LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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: VV028481.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	99	rVB	233435	240356	3.76%	0.977%
2	1.568	158	164	176	rVB	185498	212826	3.33%	0.865%
3	2.105	322	331	349	rVB	371335	538742	8.43%	2.189%
4	2.909	578	581	584	rBV3	468	362	0.01%	0.001%
5	2.931	584	588	591	rBV4	683	573	0.01%	0.002%
6	3.053	623	626	628	rBV3	529	364	0.01%	0.001%
7	3.082	632	635	638	rBV4	447	411	0.01%	0.002%
8	3.140	649	653	654	rBV2	628	441	0.01%	0.002%
9	3.272	690	694	696	rBV2	477	345	0.01%	0.001%
10	3.294	698	701	705	rVV2	540	490	0.01%	0.002%
11	3.368	722	724	729	rVB4	610	450	0.01%	0.002%
12	3.410	736	737	741	rBV	518	326	0.01%	0.001%
13	3.442	743	747	753	rVB3	679	750	0.01%	0.003%
14	3.468	753	755	759	rBV2	548	305	0.00%	0.001%
15	3.545	777	779	784	rVB4	591	438	0.01%	0.002%
16	3.568	784	786	790	rVB3	586	414	0.01%	0.002%
17	3.761	841	846	849	rBV2	520	587	0.01%	0.002%
18	3.786	852	854	856	rBV2	622	295	0.00%	0.001%
19	3.896	877	888	935	rBV	90594	383467	6.00%	1.558%
20	4.343	1013	1027	1056	rVB	253708	619936	9.70%	2.519%
21	4.577	1098	1100	1103	rBV4	518	312	0.00%	0.001%
22	4.764	1155	1158	1161	rBV3	489	460	0.01%	0.002%
23	4.799	1164	1169	1171	rVV4	603	381	0.01%	0.002%
24	4.834	1179	1180	1184	rVV	414	307	0.00%	0.001%
25	4.854	1184	1186	1189	rVB3	565	319	0.00%	0.001%
26	5.040	1227	1244	1256	rBV2	647249	1653507	25.86%	6.720%
27	5.551	1400	1403	1407	rBV4	759	380	0.01%	0.002%
28	5.613	1410	1422	1453	rVV	414825	843412	13.19%	3.428%
29	5.908	1506	1514	1520	rBV9	2411	4318	0.07%	0.018%
30	6.008	1539	1545	1546	rBV	386	309	0.00%	0.001%
31	6.063	1549	1562	1592	rBV	353434	743133	11.62%	3.020%
32	6.413	1669	1671	1675	rBV2	611	305	0.00%	0.001%
33	6.497	1695	1697	1701	rVB4	458	349	0.01%	0.001%
34	6.600	1726	1729	1733	rBV3	979	654	0.01%	0.003%
35	6.619	1733	1735	1740	rVB3	711	530	0.01%	0.002%
36	6.641	1740	1742	1744	rBV	521	306	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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	6.664	1747	1749	1753	rVV3	673	626	0.01%	0.003%
38	6.683	1753	1755	1759	rVV4	1128	674	0.01%	0.003%
39	6.709	1759	1763	1766	rVV2	987	554	0.01%	0.002%
40	6.757	1774	1778	1784	rBV4	876	790	0.01%	0.003%
41	6.982	1835	1848	1870	rBV	221197	413738	6.47%	1.681%
42	7.201	1912	1916	1919	rBV4	644	505	0.01%	0.002%
43	7.310	1938	1950	1964	rBV	779358	1357518	21.23%	5.517%
44	7.384	1965	1973	2001	rVB	274573	486569	7.61%	1.977%
45	7.616	2034	2045	2067	rBV	150637	270705	4.23%	1.100%
46	7.838	2111	2114	2116	rBV3	797	636	0.01%	0.003%
47	7.886	2126	2129	2132	rVB3	720	494	0.01%	0.002%
48	8.027	2170	2173	2178	rVB3	743	611	0.01%	0.002%
49	8.085	2181	2191	2227	rBV	434117	841406	13.16%	3.419%
50	8.346	2270	2272	2276	rBV3	738	414	0.01%	0.002%
51	8.484	2310	2315	2318	rBV3	937	1037	0.02%	0.004%
52	8.847	2415	2428	2455	rBV	590898	992221	15.52%	4.032%
53	9.011	2471	2479	2494	rVB2	18522	30112	0.47%	0.122%
54	9.130	2506	2516	2534	rBV	156481	263440	4.12%	1.071%
55	9.307	2567	2571	2572	rBV3	795	638	0.01%	0.003%
56	9.371	2589	2591	2595	rVB2	626	309	0.00%	0.001%
57	9.403	2595	2601	2603	rBV3	1048	1218	0.02%	0.005%
58	9.545	2633	2645	2667	rBV4	104615	268422	4.20%	1.091%
59	9.854	2740	2741	2747	rVB2	658	514	0.01%	0.002%
60	9.921	2759	2762	2763	rBV2	1092	651	0.01%	0.003%
61	10.021	2788	2793	2795	rBV3	758	711	0.01%	0.003%
62	10.085	2809	2813	2818	rBV4	793	646	0.01%	0.003%
63	10.111	2818	2821	2824	rBV3	459	350	0.01%	0.001%
64	10.207	2833	2851	2868	rBV	484728	752965	11.78%	3.060%
65	10.342	2889	2893	2895	rBV3	813	797	0.01%	0.003%
66	10.442	2912	2924	2941	rBV2	15779	33618	0.53%	0.137%
67	10.532	2944	2952	2963	rVB	36570	53847	0.84%	0.219%
68	10.657	2989	2991	2993	rBV	829	392	0.01%	0.002%
69	10.735	3006	3015	3019	rBV2	5851	7730	0.12%	0.031%
70	10.834	3042	3046	3049	rVB3	696	516	0.01%	0.002%
71	10.850	3049	3051	3053	rVB3	844	405	0.01%	0.002%
72	10.870	3053	3057	3058	rBV3	689	507	0.01%	0.002%
73	10.908	3058	3069	3081	rBV	82198	127140	1.99%	0.517%
74	10.982	3084	3092	3101	rBV	38505	58219	0.91%	0.237%
75	11.162	3137	3148	3162	rBV	232139	369801	5.78%	1.503%
76	11.239	3162	3172	3190	rVV	669786	1041752	16.29%	4.234%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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	11.329	3192	3200	3211	rVB	40695	63773	1.00%	0.259%
78	11.522	3250	3260	3274	rBV	57242	91781	1.44%	0.373%
79	11.616	3277	3289	3313	rVV	766154	1208923	18.91%	4.913%
80	11.735	3315	3326	3349	rBV	969149	1463894	22.90%	5.949%
81	12.107	3437	3442	3451	rBV7	3414	4260	0.07%	0.017%
82	12.188	3461	3467	3478	rVB5	7505	10463	0.16%	0.043%
83	12.352	3508	3518	3528	rBV2	70003	111799	1.75%	0.454%
84	12.455	3540	3550	3560	rBV	176087	321302	5.03%	1.306%
85	12.673	3614	3618	3623	rBV5	2055	2949	0.05%	0.012%
86	12.715	3625	3631	3643	rVB3	12111	19201	0.30%	0.078%
87	12.792	3650	3655	3657	rBV6	974	849	0.01%	0.003%
88	12.873	3671	3680	3690	rVB2	35628	53083	0.83%	0.216%
89	12.940	3691	3701	3711	rVV	74167	111983	1.75%	0.455%
90	13.043	3722	3733	3752	rVB2	127471	214158	3.35%	0.870%
91	13.194	3778	3780	3781	rBV2	1568	723	0.01%	0.003%
92	13.255	3793	3799	3806	rBV8	5653	7878	0.12%	0.032%
93	13.490	3859	3872	3894	rBV	4106118	6393211	100.00%	25.982%
94	13.609	3902	3909	3919	rVB	153622	230886	3.61%	0.938%
95	14.332	4129	4134	4140	rBV8	2126	2997	0.05%	0.012%
96	14.619	4213	4223	4247	rVB	506871	791659	12.38%	3.217%
97	14.802	4270	4280	4298	rBV	415841	659795	10.32%	2.681%
98	15.352	4443	4451	4462	rBV2	36045	54811	0.86%	0.223%
99	15.799	4582	4590	4597	rBV3	53733	83461	1.31%	0.339%
100	16.471	4793	4799	4813	rVB	43734	68338	1.07%	0.278%

