

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060205.D
 Acq On : 26 Jul 2024 04:59
 Operator : MD/SY
 Sample : P3347-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ0

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: VU060205.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	106	rBV	102307	116961	2.37%	0.938%
2	1.904	185	191	210	rVB	82502	117742	2.39%	0.944%
3	2.560	384	395	411	rBV	153782	246965	5.00%	1.981%
4	3.084	556	558	560	rBV2	371	187	0.00%	0.001%
5	3.136	570	574	575	rBV	310	228	0.00%	0.002%
6	3.306	623	627	632	rBV2	368	418	0.01%	0.003%
7	3.341	633	638	641	rBV3	444	382	0.01%	0.003%
8	3.441	665	669	672	rBV2	369	299	0.01%	0.002%
9	3.460	672	675	677	rBV2	262	153	0.00%	0.001%
10	3.573	707	710	711	rBV	197	114	0.00%	0.001%
11	3.586	711	714	716	rBV	173	124	0.00%	0.001%
12	3.692	742	747	750	rBV2	345	295	0.01%	0.002%
13	3.808	779	783	788	rBV2	236	236	0.00%	0.002%
14	3.862	796	800	801	rBV	247	156	0.00%	0.001%
15	3.907	812	814	817	rBV2	143	87	0.00%	0.001%
16	3.988	836	839	843	rVB2	216	152	0.00%	0.001%
17	4.123	875	881	886	rBV2	242	276	0.01%	0.002%
18	4.419	969	973	975	rBV	241	186	0.00%	0.001%
19	4.480	986	992	997	rBV2	225	294	0.01%	0.002%
20	4.518	1001	1004	1006	rBV	230	120	0.00%	0.001%
21	4.621	1026	1036	1061	rBV	69431	179710	3.64%	1.441%
22	5.055	1155	1171	1200	rBV	132690	294493	5.97%	2.362%
23	5.203	1215	1217	1221	rVV2	289	204	0.00%	0.002%
24	5.248	1228	1231	1234	rBV2	354	203	0.00%	0.002%
25	5.283	1238	1242	1244	rBV	176	146	0.00%	0.001%
26	5.312	1248	1251	1255	rBV	338	262	0.01%	0.002%
27	5.367	1264	1268	1271	rBV2	271	202	0.00%	0.002%
28	5.390	1271	1275	1279	rBV2	164	210	0.00%	0.002%
29	5.460	1295	1297	1300	rBV	227	102	0.00%	0.001%
30	5.502	1305	1310	1317	rVB	211	262	0.01%	0.002%
31	5.544	1317	1323	1325	rBV	244	187	0.00%	0.001%
32	5.583	1333	1335	1337	rVB	164	82	0.00%	0.001%
33	5.599	1337	1340	1342	rVB	166	101	0.00%	0.001%
34	5.624	1346	1348	1352	rBB2	153	85	0.00%	0.001%
35	5.718	1356	1377	1413	rBV2	280351	767042	15.54%	6.152%
36	6.029	1472	1474	1477	rBV	309	207	0.00%	0.002%

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 COAZO

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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

