

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060203.D
 Acq On : 26 Jul 2024 04:12
 Operator : MD/SY
 Sample : P3347-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW7

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\SFAMULM070224WMA.M

Title : VOC Analysis

Signal : TIC: VU060203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	88	95	110	rVB	108351	124389	6.03%	1.260%
2	1.907	185	192	208	rVB	86368	119711	5.80%	1.213%
3	2.560	383	395	411	rBV	154579	254421	12.33%	2.578%
4	2.792	459	467	472	rBV2	987	1585	0.08%	0.016%
5	2.914	502	505	507	rBV2	284	228	0.01%	0.002%
6	3.036	536	543	544	rBV3	1881	1908	0.09%	0.019%
7	3.177	577	587	595	rBV4	1665	3330	0.16%	0.034%
8	3.309	624	628	631	rBV2	237	226	0.01%	0.002%
9	3.393	649	654	659	rBV2	306	390	0.02%	0.004%
10	3.567	704	708	710	rBV2	291	242	0.01%	0.002%
11	3.644	729	732	735	rBV2	249	207	0.01%	0.002%
12	3.808	779	783	785	rBV2	186	157	0.01%	0.002%
13	3.888	804	808	809	rBV2	262	136	0.01%	0.001%
14	3.936	817	823	825	rBV2	229	200	0.01%	0.002%
15	4.091	868	871	873	rBV2	170	149	0.01%	0.002%
16	4.139	878	886	889	rBV2	238	363	0.02%	0.004%
17	4.165	889	894	897	rBV2	160	189	0.01%	0.002%
18	4.364	954	956	959	rVB2	230	143	0.01%	0.001%
19	4.473	985	990	993	rBV2	317	325	0.02%	0.003%
20	4.496	993	997	1000	rBV2	235	180	0.01%	0.002%
21	4.547	1006	1013	1016	rBV	291	261	0.01%	0.003%
22	4.566	1016	1019	1022	rBV	213	207	0.01%	0.002%
23	4.621	1026	1036	1066	rBV	65091	173879	8.43%	1.762%
24	5.055	1154	1171	1195	rBV	132045	295340	14.32%	2.992%
25	5.325	1251	1255	1258	rBV	201	197	0.01%	0.002%
26	5.454	1292	1295	1298	rVB2	204	132	0.01%	0.001%
27	5.483	1301	1304	1307	rBV	289	227	0.01%	0.002%
28	5.557	1324	1327	1330	rBV	202	154	0.01%	0.002%
29	5.718	1357	1377	1410	rBV2	282113	769851	37.32%	7.800%
30	6.046	1476	1479	1482	rVV	211	171	0.01%	0.002%
31	6.152	1508	1512	1513	rBV	203	113	0.01%	0.001%
32	6.242	1527	1540	1569	rBV	300192	582601	28.24%	5.903%
33	6.486	1614	1616	1621	rBV2	281	255	0.01%	0.003%
34	6.531	1621	1630	1633	rBV5	2120	3012	0.15%	0.031%
35	6.589	1644	1648	1651	rVB2	285	271	0.01%	0.003%
36	6.682	1659	1677	1698	rBV2	172488	344522	16.70%	3.491%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Title : VOC Analysis

