LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Title : VOC Analysis

Signal : TIC: VU051041.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	23	rVB2	22207	26398	0.16%	0.032%
2	1.600	73	81	94	rVB	209915	249427	1.52%	0.306%
3	1.903	167	175	189	rVB	168293	228127	1.39%	0.280%
4	2.565	368	381	394	rBV	302953	493253	3.00%	0.605%
5	2.777	443	447	448	rBV3	1154	864	0.01%	0.001%
6	3.079	537	541	552	rVB4	2568	3242	0.02%	0.004%
7	3.182	568	573	580	rVB4	1838	2194	0.01%	0.003%
8	3.356	616	627	628	rBV5	2586	3244	0.02%	0.004%
9	3.700	723	734	742	rBV3	3143	6327	0.04%	0.008%
10	4.620	1007	1020	1059	rBV	171625	447271	2.72%	0.549%
11	5.060	1140	1157	1179	rBV	301711	664701	4.05%	0.815%
12	5.378	1254	1256	1263	rVB4	1207	1208	0.01%	0.001%
13	5.584	1313	1320	1322	rBV3	1275	1189	0.01%	0.001%
14	5.722	1340	1363	1370	rBV2	600787	1610387	9.81%	1.975%
15	5.771	1371	1378	1400	rVB	1280261	2496745	15.21%	3.062%
16	6.018	1448	1455	1472	rVB3	17109	35276	0.21%	0.043%
17	6.176	1501	1504	1510	rVB2	1009	749	0.00%	0.001%
18	6.247	1512	1526	1553	rBV	471338	902899	5.50%	1.107%
19	6.398	1570	1573	1578	rVB4	986	980	0.01%	0.001%
20	6.526	1603	1613	1625	rVB4	11314	20391	0.12%	0.025%
21	6.687	1648	1663	1683	rBV	396142	778263	4.74%	0.954%
22	7.189	1809	1819	1831	rBV9	1972	4248	0.03%	0.005%
23	7.565	1920	1936	1952	rBV	190583	338324	2.06%	0.415%
24	7.693	1970	1976	1982	rBV5	1074	1624	0.01%	0.002%
25	7.896	2025	2039	2052	rBV	671951	1152389	7.02%	1.413%
26	7.967	2053	2061	2079	rVB	99900	174619	1.06%	0.214%
27	8.099	2099	2102	2113	rVB5	1651	2354	0.01%	0.003%
28	8.179	2113	2127	2145	rBV	137765	238821	1.45%	0.293%
29	8.472	2209	2218	2229	rBV5	964	2215	0.01%	0.003%
30	8.555	2237	2244	2252	rBV6	2136	2849	0.02%	0.003%
31	8.632	2255	2268	2303	rBV3	469972	989831	6.03%	1.214%
32	8.861	2336	2339	2346	rVB4	986	942	0.01%	0.001%
33	8.925	2357	2359	2363	rVB3	1199	798	0.00%	0.001%
34	9.417	2498	2512	2532	rBV	704561	1160256	7.07%	1.423%
35	9.568	2546	2559	2581	rBV	1420216	2229665	13.58%	2.734%
36	9.693	2589	2598	2613	rVB	100071	174513	1.06%	0.214%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Title : VOC Analysis

37	9.771	2619	2622	2625	rVB2	1392	923	0.01%	0.001%
38	9.867	2642	2652	2663	rVV4	11058	22340	0.14%	0.027%
39	10.050	2700	2709	2713	rBV6	8166	12083	0.07%	0.015%
40	10.098	2713	2724	2745	rVB	573307	905318	5.51%	1.110%
41	10.333	2788	2797	2813	rVV6	7190	14166	0.09%	0.017%
42	10.481	2829	2843	2855	rBV	166151	262562	1.60%	0.322%
43	10.613	2881	2884	2888	rBV5	822	900	0.01%	0.001%
44	10.648	2893	2895	2900	rVB3	1275	828	0.01%	0.001%
45	10.693	2900	2909	2914	rBV6	1177	1574	0.01%	0.002%
46	10.754	2914	2928	2943	rBV	607780	971846	5.92%	1.192%
47	10.828	2945	2951	2959	rVB5	6425	9494	0.06%	0.012%
48	10.906	2963	2975	2989	rBV	104643	163982	1.00%	0.201%
49	11.021	2992	3011	3021	rVV2	40846	95027	0.58%	0.117%
50	11.086	3021	3031	3045	rVB	44910	70788	0.43%	0.087%
51	11.147	3045	3050	3052	rBV3	1127	851	0.01%	0.001%
52	11.208	3066	3069	3078	rVB7	2608	3189	0.02%	0.004%
53	11.288	3079	3094	3116	rBV	166477	283695	1.73%	0.348%
54	11.369	3116	3119	3125	rVB5	716	848	0.01%	0.001%
55	11.465	3128	3149	3161	rBV	51534	88846	0.54%	0.109%
56	11.536	3164	3171	3181	rVB5	6826	9529	0.06%	0.012%
57	11.594	3183	3189	3195	rBV7	2590	4016	0.02%	0.005%
58	11.642	3198	3204	3212	rVB3	6403	9432	0.06%	0.012%
59	11.732	3221	3232	3243	rBV2	52392	97480	0.59%	0.120%
60	11.809	3243	3256	3270	rVV	739684	1166250	7.10%	1.430%
61	11.893	3270	3282	3295	rVV	588856	900890	5.49%	1.105%
62	12.005	3311	3317	3325	rVB5	4937	7525	0.05%	0.009%
63	12.092	3325	3344	3362	rBV	10766234	16417516	100.00%	20.134%
64	12.188	3363	3374	3389	rVB	879011	1446678	8.81%	1.774%
65	12.311	3399	3412	3426	rBV	4806165	7276678	44.32%	8.924%
66	12.462	3452	3459	3479	rVB2	53000	110879	0.68%	0.136%
67	12.568	3481	3492	3500	rBV	217465	333733	2.03%	0.409%
68	12.680	3515	3527	3557	rBV	309156	549438	3.35%	0.674%
69	12.806	3557	3566	3575	rBV3	43599	65830	0.40%	0.081%
70	12.873	3577	3587	3592	rVV	49574	82676	0.50%	0.101%
71	12.922	3592	3602	3611	rVV	854740	1311402	7.99%	1.608%
72	12.970	3611	3617	3623	rVV	227954	333183	2.03%	0.409%
73	13.024	3623	3634	3653	rVV	2299223	4564298	27.80%	5.598%
74	13.105	3654	3659	3680	rVV	259876	439173	2.68%	0.539%
75	13.198	3681	3688	3698	rVB2	31982	48435	0.30%	0.059%
76	13.291	3706	3717	3732	rBV	1148430	1699543	10.35%	2.084%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Title : VOC Analysis

77	13.452	3746	3767	3778	rBV2	2247623	3601984	21.94%	4.417%
78	13.516	3778	3787	3807	rVV	540752	870827	5.30%	1.068%
79	13.626	3809	3821	3839	rVB	576622	948516	5.78%	1.163%
80	13.786	3861	3871	3878	rBV2	97116	159630	0.97%	0.196%
81	13.831	3878	3885	3893	rVV3	75297	111792	0.68%	0.137%
82	14.082	3945	3963	3980	rBV3	981600	2402449	14.63%	2.946%
83	14.204	3981	4001	4018	rVV	1784992	3564213	21.71%	4.371%
84	14.282	4019	4025	4035	rVV3	232393	376292	2.29%	0.461%
85	14.339	4035	4043	4051	rVV2	139735	225723	1.37%	0.277%
86	14.388	4052	4058	4069	rVB3	56578	88001	0.54%	0.108%
87	14.481	4079	4087	4096	rBV2	155653	240097	1.46%	0.294%
88	14.671	4135	4146	4157	rBV4	156570	349633	2.13%	0.429%
89	14.802	4178	4187	4200	rBV2	102679	200162	1.22%	0.245%
90	14.876	4201	4210	4221	rVB3	236422	396537	2.42%	0.486%
91	15.166	4283	4300	4320	rBV	293468	636477	3.88%	0.781%
92	15.339	4345	4354	4362	rBV	48923	77052	0.47%	0.094%
93	15.407	4362	4375	4405	rVV	2323244	3785262	23.06%	4.642%
94	15.950	4533	4544	4556	rBV	991770	1536328	9.36%	1.884%
95	16.179	4608	4615	4626	rVB3	85648	136462	0.83%	0.167%
96	16.259	4629	4640	4663	rVB	530246	1051034	6.40%	1.289%
97	16.404	4675	4685	4709	rVB	1389322	2262355	13.78%	2.774%
98	16.780	4793	4802	4820	rVB2	186835	309402	1.88%	0.379%
99	16.880	4822	4833	4857	rBV	667319	1160731	7.07%	1.423%
100	17.092	4887	4899	4921	rBV	1692470	2819714	17.18%	3.458%

Sum of corrected areas: 81541100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
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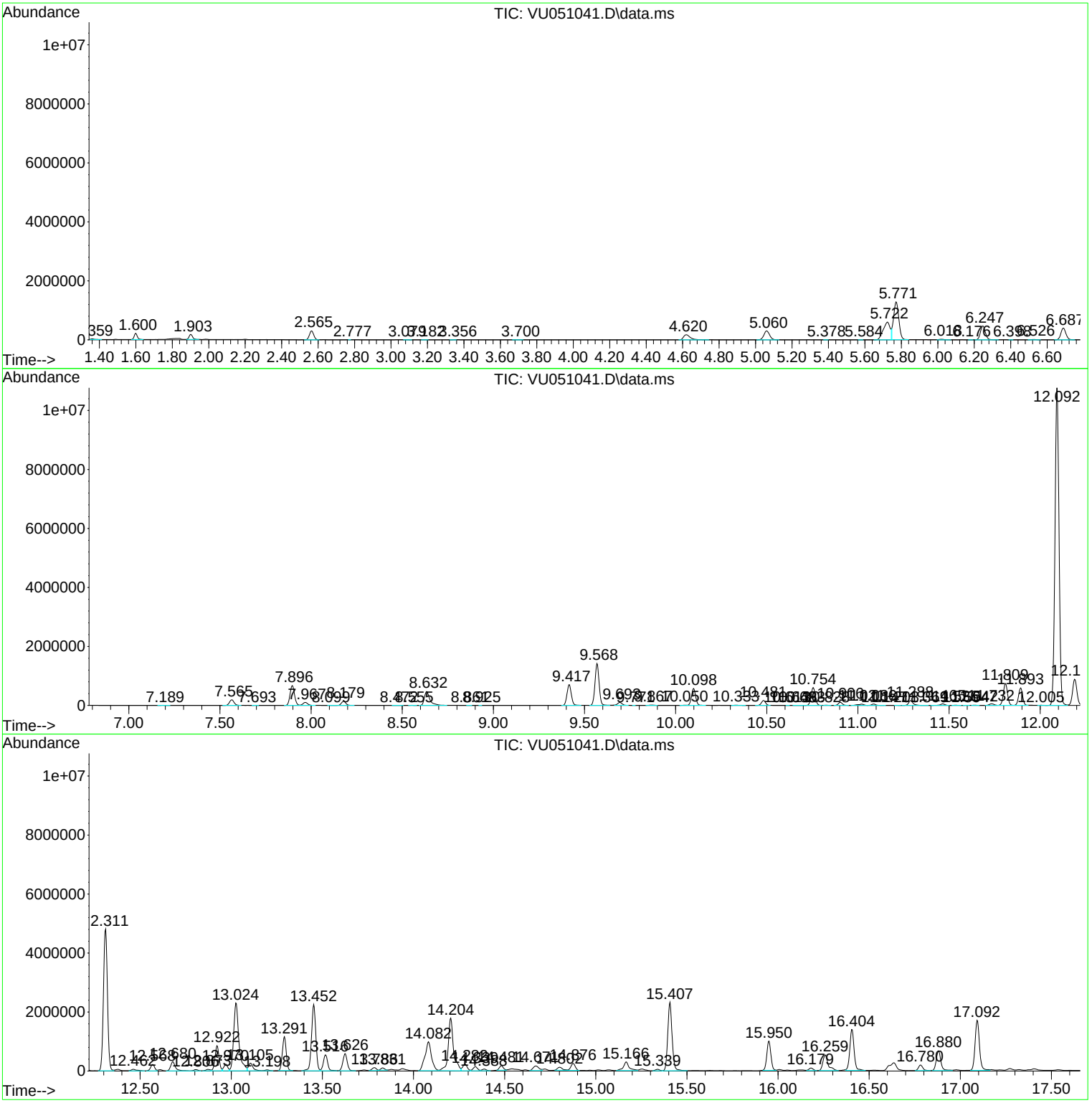
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