37	6.071	1484	1487	1489	rBV2	194	114	0.00%	0.001%
38	6.148	1508	1511	1515	rBV2	213	208	0.00%	0.002%
39	6.242	1525	1540	1565	rBV	308624	596798	12.09%	4.787%
40	6.512	1622	1624	1625	rBV	423	186	0.00%	0.001%
41	6.631	1658	1661	1663	rBV	263	181	0.00%	0.001%
42	6.682	1664	1677	1701	rVV	172814	340800	6.91%	2.734%
43	6.795	1709	1712	1715	rBV2	367	280	0.01%	0.002%
44	6.846	1723	1728	1729	rBV	219	119	0.00%	0.001%
45	6.878	1736	1738	1739	rBV	293	87	0.00%	0.001%
46	6.917	1747	1750	1754	rBV	222	147	0.00%	0.001%
47	6.968	1762	1766	1769	rBV	196	162	0.00%	0.001%
48	7.206	1832	1840	1843	rBV3	736	821	0.02%	0.007%
49	7.296	1866	1868	1871	rBB	136	96	0.00%	0.001%
50	7.316	1871	1874	1879	rVB2	271	220	0.00%	0.002%
51	7.412	1901	1904	1905	rBV	163	99	0.00%	0.001%
52	7.441	1909	1913	1916	rBV	195	158	0.00%	0.001%
53	7.560	1938	1950	1971	rBV	82127	150285	3.05%	1.205%
54	7.705	1992	1995	1996	rBV	426	292	0.01%	0.002%
55	7.798	2020	2024	2028	rVB2	391	311	0.01%	0.002%
56	7.820	2028	2031	2033	rBV	265	182	0.00%	0.001%
57	7.849	2037	2040	2041	rBV	179	110	0.00%	0.001%
58	7.891	2041	2053	2073	rBV	327823	572739	11.61%	4.594%
59	8.174	2129	2141	2166	rBV	56402	99906	2.02%	0.801%
60	8.550	2255	2258	2260	rBV2	371	190	0.00%	0.002%
61	8.627	2272	2282	2314	rBV3	189041	387846	7.86%	3.111%
62	9.000	2394	2398	2403	rBV2	223	243	0.00%	0.002%
63	9.036	2408	2409	2412	rBV	230	89	0.00%	0.001%
64	9.132	2436	2439	2441	rBV2	210	114	0.00%	0.001%
65	9.174	2449	2452	2454	rBV2	264	213	0.00%	0.002%
66	9.412	2513	2526	2556	rBV	434630	738108	14.96%	5.920%
67	9.569	2567	2575	2587	rVB2	12479	19477	0.39%	0.156%
68	9.692	2604	2613	2626	rVB3	12618	21285	0.43%	0.171%
69	9.981	2701	2703	2704	rBV3	206	92	0.00%	0.001%
70	10.045	2719	2723	2726	rBV	207	223	0.00%	0.002%
71	10.100	2731	2740	2751	rVB2	9910	15756	0.32%	0.126%
72	10.190	2764	2768	2774	rVB2	325	370	0.01%	0.003%
73	10.531	2869	2874	2879	rBV2	343	371	0.01%	0.003%
74	10.749	2930	2942	2957	rBV	249348	403775	8.18%	3.239%
75	10.888	2978	2985	2995	rVB3	3058	5069	0.10%	0.041%
76	10.994	3011	3018	3024	rBV2	4974	7123	0.14%	0.057%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : VOC Analysis

77	11.087	3040	3047	3058	rVB3	5839	8564	0.17%	0.069%
78	11.132	3058	3061	3066	rBV	247	215	0.00%	0.002%
79	11.293	3103	3111	3120	rBV3	1628	2608	0.05%	0.021%
80	11.354	3125	3130	3132	rBV2	282	233	0.00%	0.002%
81	11.399	3142	3144	3146	rBV	193	116	0.00%	0.001%
82	11.467	3155	3165	3174	rBV2	14077	20413	0.41%	0.164%
83	11.524	3180	3183	3184	rBV	202	123	0.00%	0.001%
84	11.611	3207	3210	3213	rBV2	263	188	0.00%	0.002%
85	11.807	3258	3271	3290	rBV	406101	662793	13.43%	5.316%
86	12.003	3329	3332	3333	rBV	274	150	0.00%	0.001%
87	12.087	3340	3358	3376	rBV	253743	438801	8.89%	3.520%
88	12.187	3378	3389	3408	rVB	324702	535871	10.86%	4.298%
89	12.569	3498	3508	3515	rBV4	1582	2632	0.05%	0.021%
90	12.675	3534	3541	3555	rVB4	8576	12614	0.26%	0.101%
91	12.923	3609	3618	3626	rBV2	7773	11497	0.23%	0.092%
92	13.029	3641	3651	3670	rBV4	15355	33177	0.67%	0.266%
93	13.290	3725	3732	3740	rVB3	7507	9922	0.20%	0.080%
94	13.450	3773	3782	3792	rVB3	14958	22393	0.45%	0.180%
95	13.627	3830	3837	3849	rVB7	3708	6305	0.13%	0.051%
96	14.077	3964	3977	4002	rBV	3174799	4934644	100.00%	39.581%
97	14.200	4007	4015	4029	rVB	83775	136128	2.76%	1.092%
98	15.219	4321	4332	4350	rVB	172821	278416	5.64%	2.233%
99	15.402	4379	4389	4404	rBV	141138	229952	4.66%	1.844%
100	15.952	4553	4560	4574	rVB2	15753	25894	0.52%	0.208%