37	6.827	1720	1722	1726	rBV	247	142	0.01%	0.001%
38	6.885	1737	1740	1742	rBV	233	161	0.01%	0.002%
39	7.017	1777	1781	1785	rBV	294	193	0.01%	0.002%
40	7.049	1785	1791	1794	rBV2	236	306	0.01%	0.003%
41	7.097	1803	1806	1810	rBV	233	209	0.01%	0.002%
42	7.142	1814	1820	1827	rVB2	319	592	0.03%	0.006%
43	7.181	1827	1832	1834	rBV	244	224	0.01%	0.002%
44	7.393	1895	1898	1903	rBV2	228	292	0.01%	0.003%
45	7.508	1930	1934	1938	rBV2	271	223	0.01%	0.002%
46	7.560	1938	1950	1967	rBV	82846	148891	7.22%	1.509%
47	7.891	2037	2053	2075	rBV	326204	574862	27.87%	5.824%
48	8.174	2131	2141	2164	rBV	53382	98377	4.77%	0.997%
49	8.312	2182	2184	2192	rBV3	385	395	0.02%	0.004%
50	8.531	2249	2252	2255	rBV2	199	186	0.01%	0.002%
51	8.553	2255	2259	2262	rVV2	388	323	0.02%	0.003%
52	8.631	2272	2283	2311	rBV2	174420	359068	17.41%	3.638%
53	8.930	2373	2376	2378	rBV2	286	140	0.01%	0.001%
54	9.042	2409	2411	2413	rBV	208	132	0.01%	0.001%
55	9.068	2417	2419	2421	rBV	215	143	0.01%	0.001%
56	9.135	2436	2440	2444	rBV	279	246	0.01%	0.002%
57	9.299	2487	2491	2493	rBV	207	161	0.01%	0.002%
58	9.341	2501	2504	2506	rBV	267	193	0.01%	0.002%
59	9.412	2514	2526	2550	rBV	432177	727985	35.29%	7.376%
60	9.688	2607	2612	2614	rBV2	925	843	0.04%	0.009%
61	9.814	2645	2651	2653	rBV	129	137	0.01%	0.001%
62	9.833	2655	2657	2658	rBV	309	119	0.01%	0.001%
63	9.962	2693	2697	2699	rBV	221	163	0.01%	0.002%
64	9.984	2699	2704	2708	rVB2	312	309	0.01%	0.003%
65	10.007	2708	2711	2719	rVB2	296	272	0.01%	0.003%
66	10.055	2721	2726	2728	rBV	253	224	0.01%	0.002%
67	10.106	2736	2742	2747	rBV2	563	669	0.03%	0.007%
68	10.184	2763	2766	2769	rBV2	246	186	0.01%	0.002%
69	10.518	2867	2870	2873	rBV2	241	156	0.01%	0.002%
70	10.579	2886	2889	2892	rBV2	238	185	0.01%	0.002%
71	10.634	2904	2906	2909	rBV	205	117	0.01%	0.001%
72	10.750	2930	2942	2965	rVV	246081	401600	19.47%	4.069%
73	10.888	2978	2985	2995	rVB3	2261	3357	0.16%	0.034%
74	11.007	3017	3022	3024	rBV	240	223	0.01%	0.002%
75	11.081	3040	3045	3047	rBV2	569	522	0.03%	0.005%
76	11.171	3070	3073	3075	rBV2	257	174	0.01%	0.002%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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Peak Location: TOP

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 Title : VOC Analysis

77	11.357	3127	3131	3133	rBV	253	193	0.01%	0.002%
78	11.473	3159	3167	3175	rBV6	1325	2161	0.10%	0.022%
79	11.621	3211	3213	3216	rBV2	260	177	0.01%	0.002%
80	11.701	3236	3238	3239	rBV	248	132	0.01%	0.001%
81	11.730	3239	3247	3258	rVV	4175	6268	0.30%	0.064%
82	11.807	3259	3271	3291	rBV	380419	624631	30.28%	6.329%
83	12.016	3333	3336	3341	rVB	308	223	0.01%	0.002%
84	12.090	3346	3359	3372	rVB8	4859	9570	0.46%	0.097%
85	12.187	3377	3389	3413	rBV	299189	491463	23.82%	4.979%
86	12.309	3422	3427	3445	rVB3	10518	17680	0.86%	0.179%
87	12.621	3521	3524	3527	rVB	346	234	0.01%	0.002%
88	12.923	3608	3618	3632	rVB5	3651	7457	0.36%	0.076%
89	12.981	3632	3636	3643	rBV2	518	461	0.02%	0.005%
90	13.042	3647	3655	3664	rVB4	2331	4103	0.20%	0.042%
91	13.421	3770	3773	3777	rBV	274	231	0.01%	0.002%
92	13.447	3777	3781	3784	rBV2	545	542	0.03%	0.005%
93	13.630	3835	3838	3844	rVB4	790	778	0.04%	0.008%
94	14.081	3964	3978	4004	rBV	1327517	2062993	100.00%	20.902%
95	14.203	4006	4016	4033	rVB	82796	142389	6.90%	1.443%
96	14.560	4125	4127	4129	rBV2	537	347	0.02%	0.004%
97	15.216	4320	4331	4357	rVB	409613	673700	32.66%	6.826%
98	15.402	4378	4389	4411	rVB	294104	484796	23.50%	4.912%
99	15.949	4551	4559	4574	rVB3	42606	68243	3.31%	0.691%
100	17.090	4904	4914	4935	rBV	157617	268868	13.03%	2.724%

