LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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: VU060202.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	87	95	109	rBV	97264	112543	0.13%	0.088%
2	1.908	184	192	205	rVB	69318	97278	0.11%	0.076%
3	1.988	210	217	231	rVB2	12382	19240	0.02%	0.015%
4	2.197	278	282	288	rVB4	2221	2177	0.00%	0.002%
5	2.313	310	318	328	rVB6	3210	4882	0.01%	0.004%
6	2.403	341	346	361	rVB7	2882	5079	0.01%	0.004%
7	2.560	383	395	410	rBV	133835	218476	0.26%	0.171%
8	2.789	457	466	472	rBV3	822	1200	0.00%	0.001%
9	3.020	525	538	539	rBV3	2765	4123	0.00%	0.003%
10	3.130	561	572	582	rBV3	8995	17289	0.02%	0.013%
11	3.355	628	642	665	rVB2	20388	48634	0.06%	0.038%
12	3.988	824	839	857	rVV4	5817	15497	0.02%	0.012%
13	4.367	947	957	960	rBV2	302	547	0.00%	0.000%
14	4.525	992	1006	1019	rBV4	5020	11307	0.01%	0.009%
15	4.621	1026	1036	1064	rBV	55218	145875	0.17%	0.114%
16	5.052	1155	1170	1191	rBV	115364	261206	0.31%	0.204%
17	5.380	1262	1272	1283	rVB5	3275	6488	0.01%	0.005%
18	5.718	1357	1377	1384	rBV2	247068	644536	0.76%	0.503%
19	5.766	1386	1392	1411	rVB	365689	687574	0.81%	0.537%
20	5.924	1439	1441	1452	rVB5	1570	2189	0.00%	0.002%
21	6.020	1464	1471	1478	rBV3	976	1410	0.00%	0.001%
22	6.242	1527	1540	1570	rBV	269509	519663	0.61%	0.406%
23	6.535	1622	1631	1644	rVB7	2279	4837	0.01%	0.004%
24	6.682	1663	1677	1696	rBV2	151376	299869	0.35%	0.234%
25	7.197	1834	1837	1844	rVB4	616	635	0.00%	0.000%
26	7.383	1888	1895	1896	rBV2	845	700	0.00%	0.001%
27	7.560	1936	1950	1962	rBV2	72438	128956	0.15%	0.101%
28	7.689	1984	1990	1992	rBV4	2217	2104	0.00%	0.002%
29	7.792	2013	2022	2035	rVB4	1806	3111	0.00%	0.002%
30	7.891	2040	2053	2066	rBV	282853	491802	0.58%	0.384%
31	7.962	2066	2075	2092	rVB	178551	308662	0.36%	0.241%
32	8.174	2130	2141	2157	rBV	51801	92844	0.11%	0.072%
33	8.264	2161	2169	2182	rVB7	5312	10697	0.01%	0.008%
34	8.467	2225	2232	2245	rVV4	3073	5574	0.01%	0.004%
35	8.628	2271	2282	2301	rBV	159115	310022	0.36%	0.242%
36	8.830	2340	2345	2355	rVB5	886	1362	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
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Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AW5

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	9.097	2425	2428	2433	rBV2	536	615	0.00%	0.000%
38	9.261	2471	2479	2489	rVB3	566	950	0.00%	0.001%
39	9.335	2493	2502	2511	rBV6	2723	5179	0.01%	0.004%
40	9.412	2514	2526	2544	rBV	388689	651163	0.76%	0.508%
41	9.567	2562	2574	2592	rVB	69264	112614	0.13%	0.088%
42	9.686	2600	2611	2629	rBV	250540	428370	0.50%	0.334%
43	9.856	2661	2664	2667	rBV	860	818	0.00%	0.001%
44	10.049	2718	2724	2726	rVV2	1061	924	0.00%	0.001%
45	10.094	2727	2738	2768	rVB4	237756	459052	0.54%	0.358%
46	10.335	2805	2813	2819	rVB6	1569	2433	0.00%	0.002%
47	10.480	2847	2858	2869	rBV	25463	39889	0.05%	0.031%
48	10.750	2929	2942	2959	rVV	221996	358224	0.42%	0.280%
49	10.827	2961	2966	2973	rVB3	1950	2521	0.00%	0.002%
50	10.895	2973	2987	2998	rBV3	9572	19288	0.02%	0.015%
51	10.991	3006	3017	3024	rBV	57749	100849	0.12%	0.079%
52	11.081	3035	3045	3062	rVB	103851	159425	0.19%	0.124%
53	11.287	3098	3109	3126	rBV	32227	57600	0.07%	0.045%
54	11.460	3150	3163	3177	rBV	325015	499031	0.58%	0.390%
55	11.534	3177	3186	3195	rVV2	21235	31739	0.04%	0.025%
56	11.634	3211	3217	3228	rVB4	7637	11292	0.01%	0.009%
57	11.724	3232	3245	3258	rBV	821166	1292831	1.52%	1.009%
58	11.804	3258	3270	3285	rVV	464928	778639	0.91%	0.608%
59	11.888	3286	3296	3307	rVV	147752	234211	0.27%	0.183%
60	11.943	3307	3313	3325	rVB2	20757	32516	0.04%	0.025%
61	12.087	3342	3358	3375	rBV	1114781	1757709	2.06%	1.372%
62	12.184	3377	3388	3405	rVB	354157	576958	0.68%	0.450%
63	12.306	3412	3426	3445	rBV	4533781	6999842	8.20%	5.466%
64	12.457	3468	3473	3478	rBV2	7012	9157	0.01%	0.007%
65	12.566	3498	3507	3514	rBV	20023	29340	0.03%	0.023%
66	12.608	3515	3520	3531	rVV4	6720	11330	0.01%	0.009%
67	12.676	3531	3541	3553	rVB	50384	82086	0.10%	0.064%
68	12.808	3574	3582	3593	rVB6	7996	13085	0.02%	0.010%
69	12.917	3593	3616	3626	rBV3	206017	450198	0.53%	0.352%
70	13.020	3637	3648	3669	rBV	470485	986627	1.16%	0.770%
71	13.248	3716	3719	3721	rBV2	983	790	0.00%	0.001%
72	13.287	3721	3731	3752	rVB	97970	152777	0.18%	0.119%
73	13.447	3761	3781	3793	rBV3	207164	349409	0.41%	0.273%
74	13.515	3793	3802	3815	rVB2	44276	70507	0.08%	0.055%
75	13.621	3821	3835	3856	rBV2	159339	269861	0.32%	0.211%
76	13.727	3856	3868	3875	rBV9	17044	33059	0.04%	0.026%

LSC Area Percent Report

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Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

77	13.769	3876	3881	3890	rVV8	11522	18263	0.02%	0.014%
78	13.827	3891	3899	3909	rVV6	12236	20055	0.02%	0.016%
79	13.949	3929	3937	3948	rVB10	5028	10623	0.01%	0.008%
80	14.091	3961	3981	4000	rBV2	48114007	85333960	100.00%	66.630%
81	14.200	4003	4015	4033	rVB	2990930	4799757	5.62%	3.748%
82	14.386	4068	4073	4090	rVB9	8881	17206	0.02%	0.013%
83	14.480	4092	4102	4110	rBV4	14241	24984	0.03%	0.020%
84	14.663	4150	4159	4173	rBV4	14935	29888	0.04%	0.023%
85	14.804	4192	4203	4214	rBV5	9401	16748	0.02%	0.013%
86	14.875	4215	4225	4238	rVB3	29469	52424	0.06%	0.041%
87	15.010	4260	4267	4276	rBV6	2722	4340	0.01%	0.003%
88	15.055	4279	4281	4285	rBV3	1380	873	0.00%	0.001%
89	15.161	4300	4314	4320	rBV	145494	229209	0.27%	0.179%
90	15.213	4320	4330	4356	rVV	5459261	8479946	9.94%	6.621%
91	15.332	4356	4367	4376	rVV	133991	232024	0.27%	0.181%
92	15.402	4376	4389	4420	rVB	3782942	5946414	6.97%	4.643%
93	15.946	4547	4558	4572	rBV	183438	288255	0.34%	0.225%
94	16.142	4610	4619	4626	rBV	42441	65519	0.08%	0.051%
95	16.258	4644	4655	4677	rVB3	55559	107386	0.13%	0.084%
96	16.402	4690	4700	4707	rBV	94053	151029	0.18%	0.118%
97	16.611	4757	4765	4767	rBV5	8972	13178	0.02%	0.010%
98	16.782	4812	4818	4828	rVB6	8811	11966	0.01%	0.009%
99	16.881	4842	4849	4865	rVB5	10623	18000	0.02%	0.014%
100	17.090	4902	4914	4937	rBV	378853	637890	0.75%	0.498%

Sum of corrected areas: 128071233

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
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Acq On : 26 Jul 2024 03:48
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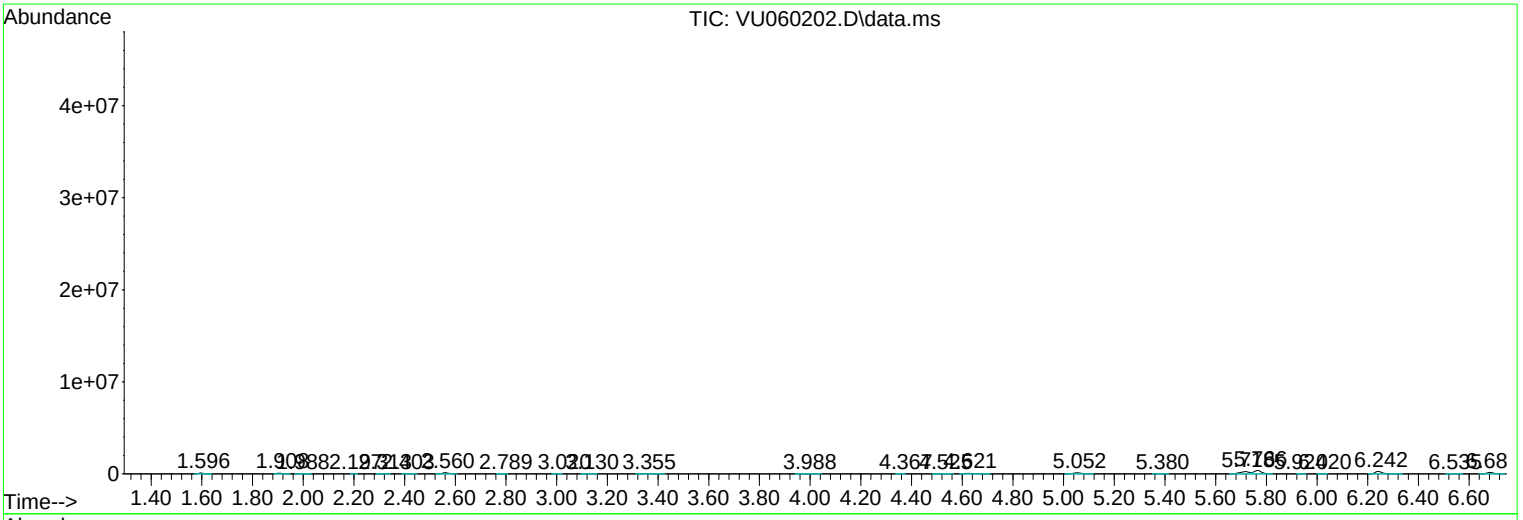
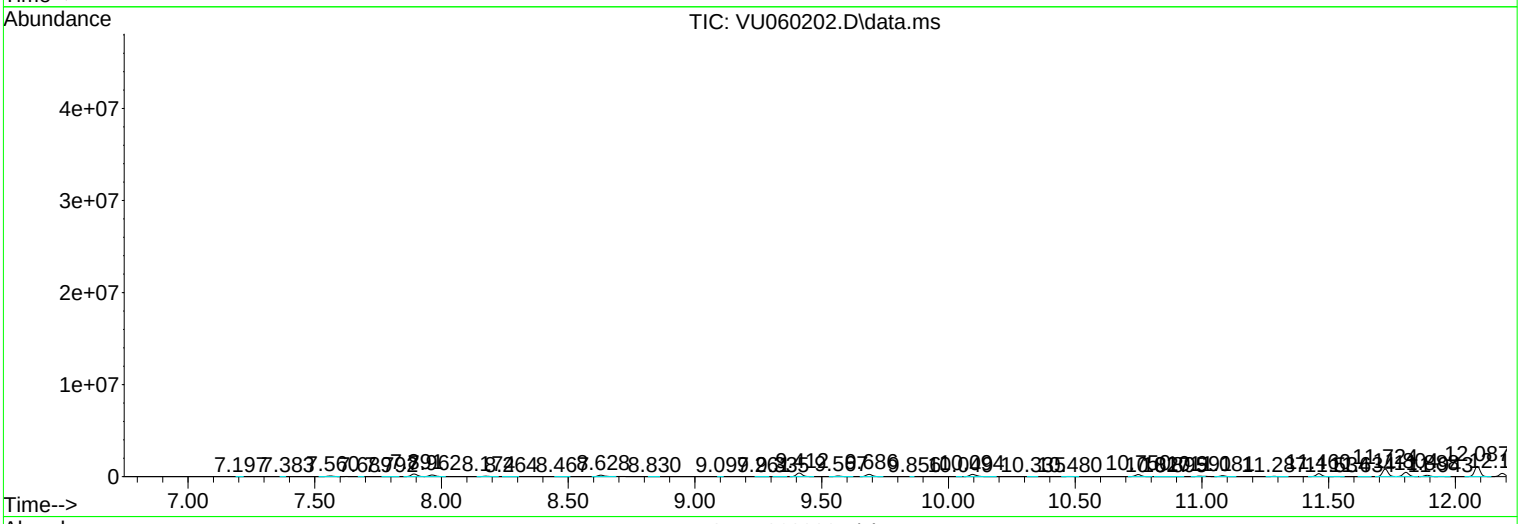
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