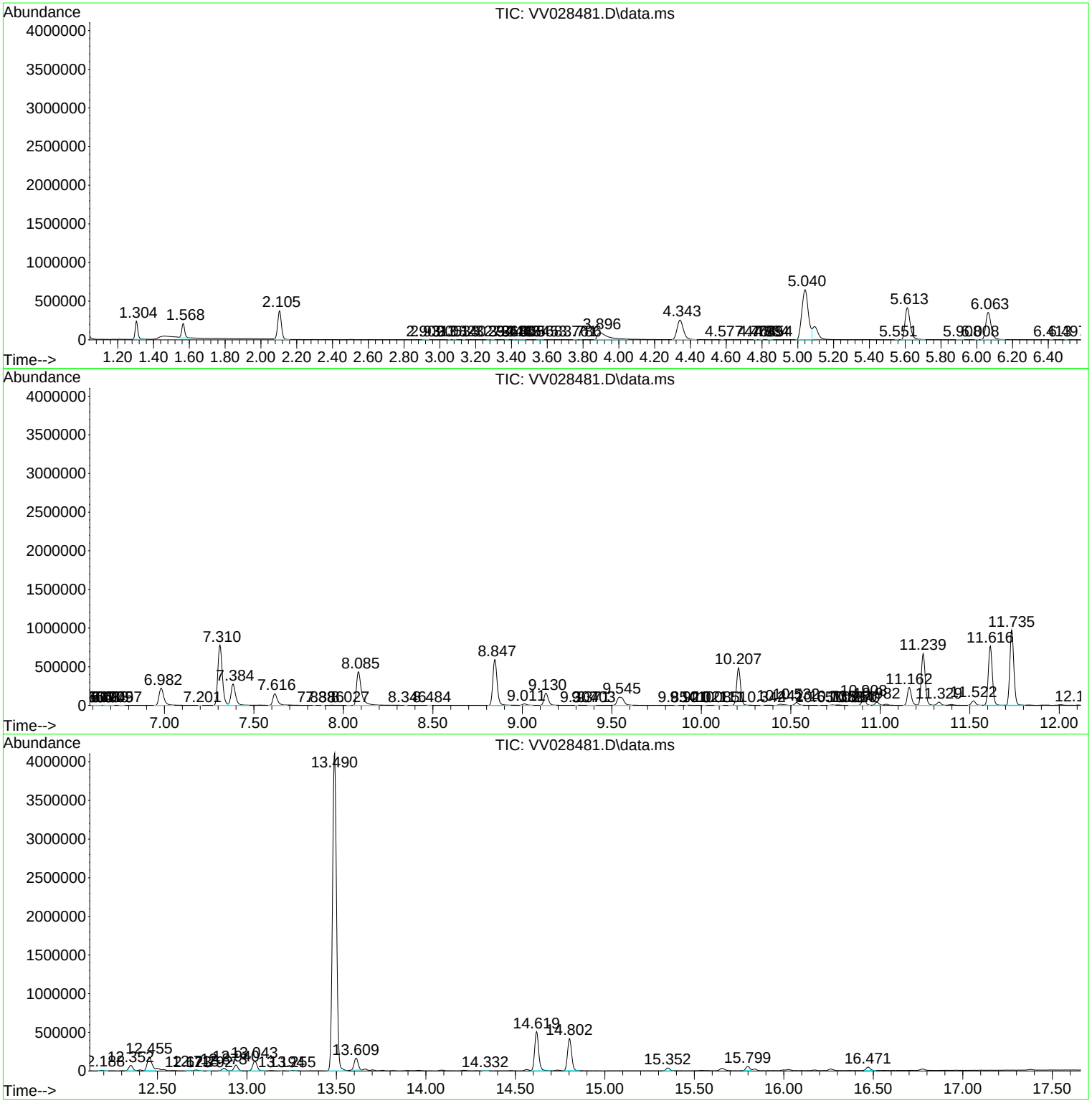
Sum of corrected areas: 24606235

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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 : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

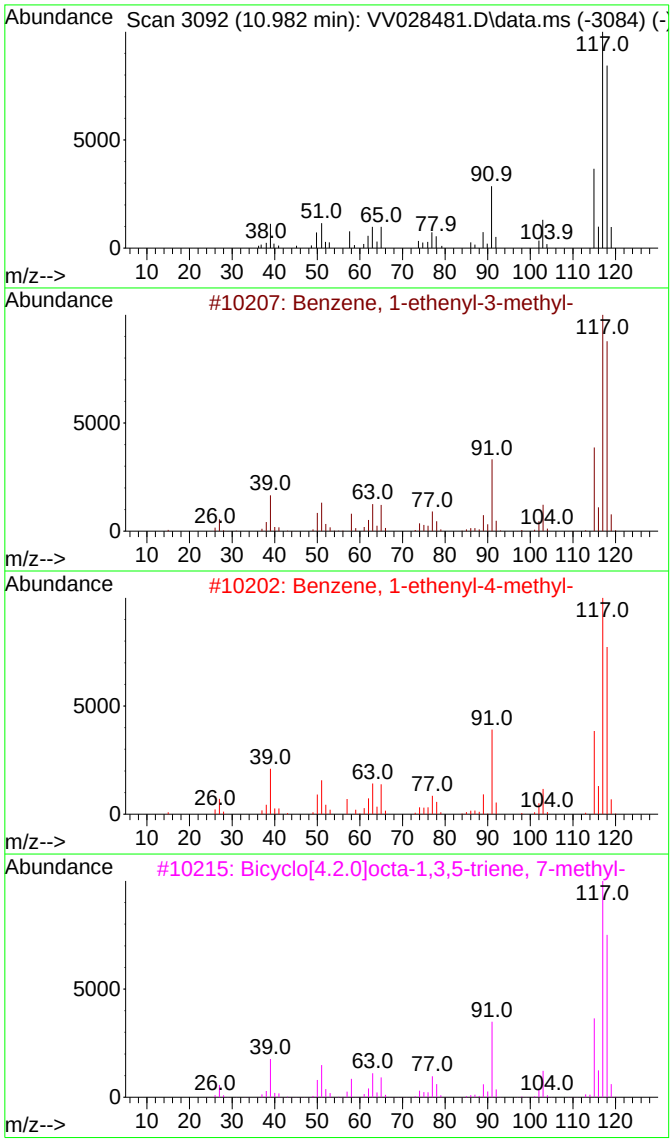
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

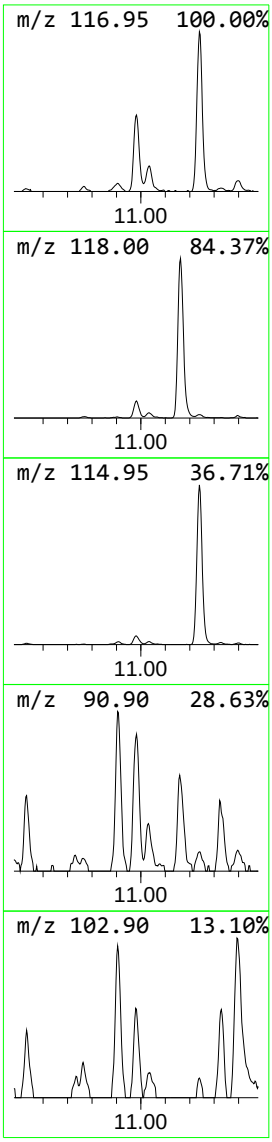
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.982	2.79 ug/L	58219	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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