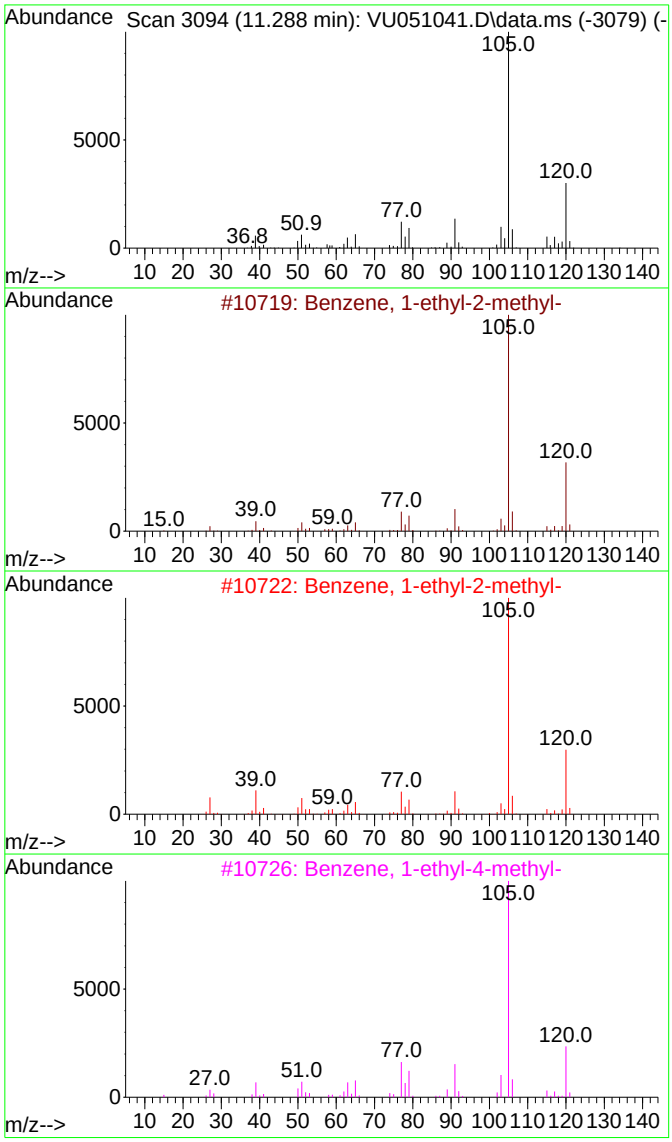
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

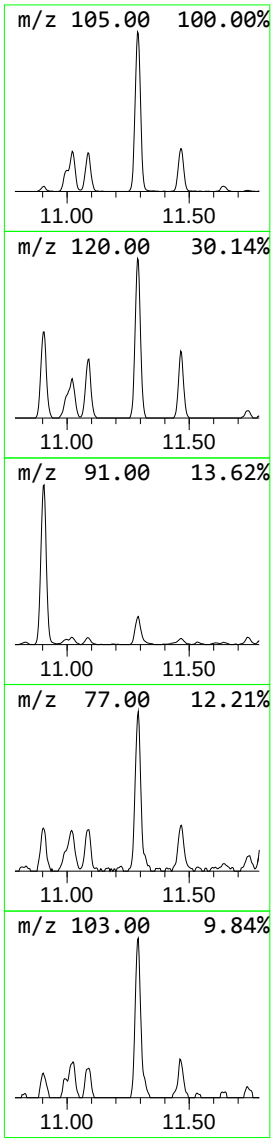
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	12.16 ug/L	283695	1,4-Dichlorobenzene-d4	11.809

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

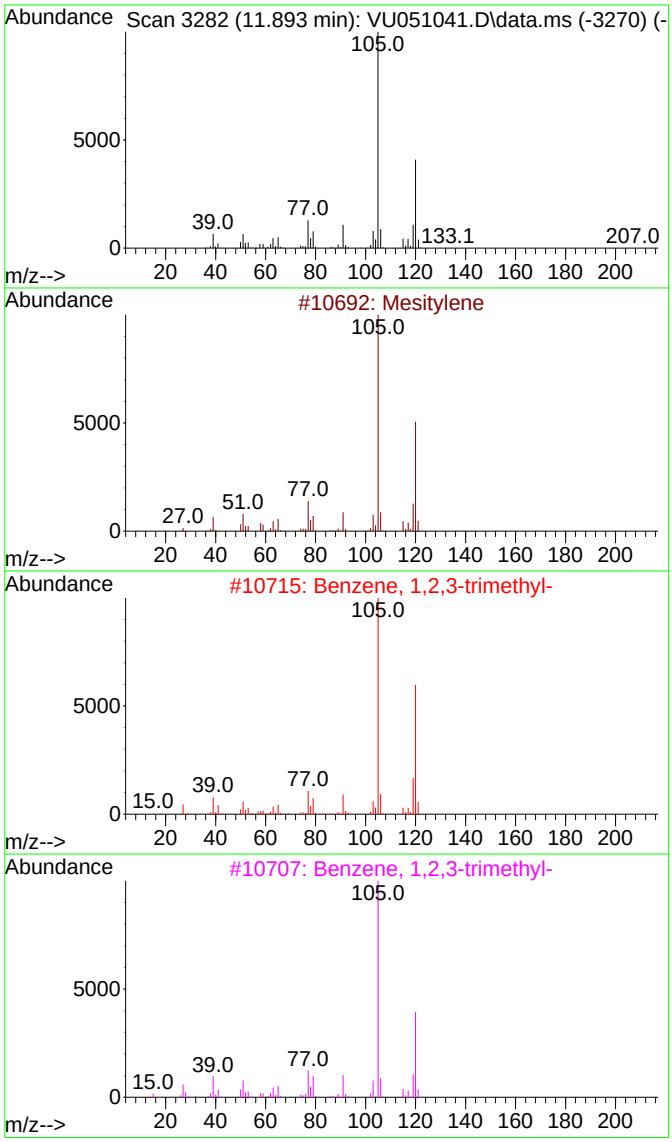
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

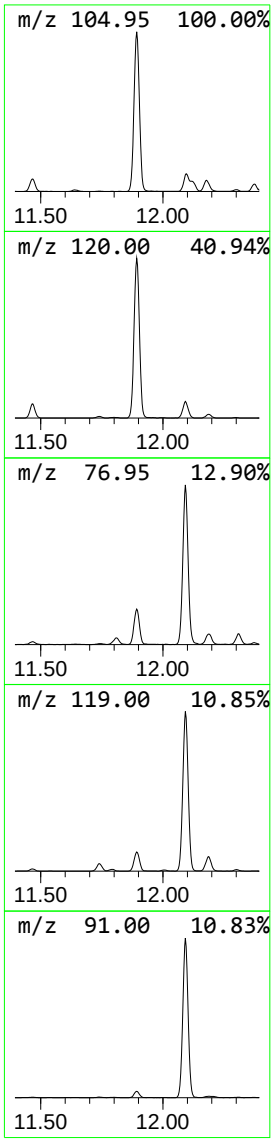
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	38.62 ug/L	900890	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

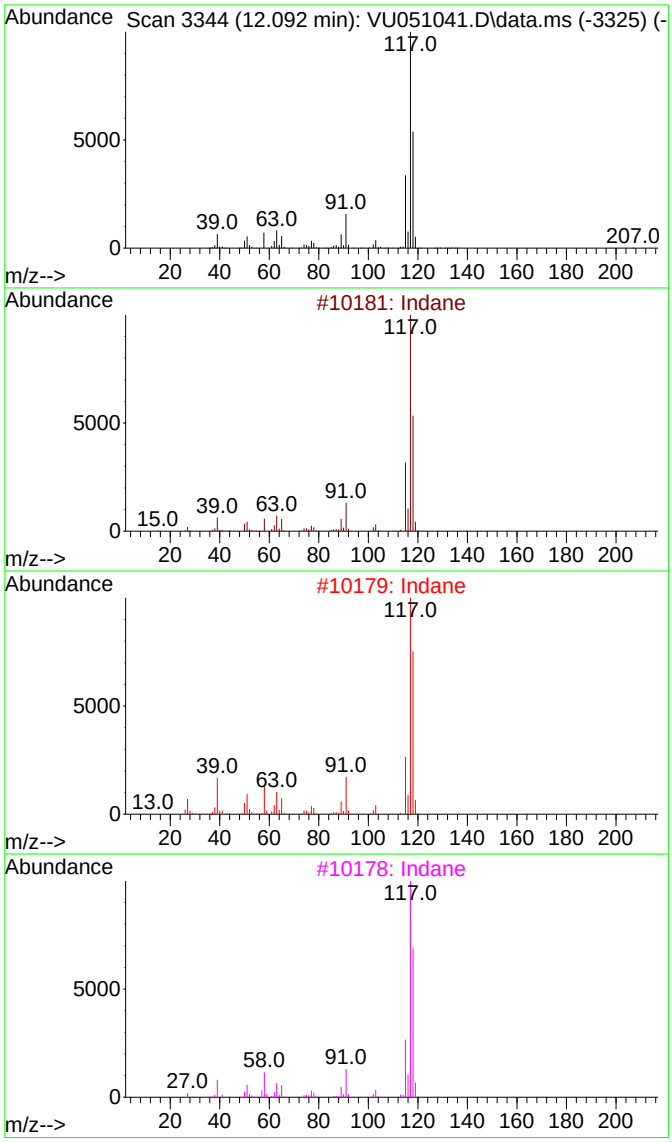
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

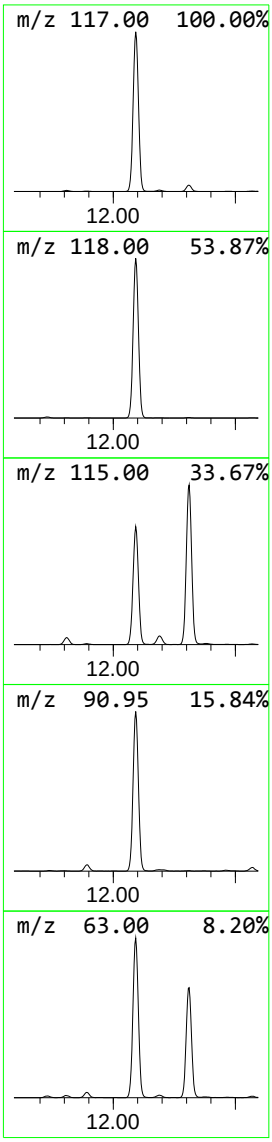
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	703.86 ug/L	16417500	1,4-Dichlorobenzene-d4	11.809

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	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

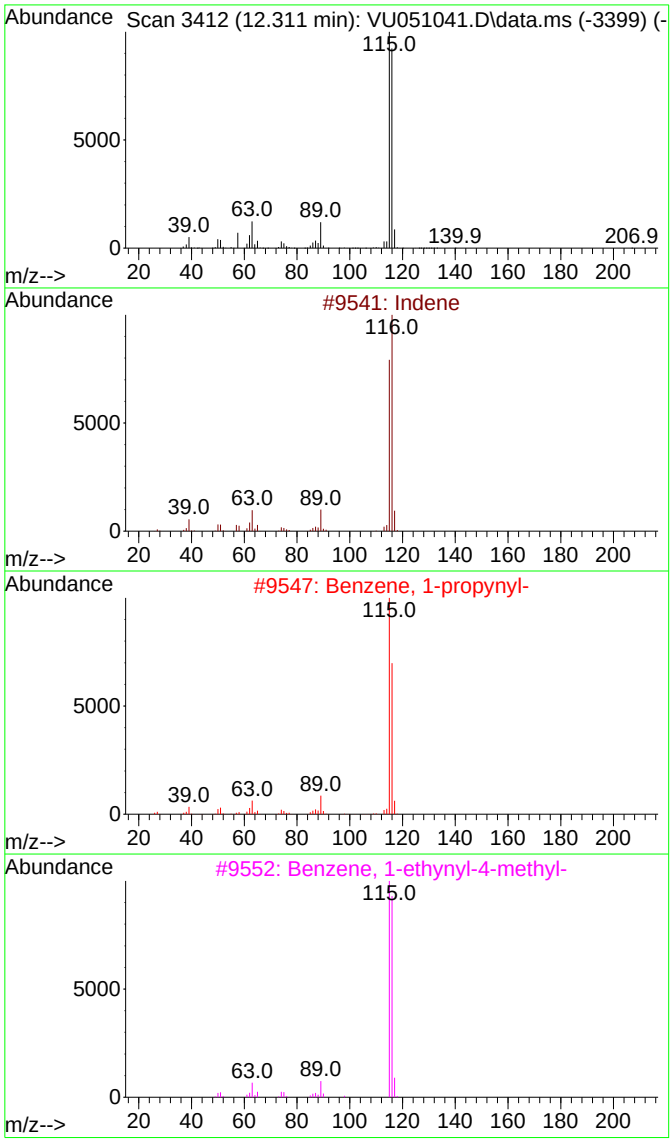
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

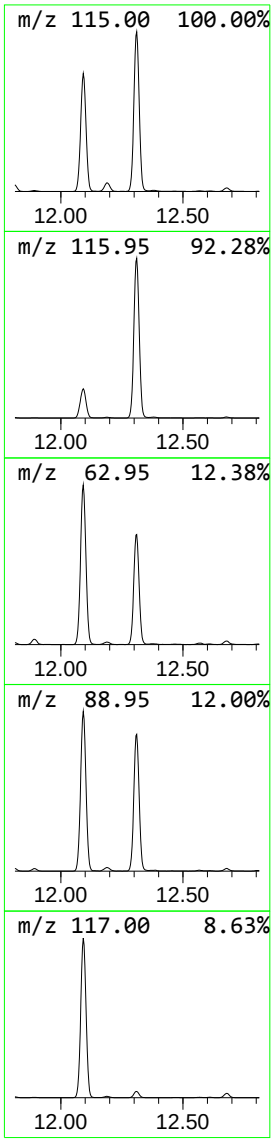
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.311	311.97 ug/L	7276680	1,4-Dichlorobenzene-d4	11.809