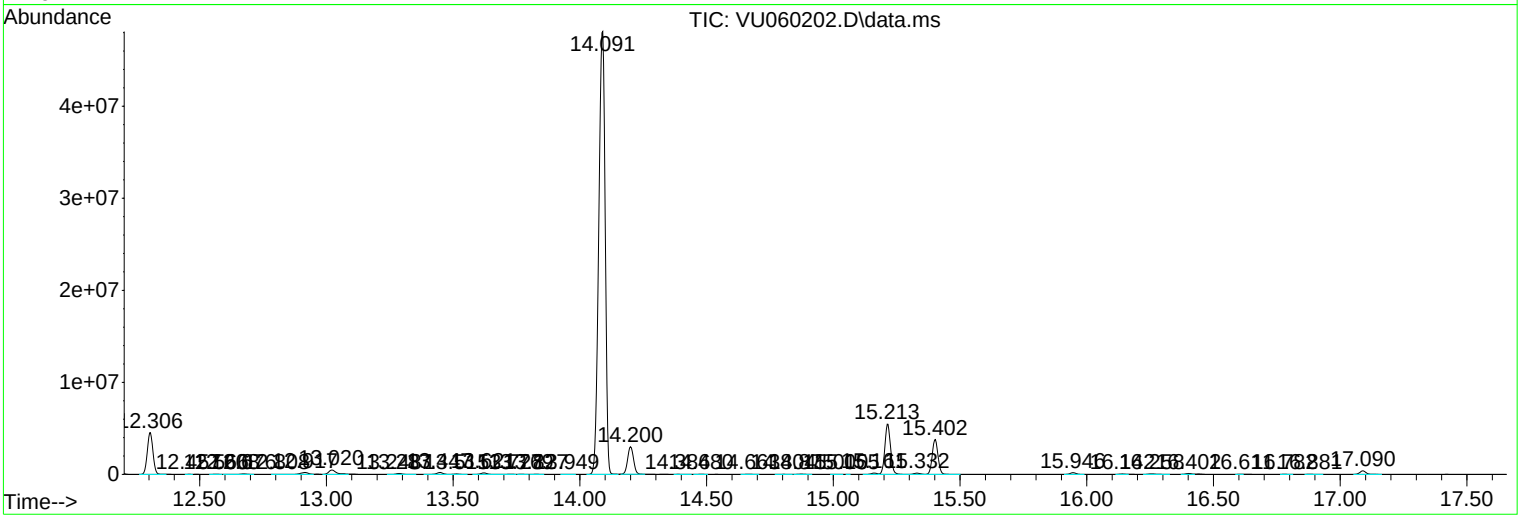
Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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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Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

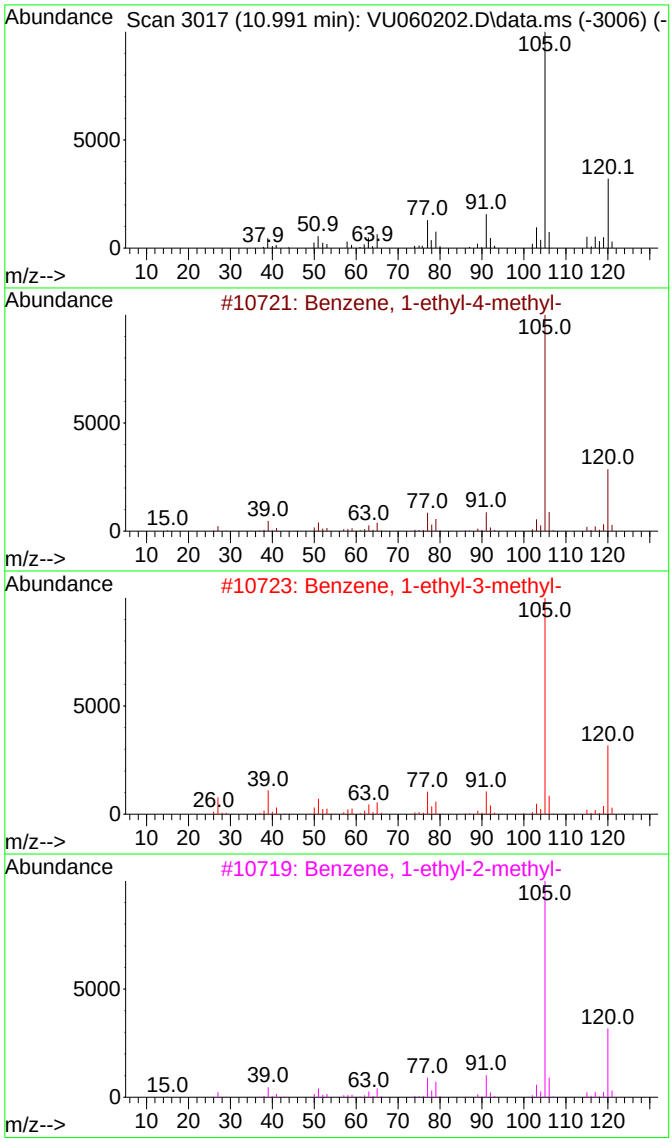
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

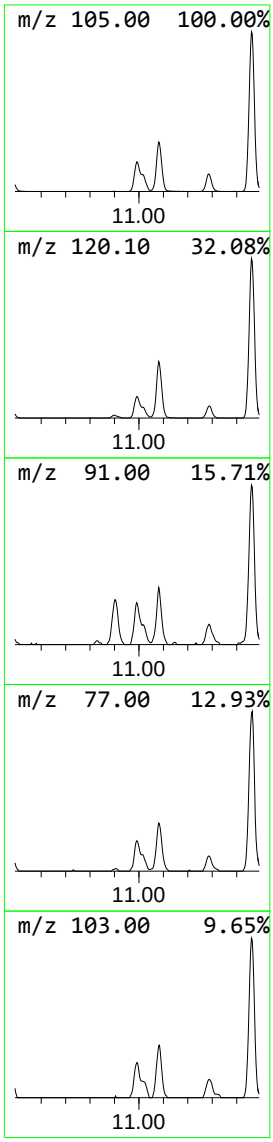
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.991	6.48 ug/L	100849	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

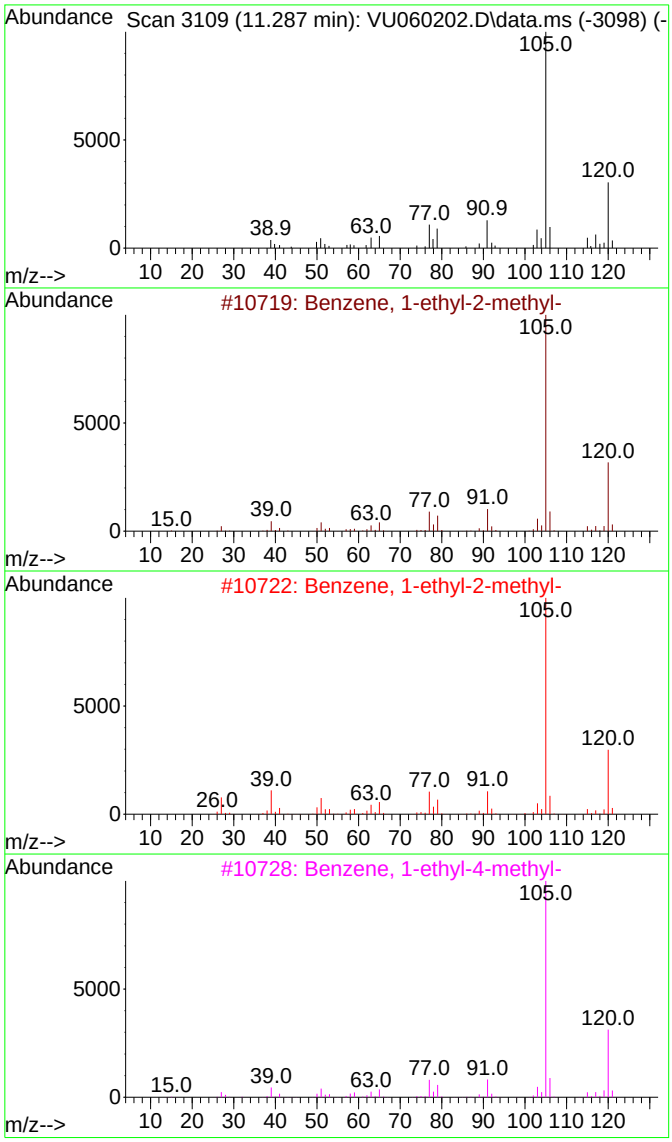
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

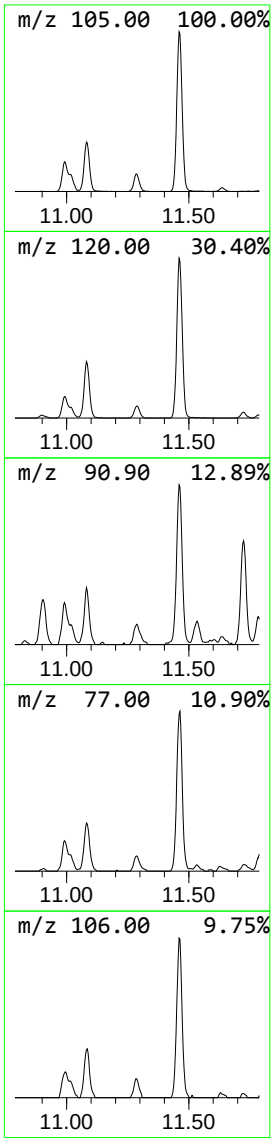
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	3.70 ug/L	57600	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