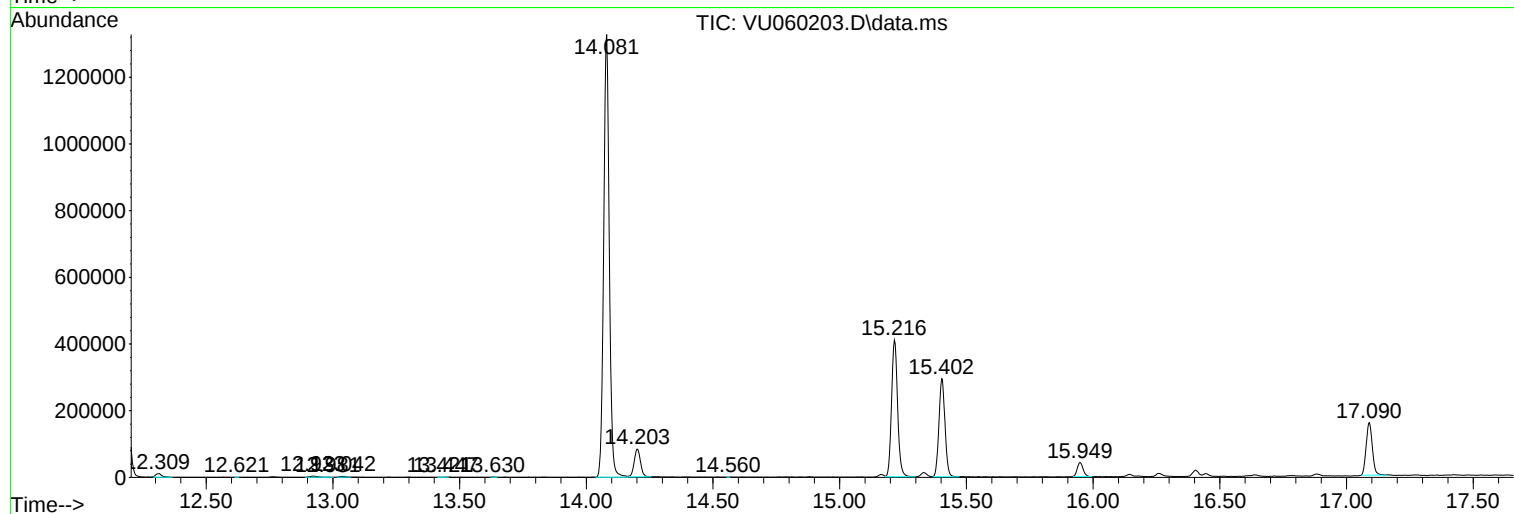
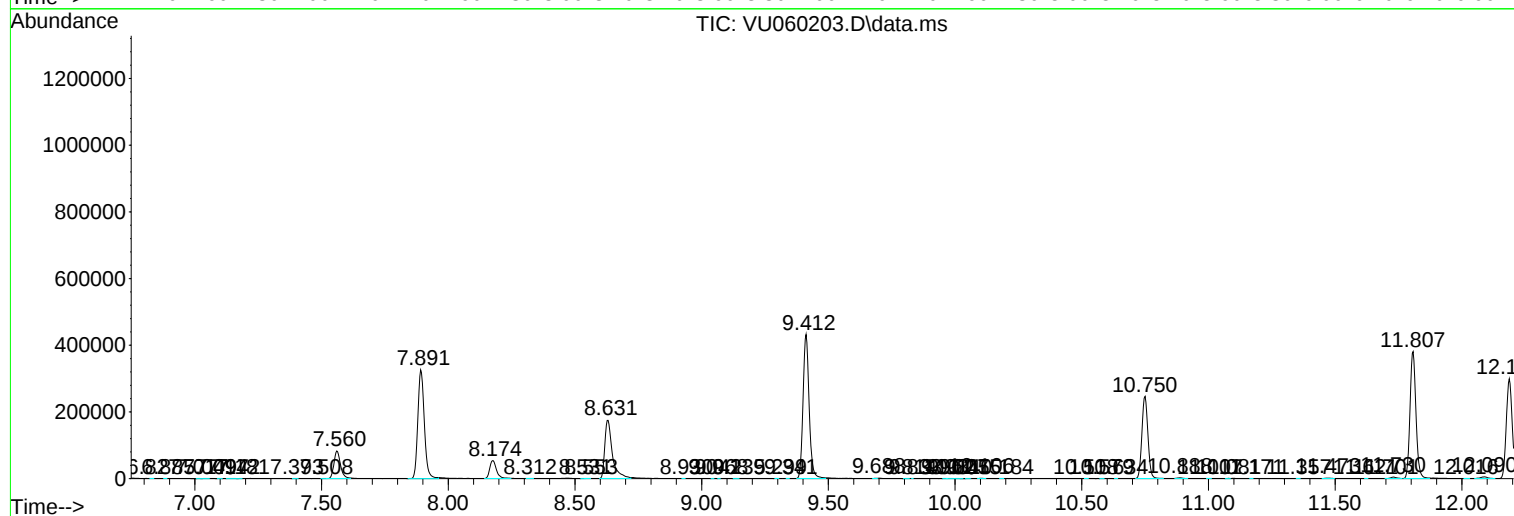
