LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E10012

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: VV028458.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	98	rVB	146233	153250	6.94%	0.861%
2	1.564	158	163	176	rVB	121497	136366	6.17%	0.766%
3	2.105	322	331	349	rVB	256773	370338	16.77%	2.081%
4	2.892	573	576	579	rVB4	418	260	0.01%	0.001%
5	2.918	579	584	591	rBV4	638	811	0.04%	0.005%
6	2.970	598	600	604	rVB4	774	538	0.02%	0.003%
7	3.043	621	623	627	rBV4	465	368	0.02%	0.002%
8	3.323	708	710	714	rVB3	477	284	0.01%	0.002%
9	3.342	714	716	721	rBV2	462	325	0.01%	0.002%
10	3.394	729	732	733	rBV2	512	237	0.01%	0.001%
11	3.458	750	752	755	rVB4	512	258	0.01%	0.001%
12	3.571	785	787	789	rBV2	492	244	0.01%	0.001%
13	3.613	794	800	801	rBV3	952	714	0.03%	0.004%
14	3.687	820	823	825	rVB	638	317	0.01%	0.002%
15	3.706	825	829	831	rVB2	558	344	0.02%	0.002%
16	3.722	831	834	835	rBV3	547	291	0.01%	0.002%
17	3.741	835	840	841	rBV3	799	574	0.03%	0.003%
18	3.896	878	888	928	rBV2	57259	232492	10.53%	1.306%
19	4.342	1013	1027	1056	rVB	199192	492446	22.30%	2.767%
20	4.905	1199	1202	1207	rBV4	515	407	0.02%	0.002%
21	4.937	1209	1212	1218	rVB4	788	566	0.03%	0.003%
22	5.040	1227	1244	1286	rBV2	499634	1374178	62.23%	7.720%
23	5.371	1345	1347	1353	rVB7	832	523	0.02%	0.003%
24	5.487	1377	1383	1387	rBV7	694	762	0.03%	0.004%
25	5.539	1395	1399	1403	rBV2	514	421	0.02%	0.002%
26	5.612	1409	1422	1453	rBV	411178	835656	37.84%	4.695%
27	5.905	1506	1513	1515	rBV3	2239	2283	0.10%	0.013%
28	5.969	1530	1533	1537	rVB4	575	440	0.02%	0.002%
29	5.998	1537	1542	1547	rBV3	635	820	0.04%	0.005%
30	6.066	1549	1563	1590	rBV	286355	594595	26.92%	3.341%
31	6.413	1669	1671	1675	rVB3	448	249	0.01%	0.001%
32	6.474	1687	1690	1695	rVB5	1004	701	0.03%	0.004%
33	6.538	1706	1710	1711	rBV2	364	258	0.01%	0.001%
34	6.574	1718	1721	1725	rVB3	774	511	0.02%	0.003%
35	6.600	1725	1729	1730	rBV2	428	265	0.01%	0.001%
36	6.754	1773	1777	1782	rBV5	657	749	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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	6.780	1782	1785	1790	rVB	8472	5216	0.24%	0.029%
38	6.818	1795	1797	1802	rVB2	546	341	0.02%	0.002%
39	6.844	1802	1805	1808	rBV4	717	504	0.02%	0.003%
40	6.860	1808	1810	1813	rBV2	397	236	0.01%	0.001%
41	6.931	1829	1832	1835	rVB2	696	513	0.02%	0.003%
42	6.982	1835	1848	1871	rBV	173655	329777	14.93%	1.853%
43	7.201	1912	1916	1919	rBV4	858	624	0.03%	0.004%
44	7.220	1919	1922	1925	rVV3	543	410	0.02%	0.002%
45	7.310	1938	1950	1968	rBV	631514	1091450	49.42%	6.132%
46	7.616	2035	2045	2066	rBV	121398	215290	9.75%	1.210%
47	7.895	2129	2132	2135	rBV4	901	529	0.02%	0.003%
48	8.001	2161	2165	2166	rBV3	577	324	0.01%	0.002%
49	8.034	2171	2175	2178	rBV2	855	655	0.03%	0.004%
50	8.085	2181	2191	2225	rBV	332828	649965	29.43%	3.652%
51	8.426	2291	2297	2298	rBV3	938	823	0.04%	0.005%
52	8.590	2345	2348	2351	rBV3	734	592	0.03%	0.003%
53	8.683	2373	2377	2379	rBV3	489	393	0.02%	0.002%
54	8.738	2391	2394	2397	rBV5	1345	1048	0.05%	0.006%
55	8.844	2416	2427	2455	rBV	615030	1002178	45.38%	5.630%
56	9.011	2470	2479	2500	rVB	27836	48993	2.22%	0.275%
57	9.136	2510	2518	2531	rBV2	31558	53327	2.41%	0.300%
58	9.320	2572	2575	2579	rBV4	527	338	0.02%	0.002%
59	9.474	2621	2623	2625	rBV	431	302	0.01%	0.002%
60	9.538	2634	2643	2659	rBV	26574	50188	2.27%	0.282%
61	9.741	2701	2706	2708	rBV3	567	416	0.02%	0.002%
62	9.780	2715	2718	2722	rVB5	428	398	0.02%	0.002%
63	9.873	2746	2747	2751	rBV	490	367	0.02%	0.002%
64	9.927	2756	2764	2778	rVB	13115	21429	0.97%	0.120%
65	9.985	2778	2782	2785	rBV4	648	499	0.02%	0.003%
66	10.034	2793	2797	2803	rVB2	891	676	0.03%	0.004%
67	10.207	2839	2851	2869	rBV	394158	617409	27.96%	3.469%
68	10.535	2946	2953	2963	rVB	13235	18874	0.85%	0.106%
69	10.731	3004	3014	3030	rBV2	11552	19919	0.90%	0.112%
70	10.908	3060	3069	3086	rBV	30260	47781	2.16%	0.268%
71	10.992	3089	3095	3101	rVV5	2094	2460	0.11%	0.014%
72	11.107	3129	3131	3133	rBV2	539	309	0.01%	0.002%
73	11.169	3141	3150	3161	rBV3	15633	29175	1.32%	0.164%
74	11.239	3161	3172	3191	rVV	685339	1058355	47.92%	5.946%
75	11.326	3193	3199	3213	rVB	24489	37396	1.69%	0.210%
76	11.390	3216	3219	3221	rBV4	2235	1670	0.08%	0.009%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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	11.519	3248	3259	3275	rBV	310457	484698	21.95%	2.723%
78	11.615	3278	3289	3310	rVB	641770	1010418	45.75%	5.677%
79	11.738	3318	3327	3340	rBV	52326	84086	3.81%	0.472%
80	11.982	3398	3403	3404	rBV3	3445	2421	0.11%	0.014%
81	12.107	3433	3442	3454	rBV2	14939	23662	1.07%	0.133%
82	12.307	3498	3504	3509	rBV6	2826	3768	0.17%	0.021%
83	12.352	3510	3518	3527	rVV3	28596	43532	1.97%	0.245%
84	12.458	3542	3551	3564	rBV	53259	98823	4.47%	0.555%
85	12.667	3614	3616	3621	rBV5	1192	1037	0.05%	0.006%
86	12.715	3625	3631	3641	rVB	19896	28106	1.27%	0.158%
87	12.873	3670	3680	3691	rVV	57823	90301	4.09%	0.507%
88	12.940	3694	3701	3711	rVB	18879	28894	1.31%	0.162%
89	13.046	3724	3734	3748	rVB	35327	60762	2.75%	0.341%
90	13.394	3836	3842	3854	rBV6	9383	15673	0.71%	0.088%
91	13.490	3861	3872	3895	rVB	1395014	2208400	100.00%	12.407%
92	13.609	3902	3909	3919	rVB	88659	135859	6.15%	0.763%
93	14.619	4213	4223	4248	rVB	547993	855660	38.75%	4.807%
94	14.802	4269	4280	4298	rBV	505122	794267	35.97%	4.462%
95	15.348	4440	4450	4464	rBV	166974	255509	11.57%	1.436%
96	15.651	4534	4544	4565	rBV	183618	336990	15.26%	1.893%
97	15.795	4581	4589	4596	rBV	274902	409102	18.52%	2.298%
98	16.165	4698	4704	4717	rVB	74242	113869	5.16%	0.640%
99	16.255	4722	4732	4751	rVV	520311	895667	40.56%	5.032%
100	16.467	4791	4798	4816	rVB	192160	302678	13.71%	1.701%

