

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035644.D
 Acq On : 21 May 2024 17:35
 Operator : SY/MD
 Sample : P2547-11
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5W8

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: VV035644.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	92	rVB	155583	168527	16.27%	2.475%
2	1.529	145	152	168	rVB	136785	161455	15.59%	2.371%
3	2.053	306	315	331	rBV	248038	361816	34.94%	5.314%
4	2.445	426	437	459	rVB	111279	188332	18.19%	2.766%
5	2.693	509	514	516	rBV5	1910	1820	0.18%	0.027%
6	2.789	542	544	547	rVB3	690	291	0.03%	0.004%
7	2.809	547	550	554	rVB2	661	437	0.04%	0.006%
8	2.867	562	568	574	rBV5	463	629	0.06%	0.009%
9	2.966	587	599	620	rBV2	18053	38186	3.69%	0.561%
10	3.105	639	642	645	rBV2	651	470	0.05%	0.007%
11	3.137	650	652	656	rVV2	633	493	0.05%	0.007%
12	3.844	853	872	915	rBV2	44643	236062	22.79%	3.467%
13	4.249	982	998	1036	rBV	187884	498670	48.15%	7.324%
14	4.516	1073	1081	1086	rBV6	1351	2274	0.22%	0.033%
15	4.577	1093	1100	1105	rBV6	1088	1539	0.15%	0.023%
16	4.715	1139	1143	1144	rBV3	1356	1041	0.10%	0.015%
17	4.741	1149	1151	1154	rVB2	960	592	0.06%	0.009%
18	4.957	1200	1218	1266	rVV2	390587	1035628	100.00%	15.211%
19	5.201	1292	1294	1298	rVB2	642	313	0.03%	0.005%
20	5.301	1321	1325	1326	rBV3	482	340	0.03%	0.005%
21	5.387	1345	1352	1353	rBV3	764	879	0.08%	0.013%
22	5.535	1388	1398	1428	rBV	261269	566053	54.66%	8.314%
23	5.834	1480	1491	1518	rVB5	16264	42638	4.12%	0.626%
24	5.989	1527	1539	1570	rBV	245823	526587	50.85%	7.734%
25	6.320	1638	1642	1648	rVB5	839	809	0.08%	0.012%
26	6.387	1658	1663	1667	rVB6	754	679	0.07%	0.010%
27	6.452	1674	1683	1687	rBV5	1124	1633	0.16%	0.024%
28	6.519	1700	1704	1709	rBV4	790	810	0.08%	0.012%
29	6.584	1720	1724	1726	rBV3	579	416	0.04%	0.006%
30	6.616	1730	1734	1736	rBV3	383	363	0.04%	0.005%
31	6.809	1788	1794	1796	rBV3	624	597	0.06%	0.009%
32	6.857	1806	1809	1812	rBV3	493	344	0.03%	0.005%
33	6.918	1817	1828	1858	rBV	84987	174724	16.87%	2.566%
34	7.079	1876	1878	1881	rVB3	706	342	0.03%	0.005%
35	7.159	1900	1903	1904	rBV2	508	312	0.03%	0.005%
36	7.191	1910	1913	1919	rBV3	637	534	0.05%	0.008%