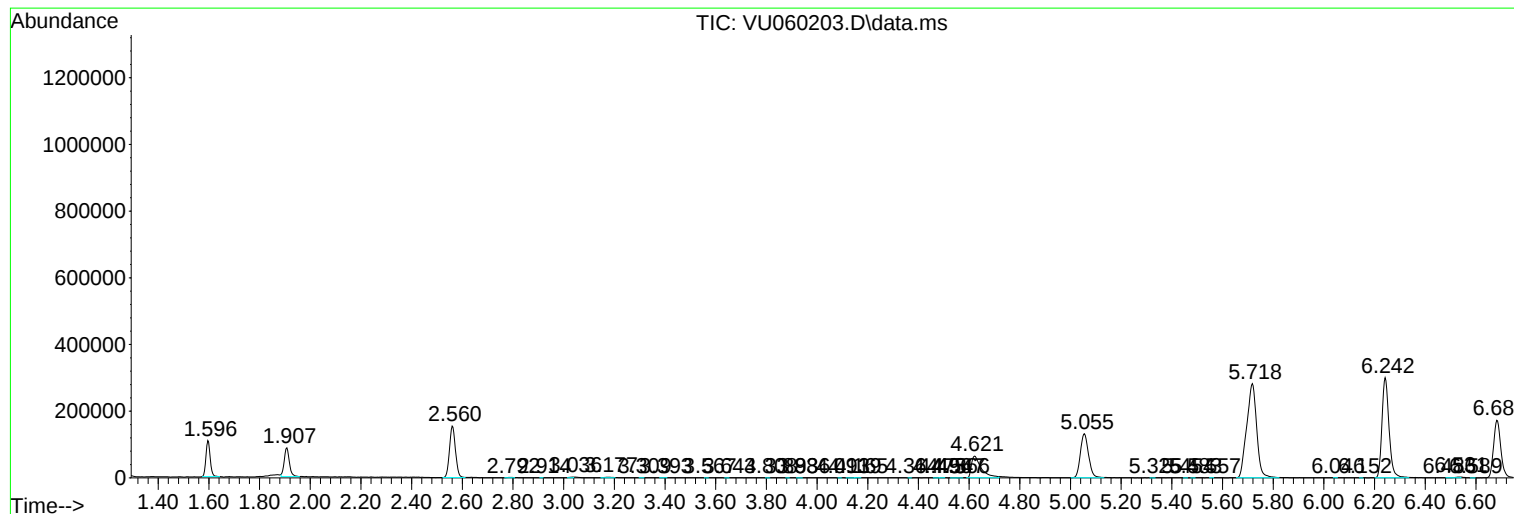
Sum of corrected areas: 9870012