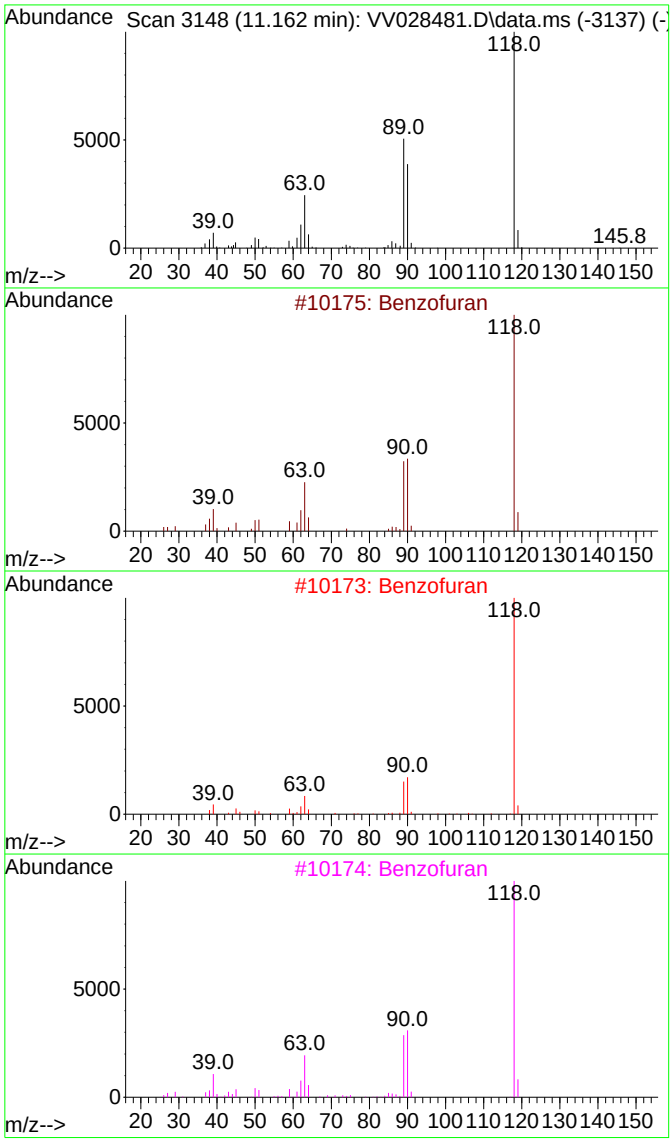
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

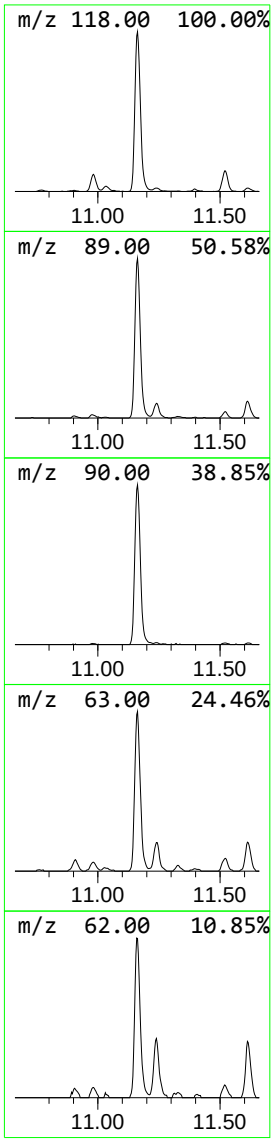
****

Peak Number 3 Benzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.162	17.75 ug/L	369801	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5	Benzofuran	118	C8H6O	000271-89-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

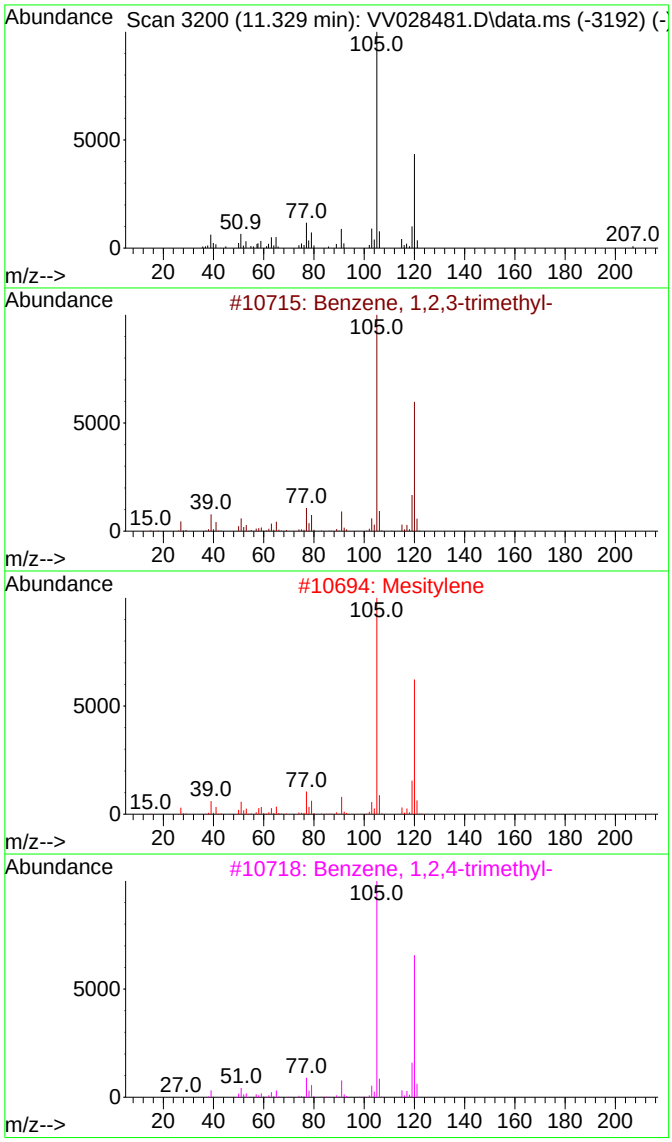
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

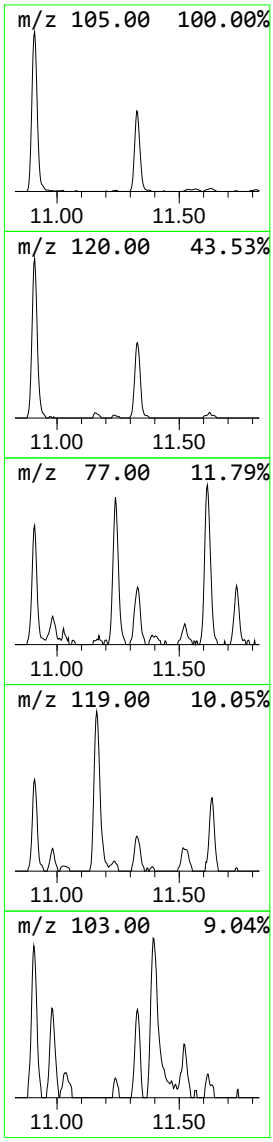
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.329	3.06 ug/L	63773	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	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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

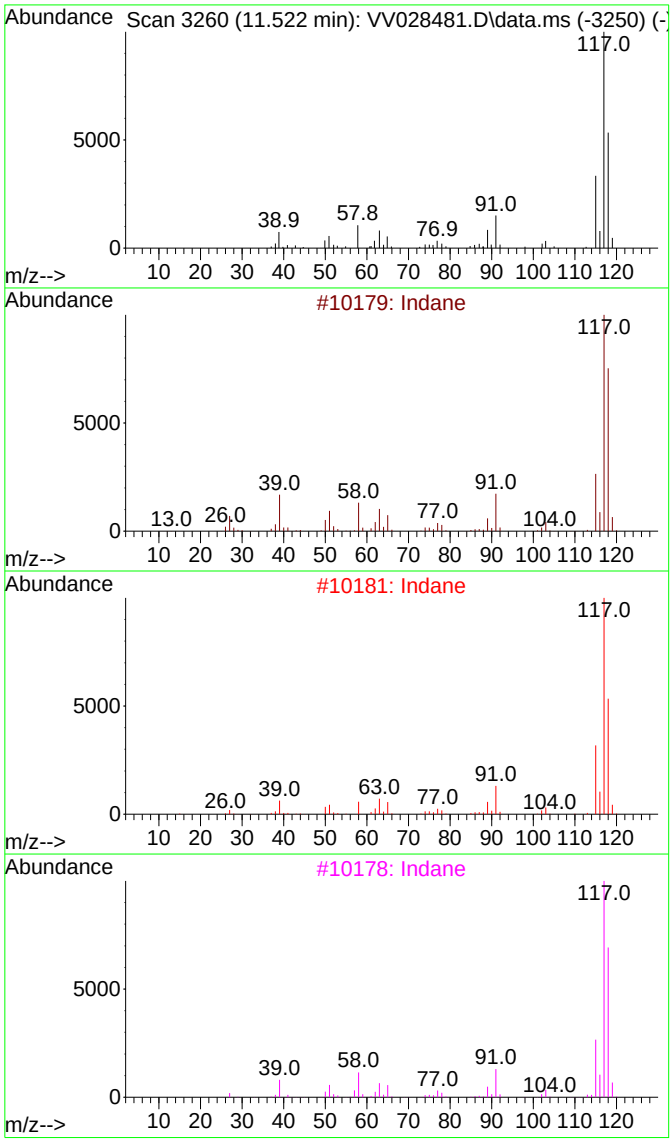
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

