

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035654.D
 Acq On : 21 May 2024 21:24
 Operator : SY/MD
 Sample : P2547-18
 Misc : 4.66g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X5

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: VV035654.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	67	73	90	rVB	141601	153509	14.68%	2.149%
2	1.529	145	152	167	rVB	132537	157283	15.04%	2.202%
3	2.053	306	315	329	rBV	238748	344391	32.93%	4.822%
4	2.442	425	436	458	rBV	177591	302563	28.93%	4.236%
5	2.558	463	472	484	rVB2	12368	24867	2.38%	0.348%
6	2.699	512	516	521	rBV5	1684	1899	0.18%	0.027%
7	2.870	563	569	570	rBV3	660	660	0.06%	0.009%
8	2.963	586	598	614	rVV3	18302	38072	3.64%	0.533%
9	3.098	635	640	641	rBV3	756	624	0.06%	0.009%
10	3.127	647	649	654	rVB4	523	427	0.04%	0.006%
11	3.150	654	656	659	rBV2	756	403	0.04%	0.006%
12	3.224	677	679	682	rBV	522	329	0.03%	0.005%
13	3.616	798	801	805	rVB2	591	376	0.04%	0.005%
14	3.642	805	809	812	rBV2	574	427	0.04%	0.006%
15	3.754	840	844	849	rVB3	410	368	0.04%	0.005%
16	3.844	849	872	911	rBV3	43587	244448	23.37%	3.423%
17	4.246	982	997	1029	rBV	189550	500066	47.81%	7.002%
18	4.500	1073	1076	1078	rBV3	686	494	0.05%	0.007%
19	4.651	1118	1123	1126	rBV3	491	425	0.04%	0.006%
