

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035656.D
 Acq On : 21 May 2024 22:09
 Operator : SY/MD
 Sample : P2547-16
 Misc : 5.27g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X3

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: VV035656.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	90	rVB	133099	146329	15.68%	2.503%
2	1.529	145	152	168	rVB	126344	151830	16.26%	2.597%
3	2.053	305	315	331	rBV	218772	318415	34.11%	5.447%
4	2.442	426	436	460	rVB	151605	258766	27.72%	4.426%
5	2.555	460	471	482	rVB	9553	18210	1.95%	0.312%
6	2.822	552	554	558	rVB4	542	300	0.03%	0.005%
7	2.879	569	572	576	rBV2	645	519	0.06%	0.009%
8	2.908	576	581	583	rVV4	397	441	0.05%	0.008%
9	2.963	587	598	613	rVV3	14773	30605	3.28%	0.524%
10	3.027	616	618	621	rVB2	911	502	0.05%	0.009%
11	3.095	633	639	641	rBV4	832	868	0.09%	0.015%
12	3.191	665	669	673	rVB2	451	354	0.04%	0.006%
13	3.211	673	675	679	rVB4	453	316	0.03%	0.005%
14	3.407	732	736	740	rBV2	330	286	0.03%	0.005%
15	3.500	761	765	768	rBV2	332	225	0.02%	0.004%
16	3.609	794	799	803	rBV2	375	253	0.03%	0.004%
17	3.738	835	839	842	rBV2	278	242	0.03%	0.004%
18	3.850	849	874	902	rBV4	28842	153617	16.46%	2.628%
19	4.246	981	997	1025	rBV	181325	483887	51.84%	8.277%
20	4.622	1111	1114	1119	rVB	334	293	0.03%	0.005%
21	4.641	1119	1120	1125	rVB3	545	320	0.03%	0.005%
22	4.674	1125	1130	1133	rBV3	444	453	0.05%	0.008%
23	4.953	1203	1217	1249	rBV2	352515	933511	100.00%	15.969%
24	5.535	1387	1398	1423	rBV	226948	487004	52.17%	8.331%
25	5.715	1451	1454	1456	rBV2	662	323	0.03%	0.006%
26	5.831	1478	1490	1517	rVB2	16452	42485	4.55%	0.727%
27	5.989	1526	1539	1569	rBV	236055	507210	54.33%	8.676%
28	6.352	1649	1652	1657	rBV4	605	489	0.05%	0.008%
29	6.429	1673	1676	1677	rBV2	492	237	0.03%	0.004%
30	6.461	1681	1686	1688	rVV4	358	397	0.04%	0.007%
31	6.510	1699	1701	1705	rVB3	357	241	0.03%	0.004%
32	6.754	1773	1777	1781	rVB	762	698	0.07%	0.012%
33	6.783	1781	1786	1789	rBV	544	617	0.07%	0.011%
34	6.831	1799	1801	1804	rVV	425	237	0.03%	0.004%
35	6.847	1804	1806	1812	rVV2	419	310	0.03%	0.005%
36	6.918	1818	1828	1854	rBV	58441	121742	13.04%	2.083%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052124\
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Integrator: RTE

