

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035652.D
 Acq On : 21 May 2024 20:38
 Operator : SY/MD
 Sample : P2547-22
 Misc : 7.47g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X7

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: VV035652.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	66	73	87	rVB	152256	164467	14.25%	2.057%
2	1.529	145	152	166	rVB	140518	165572	14.34%	2.070%
3	2.053	305	315	330	rBV	268680	389348	33.73%	4.869%
4	2.442	425	436	456	rBV	208823	352001	30.49%	4.402%
5	2.555	462	471	483	rVB2	13018	25547	2.21%	0.319%
6	2.703	509	517	528	rVB9	2604	4854	0.42%	0.061%
7	2.963	584	598	619	rBV2	23053	48771	4.23%	0.610%
8	3.037	619	621	626	rVB4	478	372	0.03%	0.005%
9	3.108	637	643	645	rBV3	867	754	0.07%	0.009%
10	3.175	659	664	666	rBV3	439	392	0.03%	0.005%
11	3.429	740	743	749	rVV2	416	399	0.03%	0.005%
12	3.847	843	873	909	rBV2	50583	260409	22.56%	3.256%
13	4.246	980	997	1032	rBV	204535	542175	46.97%	6.780%
14	4.558	1091	1094	1095	rBV3	444	291	0.03%	0.004%
15	4.722	1136	1145	1150	rBV5	882	1331	0.12%	0.017%
16	4.822	1174	1176	1179	rVV3	389	250	0.02%	0.003%
17	4.953	1203	1217	1258	rBV2	437266	1154327	100.00%	14.435%
18	5.227	1298	1302	1303	rBV2	508	335	0.03%	0.004%
19	5.297	1319	1324	1326	rBV4	448	414	0.04%	0.005%
20	5.455	1368	1373	1374	rBV3	501	404	0.03%	0.005%
21	5.497	1382	1386	1387	rBV3	552	365	0.03%	0.005%
22	5.535	1387	1398	1430	rVV	274306	595406	51.58%	7.445%
23	5.754	1463	1466	1468	rBV2	425	254	0.02%	0.003%
24	5.828	1479	1489	1512	rBV2	23603	54819	4.75%	0.686%
25	5.989	1526	1539	1569	rBV	271731	580566	50.29%	7.260%
26	6.346	1647	1650	1653	rVB2	472	310	0.03%	0.004%
27	6.432	1673	1677	1678	rBV2	411	258	0.02%	0.003%
28	6.574	1717	1721	1723	rBV2	453	358	0.03%	0.004%
29	6.828	1795	1800	1801	rBV4	357	273	0.02%	0.003%
30	6.873	1810	1814	1816	rVB2	445	290	0.03%	0.004%
31	6.915	1816	1827	1851	rBV	100536	204614	17.73%	2.559%
32	7.121	1888	1891	1894	rVB4	620	353	0.03%	0.004%
33	7.156	1898	1902	1905	rBV4	520	580	0.05%	0.007%
34	7.178	1905	1909	1911	rBV3	564	480	0.04%	0.006%
35	7.201	1914	1916	1917	rBV2	675	285	0.02%	0.004%
36	7.243	1918	1929	1953	rBV	408383	745605	64.59%	9.324%