20	4.953	1195	1217	1258	rBV2	389340	1045882	100.00%	14.644%
21	5.535	1387	1398	1434	rBV	261644	567039	54.22%	7.939%
22	5.831	1479	1490	1516	rVB4	20741	50328	4.81%	0.705%
23	5.989	1525	1539	1574	rBV	249606	539294	51.56%	7.551%
24	6.445	1674	1681	1684	rBV3	894	1120	0.11%	0.016%
25	6.571	1716	1720	1722	rBV3	659	489	0.05%	0.007%
26	6.641	1739	1742	1745	rBV3	644	481	0.05%	0.007%
27	6.918	1818	1828	1855	rBV	83835	175946	16.82%	2.464%
28	7.243	1919	1929	1955	rBV	346776	636416	60.85%	8.911%
29	7.558	2017	2027	2052	rBV	52675	110582	10.57%	1.548%
30	7.789	2094	2099	2105	rBV6	868	1325	0.13%	0.019%
31	7.876	2114	2126	2136	rBV	9801	19206	1.84%	0.269%
32	7.963	2149	2153	2157	rVB3	679	448	0.04%	0.006%
33	8.037	2168	2176	2216	rBV2	70731	195270	18.67%	2.734%
34	8.362	2268	2277	2291	rVV3	16635	30171	2.88%	0.422%
35	8.426	2294	2297	2301	rVB4	607	526	0.05%	0.007%
36	8.690	2376	2379	2385	rBV3	466	383	0.04%	0.005%

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37	8.786	2395	2409	2442	rBV	373626	647860	61.94%	9.071%
38	8.960	2457	2463	2467	rBV5	1216	1499	0.14%	0.021%
39	9.027	2480	2484	2489	rVB4	824	769	0.07%	0.011%
40	9.056	2489	2493	2495	rVB3	532	400	0.04%	0.006%
41	9.082	2495	2501	2503	rBV4	1740	1698	0.16%	0.024%
