LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060204.D
Acq On : 26 Jul 2024 04:36
Operator : MD/SY
Sample : P3347-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

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: VU060204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	88	95	109	rVB	103826	120579	6.21%	1.306%
2	1.904	185	191	207	rVB	86387	120499	6.21%	1.305%
3	2.560	383	395	412	rBV	150294	247303	12.74%	2.678%
4	2.785	458	465	467	rBV2	1018	1229	0.06%	0.013%
5	2.952	515	517	520	rBV2	302	161	0.01%	0.002%
6	3.039	536	544	555	rBV5	2161	4309	0.22%	0.047%
7	3.181	576	588	599	rBV2	2400	5237	0.27%	0.057%
8	3.361	641	644	645	rBV	273	162	0.01%	0.002%
9	3.396	653	655	658	rBV	274	189	0.01%	0.002%
10	3.444	667	670	674	rBV2	292	244	0.01%	0.003%
11	3.682	741	744	747	rBV	202	149	0.01%	0.002%
12	4.039	848	855	859	rVB2	248	363	0.02%	0.004%
13	4.062	859	862	866	rBV2	253	232	0.01%	0.003%
14	4.193	900	903	907	rVB2	266	220	0.01%	0.002%
15	4.293	930	934	938	rVB2	227	166	0.01%	0.002%
16	4.386	957	963	964	rVV2	247	207	0.01%	0.002%
17	4.435	975	978	981	rBV2	183	128	0.01%	0.001%
18	4.499	993	998	1001	rBV	275	285	0.01%	0.003%
19	4.621	1026	1036	1073	rBV	62520	175232	9.03%	1.898%
20	5.055	1156	1171	1199	rBV	134631	295337	15.21%	3.199%
21	5.245	1228	1230	1235	rVB	314	232	0.01%	0.003%
22	5.267	1235	1237	1239	rBV2	279	157	0.01%	0.002%
23	5.293	1242	1245	1247	rBV2	170	129	0.01%	0.001%
24	5.357	1262	1265	1269	rVB	237	150	0.01%	0.002%
25	5.595	1334	1339	1342	rBV2	253	288	0.01%	0.003%
26	5.717	1357	1377	1407	rBV2	280775	767284	39.52%	8.310%
27	6.055	1476	1482	1486	rVB3	465	524	0.03%	0.006%
28	6.078	1486	1489	1491	rBV	305	199	0.01%	0.002%
29	6.090	1491	1493	1494	rBV	306	130	0.01%	0.001%
30	6.242	1526	1540	1573	rBV	296562	572906	29.51%	6.205%
31	6.486	1610	1616	1622	rVB3	435	687	0.04%	0.007%
32	6.531	1622	1630	1640	rBV6	2826	5382	0.28%	0.058%
33	6.682	1664	1677	1703	rBV	173698	344125	17.73%	3.727%
34	6.939	1752	1757	1759	rBV	193	140	0.01%	0.002%
35	7.000	1773	1776	1778	rBV2	224	177	0.01%	0.002%
36	7.055	1790	1793	1796	rBV	290	195	0.01%	0.002%

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Sample : P3347-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY9