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

37	7.558	2017	2027	2050	rBV	64681	128981	11.17%	1.613%
38	7.786	2093	2098	2101	rBV4	1084	938	0.08%	0.012%
39	7.873	2114	2125	2135	rBV2	10389	20227	1.75%	0.253%
40	8.037	2167	2176	2210	rBV2	85943	220889	19.14%	2.762%
41	8.365	2268	2278	2294	rVB	16800	30926	2.68%	0.387%
42	8.535	2326	2331	2334	rBV5	523	500	0.04%	0.006%
43	8.593	2346	2349	2353	rVB3	631	454	0.04%	0.006%
44	8.783	2397	2408	2438	rBV	412222	715716	62.00%	8.950%
45	9.053	2491	2492	2496	rBV	346	248	0.02%	0.003%
46	9.082	2496	2501	2502	rBV3	1506	1016	0.09%	0.013%
47	9.281	2560	2563	2565	rVV3	528	331	0.03%	0.004%
48	9.333	2577	2579	2585	rBV2	285	261	0.02%	0.003%
49	9.487	2621	2627	2634	rBV5	1859	2887	0.25%	0.036%
50	9.545	2642	2645	2647	rBV3	598	280	0.02%	0.004%
51	9.580	2654	2656	2662	rVB4	511	384	0.03%	0.005%
52	9.677	2682	2686	2688	rBV2	527	397	0.03%	0.005%
53	9.796	2719	2723	2725	rBV2	587	458	0.04%	0.006%
54	9.847	2734	2739	2741	rBV2	401	245	0.02%	0.003%
55	9.876	2741	2748	2749	rBV3	1264	1408	0.12%	0.018%
56	9.992	2781	2784	2788	rBV2	512	465	0.04%	0.006%
57	10.053	2801	2803	2804	rBV	553	247	0.02%	0.003%
58	10.066	2804	2807	2812	rVB2	730	688	0.06%	0.009%
59	10.153	2822	2834	2860	rBV	251174	404116	35.01%	5.053%
60	10.323	2877	2887	2902	rVB2	24612	40589	3.52%	0.508%
61	10.474	2930	2934	2936	rBV3	1461	1191	0.10%	0.015%
62	10.641	2980	2986	2988	rBV	293	261	0.02%	0.003%
63	10.725	3003	3012	3015	rBV6	1801	2613	0.23%	0.033%
64	10.773	3025	3027	3031	rVB2	458	254	0.02%	0.003%
65	10.815	3038	3040	3045	rVB2	365	243	0.02%	0.003%
66	10.857	3045	3053	3065	rBV7	2785	4768	0.41%	0.060%
67	11.082	3116	3123	3132	rVB7	2821	4333	0.38%	0.054%
68	11.133	3132	3139	3144	rBV5	1859	2127	0.18%	0.027%
69	11.185	3144	3155	3183	rBV	299298	490586	42.50%	6.135%
70	11.464	3238	3242	3247	rBV2	445	445	0.04%	0.006%
71	11.561	3261	3272	3292	rBV	310741	504093	43.67%	6.304%
72	11.783	3334	3341	3345	rBV6	2558	2872	0.25%	0.036%
73	11.837	3354	3358	3359	rBV4	1021	730	0.06%	0.009%
74	11.956	3392	3395	3400	rVB4	763	749	0.06%	0.009%
75	11.992	3403	3406	3408	rBV3	477	328	0.03%	0.004%
76	12.120	3443	3446	3450	rVB2	677	344	0.03%	0.004%

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 Title : VOC Analysis

77	12.194	3458	3469	3480	rVV2	15363	26147	2.27%	0.327%
78	12.288	3494	3498	3500	rBV	454	280	0.02%	0.004%
79	12.310	3501	3505	3506	rVV2	683	516	0.04%	0.006%
80	12.342	3510	3515	3517	rBV2	686	632	0.05%	0.008%
81	12.500	3559	3564	3568	rVB4	756	812	0.07%	0.010%
82	12.532	3568	3574	3580	rBV4	780	1083	0.09%	0.014%
83	12.587	3586	3591	3593	rBV4	914	781	0.07%	0.010%
84	12.828	3658	3666	3675	rVB7	4377	6382	0.55%	0.080%
85	13.072	3737	3742	3751	rBV5	941	1434	0.12%	0.018%
86	13.210	3781	3785	3791	rBV4	858	954	0.08%	0.012%
87	13.326	3818	3821	3824	rBV3	506	275	0.02%	0.003%
88	13.416	3842	3849	3853	rBV4	1099	1374	0.12%	0.017%
89	13.448	3855	3859	3871	rVB5	2585	4840	0.42%	0.061%
90	13.612	3908	3910	3913	rBV2	443	307	0.03%	0.004%
91	13.683	3922	3932	3942	rBV	38069	55352	4.80%	0.692%
92	13.783	3961	3963	3971	rVB5	501	641	0.06%	0.008%
93	13.824	3971	3976	3979	rBV3	905	1007	0.09%	0.013%
94	14.088	4050	4058	4063	rBV5	1509	2410	0.21%	0.030%
95	14.120	4063	4068	4076	rVB5	1700	2595	0.22%	0.032%
96	14.165	4080	4082	4084	rBV3	577	320	0.03%	0.004%
97	14.271	4112	4115	4117	rBV3	570	357	0.03%	0.004%
98	14.413	4156	4159	4164	rBV3	711	602	0.05%	0.008%
99	14.773	4265	4271	4273	rBV5	1306	1328	0.12%	0.017%
100	15.069	4360	4363	4366	rBV3	803	626	0.05%	0.008%

