LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY8

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: VU060212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.332	8	13	16	rBV	5627	4547	0.03%	0.015%
2	1.358	17	21	23	rBV	7947	6819	0.04%	0.023%
3	1.596	88	95	109	rVB	98633	115675	0.71%	0.385%
4	1.904	184	191	211	rVB	74763	106783	0.65%	0.356%
5	2.560	383	395	408	rBV	140074	227697	1.39%	0.759%
6	2.628	408	416	433	rVB2	15607	30002	0.18%	0.100%
7	2.788	456	466	480	rBV2	5940	12298	0.08%	0.041%
8	2.917	498	506	520	rVB5	1566	3336	0.02%	0.011%
9	3.039	541	544	555	rVB4	2293	3374	0.02%	0.011%
10	3.181	576	588	613	rVV3	7893	23803	0.15%	0.079%
11	4.618	1023	1035	1068	rBV	66605	184899	1.13%	0.616%
12	5.052	1155	1170	1195	rVV2	121832	267295	1.64%	0.891%
13	5.718	1357	1377	1387	rBV2	257666	699173	4.28%	2.330%
14	5.849	1416	1418	1425	rVB2	922	842	0.01%	0.003%
15	6.161	1502	1515	1528	rBV2	2019	4687	0.03%	0.016%
16	6.242	1528	1540	1570	rBV	279511	540617	3.31%	1.802%
17	6.541	1631	1633	1642	rVB4	1052	1012	0.01%	0.003%
18	6.682	1662	1677	1695	rBV	159096	312362	1.91%	1.041%
19	7.161	1821	1826	1827	rBV3	797	551	0.00%	0.002%
20	7.206	1832	1840	1844	rVV3	402	620	0.00%	0.002%
21	7.560	1938	1950	1972	rBV	71763	130717	0.80%	0.436%
22	7.792	2015	2022	2023	rBV2	2185	1735	0.01%	0.006%
23	7.891	2041	2053	2067	rBV	297679	517286	3.17%	1.724%
24	7.965	2068	2076	2091	rVB	54086	95773	0.59%	0.319%
25	8.097	2109	2117	2131	rVB2	5221	9367	0.06%	0.031%
26	8.174	2131	2141	2161	rBV2	48138	86081	0.53%	0.287%
27	8.627	2271	2282	2316	rBV	190343	376664	2.30%	1.255%
28	8.862	2351	2355	2362	rVV4	668	581	0.00%	0.002%
29	9.267	2472	2481	2492	rBV4	1513	2695	0.02%	0.009%
30	9.412	2513	2526	2548	rBV	406707	688643	4.21%	2.295%
31	9.563	2562	2573	2594	rVB	137048	223405	1.37%	0.744%
32	9.689	2594	2612	2634	rVB	98171	172901	1.06%	0.576%
33	9.830	2649	2656	2661	rBV5	1231	1845	0.01%	0.006%
34	9.862	2661	2666	2668	rBV3	1072	1020	0.01%	0.003%
35	10.055	2718	2726	2728	rVV2	1210	1572	0.01%	0.005%
36	10.094	2728	2738	2757	rVV	64695	110390	0.68%	0.368%

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Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AY8

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	10.248	2782	2786	2789	rBV3	712	670	0.00%	0.002%
38	10.338	2806	2814	2820	rBV4	637	877	0.01%	0.003%
39	10.480	2844	2858	2873	rBV	37061	58742	0.36%	0.196%
40	10.701	2920	2927	2930	rBV3	1026	1238	0.01%	0.004%
41	10.750	2930	2942	2960	rVB	238905	381554	2.33%	1.271%
42	10.904	2975	2990	3006	rBV	17983	31275	0.19%	0.104%
43	10.994	3007	3018	3022	rBV	18157	26725	0.16%	0.089%
44	11.084	3037	3046	3060	rVB2	16038	26065	0.16%	0.087%
45	11.216	3082	3087	3090	rBV4	652	556	0.00%	0.002%
46	11.287	3100	3109	3128	rBV3	12334	22601	0.14%	0.075%
47	11.463	3152	3164	3177	rVV	45642	71608	0.44%	0.239%
48	11.537	3181	3187	3196	rBV4	1492	2260	0.01%	0.008%
49	11.598	3198	3206	3207	rVV4	936	990	0.01%	0.003%
50	11.637	3210	3218	3228	rVB6	8225	13199	0.08%	0.044%
51	11.724	3235	3245	3258	rVV	61535	106139	0.65%	0.354%
52	11.804	3258	3270	3288	rVV	427268	695666	4.26%	2.318%
53	11.888	3288	3296	3308	rVV	23156	39809	0.24%	0.133%
54	11.946	3308	3314	3325	rVB6	2991	5008	0.03%	0.017%
55	12.004	3325	3332	3338	rBV5	1388	2095	0.01%	0.007%
56	12.087	3343	3358	3378	rBV	745593	1180879	7.23%	3.935%
57	12.187	3378	3389	3405	rVB	331202	541746	3.32%	1.805%
58	12.306	3413	3426	3440	rBV	365541	583753	3.57%	1.945%
59	12.467	3463	3476	3494	rVB6	10334	28990	0.18%	0.097%
60	12.566	3497	3507	3515	rBV	22884	34782	0.21%	0.116%
61	12.676	3529	3541	3561	rBV	80870	135926	0.83%	0.453%
62	12.804	3573	3581	3591	rBV8	4566	6413	0.04%	0.021%
63	12.872	3591	3602	3608	rBV3	5382	9085	0.06%	0.030%
64	12.920	3608	3617	3626	rBV2	74914	130664	0.80%	0.435%
65	13.023	3639	3649	3670	rBV3	118721	263465	1.61%	0.878%
66	13.193	3696	3702	3712	rVB2	7882	11260	0.07%	0.038%
67	13.245	3712	3718	3723	rBV3	2928	3591	0.02%	0.012%
68	13.290	3723	3732	3739	rBV	20783	31611	0.19%	0.105%
69	13.405	3759	3768	3772	rBV6	5196	8816	0.05%	0.029%
70	13.447	3772	3781	3792	rVV3	48174	80978	0.50%	0.270%
71	13.515	3793	3802	3811	rVV3	28275	44129	0.27%	0.147%
72	13.621	3824	3835	3848	rVB3	52028	89939	0.55%	0.300%
73	13.727	3857	3868	3876	rBV5	21977	40431	0.25%	0.135%
74	13.778	3876	3884	3892	rVB4	20763	32617	0.20%	0.109%
75	13.827	3892	3899	3908	rBV6	19024	29950	0.18%	0.100%
76	14.000	3950	3953	3958	rVB4	1433	1062	0.01%	0.004%

LSC Area Percent Report

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Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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	14.077	3959	3977	3997	rBV	10314647	16341203	100.00%	54.454%
78	14.200	4005	4015	4025	rBV	490226	773422	4.73%	2.577%
79	14.335	4050	4057	4067	rVV3	18531	28389	0.17%	0.095%
80	14.389	4068	4074	4084	rVB7	7271	11577	0.07%	0.039%
81	14.476	4093	4101	4108	rBV4	10873	17537	0.11%	0.058%
82	14.666	4150	4160	4171	rBV6	17162	36916	0.23%	0.123%
83	14.801	4194	4202	4214	rBV3	21544	39402	0.24%	0.131%
84	14.872	4216	4224	4237	rVB4	37501	66305	0.41%	0.221%
85	15.016	4260	4269	4277	rBV7	6672	11840	0.07%	0.039%
86	15.161	4298	4314	4321	rBV	51692	94700	0.58%	0.316%
87	15.216	4321	4331	4357	rVB	359569	617728	3.78%	2.058%
88	15.335	4359	4368	4376	rVB2	10620	16239	0.10%	0.054%
89	15.402	4376	4389	4416	rBV	685425	1131357	6.92%	3.770%
90	15.749	4493	4497	4499	rBV4	861	724	0.00%	0.002%
91	15.917	4540	4549	4550	rBV7	6844	7912	0.05%	0.026%
92	15.946	4552	4558	4570	rVV	33715	52754	0.32%	0.176%
93	16.007	4571	4577	4585	rVB4	9167	11778	0.07%	0.039%
94	16.142	4604	4619	4623	rBV4	17442	29643	0.18%	0.099%
95	16.177	4625	4630	4643	rVB2	34158	49228	0.30%	0.164%
96	16.254	4646	4654	4661	rBV3	29158	49248	0.30%	0.164%
97	16.402	4684	4700	4708	rBV2	71382	129965	0.80%	0.433%
98	16.605	4754	4763	4768	rBV2	28547	46466	0.28%	0.155%
99	16.778	4809	4817	4829	rBV3	23414	37992	0.23%	0.127%
100	17.090	4902	4914	4934	rBV	395391	662454	4.05%	2.208%

Sum of corrected areas: 30009010

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
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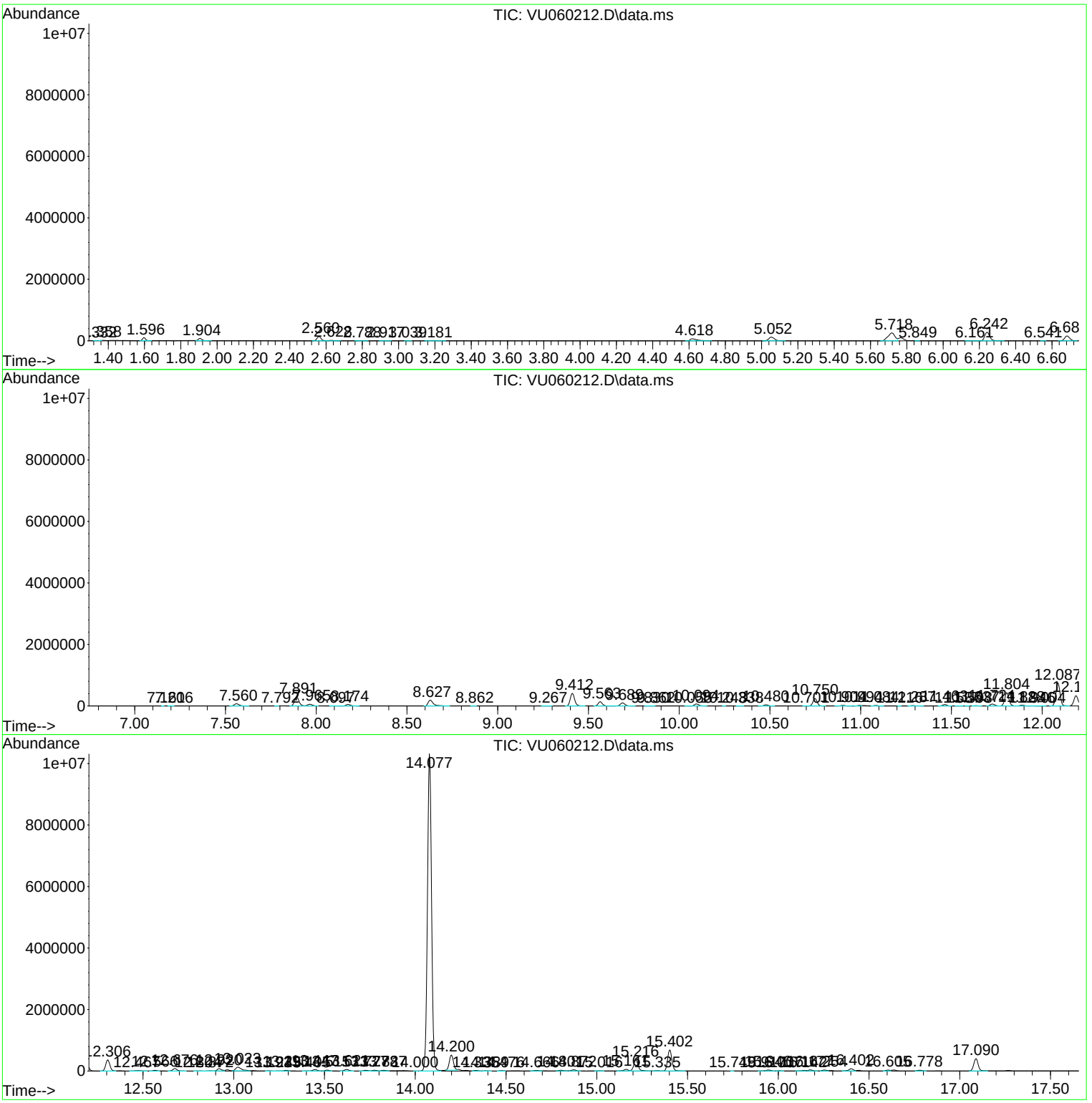
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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