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

37	7.082	1874	1879	1882	rBV3	854	840	0.09%	0.014%
38	7.243	1919	1929	1957	rBV	278254	518041	55.49%	8.862%
39	7.561	2019	2028	2055	rBV2	37564	78787	8.44%	1.348%
40	7.709	2071	2074	2077	rVB3	778	537	0.06%	0.009%
41	7.728	2077	2080	2083	rBV3	356	271	0.03%	0.005%
42	7.799	2100	2102	2107	rVB4	606	420	0.04%	0.007%
43	7.873	2116	2125	2136	rBV2	8543	14868	1.59%	0.254%
44	7.973	2151	2156	2159	rVB4	359	325	0.03%	0.006%
45	8.043	2169	2178	2198	rBV	32075	80396	8.61%	1.375%
46	8.365	2269	2278	2287	rBV3	10286	17043	1.83%	0.292%
47	8.452	2300	2305	2307	rBV3	546	566	0.06%	0.010%
48	8.564	2337	2340	2343	rBV3	493	334	0.04%	0.006%
49	8.606	2351	2353	2356	rVB3	387	225	0.02%	0.004%
50	8.638	2357	2363	2366	rBV2	402	383	0.04%	0.007%
51	8.786	2398	2409	2439	rBV	286452	492313	52.74%	8.422%
52	9.034	2482	2486	2487	rBV	521	372	0.04%	0.006%
53	9.059	2491	2494	2496	rVV2	389	217	0.02%	0.004%
54	9.095	2498	2505	2508	rVV4	1121	1677	0.18%	0.029%
55	9.124	2512	2514	2518	rVB	445	283	0.03%	0.005%
56	9.243	2548	2551	2556	rBV3	408	509	0.05%	0.009%
57	9.278	2558	2562	2565	rVV3	434	432	0.05%	0.007%
58	9.397	2594	2599	2601	rBV3	343	239	0.03%	0.004%
59	9.490	2622	2628	2631	rBV3	1293	1267	0.14%	0.022%
60	9.535	2639	2642	2645	rBV2	314	241	0.03%	0.004%
61	9.831	2731	2734	2738	rVB	399	285	0.03%	0.005%
62	10.152	2817	2834	2864	rBV	193005	321862	34.48%	5.506%
63	10.323	2878	2887	2899	rVB2	15870	25320	2.71%	0.433%
64	10.435	2920	2922	2927	rVB3	320	286	0.03%	0.005%
65	10.487	2934	2938	2944	rVV2	843	1035	0.11%	0.018%
66	10.513	2944	2946	2951	rVB5	490	376	0.04%	0.006%
67	10.683	2992	2999	3004	rBV2	323	425	0.05%	0.007%
68	10.709	3004	3007	3012	rBV3	338	353	0.04%	0.006%
69	10.744	3012	3018	3019	rBV3	767	693	0.07%	0.012%
70	10.860	3047	3054	3064	rVV7	1993	3213	0.34%	0.055%
71	10.966	3085	3087	3094	rVB3	794	759	0.08%	0.013%
72	11.085	3117	3124	3132	rVB6	2573	3701	0.40%	0.063%
73	11.127	3132	3137	3138	rBV3	656	396	0.04%	0.007%
74	11.188	3146	3156	3175	rBV	157554	258989	27.74%	4.430%
75	11.368	3208	3212	3224	rVB6	2124	2654	0.28%	0.045%
76	11.490	3247	3250	3254	rBV3	492	415	0.04%	0.007%

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

77	11.561	3261	3272	3292	rBV	160343	267054	28.61%	4.568%
78	11.779	3332	3340	3346	rBV5	1416	2000	0.21%	0.034%
79	11.834	3354	3357	3359	rBV	476	329	0.04%	0.006%
80	12.191	3460	3468	3482	rVB2	11438	19583	2.10%	0.335%
81	12.262	3486	3490	3493	rVV3	443	358	0.04%	0.006%
82	12.313	3502	3506	3509	rBV2	412	388	0.04%	0.007%
83	12.699	3622	3626	3631	rBV2	496	600	0.06%	0.010%
84	12.828	3658	3666	3678	rBV7	3058	4488	0.48%	0.077%
85	13.078	3739	3744	3748	rVV3	825	989	0.11%	0.017%
86	13.114	3751	3755	3759	rBV2	298	352	0.04%	0.006%
87	13.368	3829	3834	3839	rBV4	575	687	0.07%	0.012%
88	13.397	3839	3843	3847	rBV3	438	514	0.06%	0.009%
89	13.448	3852	3859	3872	rVV2	5938	9411	1.01%	0.161%
90	13.538	3885	3887	3892	rVB3	889	650	0.07%	0.011%
91	13.574	3893	3898	3900	rBV3	580	468	0.05%	0.008%
92	13.683	3921	3932	3941	rBV	23801	34191	3.66%	0.585%
93	13.779	3958	3962	3965	rBV3	581	534	0.06%	0.009%
94	13.985	4020	4026	4033	rBV5	1877	2644	0.28%	0.045%
95	14.120	4064	4068	4076	rVB4	1622	2017	0.22%	0.035%
96	14.172	4080	4084	4089	rVB4	665	680	0.07%	0.012%
97	14.278	4112	4117	4118	rBV3	625	510	0.05%	0.009%
98	14.345	4136	4138	4140	rBV2	612	261	0.03%	0.004%
99	14.519	4190	4192	4194	rBV3	563	356	0.04%	0.006%
100	14.580	4206	4211	4219	rBV5	1669	2945	0.32%	0.050%