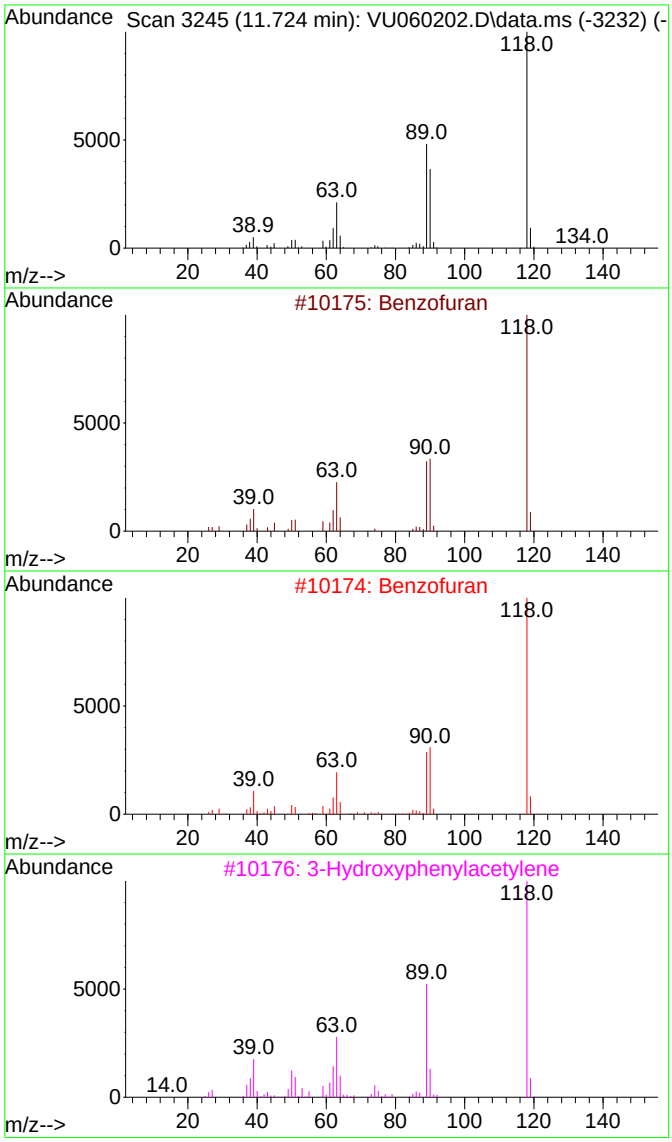
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

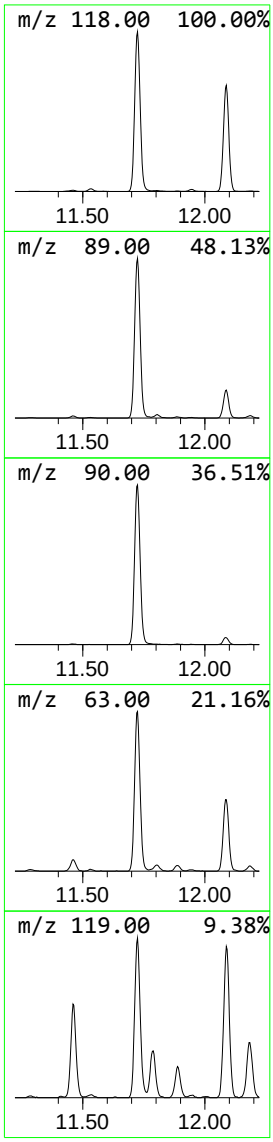
****

Peak Number 4 Benzofuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.724	83.02 ug/L	1292830	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	96
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	91
4	Benzofuran	118	C8H6O	000271-89-6	87
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64





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Data File : VU060202.D
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Operator : MD/SY
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

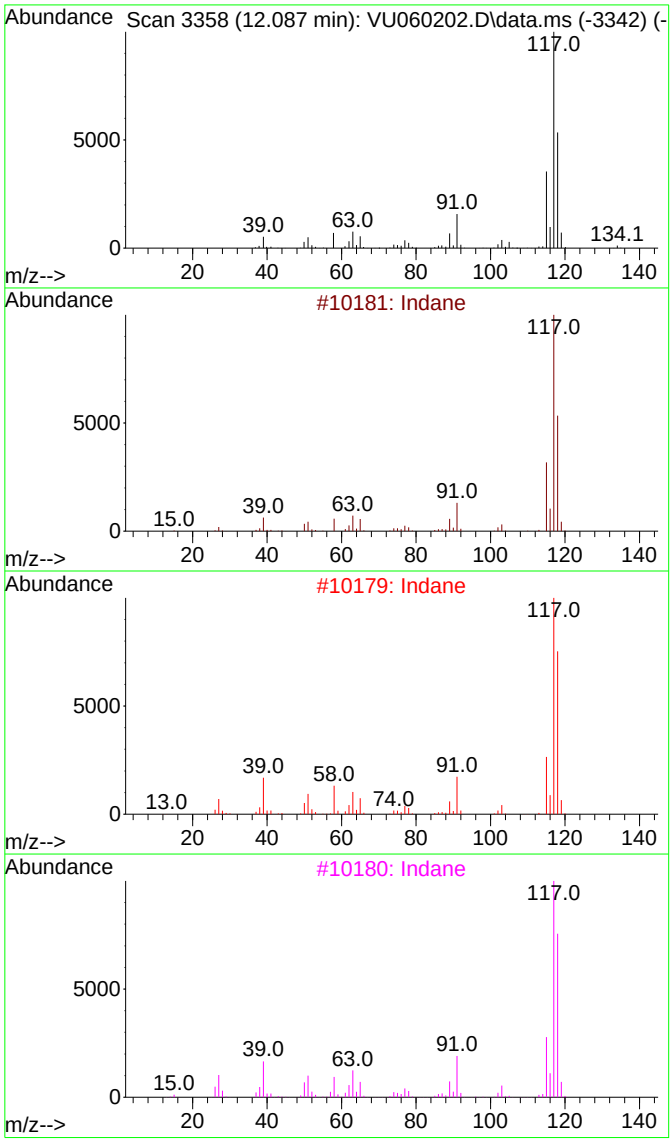
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

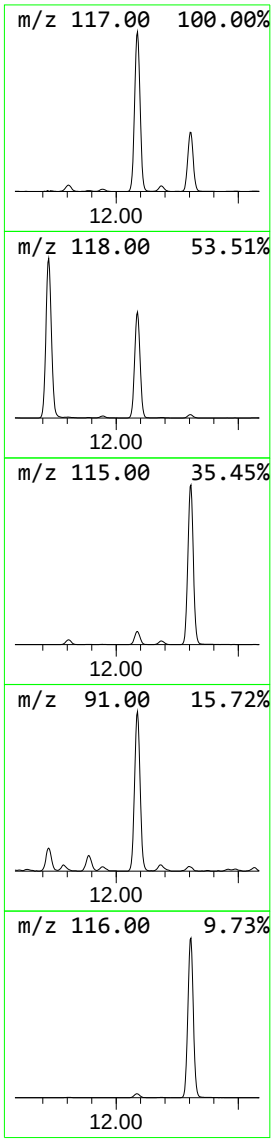
****

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	112.87 ug/L	1757710	1,4-Dichlorobenzene-d4	11.804

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	Indane	118	C9H10	000496-11-7	90
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

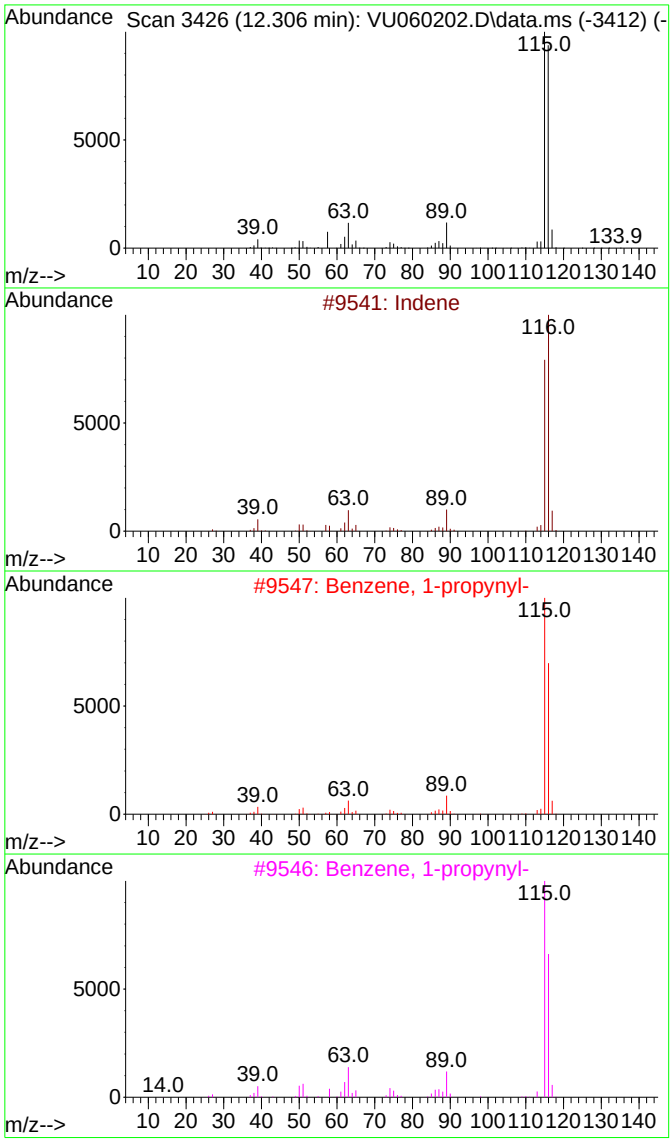
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

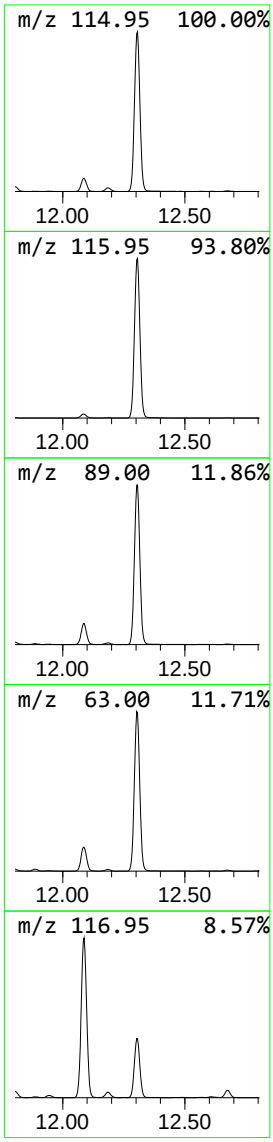
****

Peak Number 7 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	449.49 ug/L	6999840	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

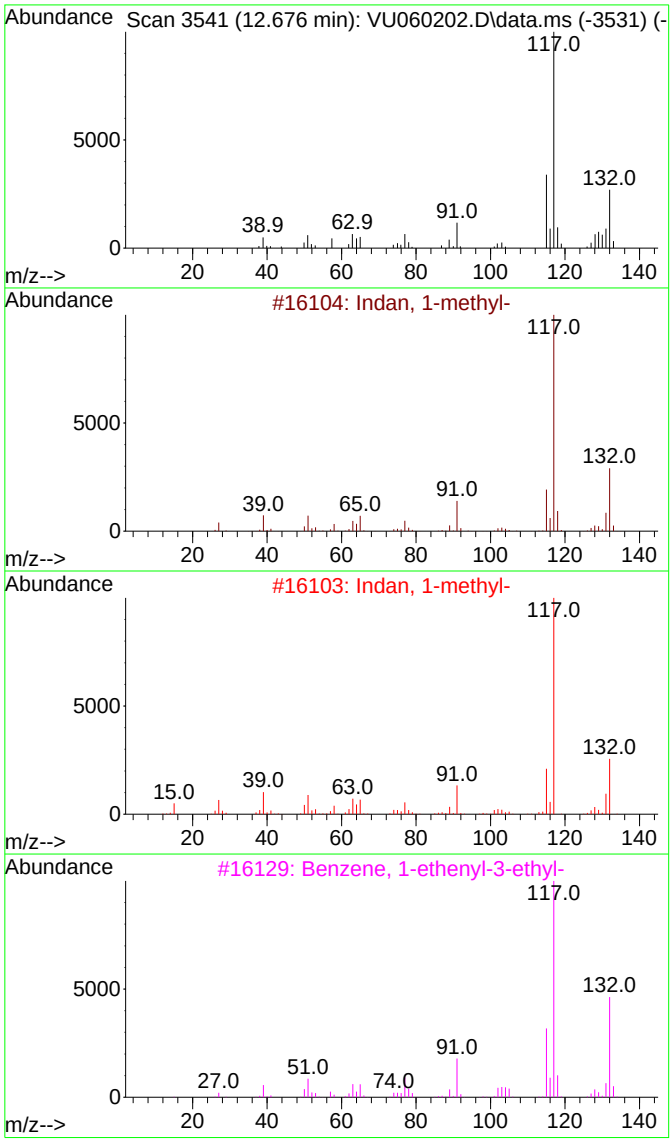
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