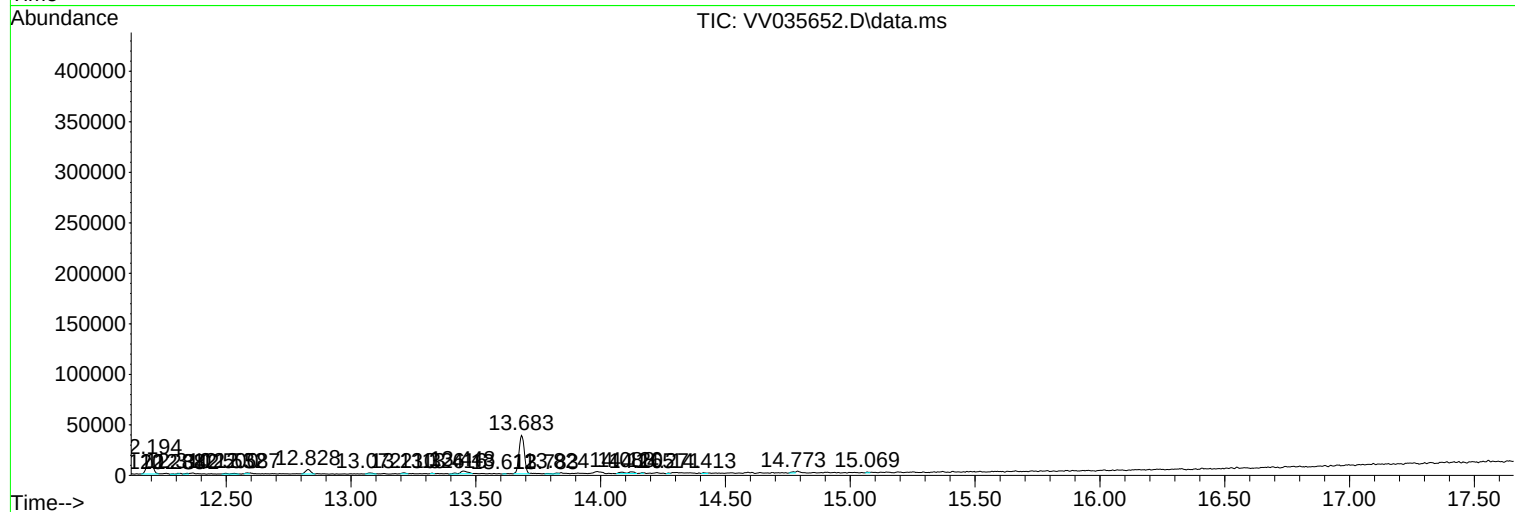
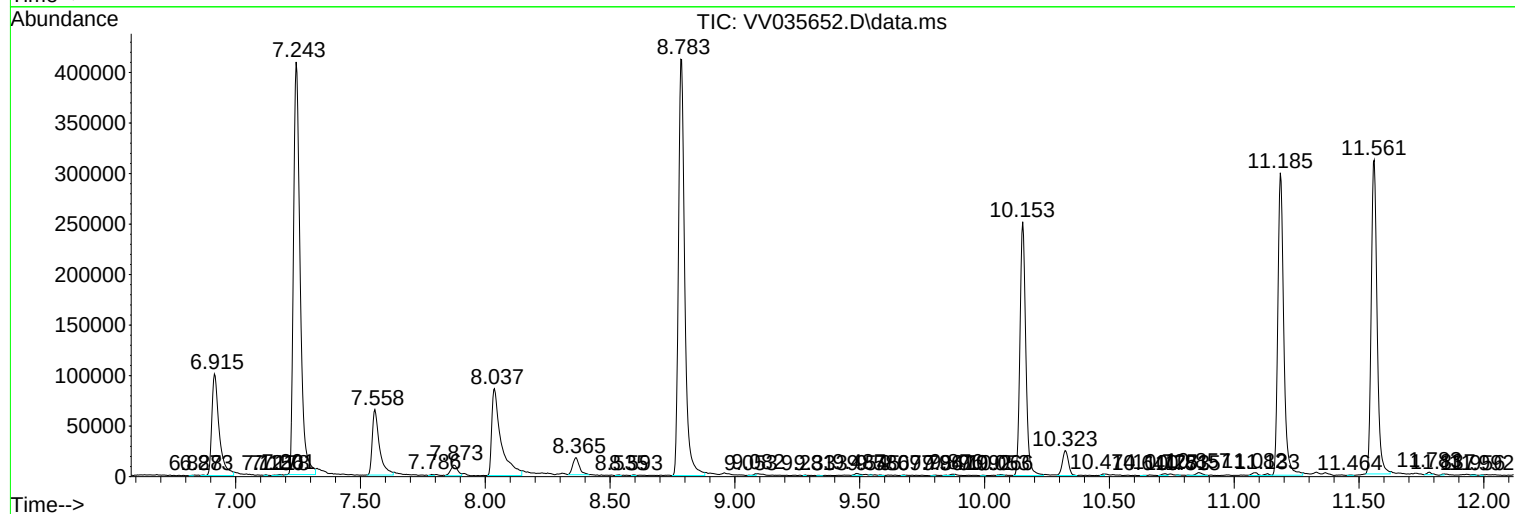