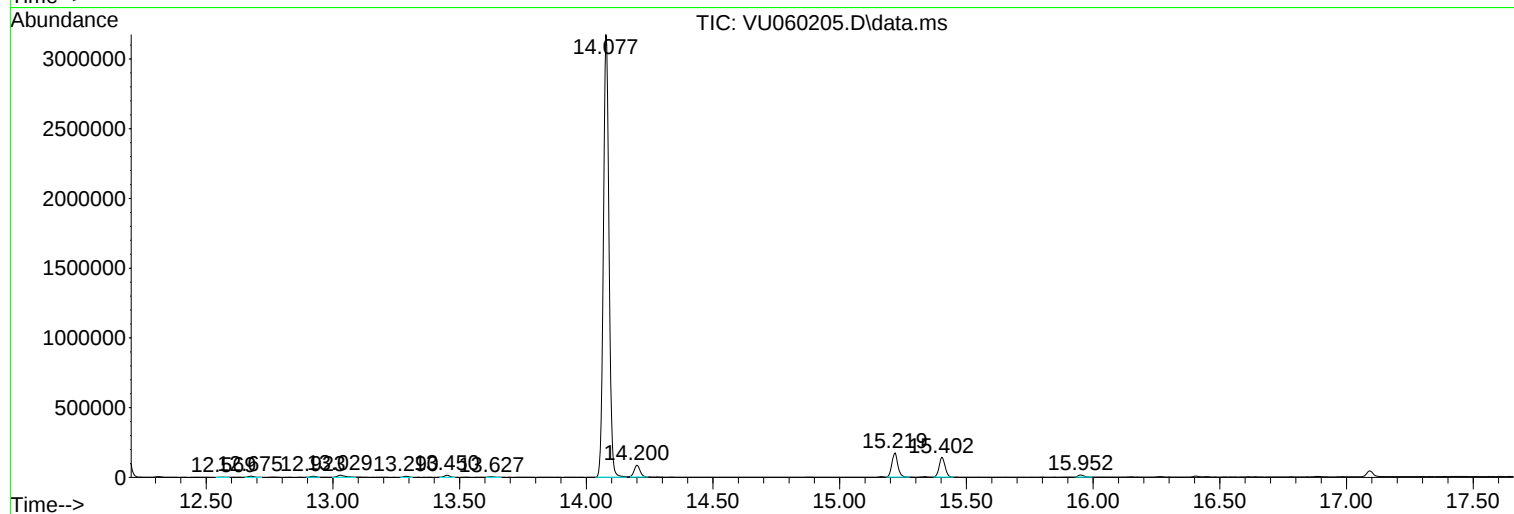
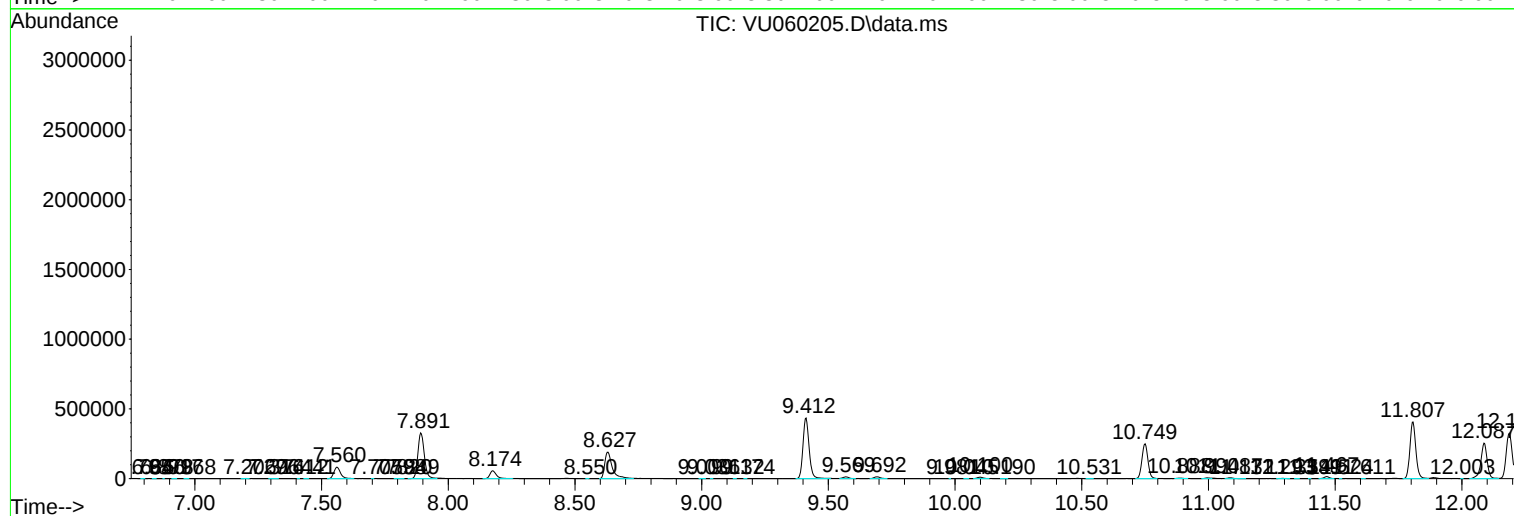