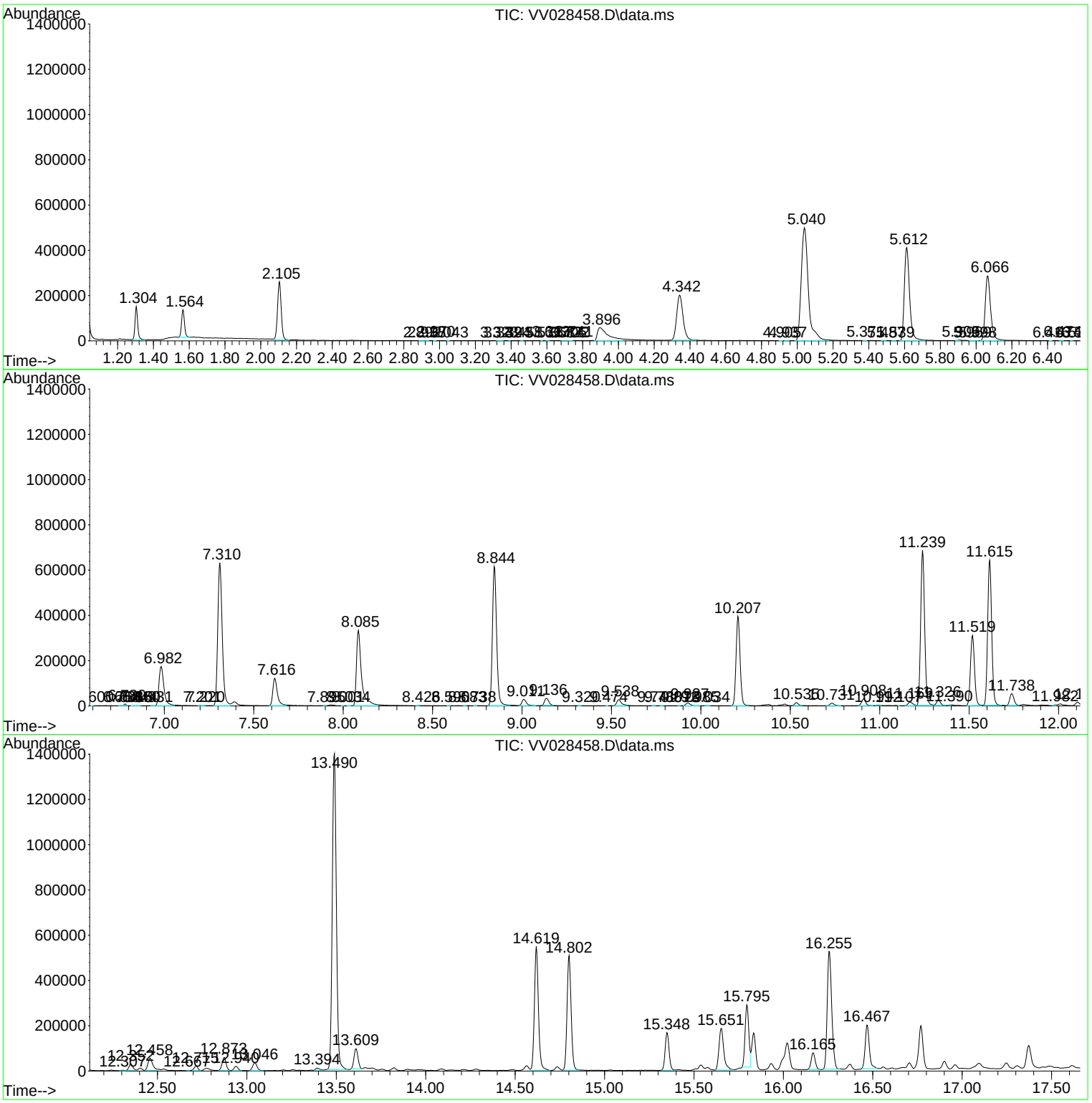
Sum of corrected areas: 17799172

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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 : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

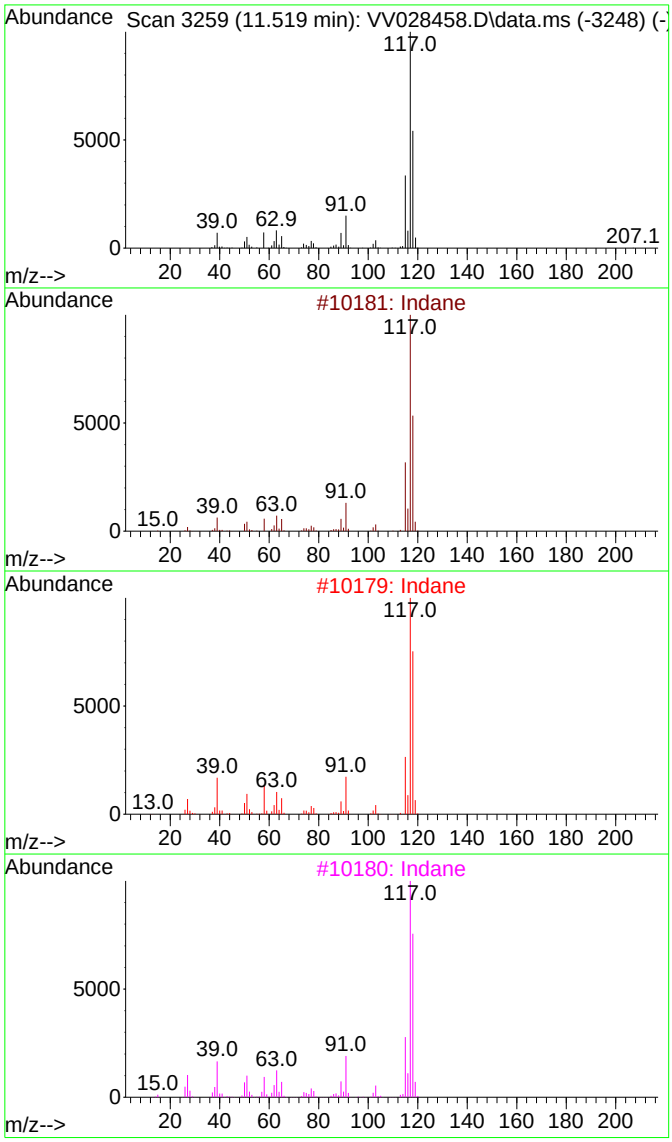
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

