

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046138.D
 Acq On : 07 Dec 2021 14:18
 Operator : SY/MD
 Sample : M4960-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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_U\Method\SFAMULM112921WMA.M

Title : VOC Analysis

Signal : TIC: VU046138.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.559	52	68	73	rBV	30195	84778	8.97%	0.993%
2	1.600	76	81	99	rVB	143152	184065	19.48%	2.156%
3	1.919	173	180	192	rVB	92884	118644	12.56%	1.390%
4	2.379	317	323	338	rVB2	22816	36194	3.83%	0.424%
5	2.572	371	383	407	rBV	211176	349099	36.95%	4.090%
6	3.092	536	545	551	rVB7	1311	2037	0.22%	0.024%
7	3.192	563	576	592	rVB	4028	8674	0.92%	0.102%
8	4.440	953	964	979	rBV5	2326	5404	0.57%	0.063%
9	4.642	1011	1027	1063	rBV	69612	240207	25.43%	2.814%
10	5.067	1142	1159	1176	rBV	166535	359429	38.05%	4.211%
11	5.375	1243	1255	1266	rVB3	6710	13706	1.45%	0.161%
12	5.465	1267	1283	1296	rBV4	6450	14548	1.54%	0.170%
13	5.597	1311	1324	1341	rVB2	14254	29181	3.09%	0.342%
14	5.729	1341	1365	1392	rBV2	348982	944726	100.00%	11.068%
15	5.989	1437	1446	1456	rVB5	1971	3292	0.35%	0.039%
16	6.250	1512	1527	1544	rBV	286058	540738	57.24%	6.335%
17	6.510	1596	1608	1613	rBV2	9525	18375	1.95%	0.215%
18	6.694	1650	1665	1679	rBV	210374	406649	43.04%	4.764%
19	6.986	1747	1756	1763	rBV5	2347	3571	0.38%	0.042%
20	7.073	1766	1783	1792	rVB3	1150	2346	0.25%	0.027%
21	7.250	1830	1838	1839	rBV4	1810	2040	0.22%	0.024%
22	7.385	1869	1880	1888	rBV5	2727	5177	0.55%	0.061%
23	7.568	1921	1937	1950	rBV	120467	213147	22.56%	2.497%
24	7.899	2017	2040	2056	rBV	461373	810189	85.76%	9.492%
25	8.179	2115	2127	2139	rBV	84244	138188	14.63%	1.619%
26	8.243	2141	2147	2159	rVB4	5885	10892	1.15%	0.128%
27	8.369	2174	2186	2197	rBV4	5687	10863	1.15%	0.127%
28	8.475	2206	2219	2234	rVB2	9003	16541	1.75%	0.194%
29	8.636	2256	2269	2297	rBV	269159	490090	51.88%	5.742%
30	8.864	2332	2340	2351	rVB3	11392	19045	2.02%	0.223%
31	8.925	2351	2359	2365	rBV4	3334	5026	0.53%	0.059%
32	9.057	2389	2400	2411	rBV5	2241	3930	0.42%	0.046%
33	9.169	2429	2435	2445	rVB8	3555	6325	0.67%	0.074%
34	9.224	2445	2452	2462	rVB6	2434	3985	0.42%	0.047%
35	9.343	2481	2489	2499	rVB4	2113	3365	0.36%	0.039%
36	9.417	2499	2512	2532	rBV	412091	685480	72.56%	8.031%