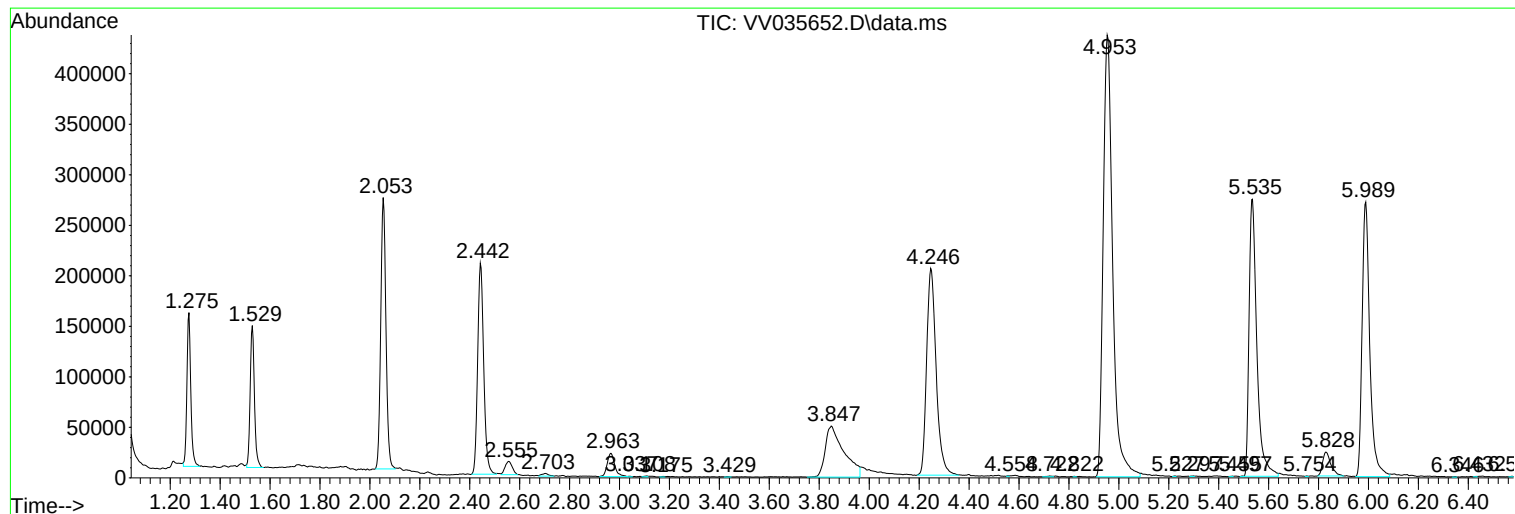
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



