LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

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_V\Method\SFAMVLM100722WMA.M
Title : VOC Analysis

Signal : TIC: VV028486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	94	rBV	195028	199387	12.92%	0.879%
2	2.101	323	330	354	rVB	339391	518063	33.56%	2.285%
3	2.854	562	564	566	rBV3	754	323	0.02%	0.001%
4	2.973	599	601	604	rBV3	539	344	0.02%	0.002%
5	3.082	633	635	639	rBV3	588	390	0.03%	0.002%
6	3.156	655	658	659	rBV2	588	266	0.02%	0.001%
7	3.339	712	715	718	rBV	425	327	0.02%	0.001%
8	3.619	800	802	806	rBV5	461	279	0.02%	0.001%
9	3.645	806	810	814	rVB4	536	384	0.02%	0.002%
10	3.719	829	833	835	rVB3	424	254	0.02%	0.001%
11	3.751	839	843	846	rBV4	559	518	0.03%	0.002%
12	3.815	859	863	866	rBV3	623	501	0.03%	0.002%
13	3.889	876	886	927	rBV2	66350	254494	16.49%	1.122%
14	4.339	1013	1026	1059	rVB	235126	582107	37.71%	2.567%
15	4.625	1110	1115	1116	rBV4	777	594	0.04%	0.003%
16	4.744	1150	1152	1154	rBV2	453	284	0.02%	0.001%
17	4.757	1154	1156	1159	rVB2	783	365	0.02%	0.002%
18	4.825	1174	1177	1180	rBV4	491	328	0.02%	0.001%
19	4.863	1184	1189	1190	rBV2	374	268	0.02%	0.001%
20	4.886	1194	1196	1199	rVB2	661	263	0.02%	0.001%
21	4.902	1199	1201	1205	rBV2	405	289	0.02%	0.001%
22	5.040	1226	1244	1257	rBV2	596550	1543686	100.00%	6.807%
23	5.506	1386	1389	1392	rBV3	495	257	0.02%	0.001%
24	5.522	1392	1394	1398	rBV4	467	343	0.02%	0.002%
25	5.612	1410	1422	1452	rBV	401520	823224	53.33%	3.630%
26	6.063	1550	1562	1593	rBV	329233	680517	44.08%	3.001%
27	6.317	1637	1641	1644	rBV3	598	415	0.03%	0.002%
28	6.333	1644	1646	1649	rVB2	534	274	0.02%	0.001%
29	6.535	1704	1709	1711	rBV3	740	542	0.04%	0.002%
30	6.593	1725	1727	1730	rVB	921	447	0.03%	0.002%
31	6.654	1744	1746	1751	rVB3	528	311	0.02%	0.001%
32	6.879	1814	1816	1818	rBV	1005	381	0.02%	0.002%
33	6.934	1831	1833	1837	rBV4	605	398	0.03%	0.002%
34	6.979	1837	1847	1874	rBV	198965	372696	24.14%	1.644%
35	7.310	1936	1950	1966	rBV	733602	1269236	82.22%	5.597%
36	7.616	2035	2045	2067	rBV	134824	239474	15.51%	1.056%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E10044

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_V\Method\SFAMVLM100722WMA.M
Title : VOC Analysis

37	7.902	2129	2134	2135	rBV2	452	413	0.03%	0.002%
38	7.937	2135	2145	2157	rVB2	10052	17705	1.15%	0.078%
39	8.008	2164	2167	2169	rBV2	465	347	0.02%	0.002%
40	8.082	2177	2190	2222	rBV	360410	716670	46.43%	3.160%
41	8.590	2346	2348	2352	rVB2	577	307	0.02%	0.001%
42	8.657	2364	2369	2373	rBV4	808	784	0.05%	0.003%
43	8.689	2376	2379	2381	rBV2	668	378	0.02%	0.002%
44	8.741	2391	2395	2398	rBV3	716	593	0.04%	0.003%
45	8.776	2404	2406	2408	rBV2	463	282	0.02%	0.001%
46	8.844	2414	2427	2447	rBV	600686	977240	63.31%	4.309%
47	9.005	2467	2477	2498	rBV	243395	378812	24.54%	1.670%
48	9.136	2508	2518	2536	rVB	59436	104822	6.79%	0.462%
49	9.310	2564	2572	2590	rVB10	5352	10464	0.68%	0.046%
50	9.381	2590	2594	2595	rBV	448	280	0.02%	0.001%
51	9.435	2609	2611	2615	rBV2	471	282	0.02%	0.001%
52	9.493	2622	2629	2633	rBV5	4526	5916	0.38%	0.026%
53	9.538	2633	2643	2664	rVB	150066	243323	15.76%	1.073%
54	9.779	2707	2718	2725	rBV5	2939	4864	0.32%	0.021%
55	9.837	2730	2736	2738	rBV	936	624	0.04%	0.003%
56	9.850	2738	2740	2743	rVB3	824	367	0.02%	0.002%
57	9.873	2745	2747	2752	rVB3	481	277	0.02%	0.001%
58	9.924	2752	2763	2781	rBV	56980	92824	6.01%	0.409%
59	10.050	2798	2802	2803	rBV2	763	415	0.03%	0.002%
60	10.152	2831	2834	2838	rBV4	551	326	0.02%	0.001%
61	10.207	2838	2851	2866	rBV	443403	693111	44.90%	3.056%
62	10.349	2886	2895	2914	rBV3	25128	57810	3.74%	0.255%
63	10.468	2916	2932	2942	rBV2	24834	55442	3.59%	0.244%
64	10.535	2944	2953	2962	rVB2	18275	28805	1.87%	0.127%
65	10.654	2988	2990	2994	rBV3	903	443	0.03%	0.002%
66	10.731	3004	3014	3034	rBV	32373	63529	4.12%	0.280%
67	10.908	3060	3069	3086	rVB2	28365	47044	3.05%	0.207%
68	10.988	3086	3094	3103	rBV6	4827	7141	0.46%	0.031%
69	11.168	3141	3150	3160	rBV2	21103	39648	2.57%	0.175%
70	11.239	3162	3172	3191	rVV	695270	1062116	68.80%	4.684%
71	11.326	3191	3199	3214	rVB	79348	121496	7.87%	0.536%
72	11.435	3231	3233	3237	rBV4	652	429	0.03%	0.002%
73	11.519	3245	3259	3278	rBV	737161	1155974	74.88%	5.098%
74	11.615	3278	3289	3308	rVB	739814	1164722	75.45%	5.136%
75	11.734	3315	3326	3341	rBV	925351	1411928	91.46%	6.226%
76	11.902	3372	3378	3384	rBV3	8932	13853	0.90%	0.061%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

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_V\Method\SFAMVLM100722WMA.M
Title : VOC Analysis

77	11.972	3398	3400	3401	rBV	579	249	0.02%	0.001%
78	12.008	3403	3411	3424	rVV	31104	47026	3.05%	0.207%
79	12.104	3432	3441	3454	rBV	41418	67685	4.38%	0.298%
80	12.242	3478	3484	3491	rVB8	7026	10012	0.65%	0.044%
81	12.348	3508	3517	3528	rBV	258756	396909	25.71%	1.750%
82	12.451	3539	3549	3560	rBV2	385409	747735	48.44%	3.297%
83	12.715	3621	3631	3647	rVB	171621	258500	16.75%	1.140%
84	12.873	3670	3680	3690	rVV2	82238	123934	8.03%	0.547%
85	12.937	3690	3700	3716	rVB	190371	286345	18.55%	1.263%
86	13.043	3722	3733	3749	rVB	274139	455666	29.52%	2.009%
87	13.490	3859	3872	3894	rBV	791085	1409510	91.31%	6.216%
88	13.895	3990	3998	4004	rBV4	18911	32552	2.11%	0.144%
89	14.088	4049	4058	4067	rBV3	40519	74840	4.85%	0.330%
90	14.564	4195	4206	4214	rBV2	71870	123002	7.97%	0.542%
91	14.618	4216	4223	4235	rVB	120105	185897	12.04%	0.820%
92	14.802	4269	4280	4296	rBV	694242	1099095	71.20%	4.847%
93	15.017	4343	4347	4349	rBV5	2362	2116	0.14%	0.009%
94	15.352	4441	4451	4462	rBV	156633	232251	15.05%	1.024%
95	15.654	4535	4545	4569	rVB	182152	337582	21.87%	1.489%
96	15.798	4581	4590	4598	rBV	301501	451122	29.22%	1.989%
97	16.024	4645	4660	4672	rVB2	93439	211132	13.68%	0.931%
98	16.168	4697	4705	4719	rVB2	65076	102323	6.63%	0.451%
99	16.258	4724	4733	4750	rVV2	91716	175548	11.37%	0.774%
100	16.467	4788	4798	4820	rBV	543368	871682	56.47%	3.844%