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

37	9.571	2551	2560	2571	rBV7	4917	7572	0.80%	0.089%
38	9.700	2585	2600	2601	rBV7	4868	9034	0.96%	0.106%
39	9.761	2613	2619	2630	rVB3	4653	7464	0.79%	0.087%
40	9.890	2650	2659	2672	rVB4	2883	4817	0.51%	0.056%
41	10.034	2692	2704	2711	rBV6	7359	15621	1.65%	0.183%
42	10.121	2724	2731	2744	rVB7	2388	4054	0.43%	0.047%
43	10.240	2756	2768	2772	rBV6	4322	7310	0.77%	0.086%
44	10.275	2773	2779	2790	rVB4	10131	16225	1.72%	0.190%
45	10.359	2794	2805	2824	rVB7	11092	24640	2.61%	0.289%
46	10.484	2839	2844	2852	rVB3	2858	3438	0.36%	0.040%
47	10.536	2852	2860	2862	rBV3	1742	2156	0.23%	0.025%
48	10.697	2893	2910	2917	rBV7	7285	16453	1.74%	0.193%
49	10.758	2917	2929	2941	rBV	309644	489637	51.83%	5.736%
50	10.893	2961	2971	2983	rVB2	18201	29433	3.12%	0.345%
51	11.021	3001	3011	3019	rBV7	2717	5215	0.55%	0.061%
52	11.124	3037	3043	3054	rVB8	2380	3518	0.37%	0.041%
53	11.304	3088	3099	3112	rVB6	7466	14670	1.55%	0.172%
54	11.462	3140	3148	3157	rBV5	4744	8286	0.88%	0.097%
55	11.610	3176	3194	3199	rBV	21660	34708	3.67%	0.407%
56	11.703	3215	3223	3233	rBV6	2015	3329	0.35%	0.039%
57	11.812	3245	3257	3273	rBV	478705	744572	78.81%	8.723%
58	11.941	3290	3297	3301	rBV6	1658	2477	0.26%	0.029%
59	12.008	3313	3318	3326	rVB2	1253	1741	0.18%	0.020%
60	12.195	3357	3376	3390	rBV	474582	783997	82.99%	9.185%
61	12.304	3403	3410	3413	rBV4	2003	2422	0.26%	0.028%
62	12.388	3426	3436	3447	rVB5	1270	2194	0.23%	0.026%
63	12.545	3472	3485	3497	rBV7	2682	6850	0.73%	0.080%
64	12.632	3497	3512	3521	rBV9	6860	13391	1.42%	0.157%
65	12.684	3521	3528	3535	rBV7	1593	2758	0.29%	0.032%
66	12.725	3535	3541	3546	rVB	2101	2251	0.24%	0.026%
67	12.774	3546	3556	3562	rBV4	11103	21386	2.26%	0.251%
68	12.864	3579	3584	3596	rVB	6107	9264	0.98%	0.109%
69	12.941	3599	3608	3616	rBV3	11412	16994	1.80%	0.199%
70	12.983	3618	3621	3631	rVV5	2611	2919	0.31%	0.034%
71	13.041	3631	3639	3646	rVB4	3437	4847	0.51%	0.057%
72	13.114	3652	3662	3669	rBV3	6951	9456	1.00%	0.111%
73	13.256	3690	3706	3717	rVB4	9884	17040	1.80%	0.200%
74	13.330	3721	3729	3741	rVB4	2195	3188	0.34%	0.037%
75	13.401	3741	3751	3761	rBV	15627	22629	2.40%	0.265%
76	13.459	3761	3769	3777	rVV2	5150	7788	0.82%	0.091%

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 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

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 Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