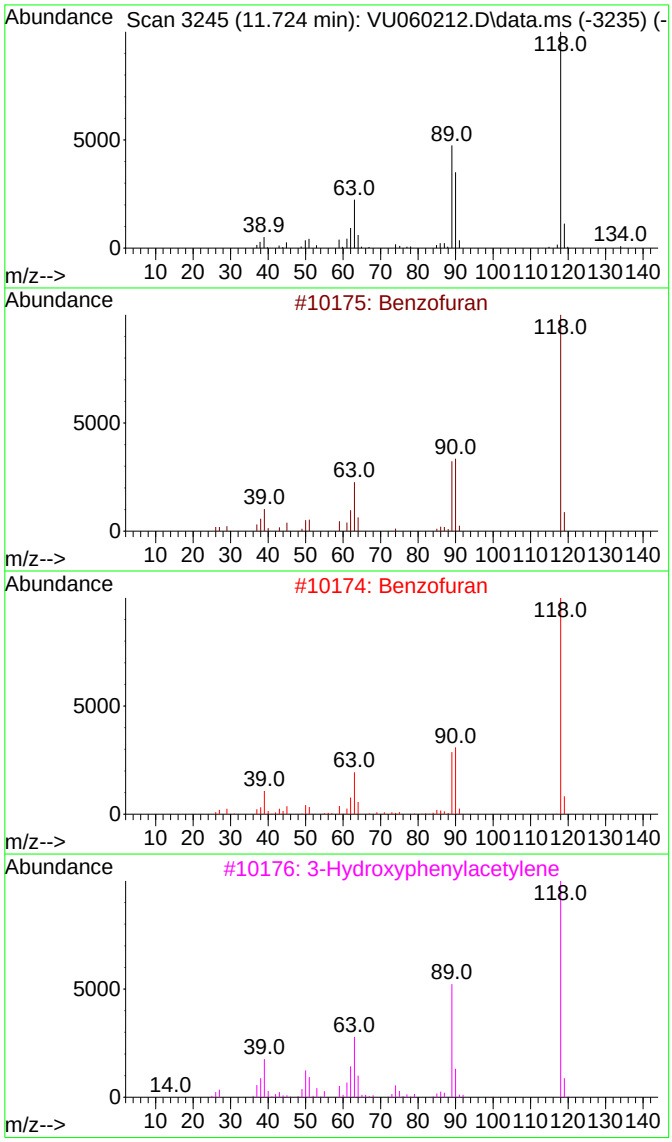
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

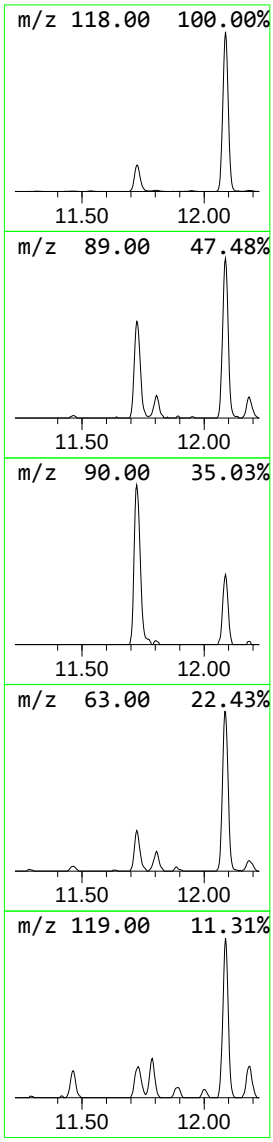
****

Peak Number 2 Benzofuran Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.724	7.63 ug/L	106139	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	95
2	Benzofuran	118	C8H6O	000271-89-6	94
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	91
4	Benzofuran	118	C8H6O	000271-89-6	87
5	Benzofuran	118	C8H6O	000271-89-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

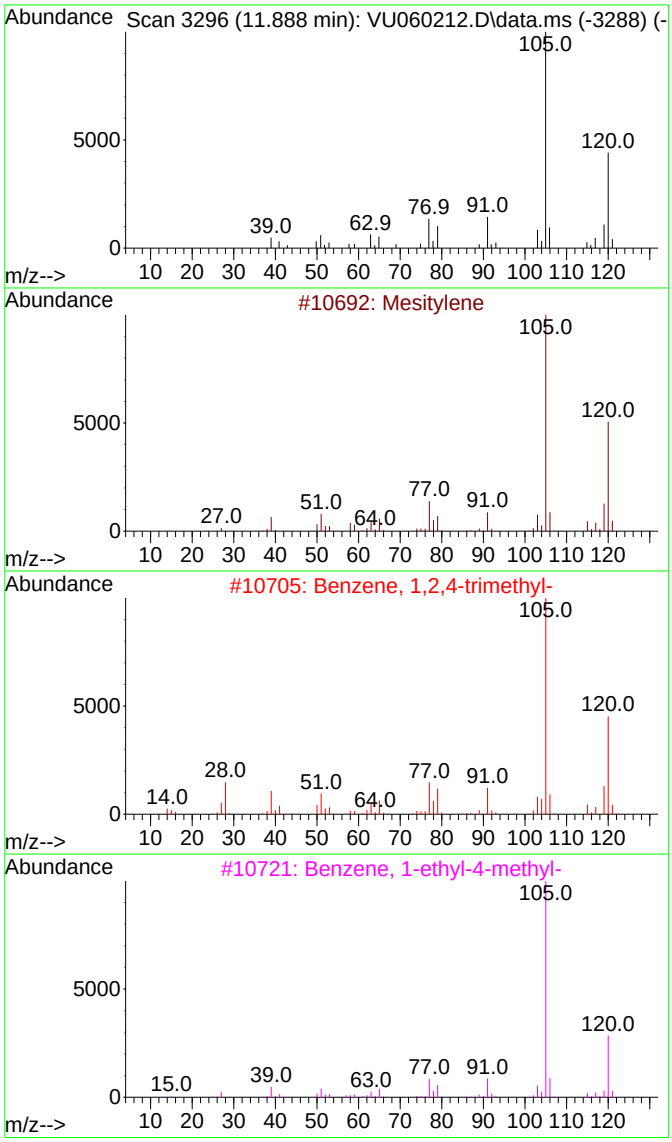
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

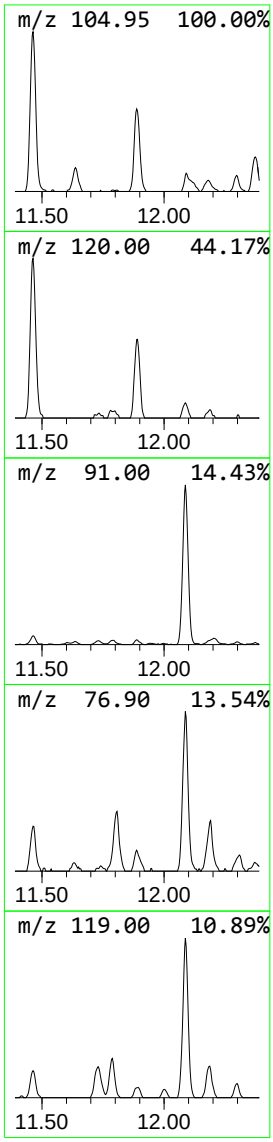
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	2.86 ug/L	39809	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
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Acq On : 26 Jul 2024 07:45
Operator : MD/SY
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ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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

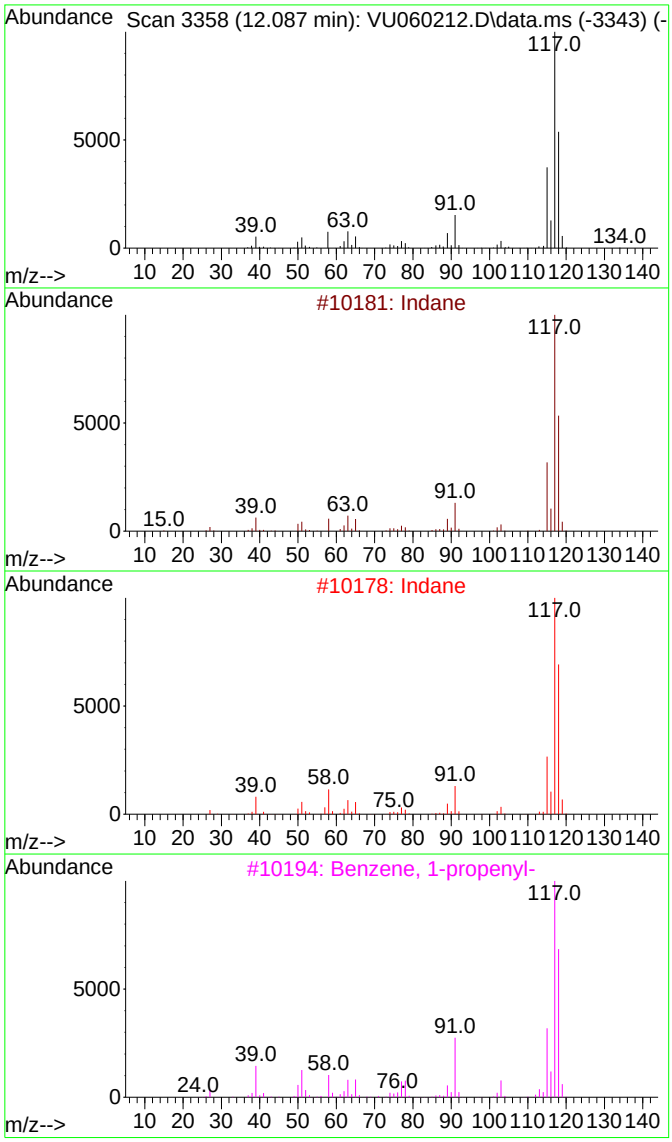
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

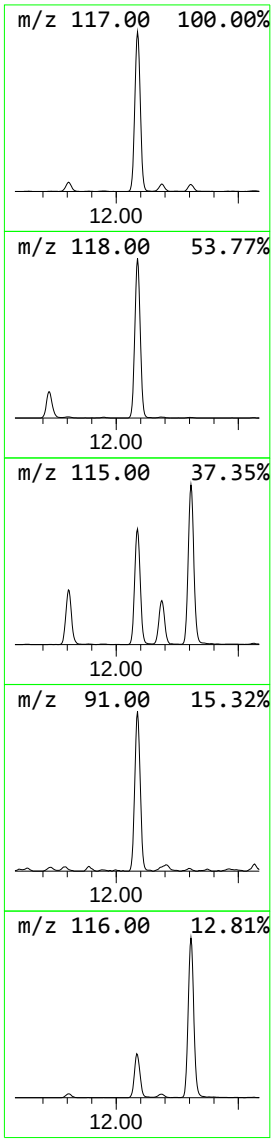
****

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	84.87 ug/L	1180880	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	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	83
5	Deltacyclene	118	C9H10	007785-10-6	80





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ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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