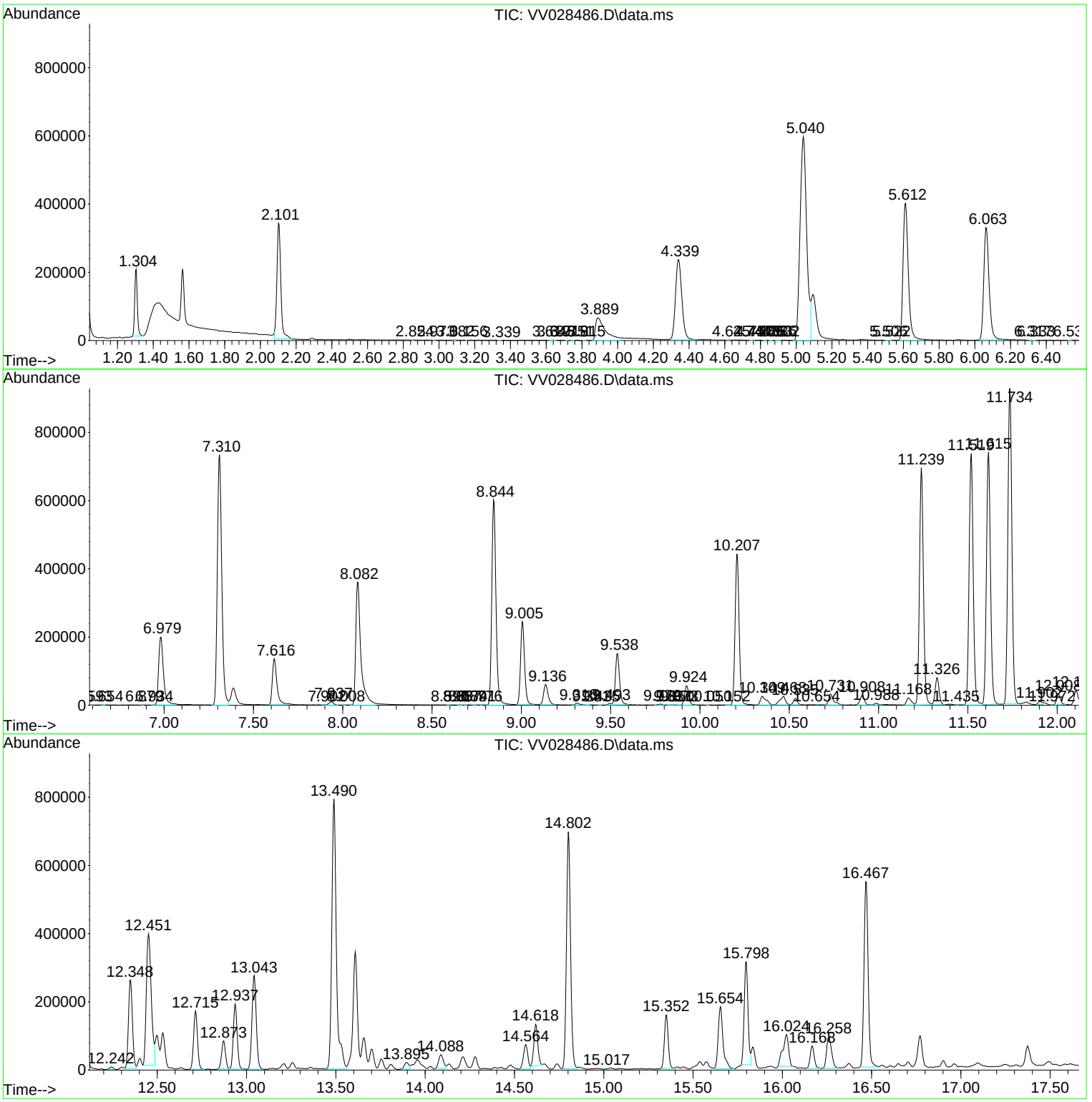
Sum of corrected areas: 22676748

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

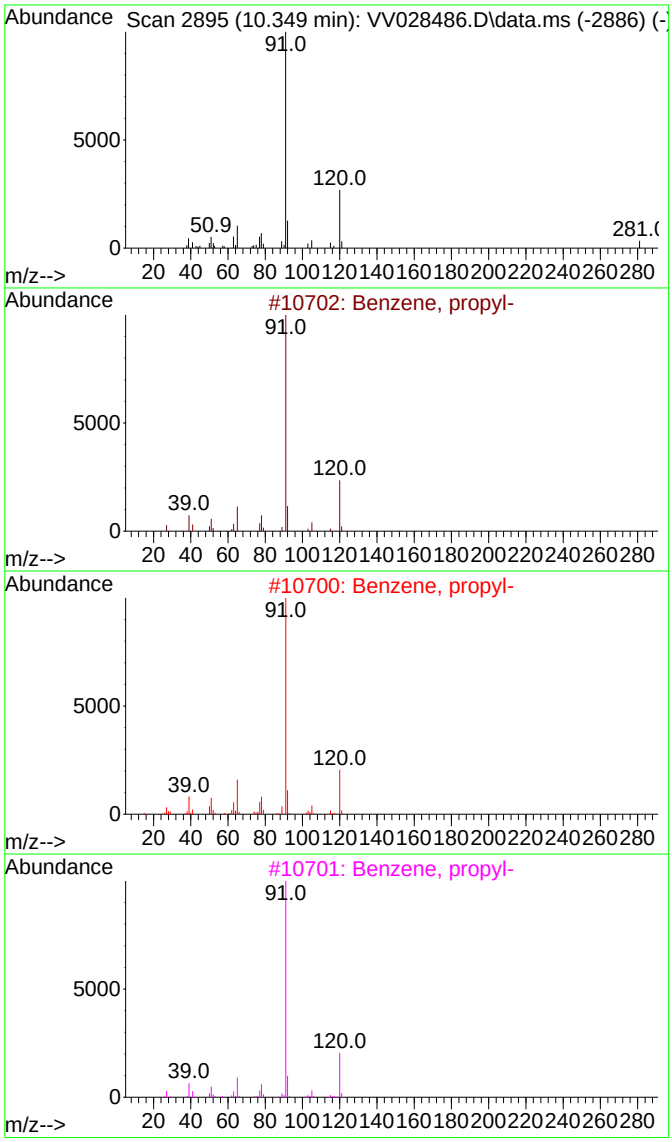
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

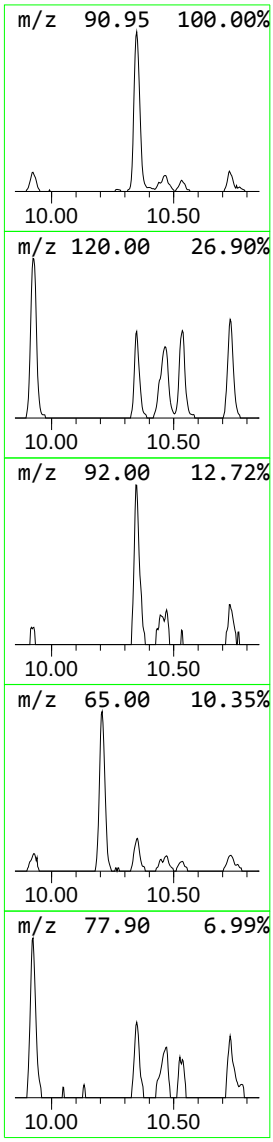
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	2.72 ug/L	57810	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

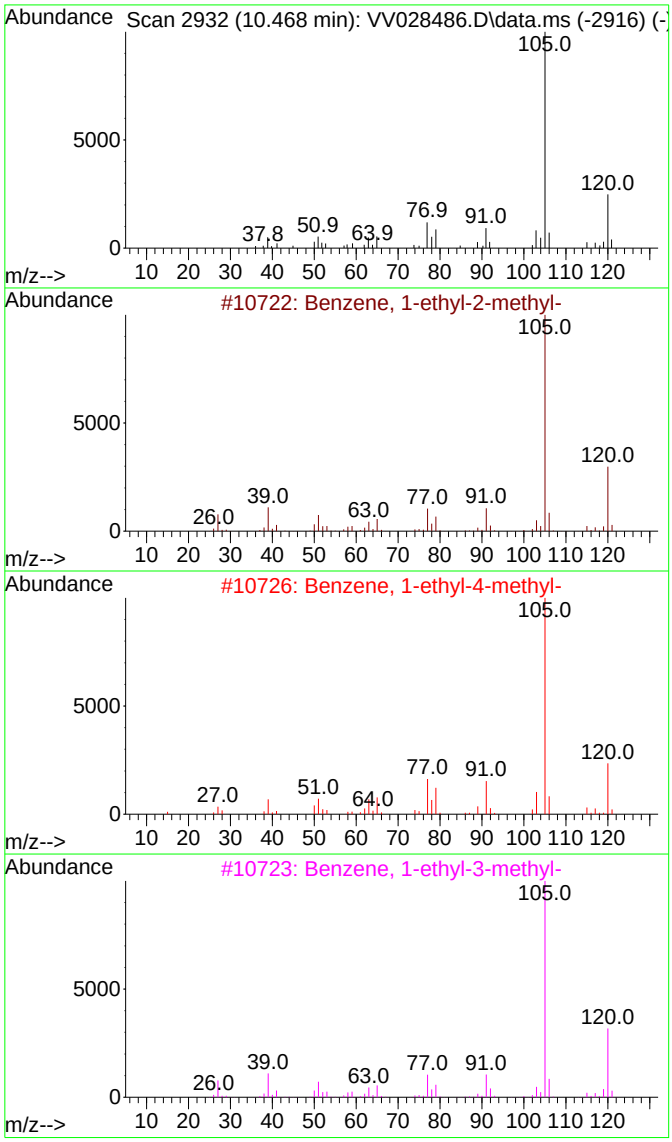
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

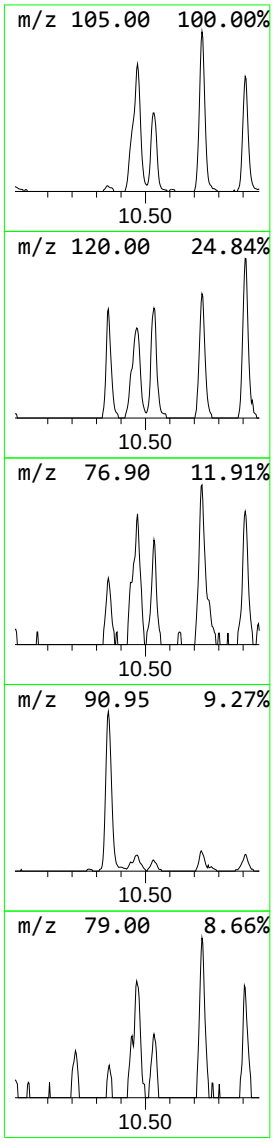
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.467	2.61 ug/L	55442	1,4-Dichlorobenzene-d4	11.239

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-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

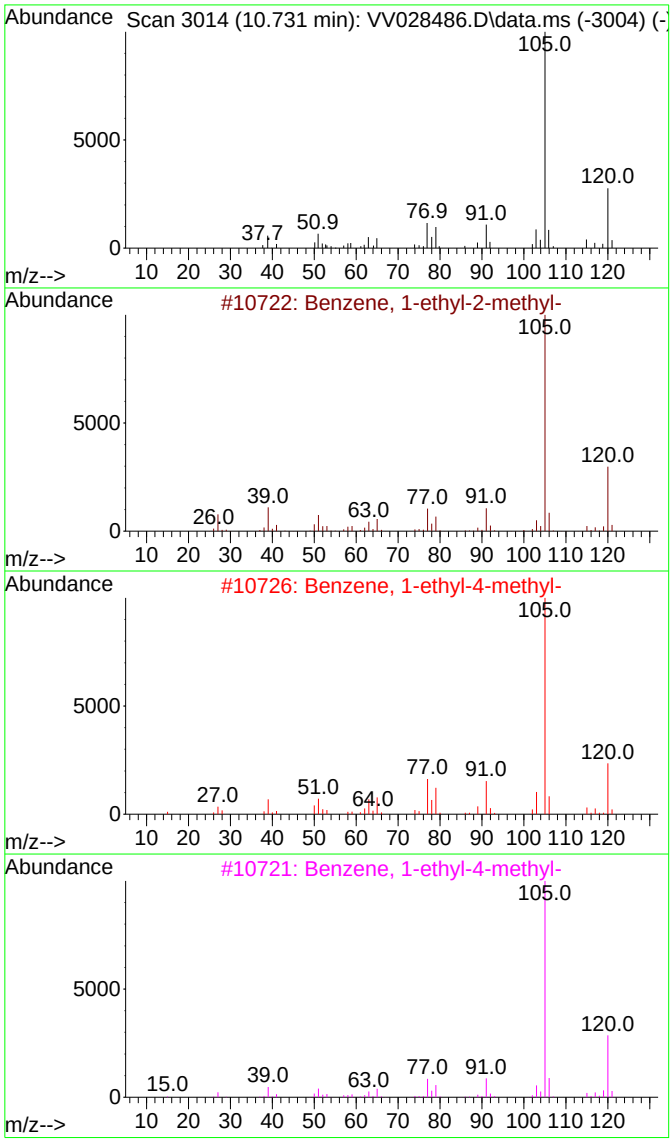
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

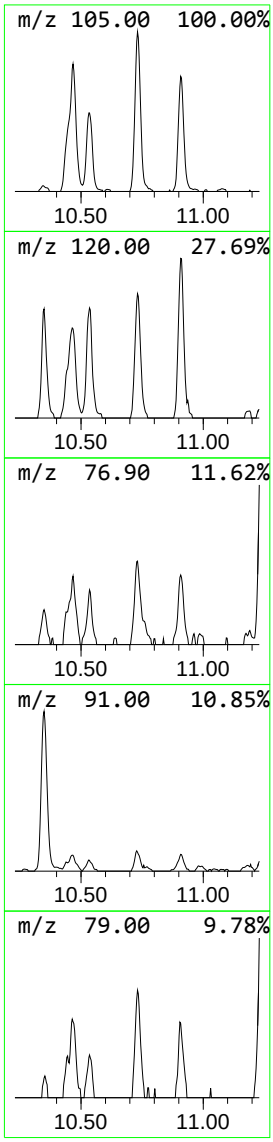
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.731	2.99 ug/L	63529	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