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

37	7.277	1858	1862	1866	rBV	244	258	0.01%	0.003%
38	7.364	1886	1889	1896	rVB	278	261	0.01%	0.003%
39	7.402	1896	1901	1907	rBV2	279	272	0.01%	0.003%
40	7.450	1911	1916	1918	rBV2	329	217	0.01%	0.002%
41	7.560	1939	1950	1972	rBV	83844	151157	7.79%	1.637%
42	7.708	1993	1996	2002	rBV3	435	387	0.02%	0.004%
43	7.750	2008	2009	2014	rBV	318	233	0.01%	0.003%
44	7.891	2038	2053	2085	rBV	327107	579105	29.83%	6.272%
45	8.174	2131	2141	2164	rVV	53215	97643	5.03%	1.058%
46	8.405	2210	2213	2216	rBV	314	212	0.01%	0.002%
47	8.463	2220	2231	2242	rVB3	2354	4388	0.23%	0.048%
48	8.505	2242	2244	2248	rVB2	212	130	0.01%	0.001%
49	8.524	2248	2250	2253	rBV2	394	245	0.01%	0.003%
50	8.550	2253	2258	2261	rBV	394	306	0.02%	0.003%
51	8.630	2272	2283	2323	rBV2	174956	361279	18.61%	3.913%
52	8.955	2381	2384	2389	rBV3	298	302	0.02%	0.003%
53	9.077	2419	2422	2427	rBV2	226	266	0.01%	0.003%
54	9.148	2438	2444	2445	rBV2	223	221	0.01%	0.002%
55	9.190	2454	2457	2460	rVV	181	121	0.01%	0.001%
56	9.241	2471	2473	2476	rVB	291	129	0.01%	0.001%
57	9.261	2476	2479	2483	rBV	317	211	0.01%	0.002%
58	9.286	2483	2487	2491	rVB2	319	315	0.02%	0.003%
59	9.319	2491	2497	2499	rBV	311	396	0.02%	0.004%
60	9.412	2514	2526	2551	rBV	416698	708522	36.50%	7.674%
61	9.611	2582	2588	2591	rBV2	330	320	0.02%	0.003%
62	9.698	2606	2615	2623	rBV5	2503	4381	0.23%	0.047%
63	9.766	2631	2636	2642	rVB	319	326	0.02%	0.004%
64	9.794	2642	2645	2647	rBV2	225	168	0.01%	0.002%
65	9.843	2657	2660	2662	rBV2	176	123	0.01%	0.001%
66	10.010	2708	2712	2716	rBV2	289	256	0.01%	0.003%
67	10.100	2731	2740	2751	rBV3	4084	6724	0.35%	0.073%
68	10.222	2775	2778	2782	rBV	292	275	0.01%	0.003%
69	10.309	2802	2805	2806	rBV	259	122	0.01%	0.001%
70	10.354	2817	2819	2822	rVB	316	162	0.01%	0.002%
71	10.479	2851	2858	2868	rVB2	7608	11675	0.60%	0.126%
72	10.634	2897	2906	2908	rBV	494	582	0.03%	0.006%
73	10.749	2929	2942	2962	rBV	246841	397194	20.46%	4.302%
74	10.852	2971	2974	2976	rBV2	341	214	0.01%	0.002%
75	10.888	2979	2985	2992	rVV5	3096	4511	0.23%	0.049%
76	10.933	2993	2999	3010	rVB5	3602	5258	0.27%	0.057%

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Sample : P3347-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY9

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

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

77	11.113	3053	3055	3059	rBV2	237	129	0.01%	0.001%
78	11.135	3059	3062	3066	rBV2	199	155	0.01%	0.002%
79	11.235	3090	3093	3098	rVB2	286	227	0.01%	0.002%
80	11.293	3102	3111	3121	rVB3	2709	4467	0.23%	0.048%
81	11.389	3138	3141	3145	rBV2	250	201	0.01%	0.002%
82	11.470	3157	3166	3175	rBV3	6853	10077	0.52%	0.109%
83	11.540	3184	3188	3193	rBV2	303	421	0.02%	0.005%
84	11.582	3198	3201	3203	rBV	227	134	0.01%	0.001%
85	11.807	3256	3271	3287	rBV	384877	621663	32.02%	6.733%
86	11.888	3290	3296	3308	rVB	29028	43632	2.25%	0.473%
87	12.087	3344	3358	3377	rBV	1253257	1941401	100.00%	21.026%
88	12.187	3379	3389	3410	rVB	328281	536158	27.62%	5.807%
89	12.675	3534	3541	3554	rVB2	14016	21397	1.10%	0.232%
90	12.920	3608	3617	3629	rBV2	26166	41558	2.14%	0.450%
91	13.032	3642	3652	3663	rBV4	29647	65687	3.38%	0.711%
92	13.289	3724	3732	3741	rVB4	8730	12753	0.66%	0.138%
93	13.450	3772	3782	3796	rBV2	24003	37644	1.94%	0.408%
94	13.634	3830	3839	3847	rVB5	2260	3997	0.21%	0.043%
95	14.080	3966	3978	4006	rBV	285009	473975	24.41%	5.133%
96	14.203	4008	4016	4031	rVB	15490	27891	1.44%	0.302%
97	15.219	4322	4332	4351	rVB	96811	160500	8.27%	1.738%
98	15.405	4380	4390	4409	rVB	60973	104752	5.40%	1.135%
99	15.952	4553	4560	4572	rVB2	14188	22310	1.15%	0.242%
100	17.090	4907	4914	4928	rVB	58985	98219	5.06%	1.064%

