LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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: VV028479.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	75	82	102	rVB	249298	257801	15.44%	1.217%
2	1.461	115	131	156	rBV2	55696	309561	18.54%	1.461%
3	1.564	157	163	196	rVB	203335	286142	17.14%	1.350%
4	2.101	321	330	346	rVB	381039	553430	33.15%	2.612%
5	2.494	447	452	454	rBV4	1961	1754	0.11%	0.008%
6	2.568	471	475	478	rBV3	861	827	0.05%	0.004%
7	3.272	689	694	696	rBV3	936	712	0.04%	0.003%
8	3.368	722	724	728	rBV2	675	698	0.04%	0.003%
9	3.754	839	844	848	rBV5	960	1096	0.07%	0.005%
10	3.895	877	888	933	rBV	78482	370886	22.22%	1.750%
11	4.339	1008	1026	1054	rBV	255402	642828	38.51%	3.034%
12	4.612	1109	1111	1120	rVB5	947	1271	0.08%	0.006%
13	4.674	1120	1130	1132	rBV7	1237	1827	0.11%	0.009%
14	4.828	1174	1178	1183	rVB5	1004	876	0.05%	0.004%
15	4.866	1185	1190	1195	rBV5	653	911	0.05%	0.004%
16	4.918	1199	1206	1210	rBV3	936	1180	0.07%	0.006%
17	5.037	1220	1243	1252	rBV2	664540	1669454	100.00%	7.879%
18	5.291	1318	1322	1326	rBV7	942	987	0.06%	0.005%
19	5.365	1335	1345	1360	rBV2	7965	19048	1.14%	0.090%
20	5.609	1409	1421	1445	rBV	459573	925892	55.46%	4.370%
21	5.918	1503	1517	1521	rVV10	1893	3630	0.22%	0.017%
22	6.059	1547	1561	1588	rBV	361807	746894	44.74%	3.525%
23	6.802	1787	1792	1799	rBV4	936	1128	0.07%	0.005%
24	6.905	1819	1824	1829	rBV4	932	1058	0.06%	0.005%
25	6.979	1833	1847	1877	rBV	223067	419402	25.12%	1.979%
26	7.114	1887	1889	1893	rBV4	882	742	0.04%	0.004%
27	7.207	1912	1918	1922	rVB7	689	833	0.05%	0.004%
28	7.243	1922	1929	1933	rBV4	873	993	0.06%	0.005%
29	7.307	1937	1949	1965	rBV	794190	1370589	82.10%	6.469%
30	7.384	1965	1973	1990	rVB	71927	137038	8.21%	0.647%
31	7.535	2018	2020	2030	rVB6	1437	1328	0.08%	0.006%
32	7.616	2034	2045	2063	rBV	153215	269203	16.13%	1.271%
33	7.934	2134	2144	2153	rVB3	3946	7037	0.42%	0.033%
34	8.082	2180	2190	2222	rBV	425675	805999	48.28%	3.804%
35	8.564	2337	2340	2344	rBV4	1229	878	0.05%	0.004%
36	8.844	2415	2427	2451	rBV	663469	1088786	65.22%	5.139%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
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Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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	9.005	2466	2477	2499	rBV	371581	582493	34.89%	2.749%
38	9.130	2506	2516	2541	rVB	123946	213144	12.77%	1.006%
39	9.310	2562	2572	2582	rBV	3958	7604	0.46%	0.036%
40	9.503	2622	2632	2633	rBV6	2003	2642	0.16%	0.012%
41	9.538	2633	2643	2661	rVB	100108	162263	9.72%	0.766%
42	9.767	2706	2714	2718	rBV8	1458	1901	0.11%	0.009%
43	9.924	2752	2763	2776	rVV	49245	77986	4.67%	0.368%
44	10.111	2816	2821	2823	rBV4	1077	967	0.06%	0.005%
45	10.207	2838	2851	2867	rBV	470763	736564	44.12%	3.476%
46	10.345	2886	2894	2913	rVB	33858	59520	3.57%	0.281%
47	10.442	2913	2924	2943	rBV	35555	92058	5.51%	0.434%
48	10.532	2943	2952	2963	rVV3	30836	45914	2.75%	0.217%
49	10.657	2985	2991	2994	rVV4	1021	1052	0.06%	0.005%
50	10.731	3003	3014	3032	rBV	44825	80306	4.81%	0.379%
51	10.821	3039	3042	3044	rBV3	894	687	0.04%	0.003%
52	10.905	3055	3068	3086	rBV	88450	139649	8.36%	0.659%
53	10.995	3086	3096	3104	rVB10	2866	5177	0.31%	0.024%
54	11.033	3104	3108	3110	rBV2	1127	847	0.05%	0.004%
55	11.075	3116	3121	3123	rBV5	1317	1108	0.07%	0.005%
56	11.162	3137	3148	3161	rVV	121331	202461	12.13%	0.956%
57	11.239	3161	3172	3190	rVV	750089	1158169	69.37%	5.466%
58	11.326	3190	3199	3212	rVV	92342	144498	8.66%	0.682%
59	11.390	3216	3219	3230	rVB10	1558	2346	0.14%	0.011%
60	11.516	3246	3258	3277	rBV	746316	1159109	69.43%	5.470%
61	11.615	3278	3289	3307	rVB	768814	1231289	73.75%	5.811%
62	11.734	3315	3326	3343	rBV	516541	804333	48.18%	3.796%
63	11.905	3371	3379	3385	rBV3	9413	16109	0.96%	0.076%
64	12.008	3400	3411	3431	rVB	27399	47075	2.82%	0.222%
65	12.104	3431	3441	3452	rBV	57828	94144	5.64%	0.444%
66	12.246	3474	3485	3486	rBV5	5772	6016	0.36%	0.028%
67	12.303	3494	3503	3508	rBV3	8478	13291	0.80%	0.063%
68	12.352	3508	3518	3527	rBV	159226	238938	14.31%	1.128%
69	12.403	3528	3534	3540	rVB2	33585	40240	2.41%	0.190%
70	12.451	3540	3549	3563	rBV2	197045	389825	23.35%	1.840%
71	12.635	3599	3606	3615	rVB3	6135	8310	0.50%	0.039%
72	12.715	3621	3631	3649	rVB	116527	174240	10.44%	0.822%
73	12.792	3649	3655	3661	rVB6	2174	2368	0.14%	0.011%
74	12.873	3663	3680	3690	rBV2	121934	191152	11.45%	0.902%
75	12.937	3691	3700	3715	rVB	76343	121171	7.26%	0.572%
76	13.043	3722	3733	3749	rVB2	79940	138245	8.28%	0.652%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
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Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Title : VOC Analysis

77	13.136	3754	3762	3764	rBV5	2483	2692	0.16%	0.013%
78	13.207	3775	3784	3792	rVB3	13594	21467	1.29%	0.101%
79	13.258	3792	3800	3806	rBV4	14097	19612	1.17%	0.093%
80	13.355	3826	3830	3837	rVB2	7771	8682	0.52%	0.041%
81	13.490	3858	3872	3894	rBV	660701	1117271	66.92%	5.273%
82	13.609	3896	3909	3919	rBV	216465	353357	21.17%	1.668%
83	13.702	3932	3938	3949	rVB3	23241	34750	2.08%	0.164%
84	13.757	3949	3955	3965	rVB5	12378	18237	1.09%	0.086%
85	13.811	3965	3972	3983	rVB8	7001	11917	0.71%	0.056%
86	13.898	3990	3999	4006	rBV2	11049	19630	1.18%	0.093%
87	14.088	4047	4058	4067	rBV5	21555	45408	2.72%	0.214%
88	14.213	4083	4097	4108	rBV4	13790	30494	1.83%	0.144%
89	14.278	4111	4117	4128	rVB2	17543	27005	1.62%	0.127%
90	14.390	4148	4152	4156	rBV4	1874	1941	0.12%	0.009%
91	14.564	4196	4206	4215	rBV	43783	72824	4.36%	0.344%
92	14.622	4215	4224	4232	rVV3	19191	31290	1.87%	0.148%
93	14.737	4254	4260	4267	rBV6	6104	8347	0.50%	0.039%
94	14.802	4269	4280	4297	rBV	470885	758045	45.41%	3.578%
95	15.352	4442	4451	4462	rVB2	40764	65182	3.90%	0.308%
96	15.577	4516	4521	4525	rVB5	4712	4562	0.27%	0.022%
97	15.654	4537	4545	4566	rVB2	36113	71436	4.28%	0.337%
98	15.798	4581	4590	4599	rBV2	51635	79400	4.76%	0.375%
99	16.171	4700	4706	4713	rVB6	7546	8682	0.52%	0.041%
100	16.470	4790	4799	4810	rBV	52973	78326	4.69%	0.370%

Sum of corrected areas: 21188487

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
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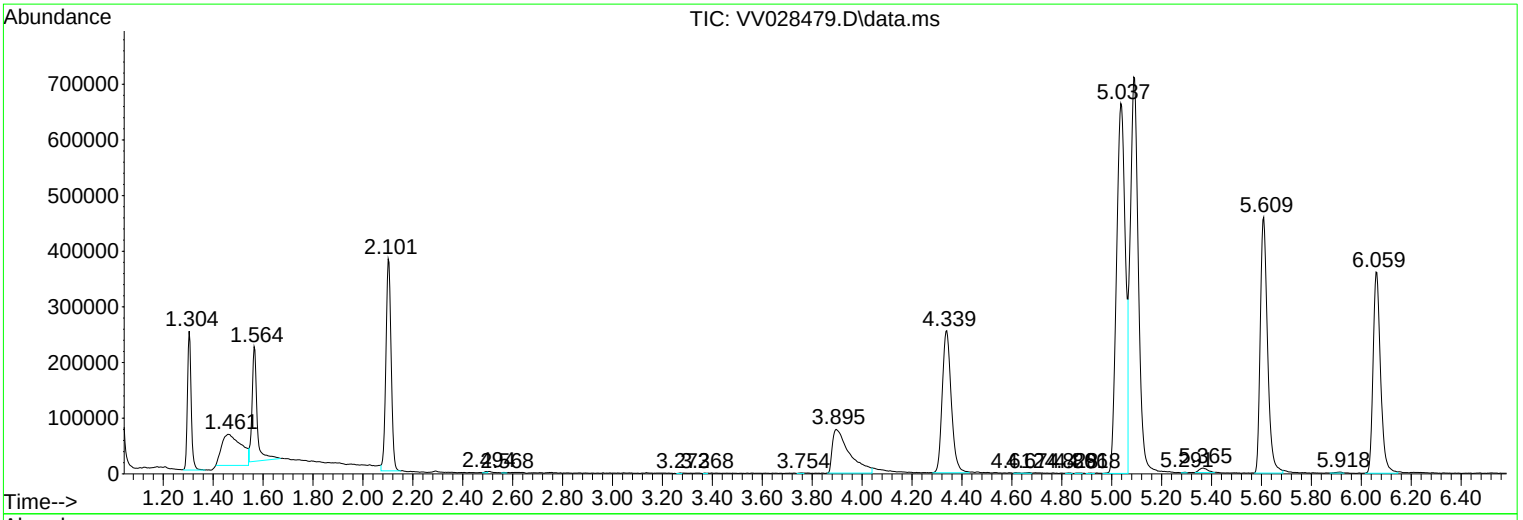
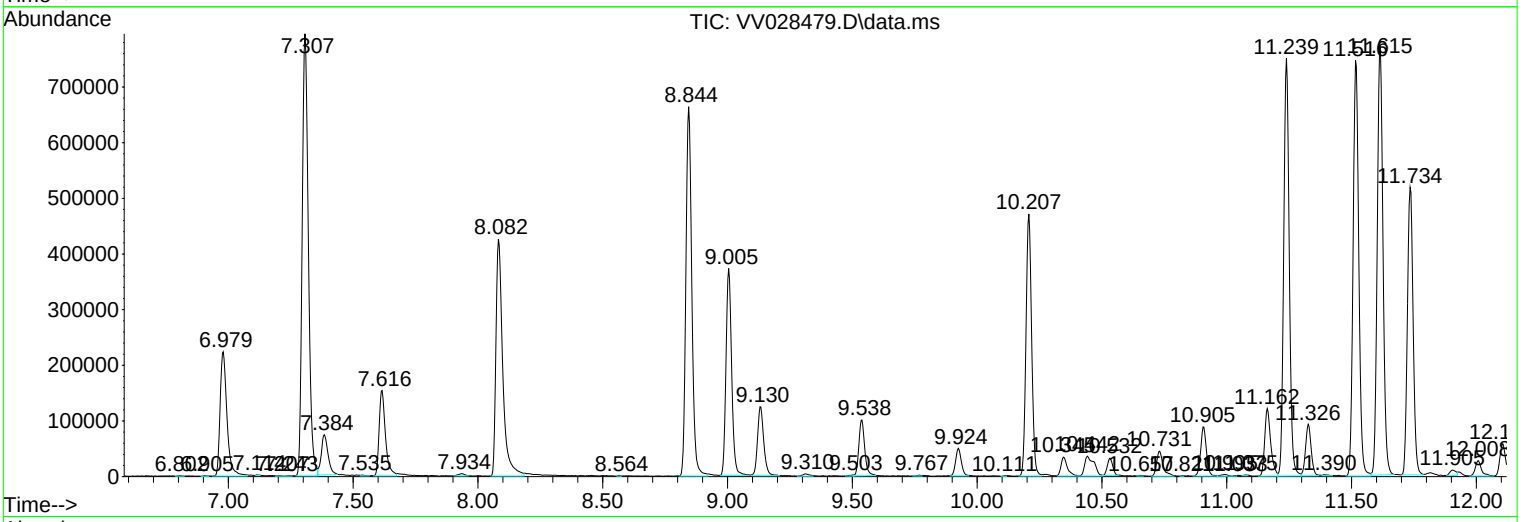
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

