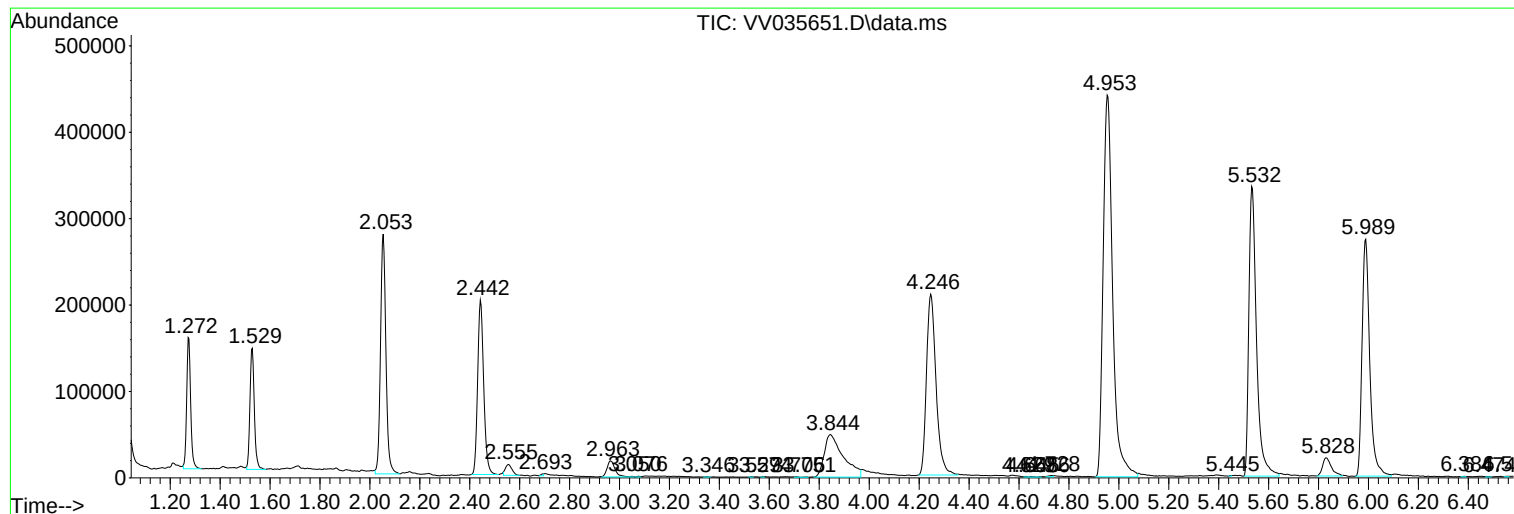
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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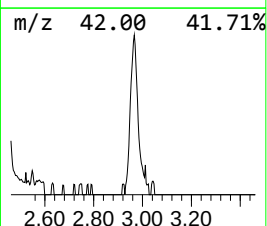
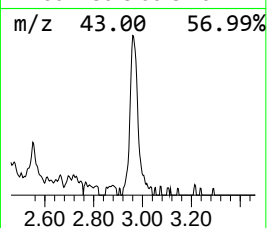
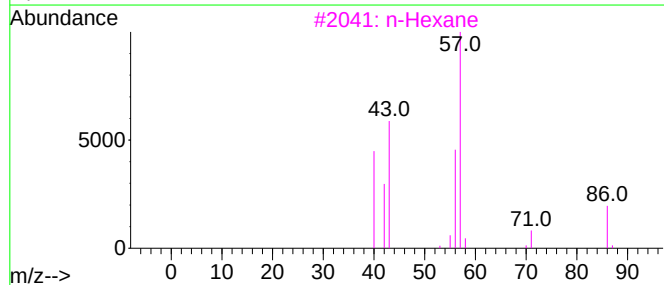
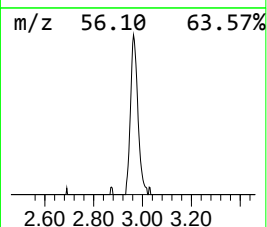
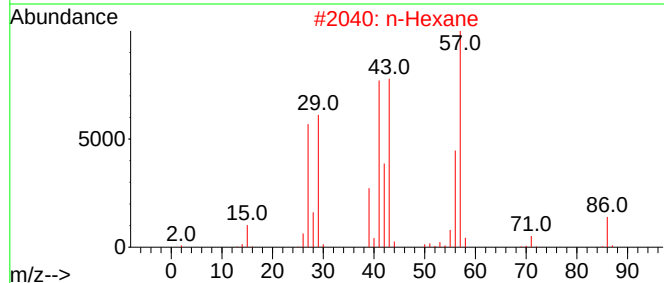
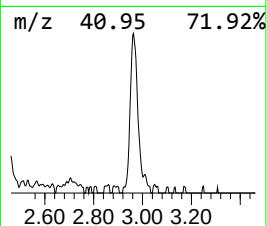
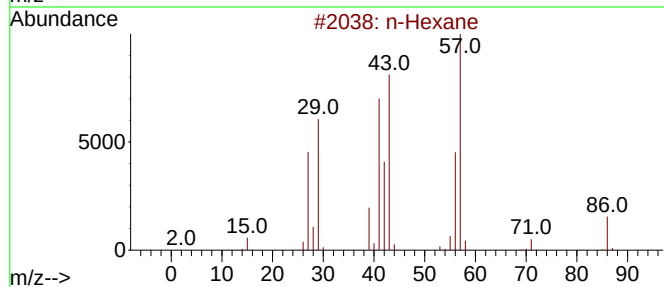
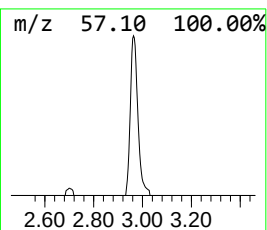
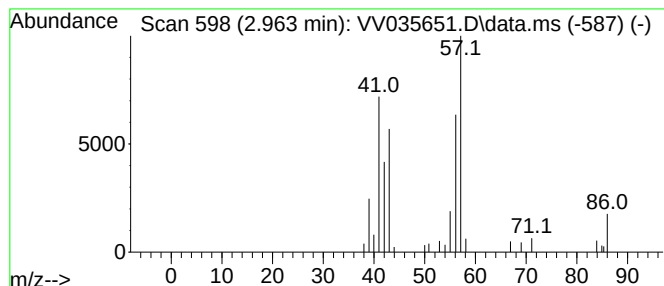
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.43 ug/L	41146	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	72
2	n-Hexane			86	C6H14	000110-54-3	53
3	n-Hexane			86	C6H14	000110-54-3	52
4	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	45
5	n-Hexane			86	C6H14	000110-54-3	42