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

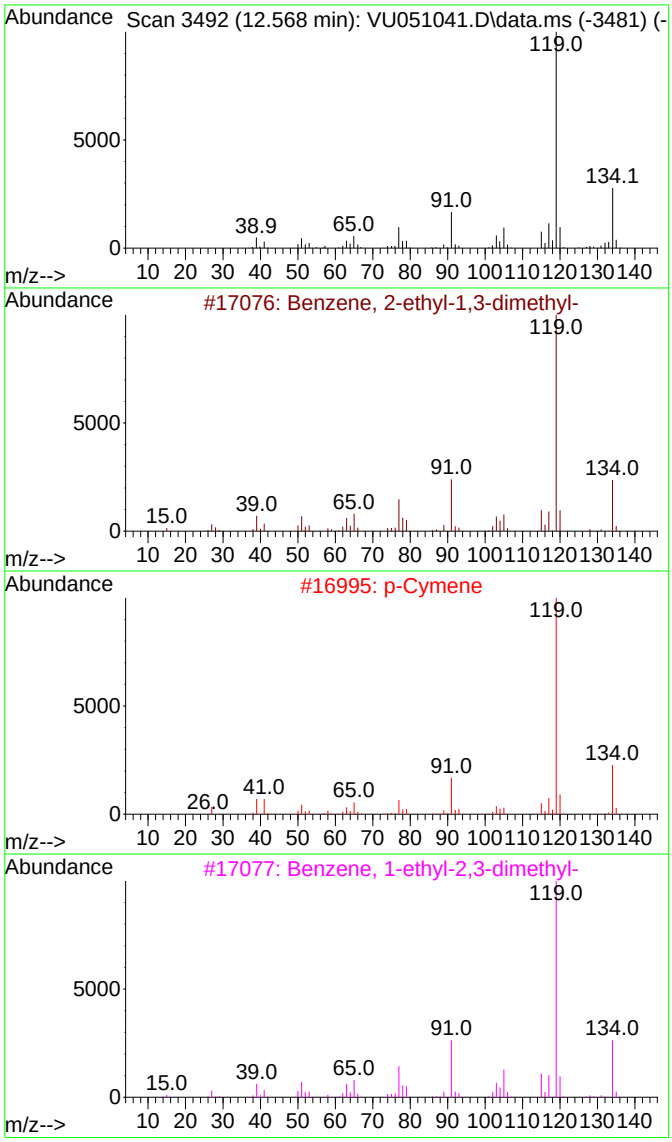
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

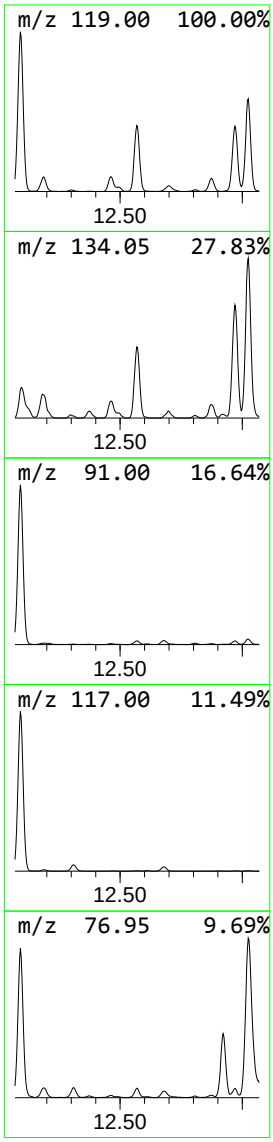
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	14.31 ug/L	333733	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

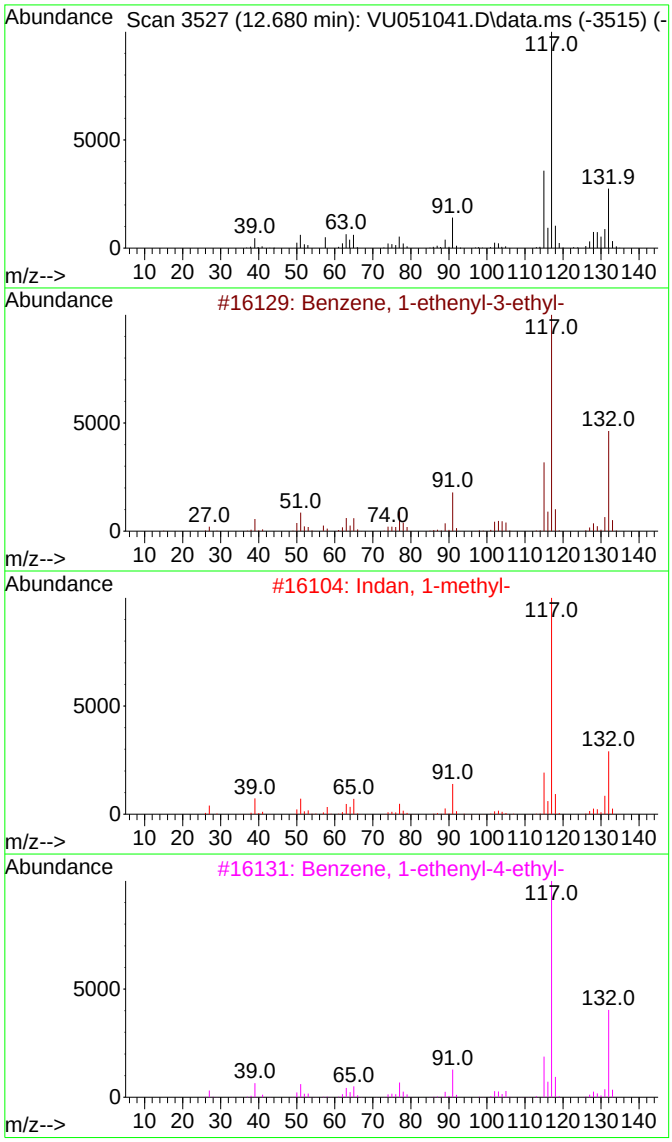
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

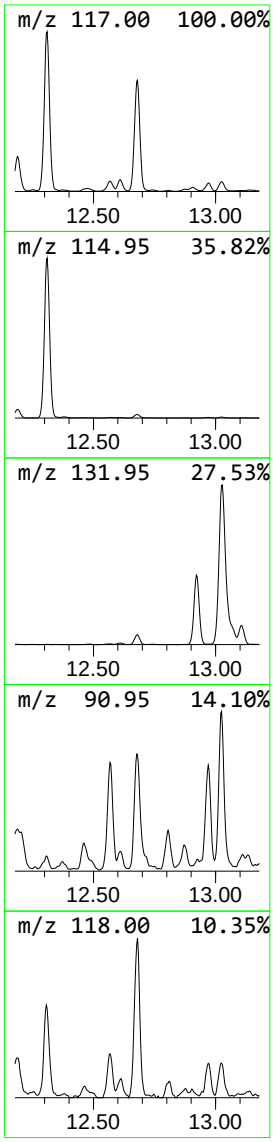
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	23.56 ug/L	549438	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80





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Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

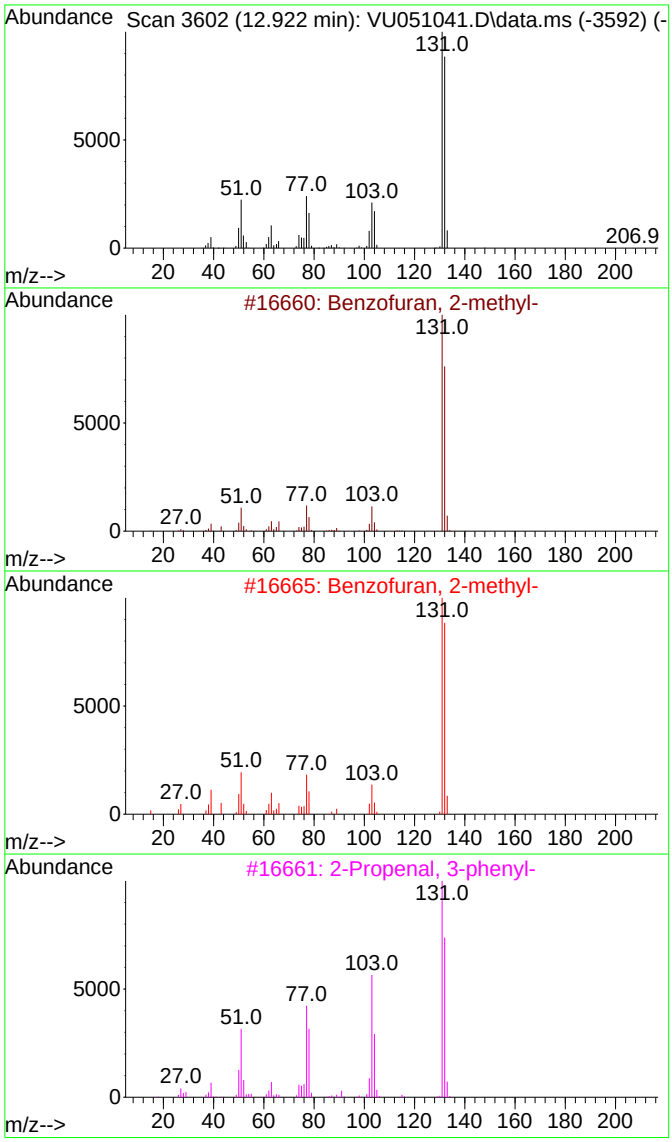
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

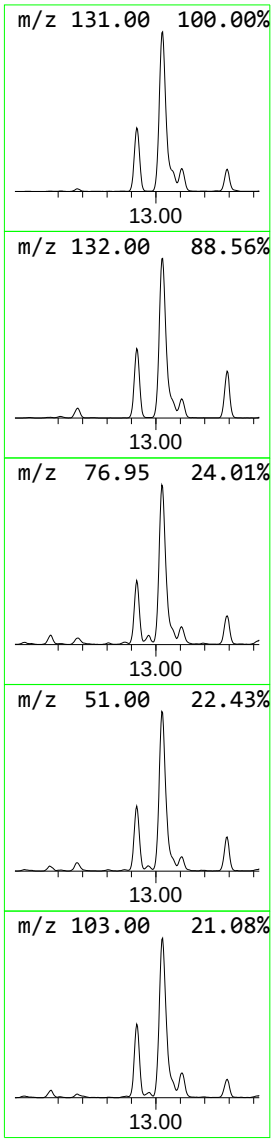
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	56.22 ug/L	1311400	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

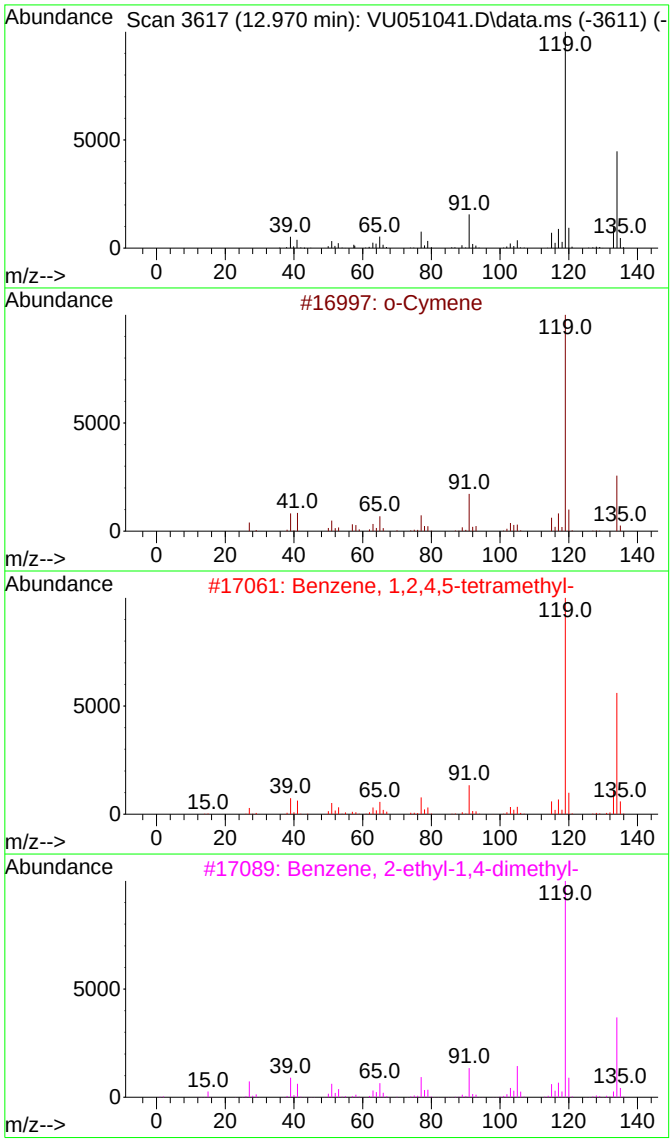
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

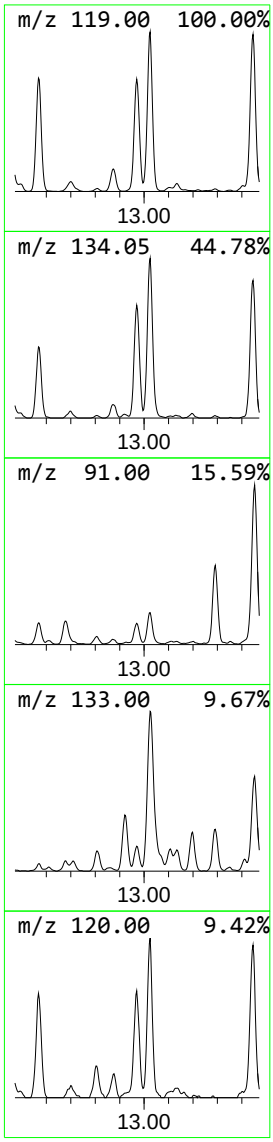
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 o-Cymene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	14.28 ug/L	333183	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