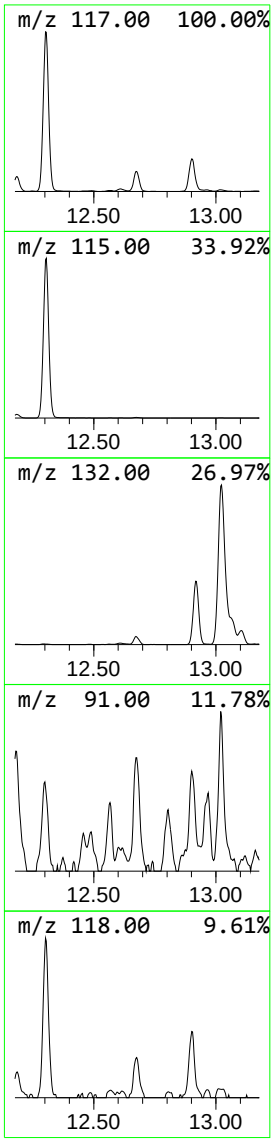
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indan, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	5.27 ug/L	82086	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

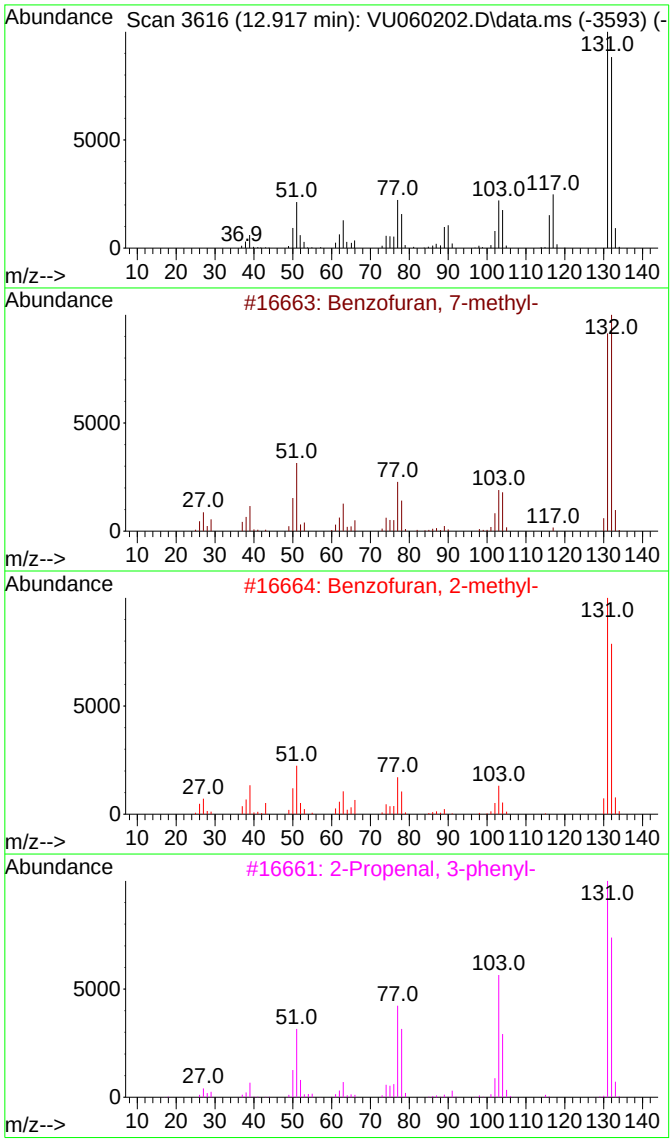
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

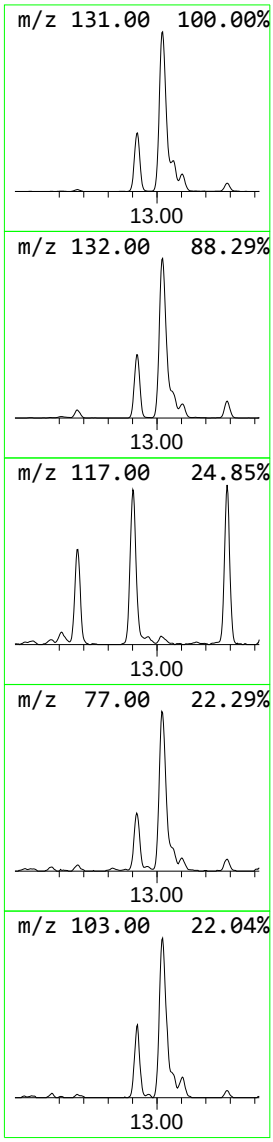
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.917	28.91 ug/L	450198	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	89
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	89
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

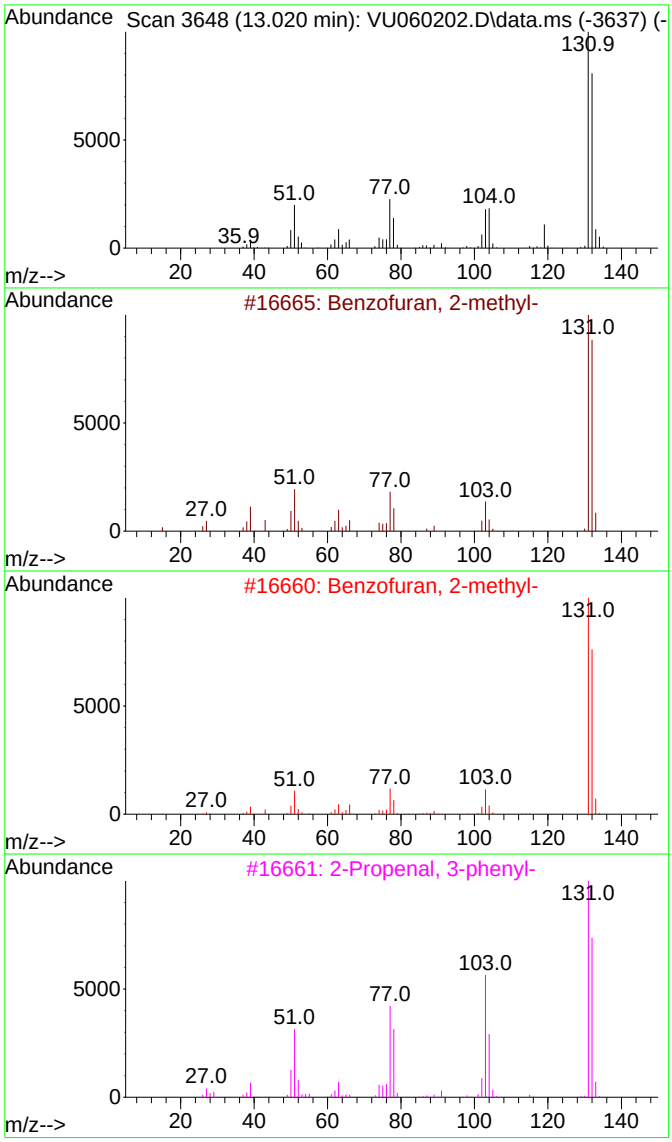
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

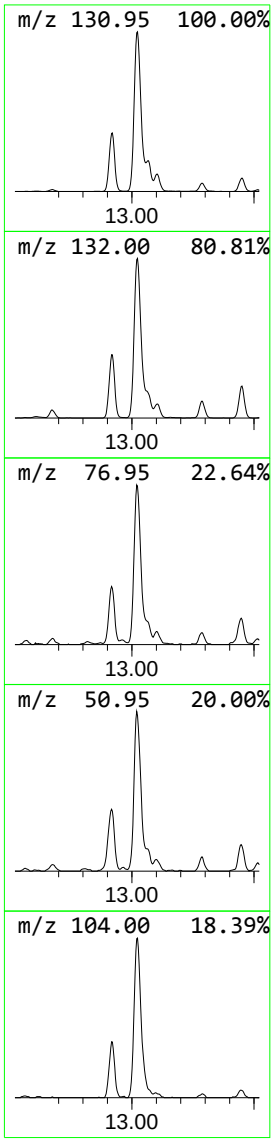
****

Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	63.36 ug/L	986627	1,4-Dichlorobenzene-d4	11.804

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	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





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Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

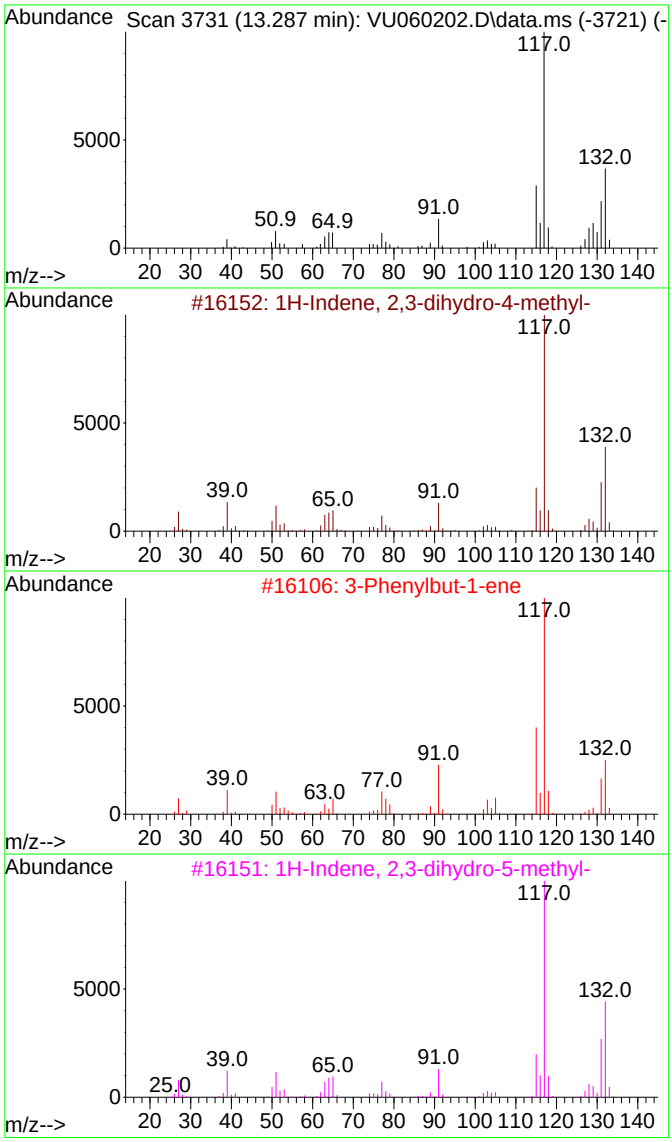
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

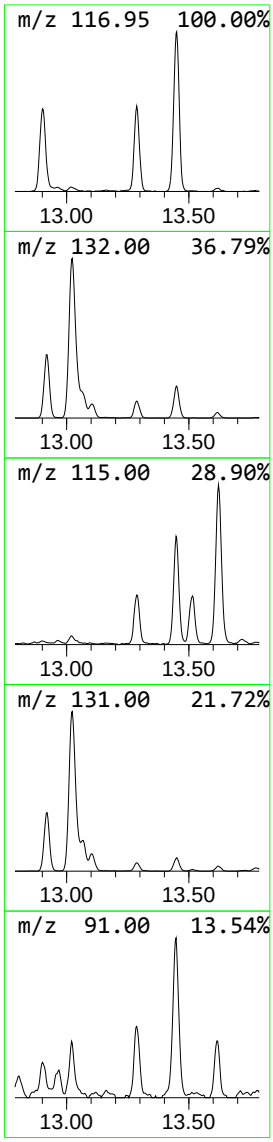
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	9.81 ug/L	152777	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