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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



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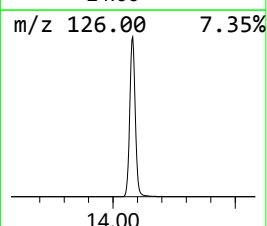
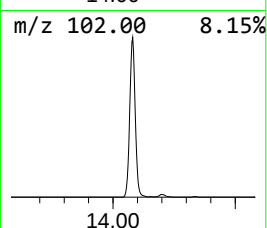
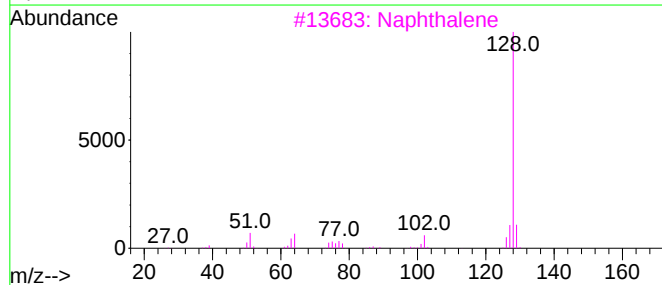
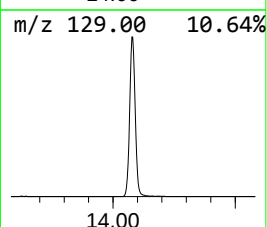
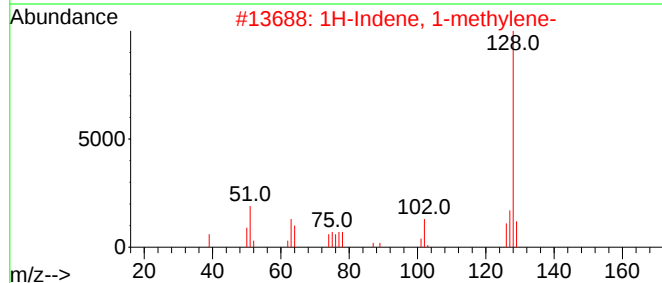
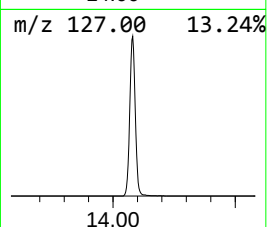
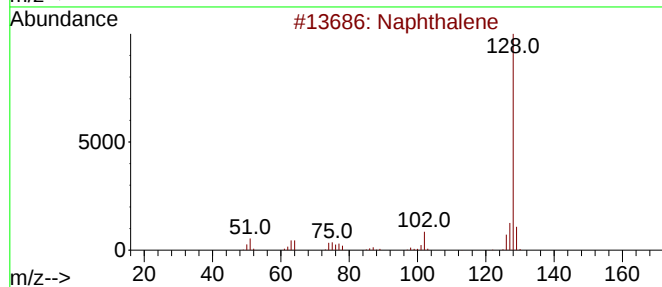
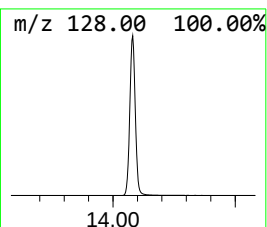
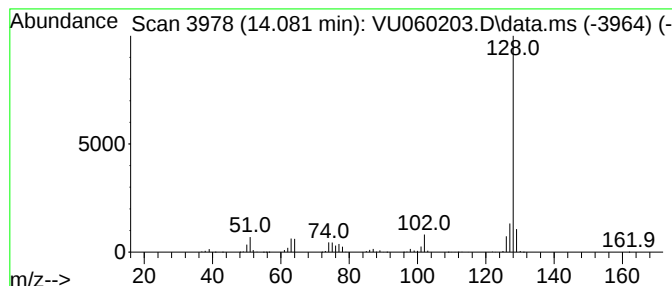
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 1H-Indene, 1-methylene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	165.14 ug/L	2062990	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3			Naphthalene	128	C10H8	000091-20-3	94
4			Azulene	128	C10H8	000275-51-4	93
5			Azulene	128	C10H8	000275-51-4	91