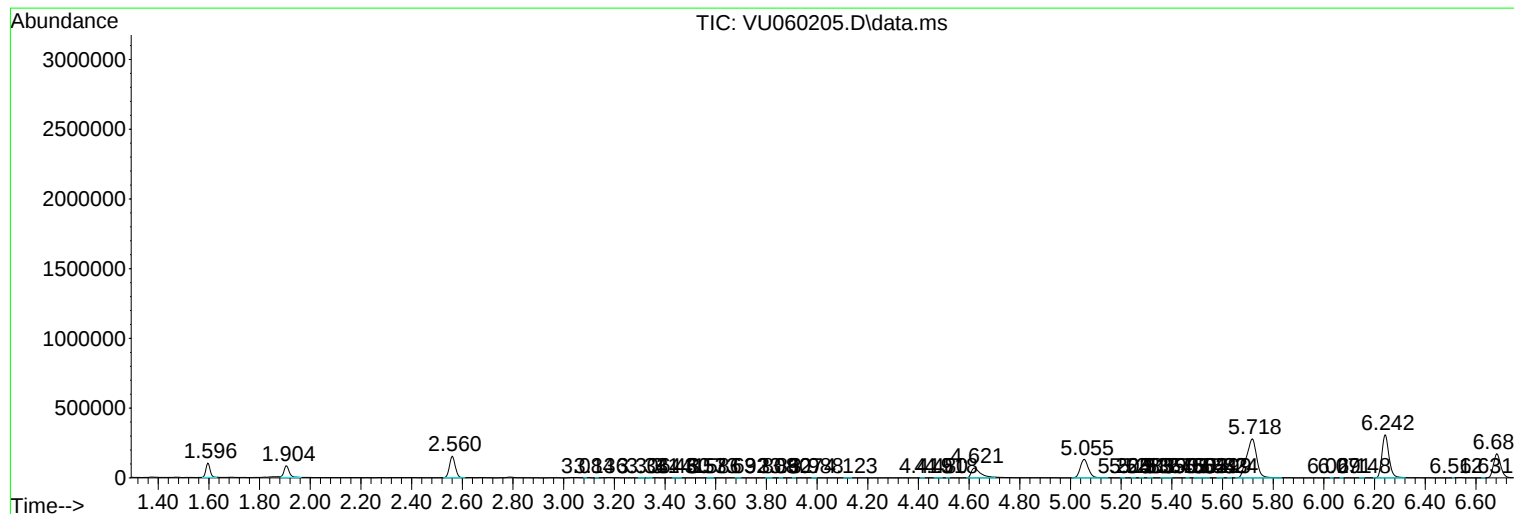
Sum of corrected areas: 12467167