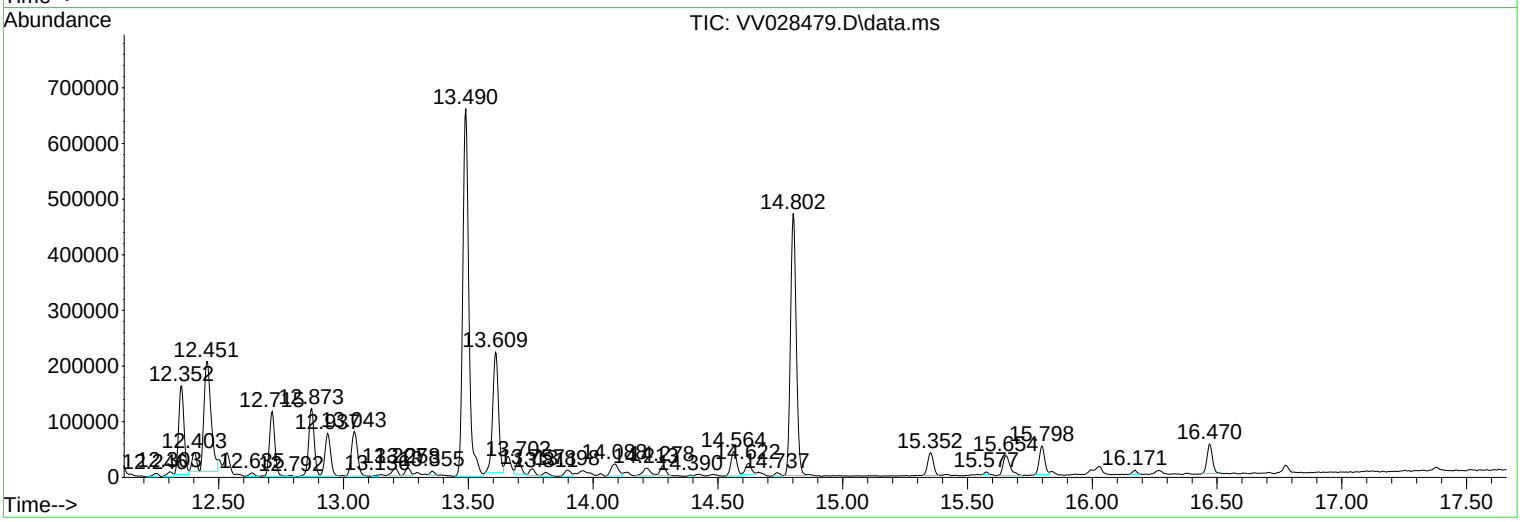
Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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







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Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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

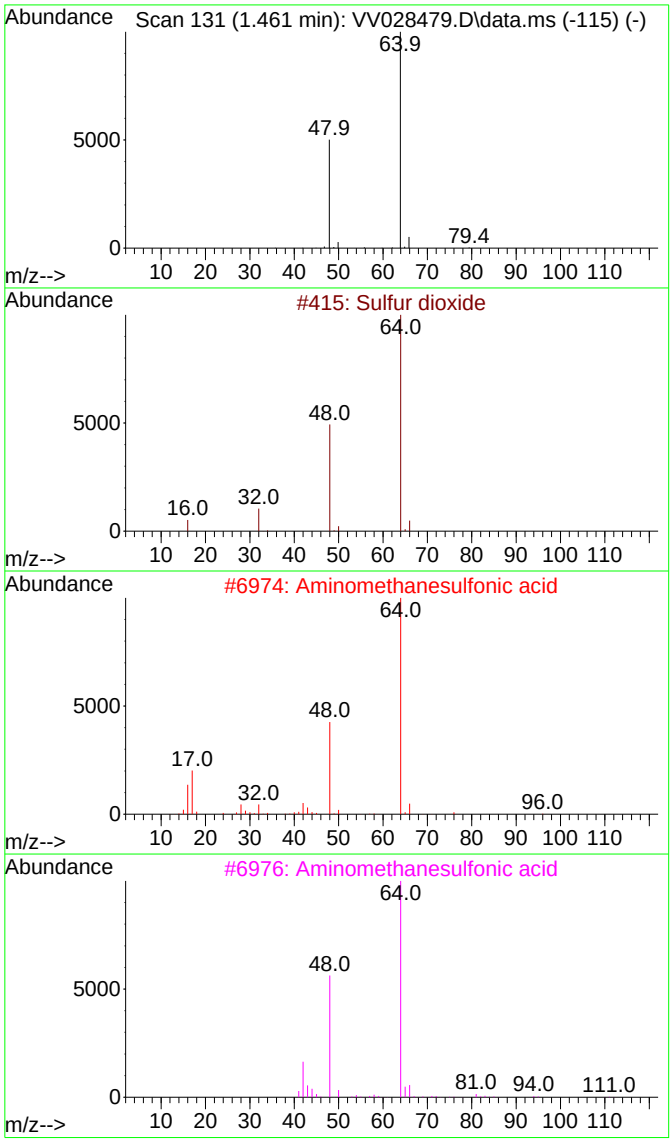
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

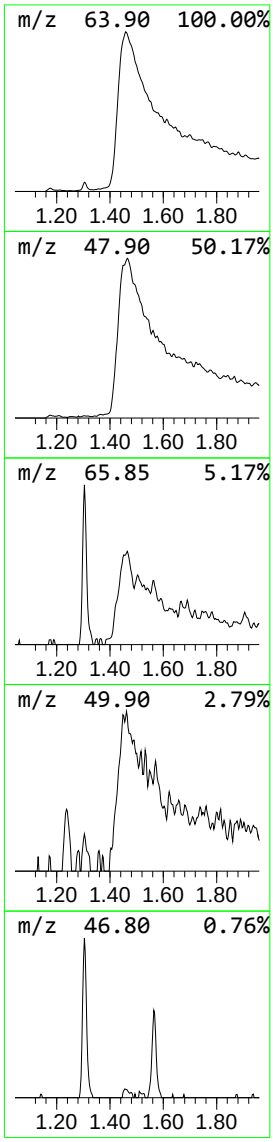
****

Peak Number 1 Sulfur dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.461	16.72 ug/L	309561	1,4-Difluorobenzene	5.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
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Acq On : 09 Oct 2022 12:18
Operator : SY/MD
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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

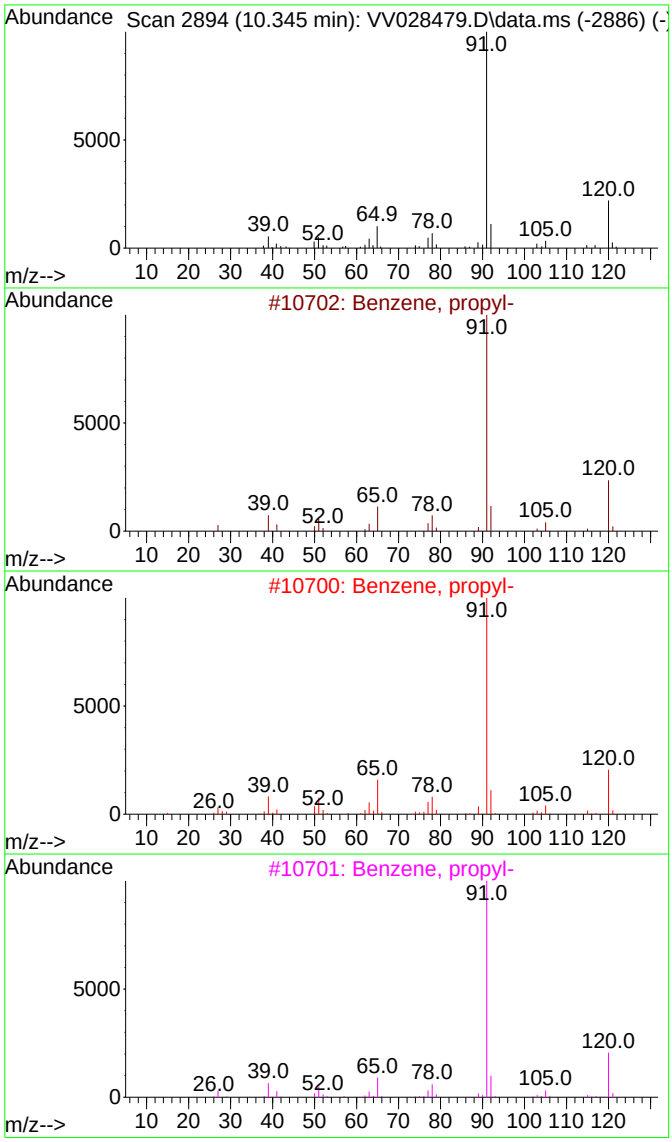
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

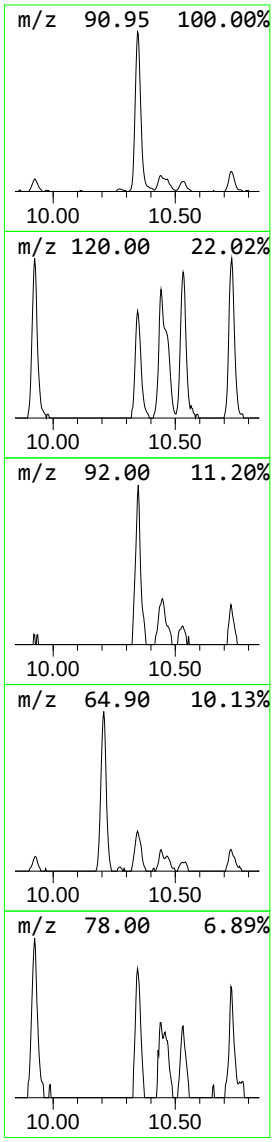
****

Peak Number 3 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	2.57 ug/L	59520	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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	86
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
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Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