Sum of corrected areas: 9233151

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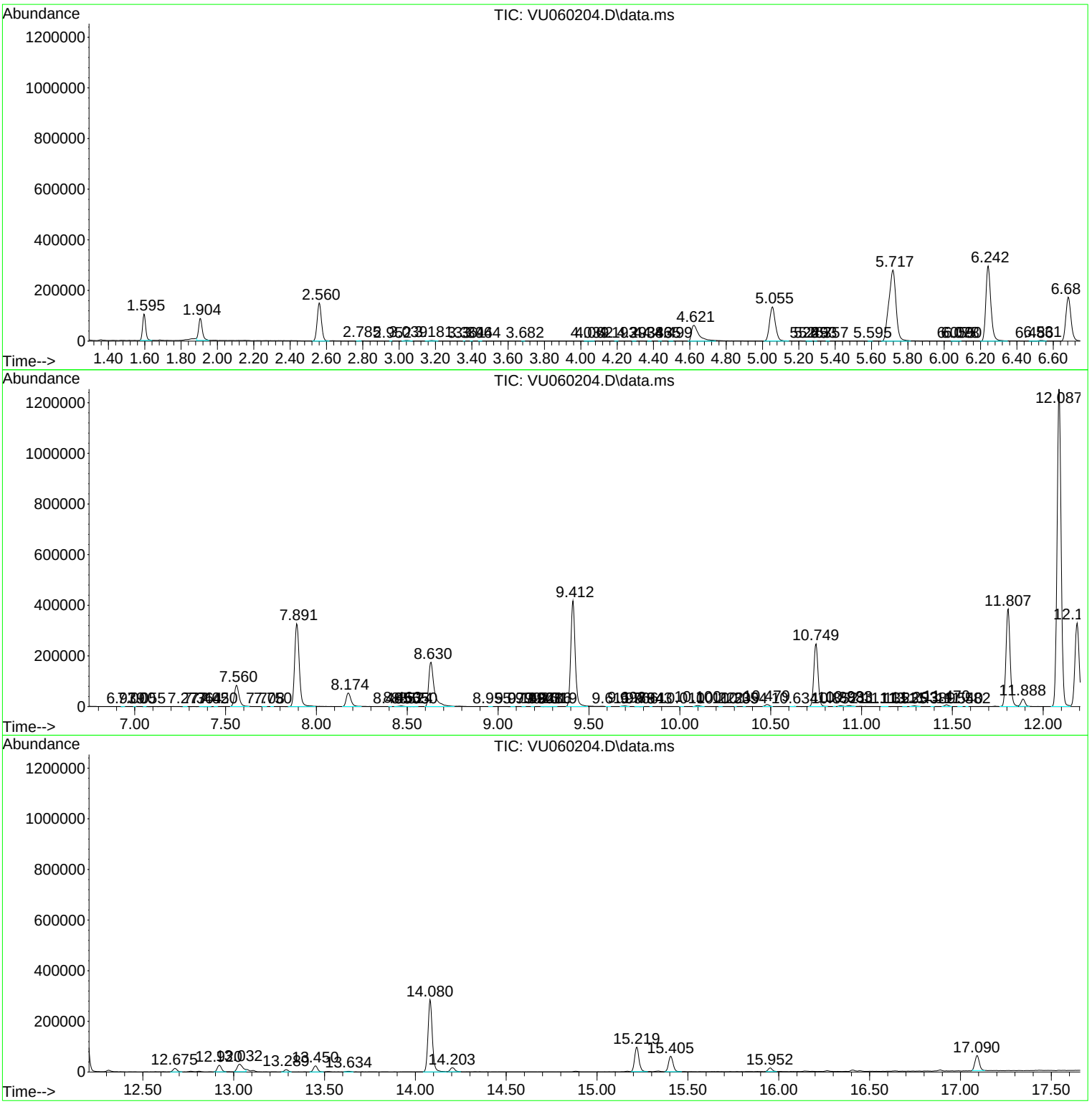
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

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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ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