42	9.136	2516	2518	2523	rVB2	539	455	0.04%	0.006%
43	9.169	2523	2528	2535	rBV4	383	542	0.05%	0.008%
44	9.333	2576	2579	2584	rBV3	394	403	0.04%	0.006%
45	9.487	2617	2627	2636	rBV5	1768	3214	0.31%	0.045%
46	9.677	2682	2686	2691	rVV3	571	400	0.04%	0.006%
47	9.715	2692	2698	2700	rVV	294	346	0.03%	0.005%
48	9.776	2713	2717	2721	rVB3	405	335	0.03%	0.005%
49	9.796	2721	2723	2727	rBV	459	360	0.03%	0.005%
50	9.870	2741	2746	2750	rBV3	1423	1396	0.13%	0.020%
51	9.931	2763	2765	2771	rVB	399	375	0.04%	0.005%
52	10.066	2799	2807	2818	rBV6	2350	4068	0.39%	0.057%
53	10.153	2821	2834	2856	rBV	227809	369349	35.31%	5.171%
54	10.262	2866	2868	2871	rVB2	649	337	0.03%	0.005%
55	10.326	2878	2888	2899	rVB	20605	33558	3.21%	0.470%
56	10.400	2907	2911	2914	rBV3	593	467	0.04%	0.007%
57	10.484	2930	2937	2938	rBV4	1283	1348	0.13%	0.019%
58	10.596	2968	2972	2976	rVB3	515	421	0.04%	0.006%
59	10.718	3007	3010	3013	rBV2	607	425	0.04%	0.006%
60	10.802	3032	3036	3039	rBV3	375	342	0.03%	0.005%
61	10.853	3042	3052	3062	rBV8	4853	8295	0.79%	0.116%
62	10.972	3082	3089	3099	rVB5	1778	2579	0.25%	0.036%
63	11.027	3099	3106	3108	rBV5	895	831	0.08%	0.012%
64	11.082	3114	3123	3132	rBV4	7428	11143	1.07%	0.156%
65	11.127	3134	3137	3138	rBV2	769	462	0.04%	0.006%