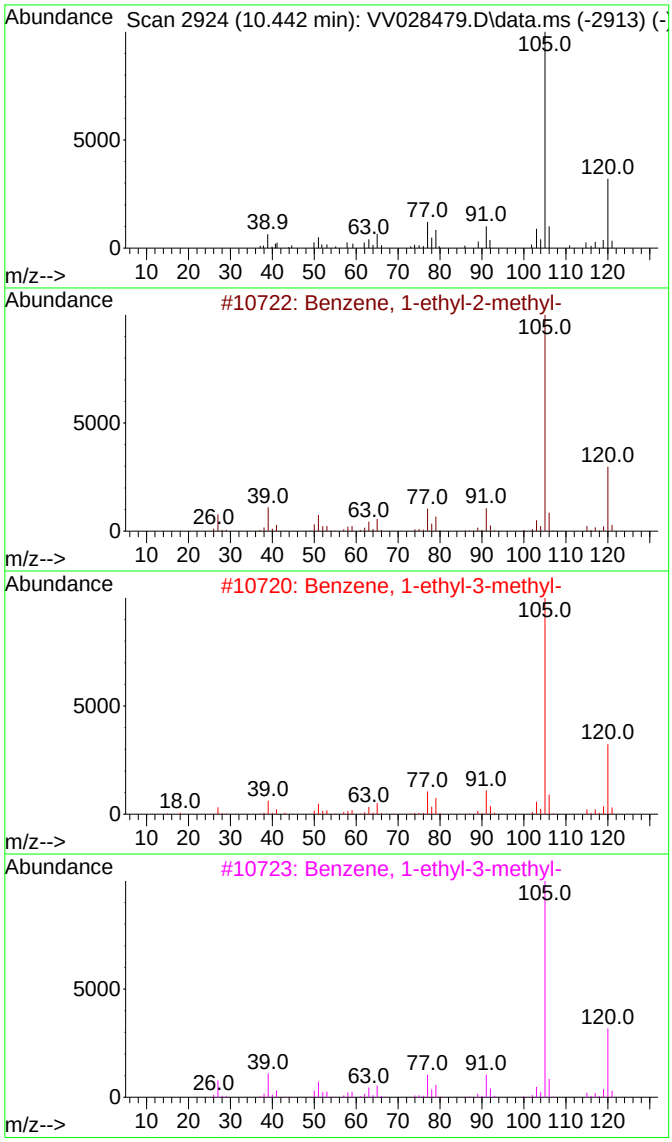
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

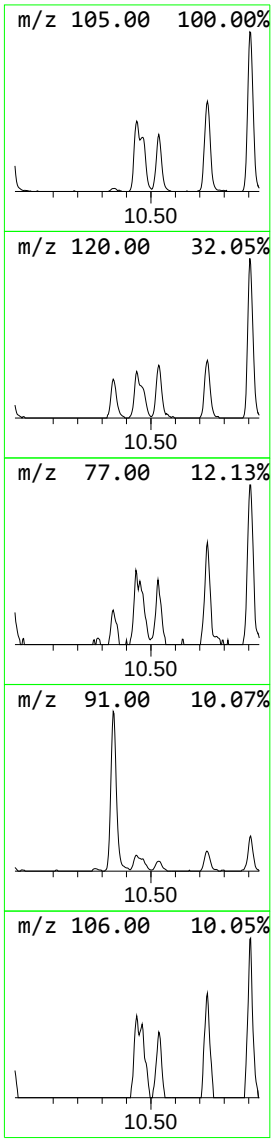
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.442	3.97 ug/L	92058	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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

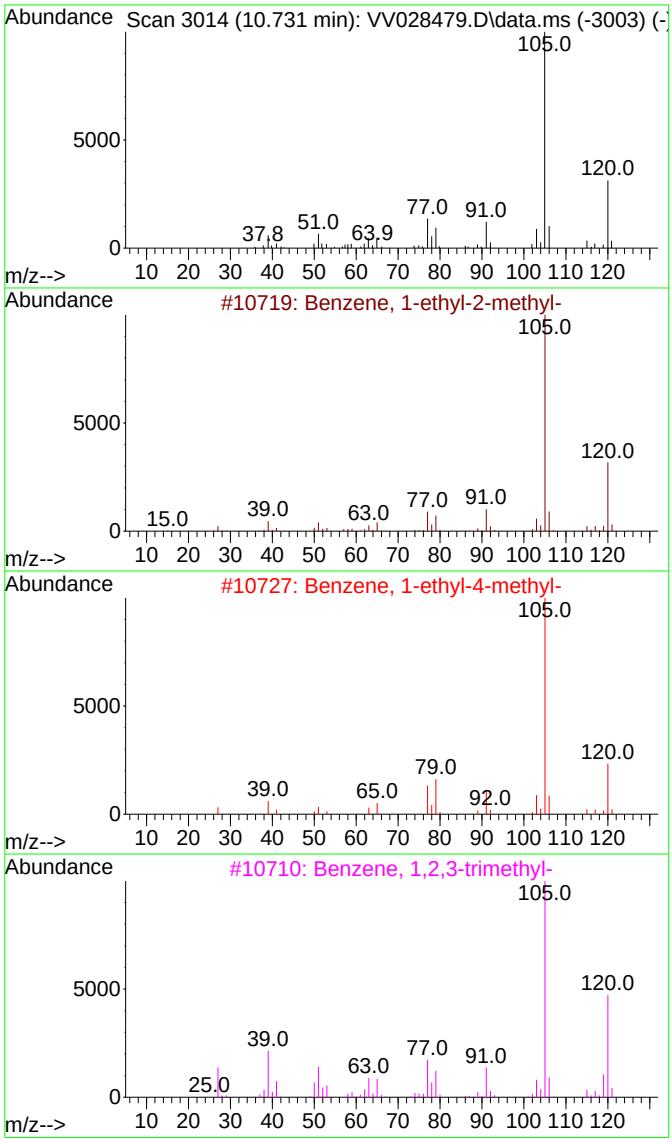
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

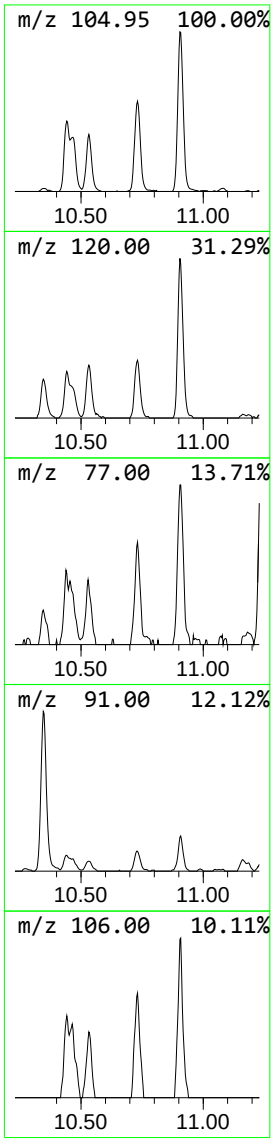
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.731	3.47 ug/L	80306	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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

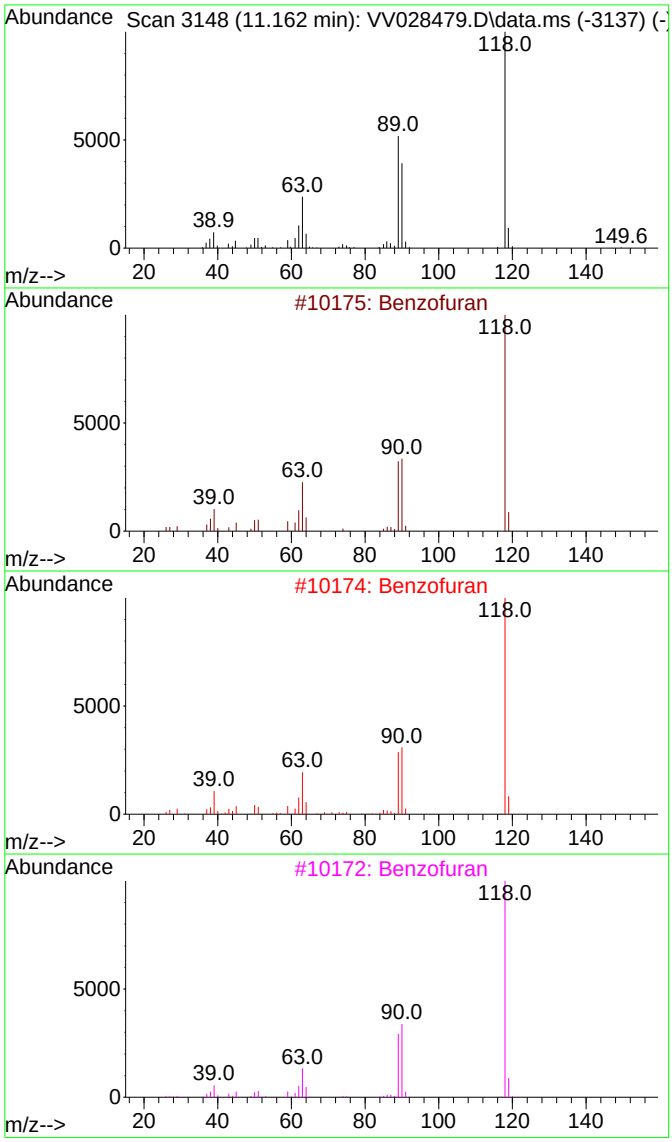
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

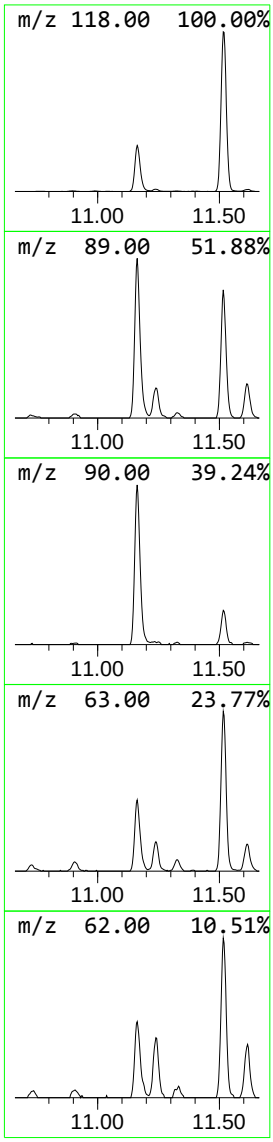
****

Peak Number 6 Benzofuran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.162	8.74 ug/L	202461	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	95
2	Benzofuran	118	C8H6O	000271-89-6	94
3	Benzofuran	118	C8H6O	000271-89-6	93
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

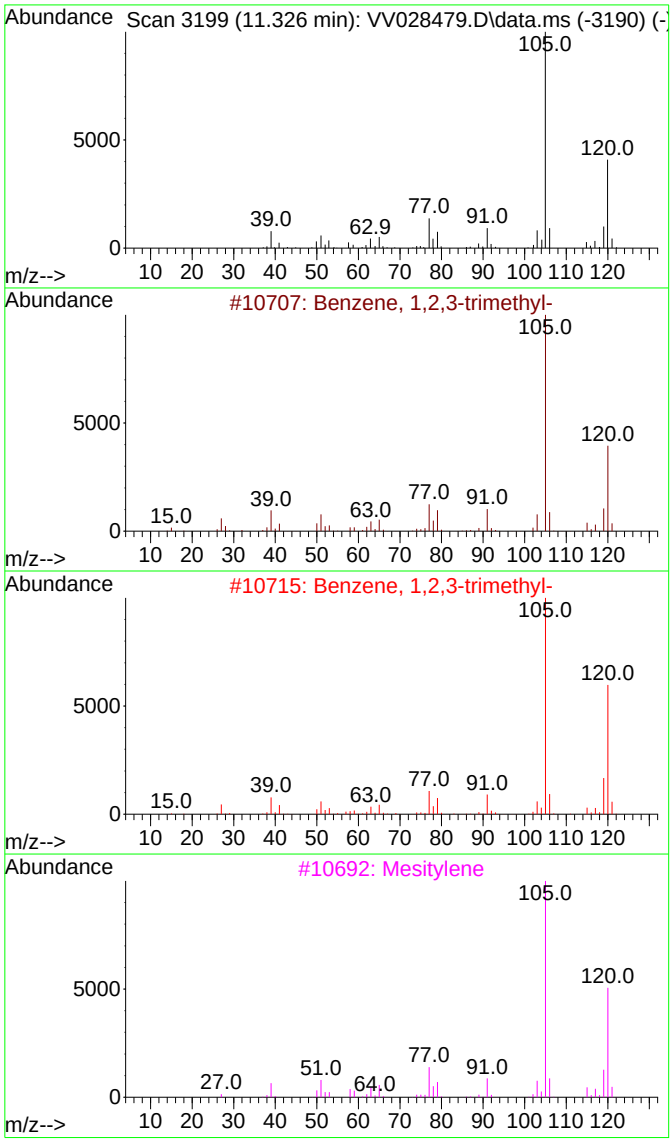
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