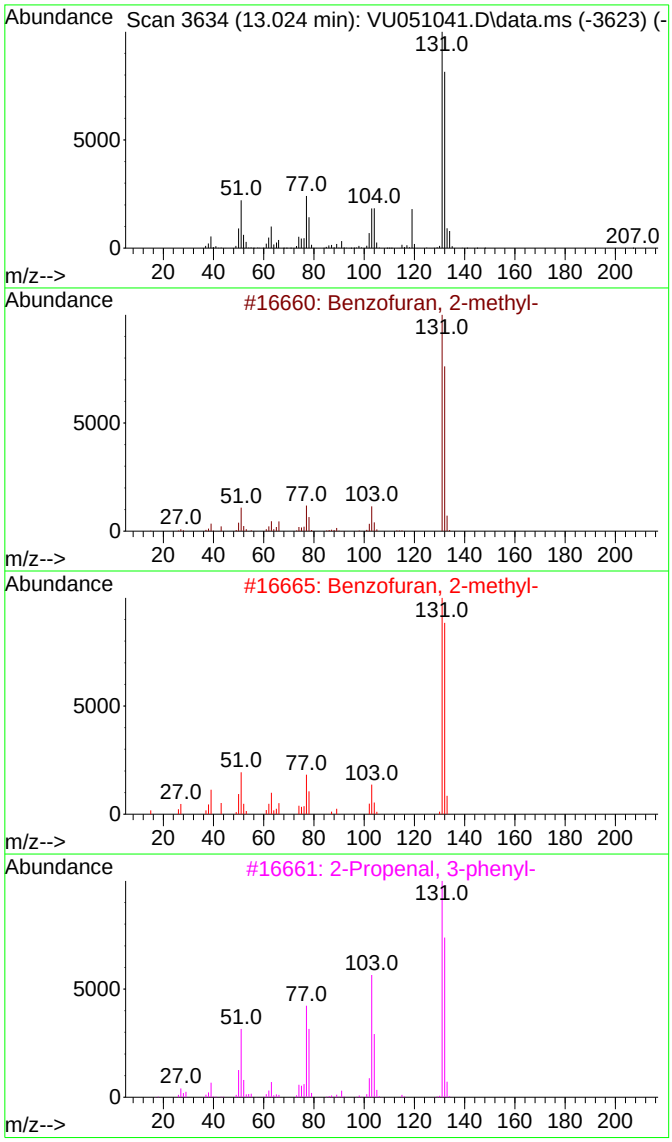
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

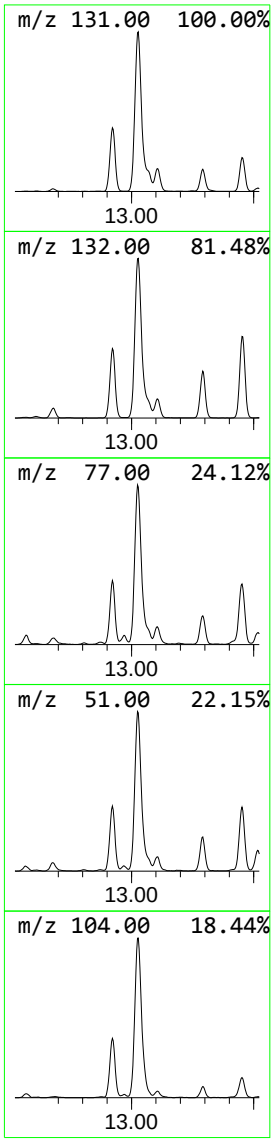
****

Peak Number 16 2-Propenal, 3-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	195.68 ug/L	4564300	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

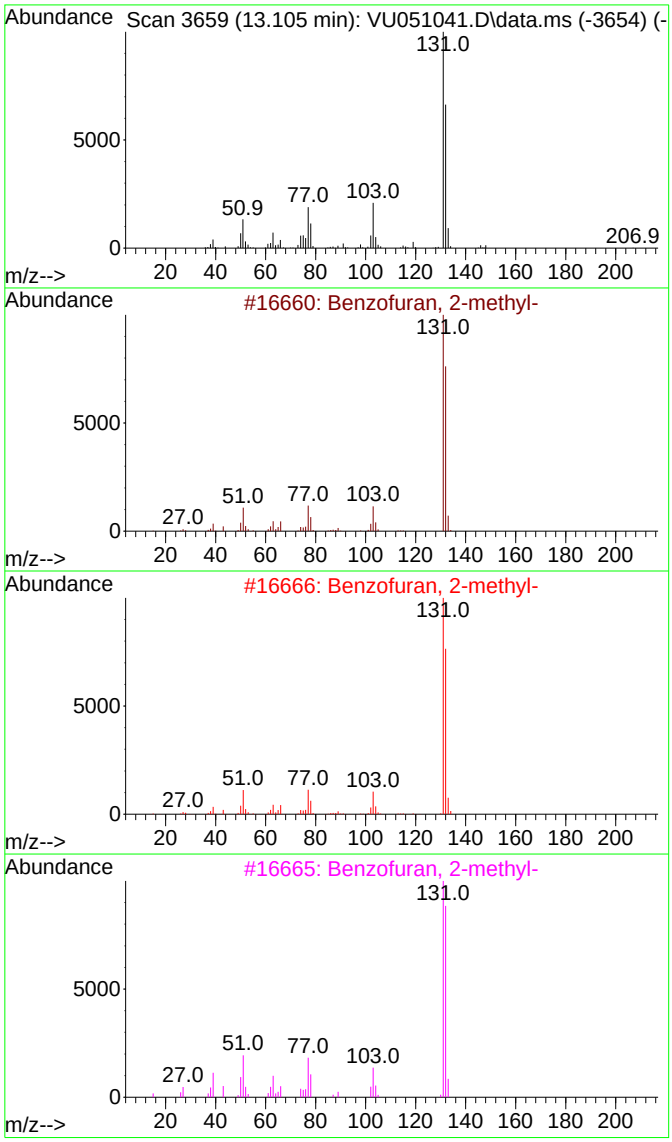
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

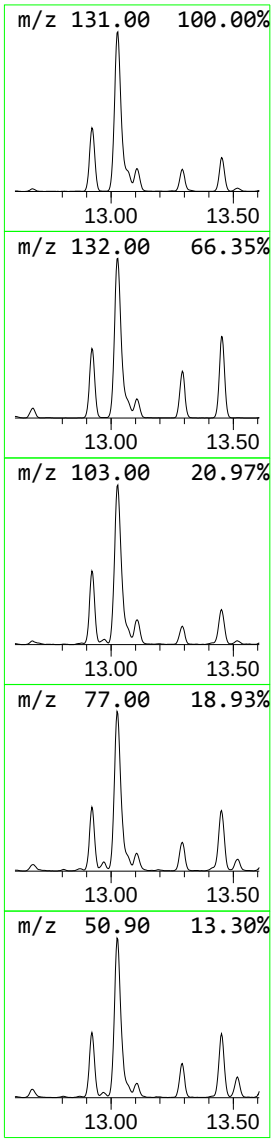
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cinnamaldehyde, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	18.83 ug/L	439173	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

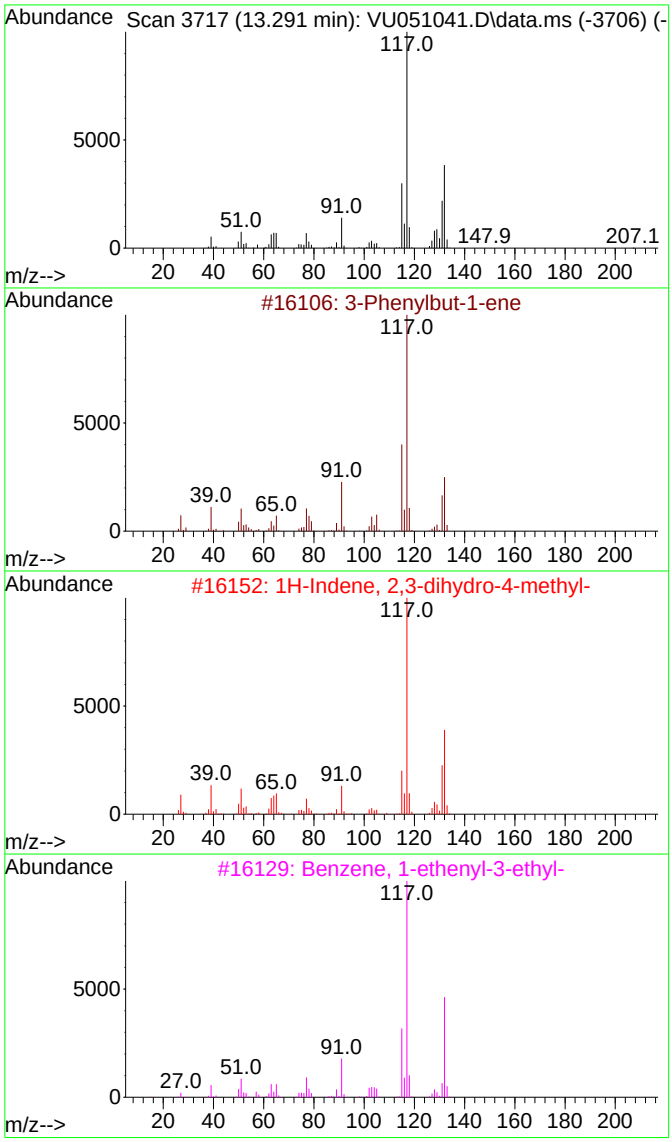
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

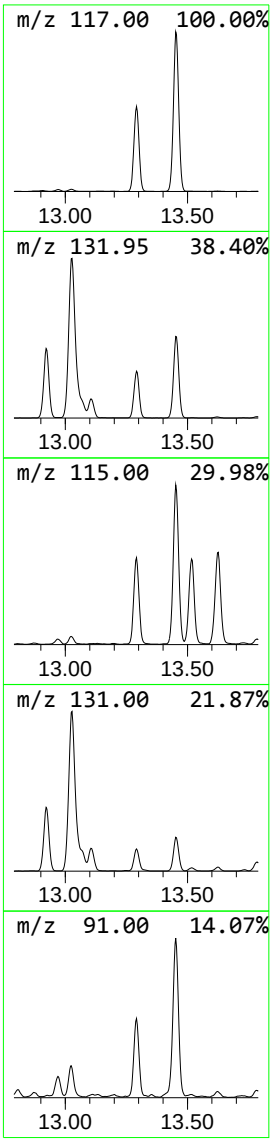
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3-Phenylbut-1-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	72.86 ug/L	1699540	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

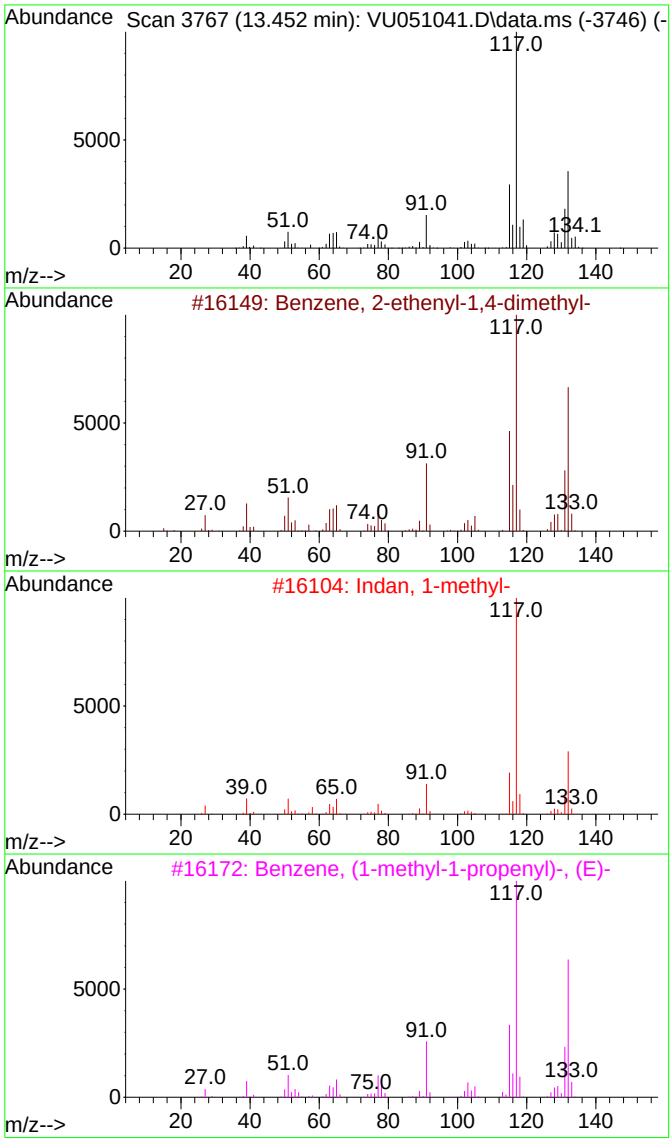
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

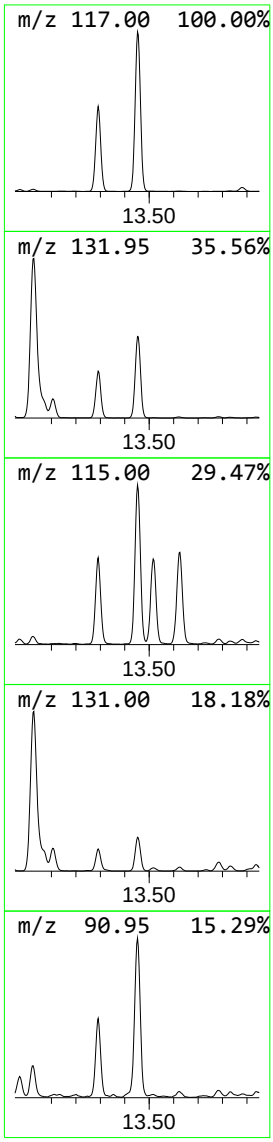
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	154.43 ug/L	3601980	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