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 Title : VOC Analysis

37	7.243	1919	1929	1967	rBV	357871	665234	64.23%	9.770%
38	7.516	2012	2014	2017	rVV2	546	297	0.03%	0.004%
39	7.561	2020	2028	2056	rVV	49762	103399	9.98%	1.519%
40	7.731	2079	2081	2083	rVB	1027	416	0.04%	0.006%
41	7.760	2083	2090	2093	rBV4	715	884	0.09%	0.013%
42	7.876	2114	2126	2135	rBV2	11705	21690	2.09%	0.319%
43	8.005	2161	2166	2168	rBV2	399	372	0.04%	0.005%
44	8.040	2168	2177	2218	rBV	57026	155410	15.01%	2.283%
45	8.365	2269	2278	2293	rVB	12876	23160	2.24%	0.340%
46	8.455	2303	2306	2310	rBV3	907	601	0.06%	0.009%
47	8.519	2322	2326	2331	rVV3	552	501	0.05%	0.007%
48	8.545	2331	2334	2340	rVB4	559	530	0.05%	0.008%
49	8.596	2345	2350	2352	rBV4	676	516	0.05%	0.008%
50	8.731	2388	2392	2394	rVB3	406	324	0.03%	0.005%
51	8.786	2395	2409	2449	rBV	353970	620093	59.88%	9.107%
52	9.088	2497	2503	2504	rBV3	2150	1911	0.18%	0.028%
53	9.220	2539	2544	2546	rBV2	420	362	0.03%	0.005%
54	9.246	2548	2552	2557	rVV4	554	595	0.06%	0.009%
55	9.297	2563	2568	2571	rVV2	471	375	0.04%	0.006%
56	9.493	2619	2629	2630	rBV	1580	1841	0.18%	0.027%
57	9.751	2705	2709	2716	rBV3	314	345	0.03%	0.005%
58	9.873	2741	2747	2756	rVV6	1290	1801	0.17%	0.026%
59	10.069	2797	2808	2811	rBV5	1521	2158	0.21%	0.032%
60	10.153	2823	2834	2852	rBV	190056	310128	29.95%	4.555%
61	10.323	2875	2887	2901	rVB2	25307	41545	4.01%	0.610%
62	10.400	2907	2911	2920	rVB4	583	741	0.07%	0.011%
63	10.484	2930	2937	2942	rBV3	1668	2036	0.20%	0.030%
64	10.542	2953	2955	2962	rVB4	902	616	0.06%	0.009%
65	10.590	2967	2970	2975	rBV2	521	613	0.06%	0.009%
66	10.686	2998	3000	3004	rBV2	428	450	0.04%	0.007%
67	10.751	3015	3020	3023	rVV3	1283	931	0.09%	0.014%
68	10.857	3045	3053	3060	rBV6	3031	4385	0.42%	0.064%
69	10.972	3082	3089	3096	rBV3	1053	1382	0.13%	0.020%
70	11.021	3100	3104	3107	rBV3	842	862	0.08%	0.013%
71	11.082	3115	3123	3131	rBV5	6008	8898	0.86%	0.131%
72	11.133	3133	3139	3146	rVB6	1579	1939	0.19%	0.028%
73	11.185	3146	3155	3174	rBV	219432	360376	34.80%	5.293%
74	11.326	3192	3199	3206	rBV7	3545	5704	0.55%	0.084%
75	11.509	3251	3256	3260	rBV4	356	334	0.03%	0.005%
76	11.561	3260	3272	3300	rBV	208435	350908	33.88%	5.154%

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 Title : VOC Analysis

77	11.715	3317	3320	3321	rBV2	963	500	0.05%	0.007%
78	11.783	3336	3341	3348	rVB7	1656	2100	0.20%	0.031%
79	11.847	3356	3361	3367	rVB3	824	846	0.08%	0.012%
80	11.905	3376	3379	3382	rBV4	739	548	0.05%	0.008%
81	12.194	3458	3469	3479	rBV2	11969	19547	1.89%	0.287%
82	12.320	3503	3508	3513	rVB4	902	897	0.09%	0.013%
83	12.435	3539	3544	3548	rBV2	674	713	0.07%	0.010%
84	12.535	3571	3575	3576	rBV2	409	288	0.03%	0.004%
85	12.596	3588	3594	3596	rBV3	691	768	0.07%	0.011%
86	12.750	3637	3642	3645	rBV3	537	576	0.06%	0.008%
87	12.805	3655	3659	3660	rBV	541	350	0.03%	0.005%
88	12.828	3660	3666	3675	rVB5	4138	4917	0.47%	0.072%
89	12.953	3700	3705	3707	rBV2	433	372	0.04%	0.005%
90	13.130	3757	3760	3765	rVB3	468	409	0.04%	0.006%
91	13.213	3783	3786	3793	rVV5	1193	1236	0.12%	0.018%
92	13.255	3797	3799	3807	rVB5	450	381	0.04%	0.006%
93	13.394	3840	3842	3844	rBV2	569	318	0.03%	0.005%
94	13.451	3857	3860	3864	rBV3	1100	844	0.08%	0.012%
95	13.583	3899	3901	3904	rVB	746	351	0.03%	0.005%
96	13.683	3922	3932	3946	rVB2	38605	58244	5.62%	0.855%
97	14.082	4052	4056	4057	rBV3	1075	764	0.07%	0.011%
98	14.168	4079	4083	4086	rBV2	1101	1029	0.10%	0.015%
99	14.393	4151	4153	4157	rBV3	556	443	0.04%	0.007%
100	14.461	4170	4174	4177	rBV3	974	879	0.08%	0.013%