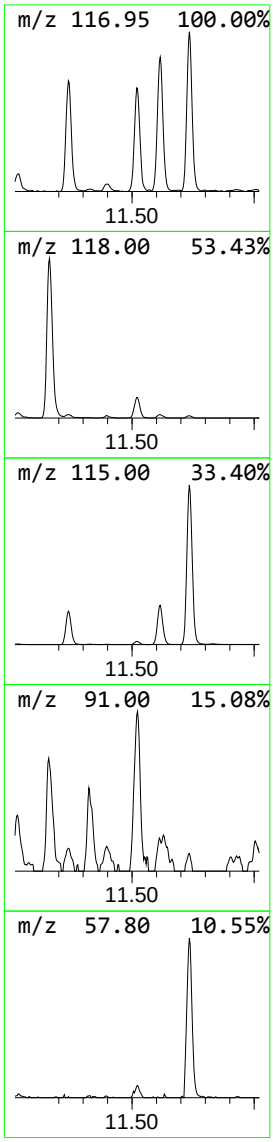
****

Peak Number 5 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.522	4.41 ug/L	91781	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	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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

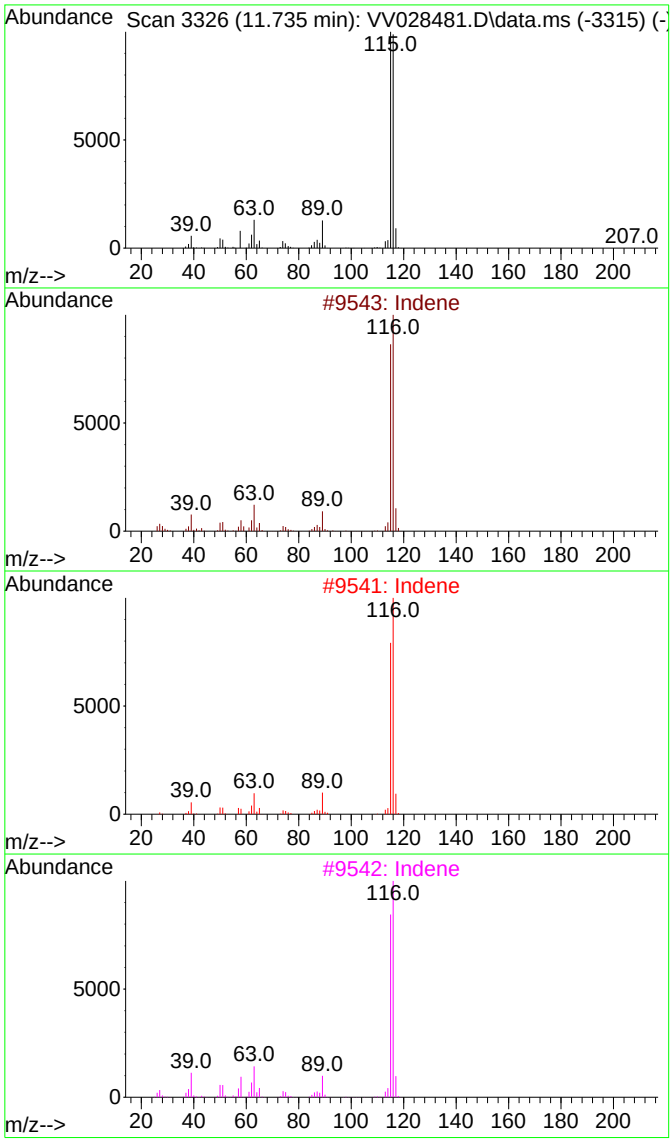
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

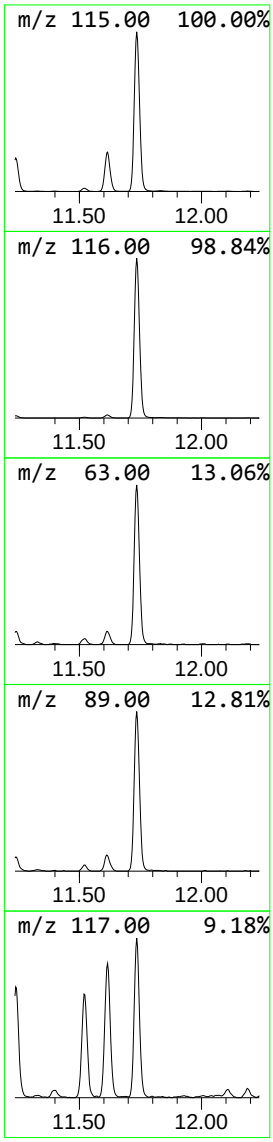
****

Peak Number 6 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.735	70.26 ug/L	1463890	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	97
3	Indene	116	C9H8	000095-13-6	96
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

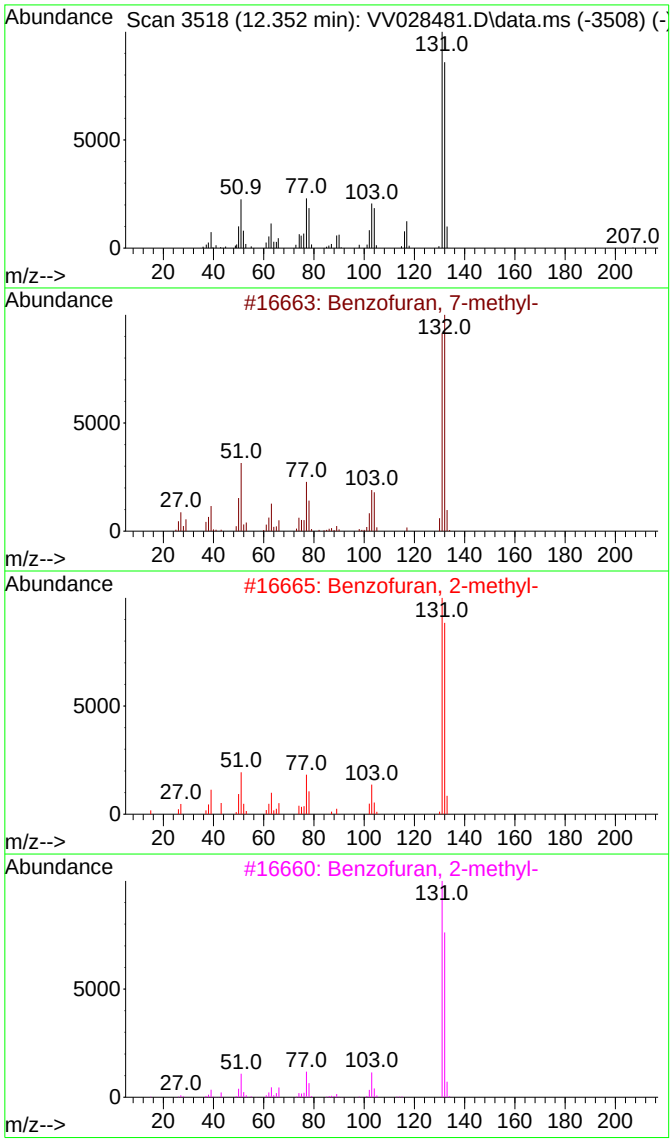
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

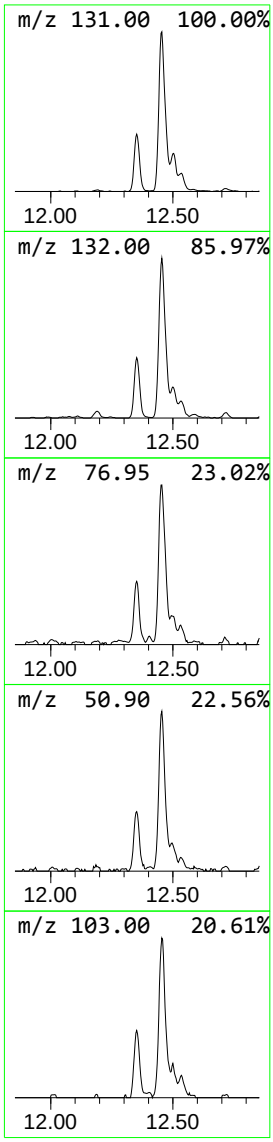
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	5.37 ug/L	111799	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