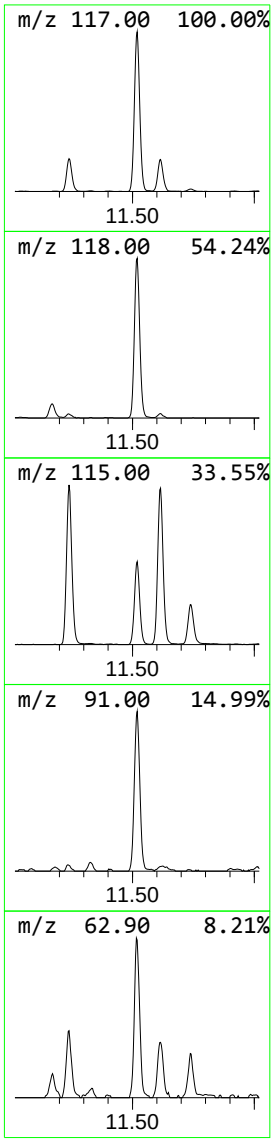
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	22.90 ug/L	484698	1,4-Dichlorobenzene-d4	11.239

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	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

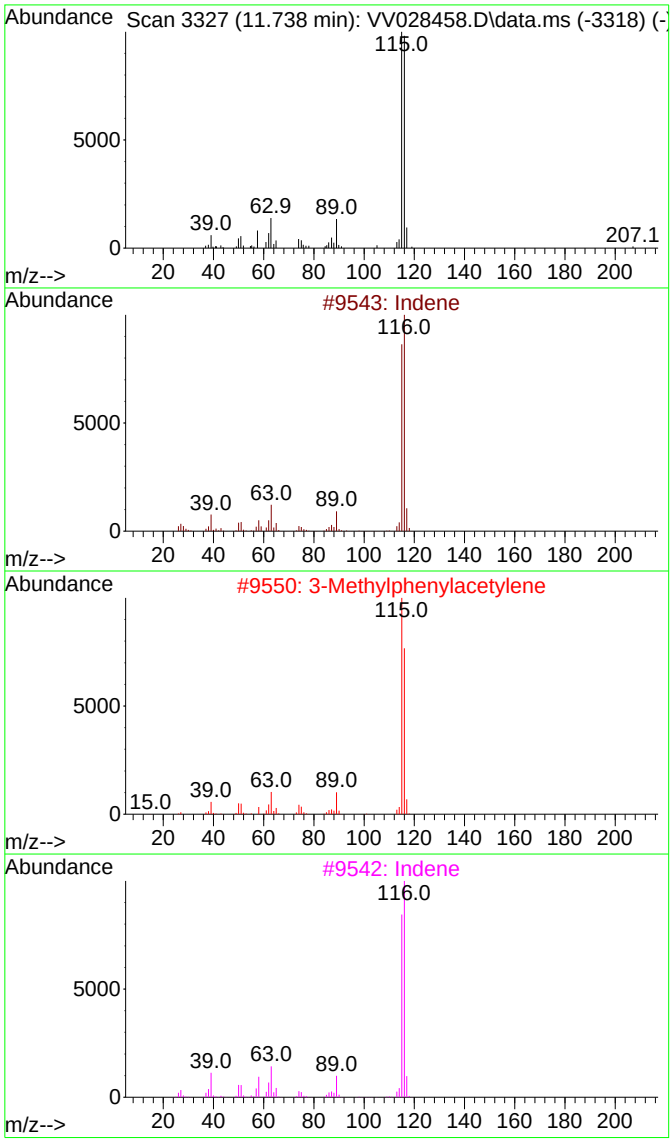
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

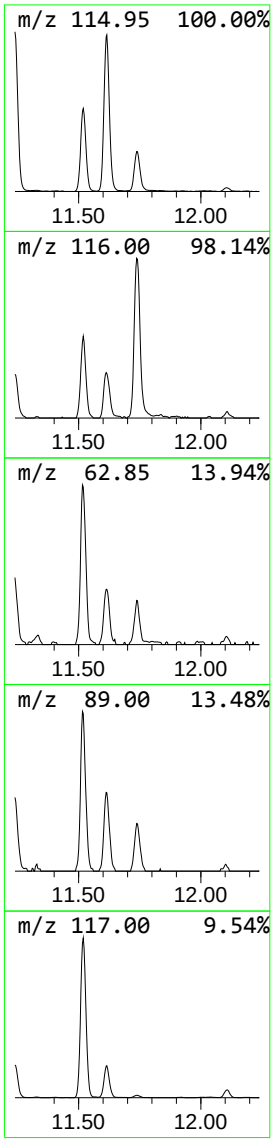
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.738	3.97 ug/L	84086	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	95
3	Indene	116	C9H8	000095-13-6	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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

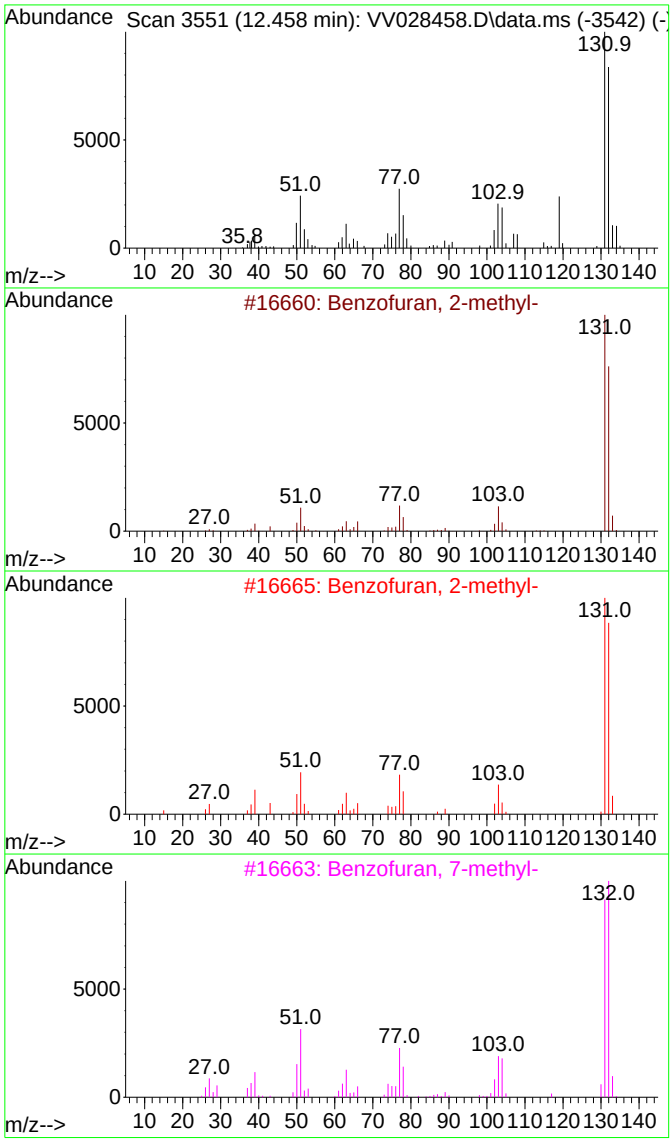
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