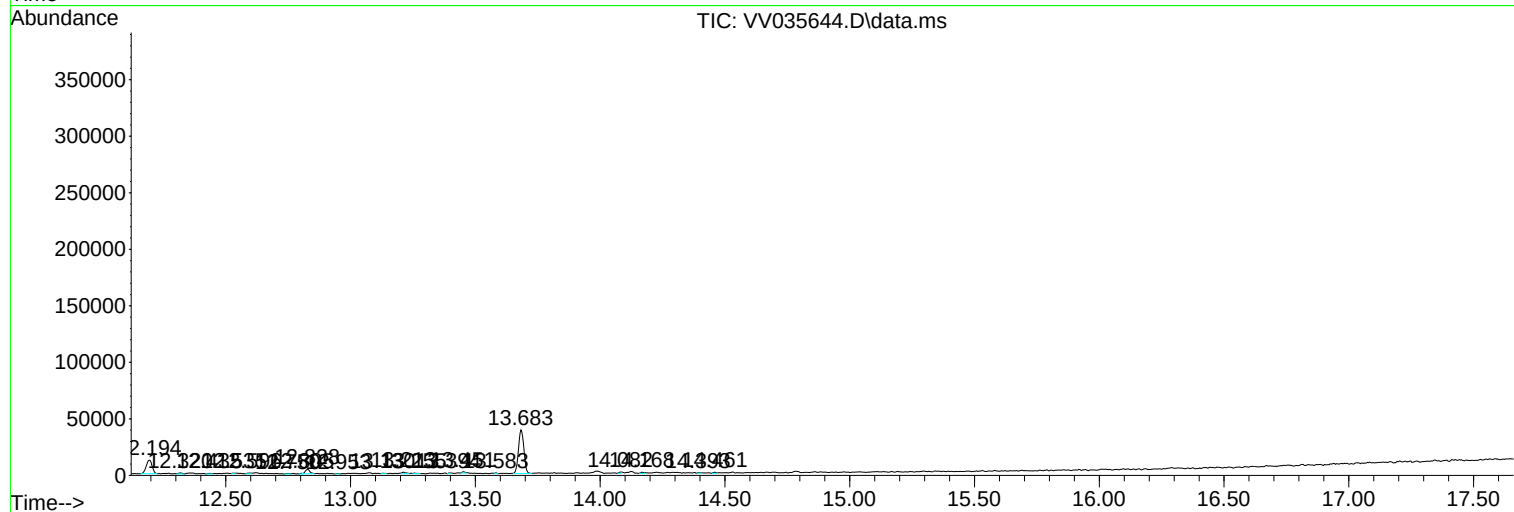
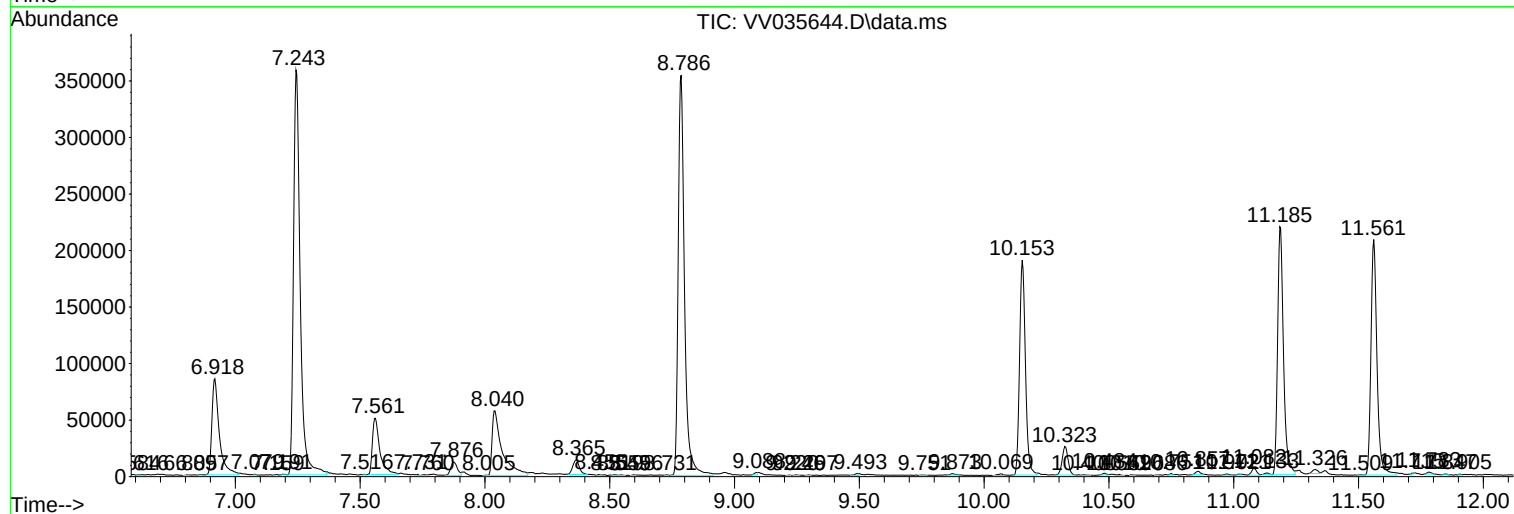