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

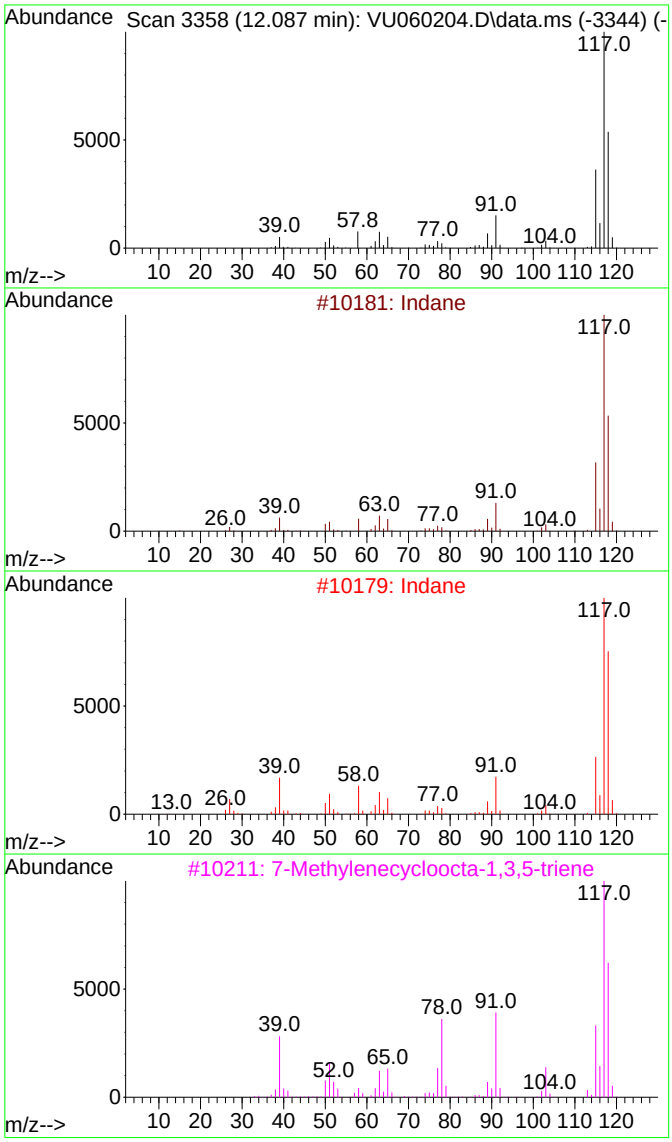
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

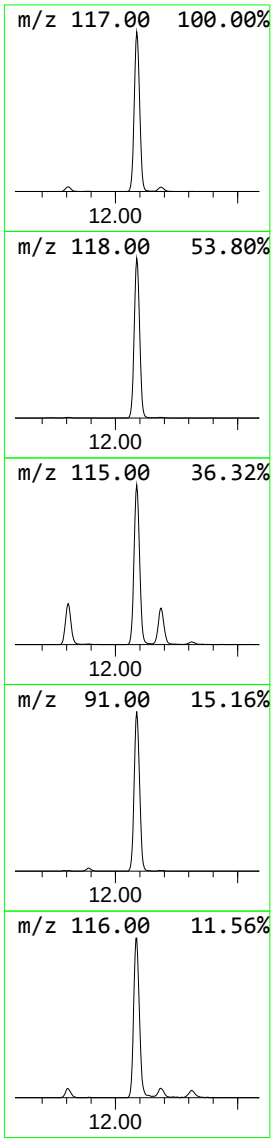
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	156.15 ug/L	1941400	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	83
4	Indane	118	C9H10	000496-11-7	83
5	Deltacyclene	118	C9H10	007785-10-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
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Operator : MD/SY
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