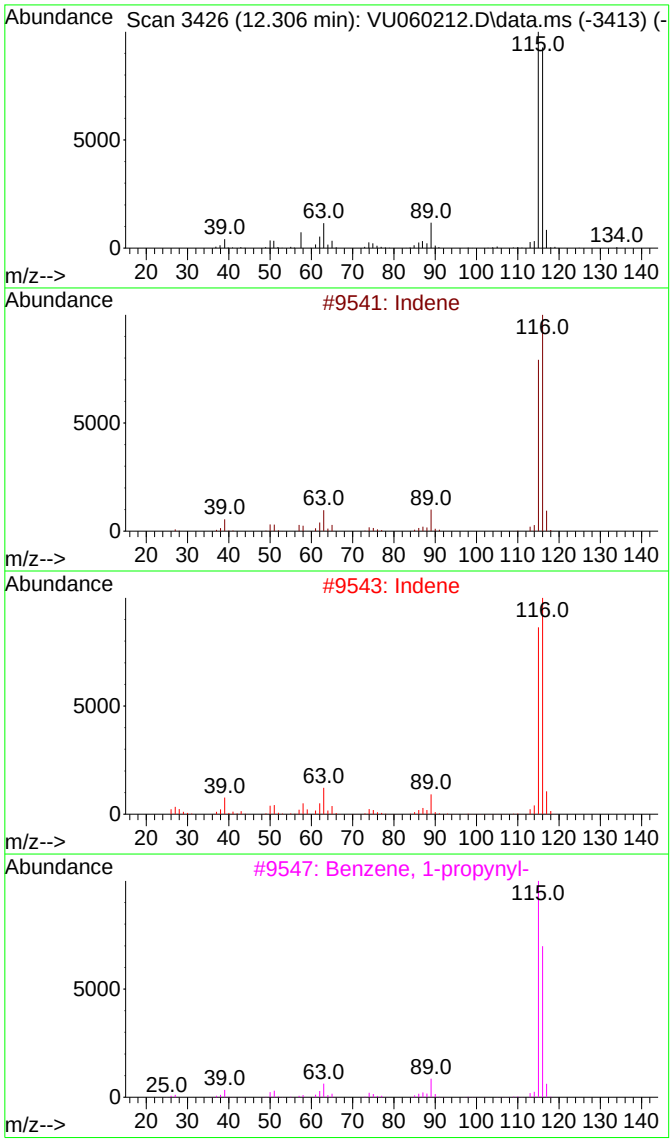
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

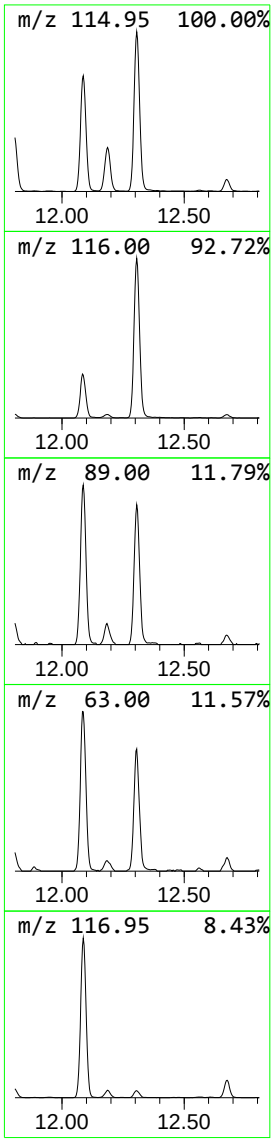
****

Peak Number 5 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	41.96 ug/L	583753	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

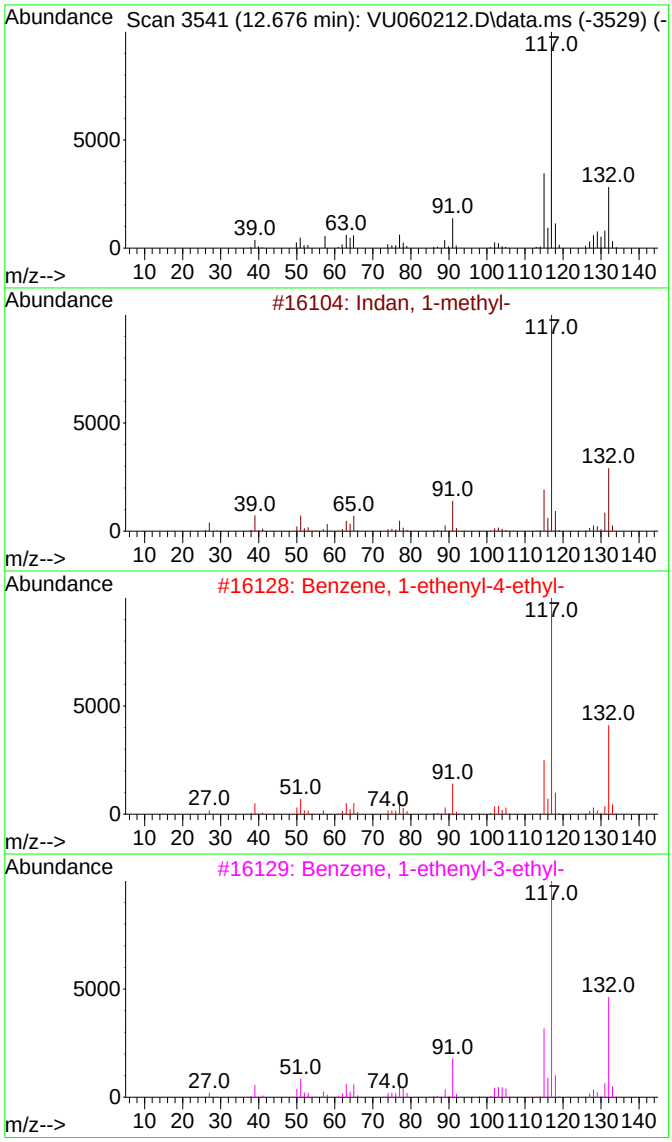
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

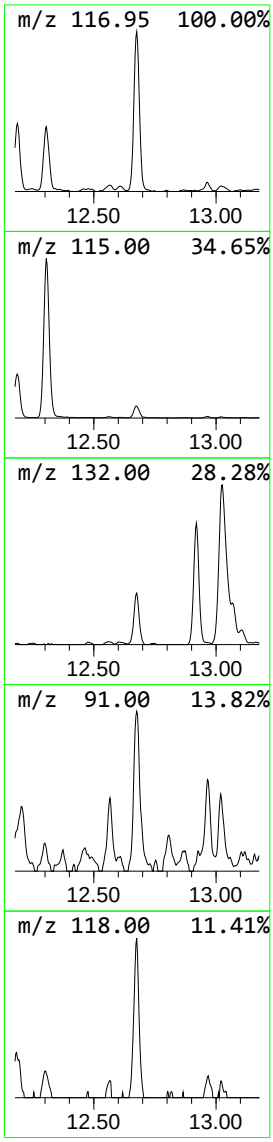
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	9.77 ug/L	135926	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	74





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Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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

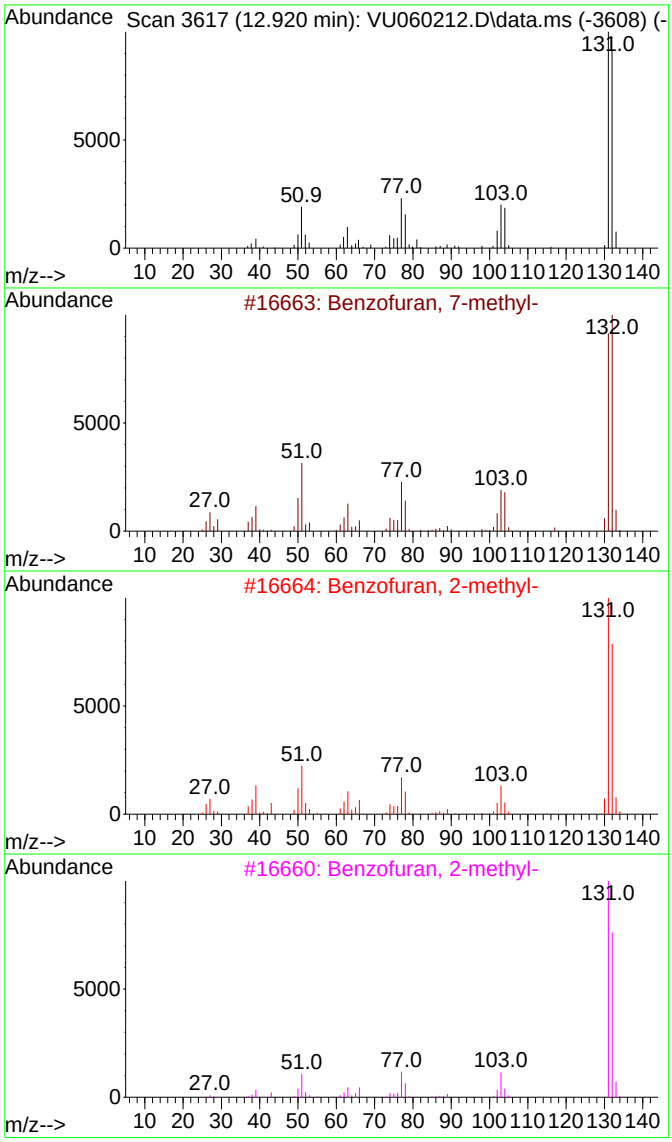
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

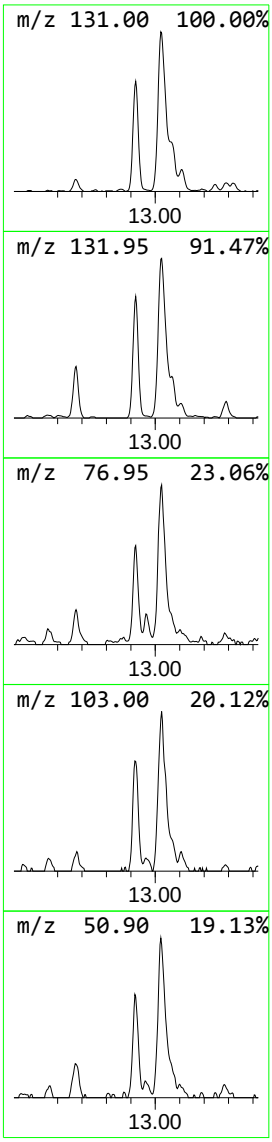
****

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	9.39 ug/L	130664	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

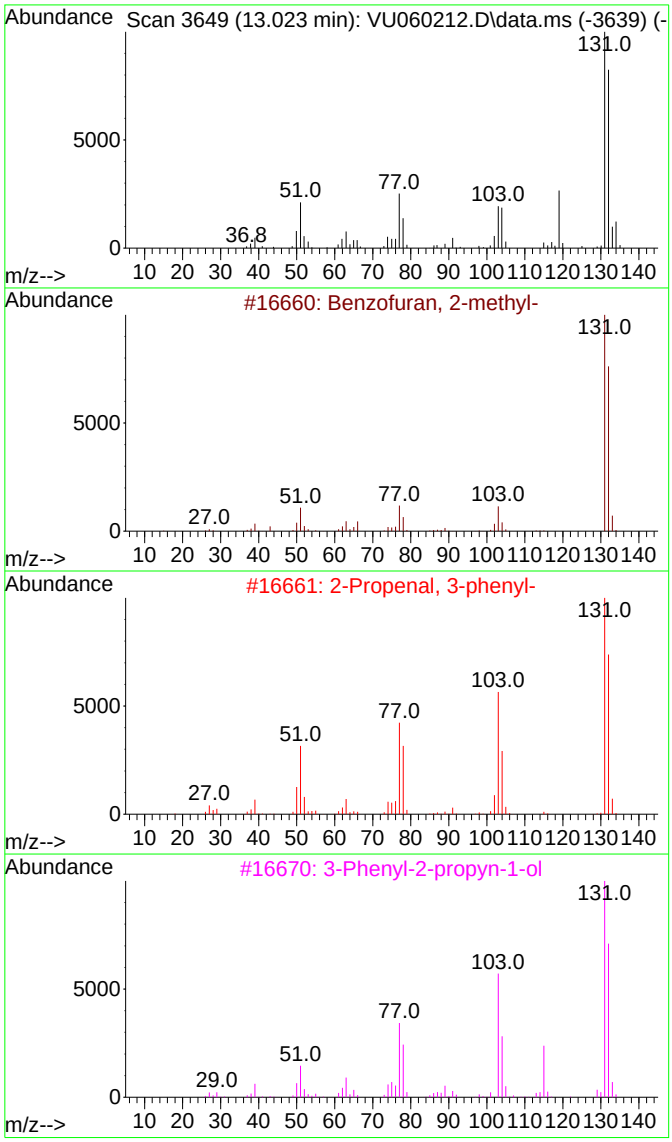
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