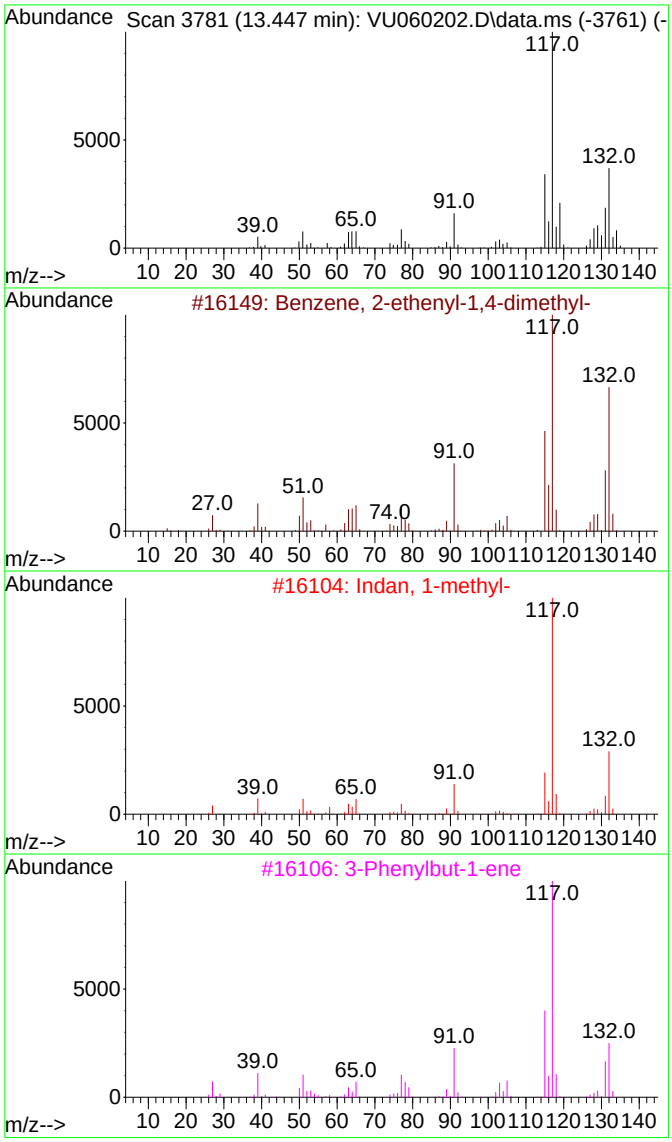
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

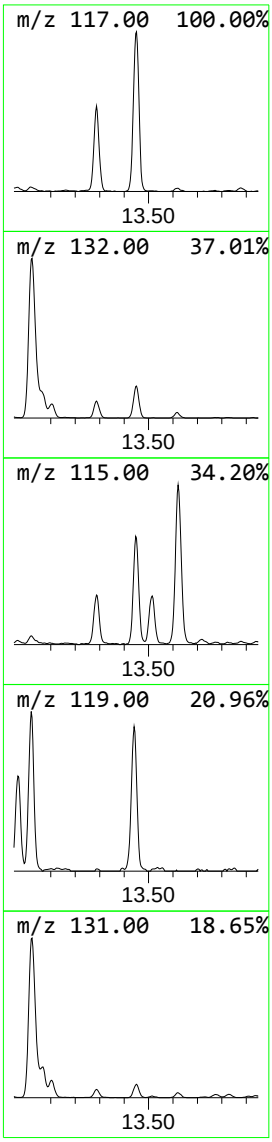
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.448	22.44 ug/L	349409	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

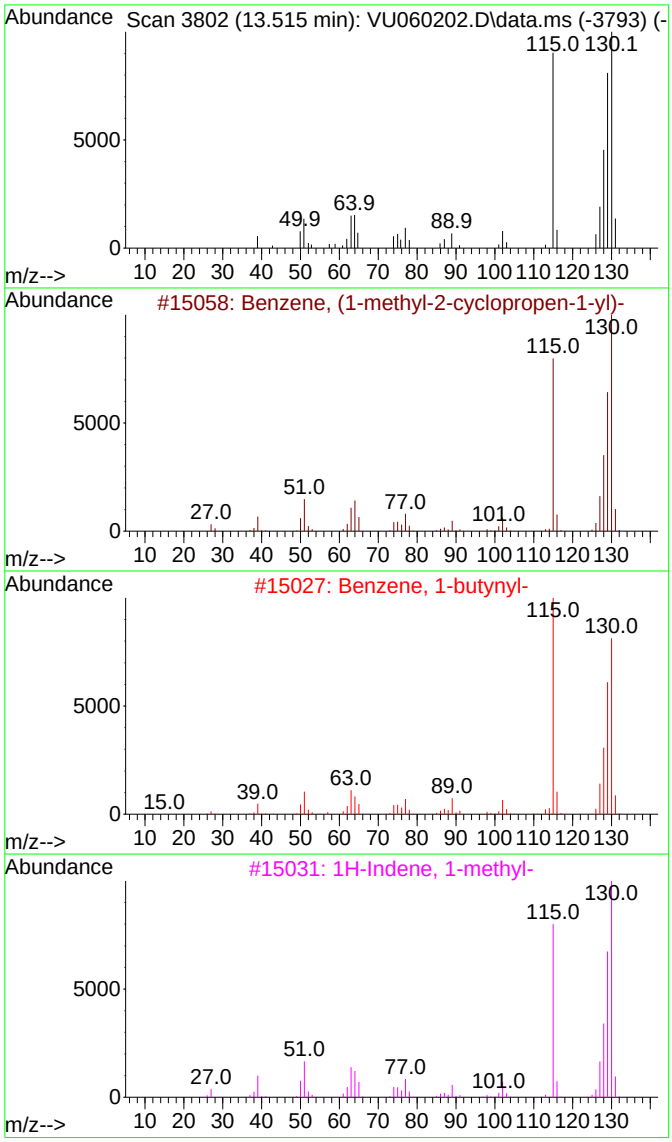
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

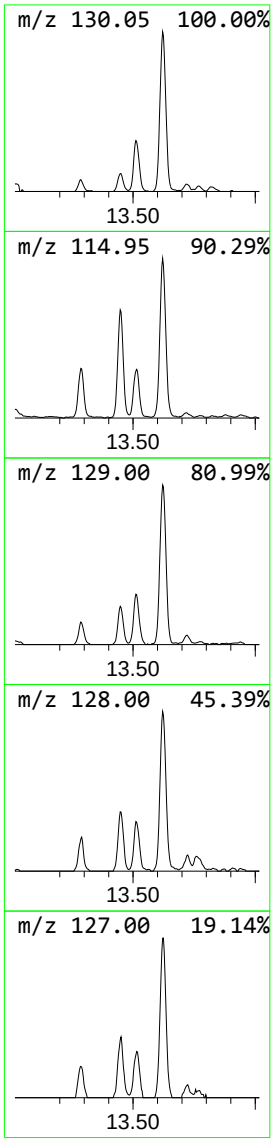
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (1-methyl-2-cyclop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	4.53 ug/L	70507	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	2-Methylindene	130	C10H10	002177-47-1	91





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

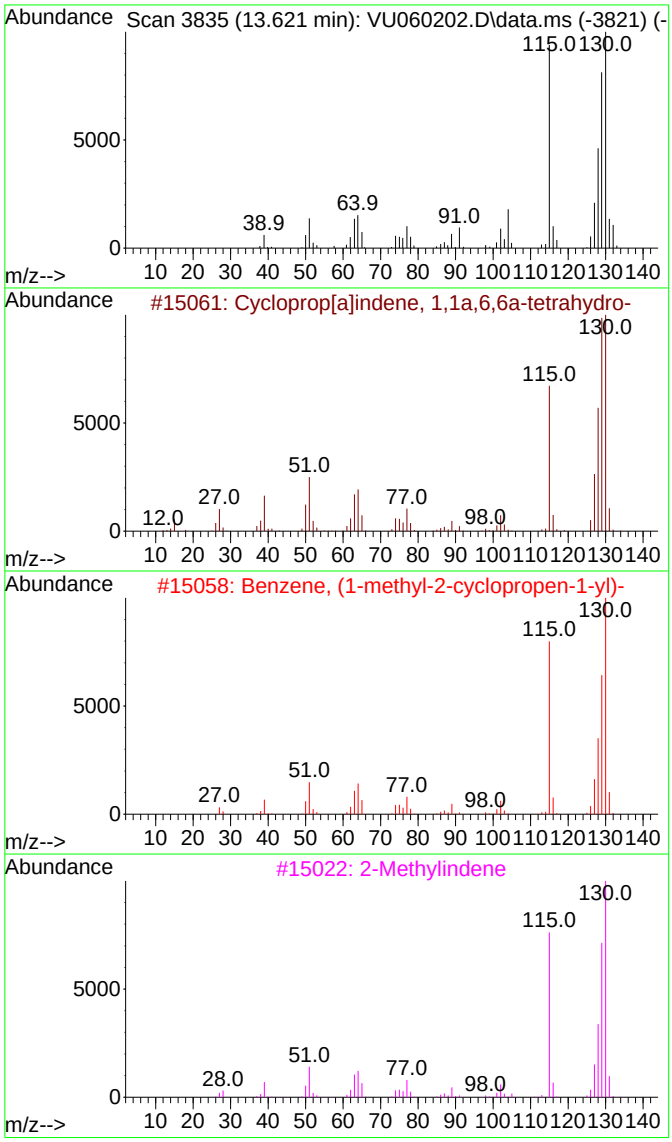
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

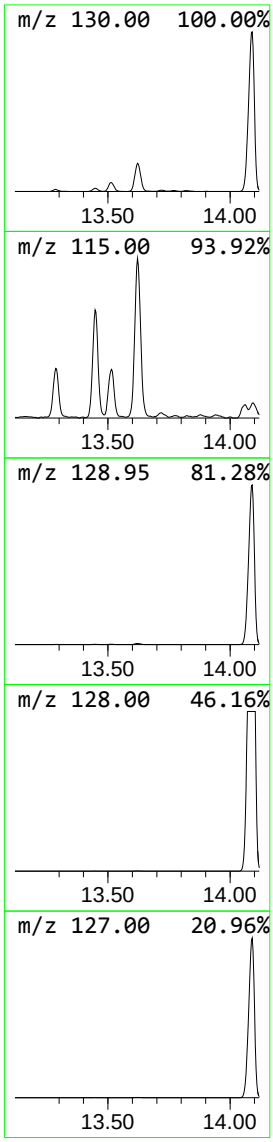
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	17.33 ug/L	269861	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	2-Methylindene	130	C10H10	002177-47-1	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

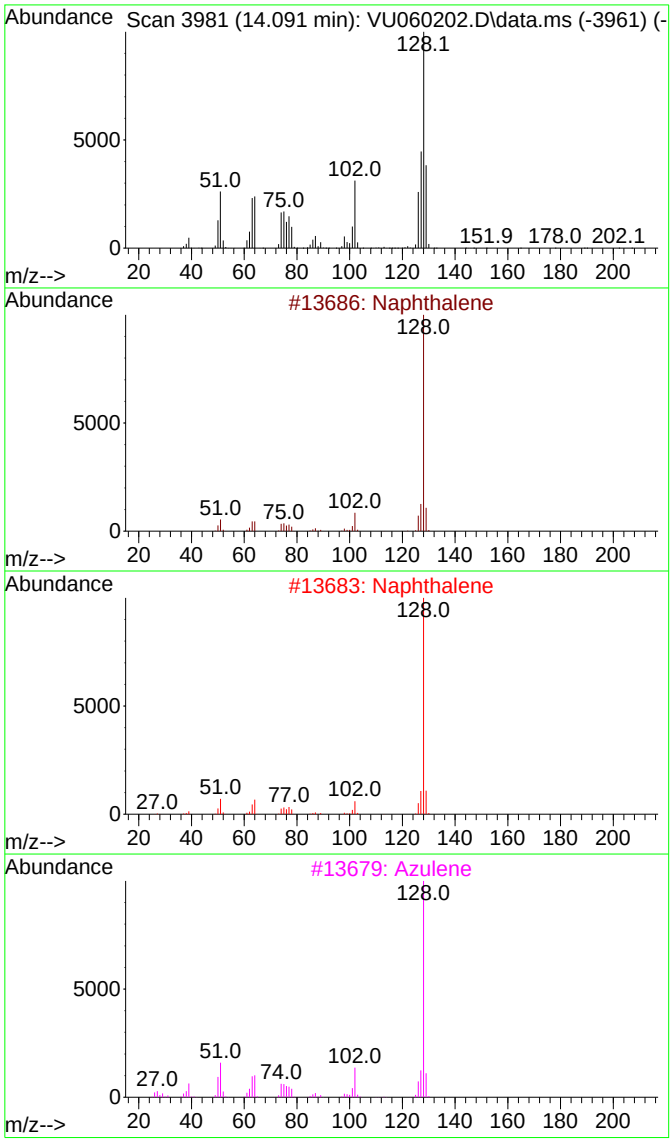
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