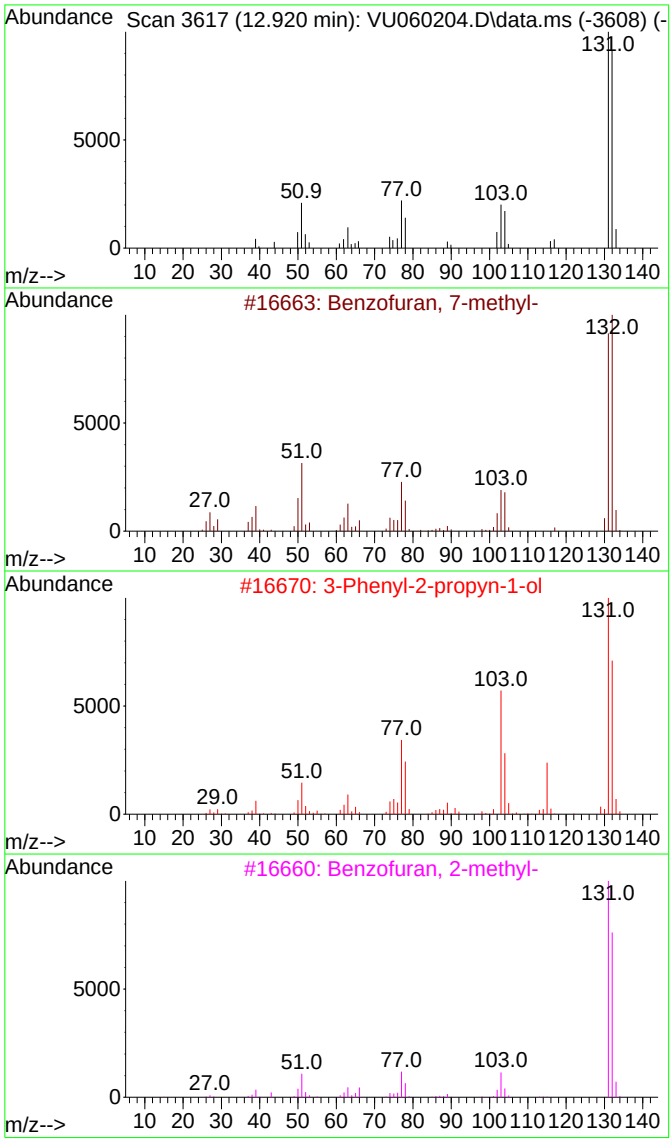
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

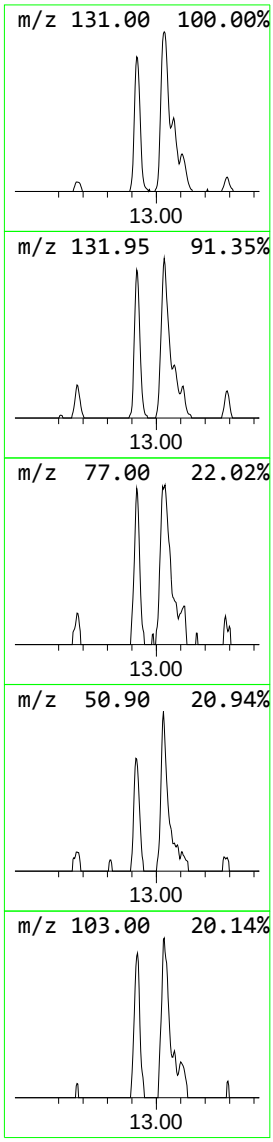
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	3.34 ug/L	41558	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

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

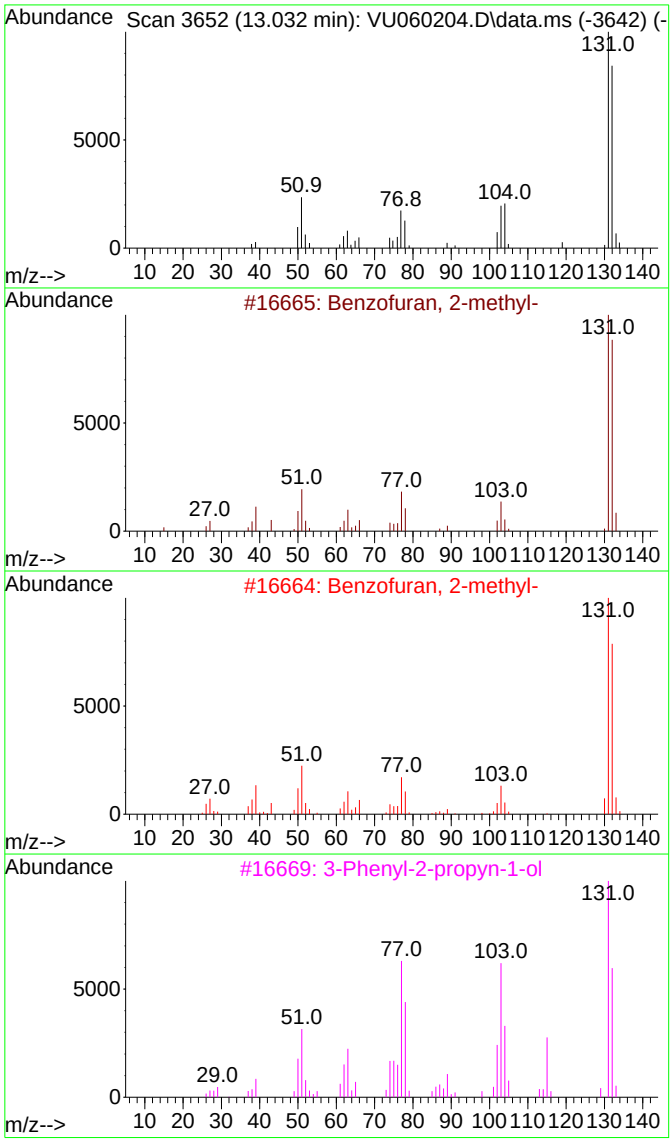
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