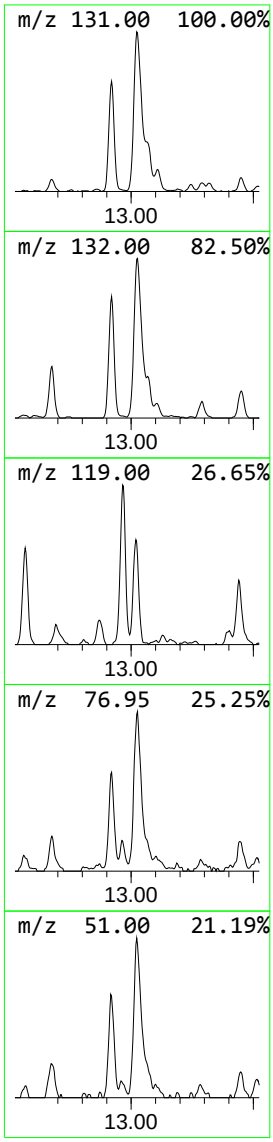
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.023	18.94 ug/L	263465	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	80





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Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

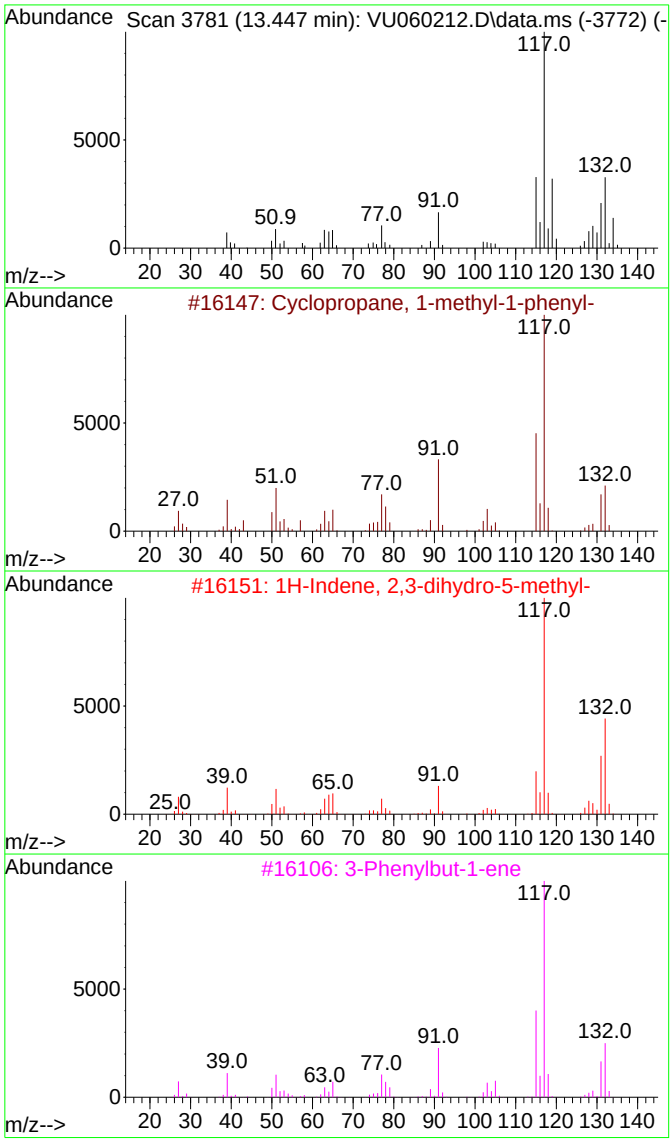
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

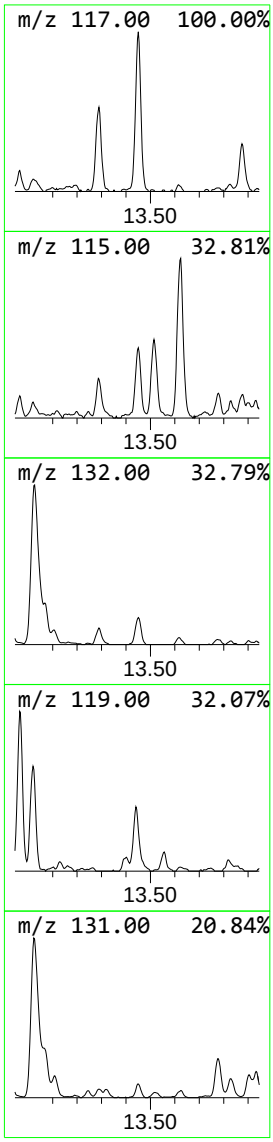
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopropane, 1-methyl-1-ph... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	5.82 ug/L	80978	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	76
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	72
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62





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Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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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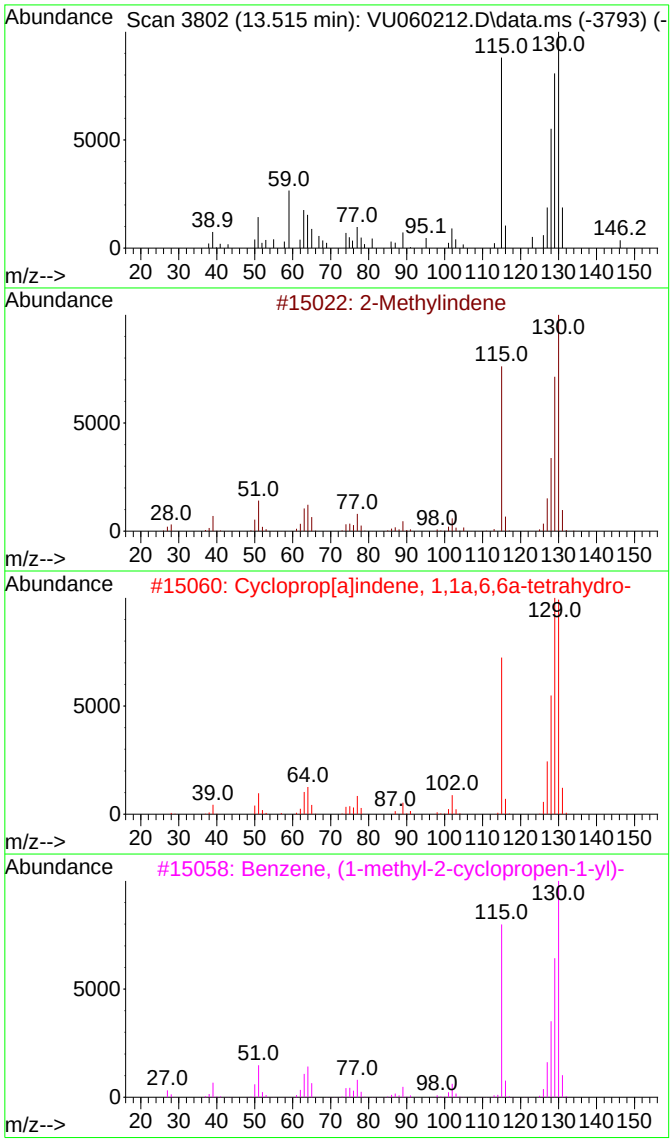
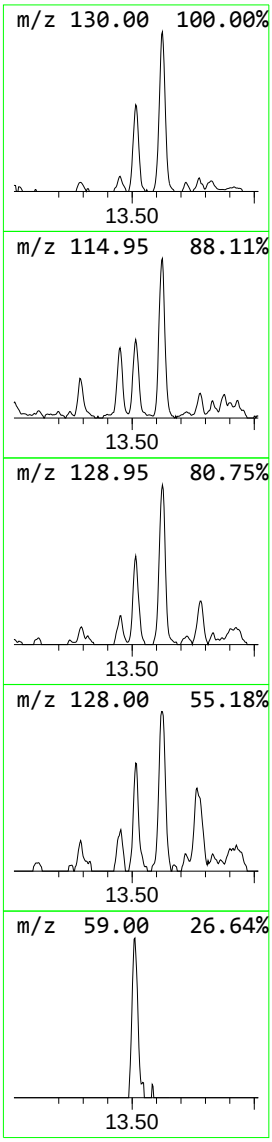
Peak Number 10 2-Methylindene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	3.17 ug/L	44129	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	94
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	81





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Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

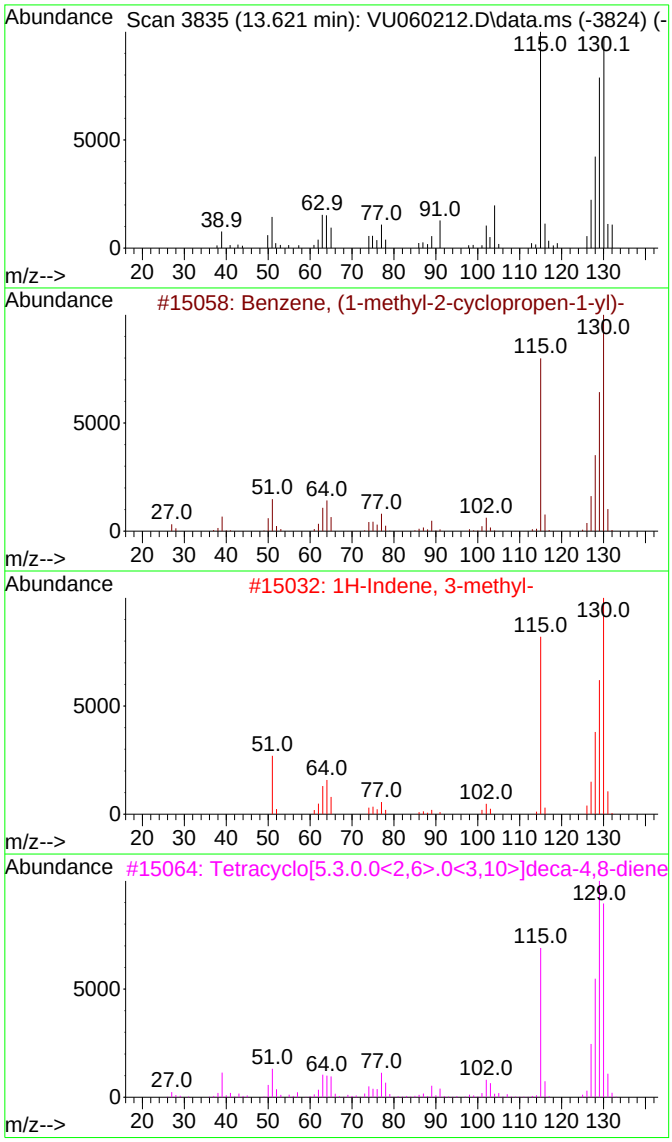
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

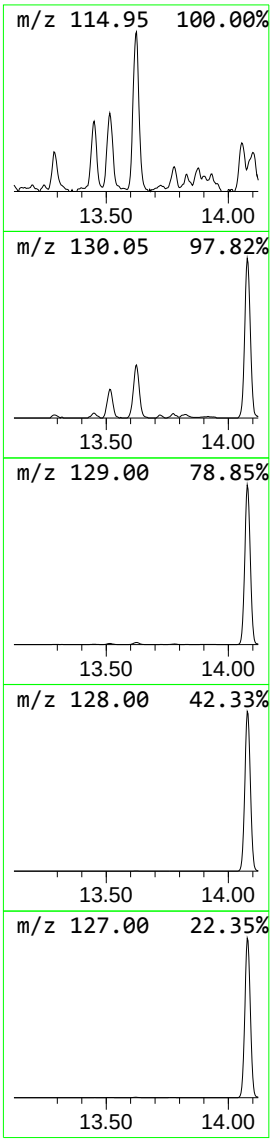
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (1-methyl-2-cyclop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	6.46 ug/L	89939	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	96
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
3	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	95
4	2-Methylindene	130	C10H10	002177-47-1	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93