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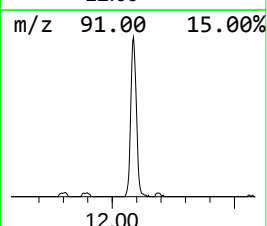
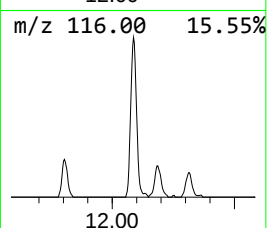
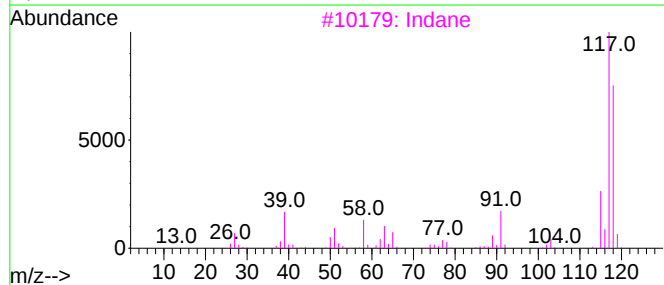
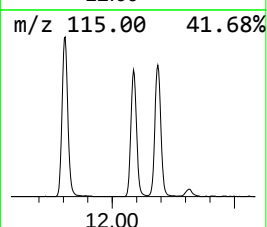
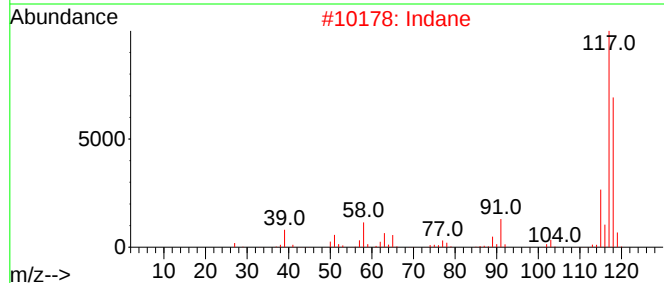
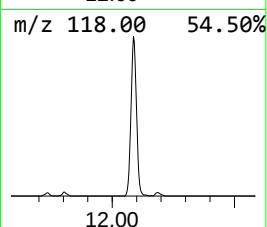
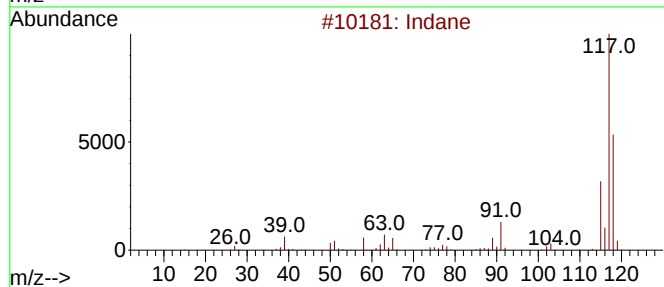
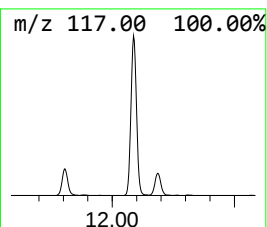
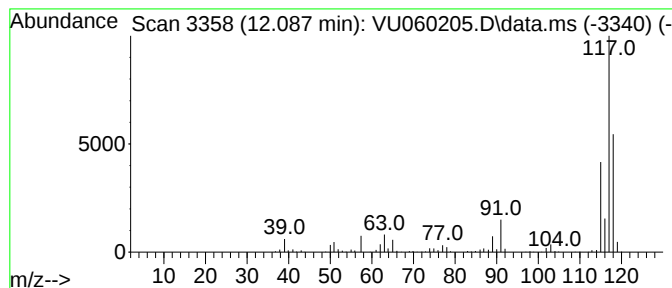
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	33.10 ug/L	438801	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	94
2	Indane			118	C9H10	000496-11-7	93
3	Indane			118	C9H10	000496-11-7	76
4	7-Methylenecycloocta-1,3,5-triene			118	C9H10	002570-13-0	64
5	Benzene, (2-bromocyclopropyl)-			196	C9H9Br	036617-02-4	59