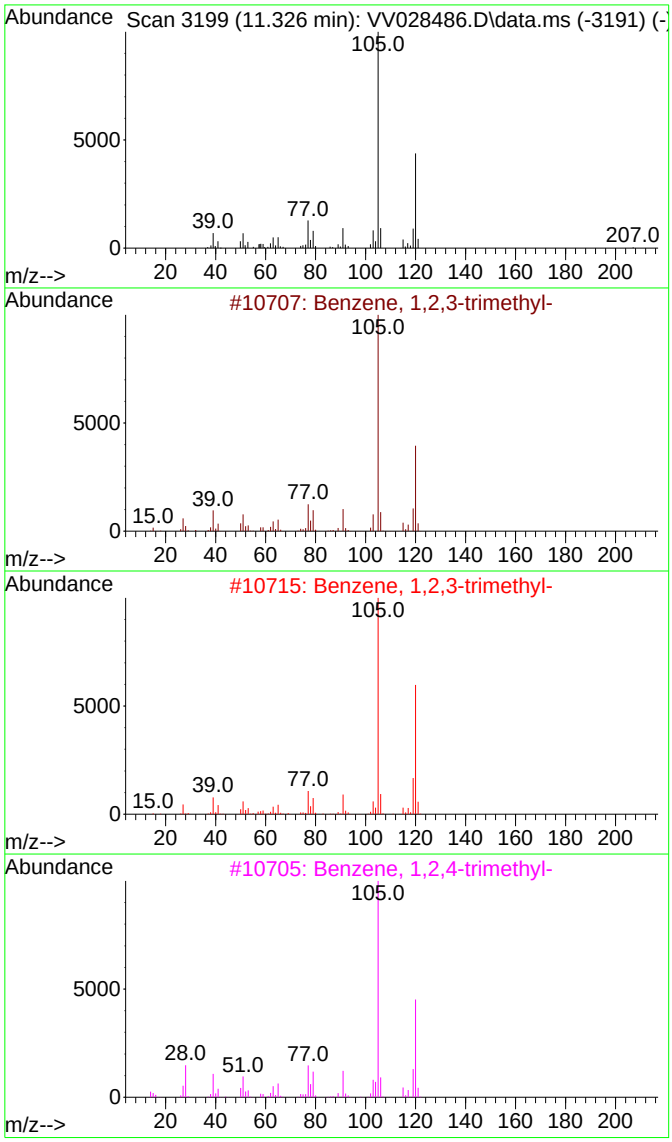
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

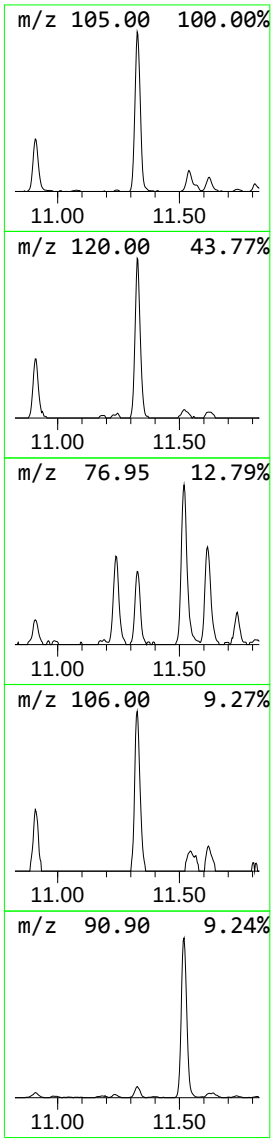
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	5.72 ug/L	121496	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

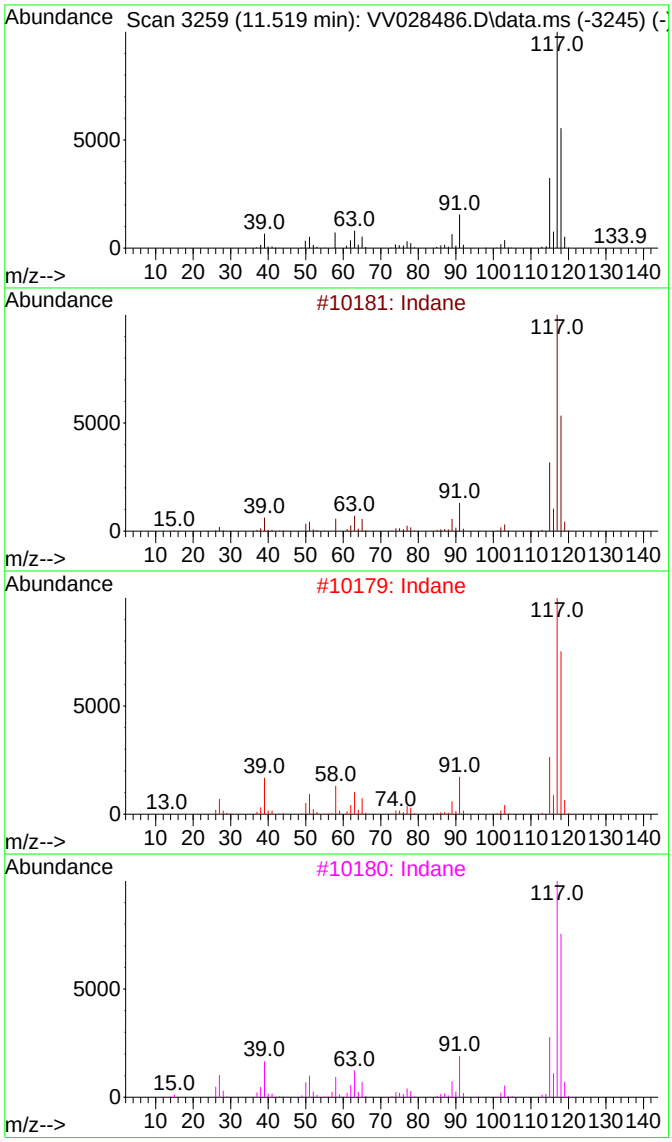
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

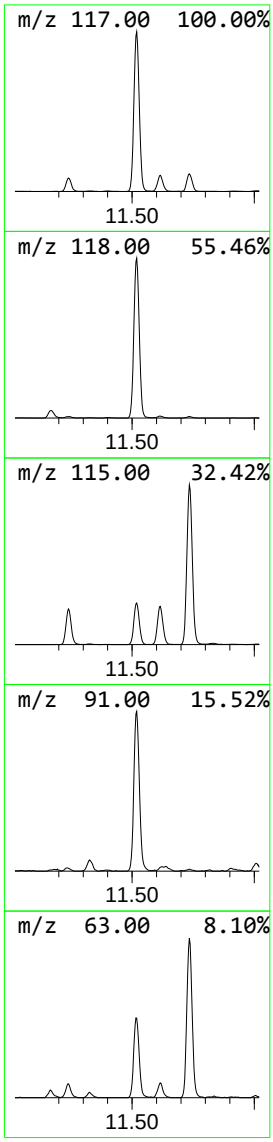
****

Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	54.42 ug/L	1155970	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

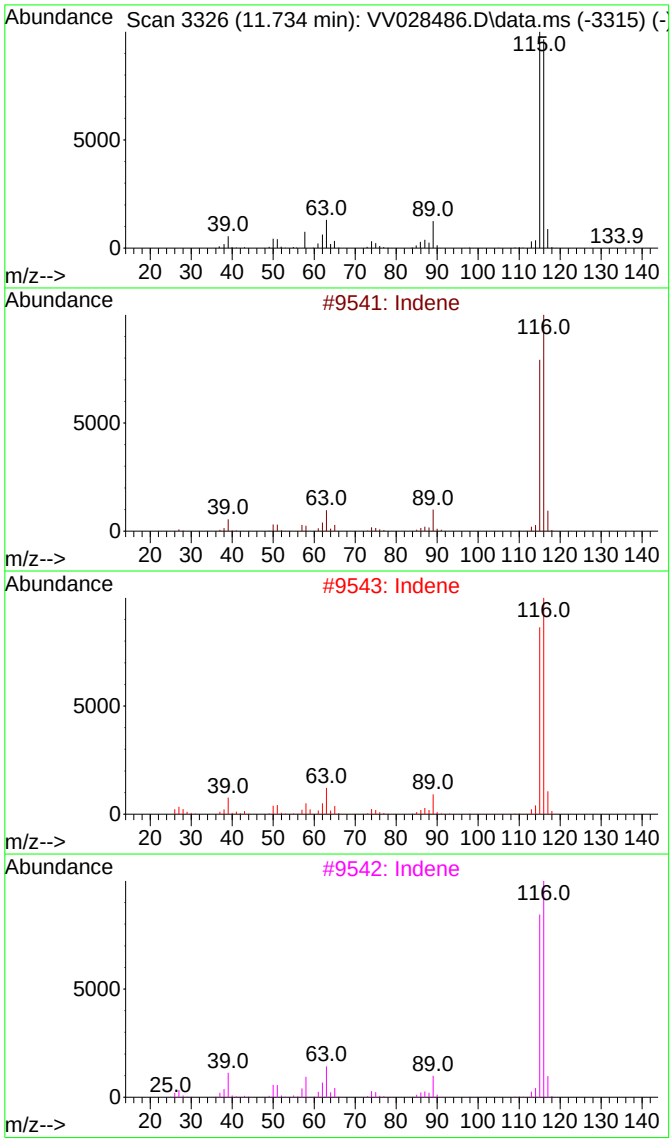
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

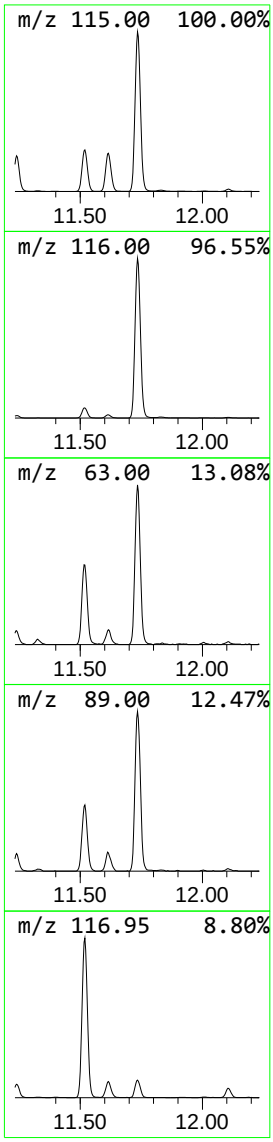
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.734	66.47 ug/L	1411930	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