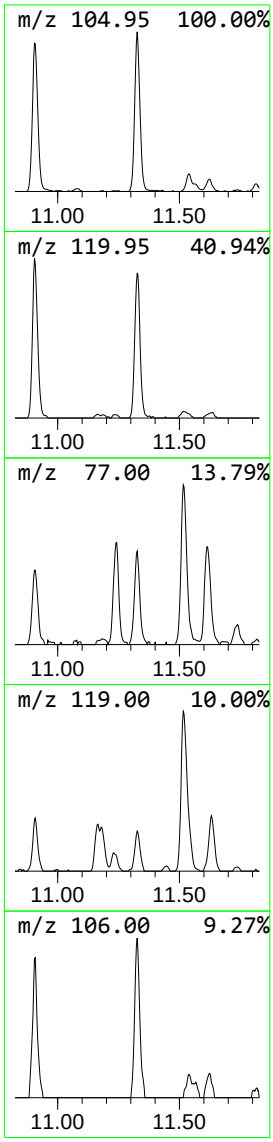
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	6.24 ug/L	144498	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

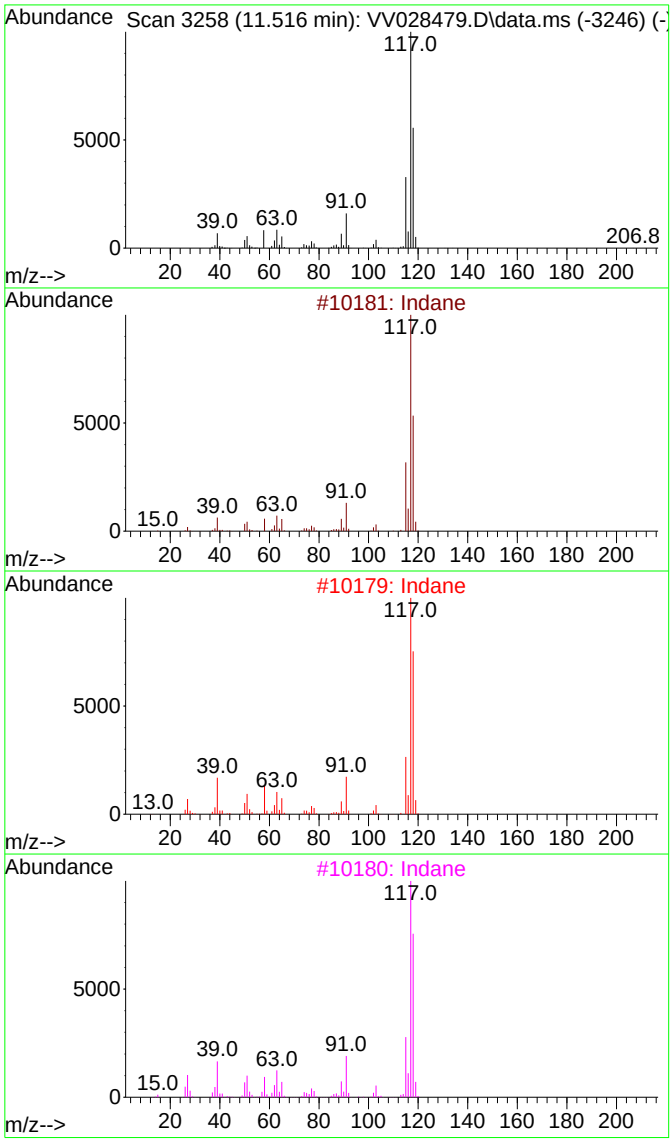
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

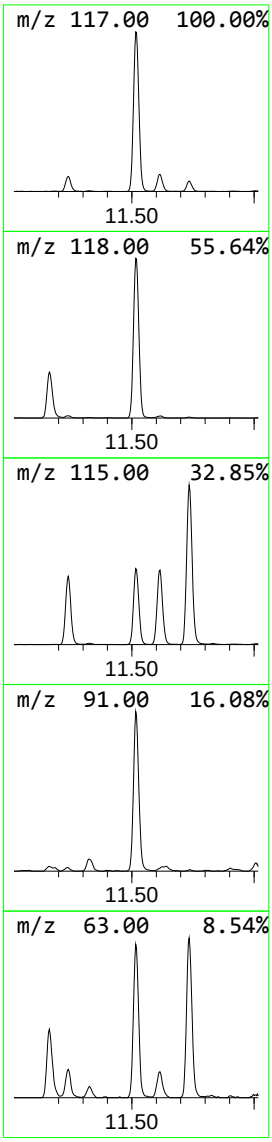
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.516	50.04 ug/L	1159110	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	Indane	118	C9H10	000496-11-7	87
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





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Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

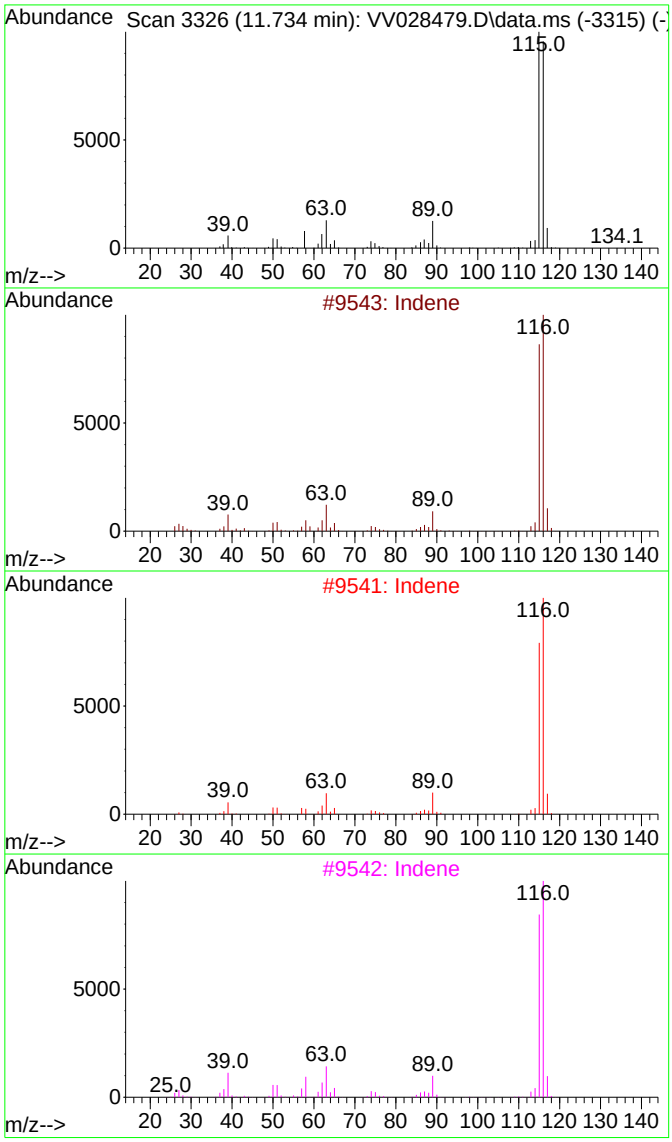
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

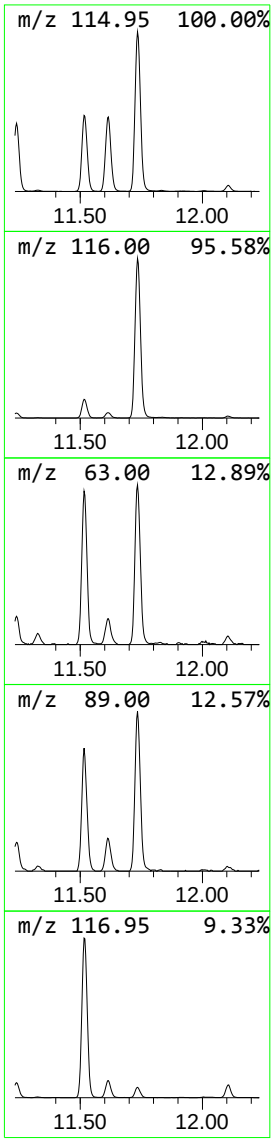
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.734	34.72 ug/L	804333	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	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

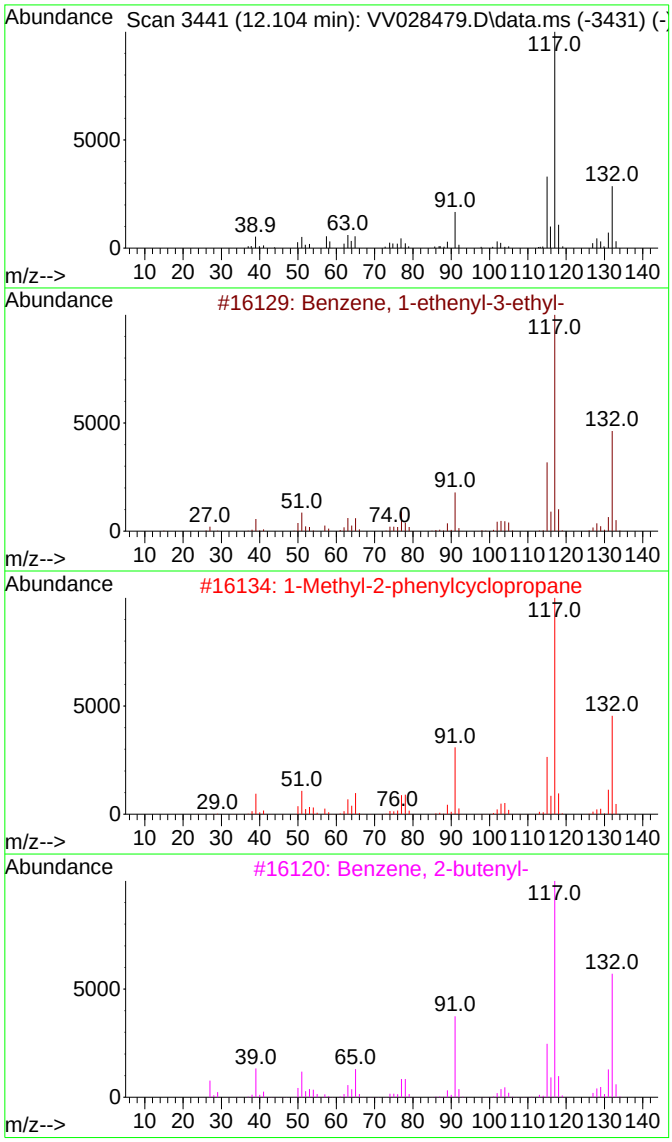
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

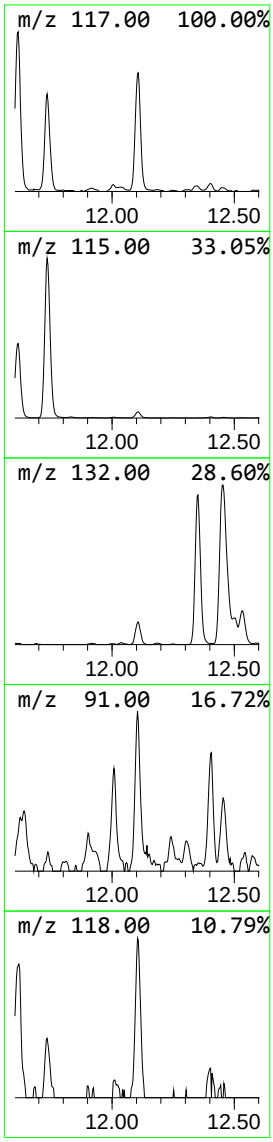
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.06 ug/L	94144	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	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