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Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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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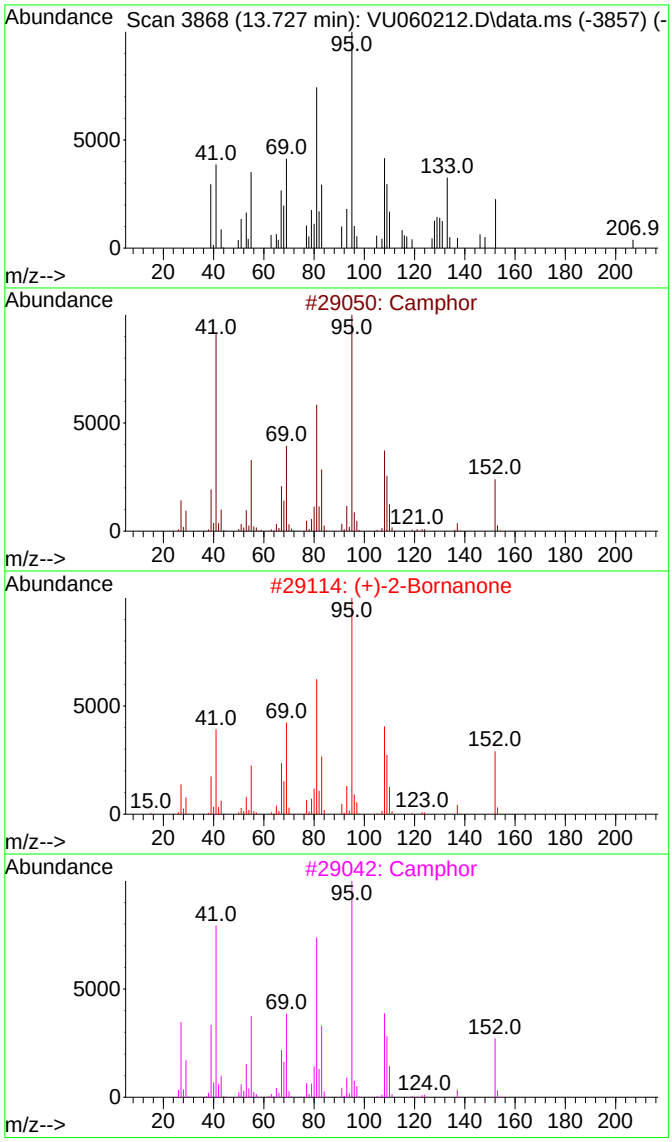
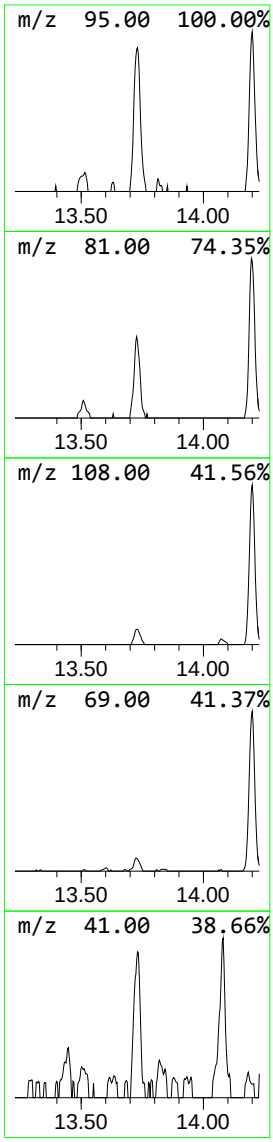
Peak Number 12 Camphor Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	2.91 ug/L	40431	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	96
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
3	Camphor	152	C10H16O	000076-22-2	95
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	94





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Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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

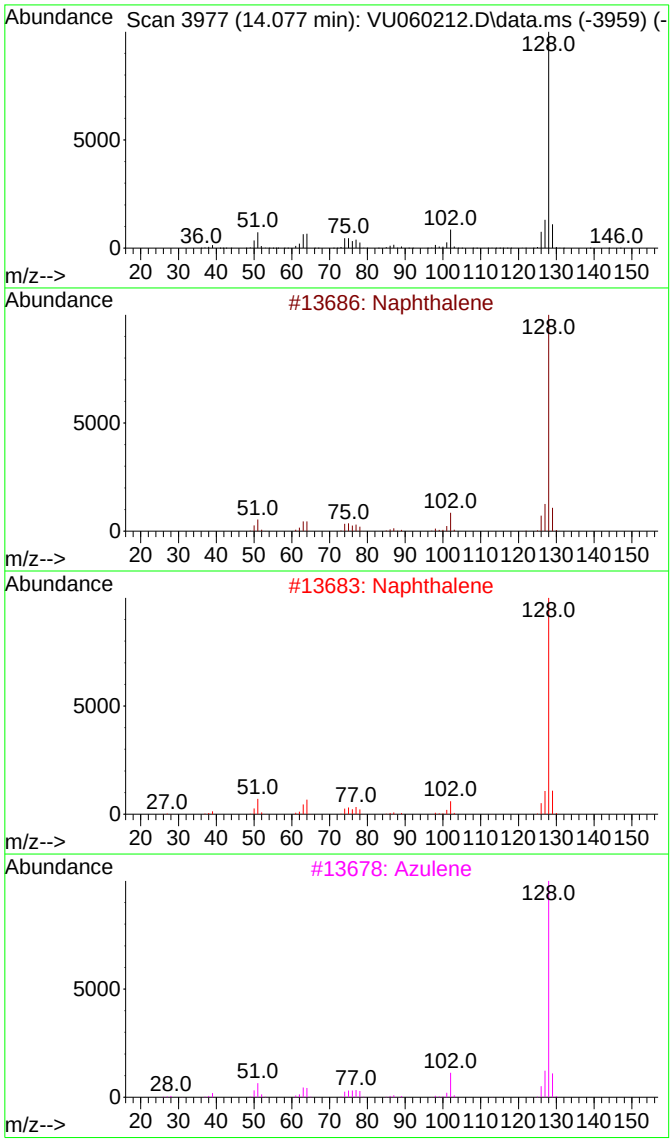
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

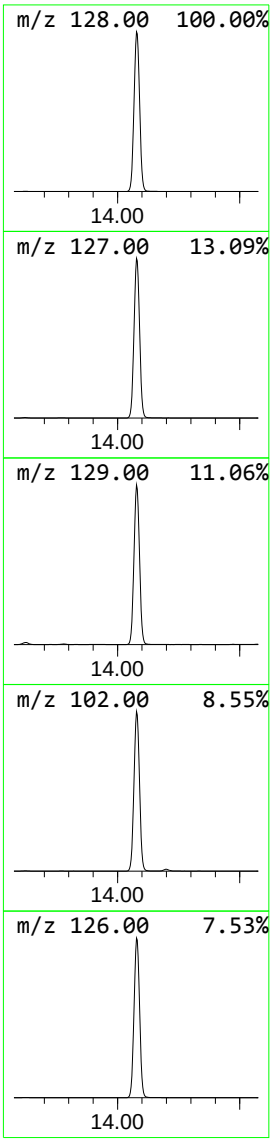
****

Peak Number 13 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	1174.50 ug/L	16341200	1,4-Dichlorobenzene-d4	11.804

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





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Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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

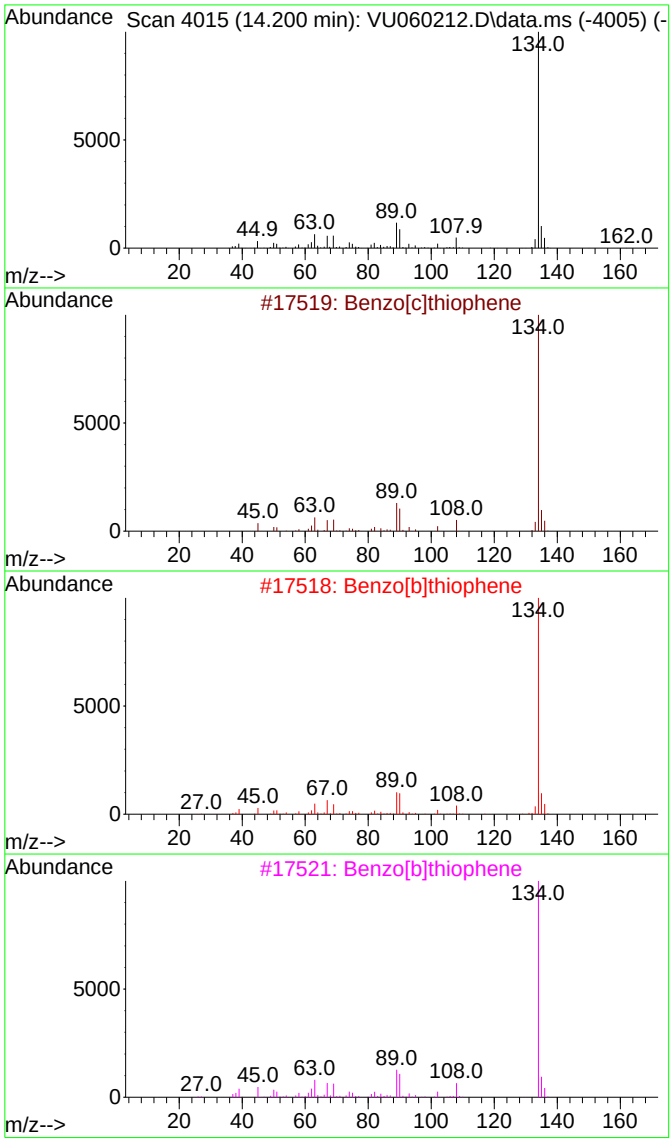
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

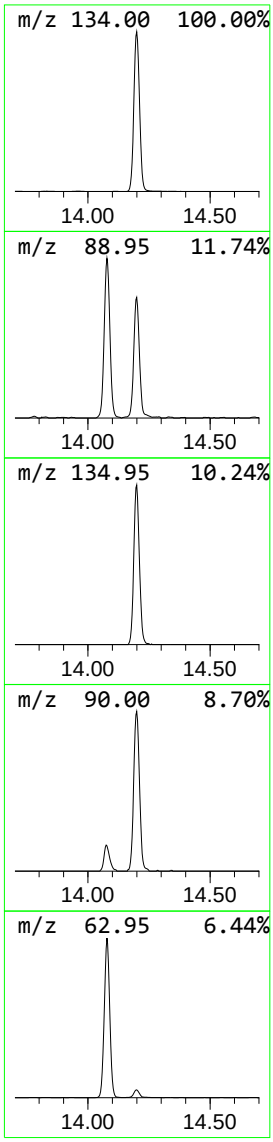
****

Peak Number 14 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	55.59 ug/L	773422	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	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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Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

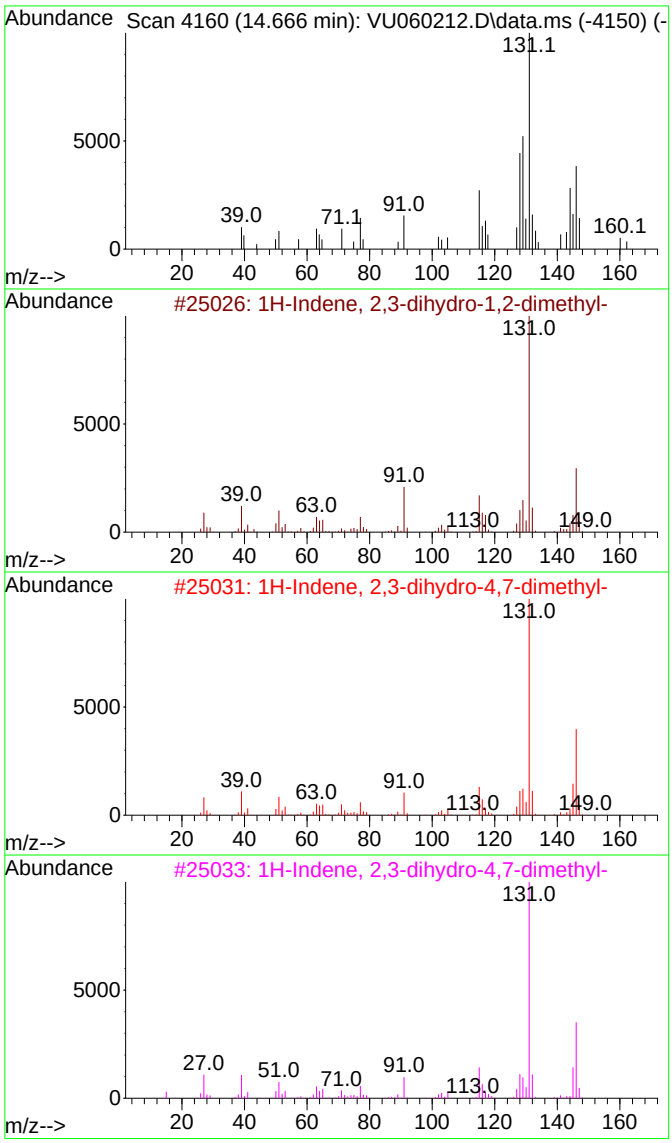
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