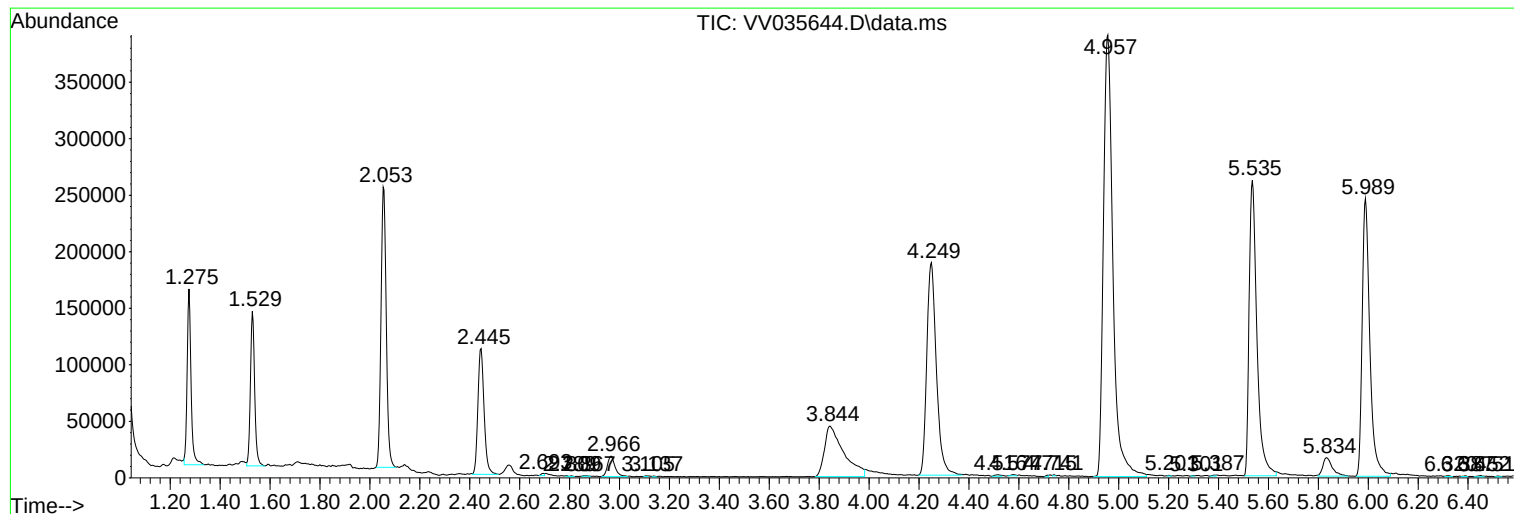
Sum of corrected areas: 6808618