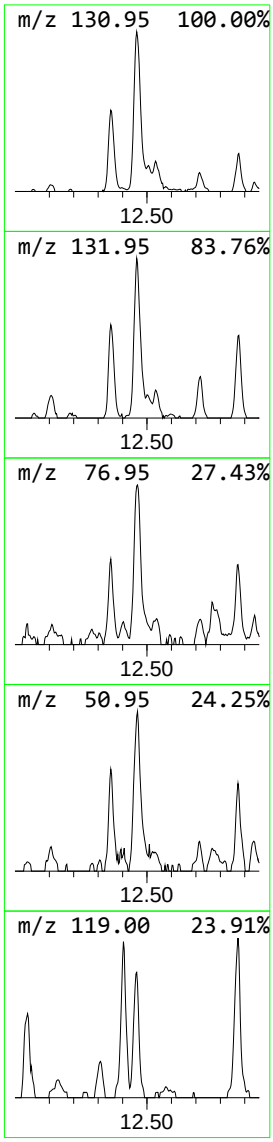
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.458	4.67 ug/L	98823	1,4-Dichlorobenzene-d4	11.239

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

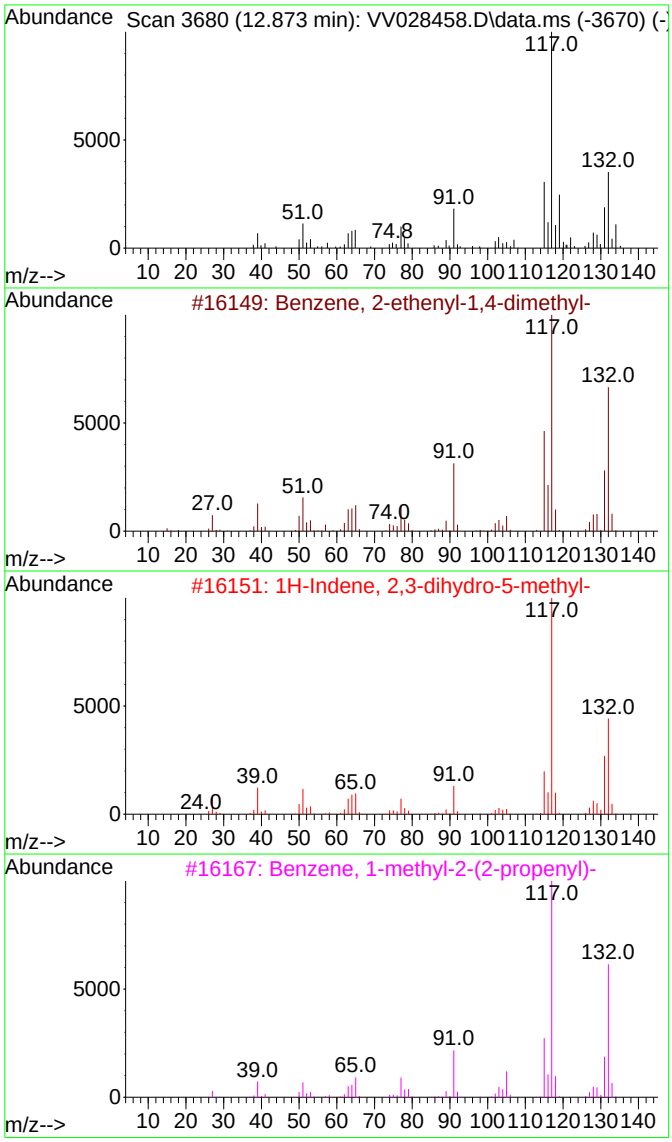
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

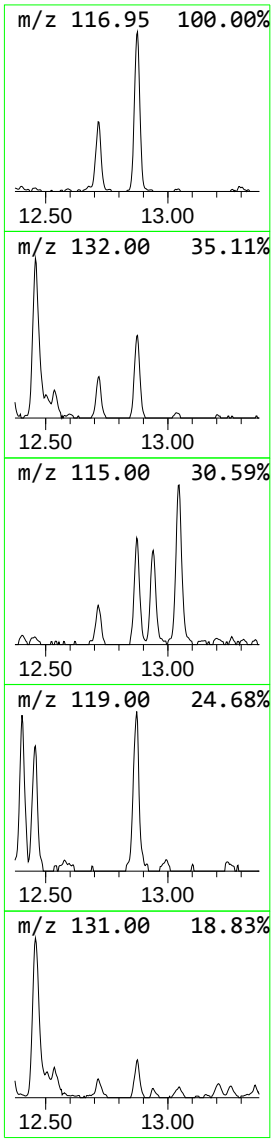
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	4.27 ug/L	90301	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

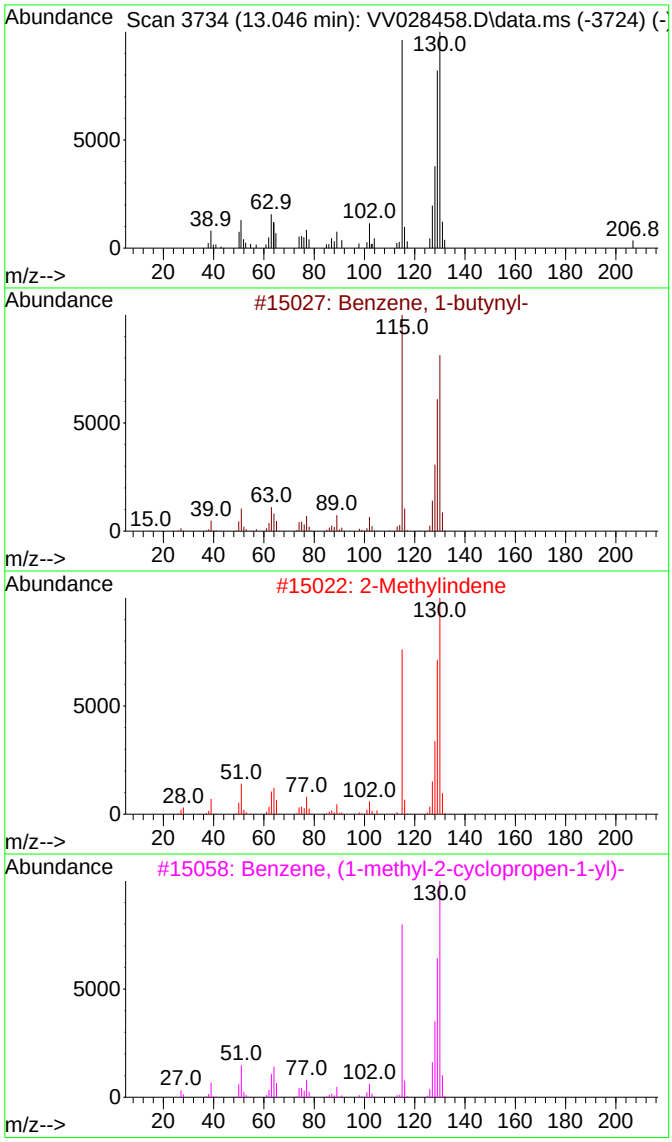
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

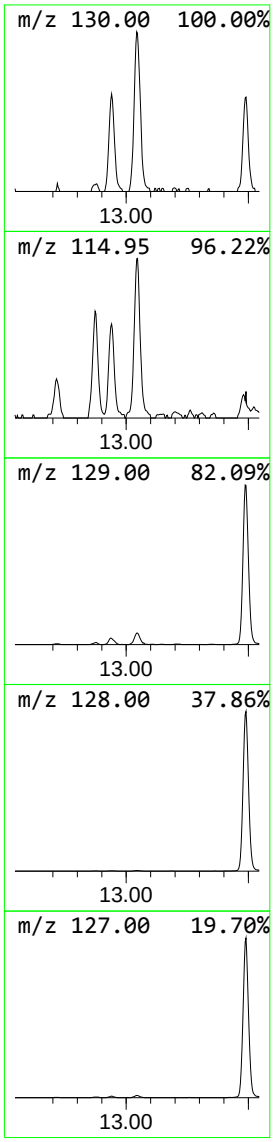
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-butynyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.046	2.87 ug/L	60762	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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