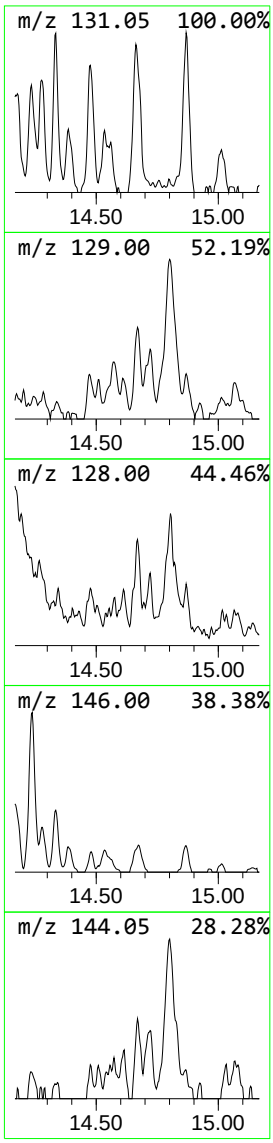
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	2.65 ug/L	36916	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	52
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	49





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Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

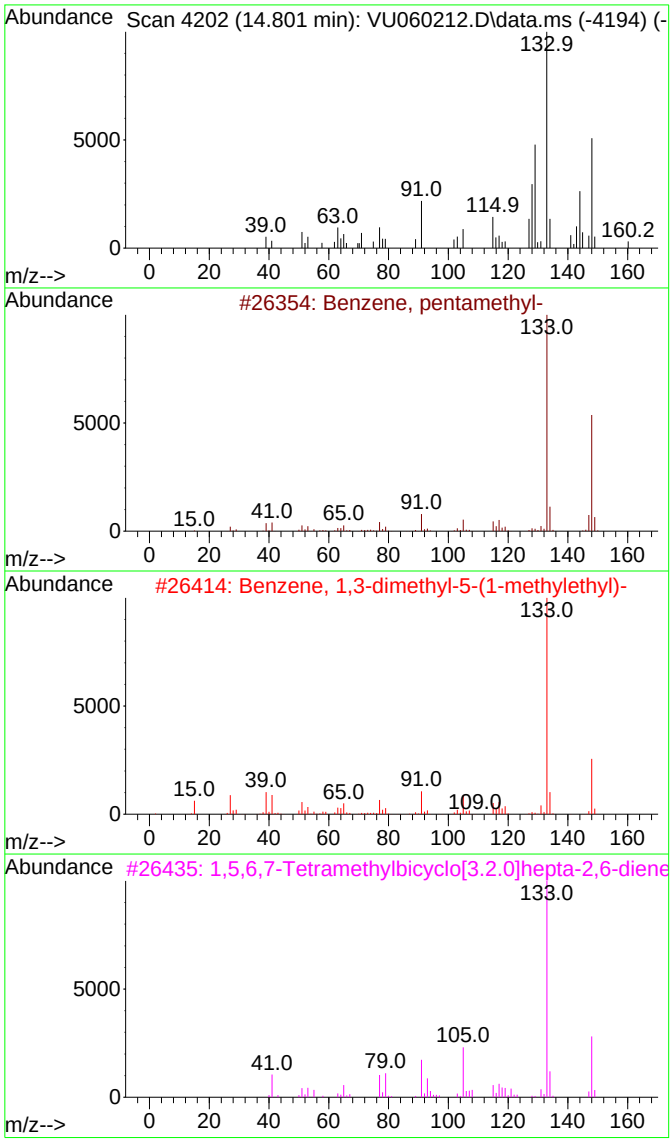
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

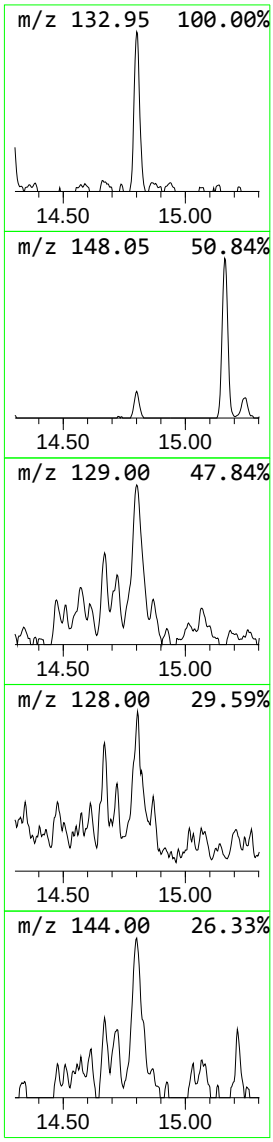
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, pentamethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	2.83 ug/L	39402	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	55
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	55
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	46





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ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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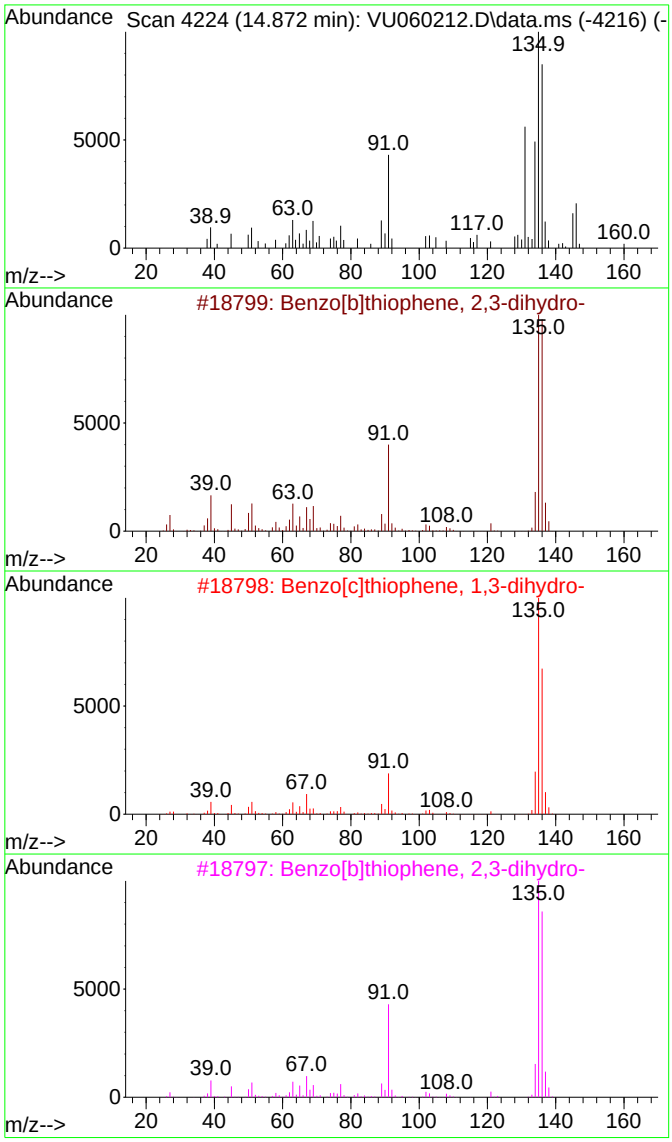
Quant Title : VOC Analysis

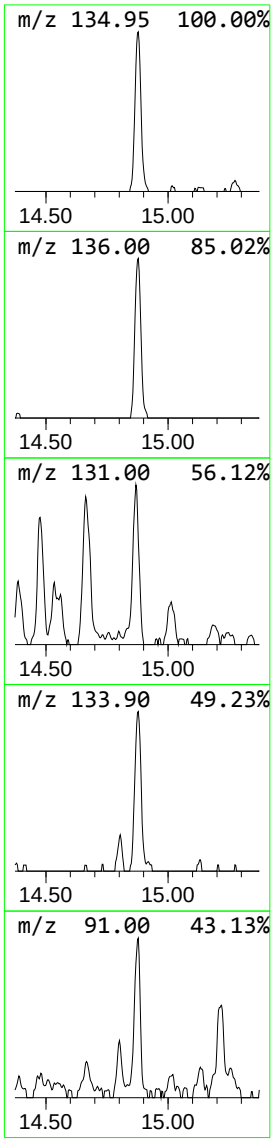
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.872	4.77 ug/L	66305	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	92
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	60
3	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	58
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	49
5	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

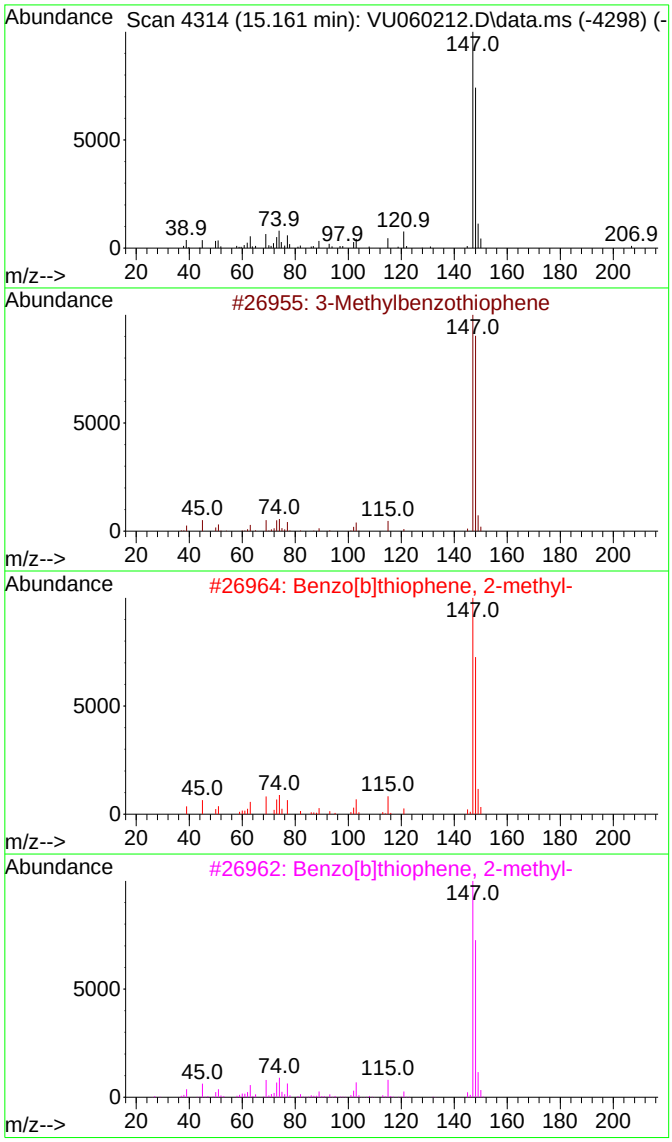
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