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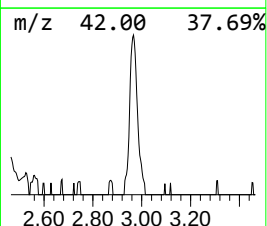
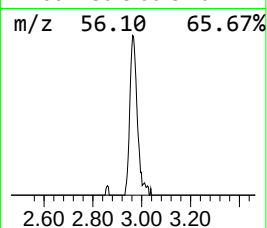
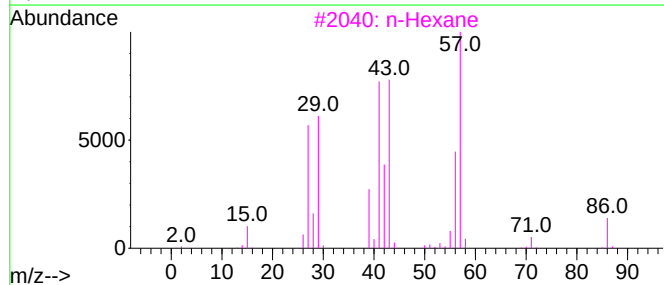
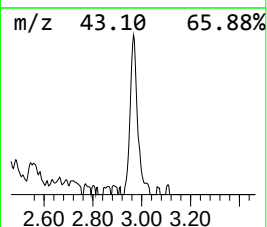
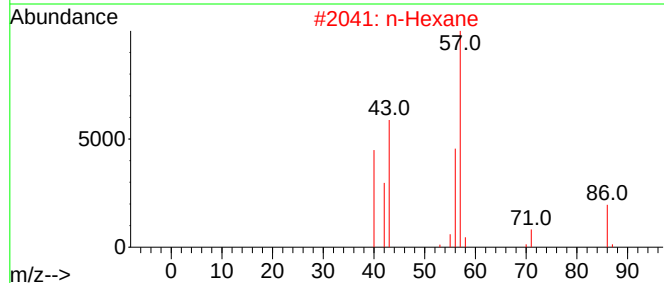
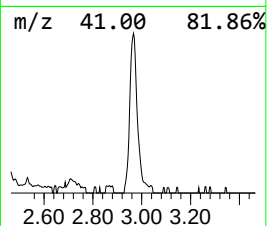
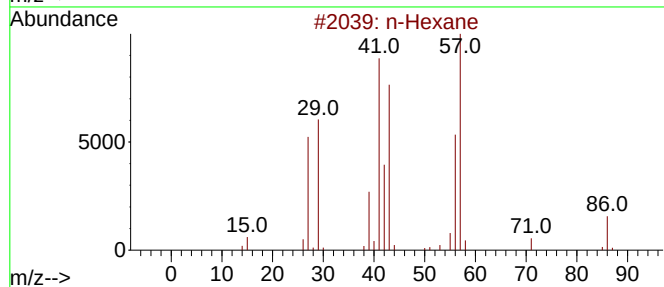
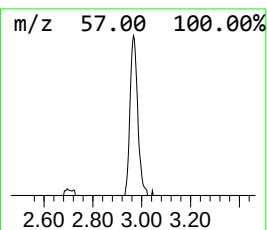
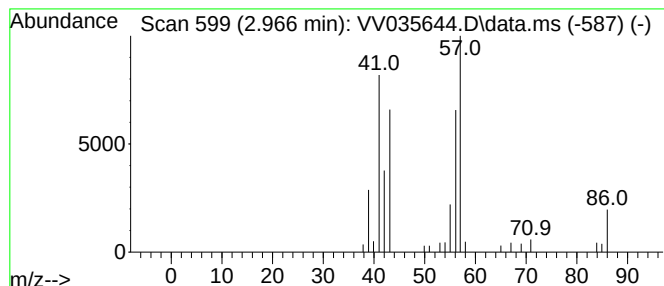
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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.
2.966	1.69 ug/L	38186	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	80
2	n-Hexane			86	C6H14	000110-54-3	50
3	n-Hexane			86	C6H14	000110-54-3	50
4	Butane, 2,2,3-trimethyl-			100	C7H16	000464-06-2	50
5	Pentane, 2,2-dimethyl-			100	C7H16	000590-35-2	47