66	11.185	3145	3155	3172	rBV	242764	391392	37.42%	5.480%
67	11.326	3191	3199	3206	rBV5	4907	7367	0.70%	0.103%
68	11.416	3225	3227	3232	rVB3	431	368	0.04%	0.005%
69	11.561	3258	3272	3291	rBV	239074	395702	37.83%	5.540%
70	11.722	3317	3322	3331	rVB7	1337	2013	0.19%	0.028%
71	11.783	3334	3341	3346	rBV7	2193	2750	0.26%	0.039%
72	11.844	3357	3360	3363	rVB2	714	439	0.04%	0.006%
73	11.918	3378	3383	3388	rBV4	1285	1796	0.17%	0.025%
74	12.194	3453	3469	3478	rBV2	15013	24735	2.36%	0.346%
75	12.300	3497	3502	3503	rBV2	618	504	0.05%	0.007%
76	12.403	3532	3534	3538	rVB2	598	328	0.03%	0.005%

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Title : VOC Analysis

77	12.451	3544	3549	3552	rVB4	378	373	0.04%	0.005%
78	12.496	3560	3563	3567	rVB3	396	329	0.03%	0.005%
79	12.583	3582	3590	3595	rBV6	1390	2115	0.20%	0.030%
80	12.673	3615	3618	3622	rBV3	441	405	0.04%	0.006%
81	12.770	3646	3648	3653	rVB3	617	468	0.04%	0.007%
82	12.831	3658	3667	3674	rVV4	4287	5879	0.56%	0.082%
83	13.075	3738	3743	3751	rVV6	988	1382	0.13%	0.019%
84	13.114	3751	3755	3759	rVB2	476	439	0.04%	0.006%
85	13.207	3779	3784	3788	rBV4	1073	954	0.09%	0.013%
86	13.329	3819	3822	3824	rVV2	601	344	0.03%	0.005%