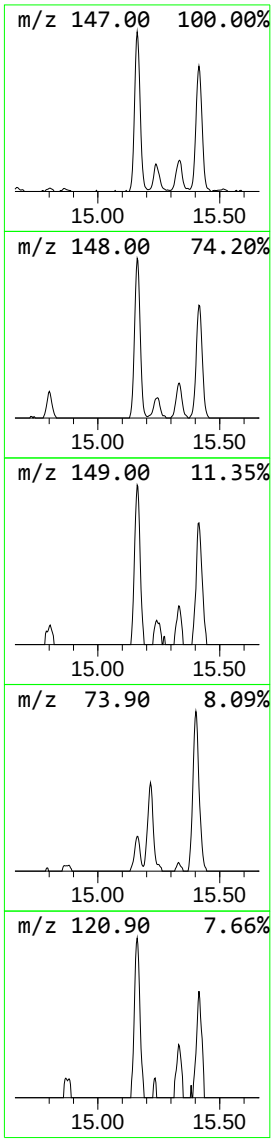
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3-Methylbenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.161	6.81 ug/L	94700	1,4-Dichlorobenzene-d4	11.804

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





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Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

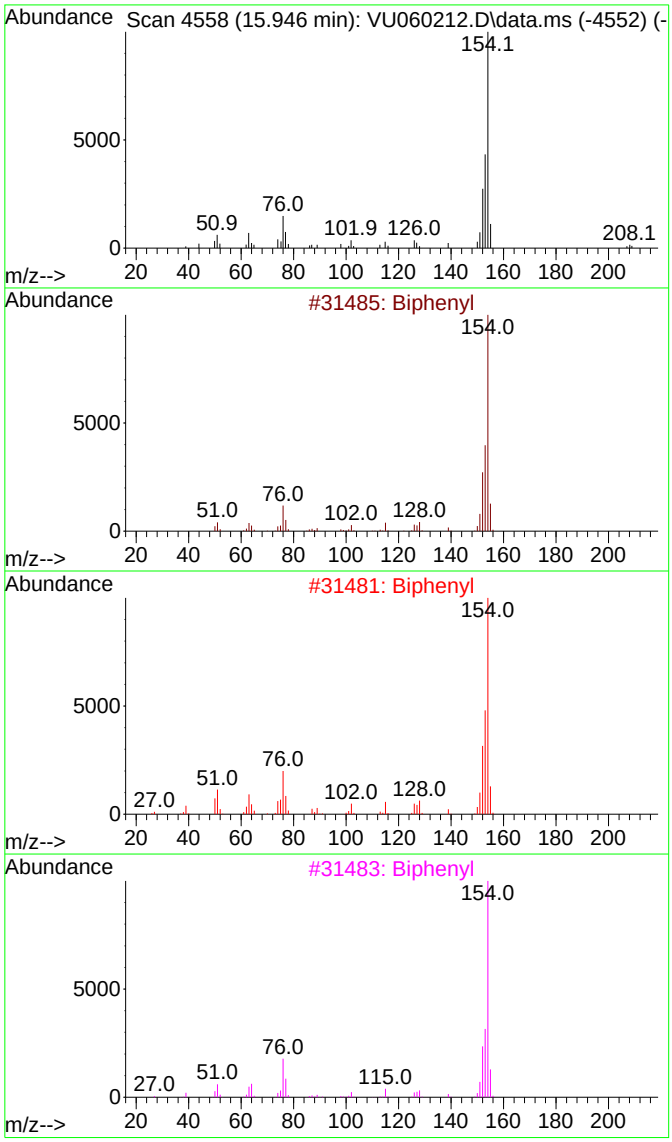
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

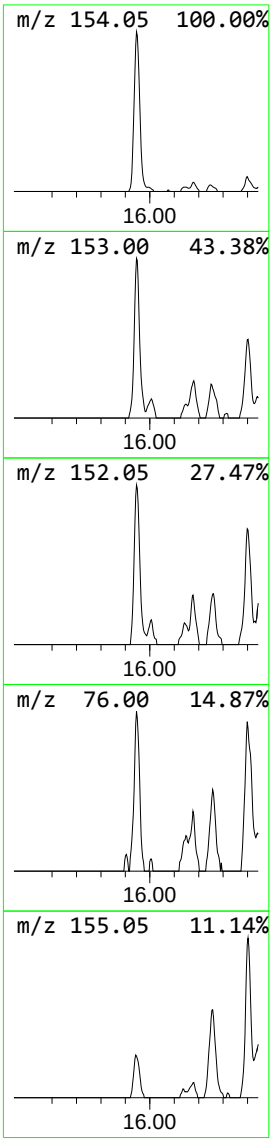
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	3.79 ug/L	52754	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	91
2	Biphenyl	154	C12H10	000092-52-4	87
3	Biphenyl	154	C12H10	000092-52-4	76
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

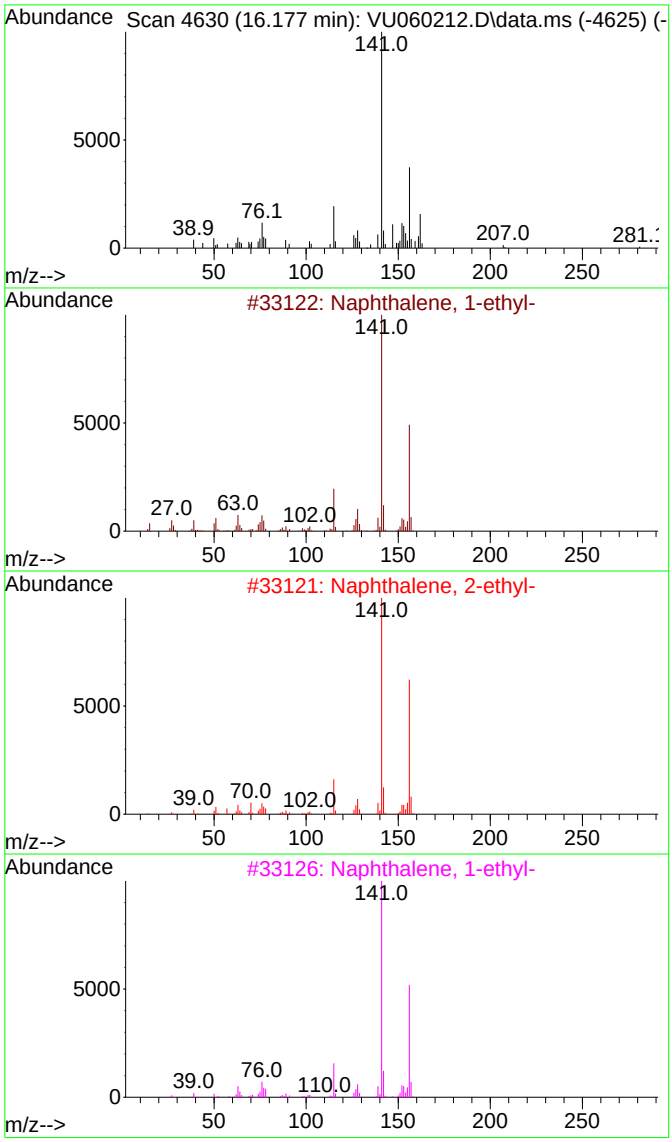
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

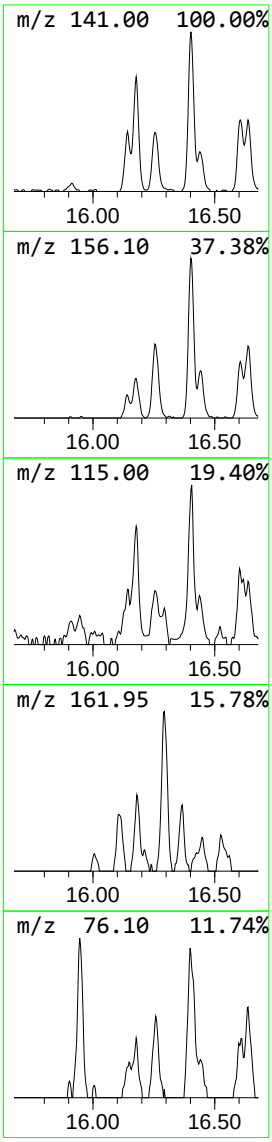
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.177	3.54 ug/L	49228	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	76
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	68
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

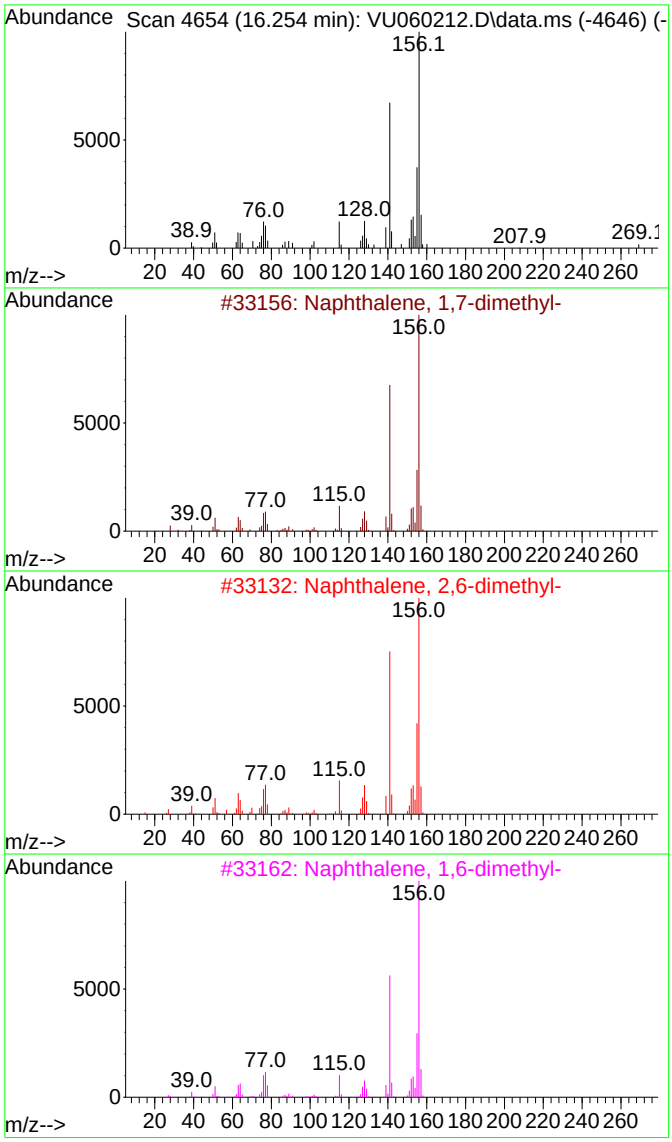
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

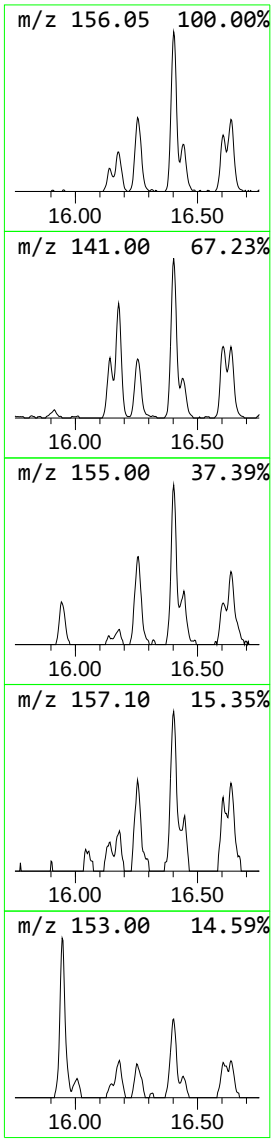
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.254	3.54 ug/L	49248	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