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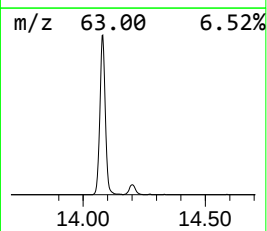
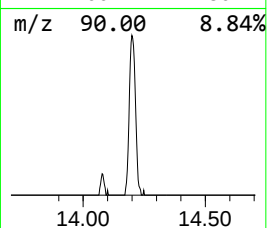
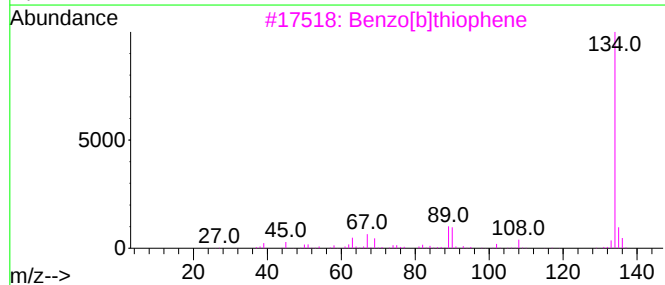
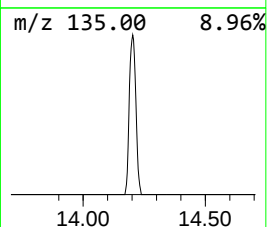
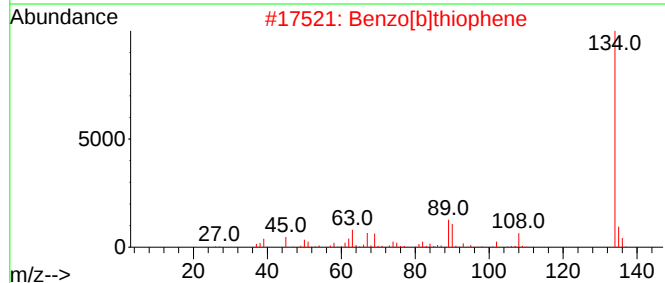
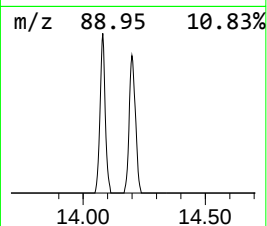
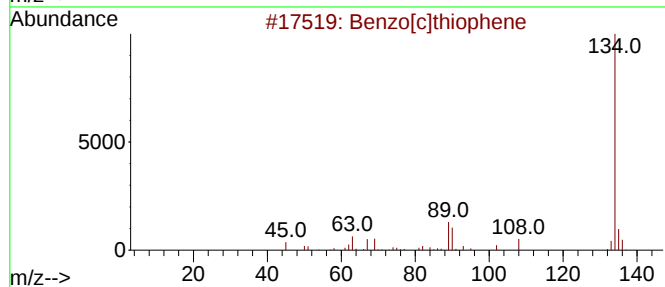
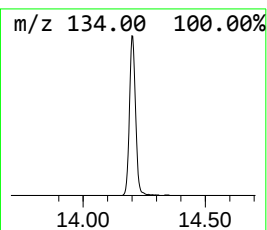
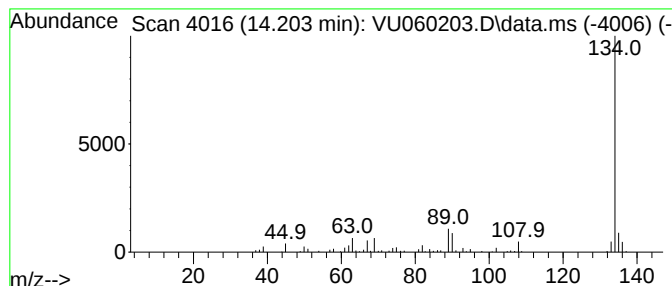
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.203	11.40 ug/L	142389	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	91