87	13.410	3843	3847	3851	rVV3	441	414	0.04%	0.006%
88	13.448	3852	3859	3872	rVB3	5740	10637	1.02%	0.149%
89	13.532	3880	3885	3887	rBV3	794	750	0.07%	0.011%
90	13.545	3887	3889	3891	rVB	747	341	0.03%	0.005%
91	13.683	3923	3932	3942	rBV	27401	40234	3.85%	0.563%
92	13.770	3958	3959	3965	rVB4	587	494	0.05%	0.007%
93	13.812	3965	3972	3976	rBV4	779	1080	0.10%	0.015%
94	13.844	3978	3982	3987	rVB4	1113	1035	0.10%	0.014%
95	13.979	4018	4024	4027	rBV2	1524	1800	0.17%	0.025%
96	14.088	4050	4058	4062	rBV6	1513	2150	0.21%	0.030%
97	14.162	4078	4081	4083	rBV3	755	507	0.05%	0.007%
98	14.275	4114	4116	4118	rBV	590	362	0.03%	0.005%
99	14.586	4207	4213	4215	rBV5	1265	1520	0.15%	0.021%
100	14.869	4298	4301	4304	rVB4	750	445	0.04%	0.006%

Sum of corrected areas: 7142065

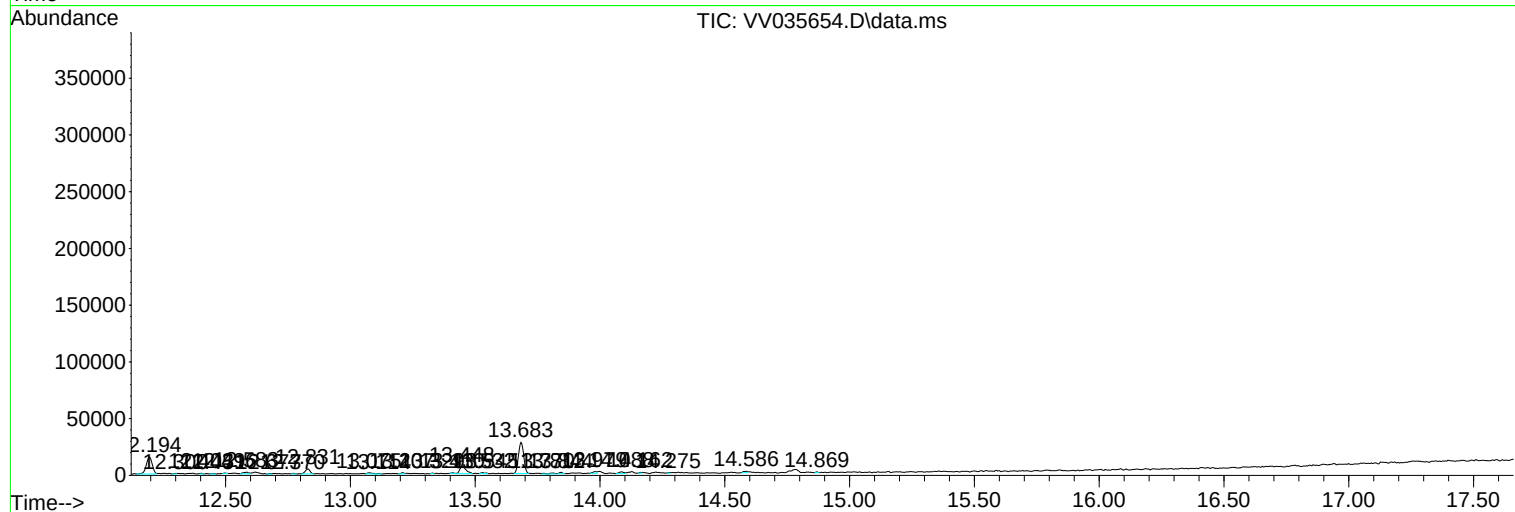
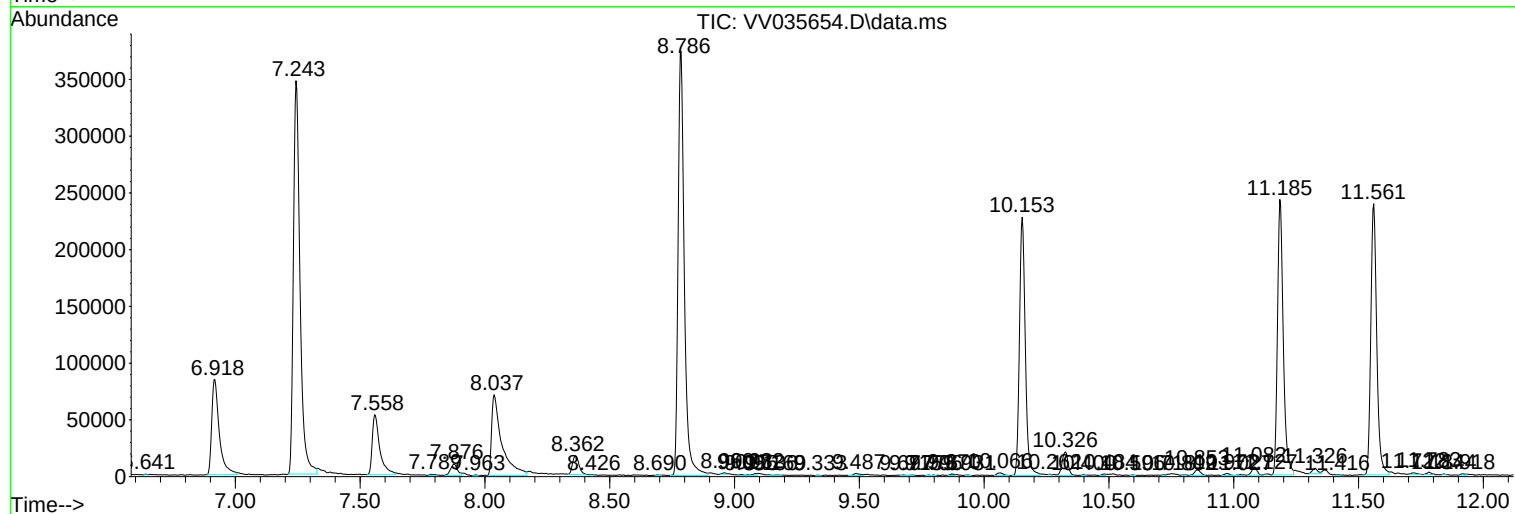
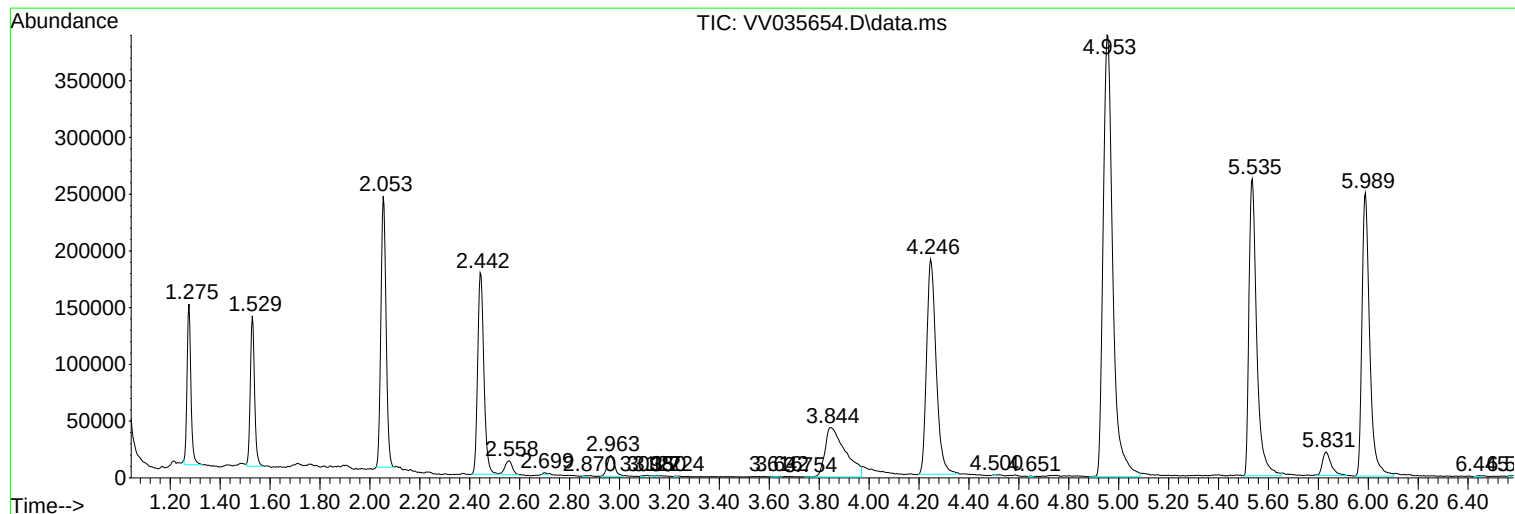
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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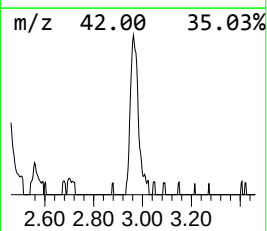
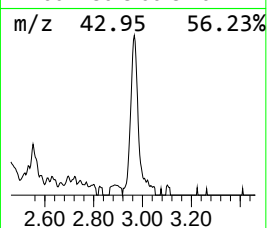
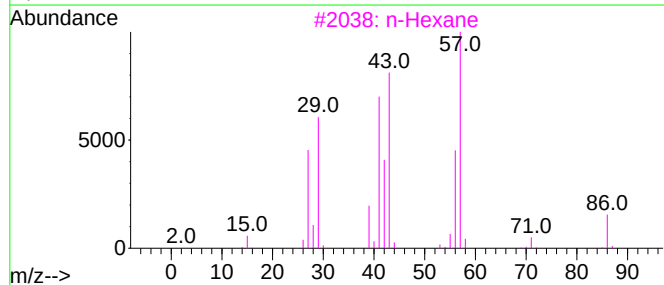
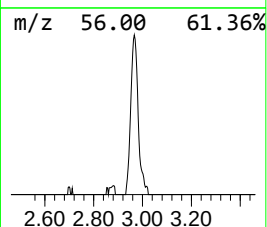
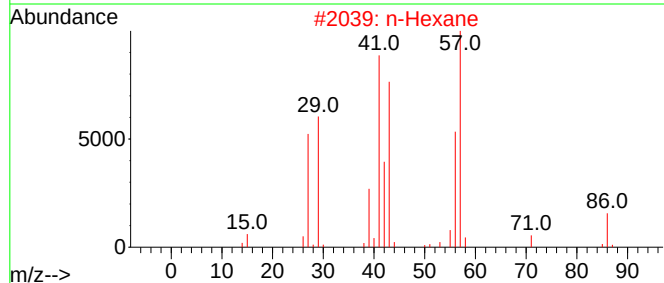
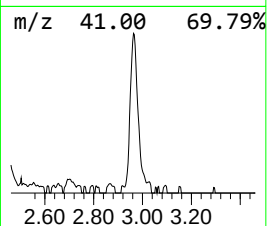