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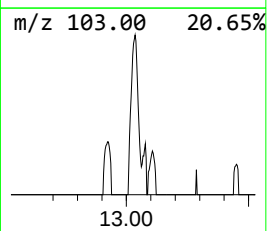
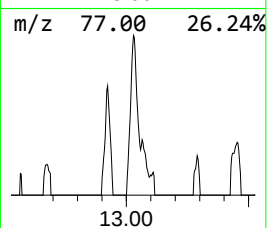
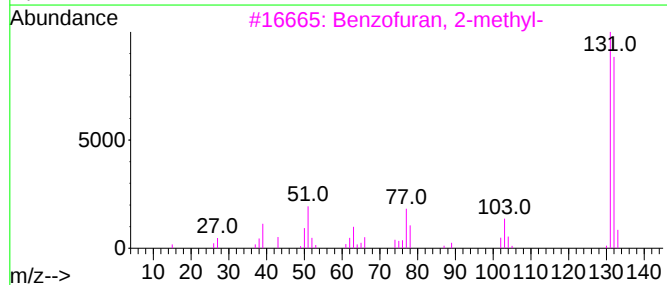
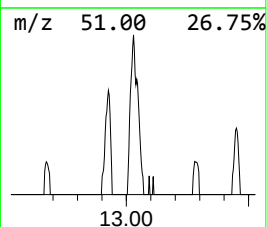
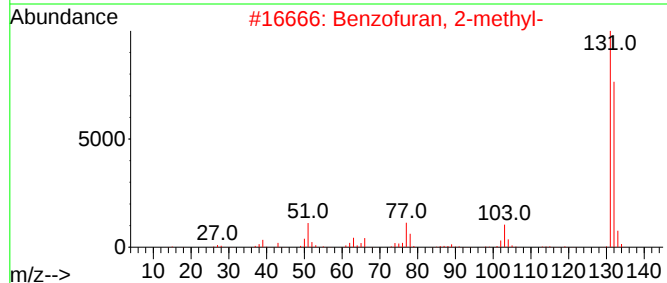
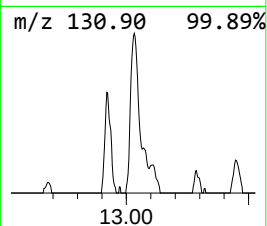
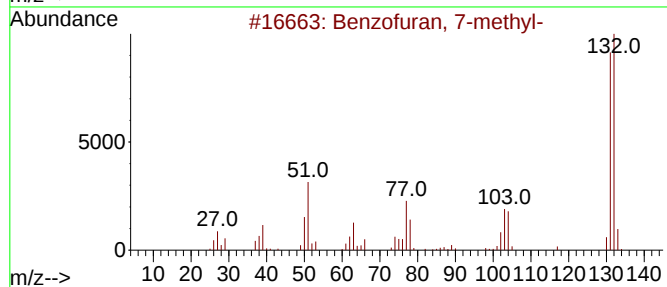
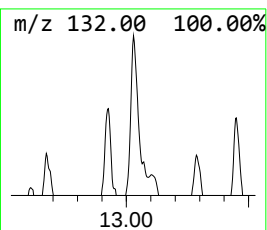
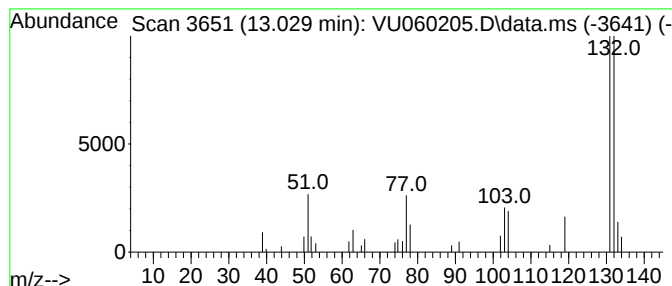
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.029	2.50 ug/L	33177	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5			1H-Indenol	132	C9H8O	056631-57-3	87