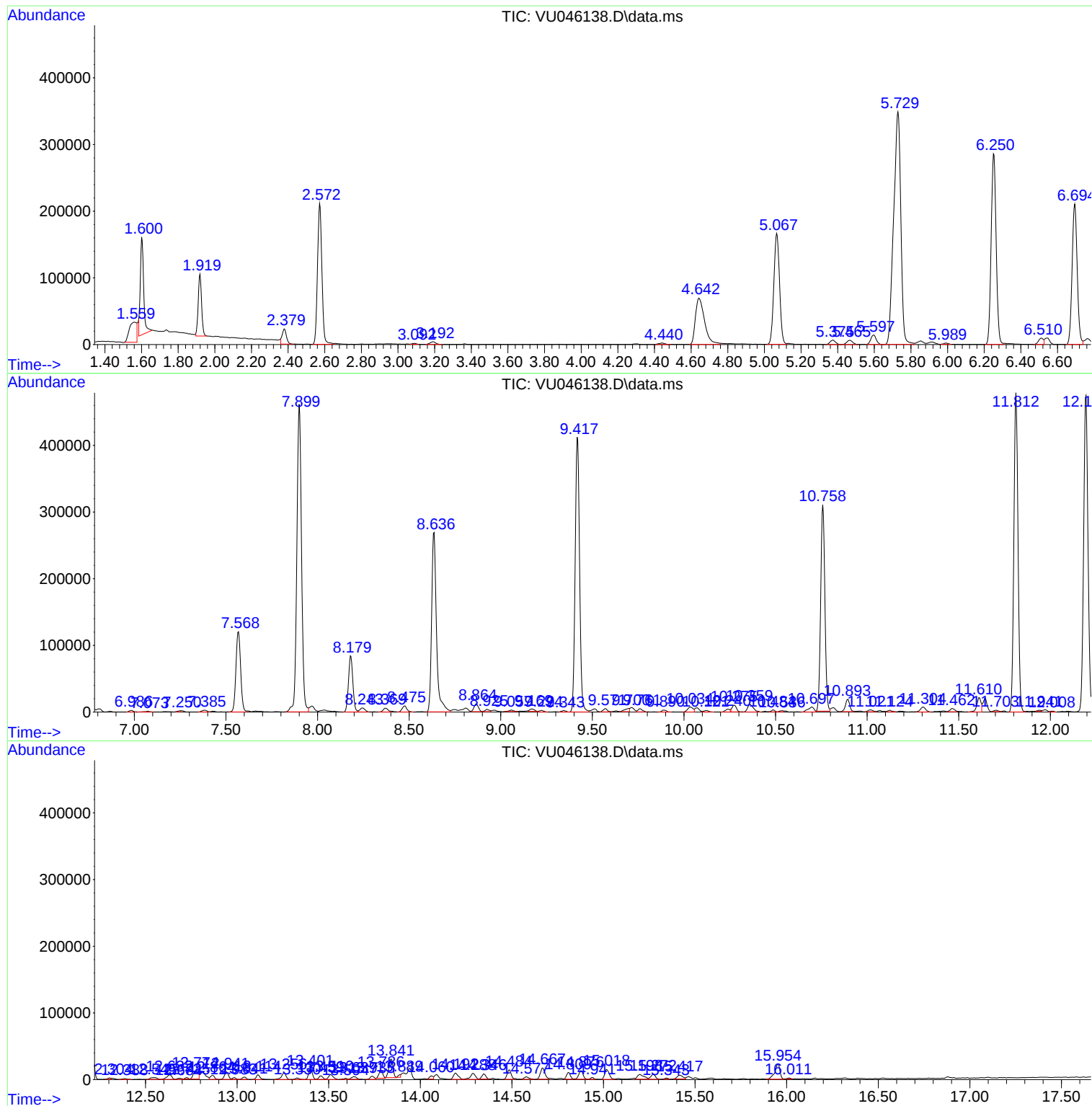
77	13.510	3777	3785	3798	rVB4	7230	12776	1.35%	0.150%
78	13.594	3801	3811	3815	rBV5	1657	2334	0.25%	0.027%
79	13.639	3815	3825	3835	rVB7	3769	7240	0.77%	0.085%
80	13.735	3845	3855	3862	rBV5	4926	7668	0.81%	0.090%
81	13.786	3862	3871	3878	rBV2	11551	17051	1.80%	0.200%
82	13.841	3878	3888	3897	rBV4	27769	43394	4.59%	0.508%
83	13.889	3897	3903	3904	rBV2	3879	3682	0.39%	0.043%
84	14.060	3949	3956	3960	rBV2	4793	6619	0.70%	0.078%
85	14.192	3989	3997	4011	rBV4	9483	17315	1.83%	0.203%
86	14.288	4011	4027	4037	rBV6	8993	17402	1.84%	0.204%
87	14.346	4037	4045	4055	rBV4	7793	11528	1.22%	0.135%
88	14.484	4079	4088	4097	rBV	14243	22095	2.34%	0.259%
89	14.577	4109	4117	4131	rVB	3730	6446	0.68%	0.076%
90	14.667	4135	4145	4156	rBV3	16759	29016	3.07%	0.340%
91	14.809	4181	4189	4198	rBV4	9918	14353	1.52%	0.168%
92	14.876	4200	4210	4223	rVV3	12910	20960	2.22%	0.246%
93	14.941	4223	4230	4236	rVB4	2504	3087	0.33%	0.036%
94	15.018	4245	4254	4268	rBV4	14909	25769	2.73%	0.302%
95	15.198	4302	4310	4325	rVV9	7121	17528	1.86%	0.205%
96	15.272	4325	4333	4345	rVB5	7479	12799	1.35%	0.150%
97	15.343	4350	4355	4362	rVB6	1574	2024	0.21%	0.024%
98	15.417	4367	4378	4388	rBV6	5685	12455	1.32%	0.146%
99	15.954	4524	4545	4555	rBV3	23021	44746	4.74%	0.524%
100	16.011	4558	4563	4570	rVB4	1396	1728	0.18%	0.020%