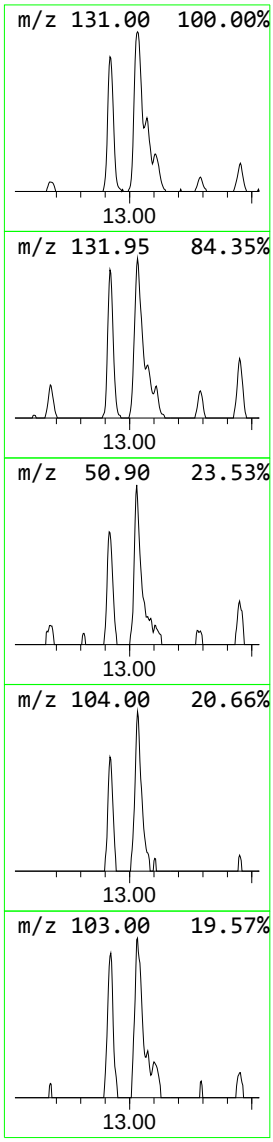
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.032	5.28 ug/L	65687	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91





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ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

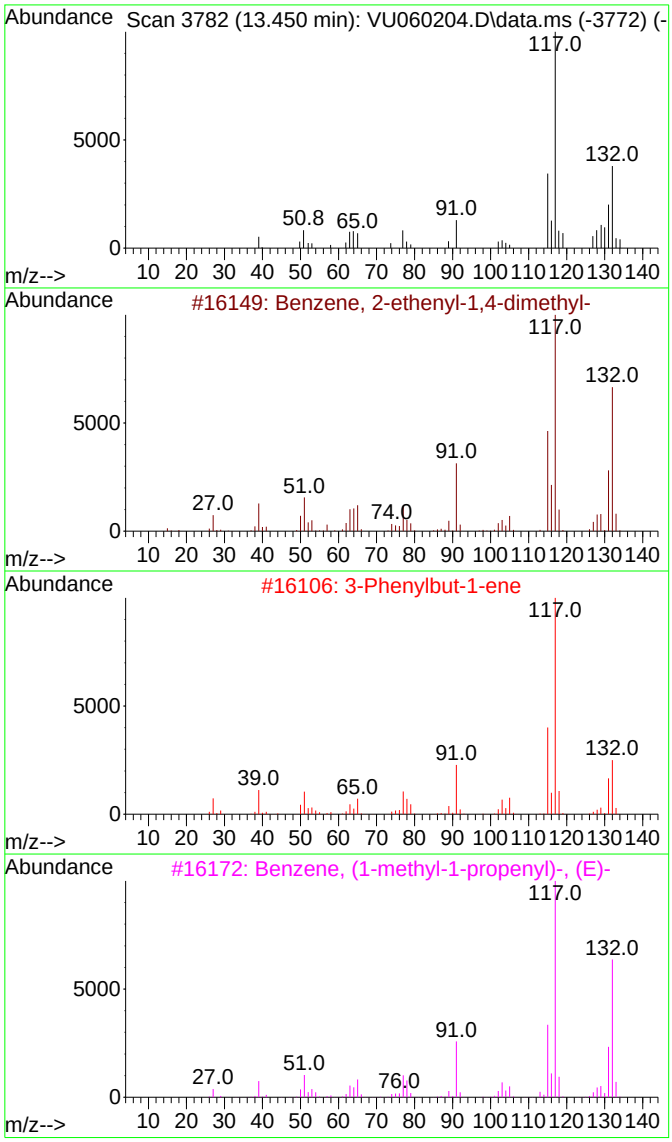
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