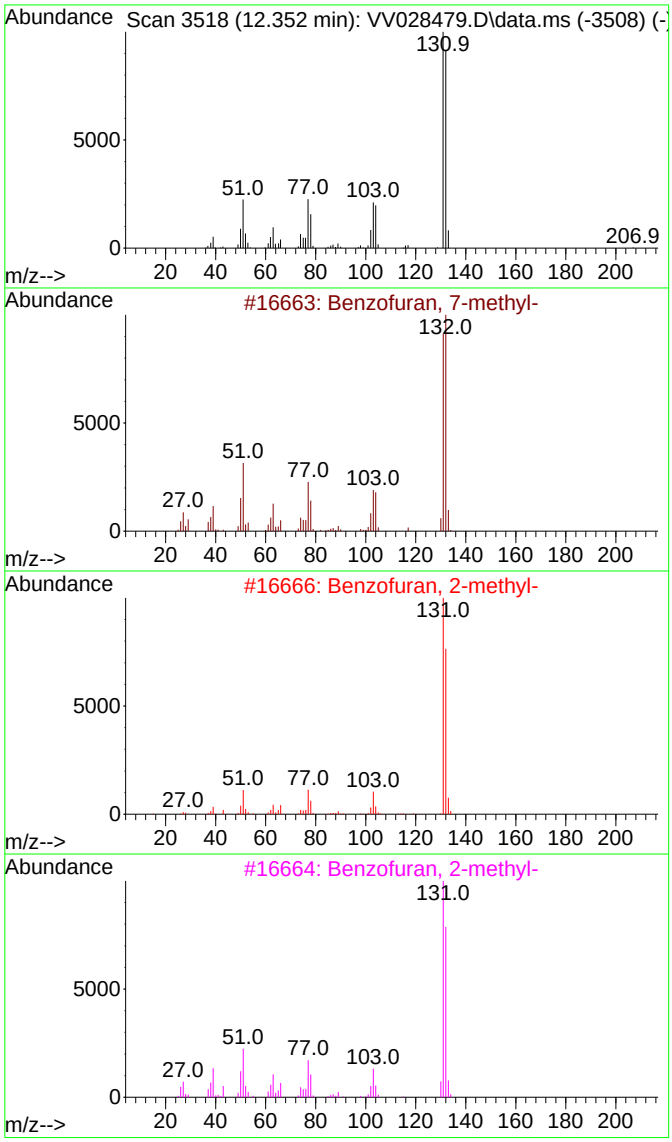
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

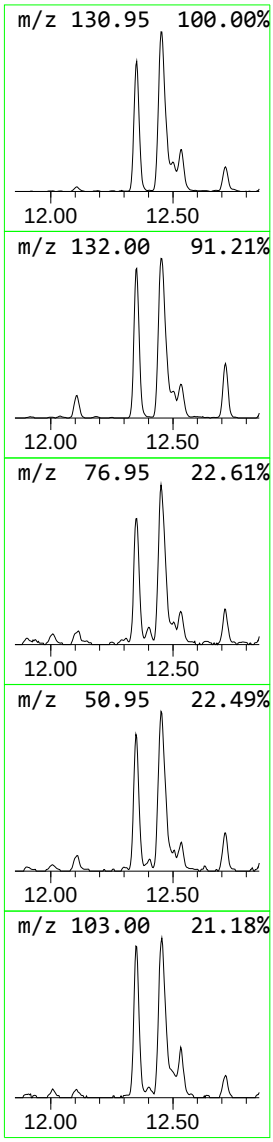
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	10.32 ug/L	238938	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	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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

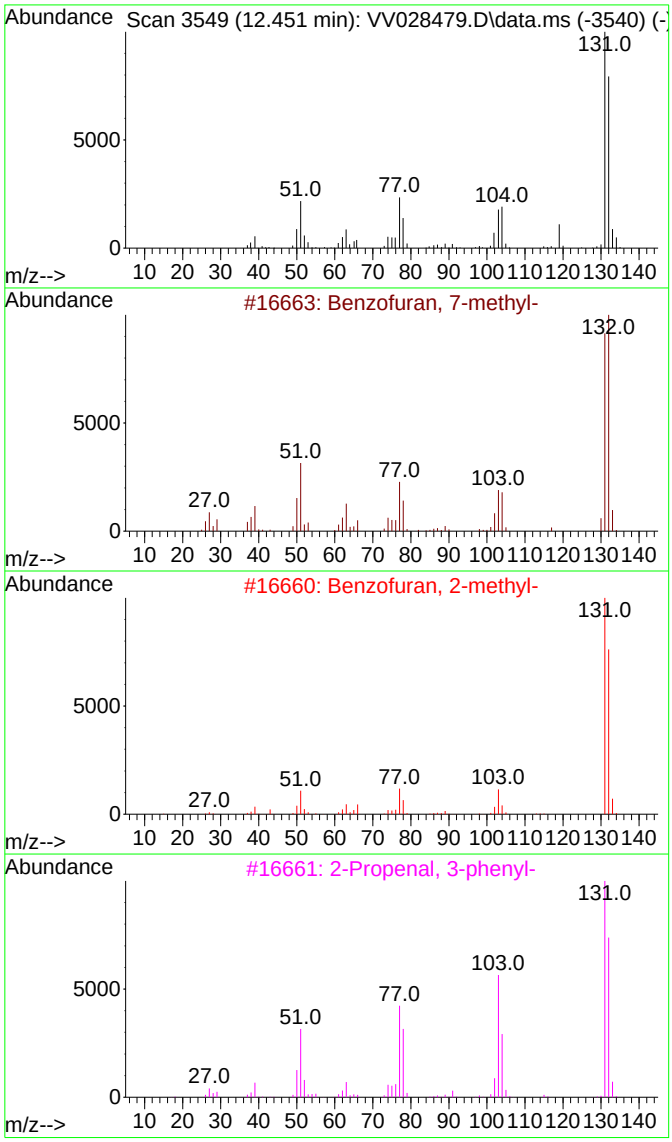
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

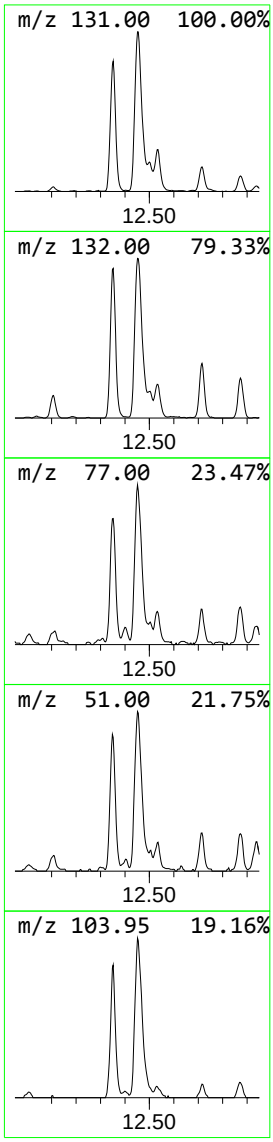
****

Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	16.83 ug/L	389825	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	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





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Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

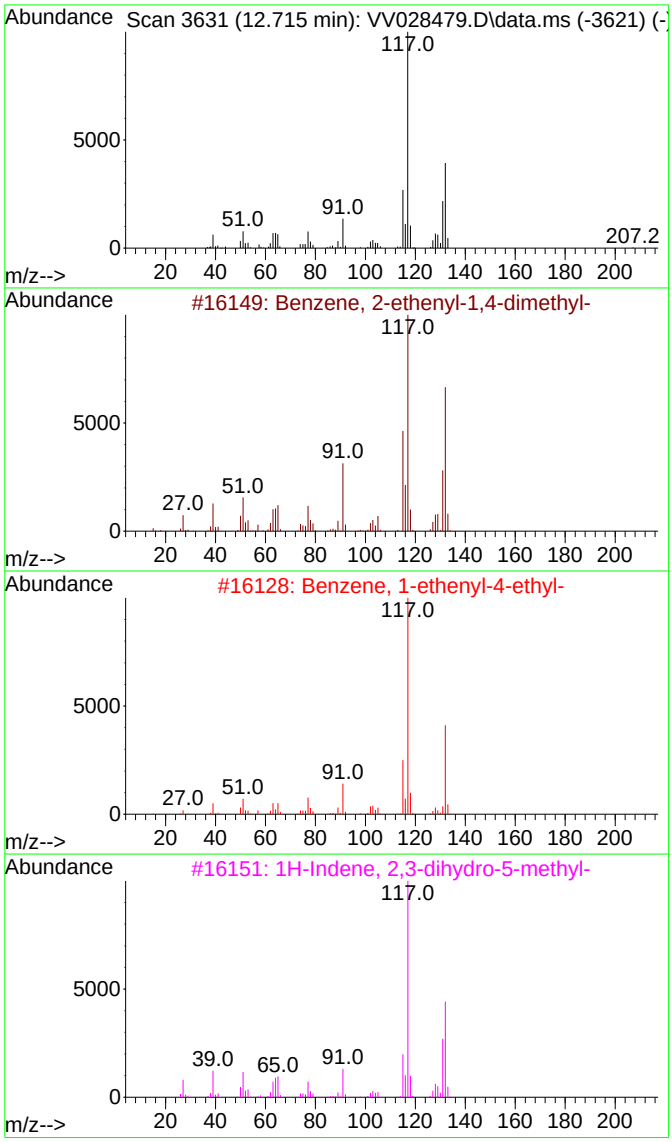
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

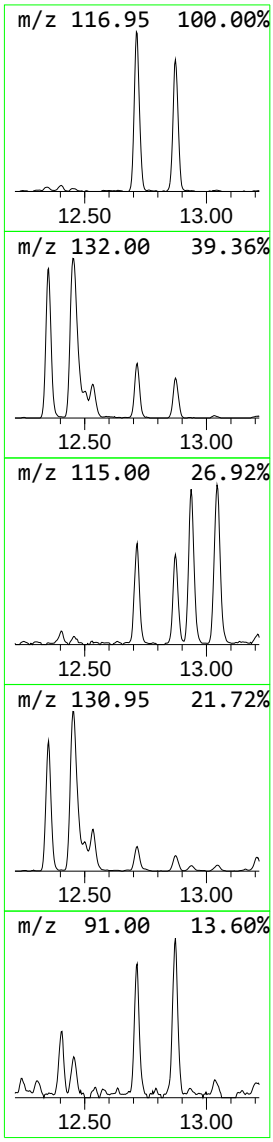
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	7.52 ug/L	174240	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	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





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Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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

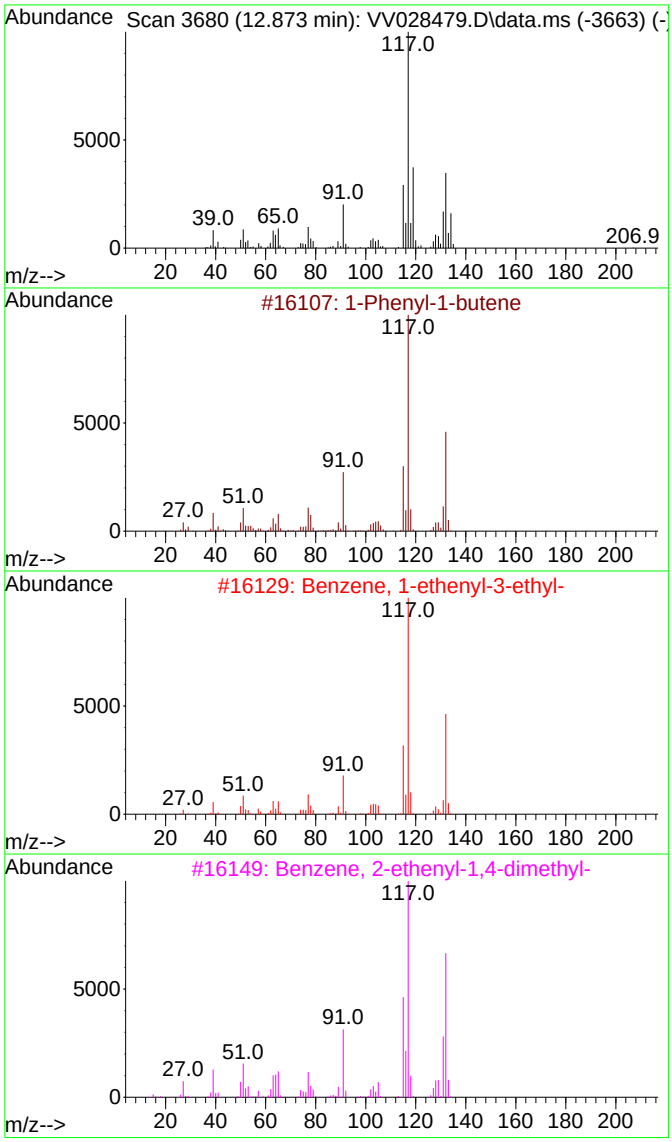
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