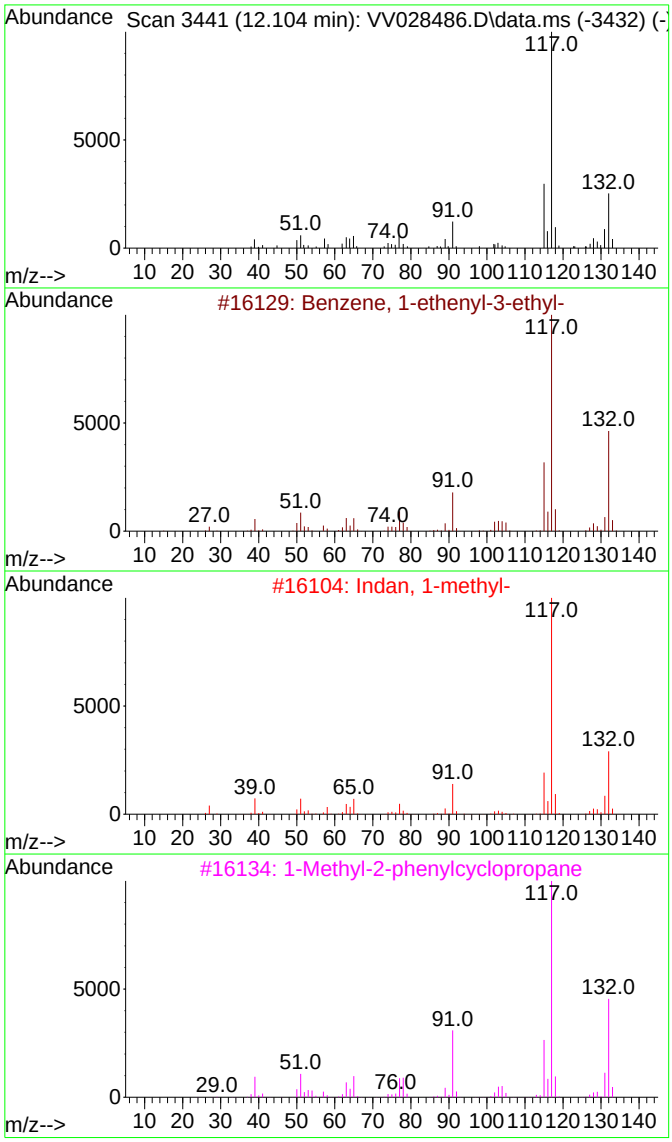
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

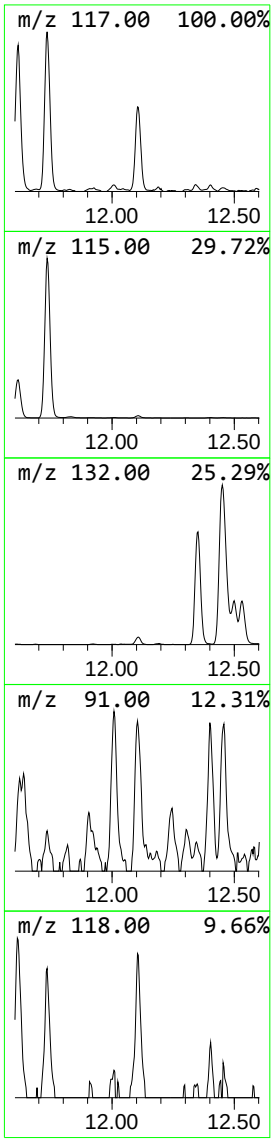
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.19 ug/L	67685	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

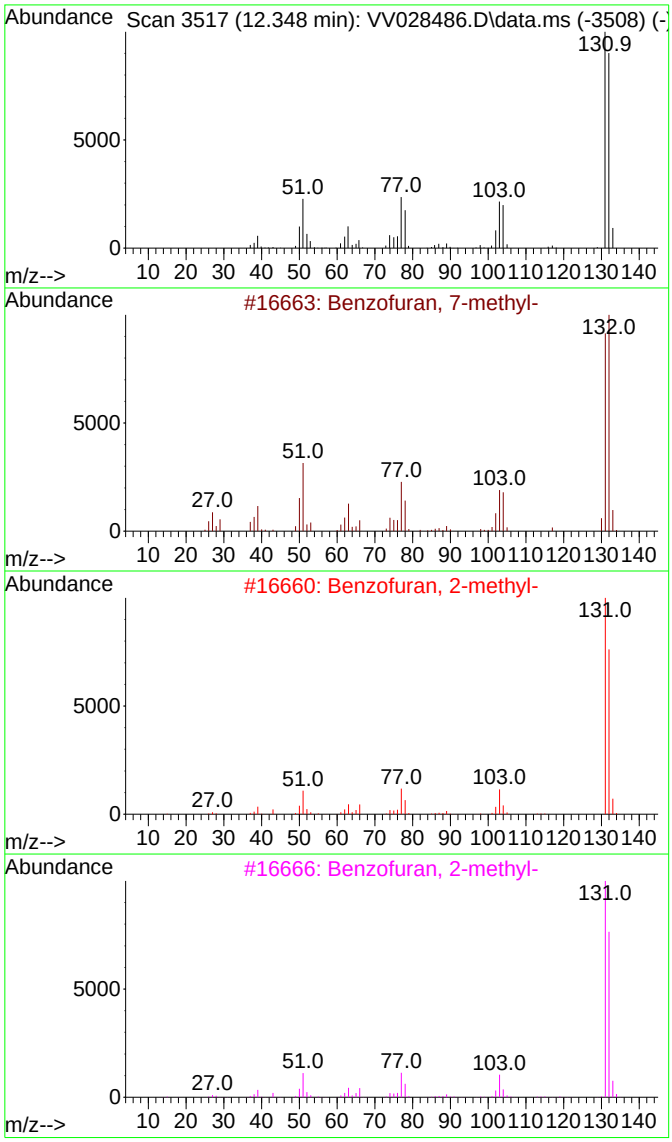
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

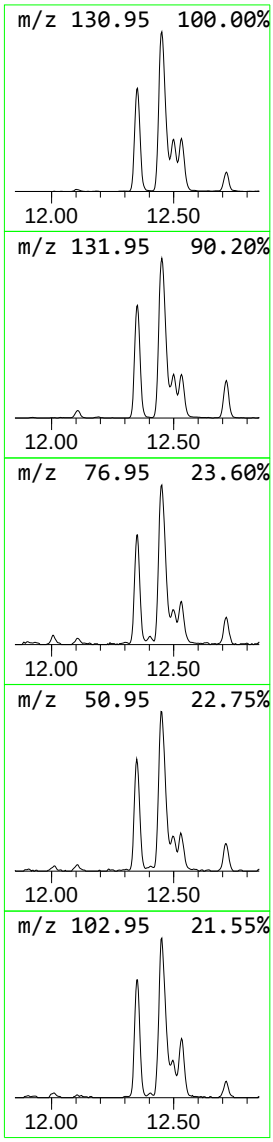
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.349	18.68 ug/L	396909	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
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	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

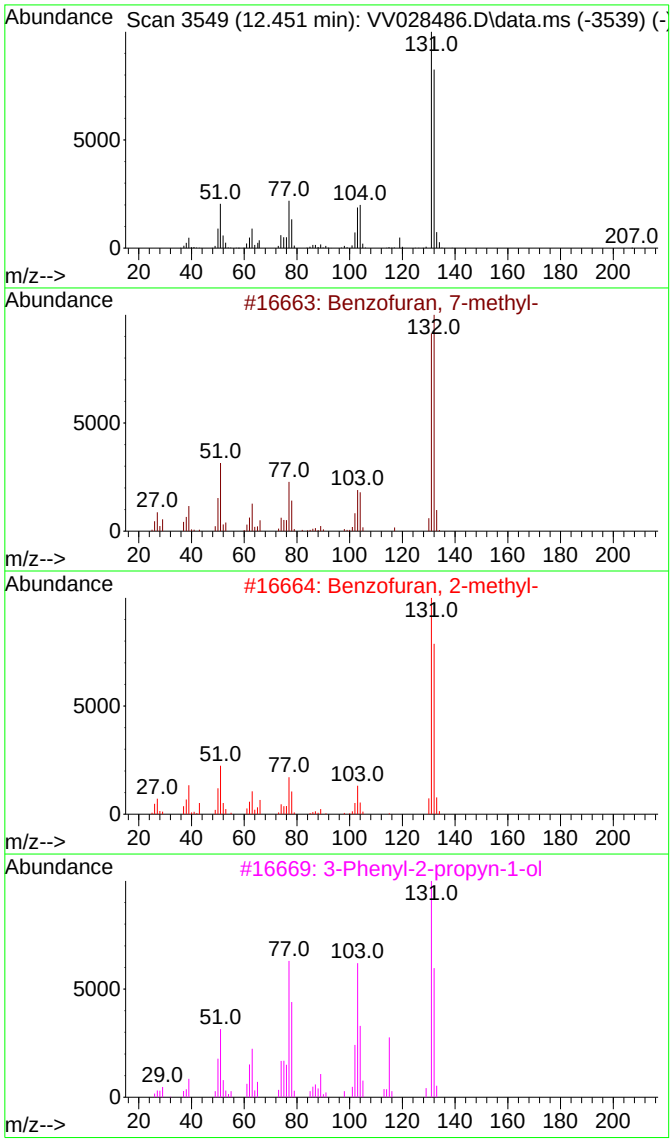
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

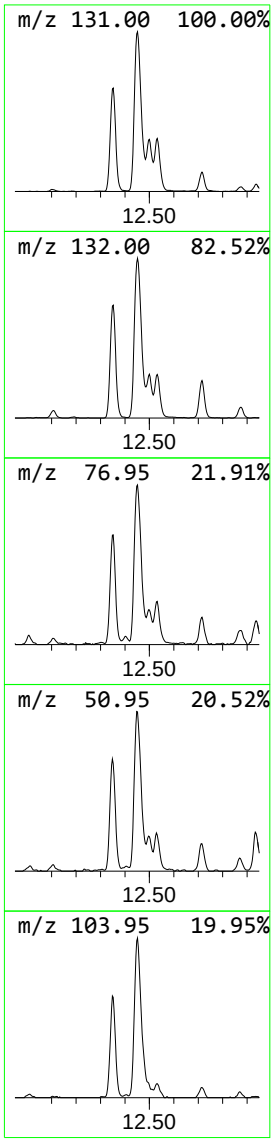
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	35.20 ug/L	747735	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

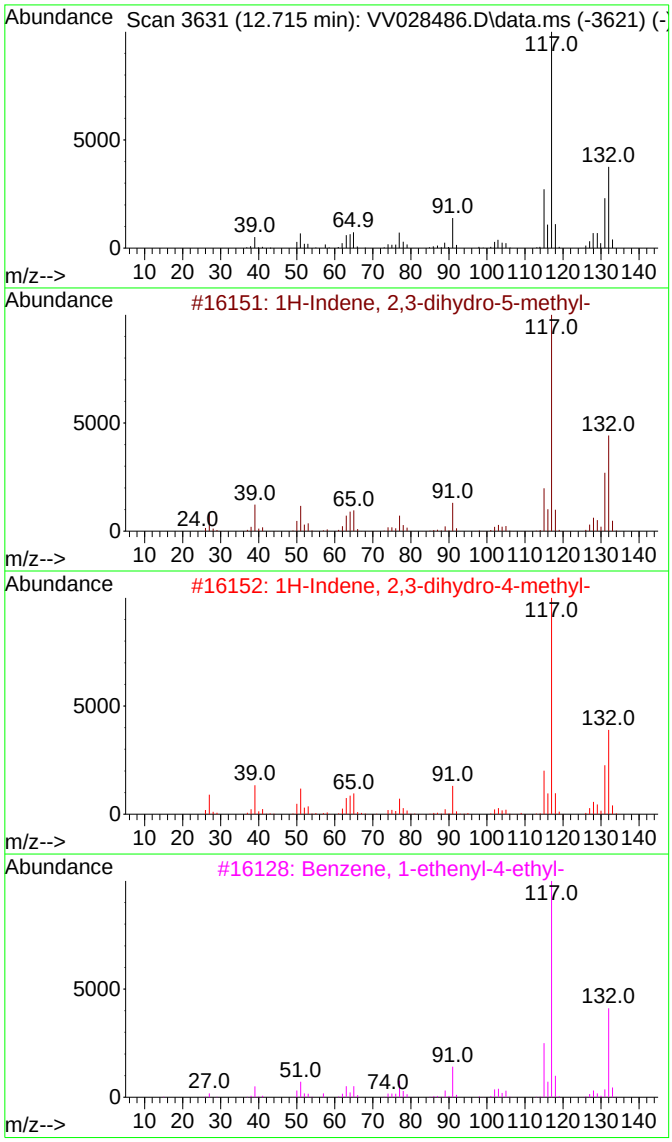
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