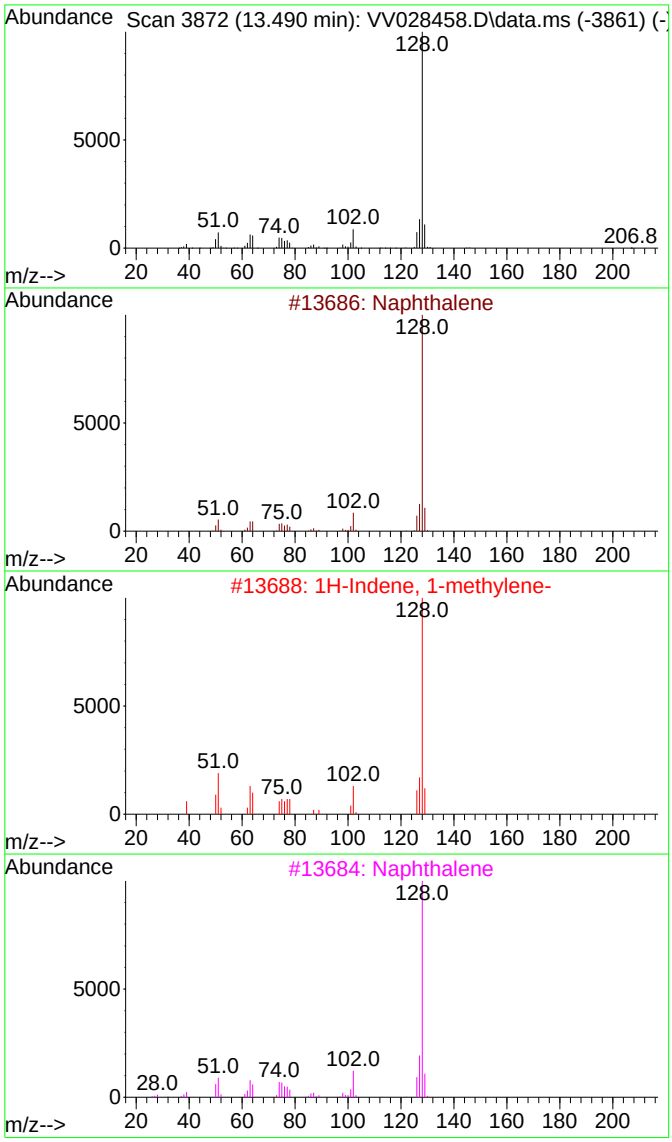
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

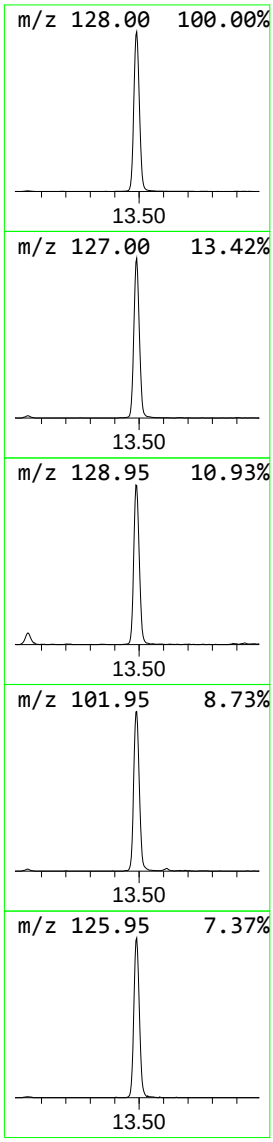
****

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.490	104.33 ug/L	2208400	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

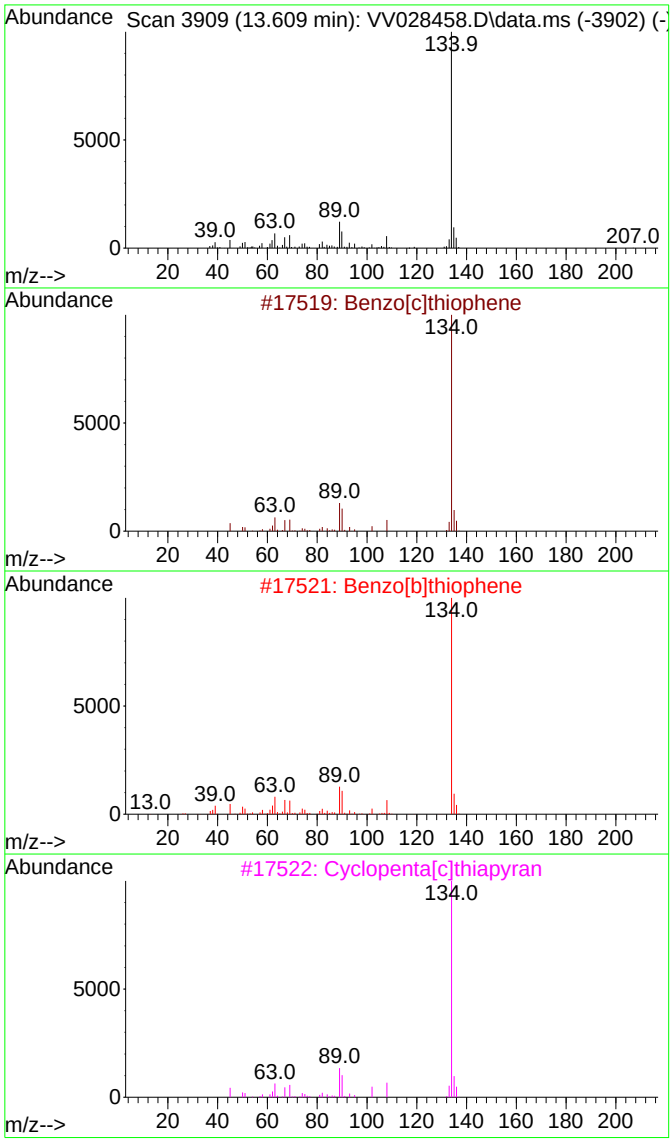
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

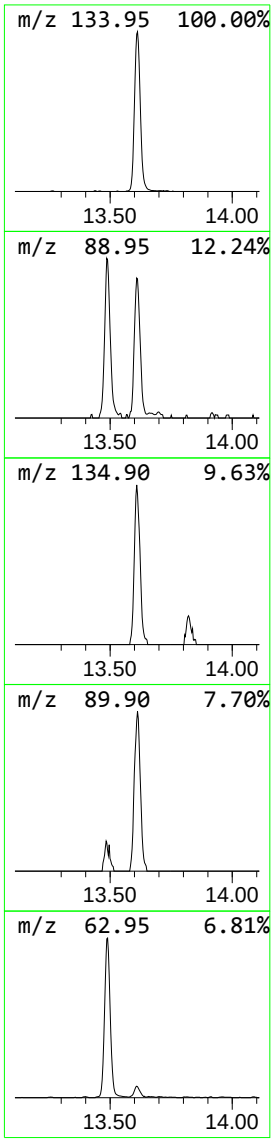
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[c]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	6.42 ug/L	135859	1,4-Dichlorobenzene-d4	11.239