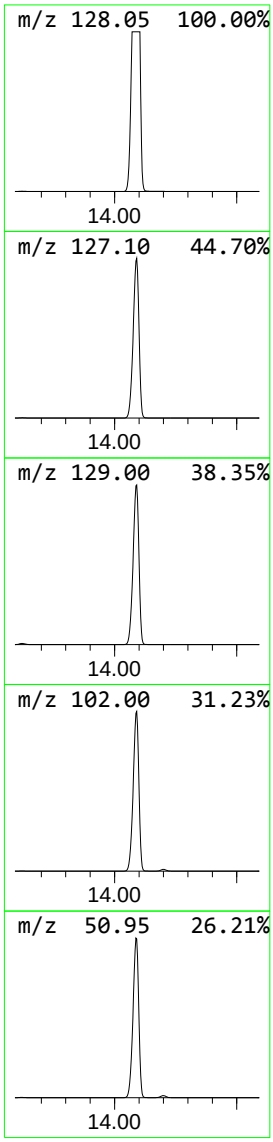
****

Peak Number 15 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	5479.69 ug/L	85334000	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	93
2	Naphthalene	128	C10H8	000091-20-3	86
3	Azulene	128	C10H8	000275-51-4	86
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	76
5	Azulene	128	C10H8	000275-51-4	70





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

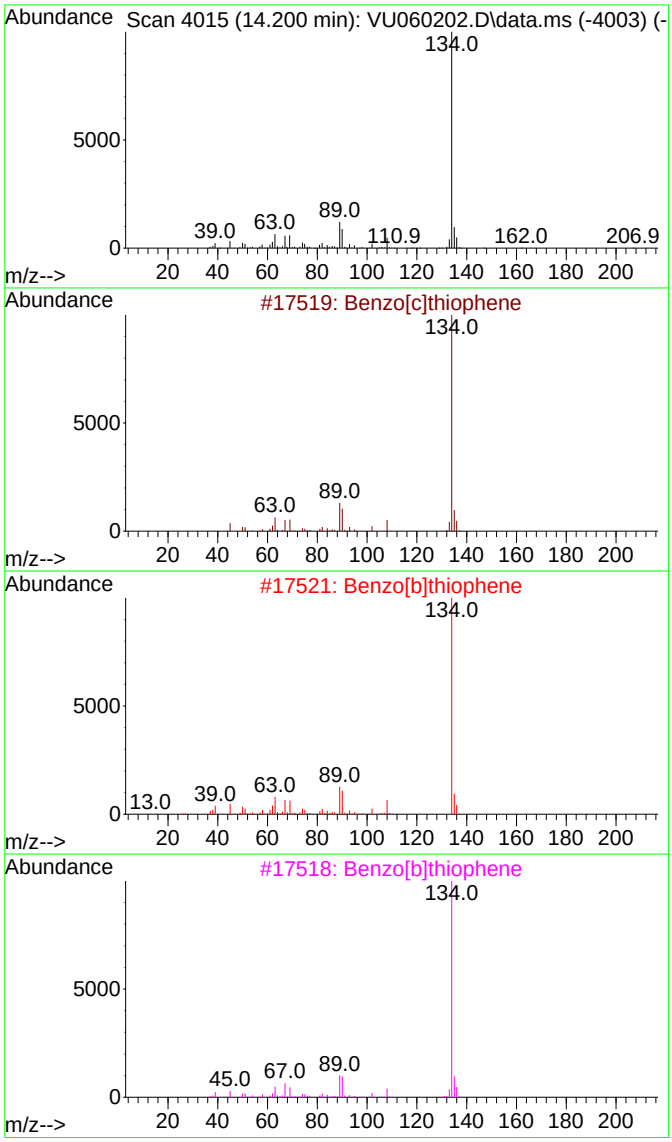
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

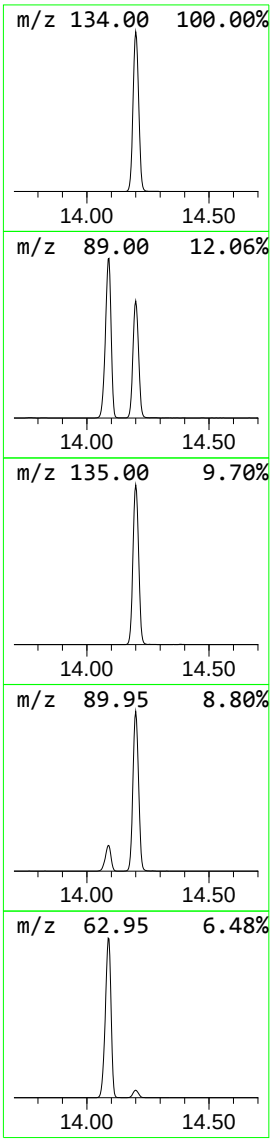
****

Peak Number 16 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	308.21 ug/L	4799760	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

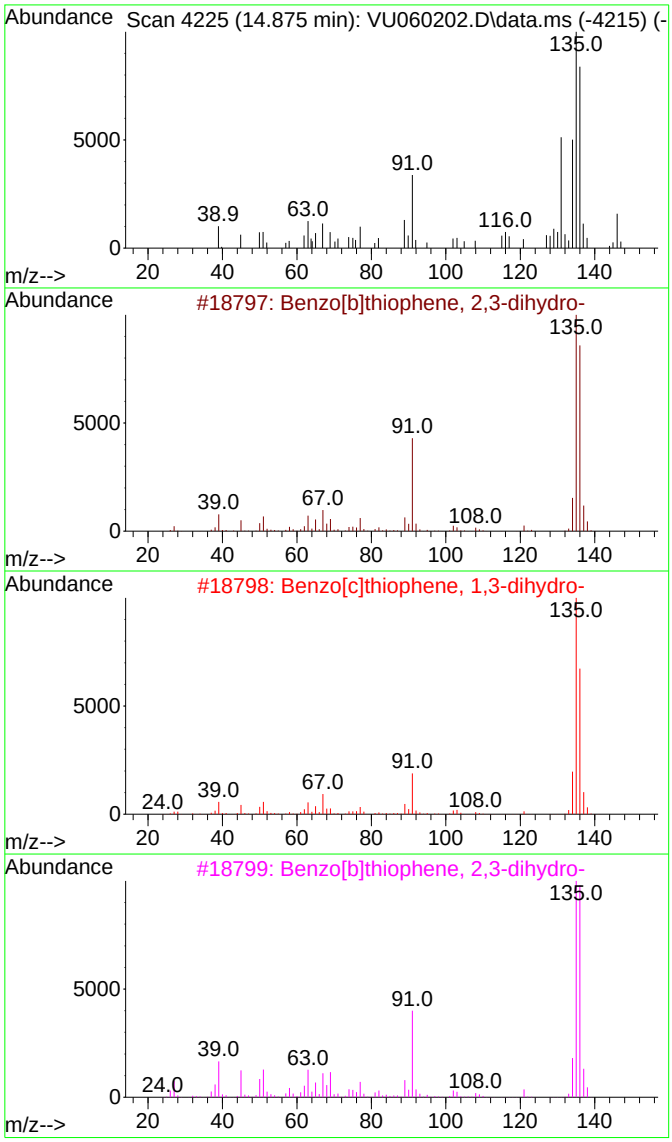
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

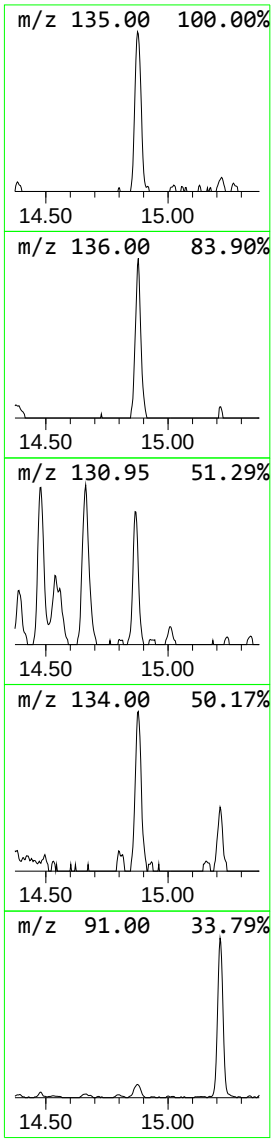
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.875	3.37 ug/L	52424	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	64
3	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	64
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	58
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	49





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Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

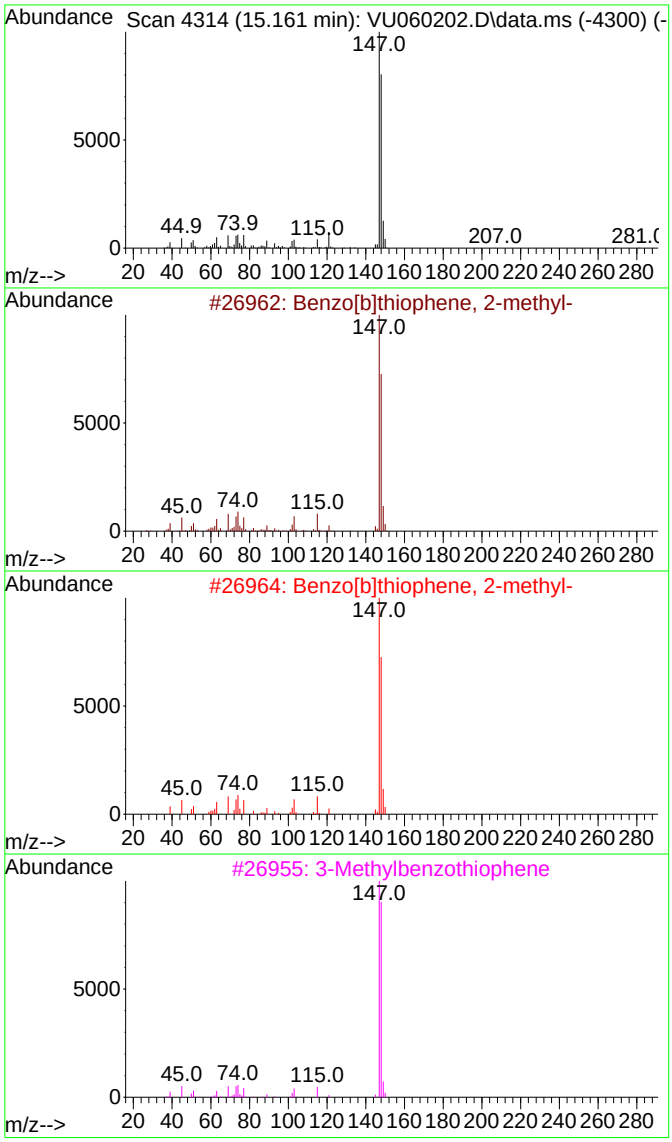
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