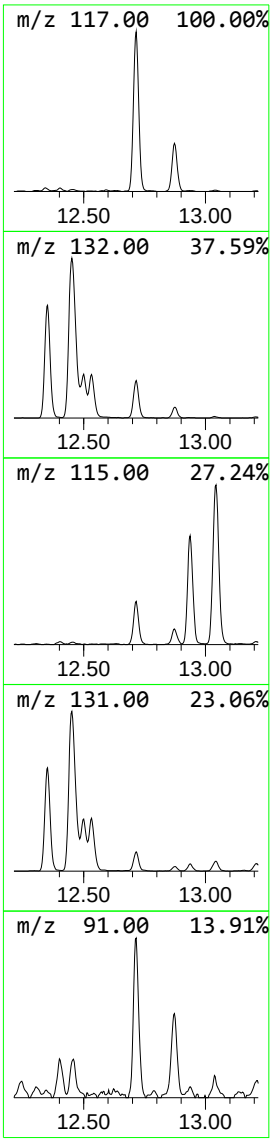
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	12.17 ug/L	258500	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

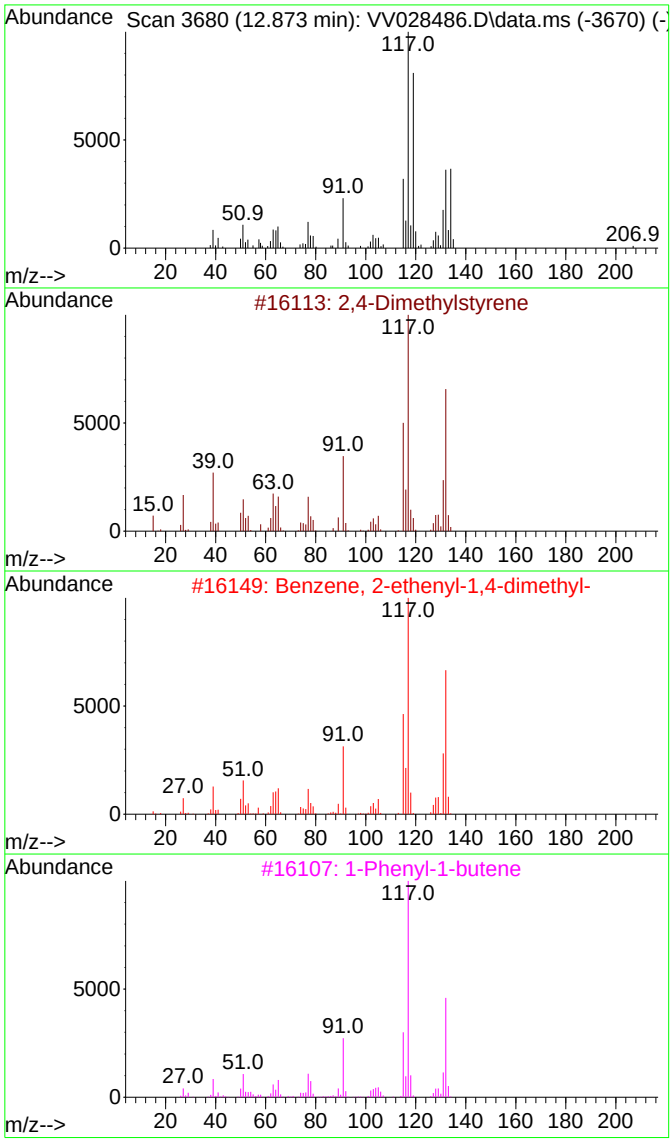
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

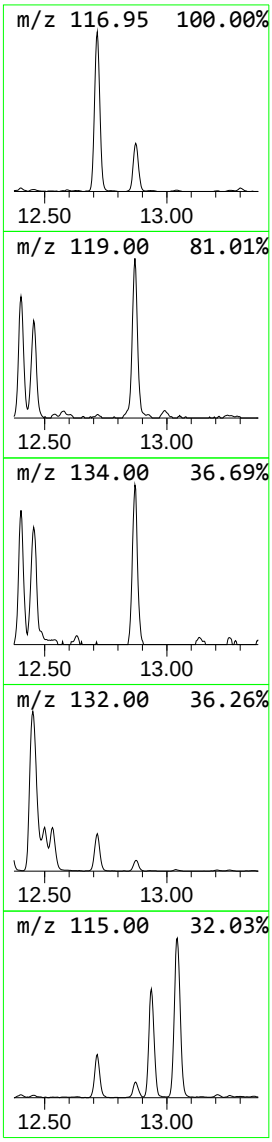
****

Peak Number 12 2,4-Dimethylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	5.83 ug/L	123934	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

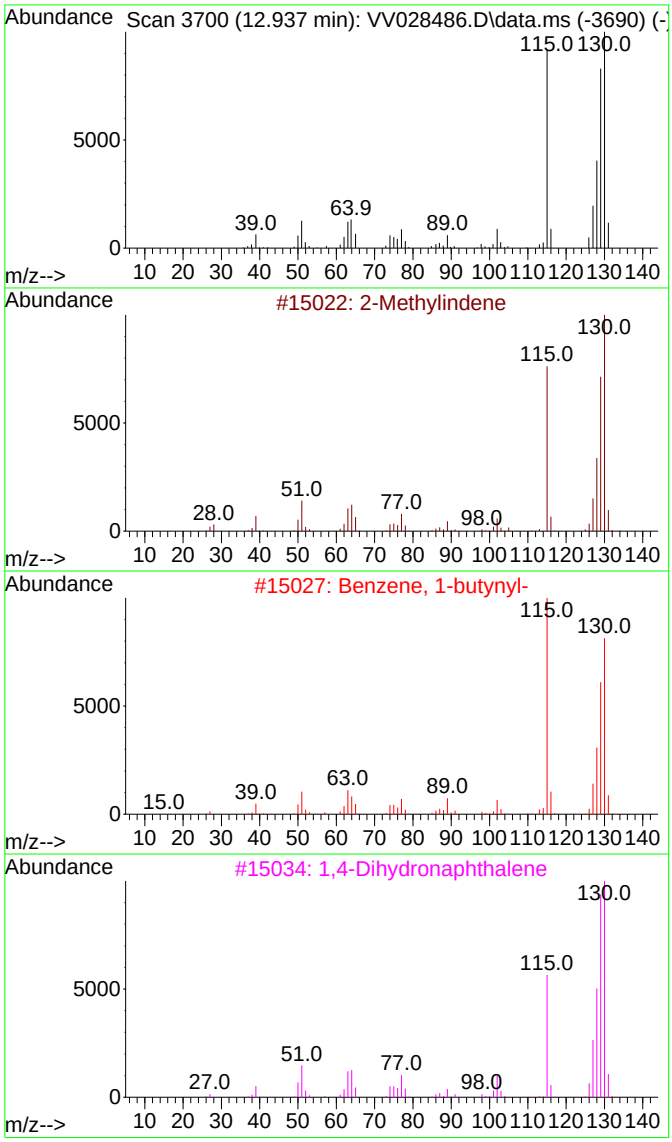
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

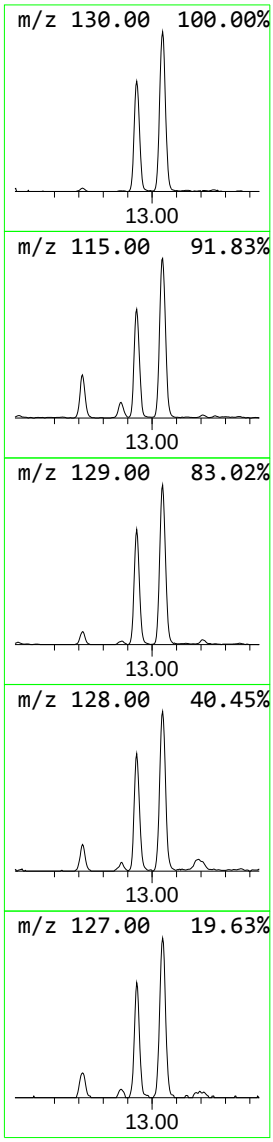
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Methylindene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	13.48 ug/L	286345	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

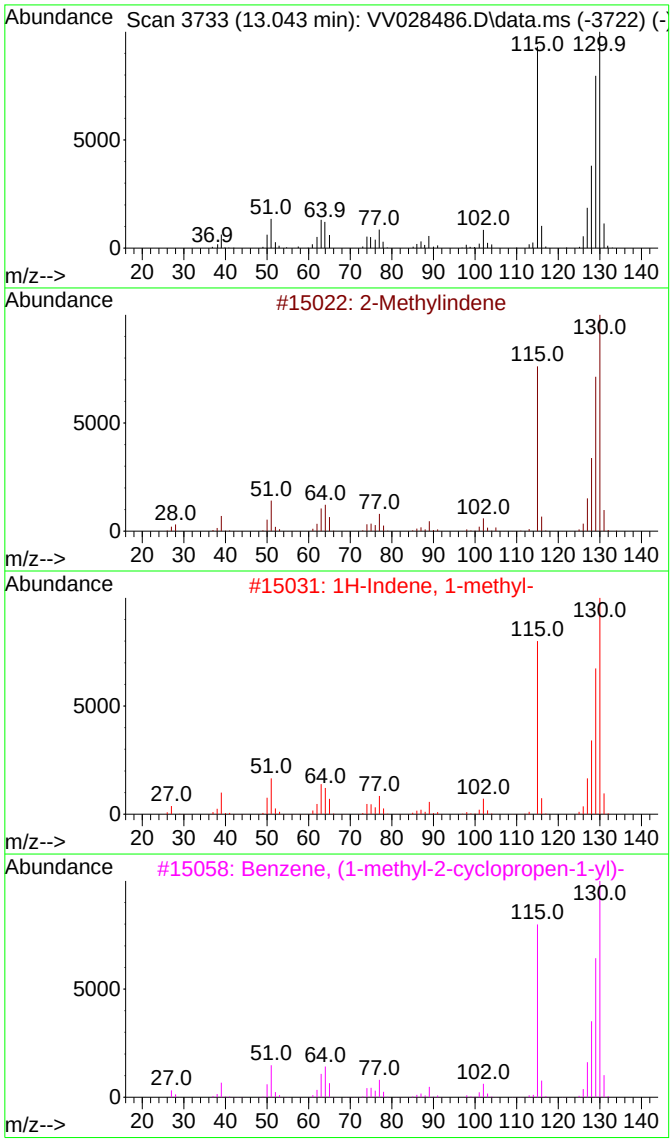
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

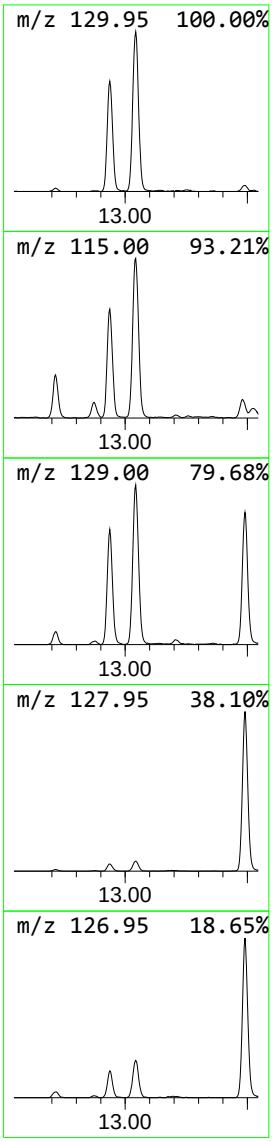
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	21.45 ug/L	455666	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