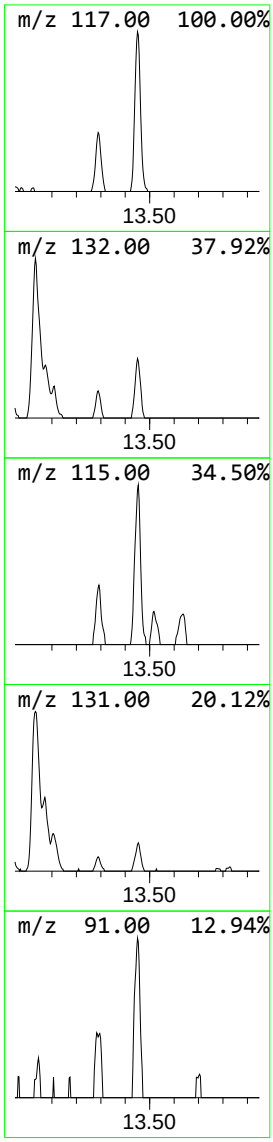
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.450	3.03 ug/L	37644	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81





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Data File : VU060204.D
Acq On : 26 Jul 2024 04:36
Operator : MD/SY
Sample : P3347-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

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

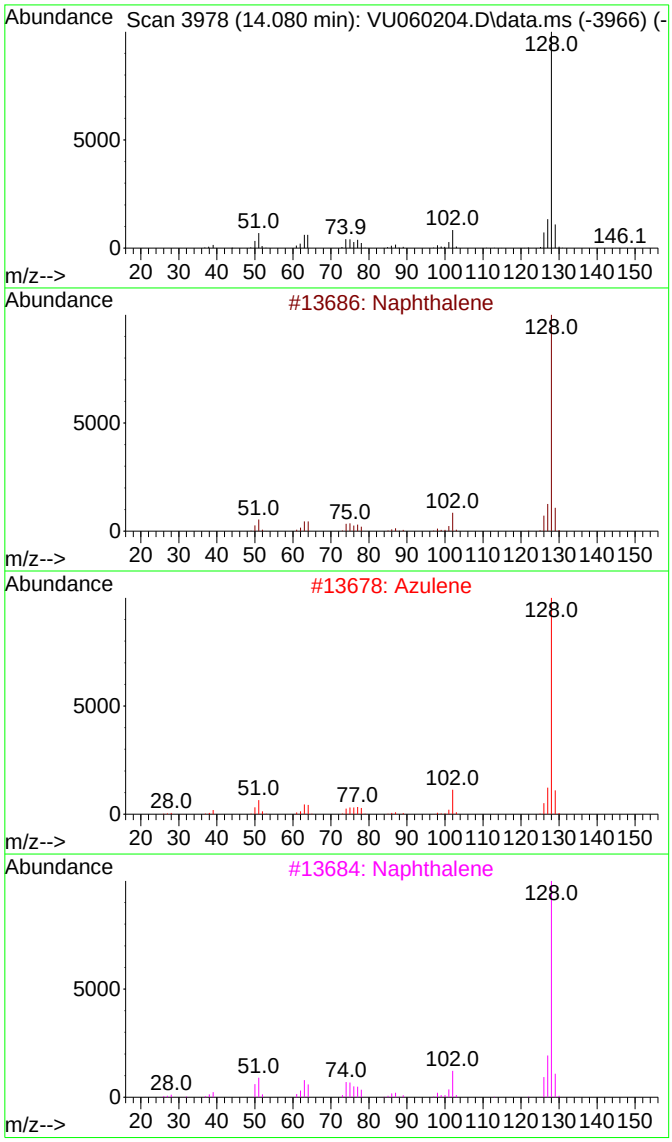
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

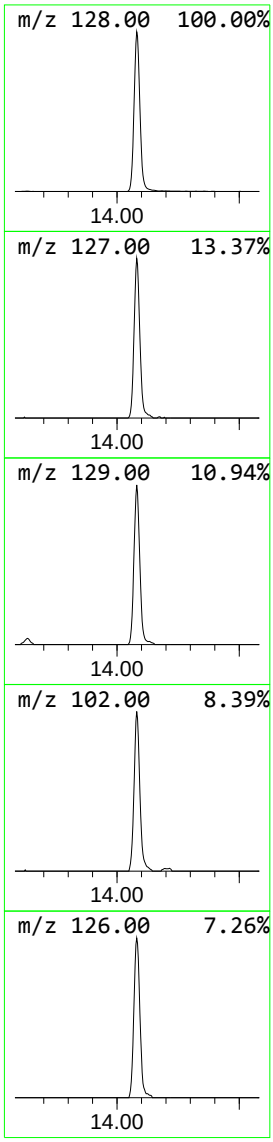
****

Peak Number 7 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	38.12 ug/L	473975	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060204.D
Acq On : 26 Jul 2024 04:36
Operator : MD/SY
Sample : P3347-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