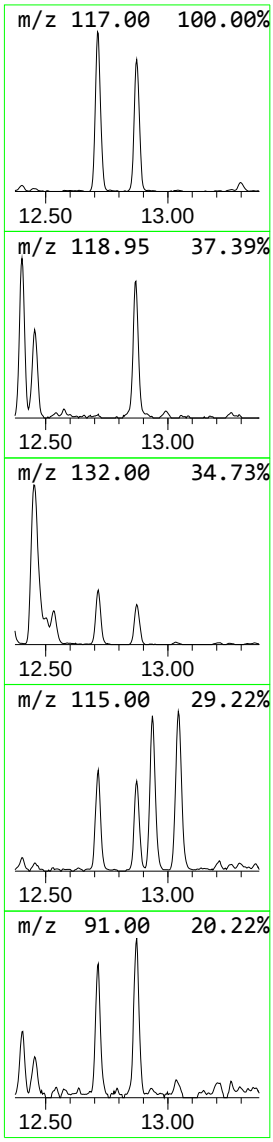
****

Peak Number 14 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	8.25 ug/L	191152	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

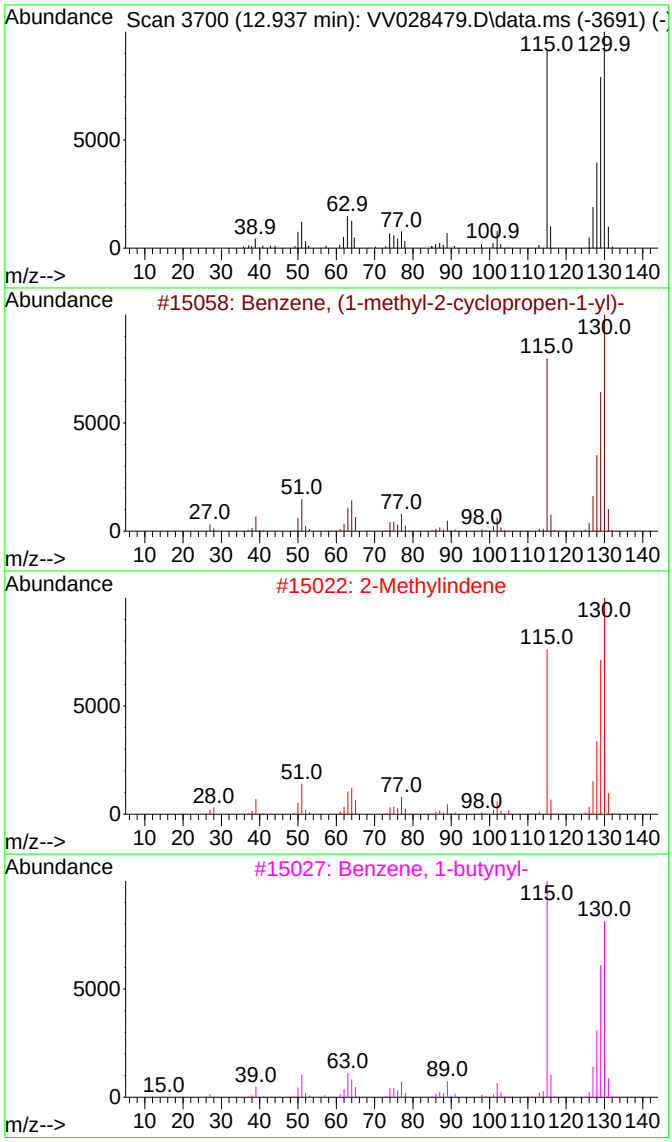
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

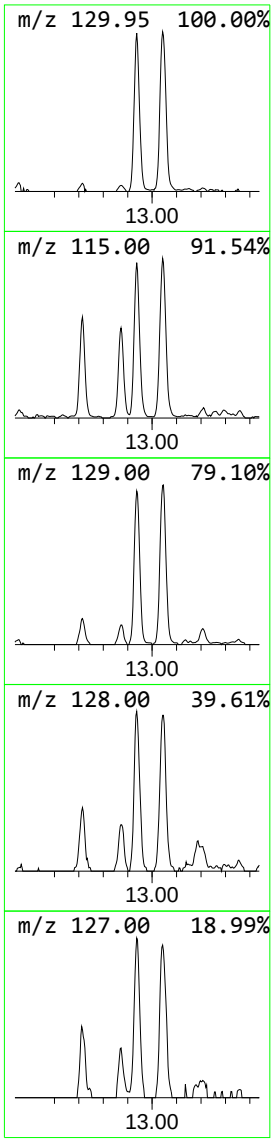
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	5.23 ug/L	121171	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

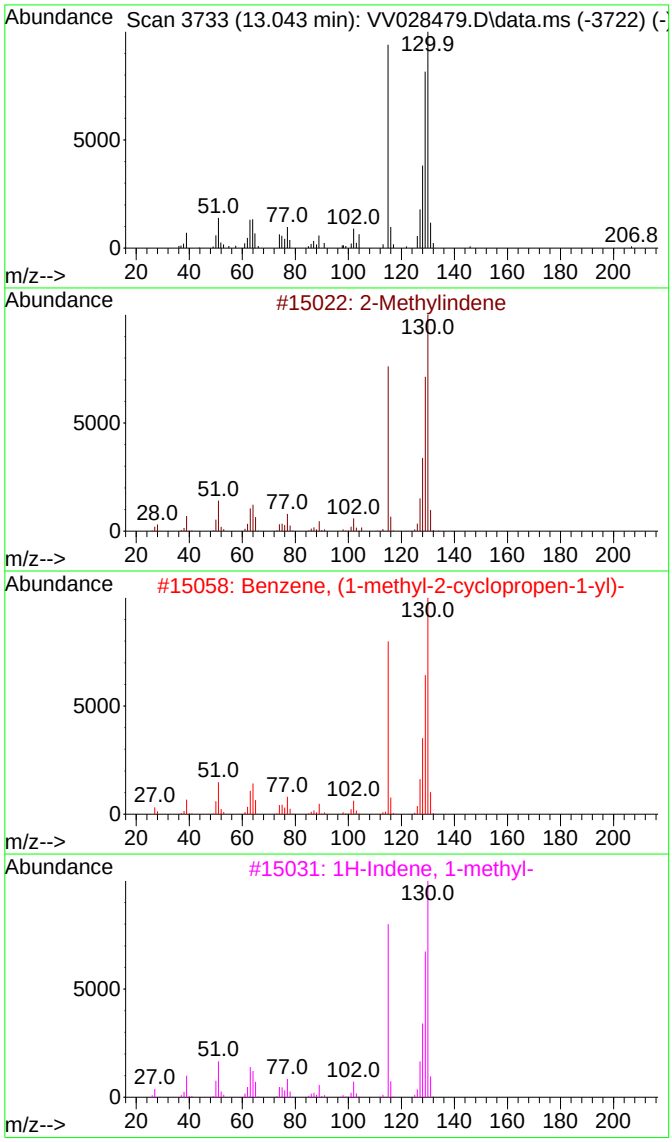
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

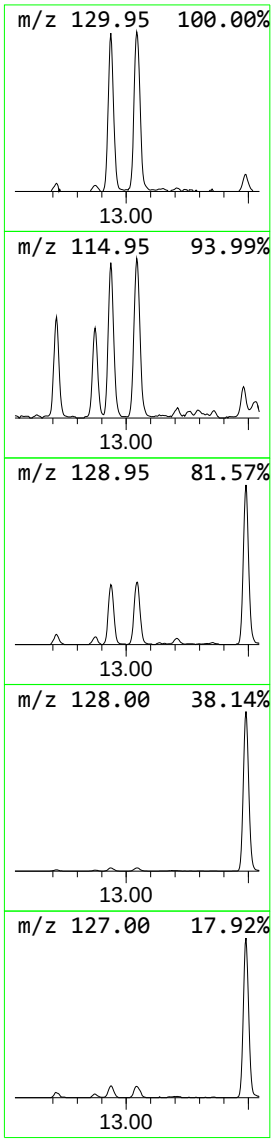
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Methylindene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	5.97 ug/L	138245	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	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	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 : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

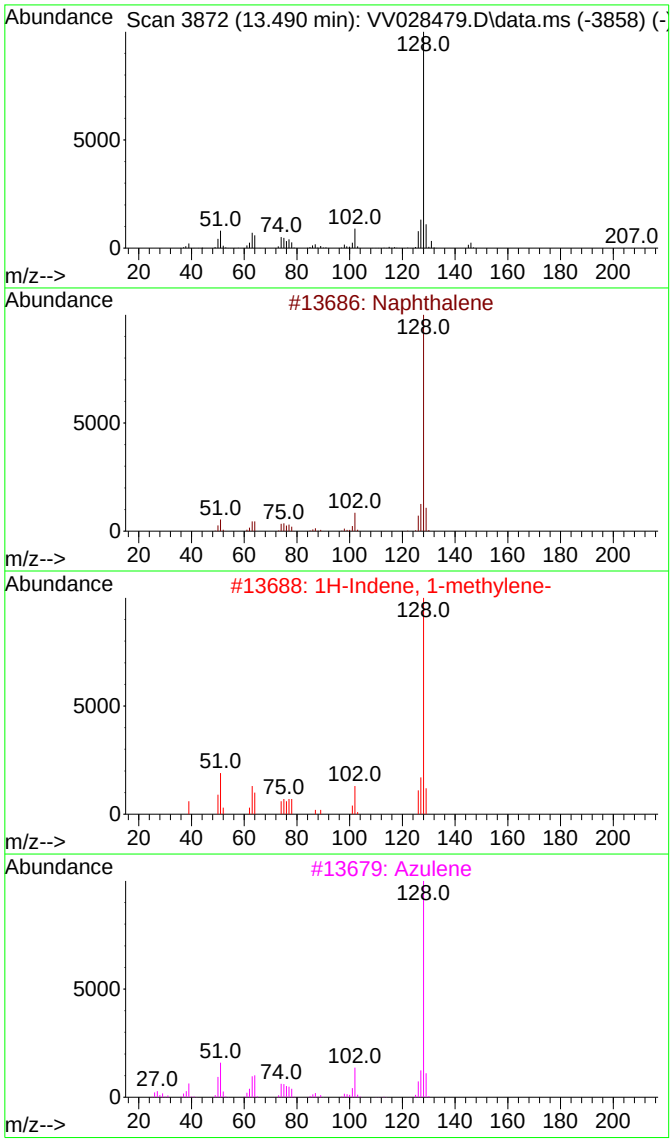
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

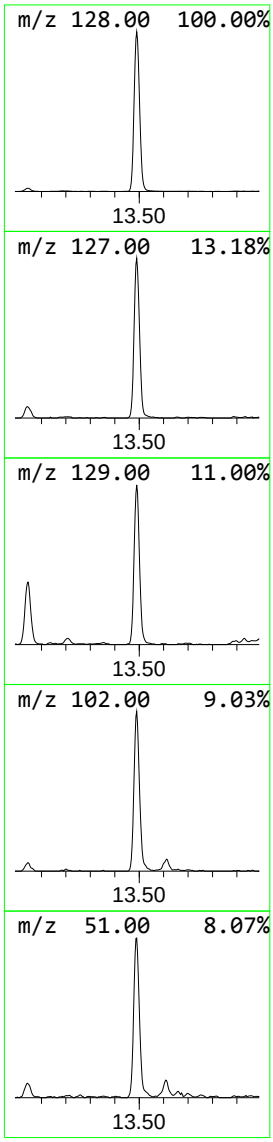
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.490	48.23 ug/L	1117270	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	Azulene	128	C10H8	000275-51-4	91
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 : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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