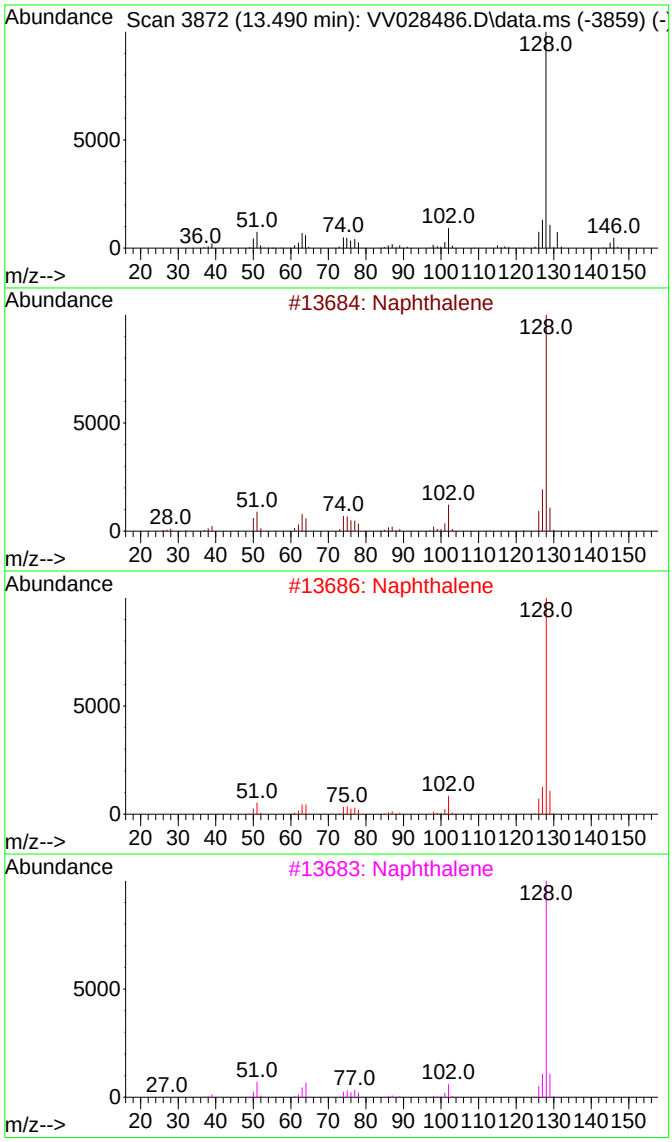
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

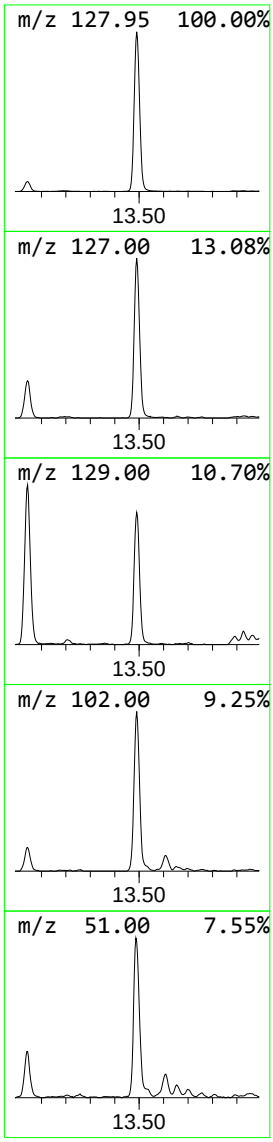
****

Peak Number 15 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.490	66.35 ug/L	1409510	1,4-Dichlorobenzene-d4	11.239

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	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	90
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

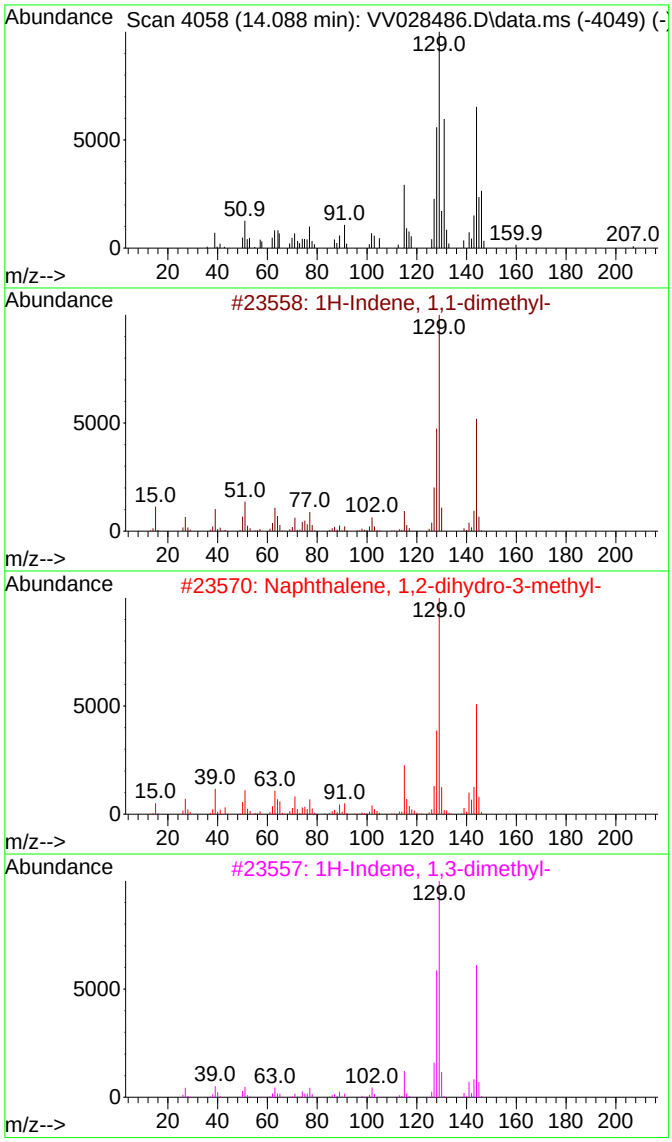
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

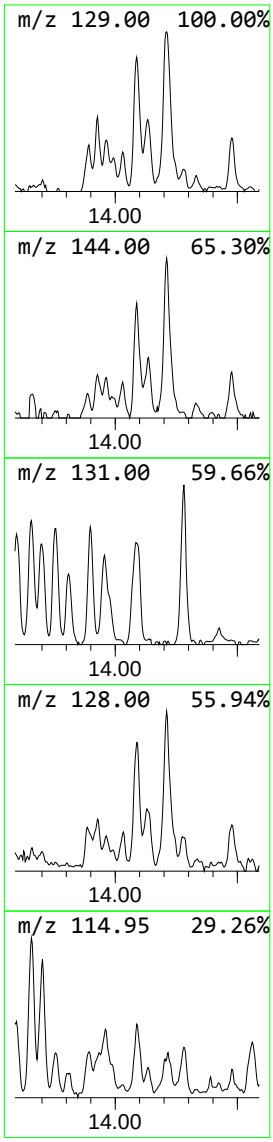
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 1,1-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.088	3.52 ug/L	74840	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	86
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	86
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	70
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	70
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

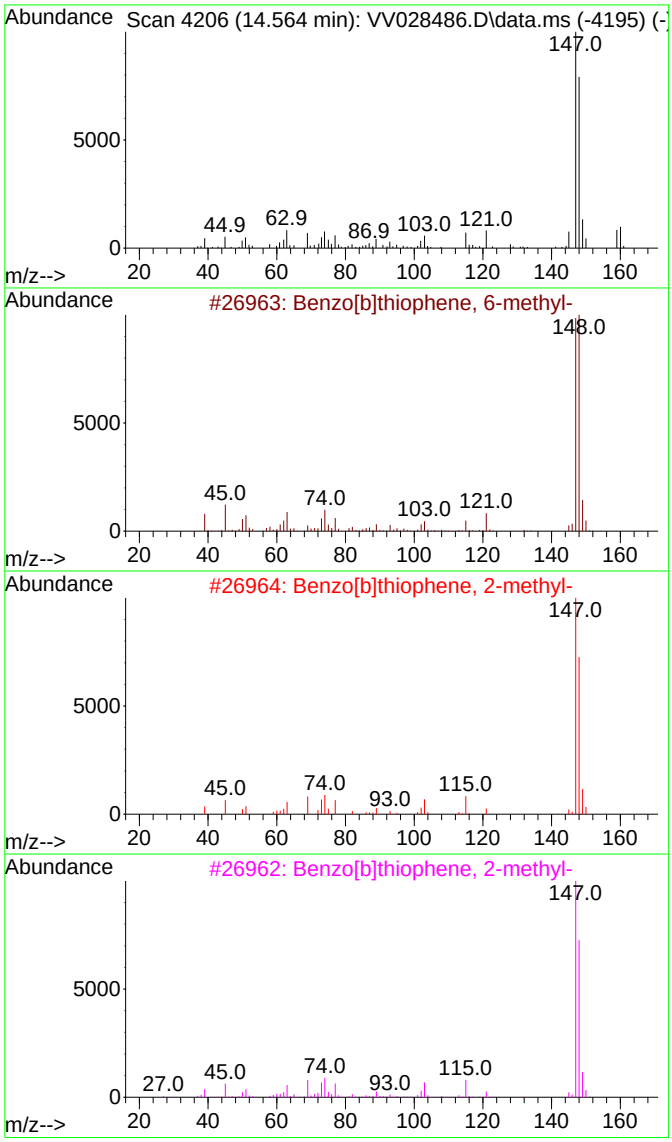
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

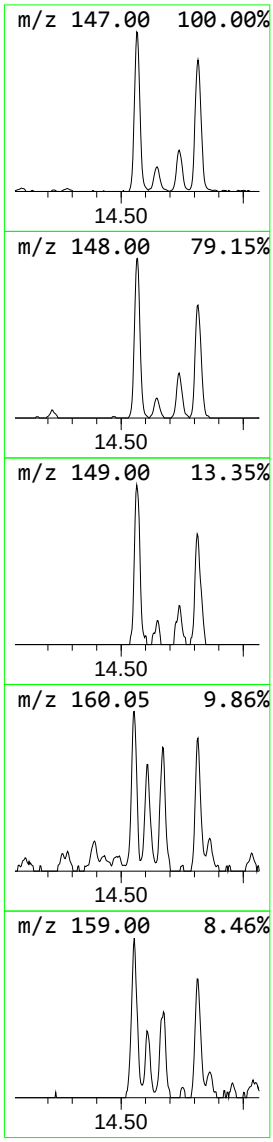
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]thiophene, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	5.79 ug/L	123002	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	93
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