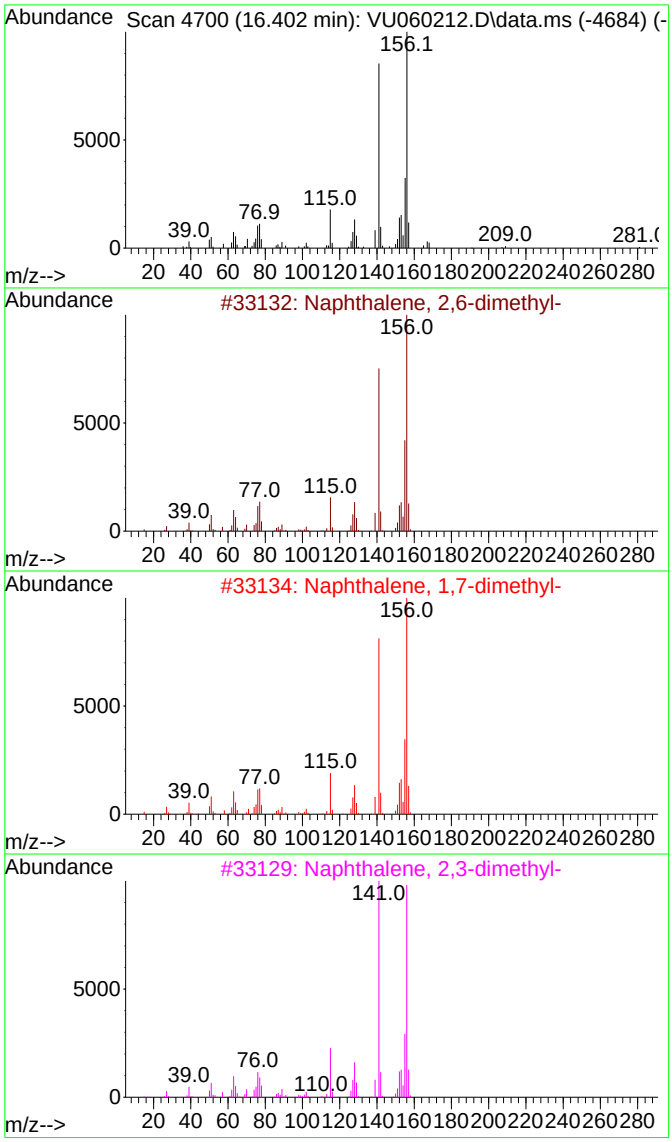
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

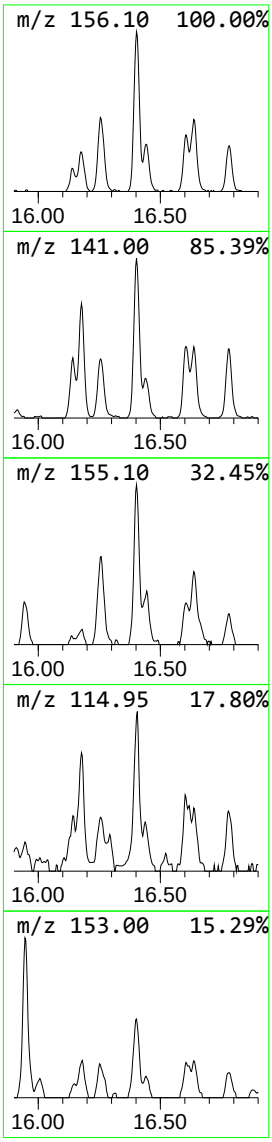
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	9.34 ug/L	129965	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, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

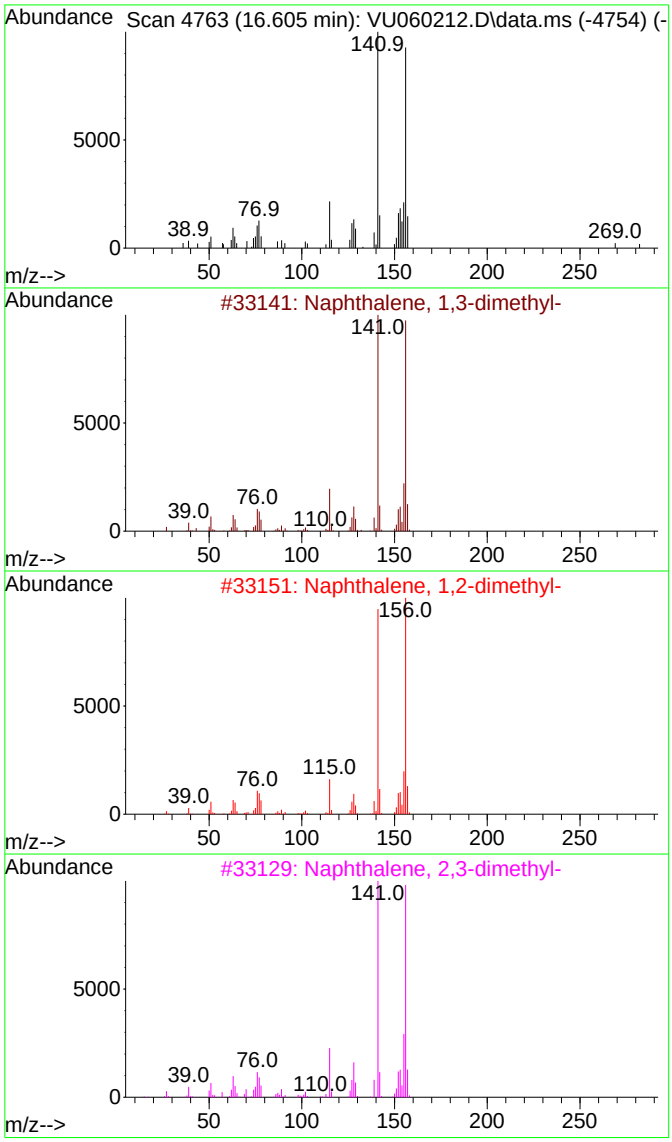
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

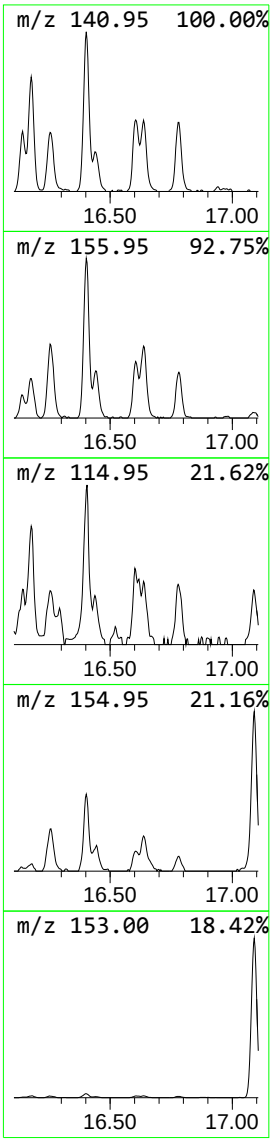
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.605	3.34 ug/L	46466	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

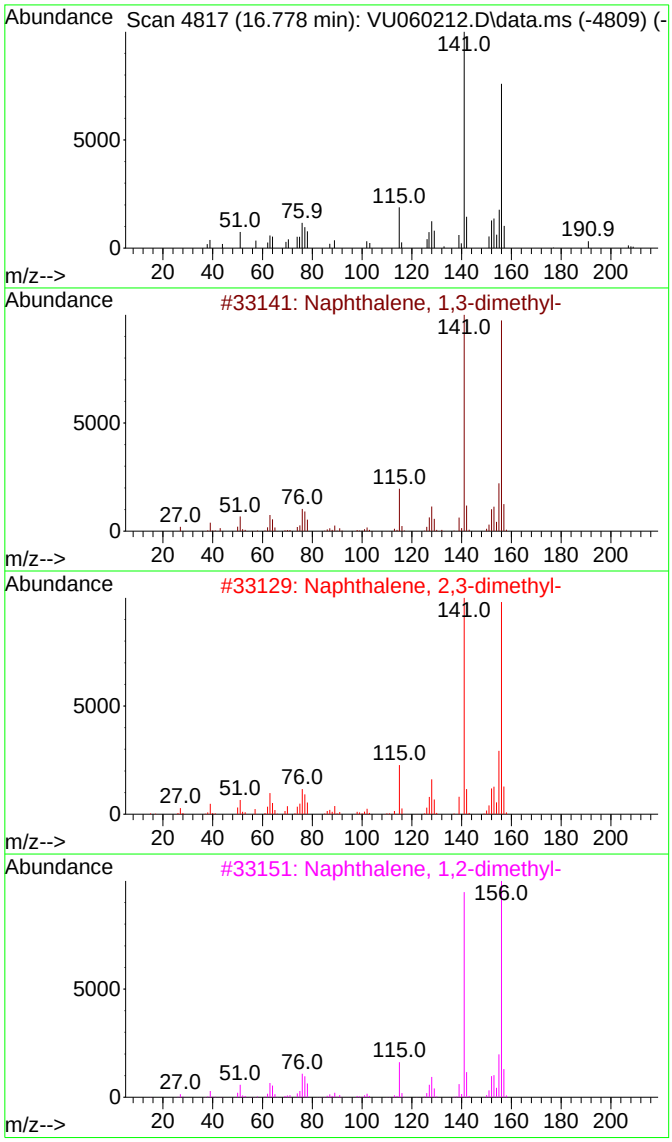
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

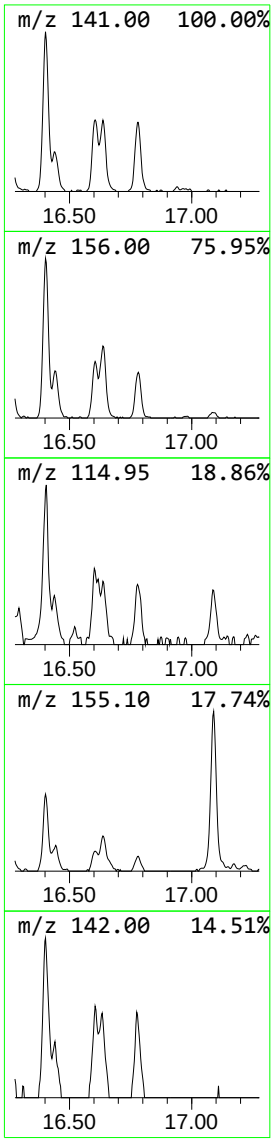
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Naphthalene, 1,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.778	2.73 ug/L	37992	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060212.D
Acq On : 26 Jul 2024 07:45
Operator : MD/SY
Sample : P3347-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

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
Benzofuran	11.724	7.6	ug/L	106139	3	11.804	695666	50.0
Benzene, 1-ethy...	11.888	2.9	ug/L	39809	3	11.804	695666	50.0
Indane	12.087	84.9	ug/L	1180880	3	11.804	695666	50.0
Indene	12.306	42.0	ug/L	583753	3	11.804	695666	50.0
Indan, 1-methyl-	12.676	9.8	ug/L	135926	3	11.804	695666	50.0
Benzofuran, 7-m...	12.920	9.4	ug/L	130664	3	11.804	695666	50.0
Benzofuran, 2-m...	13.023	18.9	ug/L	263465	3	11.804	695666	50.0
Cyclopropane, 1...	13.447	5.8	ug/L	80978	3	11.804	695666	50.0
2-Methylindene	13.515	3.2	ug/L	44129	3	11.804	695666	50.0
Benzene, (1-met...	13.621	6.5	ug/L	89939	3	11.804	695666	50.0
Camphor	13.727	2.9	ug/L	40431	3	11.804	695666	50.0
Azulene	14.077	1174.5	ug/L	16341200	3	11.804	695666	50.0
Benzo[c]thiophene	14.200	55.6	ug/L	773422	3	11.804	695666	50.0
1H-Indene, 2,3-...	14.666	2.6	ug/L	36916	3	11.804	695666	50.0
Benzene, pentam...	14.801	2.8	ug/L	39402	3	11.804	695666	50.0
Benzo[b]thiophe...	14.872	4.8	ug/L	66305	3	11.804	695666	50.0
3-Methylbenzoth...	15.161	6.8	ug/L	94700	3	11.804	695666	50.0
Naphthalene, 2-...	15.945	3.8	ug/L	52754	3	11.804	695666	50.0
Naphthalene, 1-...	16.177	3.5	ug/L	49228	3	11.804	695666	50.0
Naphthalene, 1,...	16.254	3.5	ug/L	49248	3	11.804	695666	50.0
Naphthalene, 2,...	16.402	9.3	ug/L	129965	3	11.804	695666	50.0
Naphthalene, 1,...	16.605	3.3	ug/L	46466	3	11.804	695666	50.0
Naphthalene, 1,...	16.778	2.7	ug/L	37992	3	11.804	695666	50.0