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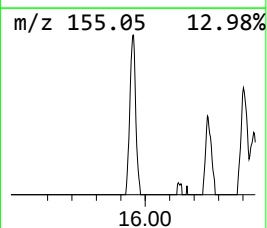
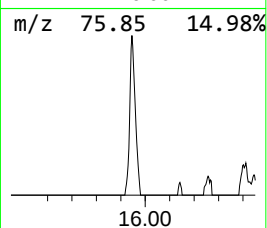
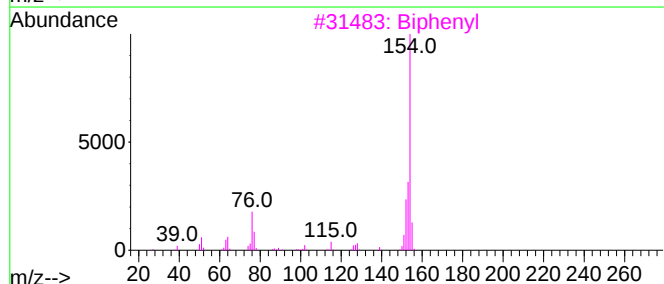
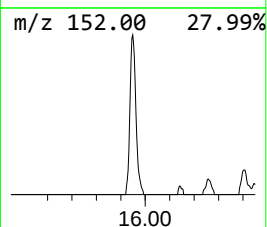
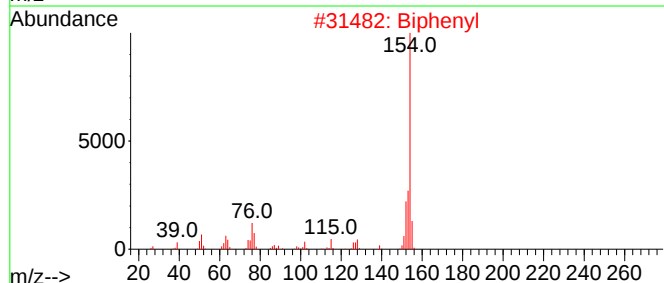
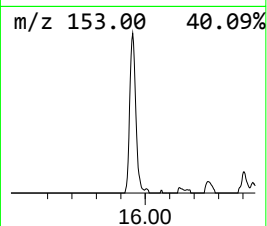
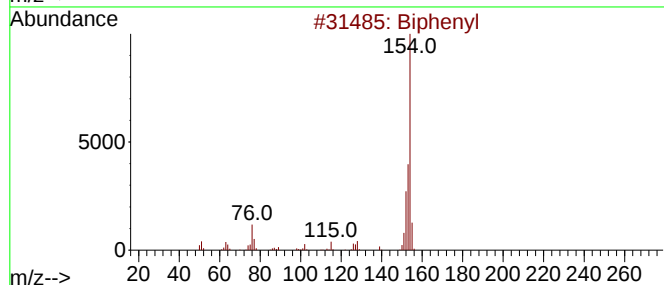
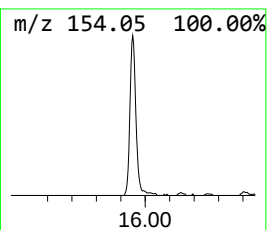
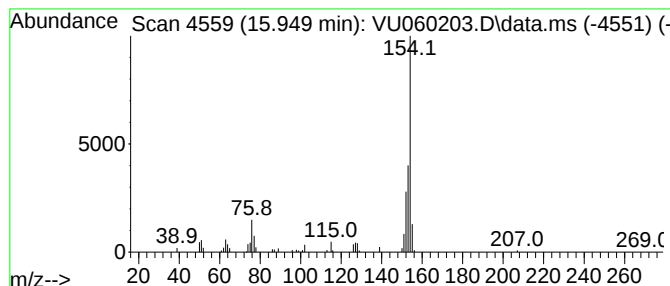
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.949	5.46 ug/L	68243	1,4-Dichlorobenzene-d4	11.807

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			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060203.D
Acq On : 26 Jul 2024 04:12
Operator : MD/SY
Sample : P3347-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW7