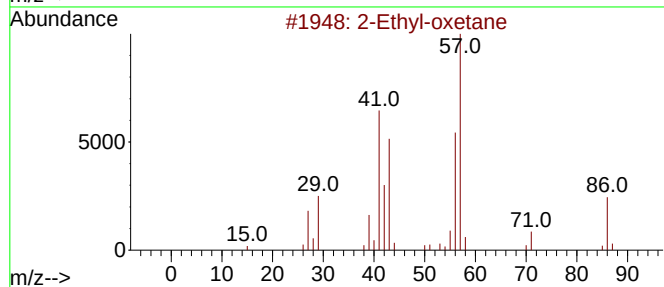
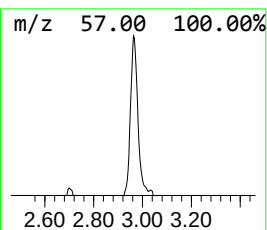
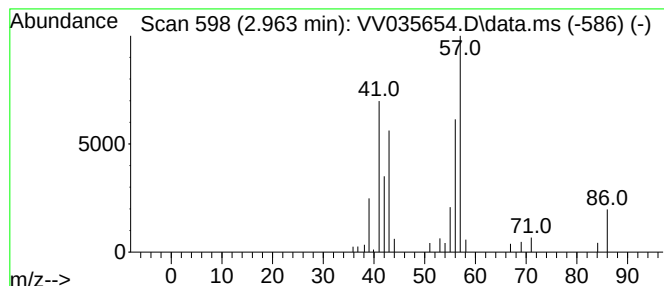
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.68 ug/L	38072	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	80
2	n-Hexane			86	C6H14	000110-54-3	64
3	n-Hexane			86	C6H14	000110-54-3	56
4	n-Hexane			86	C6H14	000110-54-3	50
5	Azetidine			57	C3H7N	000503-29-7	40



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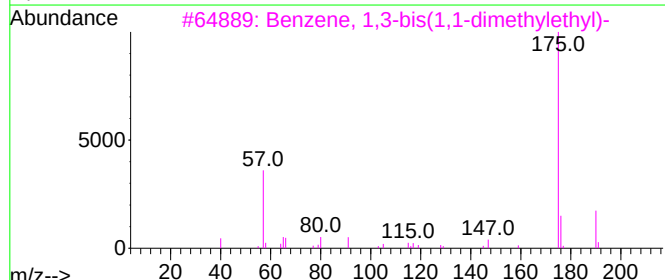
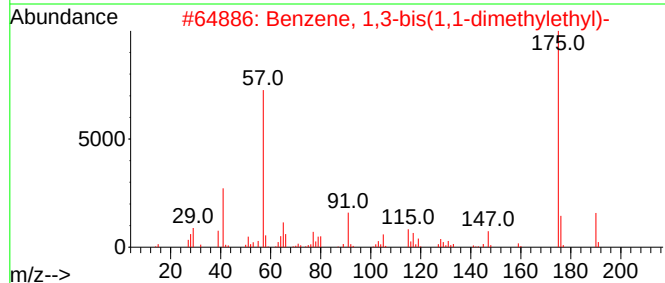
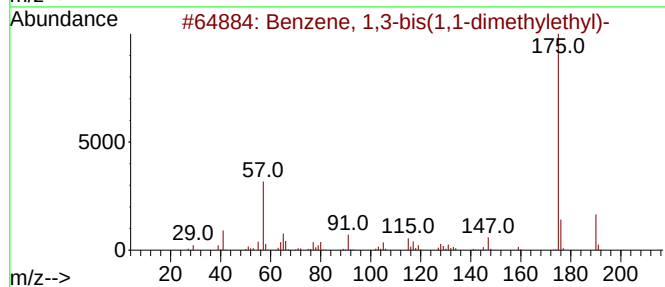
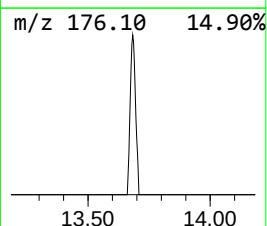
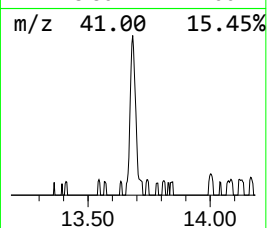
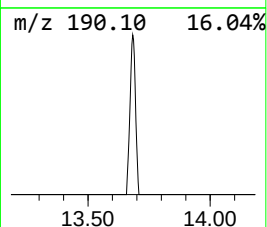
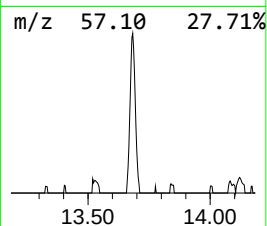
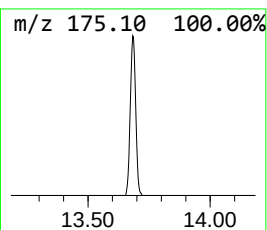
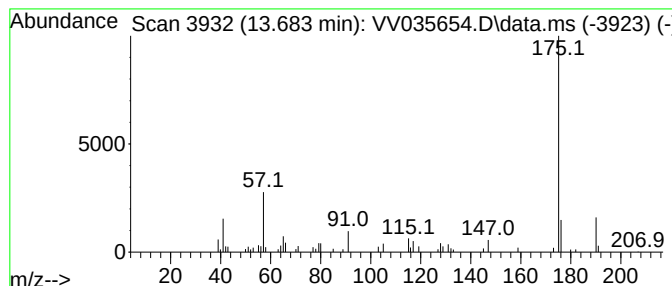
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	2.57 ug/L	40234	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	96
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83



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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
2-Ethyl-oxetane	2.963	1.7	ug/L	38072	1	5.535	567039	25.0
Benzene, 1,3-bi...	13.683	2.6	ug/L	40234	3	11.185	391392	25.0