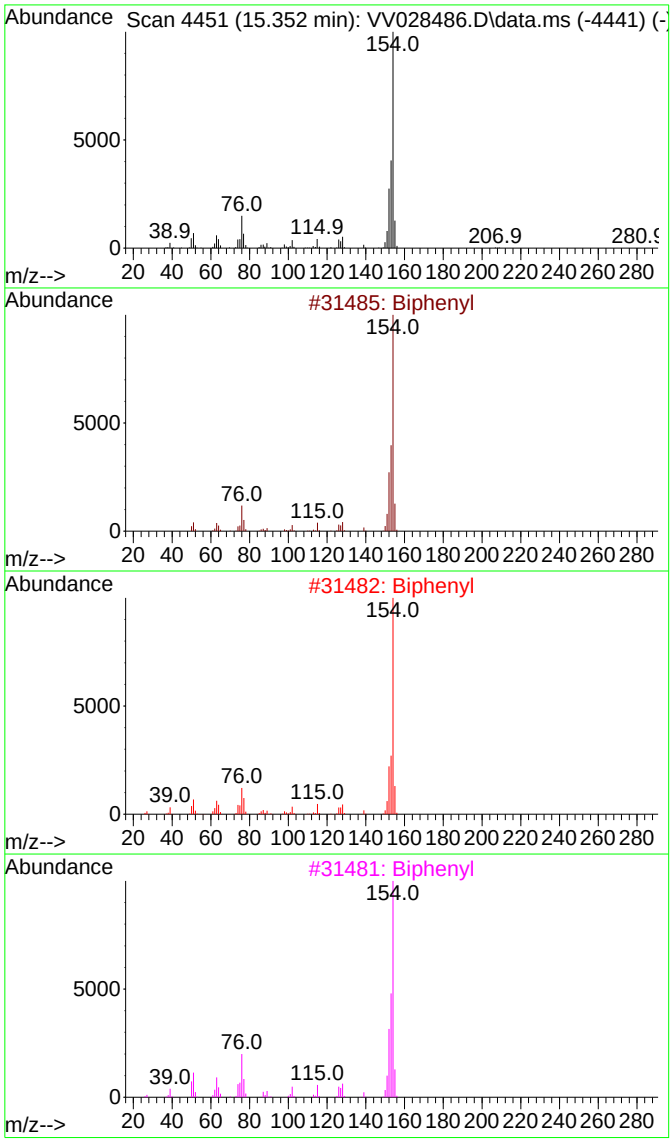
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

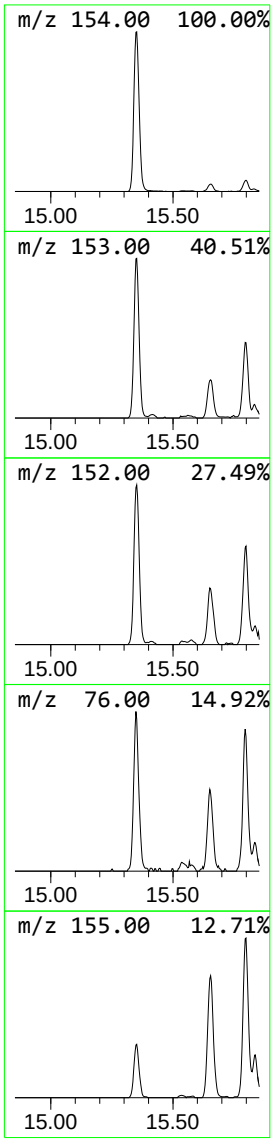
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.352	10.93 ug/L	232251	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

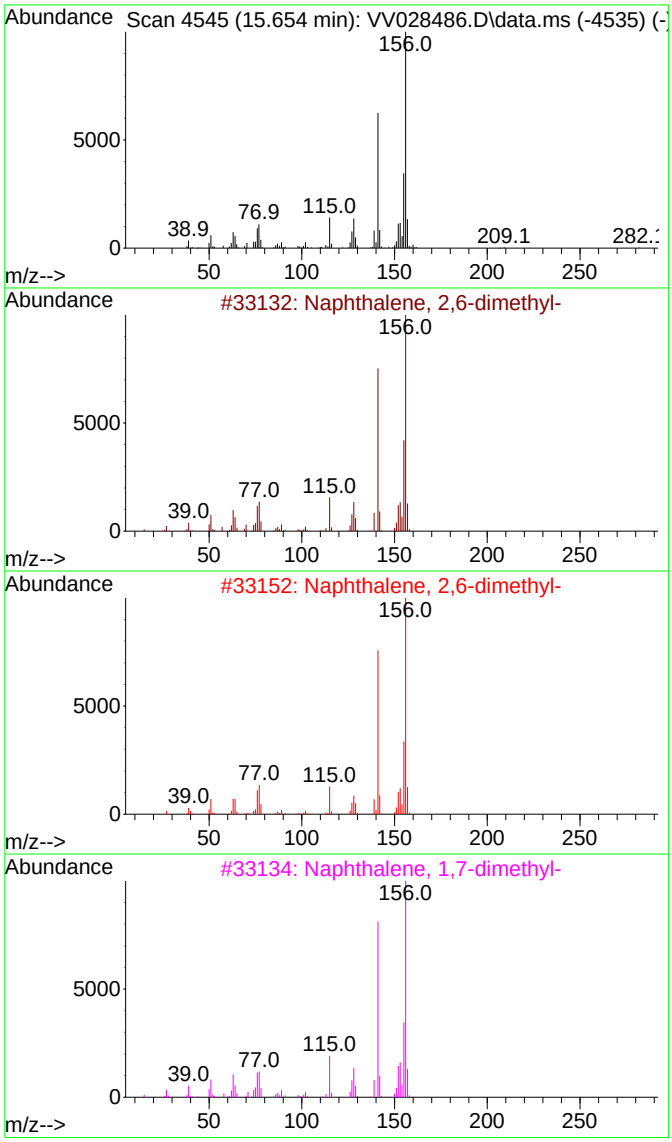
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

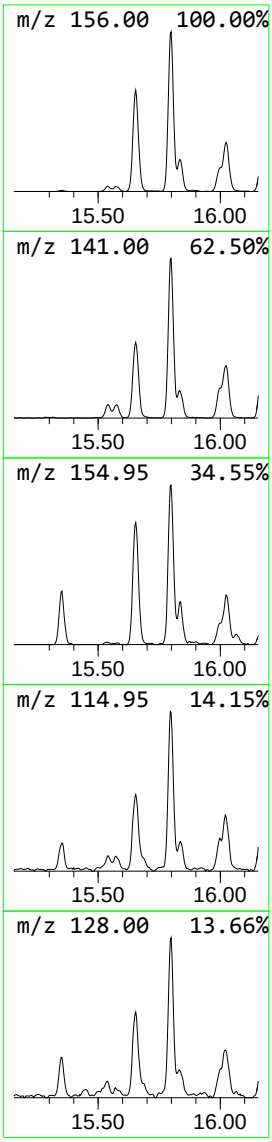
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.654	15.89 ug/L	337582	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

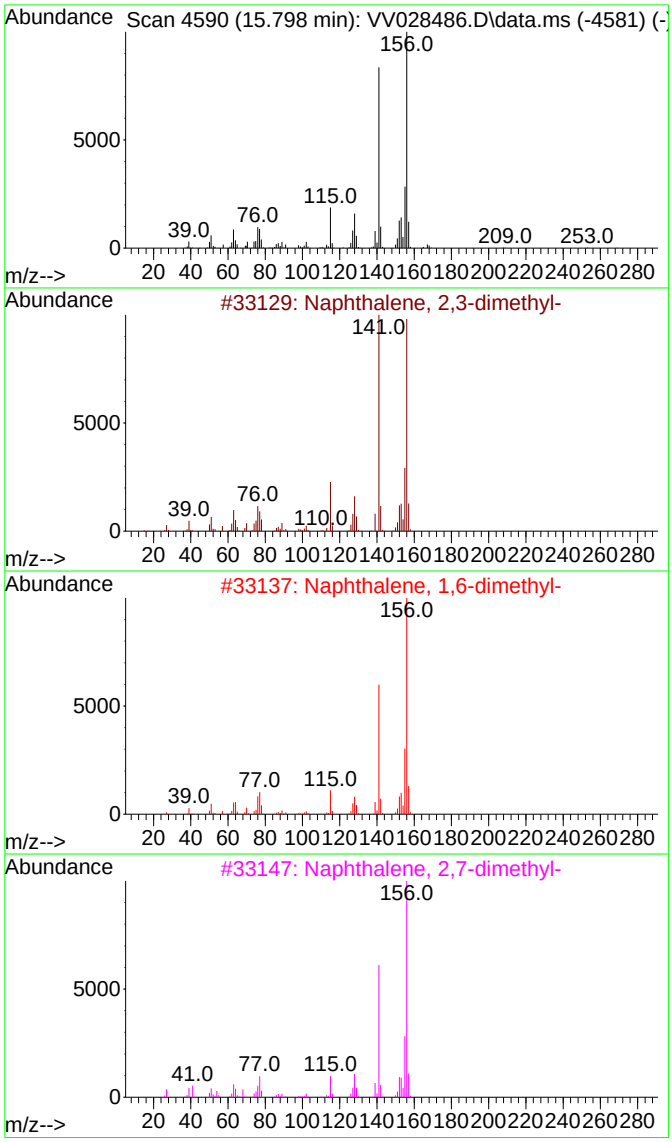
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

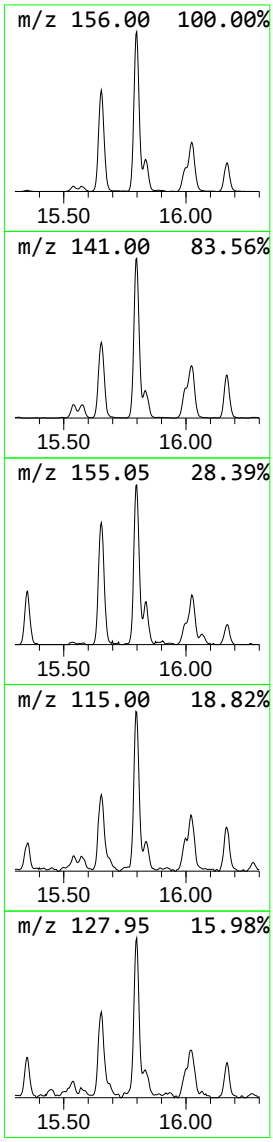
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.799	21.24 ug/L	451122	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

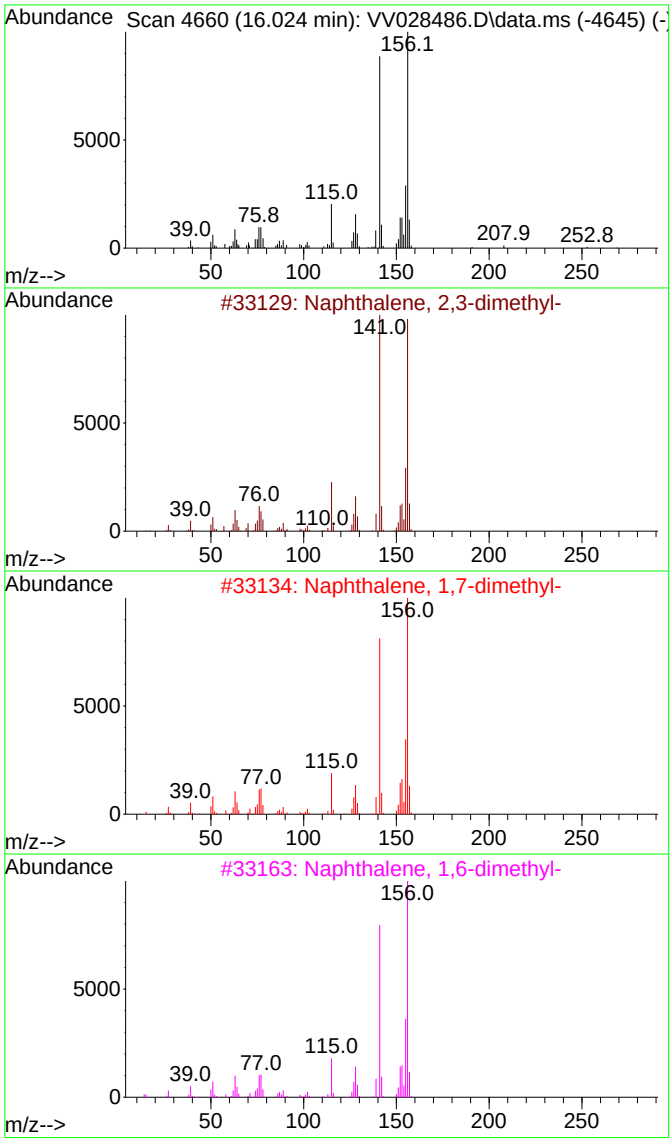
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