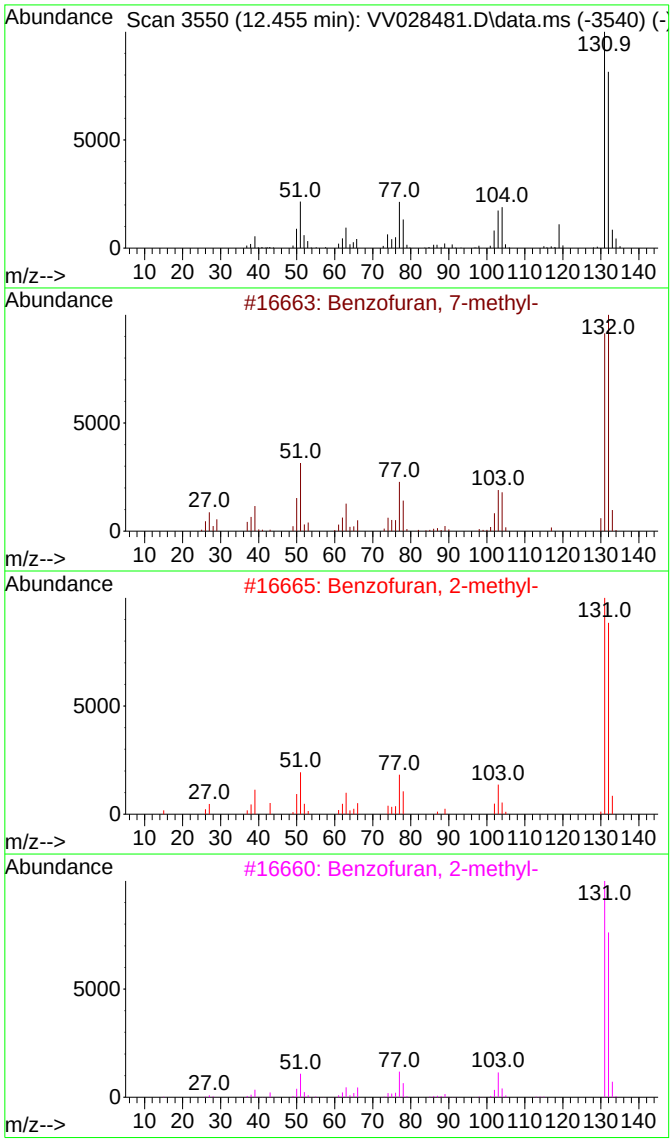
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

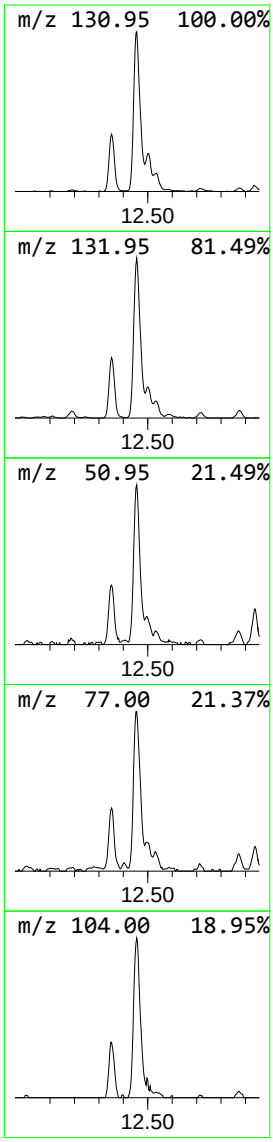
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.455	15.42 ug/L	321302	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

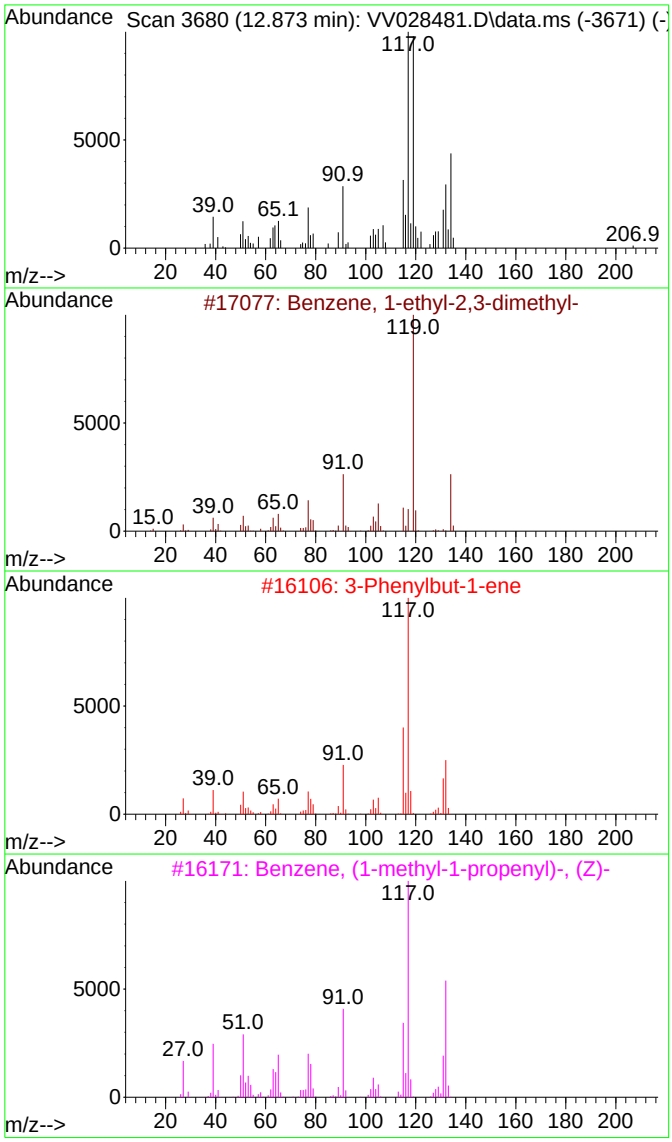
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

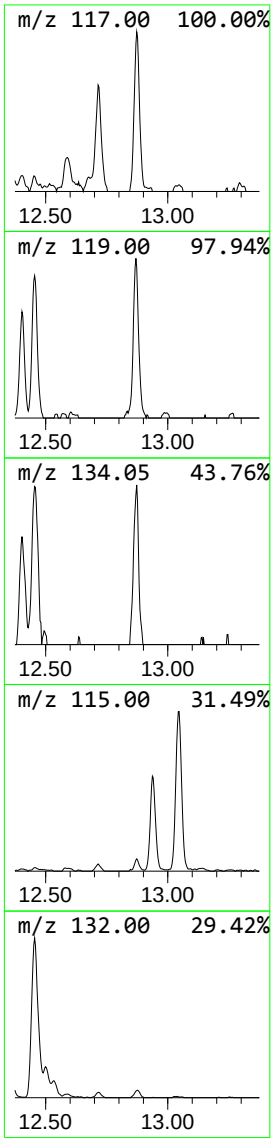
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	2.55 ug/L	53083	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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

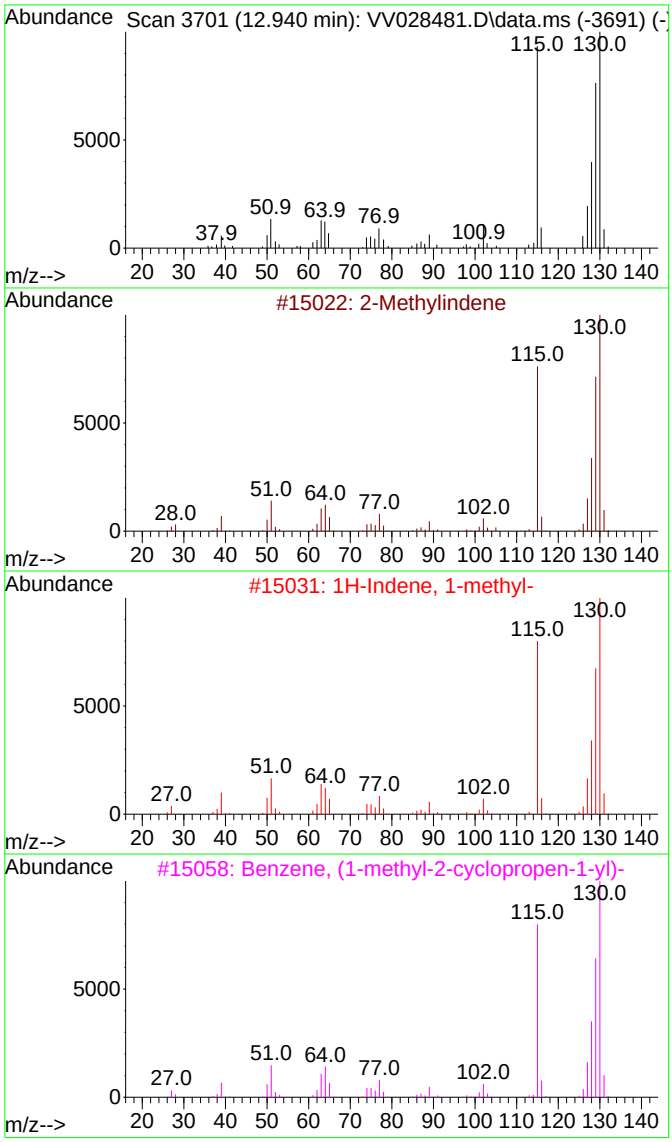
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