Sum of corrected areas: 8535705

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



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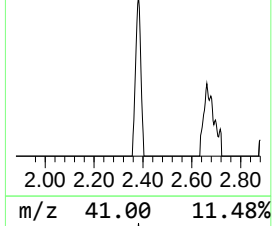
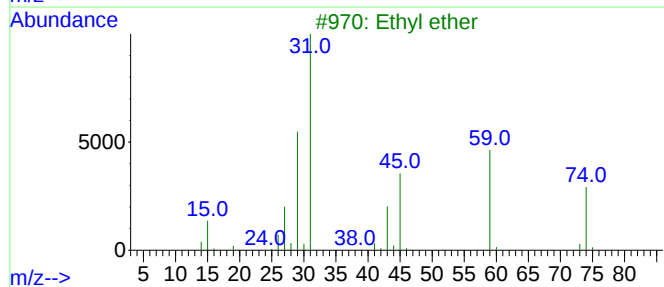
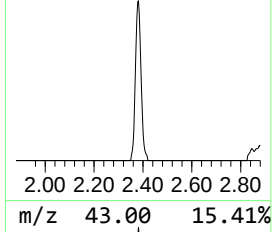
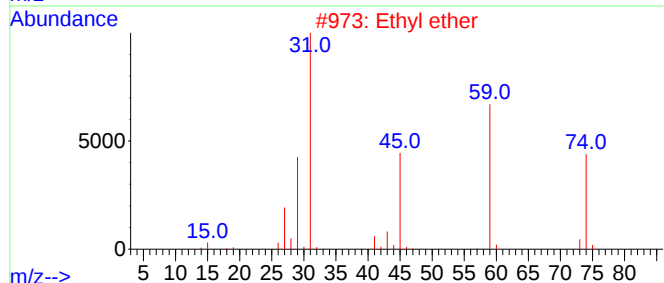
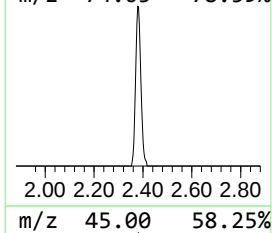
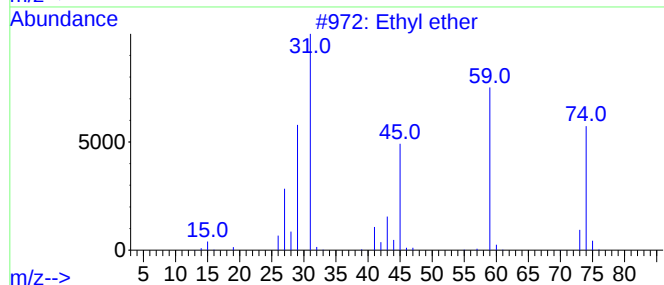
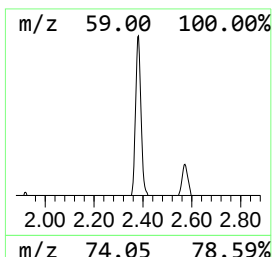
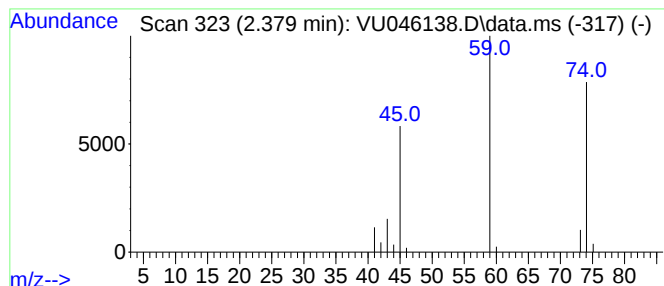
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.379	3.35 ug/L	36194	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ether	74	C4H10O	000060-29-7	90
2			Ethyl ether	74	C4H10O	000060-29-7	90
3			Ethyl ether	74	C4H10O	000060-29-7	78
4			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	39