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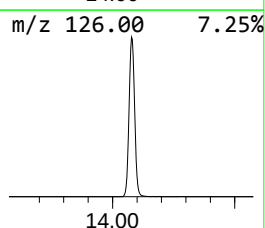
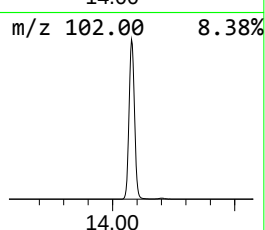
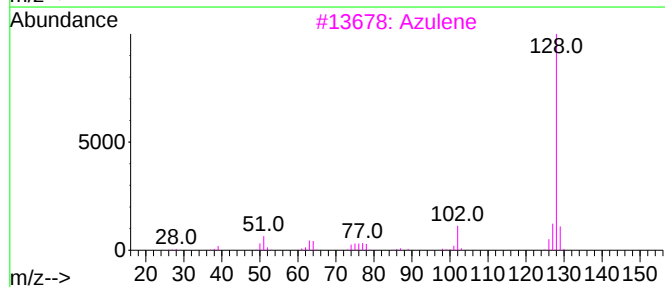
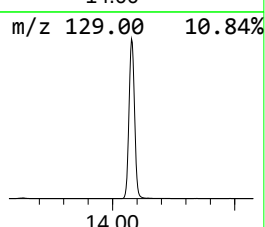
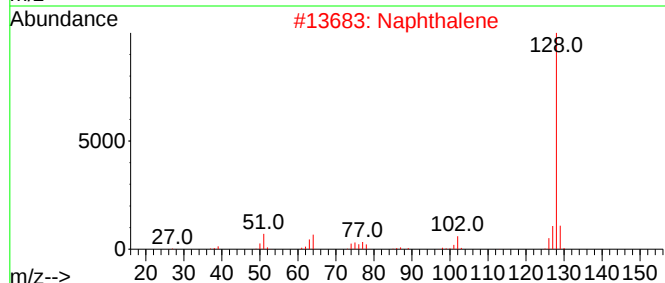
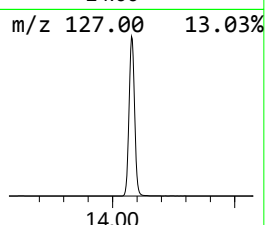
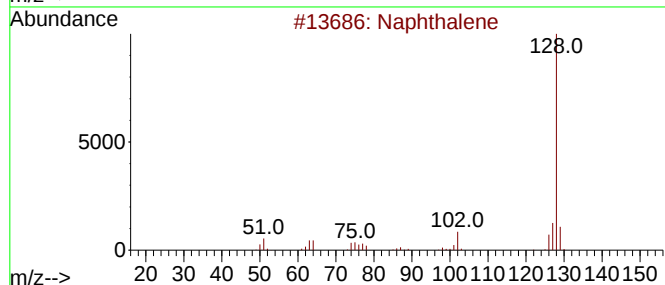
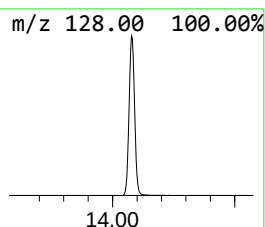
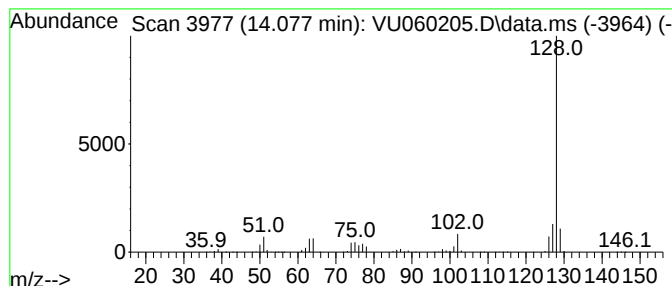
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	372.26 ug/L	4934640	1,4-Dichlorobenzene-d4	11.807