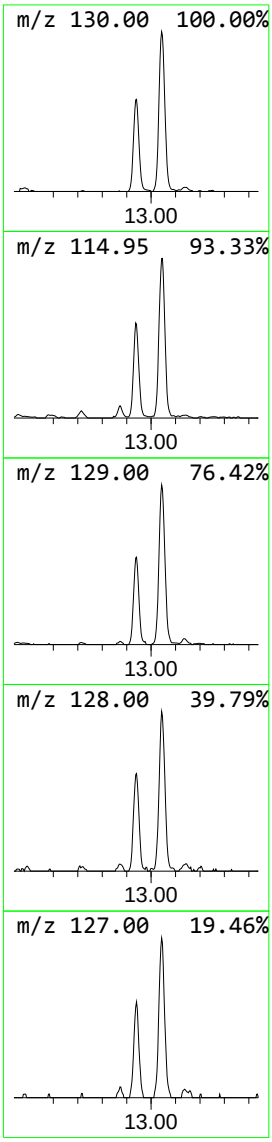
****

Peak Number 10 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	5.37 ug/L	111983	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	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

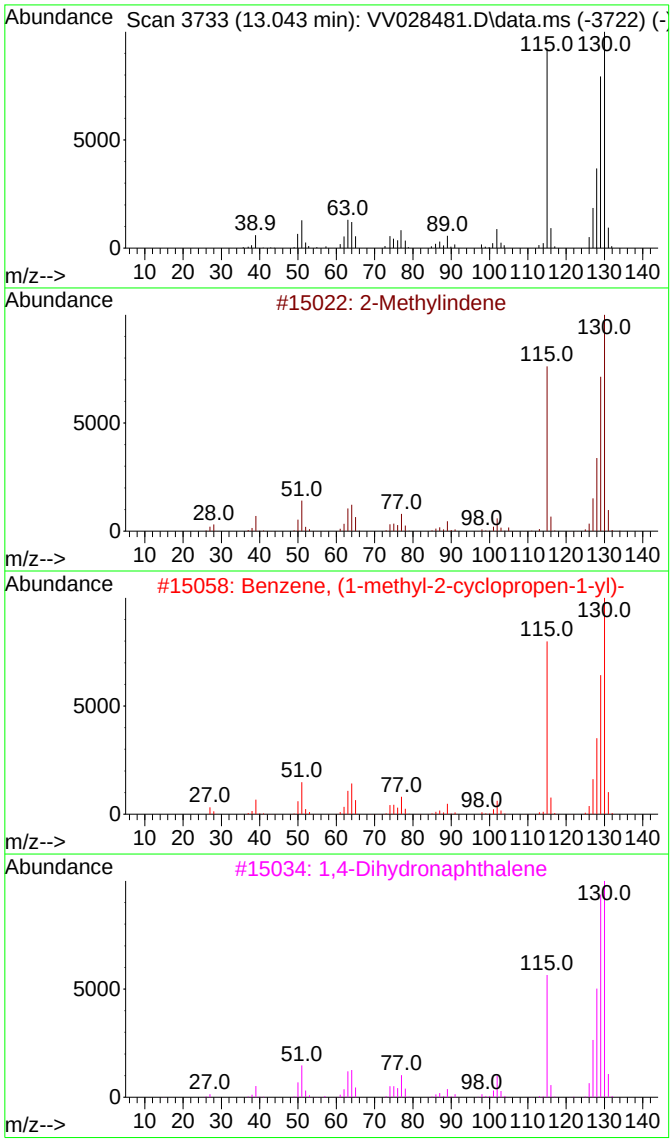
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

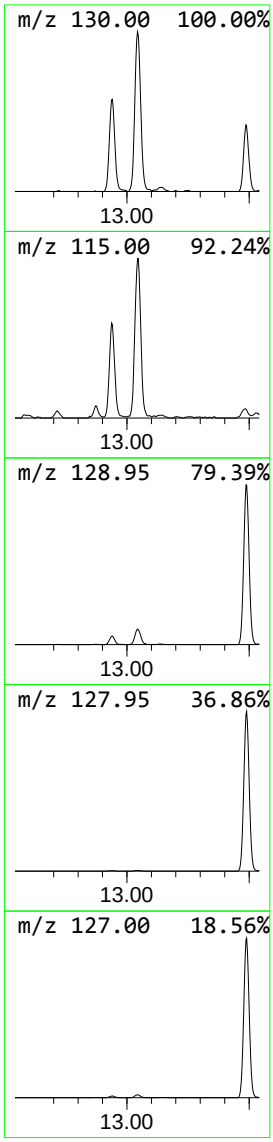
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	10.28 ug/L	214158	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-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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

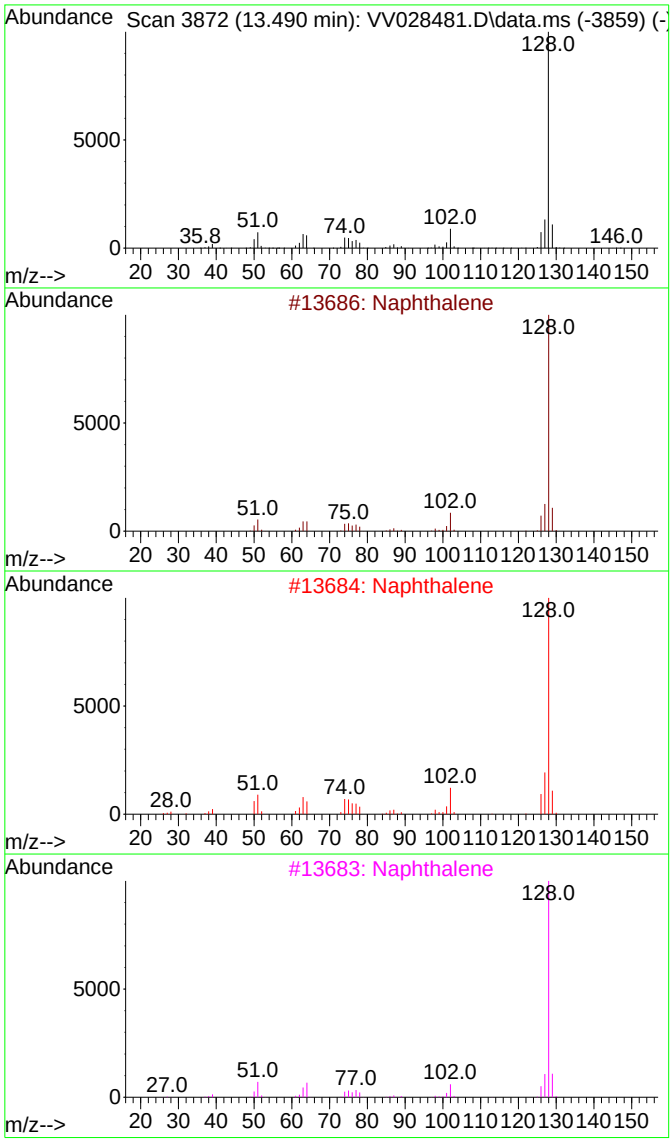
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