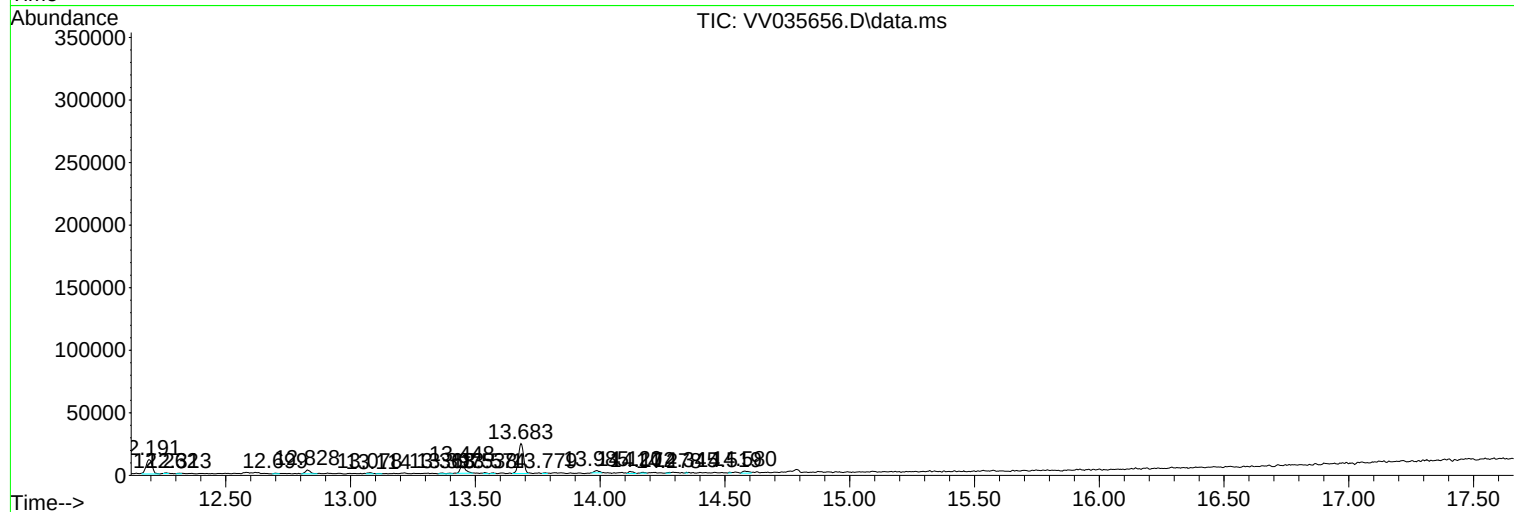
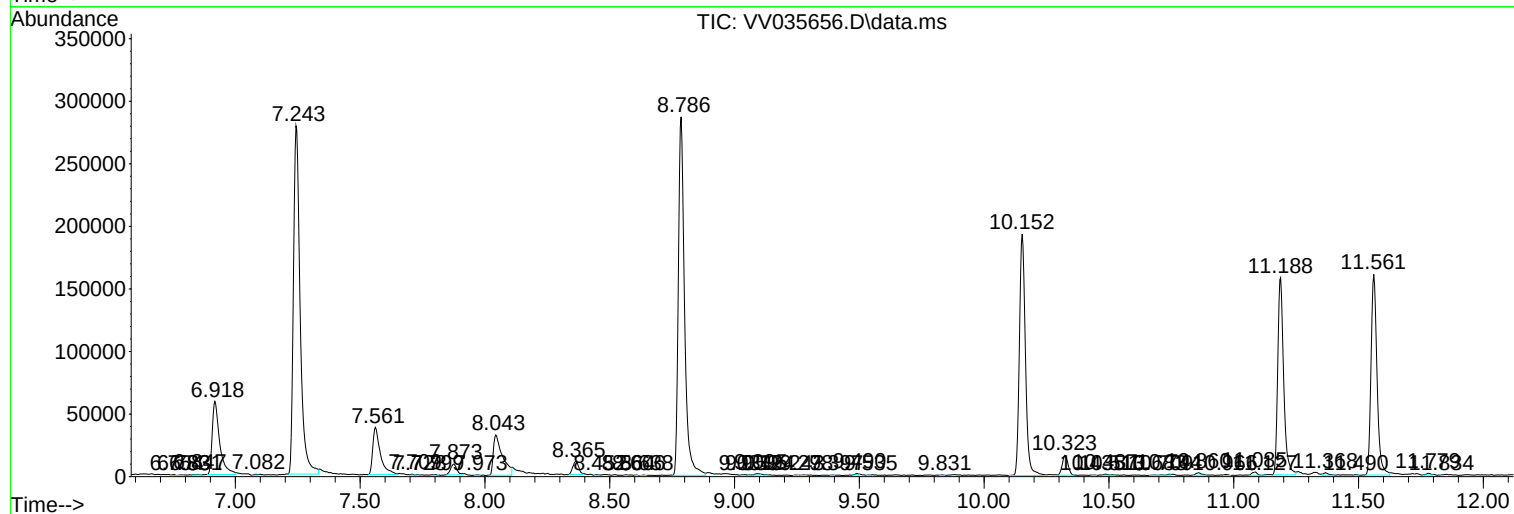