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

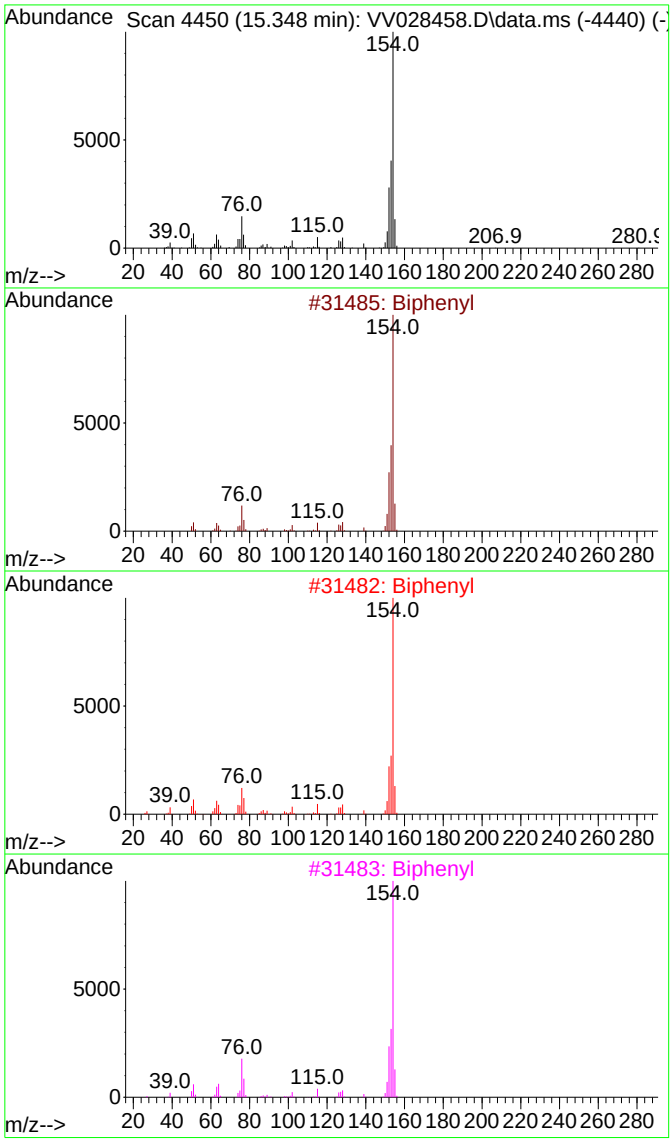
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

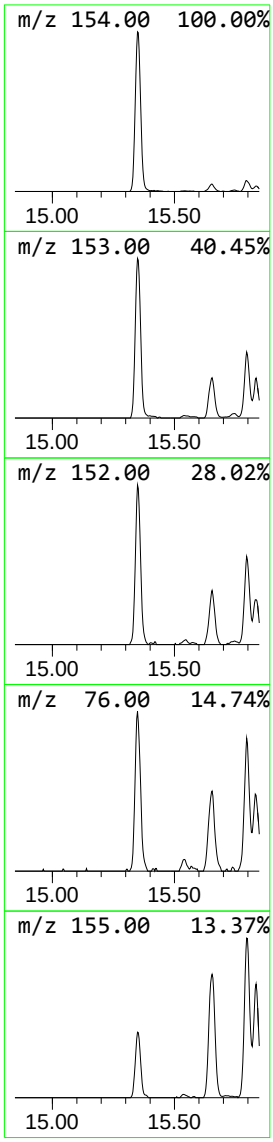
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.348	12.07 ug/L	255509	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	94
4	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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

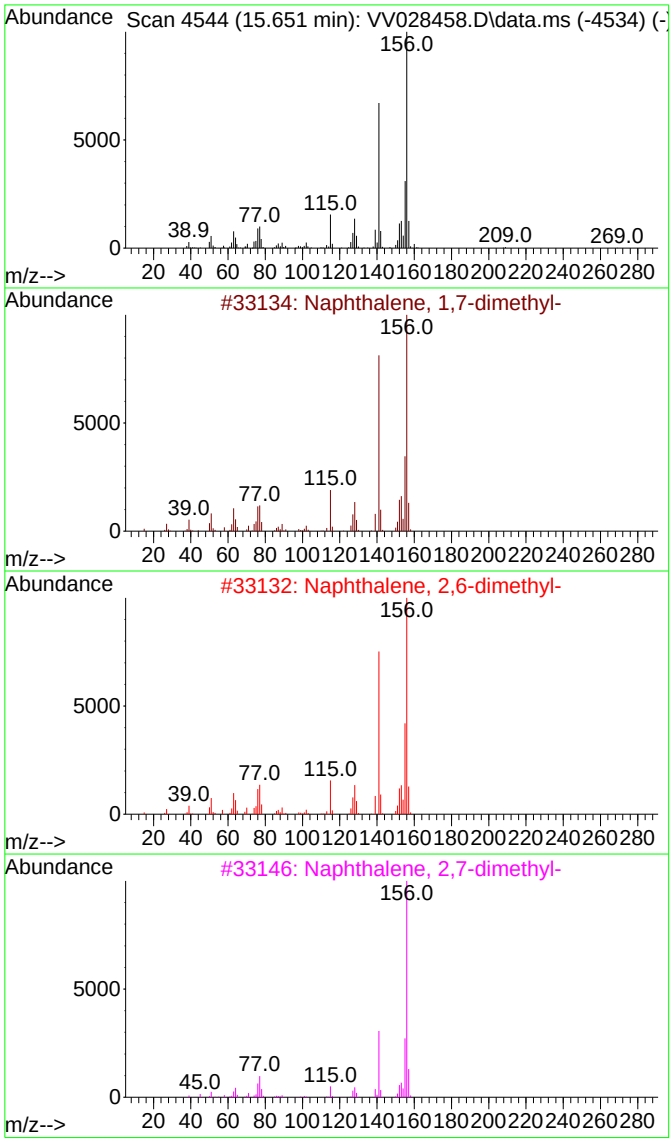
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

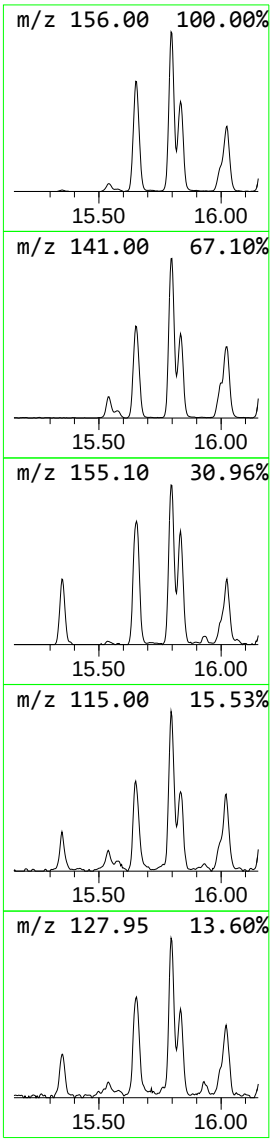
****

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	15.92 ug/L	336990	1,4-Dichlorobenzene-d4	11.239