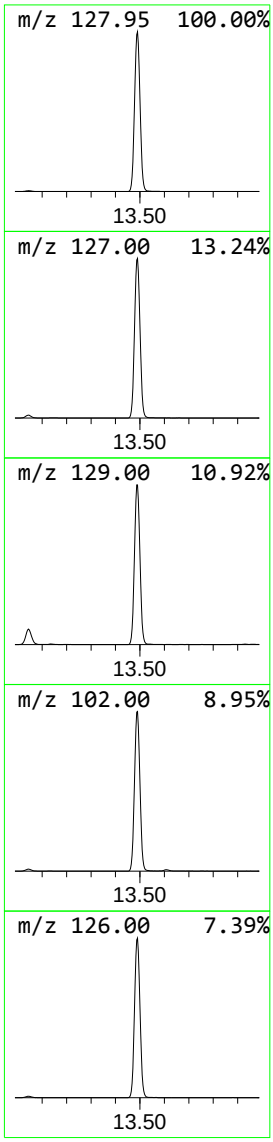
****

Peak Number 12 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.490	306.85 ug/L	6393210	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	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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

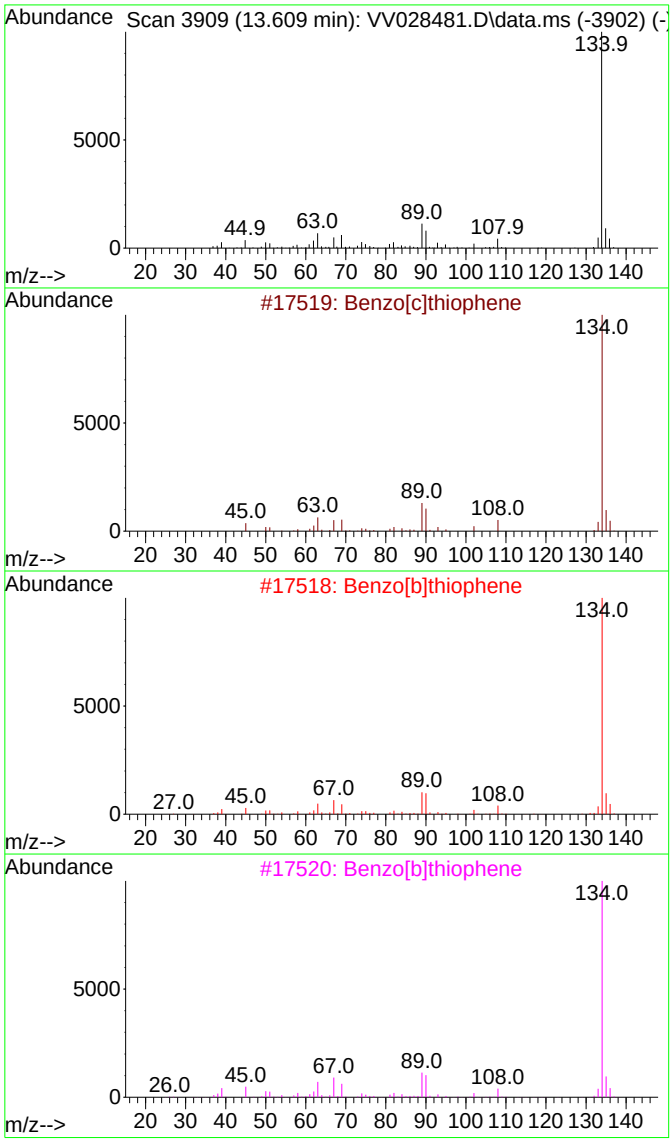
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

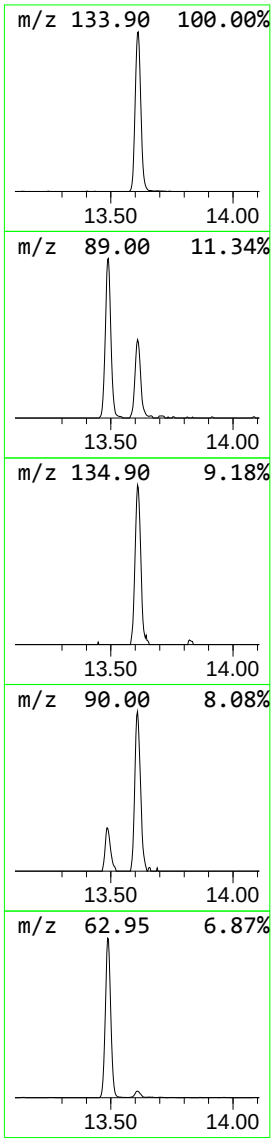
****

Peak Number 13 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	11.08 ug/L	230886	1,4-Dichlorobenzene-d4	11.239

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	91
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

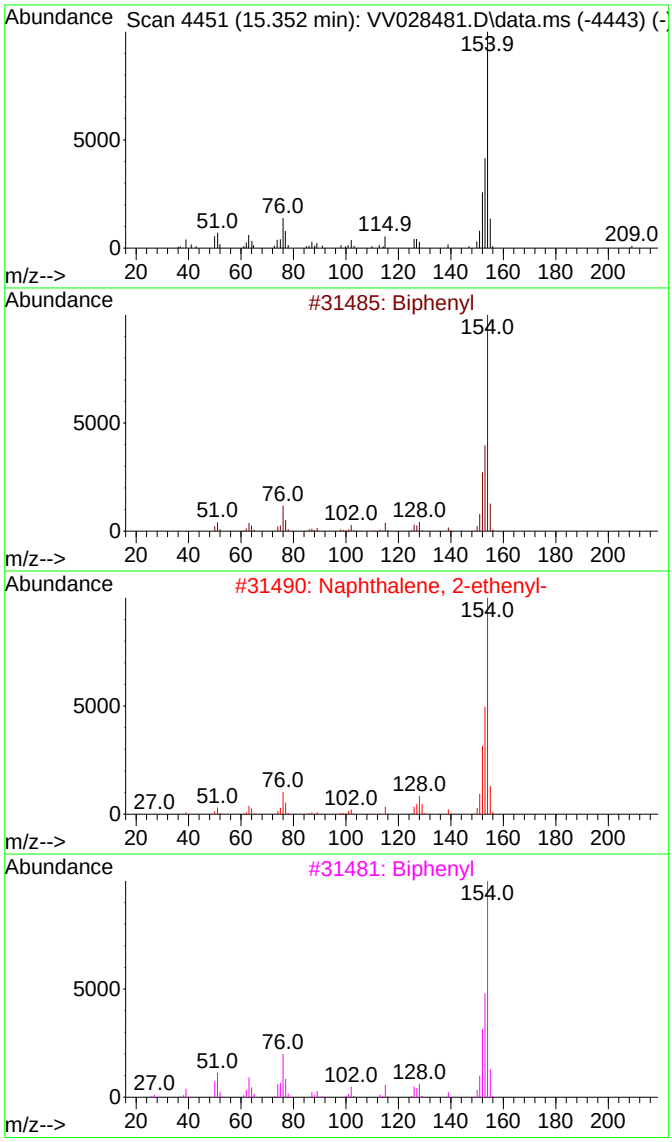
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

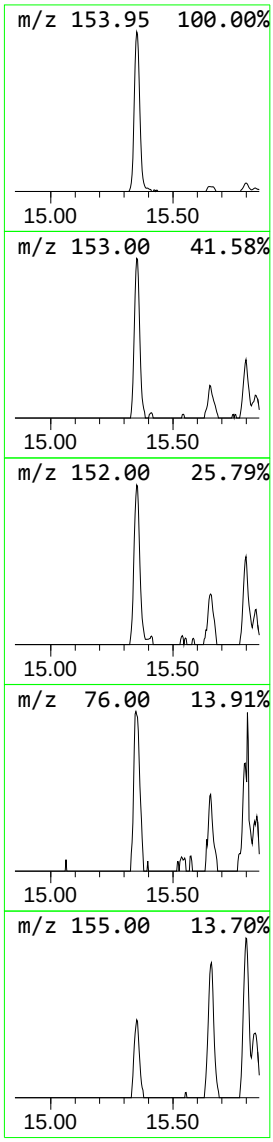
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.352	2.63 ug/L	54811	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	91
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
3	Biphenyl	154	C12H10	000092-52-4	91
4	Biphenyl	154	C12H10	000092-52-4	87
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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