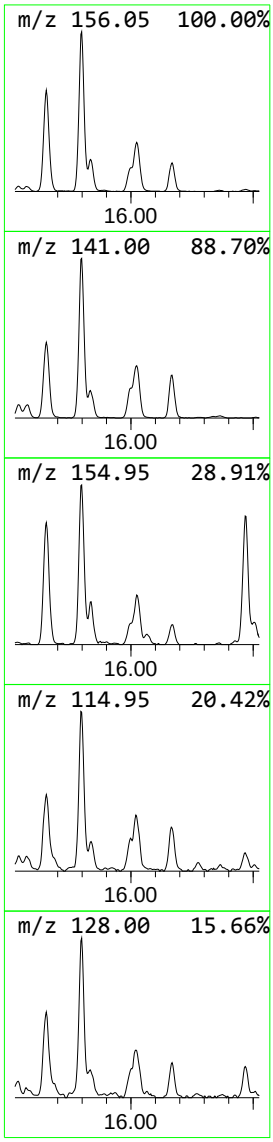
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.024	9.94 ug/L	211132	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

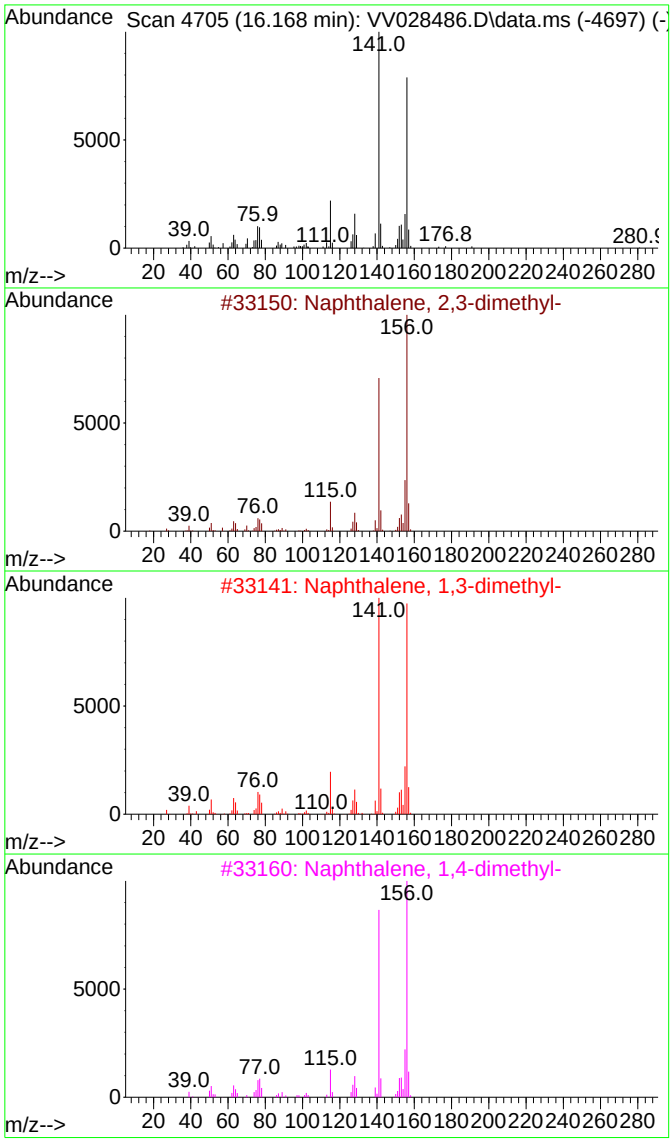
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

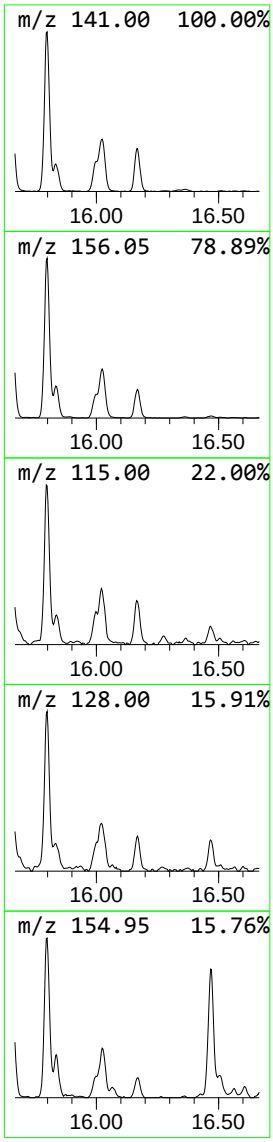
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.168	4.82 ug/L	102323	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

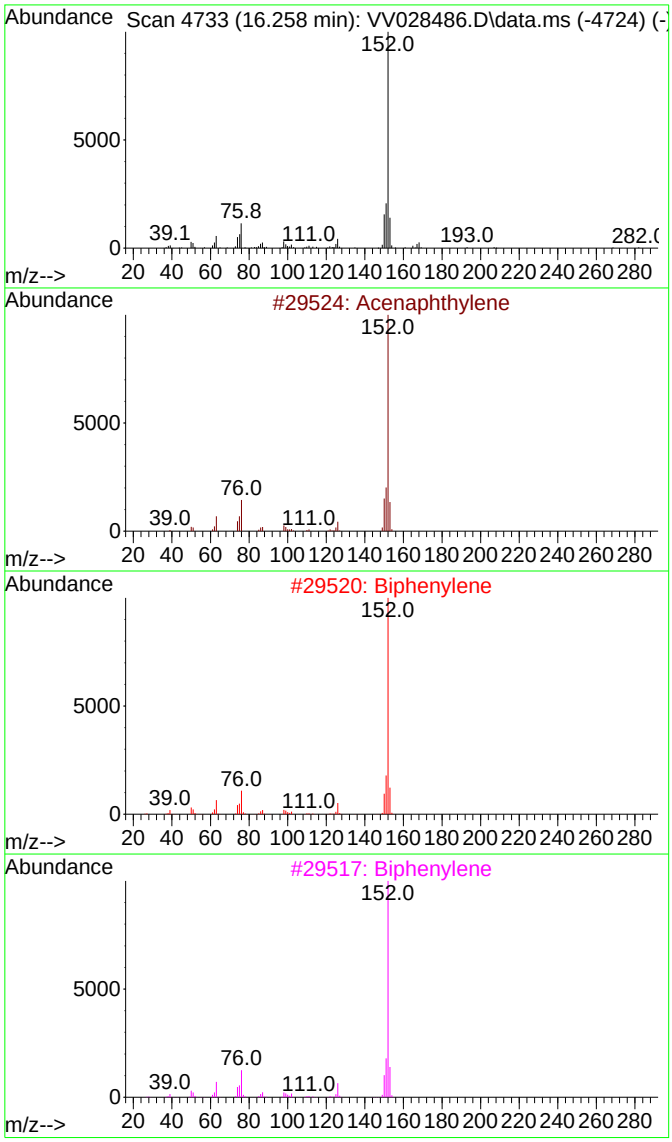
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

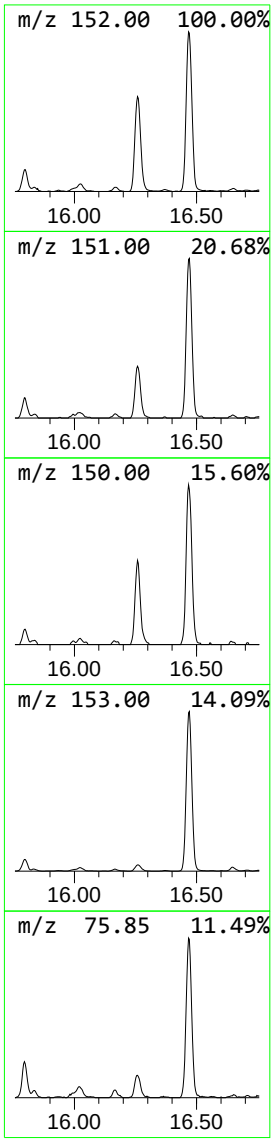
****

Peak Number 25 Biphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.258	8.26 ug/L	175548	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	95
2	Biphenylene	152	C12H8	000259-79-0	95
3	Biphenylene	152	C12H8	000259-79-0	93
4	Acenaphthylene	152	C12H8	000208-96-8	87
5	Acenaphthylene	152	C12H8	000208-96-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.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, propyl-	10.349	2.7	ug/L	57810	3	11.239	1062120	50.0
Benzene, 1-ethy...	10.467	2.6	ug/L	55442	3	11.239	1062120	50.0
Benzene, 1-ethy...	10.731	3.0	ug/L	63529	3	11.239	1062120	50.0
Benzene, 1,2,3-...	11.326	5.7	ug/L	121496	3	11.239	1062120	50.0
Indane	11.519	54.4	ug/L	1155970	3	11.239	1062120	50.0
Indene	11.734	66.5	ug/L	1411930	3	11.239	1062120	50.0
Benzene, 1-ethe...	12.104	3.2	ug/L	67685	3	11.239	1062120	50.0
Benzofuran, 7-m...	12.349	18.7	ug/L	396909	3	11.239	1062120	50.0
Benzofuran, 2-m...	12.451	35.2	ug/L	747735	3	11.239	1062120	50.0
1H-Indene, 2,3-...	12.715	12.2	ug/L	258500	3	11.239	1062120	50.0
2,4-Dimethylsty...	12.873	5.8	ug/L	123934	3	11.239	1062120	50.0
2-Methylindene	12.937	13.5	ug/L	286345	3	11.239	1062120	50.0
1H-Indene, 1-me...	13.043	21.4	ug/L	455666	3	11.239	1062120	50.0
Azulene	13.490	66.3	ug/L	1409510	3	11.239	1062120	50.0
1H-Indene, 1,1-...	14.088	3.5	ug/L	74840	3	11.239	1062120	50.0
Benzo[b]thiophe...	14.564	5.8	ug/L	123002	3	11.239	1062120	50.0
Naphthalene, 2-...	15.352	10.9	ug/L	232251	3	11.239	1062120	50.0
Naphthalene, 2,...	15.654	15.9	ug/L	337582	3	11.239	1062120	50.0
Naphthalene, 2,...	15.799	21.2	ug/L	451122	3	11.239	1062120	50.0
Naphthalene, 1,...	16.024	9.9	ug/L	211132	3	11.239	1062120	50.0
Naphthalene, 1,...	16.168	4.8	ug/L	102323	3	11.239	1062120	50.0
Biphenylene	16.258	8.3	ug/L	175548	3	11.239	1062120	50.0