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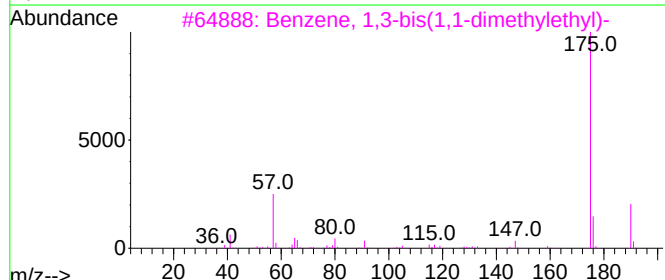
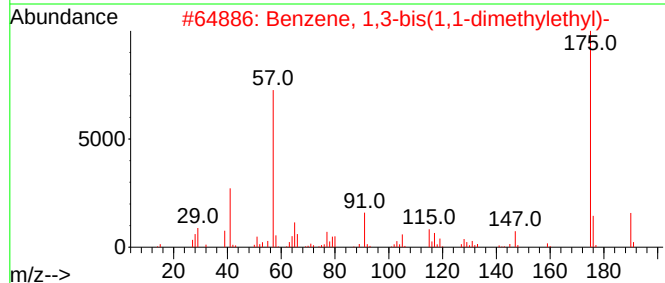
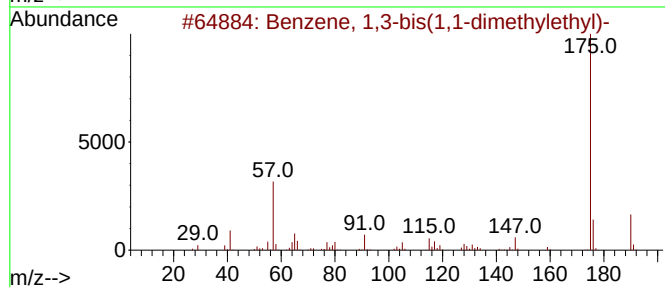
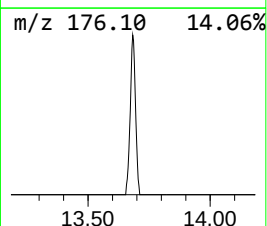
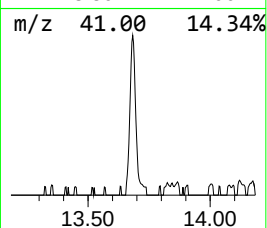
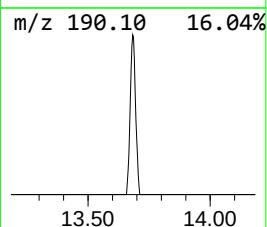
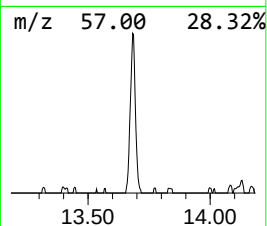
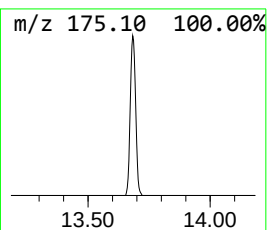
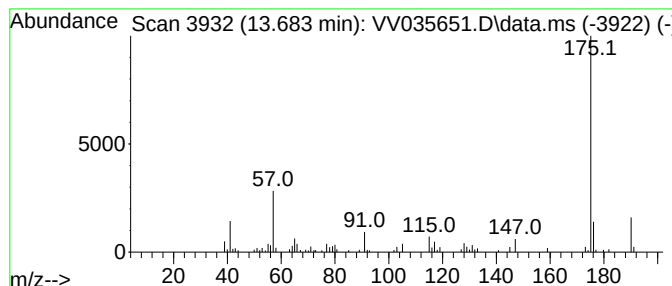
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	2.58 ug/L	68354	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	90
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80



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Quant Title : VOC Analysis

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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	1.4	ug/L	41146	1	5.532	717836	25.0
Benzene, 1,3-bi...	13.683	2.6	ug/L	68354	3	11.185	662435	25.0