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

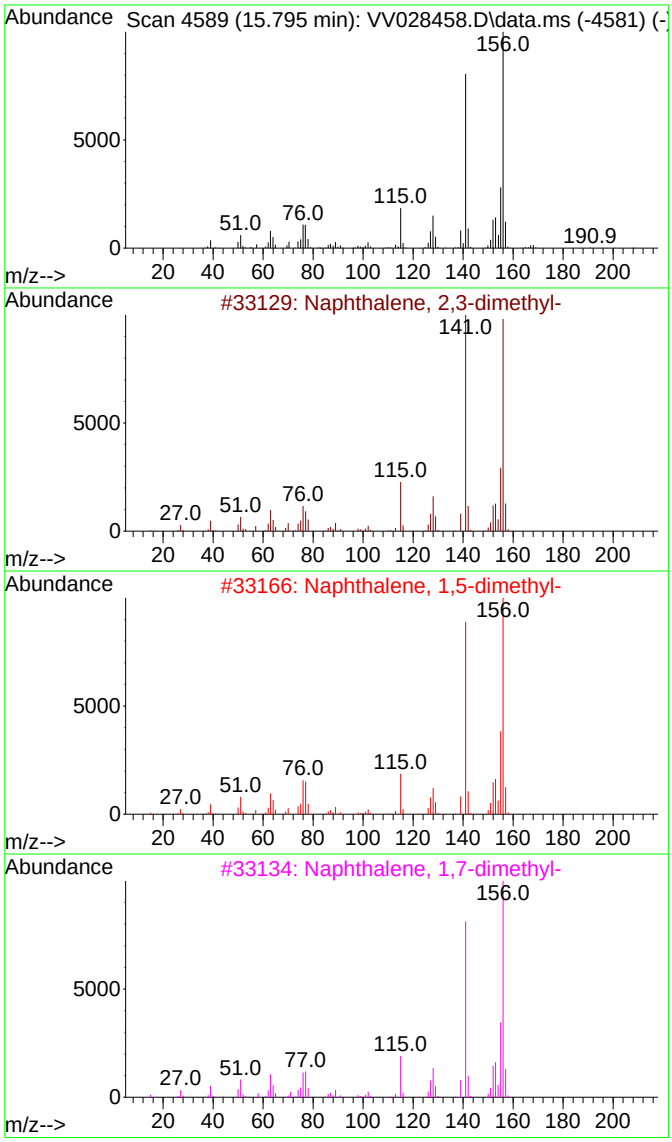
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

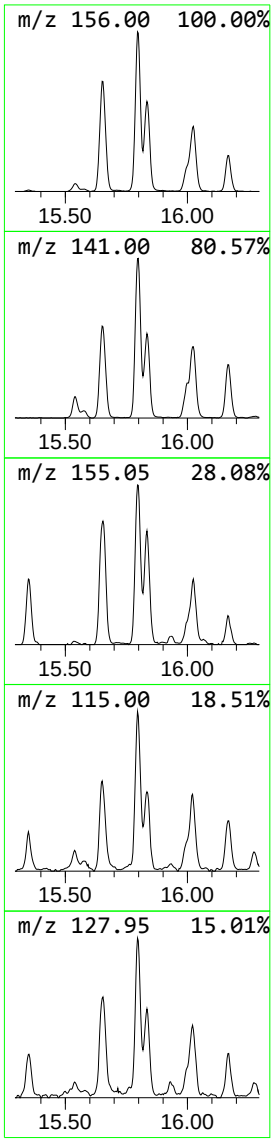
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	19.33 ug/L	409102	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, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

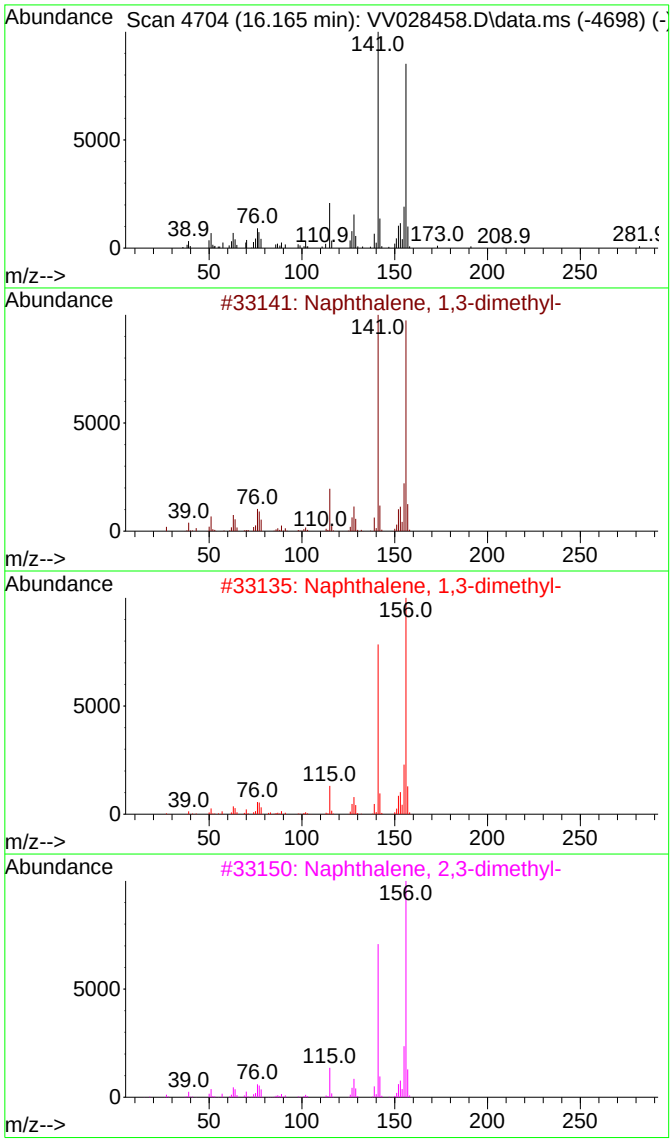
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

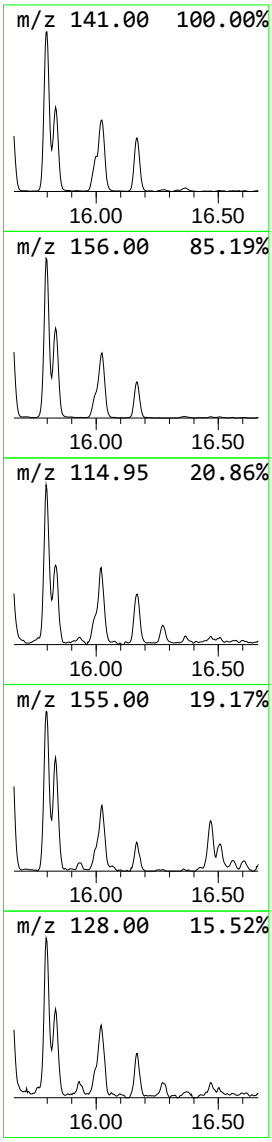
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	5.38 ug/L	113869	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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