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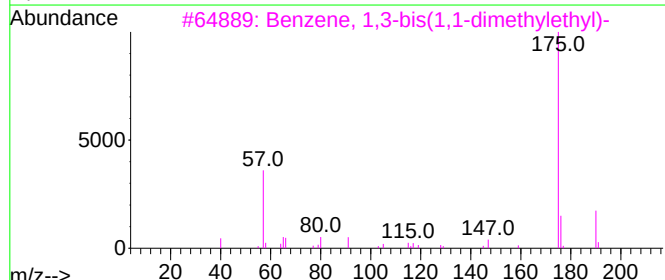
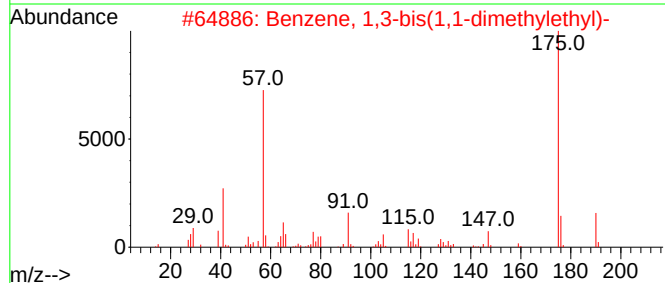
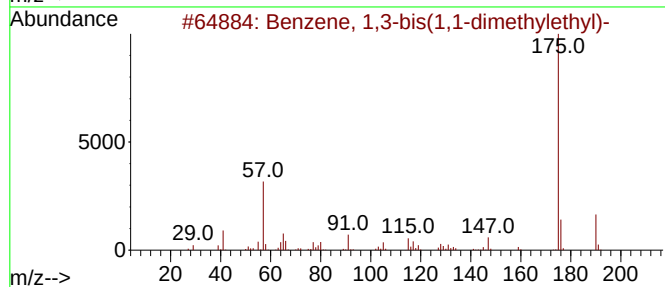
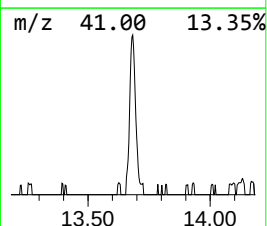
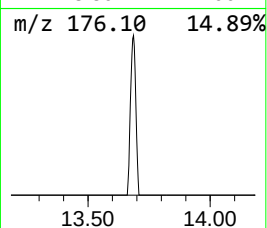
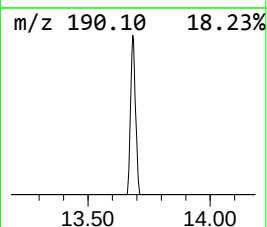
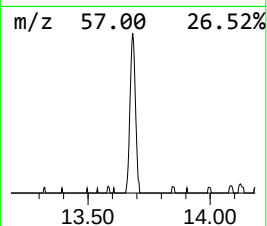
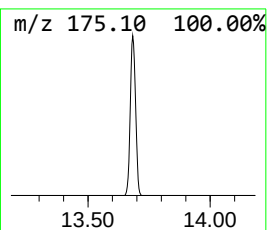
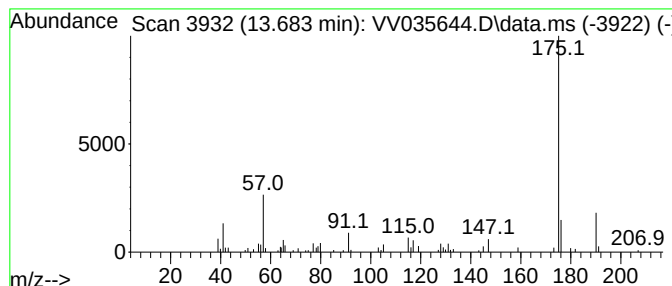
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Quant Title : VOC Analysis

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	4.04 ug/L	58244	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	94
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83



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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...	2.966	1.7	ug/L	38186	1	5.535	566053	25.0
Benzene, 1,3-bi...	13.683	4.0	ug/L	58244	3	11.188	360376	25.0