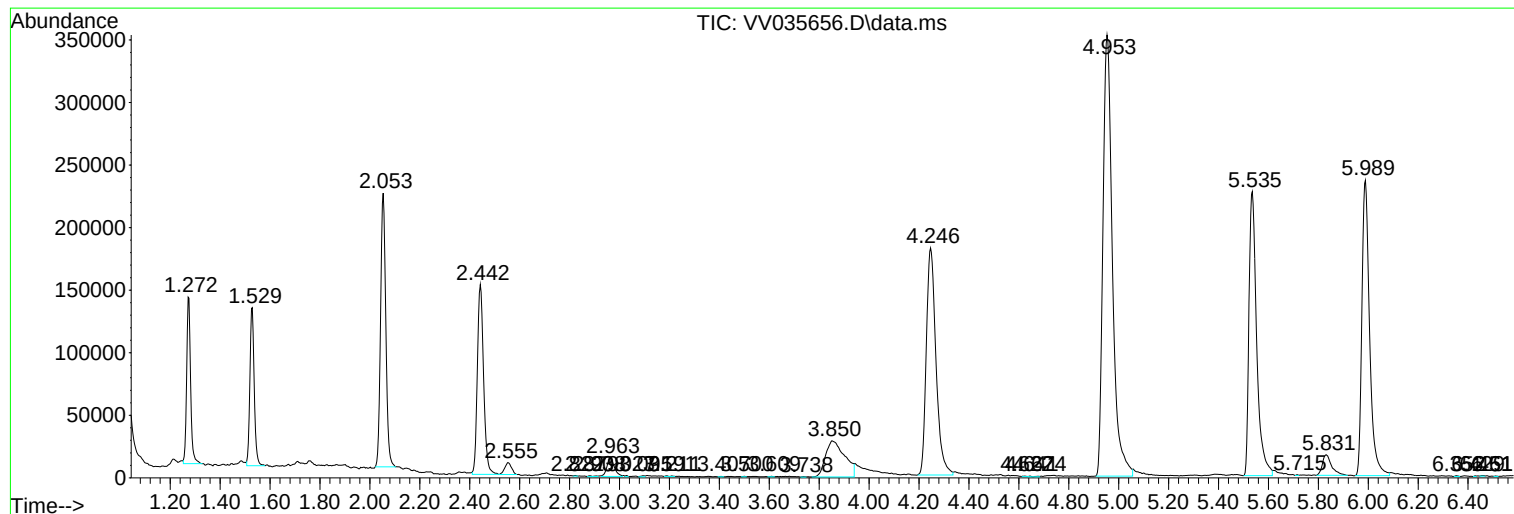
Sum of corrected areas: 5845889