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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

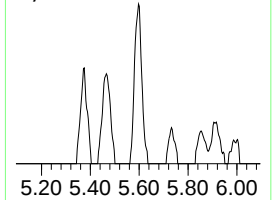
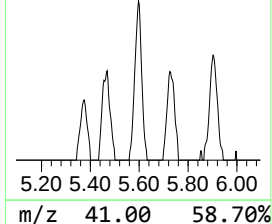
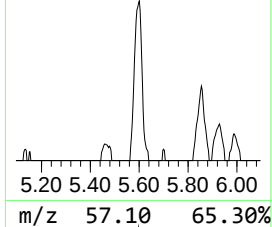
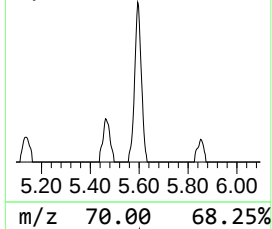
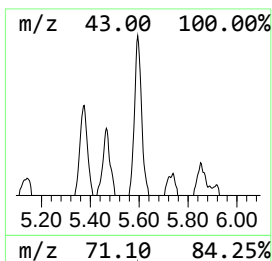
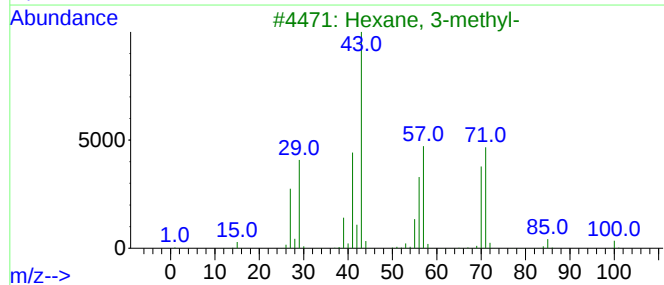
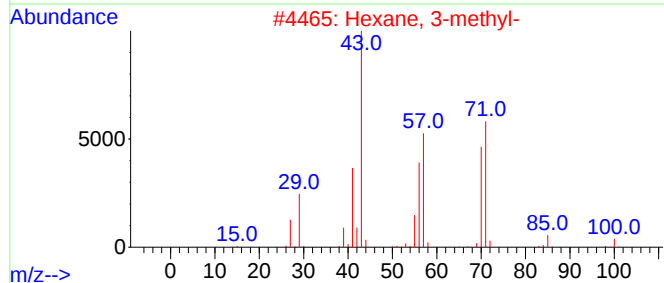
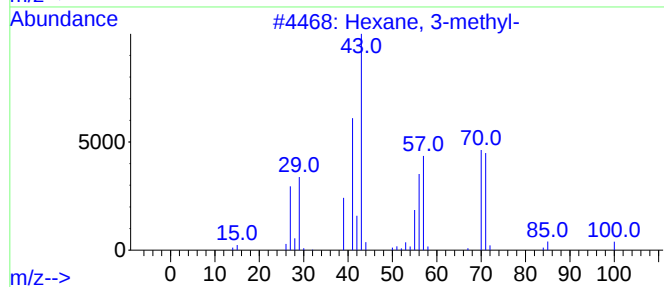
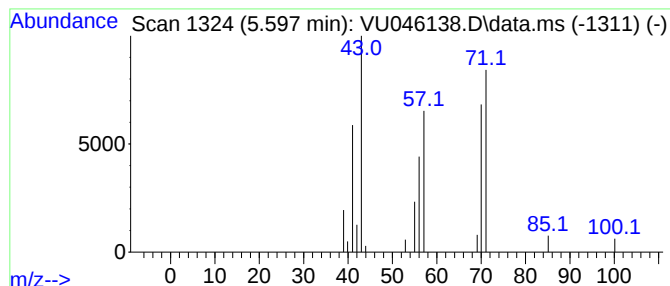
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.597	2.70 ug/L	29181	1,4-Difluorobenzene	6.253

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5		Pentane, 3-ethyl-	100	C7H16	000617-78-7	58



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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