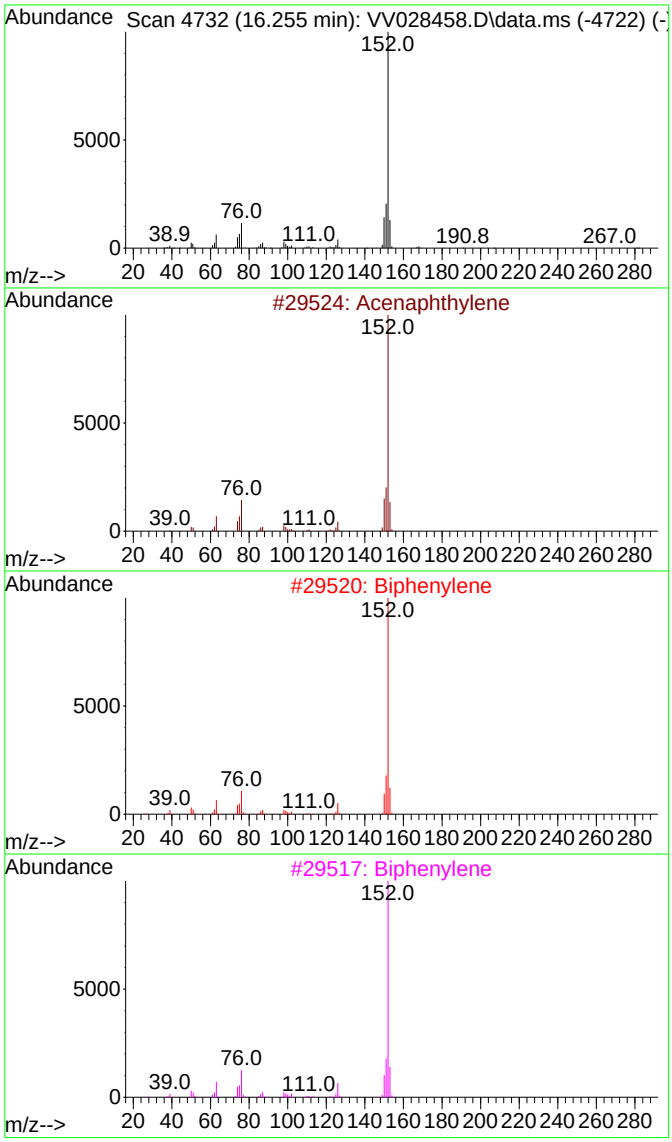
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

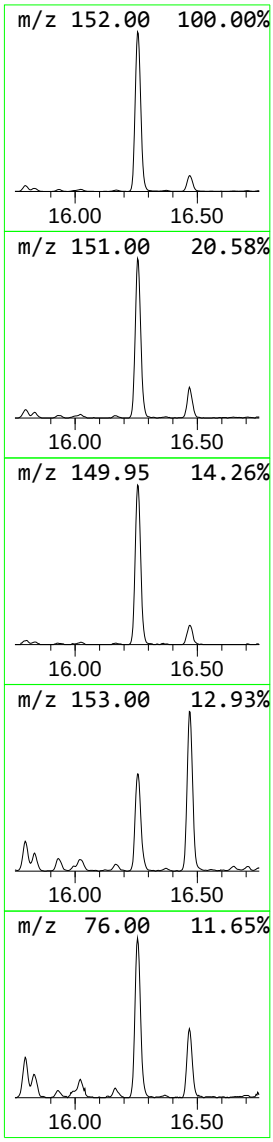
****

Peak Number 15 Biphenylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.255	42.31 ug/L	895667	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	93
3	Biphenylene	152	C12H8	000259-79-0	90
4	Acenaphthylene	152	C12H8	000208-96-8	87
5	Acenaphthylene	152	C12H8	000208-96-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

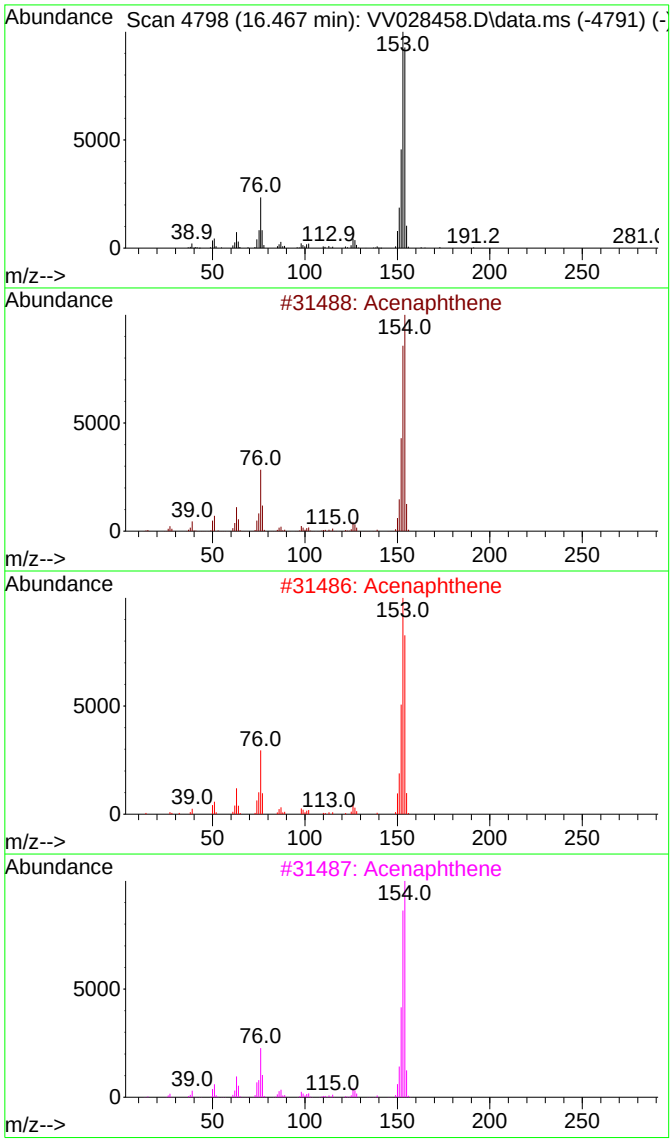
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

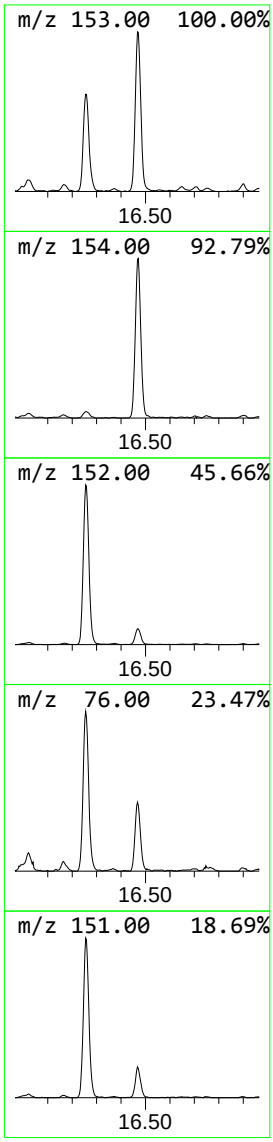
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.467	14.30 ug/L	302678	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	90
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	72
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028458.D
Acq On : 08 Oct 2022 23:51
Operator : SY/MD
Sample : N4923-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10012

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
Indane	11.519	22.9	ug/L	484698	3	11.239	1058360	50.0
Indene	11.738	4.0	ug/L	84086	3	11.239	1058360	50.0
Benzofuran, 2-m...	12.458	4.7	ug/L	98823	3	11.239	1058360	50.0
Benzene, 2-ethe...	12.873	4.3	ug/L	90301	3	11.239	1058360	50.0
Benzene, 1-buty...	13.046	2.9	ug/L	60762	3	11.239	1058360	50.0
Azulene	13.490	104.3	ug/L	2208400	3	11.239	1058360	50.0
Benzo[c]thiophene	13.609	6.4	ug/L	135859	3	11.239	1058360	50.0
Naphthalene, 2-...	15.348	12.1	ug/L	255509	3	11.239	1058360	50.0
Naphthalene, 1,...	15.651	15.9	ug/L	336990	3	11.239	1058360	50.0
Naphthalene, 2,...	15.795	19.3	ug/L	409102	3	11.239	1058360	50.0
Naphthalene, 1,...	16.165	5.4	ug/L	113869	3	11.239	1058360	50.0
Biphenylene	16.255	42.3	ug/L	895667	3	11.239	1058360	50.0
Hexa-2,4-diyn-1...	16.467	14.3	ug/L	302678	3	11.239	1058360	50.0