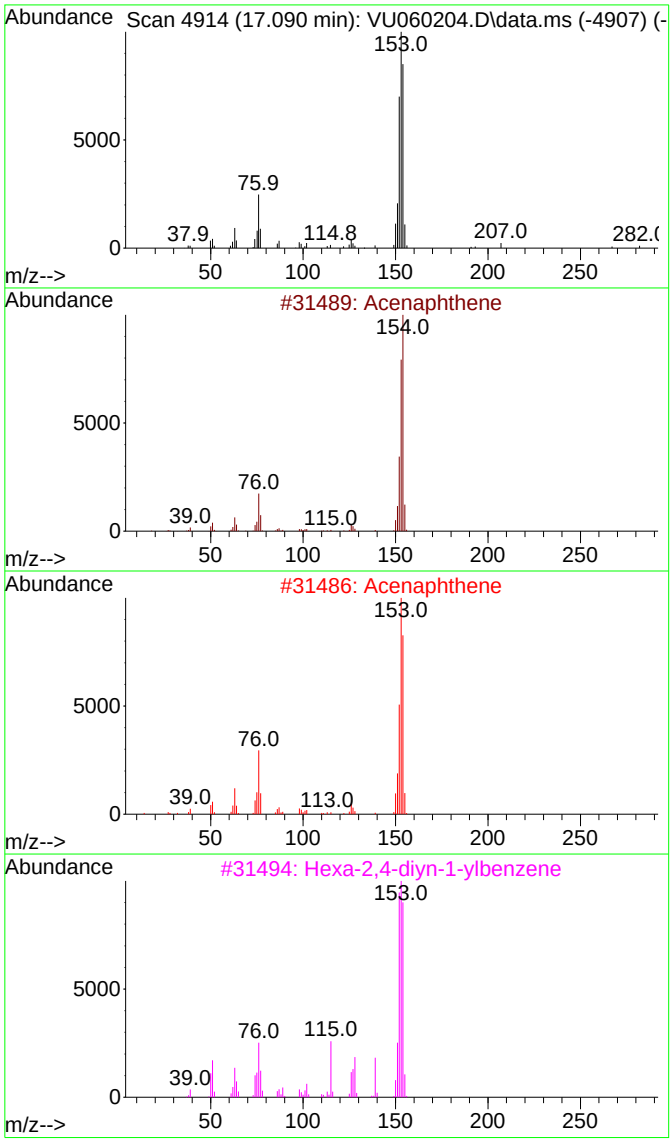
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

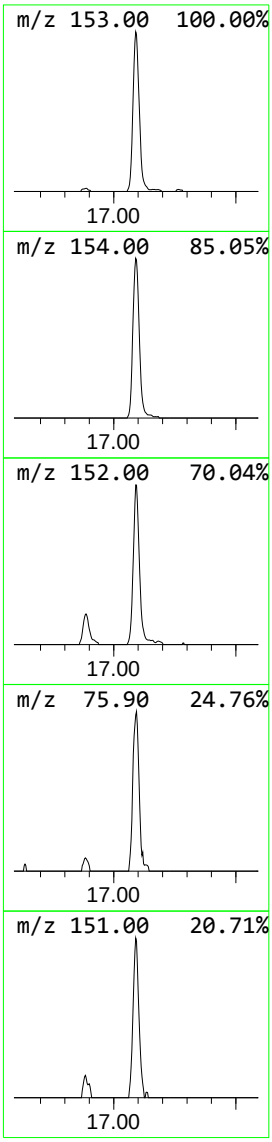
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	7.90 ug/L	98219	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	70
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
4	Acenaphthene	154	C12H10	000083-32-9	60
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060204.D
Acq On : 26 Jul 2024 04:36
Operator : MD/SY
Sample : P3347-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY9

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	12.087	156.2	ug/L	1941400	3	11.807	621663	50.0
Benzofuran, 7-m...	12.920	3.3	ug/L	41558	3	11.807	621663	50.0
Benzofuran, 2-m...	13.032	5.3	ug/L	65687	3	11.807	621663	50.0
Benzene, 2-ethe...	13.450	3.0	ug/L	37644	3	11.807	621663	50.0
Azulene	14.081	38.1	ug/L	473975	3	11.807	621663	50.0
Hexa-2,4-diyn-1...	17.090	7.9	ug/L	98219	3	11.807	621663	50.0