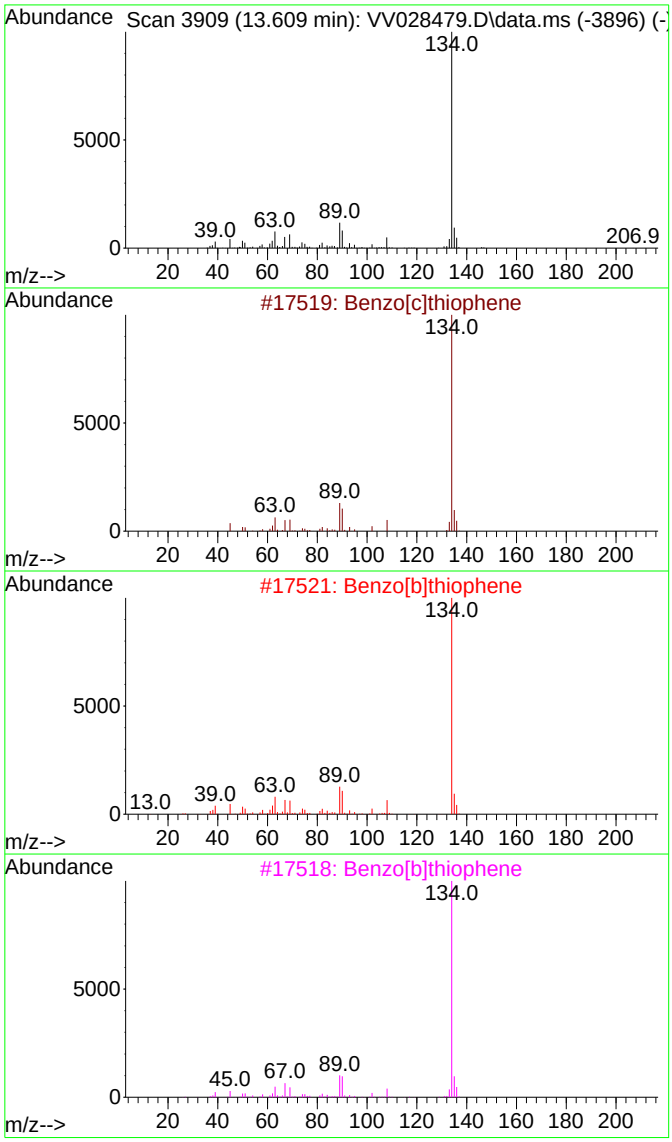
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

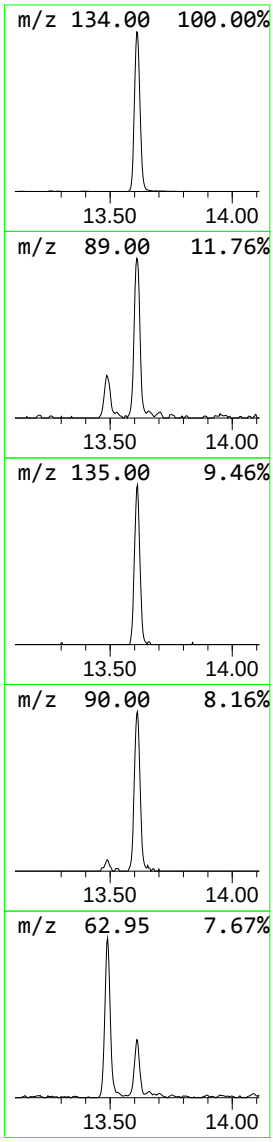
****

Peak Number 18 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	15.26 ug/L	353357	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	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

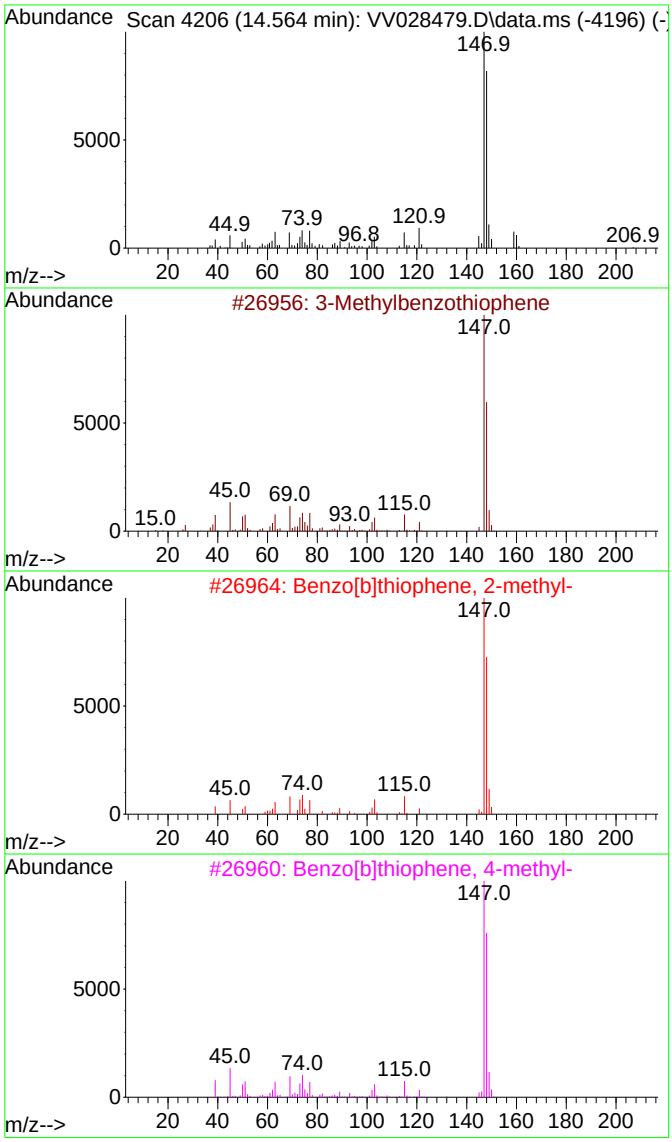
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

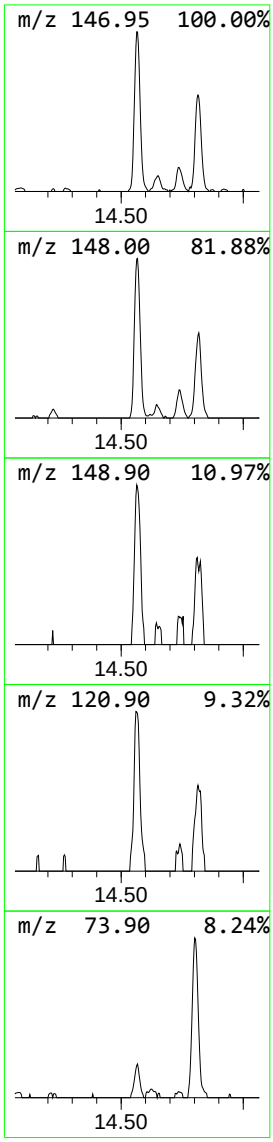
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 3-Methylbenzothiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	3.14 ug/L	72824	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





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Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

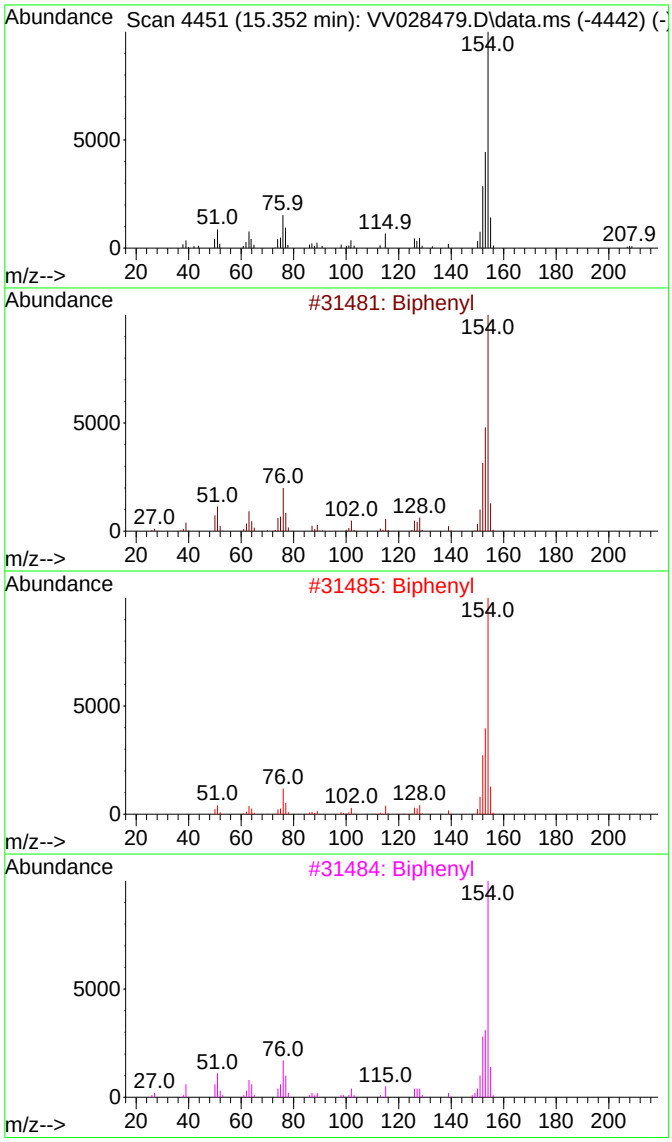
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

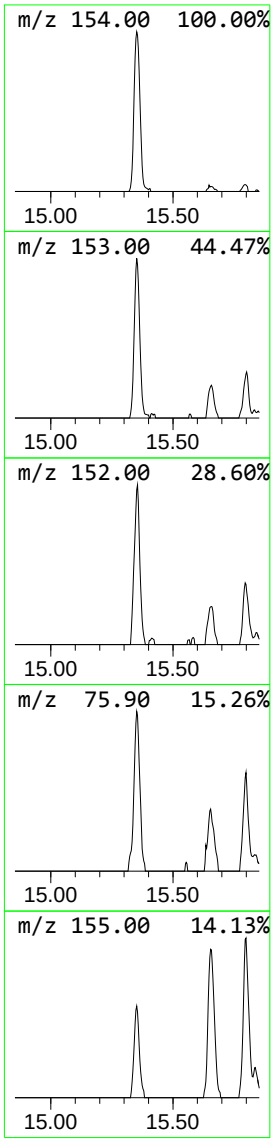
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2-ethenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.352	2.81 ug/L	65182	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	96
2	Biphenyl	154	C12H10	000092-52-4	95
3	Biphenyl	154	C12H10	000092-52-4	94
4	Biphenyl	154	C12H10	000092-52-4	94
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





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Data File : VV028479.D
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Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