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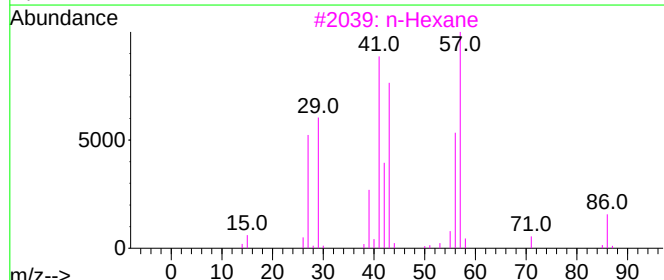
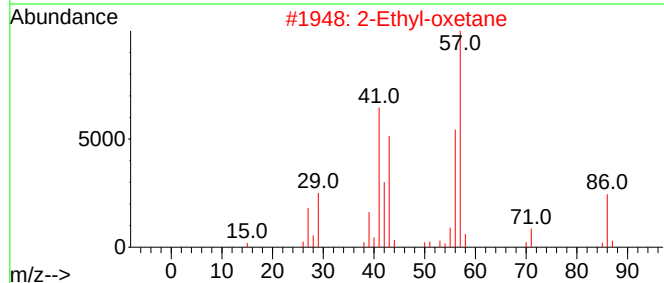
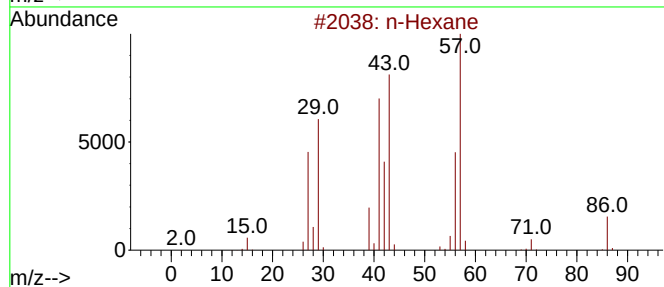
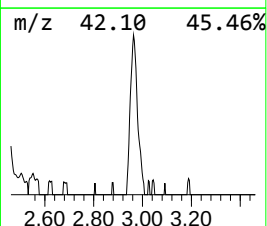
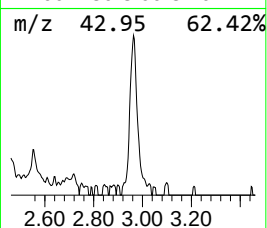
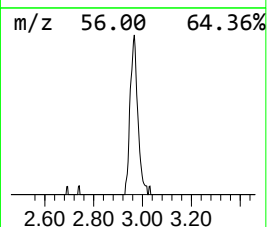
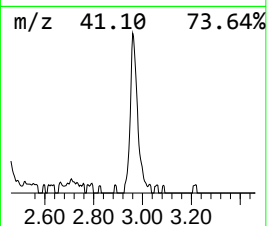
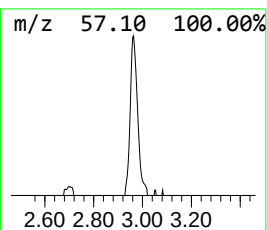
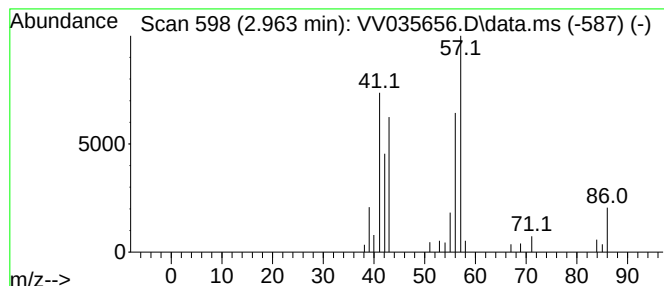
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.57 ug/L	30605	1,4-Difluorobenzene	5.535