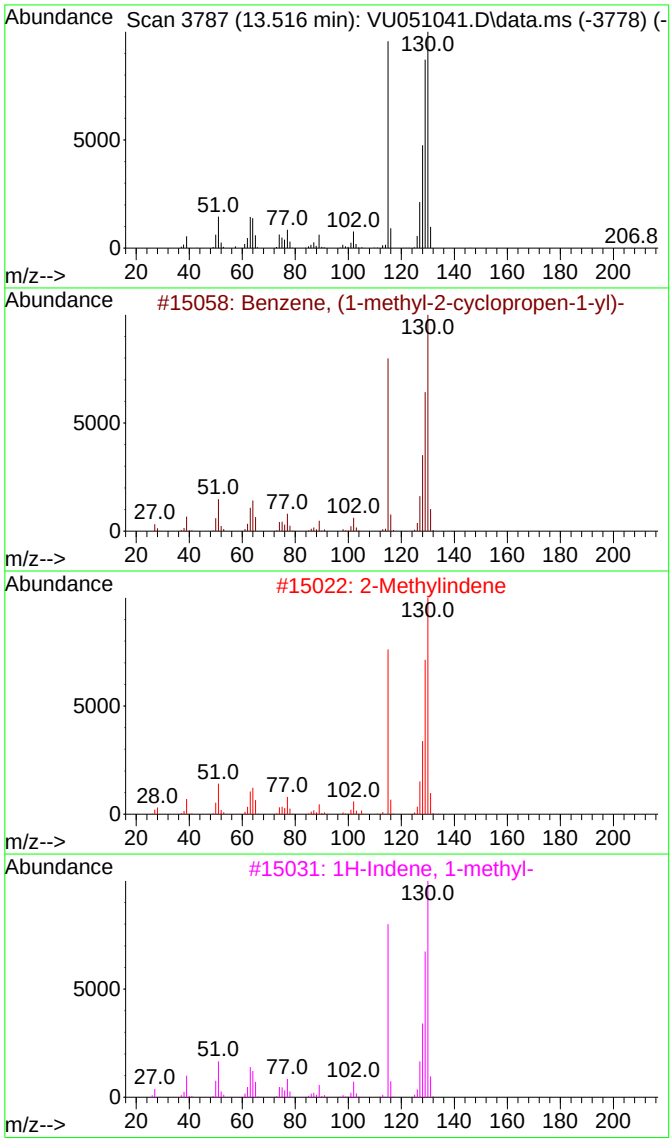
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

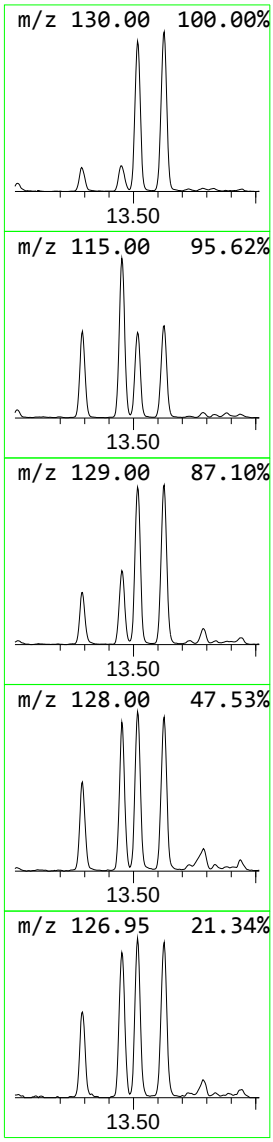
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, (1-methyl-2-cyclop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	37.33 ug/L	870827	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

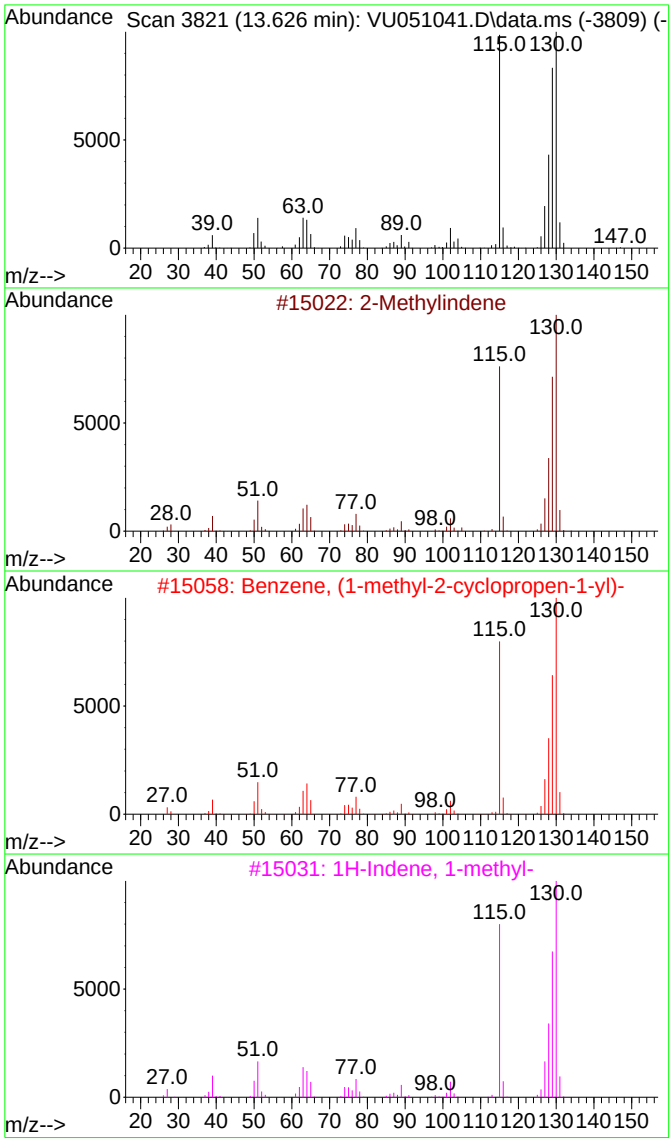
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

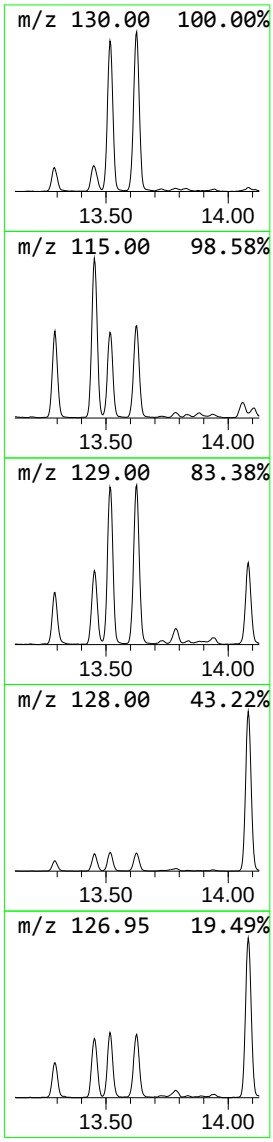
****

Peak Number 21 2-Methylindene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	40.67 ug/L	948516	1,4-Dichlorobenzene-d4	11.809

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	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





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Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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

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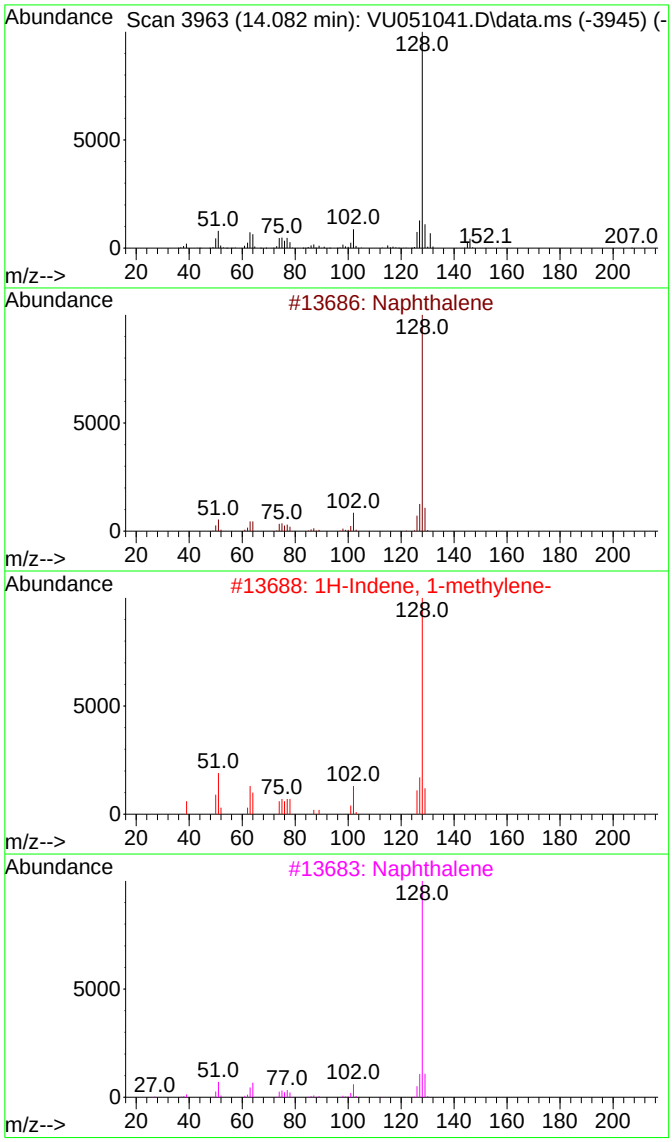
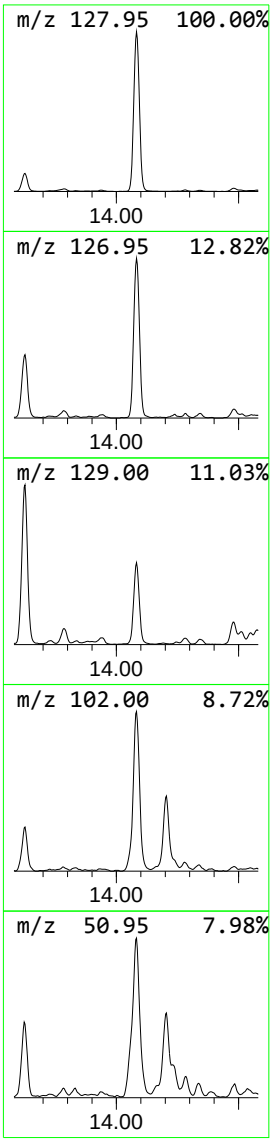
Peak Number 24 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	103.00 ug/L	2402450	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
3	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	90
5	Naphthalene	128	C10H8	000091-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
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Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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

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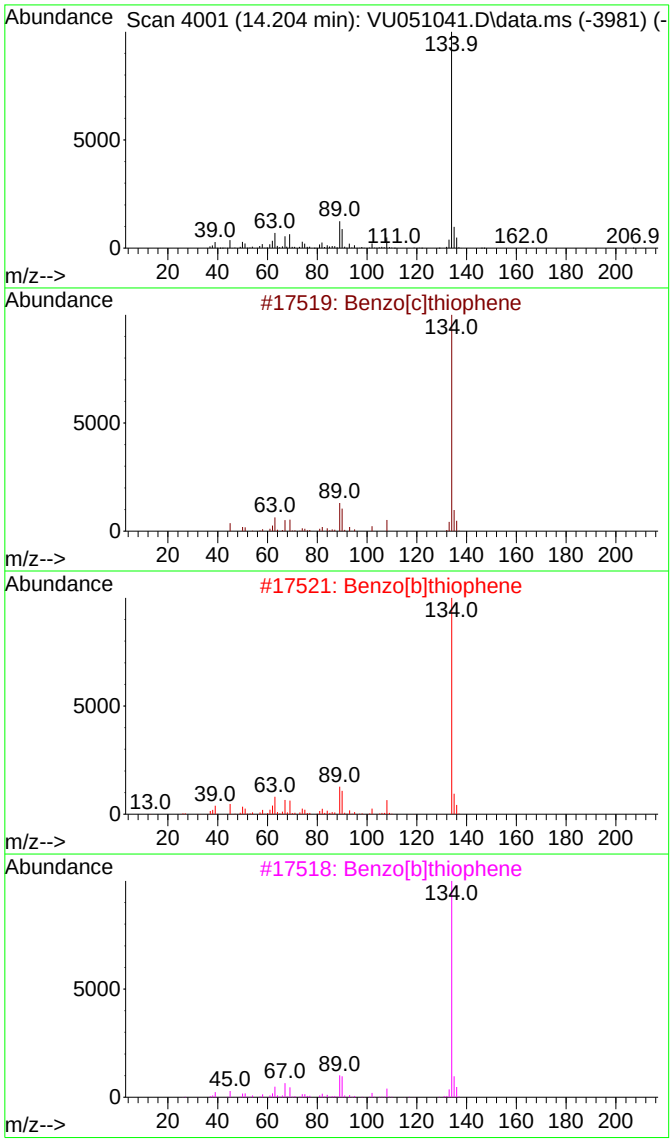
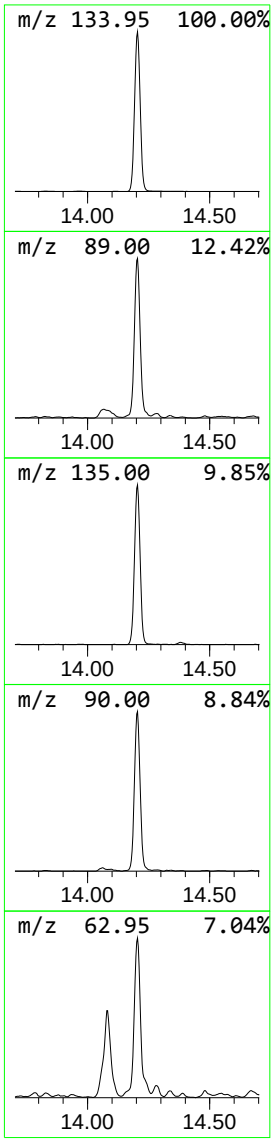
Peak Number 25 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	152.81 ug/L	3564210	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