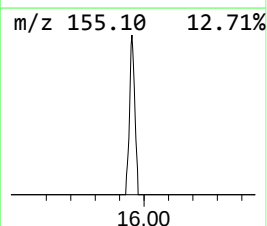
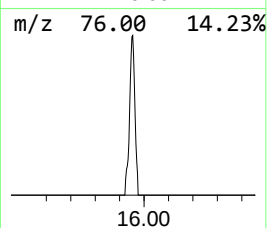
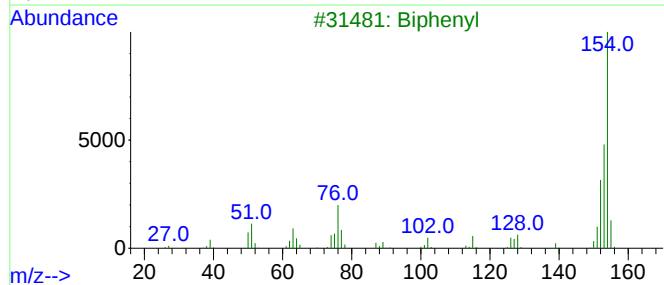
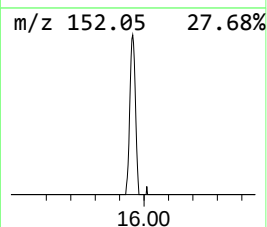
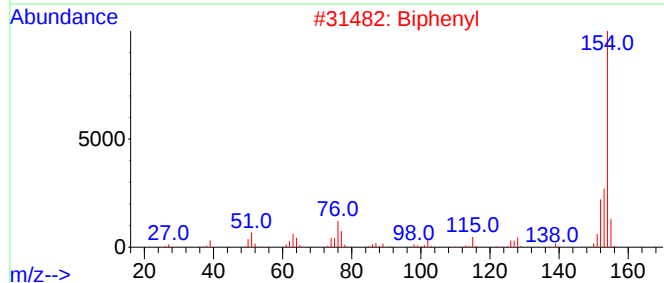
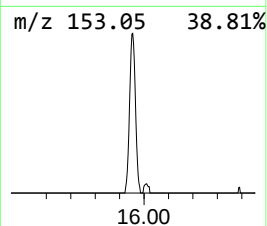
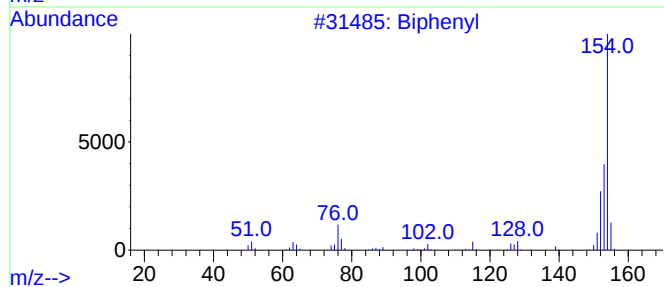
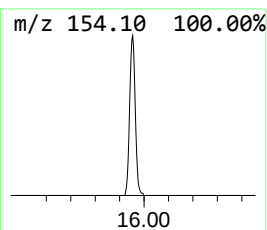
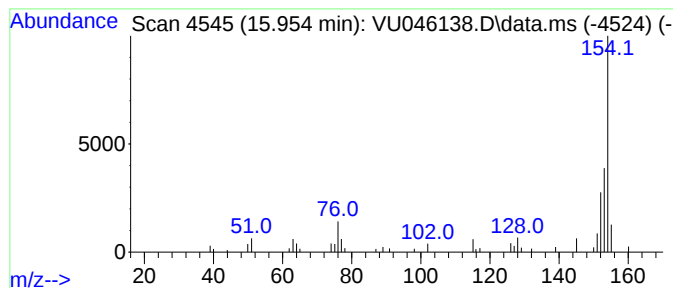
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.954	3.00 ug/L	44746	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl			154	C12H10	000092-52-4	95
2	Biphenyl			154	C12H10	000092-52-4	94
3	Biphenyl			154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-			154	C12H10	000827-54-3	87
5	Biphenyl			154	C12H10	000092-52-4	87



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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
Ethyl ether	2.379	3.4	ug/L	36194	1	6.253	540738	50.0
(DEL) Alkane: S...	5.597	2.7	ug/L	29181	1	6.253	540738	50.0
Biphenyl	15.954	3.0	ug/L	44746	3	11.812	744572	50.0