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	72
2		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
3		n-Hexane	86	C6H14	000110-54-3	64
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43
5		n-Hexane	86	C6H14	000110-54-3	40



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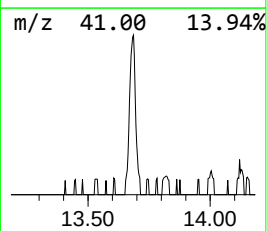
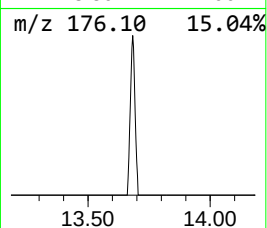
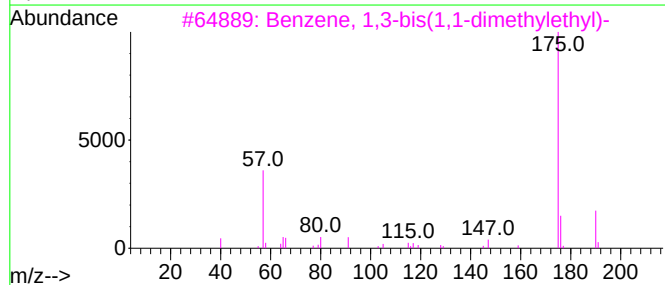
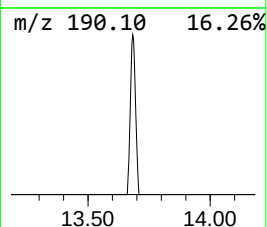
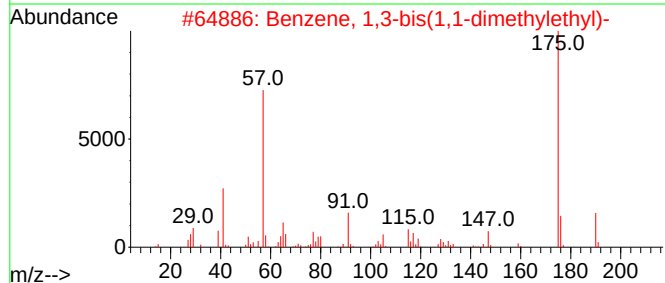
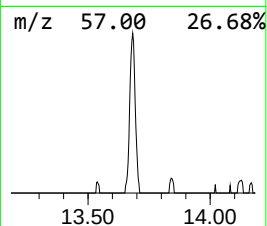
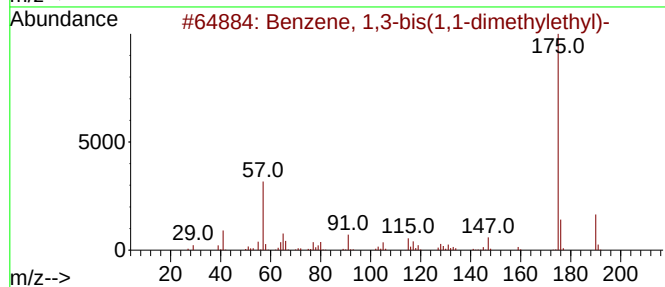
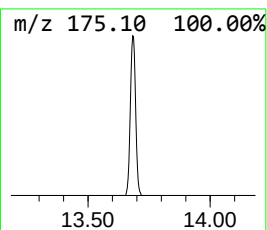
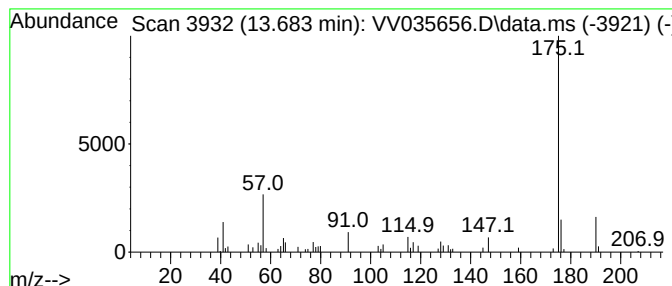
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Quant Title : VOC Analysis

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	3.30 ug/L	34191	1,4-Dichlorobenzene-d4	11.188

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	95
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	91
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87



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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...	2.963	1.6	ug/L	30605	1	5.535	487004	25.0
Benzene, 1,3-bi...	13.683	3.3	ug/L	34191	3	11.188	258989	25.0