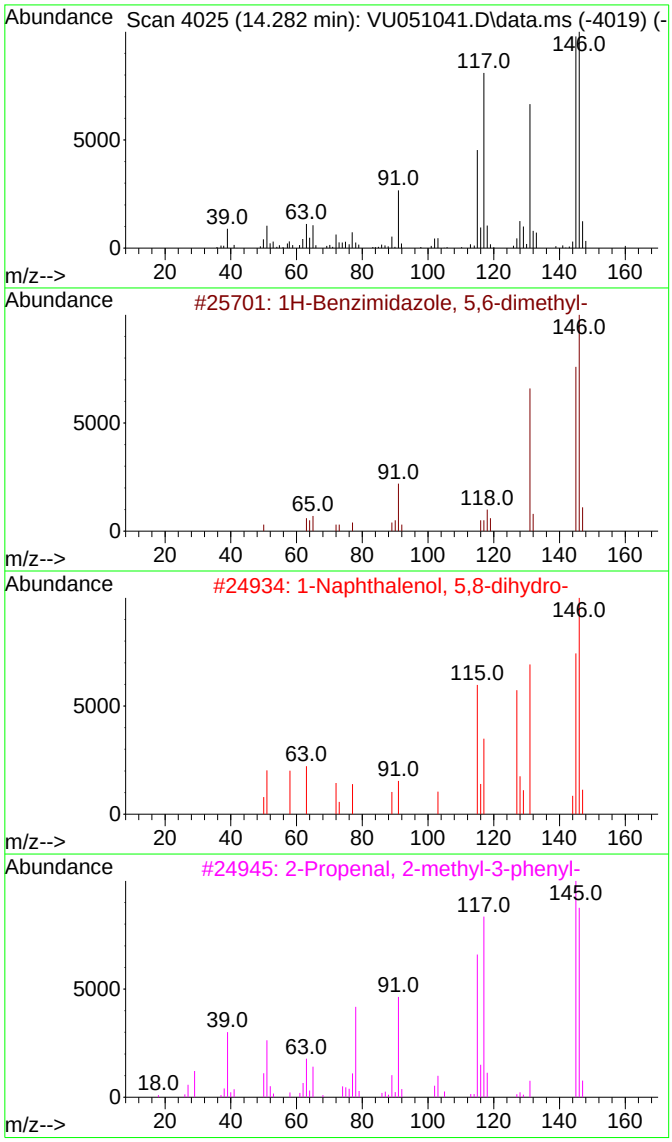
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

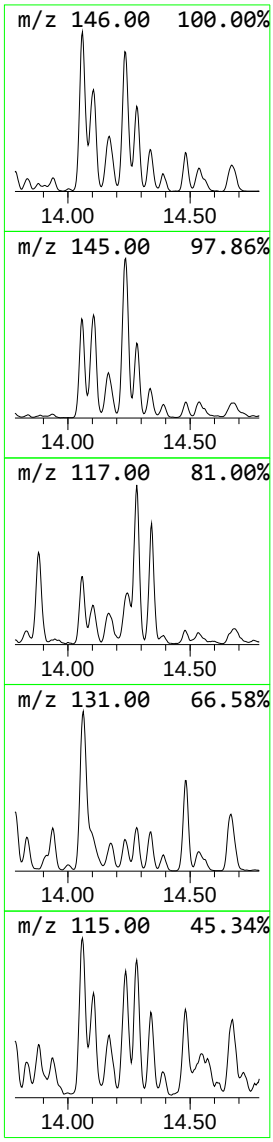
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Benzimidazole, 5,6-dimet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.282	16.13 ug/L	376292	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	90
2	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	81
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	74
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	70
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	70





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Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

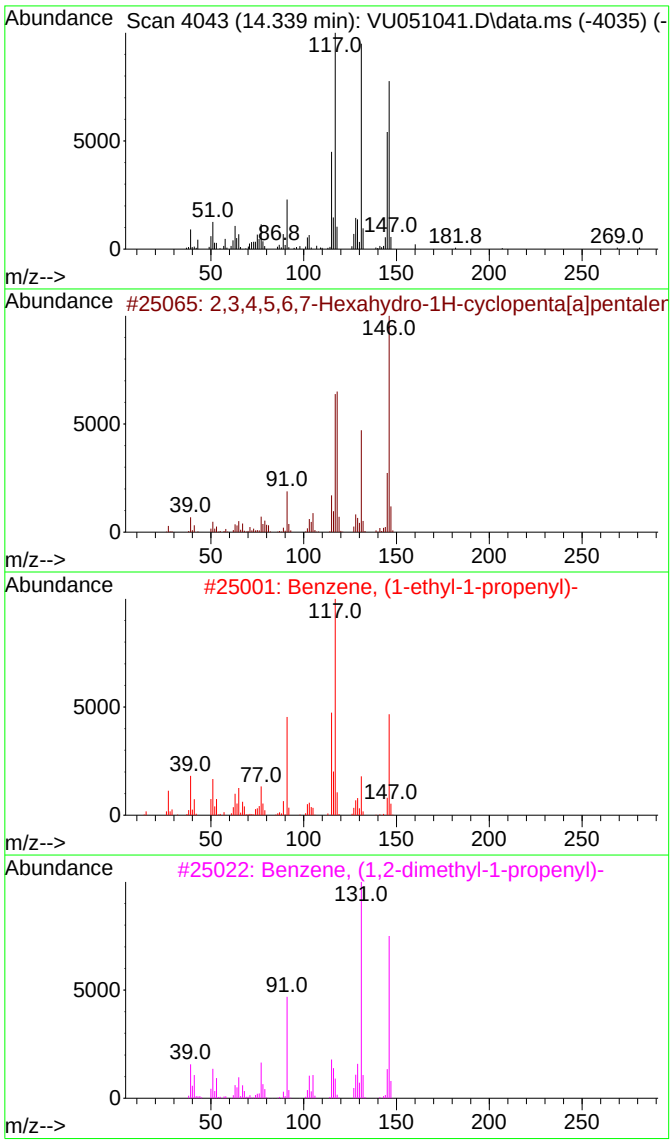
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

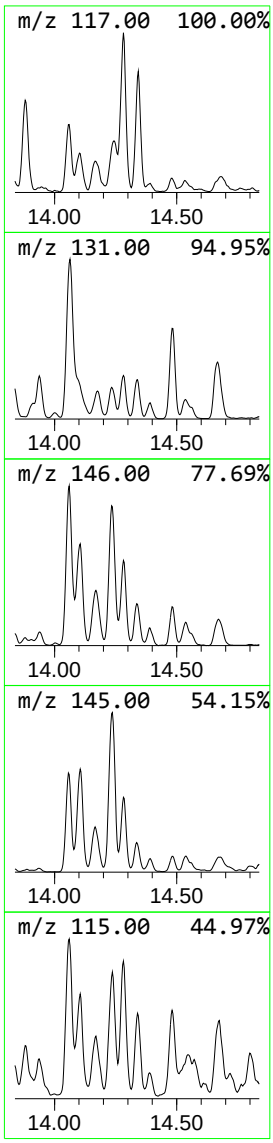
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.339	9.68 ug/L	225723	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	83
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

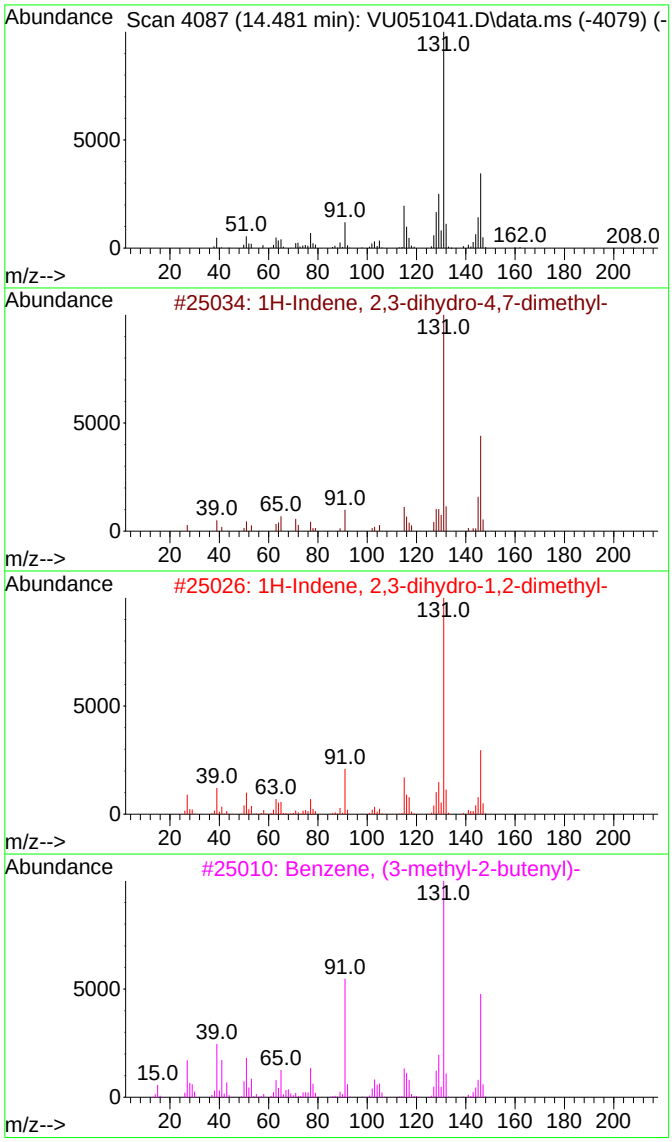
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

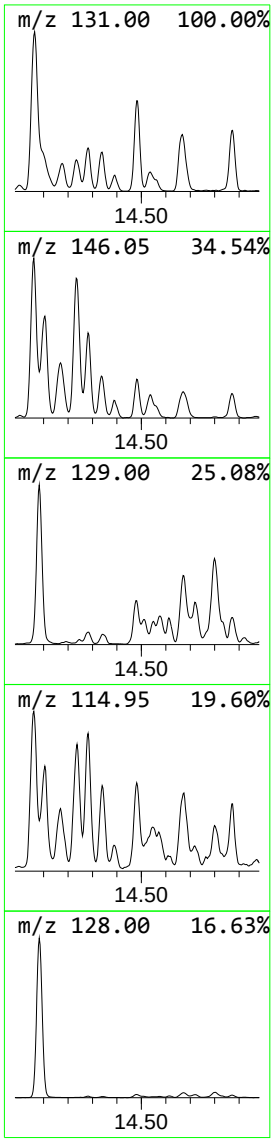
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	10.29 ug/L	240097	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

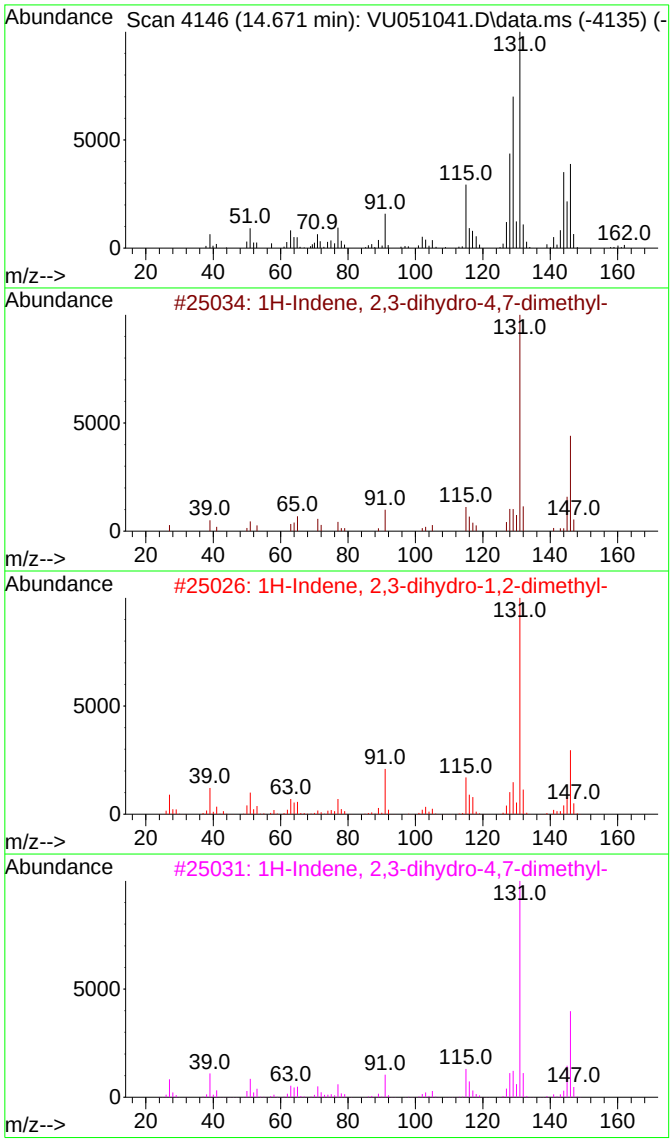
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

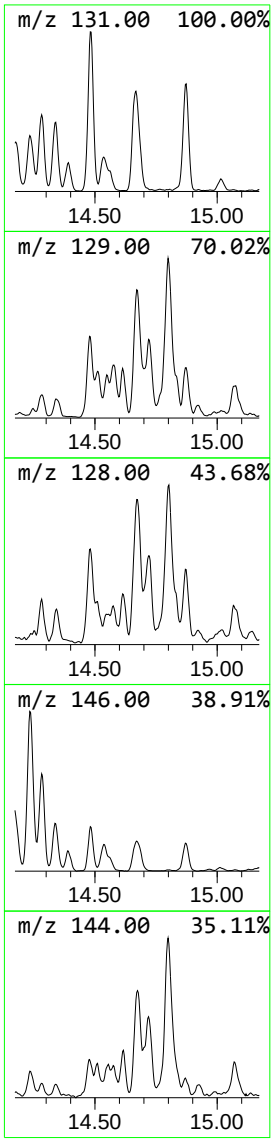
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.671	14.99 ug/L	349633	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	52
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	52
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	49





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Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