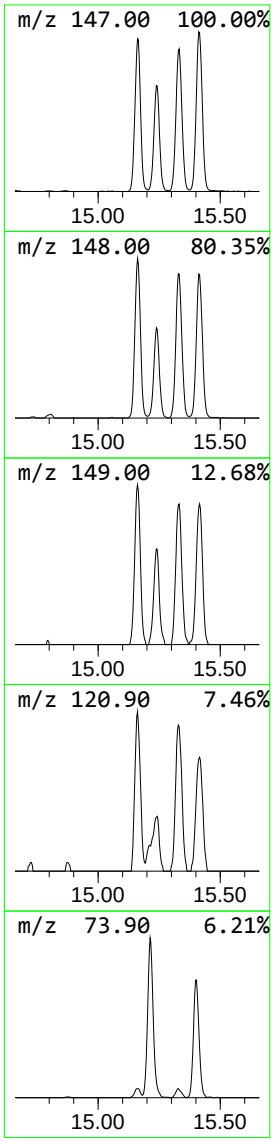
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]thiophene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.161	14.72 ug/L	229209	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86





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Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

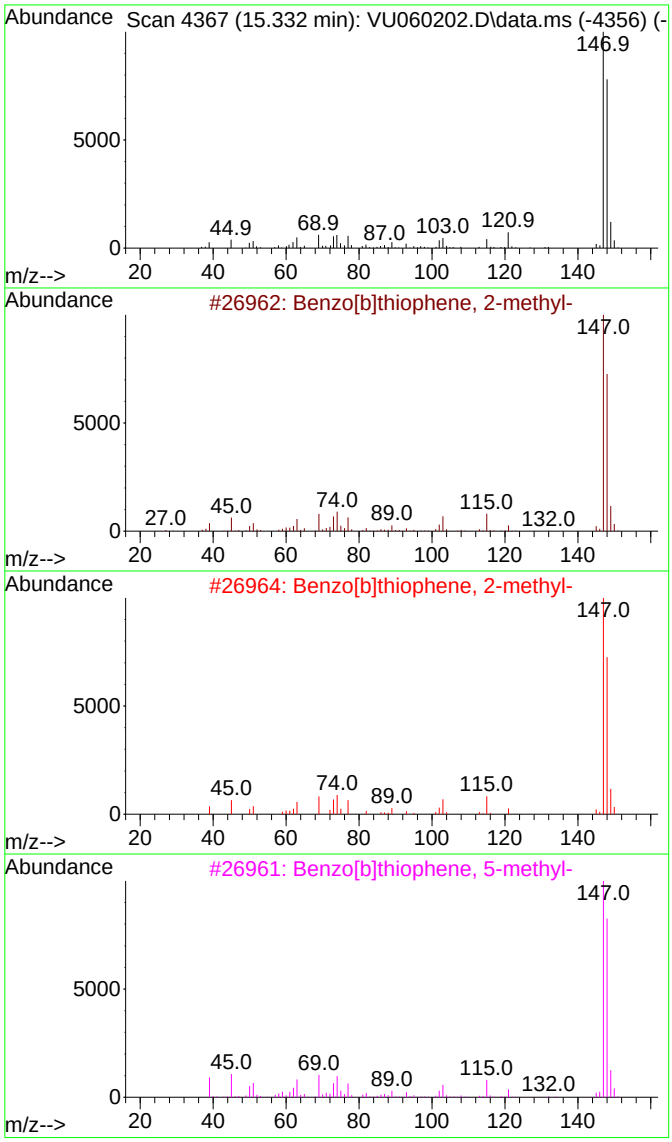
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

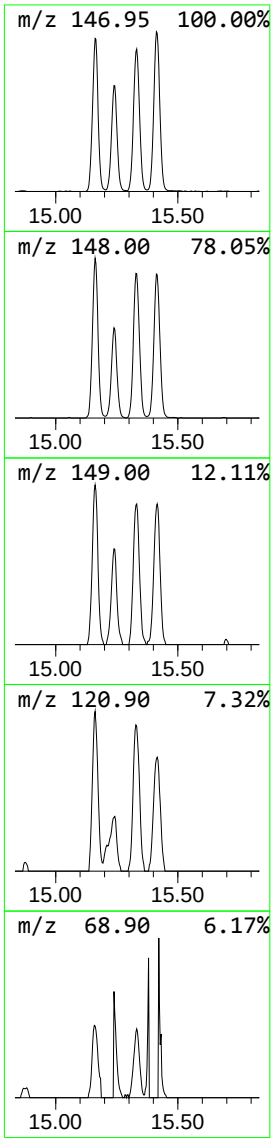
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[b]thiophene, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.332	14.90 ug/L	232024	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

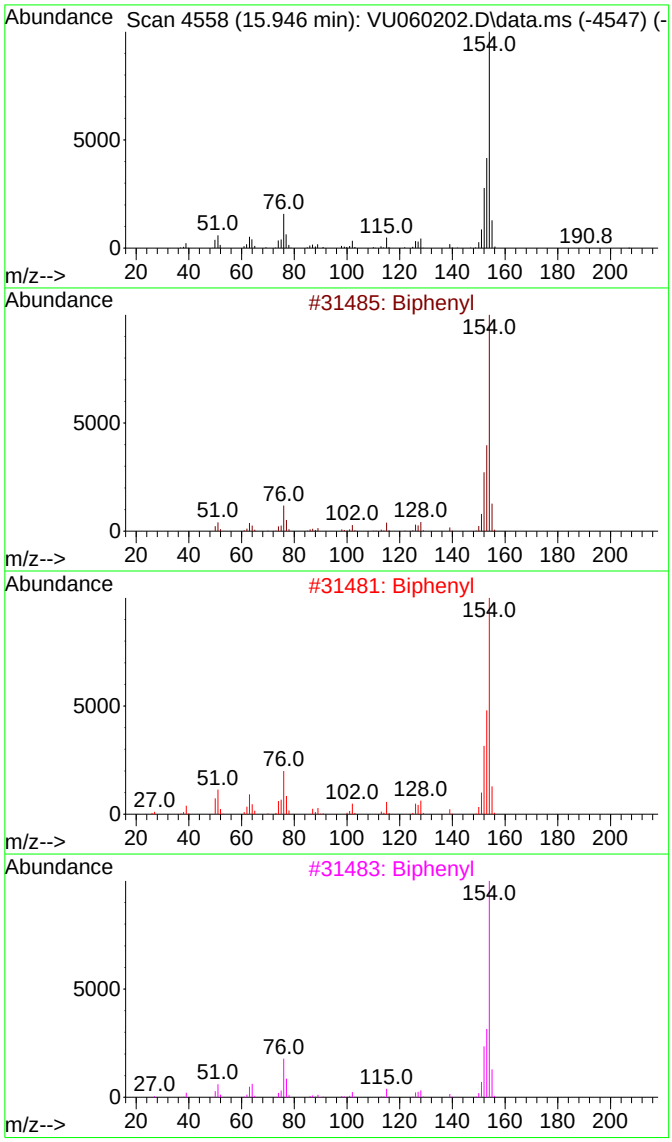
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

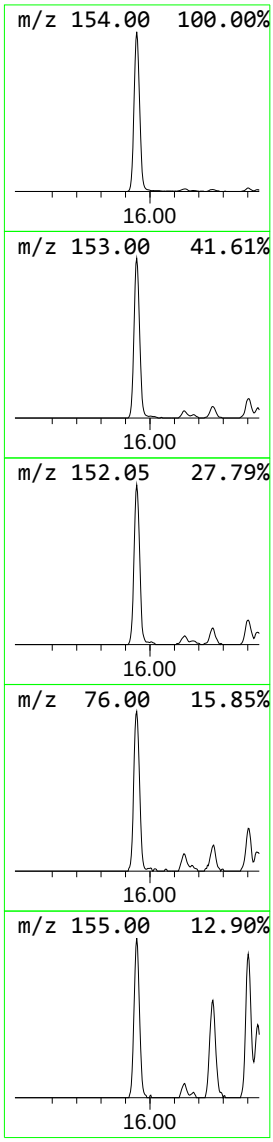
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 2-ethenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.946	18.51 ug/L	288255	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
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	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

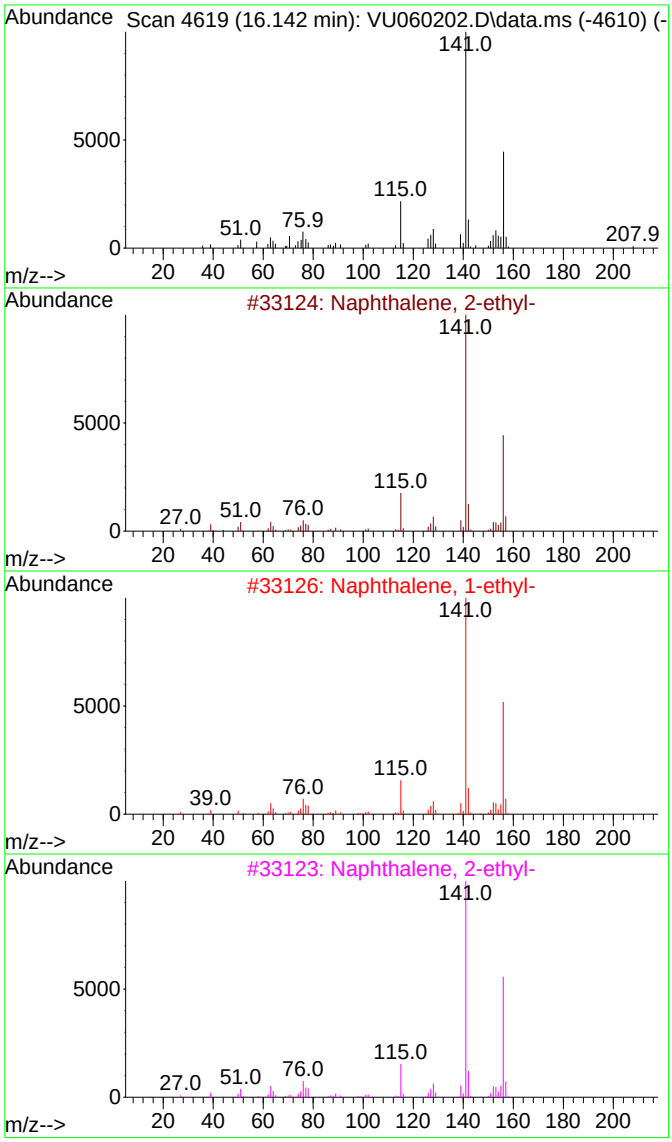
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

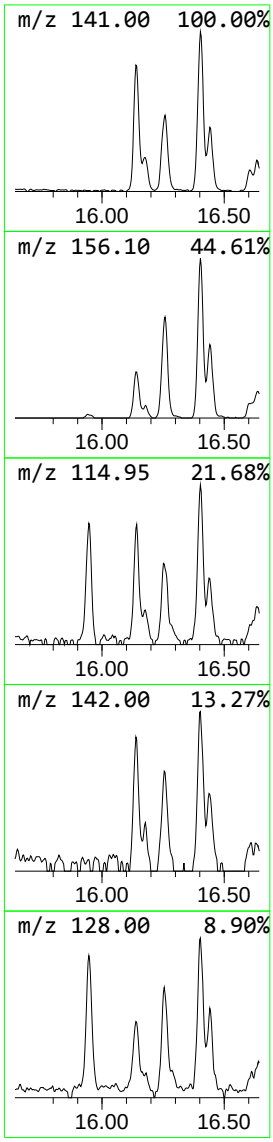
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 2-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.142	4.21 ug/L	65519	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