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060205.D
Acq On : 26 Jul 2024 04:59
Operator : MD/SY
Sample : P3347-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ0

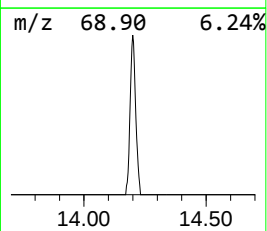
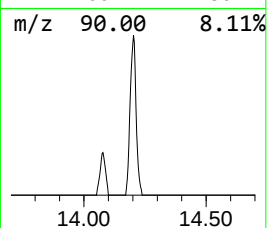
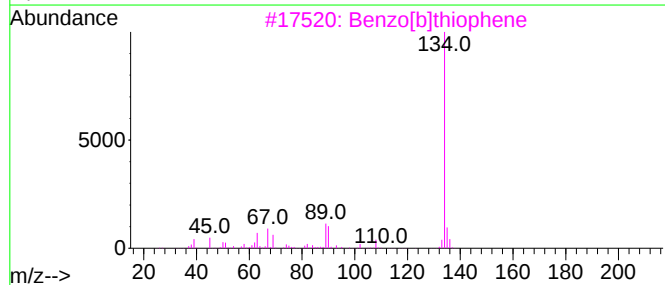
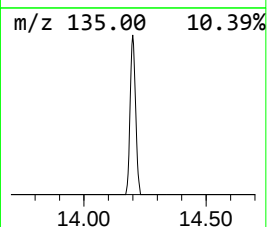
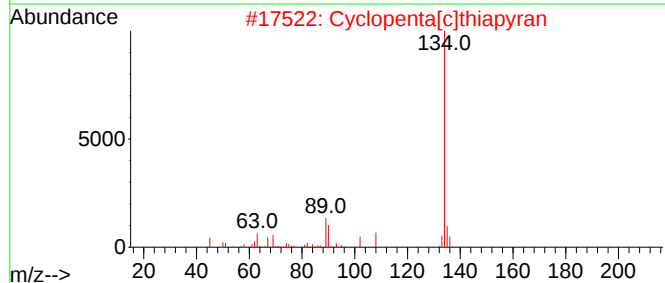
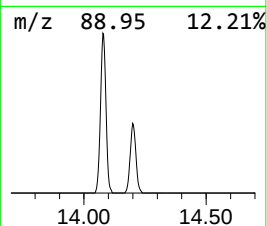
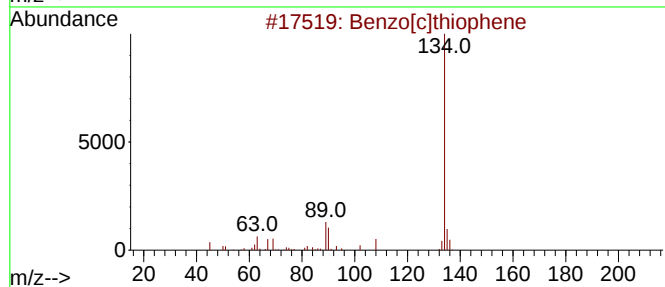
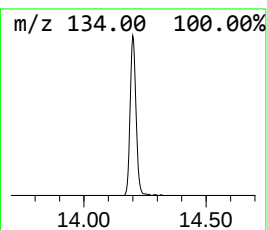
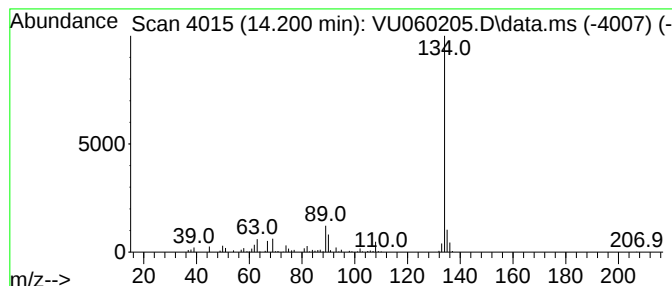
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Quant Title : VOC Analysis

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

Peak Number 5 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	10.27 ug/L	136128	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060205.D
Acq On : 26 Jul 2024 04:59
Operator : MD/SY
Sample : P3347-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ0

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
Indane	12.087	33.1	ug/L	438801	3	11.807	662793	50.0
Benzofuran, 7-m...	13.029	2.5	ug/L	33177	3	11.807	662793	50.0
Azulene	14.077	372.3	ug/L	4934640	3	11.807	662793	50.0
Benzo[c]thiophene	14.200	10.3	ug/L	136128	3	11.807	662793	50.0