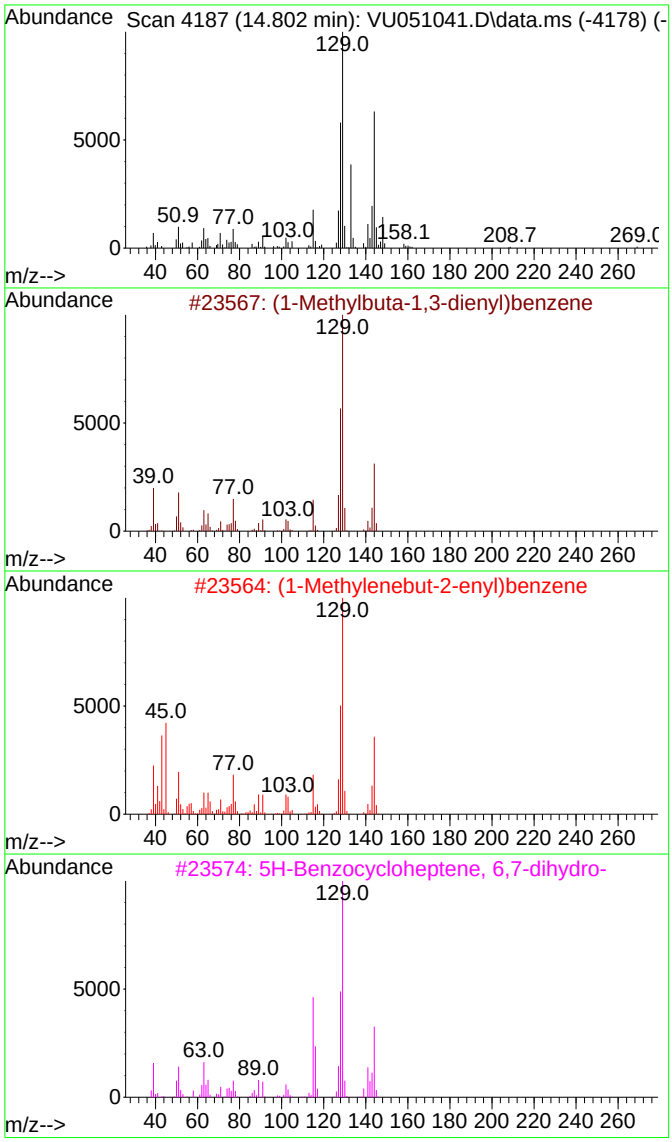
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

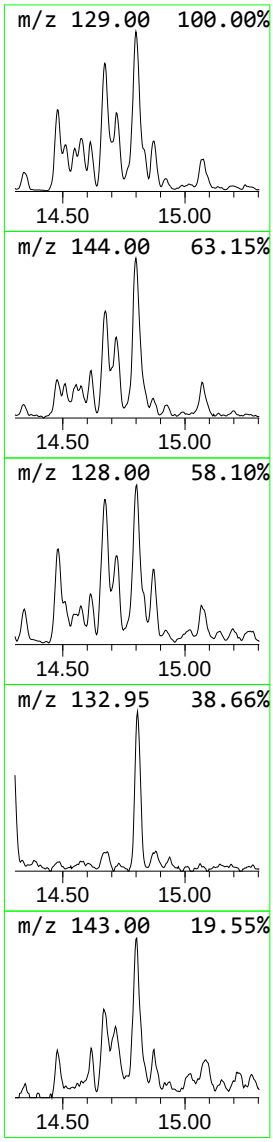
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.803	8.58 ug/L	200162	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	81
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	81
3	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	76
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	76
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

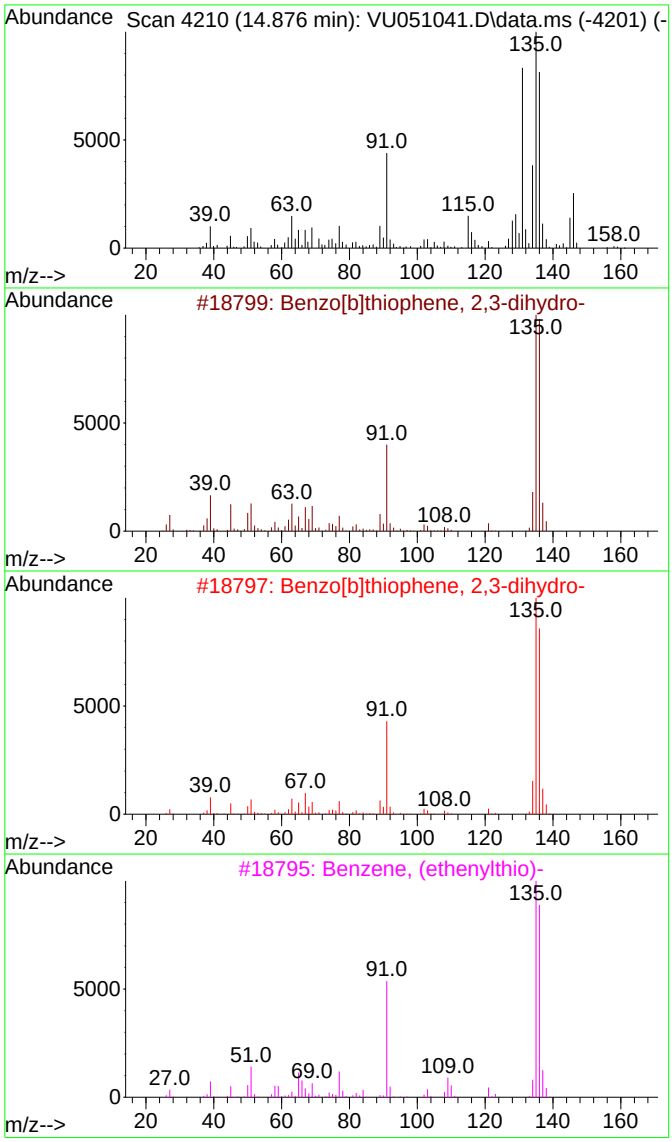
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

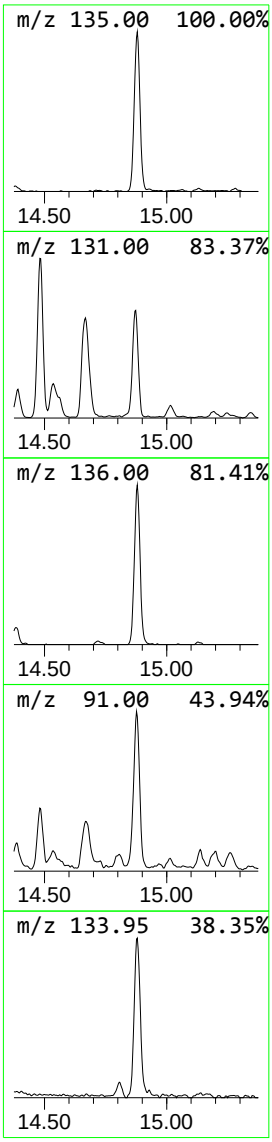
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.876	17.00 ug/L	396537	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	50
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	50
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

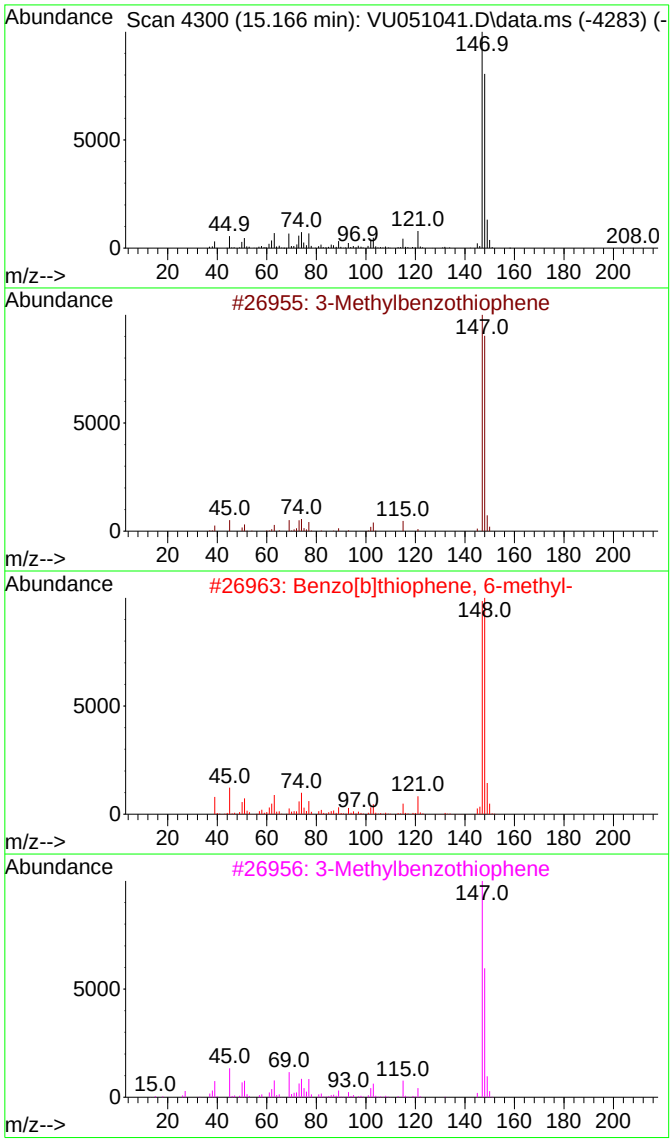
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

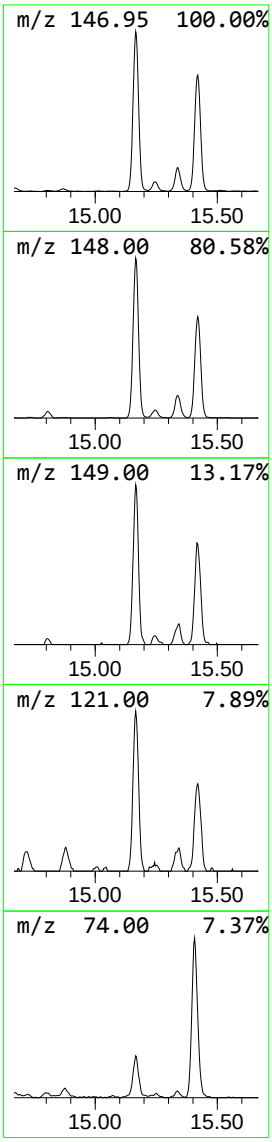
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 3-Methylbenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.166	27.29 ug/L	636477	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
2	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

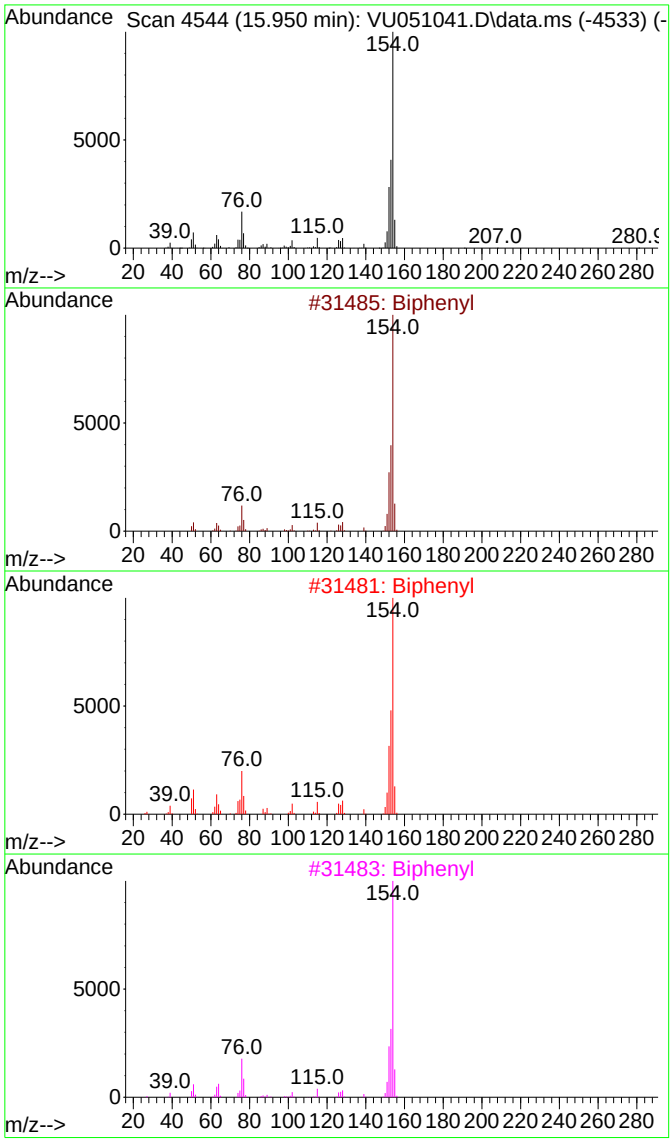
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

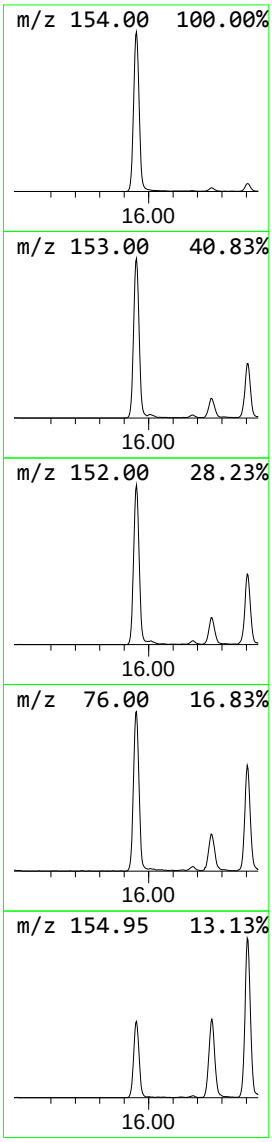
****

Peak Number 36 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.950	65.87 ug/L	1536330	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