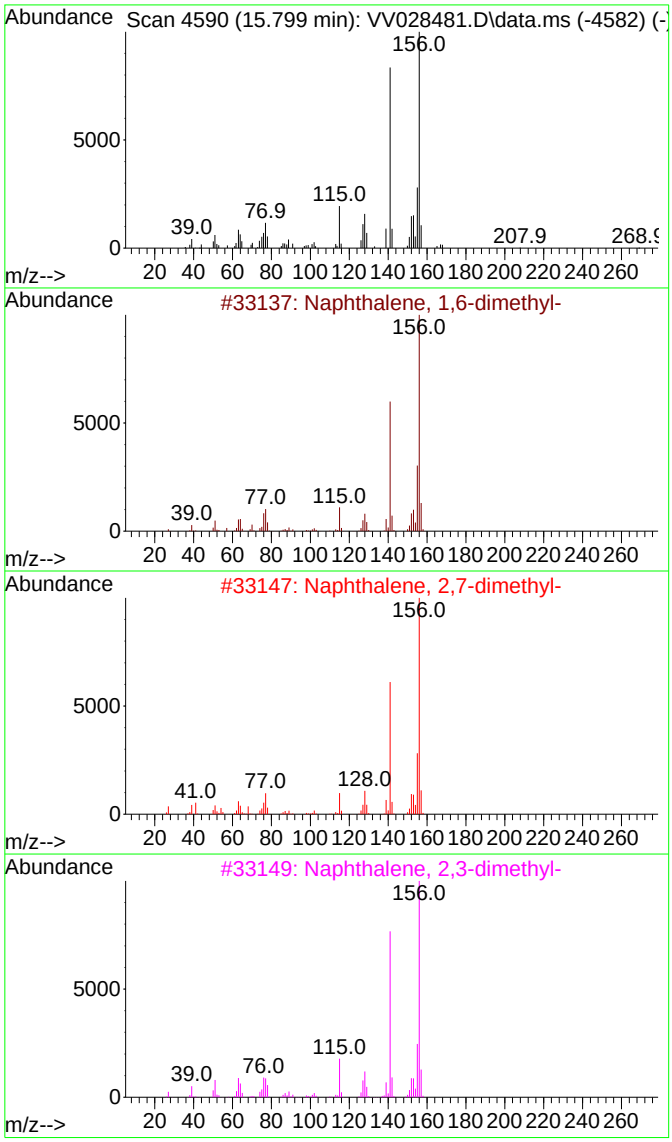
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

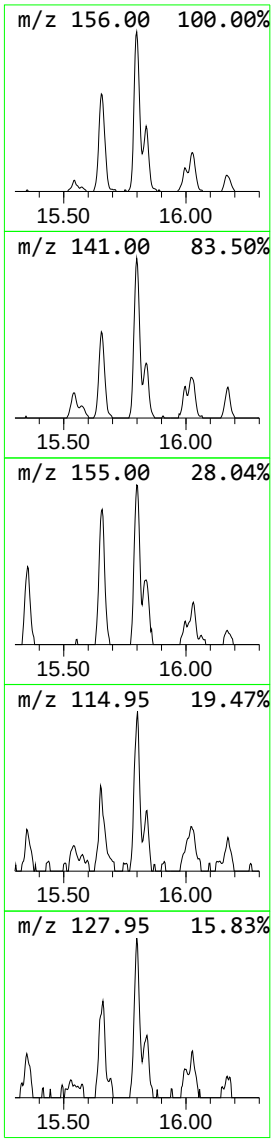
****

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.799	4.01 ug/L	83461	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

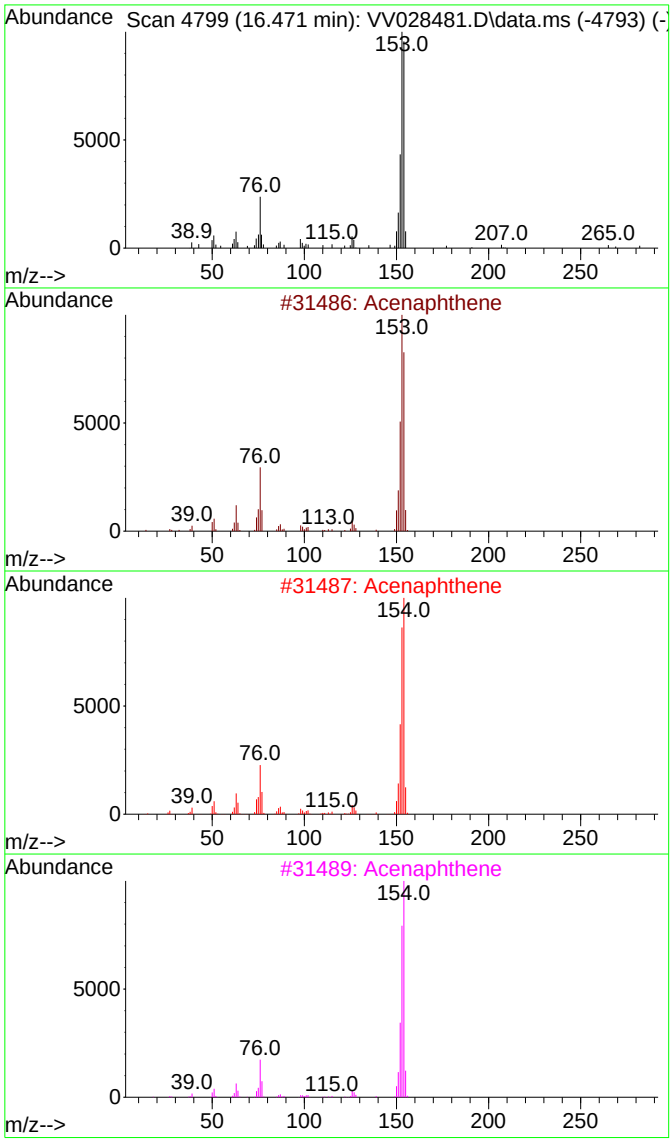
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

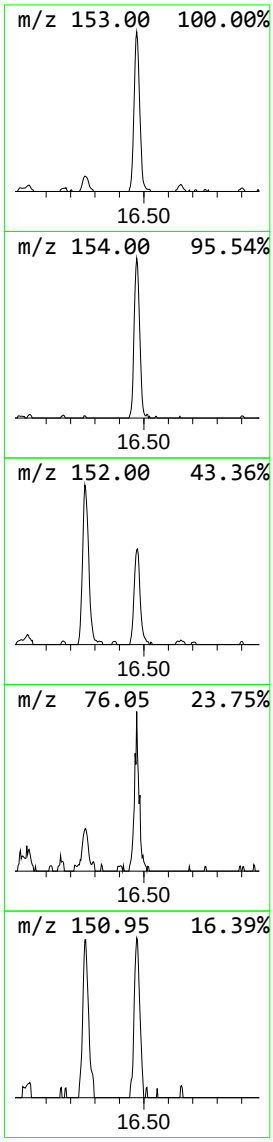
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.471	3.28 ug/L	68338	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Acenaphthene	154	C12H10	000083-32-9	74
3	Acenaphthene	154	C12H10	000083-32-9	74
4	Acenaphthene	154	C12H10	000083-32-9	72
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028481.D
Acq On : 09 Oct 2022 13:06
Operator : SY/MD
Sample : N4923-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10008DL

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, 1-ethe...	10.982	2.8	ug/L	58219	3	11.239	1041750	50.0
Benzofuran	11.162	17.8	ug/L	369801	3	11.239	1041750	50.0
Benzene, 1,2,3-...	11.329	3.1	ug/L	63773	3	11.239	1041750	50.0
Indane	11.522	4.4	ug/L	91781	3	11.239	1041750	50.0
Indene	11.735	70.3	ug/L	1463890	3	11.239	1041750	50.0
Benzofuran, 7-m...	12.352	5.4	ug/L	111799	3	11.239	1041750	50.0
Benzofuran, 2-m...	12.455	15.4	ug/L	321302	3	11.239	1041750	50.0
Benzene, 1-ethy...	12.873	2.5	ug/L	53083	3	11.239	1041750	50.0
2-Methylindene	12.940	5.4	ug/L	111983	3	11.239	1041750	50.0
Benzene, (1-met...	13.043	10.3	ug/L	214158	3	11.239	1041750	50.0
Azulene	13.490	306.9	ug/L	6393210	3	11.239	1041750	50.0
Benzo[c]thiophene	13.609	11.1	ug/L	230886	3	11.239	1041750	50.0
Naphthalene, 2-...	15.352	2.6	ug/L	54811	3	11.239	1041750	50.0
Naphthalene, 1,...	15.799	4.0	ug/L	83461	3	11.239	1041750	50.0
Hexa-2,4-diyn-1...	16.471	3.3	ug/L	68338	3	11.239	1041750	50.0