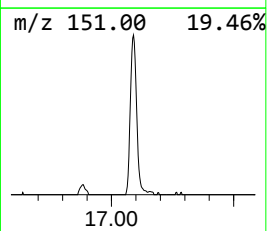
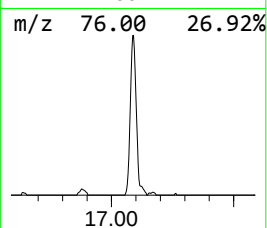
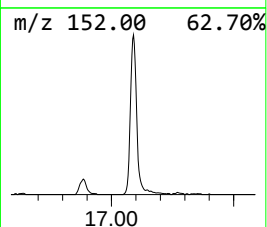
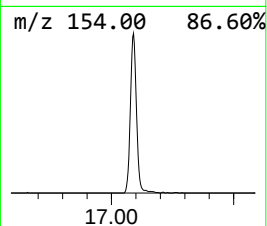
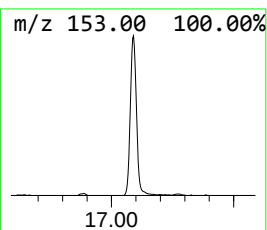
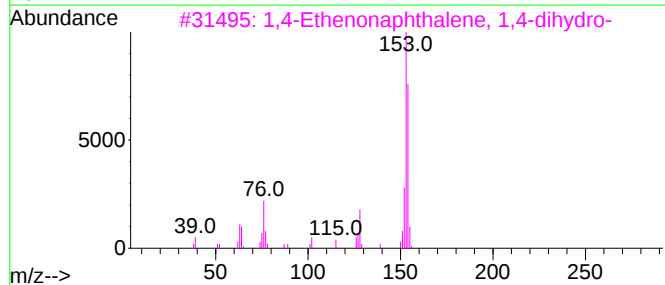
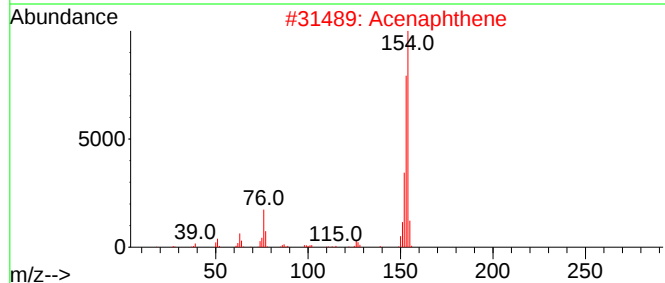
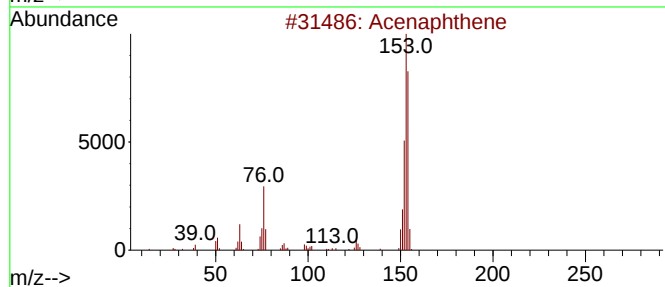
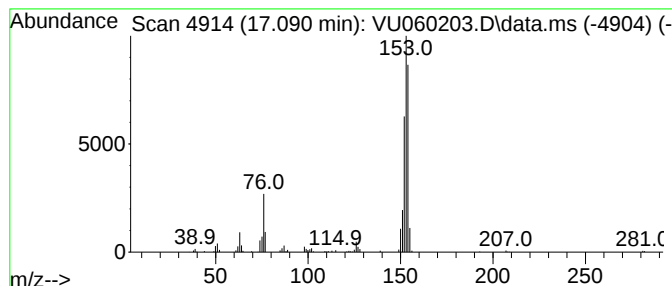
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Quant Title : VOC Analysis

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

Peak Number 7 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	21.52 ug/L	268868	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	76
2			Acenaphthene	154	C12H10	000083-32-9	76
3			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
4			Acenaphthene	154	C12H10	000083-32-9	64
5			Acenaphthene	154	C12H10	000083-32-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060203.D
Acq On : 26 Jul 2024 04:12
Operator : MD/SY
Sample : P3347-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.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
1H-Indene, 1-me...	14.081	165.1	ug/L	2062990	3	11.807	624631	50.0
Benzo[c]thiophene	14.203	11.4	ug/L	142389	3	11.807	624631	50.0
Naphthalene, 2-...	15.949	5.5	ug/L	68243	3	11.807	624631	50.0
1,4-Ethenonapht...	17.090	21.5	ug/L	268868	3	11.807	624631	50.0