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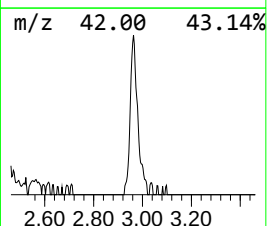
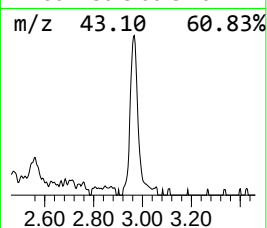
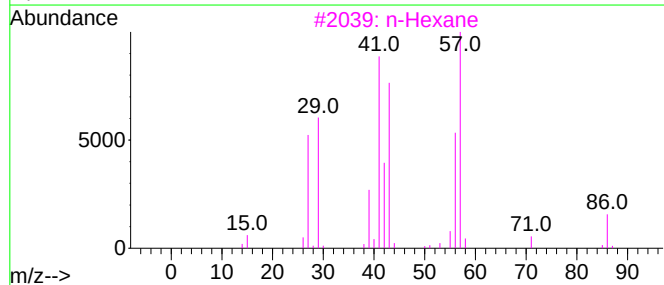
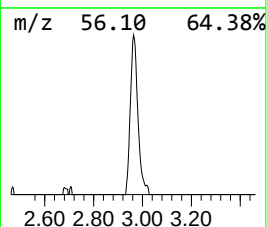
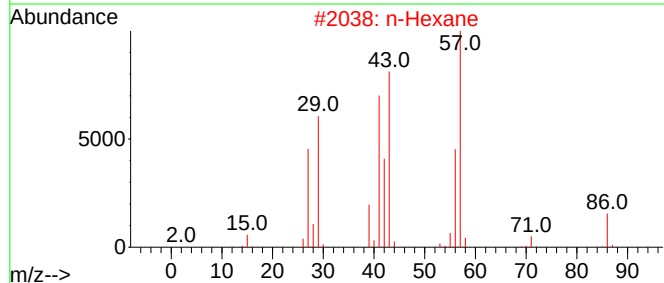
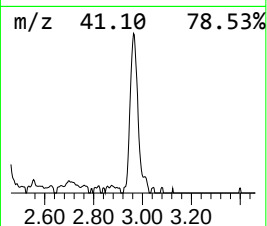
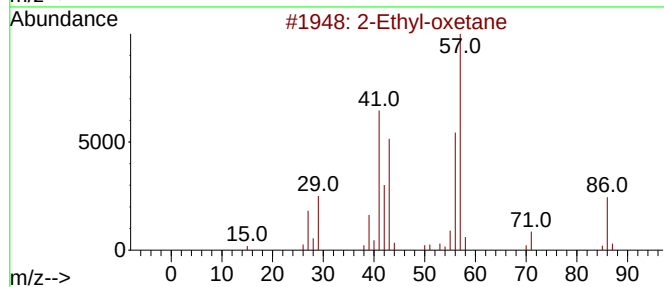
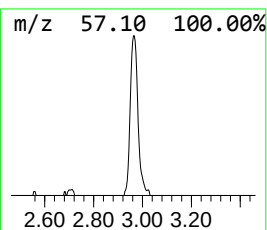
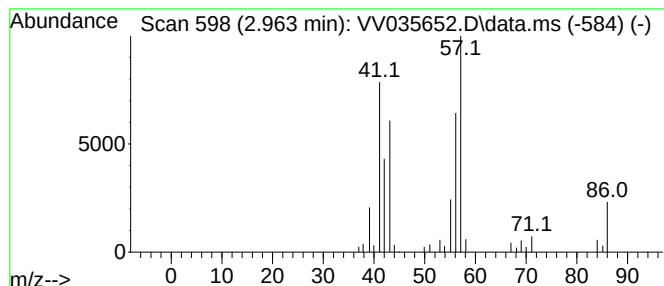
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	2.05 ug/L	48771	1,4-Difluorobenzene	5.535