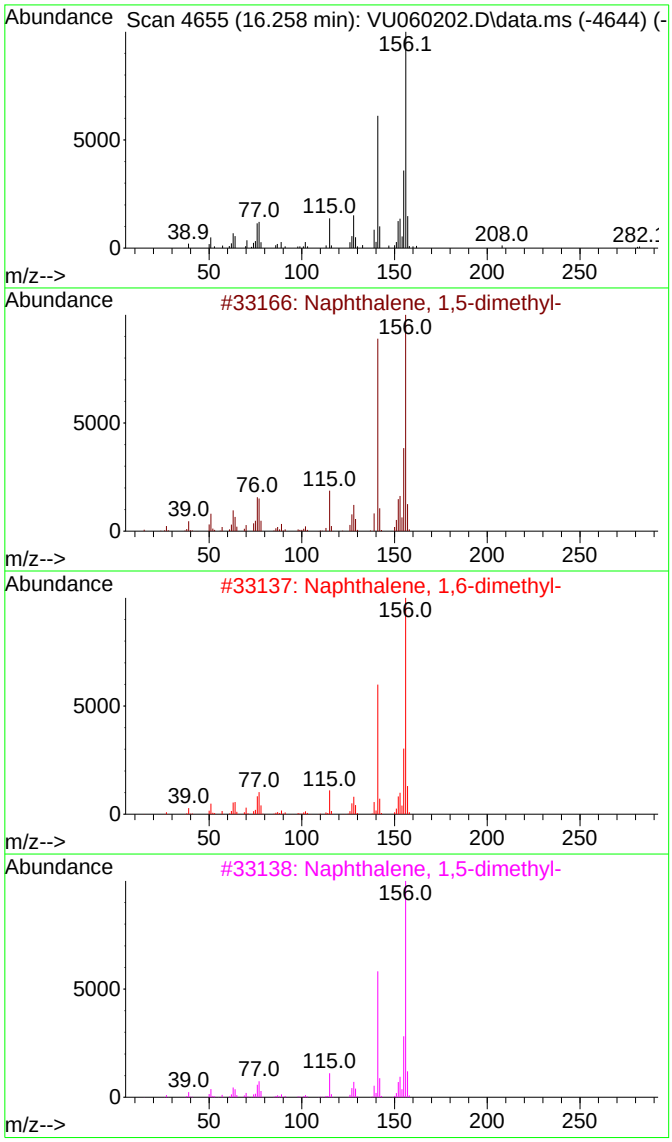
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

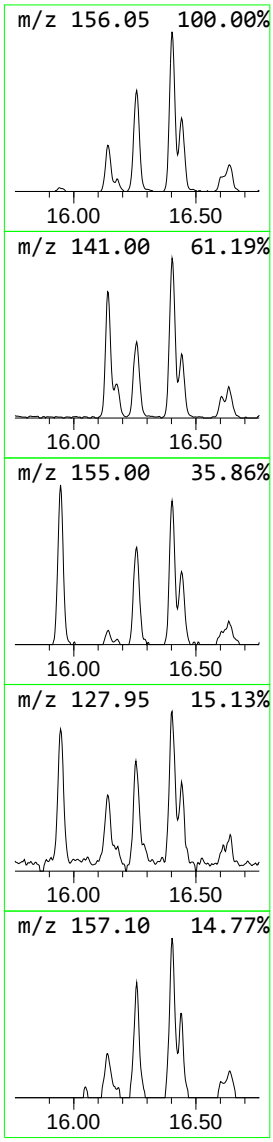
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.258	6.90 ug/L	107386	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

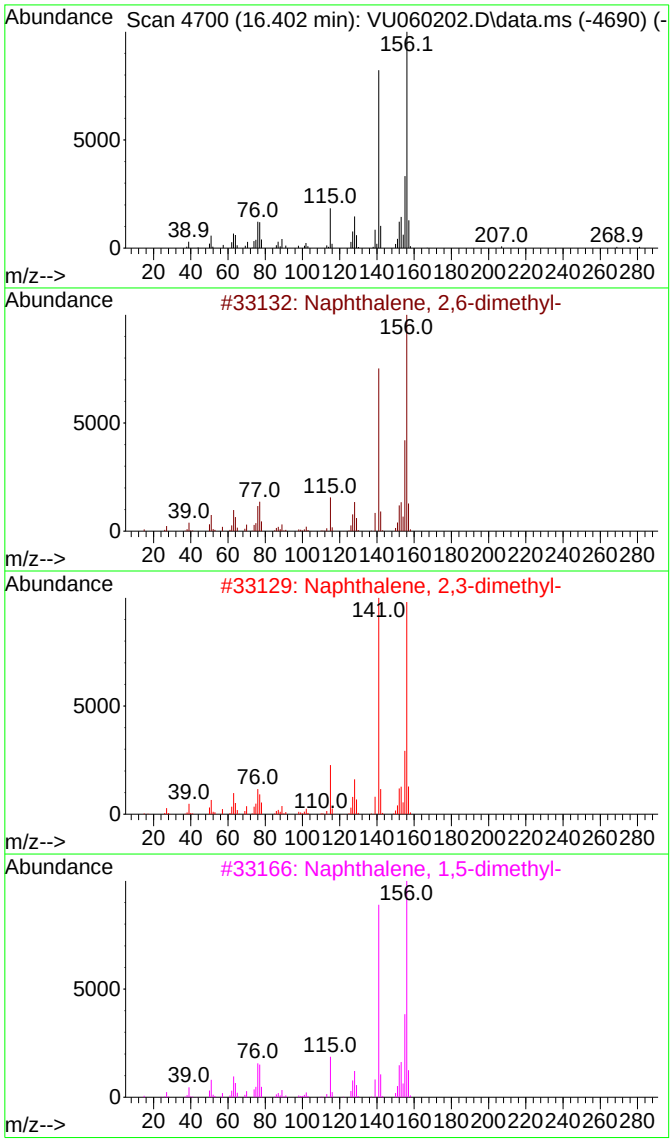
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

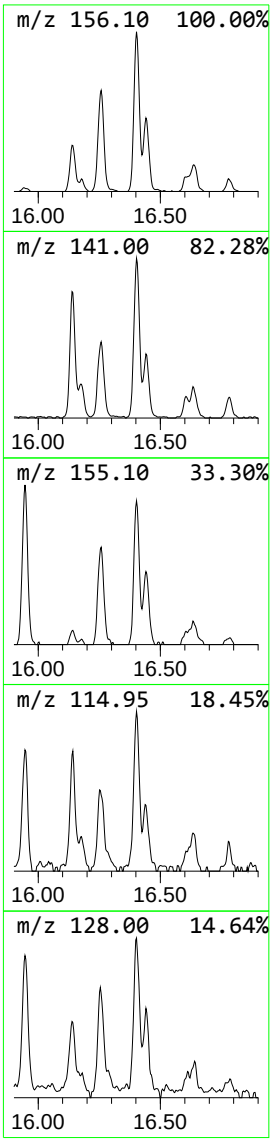
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	9.70 ug/L	151029	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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

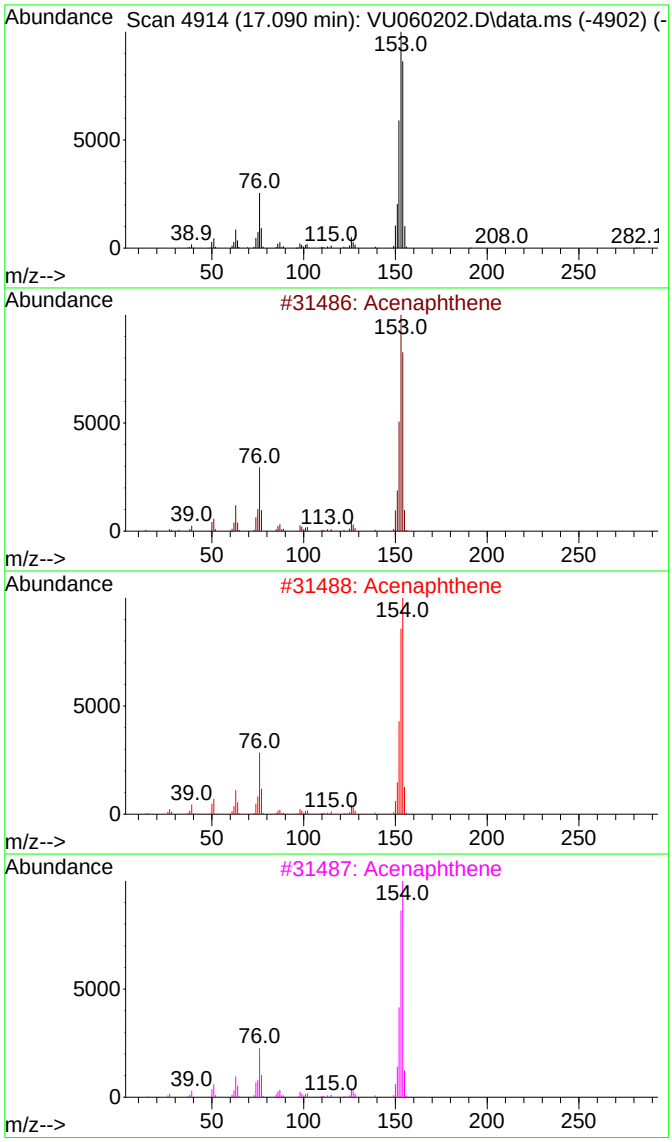
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

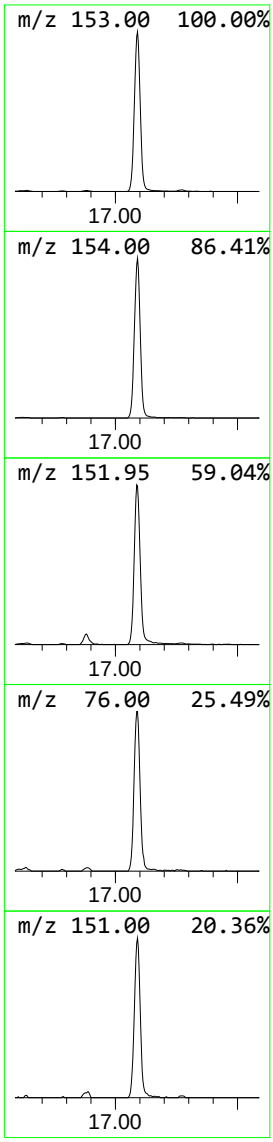
****

Peak Number 26 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	40.96 ug/L	637890	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Acenaphthene	154	C12H10	000083-32-9	64
3	Acenaphthene	154	C12H10	000083-32-9	60
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

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
Benzene, 1-ethy...	10.991	6.5	ug/L	100849	3	11.804	778639	50.0
Benzene, 1-ethy...	11.287	3.7	ug/L	57600	3	11.804	778639	50.0
Benzofuran	11.724	83.0	ug/L	1292830	3	11.804	778639	50.0
Indane	12.087	112.9	ug/L	1757710	3	11.804	778639	50.0
Indene	12.306	449.5	ug/L	6999840	3	11.804	778639	50.0
Indan, 1-methyl-	12.676	5.3	ug/L	82086	3	11.804	778639	50.0
Benzofuran, 7-m...	12.917	28.9	ug/L	450198	3	11.804	778639	50.0
Benzofuran, 2-m...	13.020	63.4	ug/L	986627	3	11.804	778639	50.0
1H-Indene, 2,3-...	13.287	9.8	ug/L	152777	3	11.804	778639	50.0
Benzene, 2-ethe...	13.448	22.4	ug/L	349409	3	11.804	778639	50.0
Benzene, (1-met...	13.515	4.5	ug/L	70507	3	11.804	778639	50.0
Cycloprop[a]ind...	13.621	17.3	ug/L	269861	3	11.804	778639	50.0
Azulene	14.091	5479.7	ug/L	85334000	3	11.804	778639	50.0
Benzo[c]thiophene	14.200	308.2	ug/L	4799760	3	11.804	778639	50.0
Benzo[b]thiophe...	14.875	3.4	ug/L	52424	3	11.804	778639	50.0
Benzo[b]thiophe...	15.161	14.7	ug/L	229209	3	11.804	778639	50.0
Benzo[b]thiophe...	15.332	14.9	ug/L	232024	3	11.804	778639	50.0
Naphthalene, 2-...	15.946	18.5	ug/L	288255	3	11.804	778639	50.0
Naphthalene, 2-...	16.142	4.2	ug/L	65519	3	11.804	778639	50.0
Naphthalene, 1,...	16.258	6.9	ug/L	107386	3	11.804	778639	50.0
Naphthalene, 2,...	16.402	9.7	ug/L	151029	3	11.804	778639	50.0
Hexa-2,4-diyn-1...	17.090	41.0	ug/L	637890	3	11.804	778639	50.0