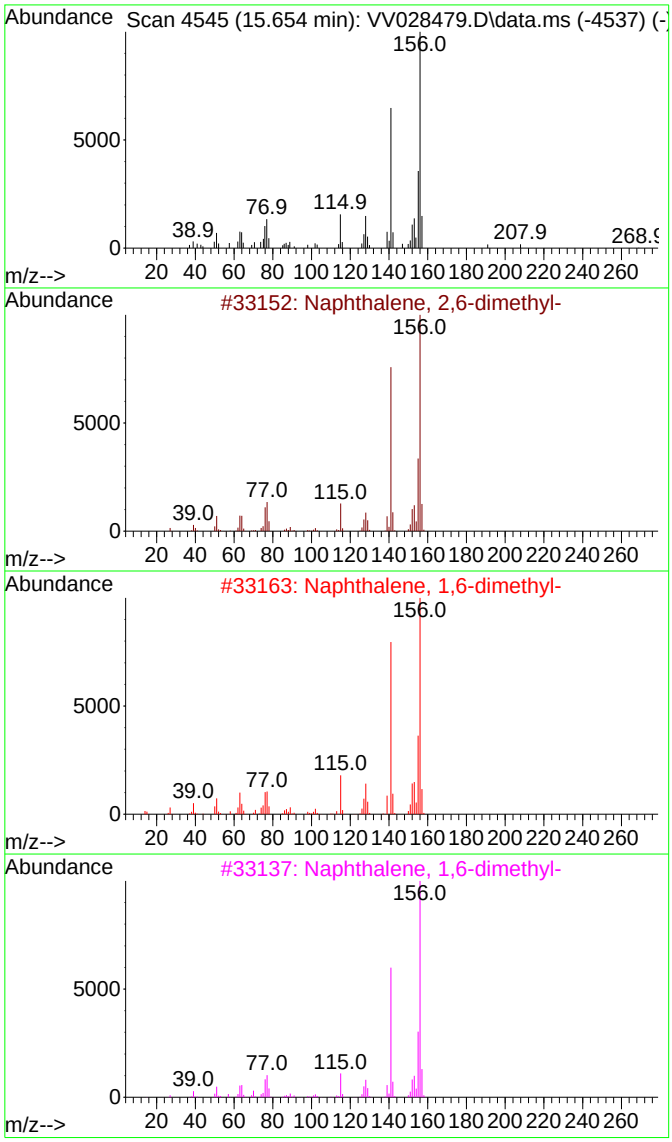
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

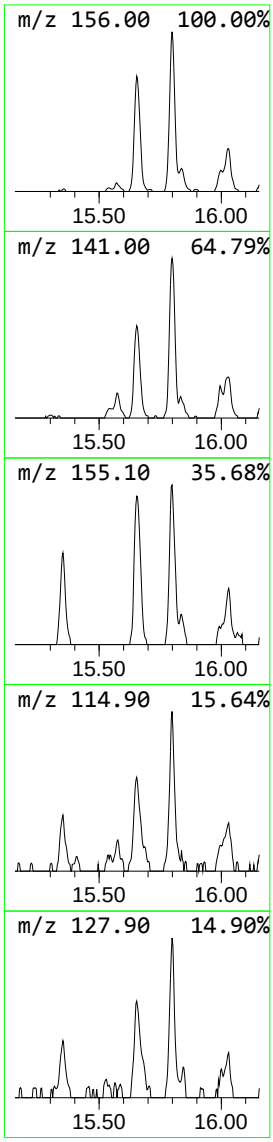
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 2,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.654	3.08 ug/L	71436	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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

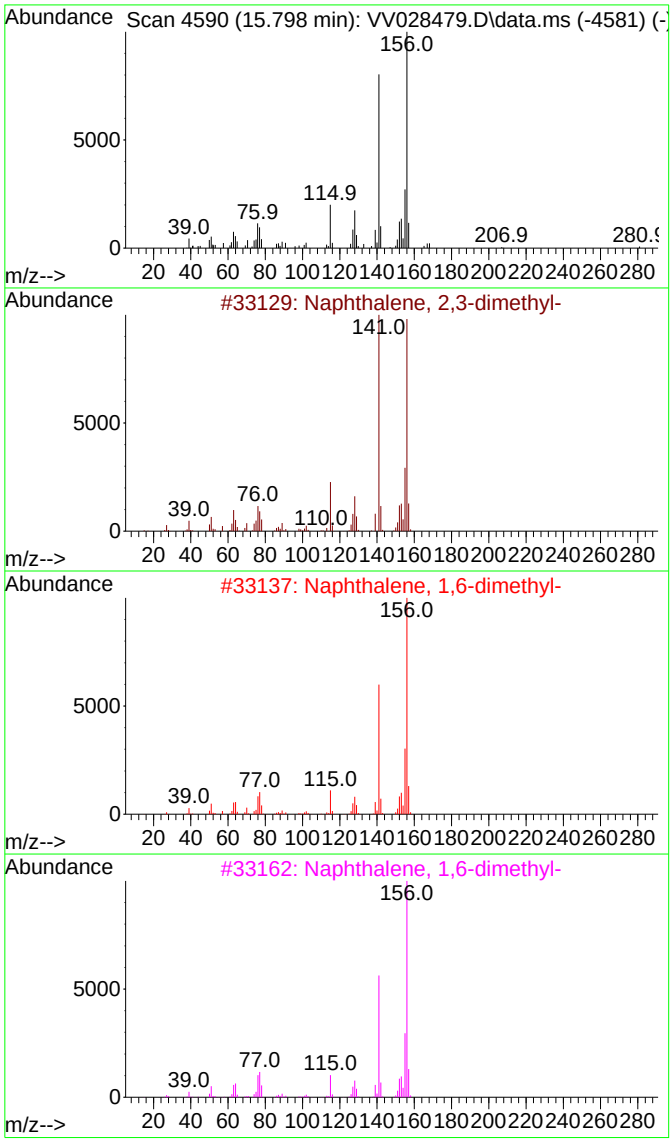
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

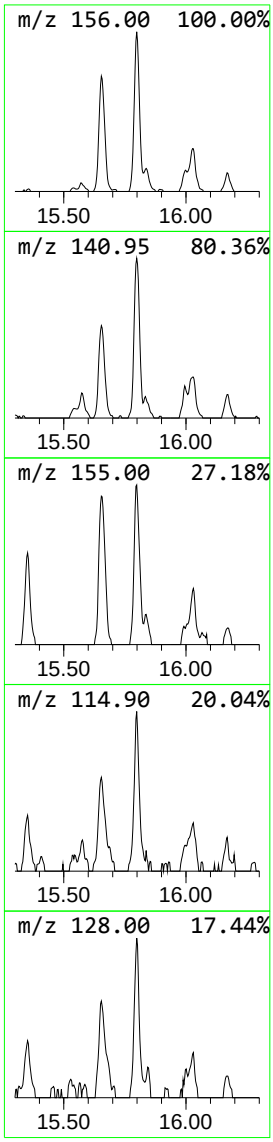
****

Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.799	3.43 ug/L	79400	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

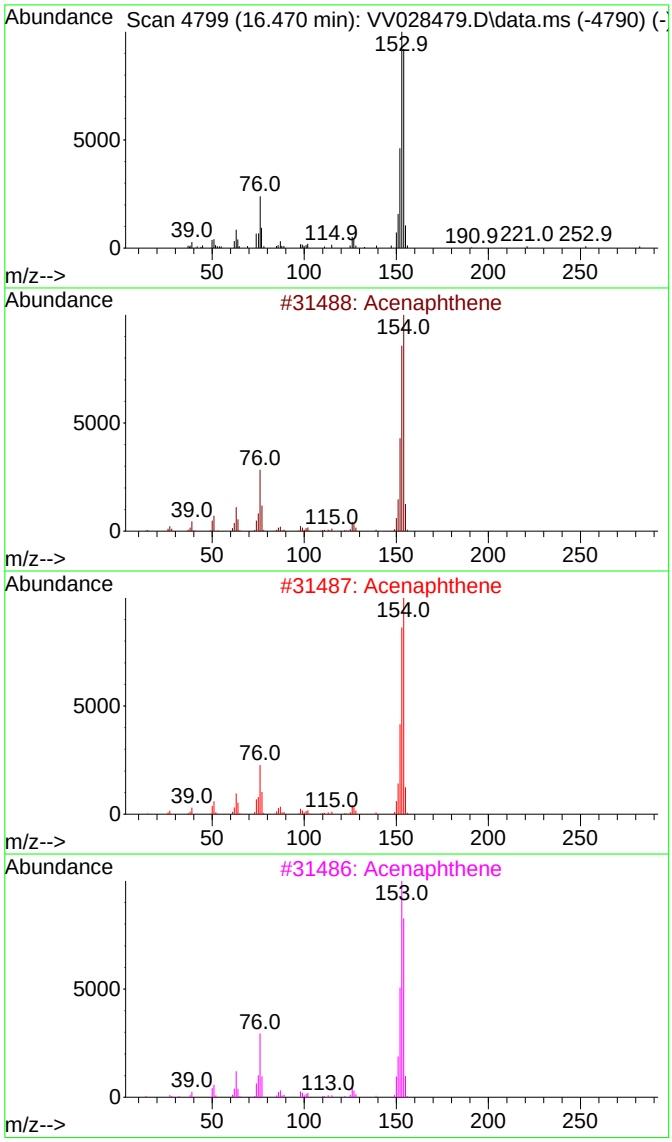
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

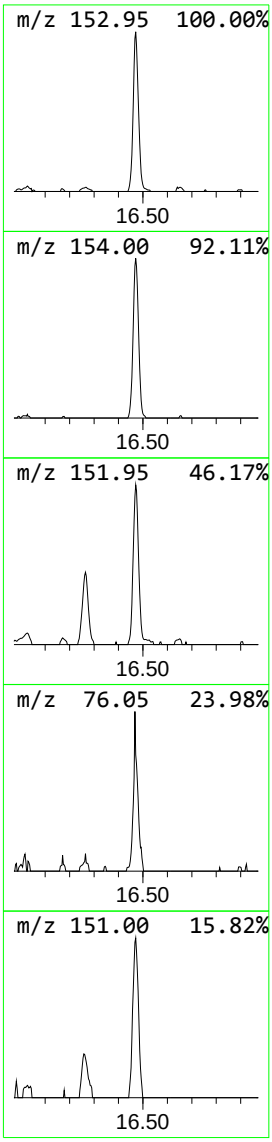
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.471	3.38 ug/L	78326	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	91
3	Acenaphthene	154	C12H10	000083-32-9	89
4	Acenaphthene	154	C12H10	000083-32-9	81
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005DL

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
Sulfur dioxide	1.461	16.7	ug/L	309561	1	5.609	925892	50.0
Benzene, propyl-	10.345	2.6	ug/L	59520	3	11.239	1158170	50.0
Benzene, 1-ethy...	10.442	4.0	ug/L	92058	3	11.239	1158170	50.0
Benzene, 1-ethy...	10.731	3.5	ug/L	80306	3	11.239	1158170	50.0
Benzofuran	11.162	8.7	ug/L	202461	3	11.239	1158170	50.0
Benzene, 1,2,3-...	11.326	6.2	ug/L	144498	3	11.239	1158170	50.0
Indane	11.516	50.0	ug/L	1159110	3	11.239	1158170	50.0
Indene	11.734	34.7	ug/L	804333	3	11.239	1158170	50.0
Benzene, 1-ethe...	12.104	4.1	ug/L	94144	3	11.239	1158170	50.0
Benzofuran, 7-m...	12.352	10.3	ug/L	238938	3	11.239	1158170	50.0
Benzofuran, 2-m...	12.451	16.8	ug/L	389825	3	11.239	1158170	50.0
Benzene, 2-ethe...	12.715	7.5	ug/L	174240	3	11.239	1158170	50.0
1-Phenyl-1-butene	12.873	8.3	ug/L	191152	3	11.239	1158170	50.0
Benzene, (1-met...	12.937	5.2	ug/L	121171	3	11.239	1158170	50.0
2-Methylindene	13.043	6.0	ug/L	138245	3	11.239	1158170	50.0
Azulene	13.490	48.2	ug/L	1117270	3	11.239	1158170	50.0
Benzo[c]thiophene	13.609	15.3	ug/L	353357	3	11.239	1158170	50.0
3-Methylbenzoth...	14.564	3.1	ug/L	72824	3	11.239	1158170	50.0
Naphthalene, 2-...	15.352	2.8	ug/L	65182	3	11.239	1158170	50.0
Naphthalene, 2,...	15.654	3.1	ug/L	71436	3	11.239	1158170	50.0
Naphthalene, 2,...	15.799	3.4	ug/L	79400	3	11.239	1158170	50.0
1,4-Ethenonapht...	16.471	3.4	ug/L	78326	3	11.239	1158170	50.0