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2		n-Hexane	86	C6H14	000110-54-3	78
3		n-Hexane	86	C6H14	000110-54-3	59
4		n-Hexane	86	C6H14	000110-54-3	49
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42



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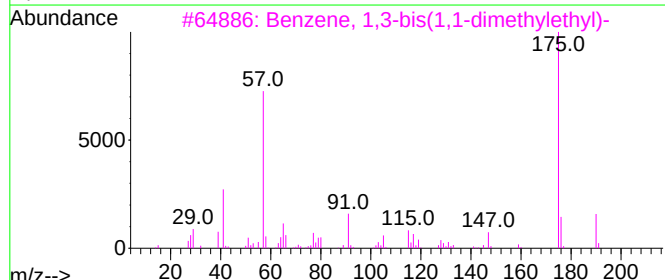
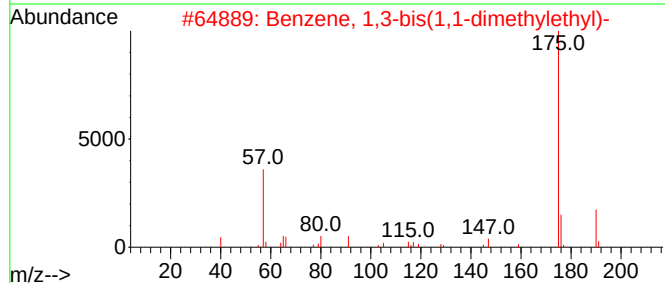
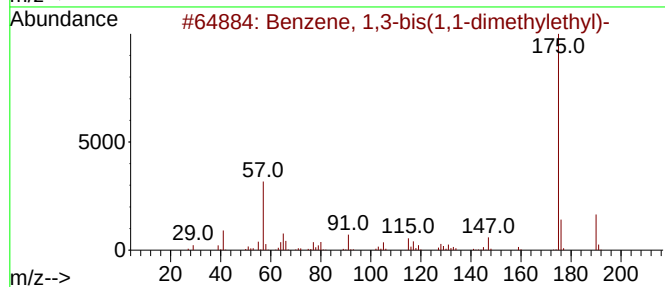
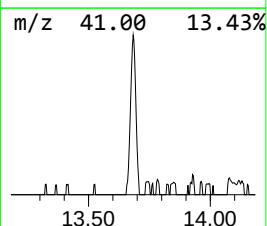
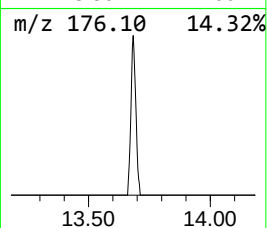
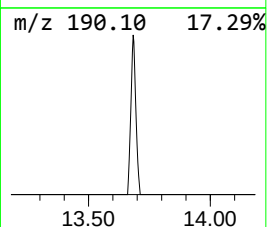
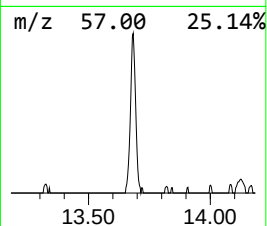
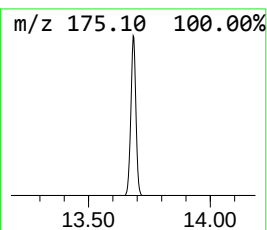
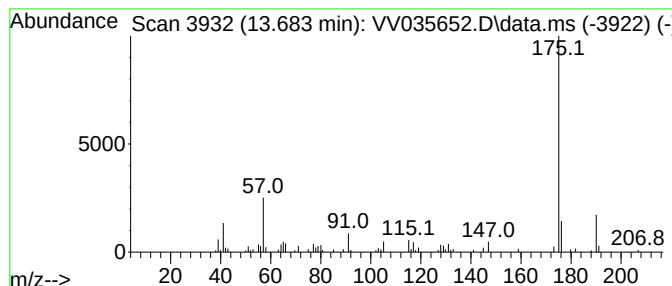
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	2.82 ug/L	55352	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	90
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	87
5			m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	83



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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
2-Ethyl-oxetane	2.963	2.0	ug/L	48771	1	5.535	595406	25.0
Benzene, 1,3-bi...	13.683	2.8	ug/L	55352	3	11.185	490586	25.0