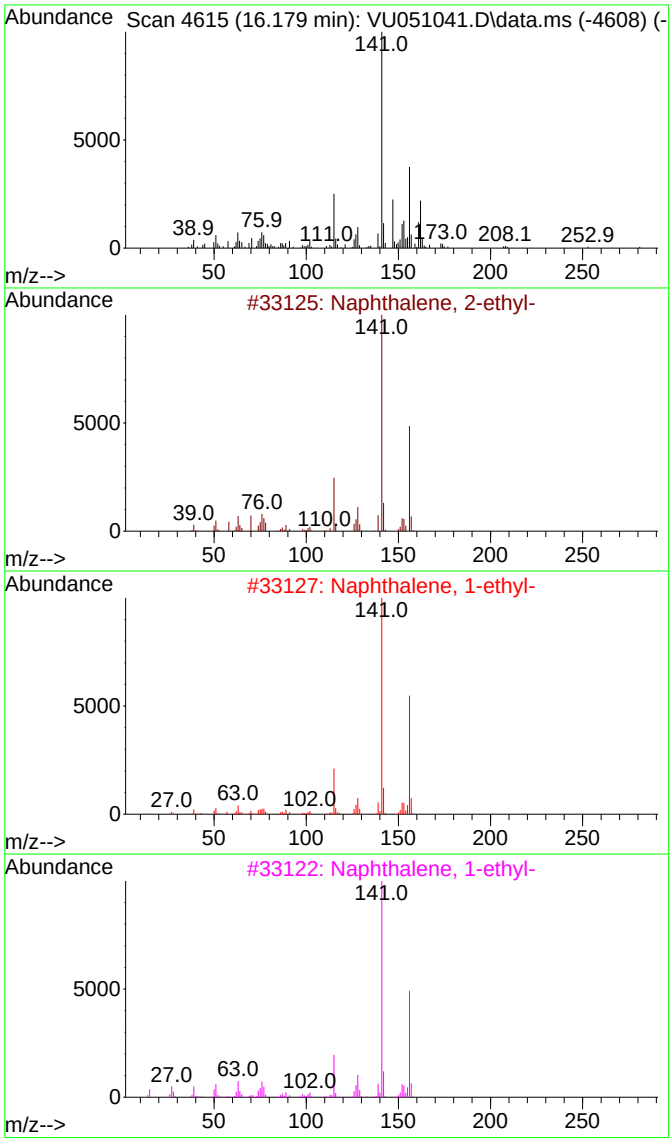
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

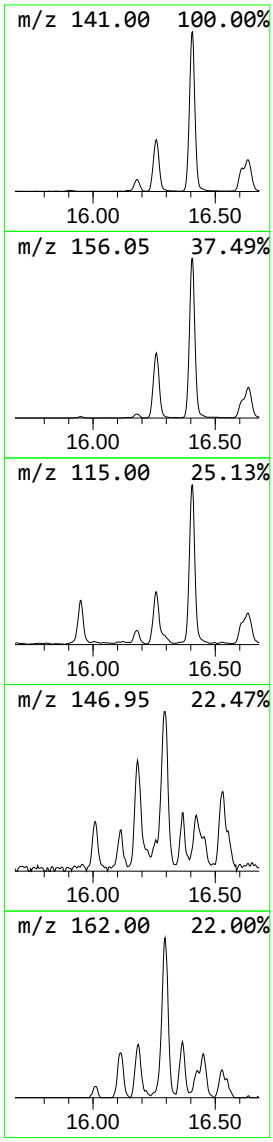
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1-ethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.179	5.85 ug/L	136462	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	92
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

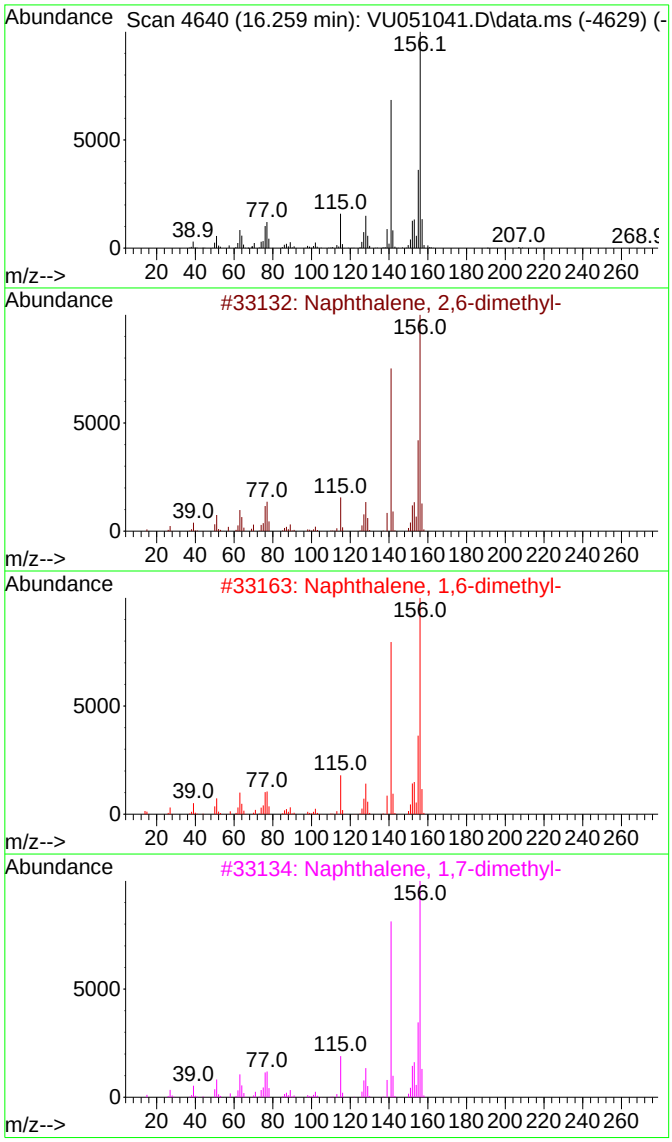
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

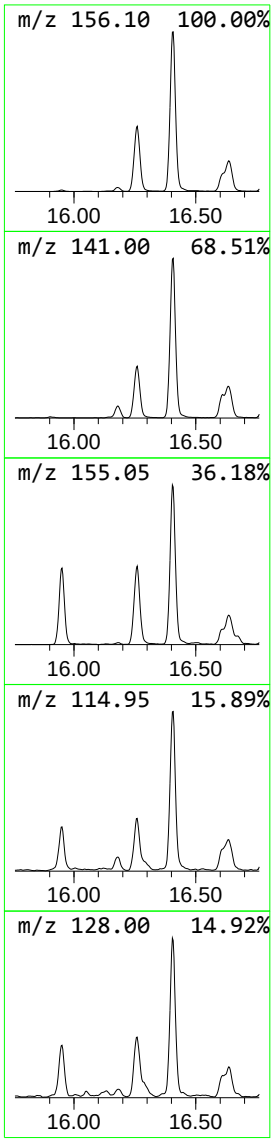
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.259	45.06 ug/L	1051030	1,4-Dichlorobenzene-d4	11.809

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	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
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Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

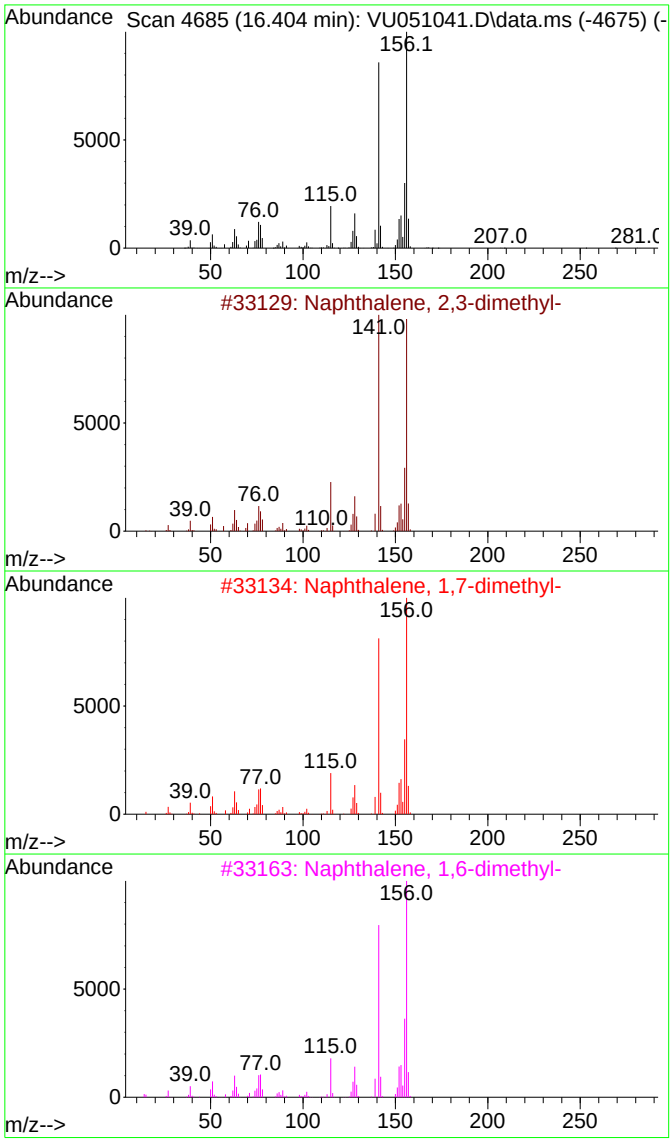
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

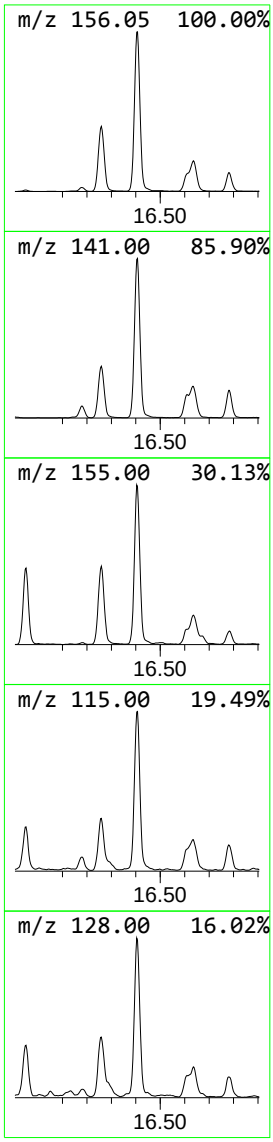
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	96.99 ug/L	2262360	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

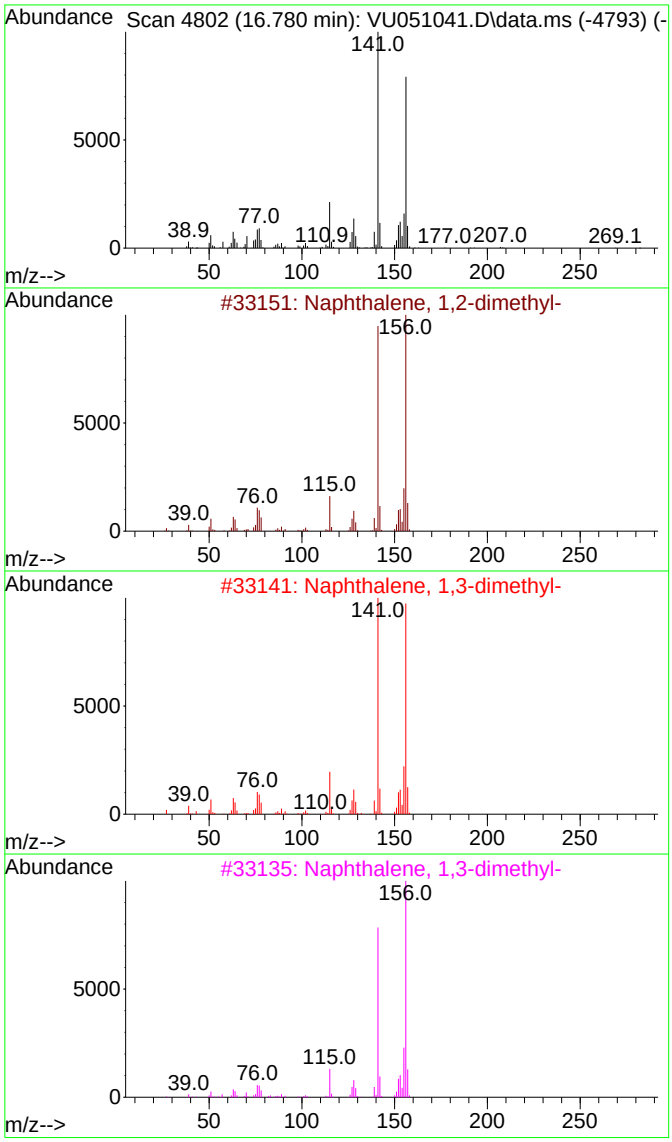
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

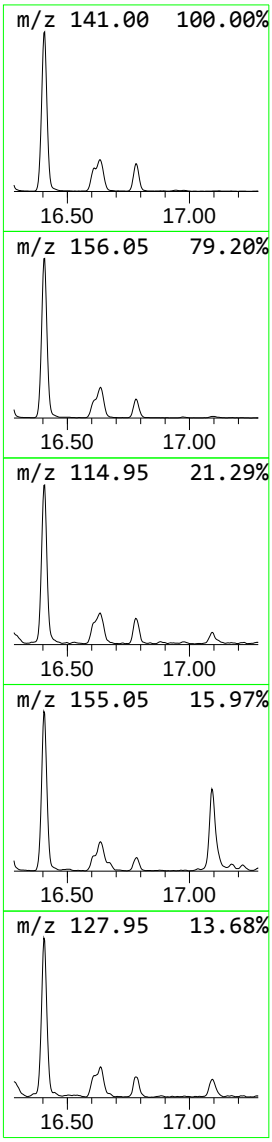
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 1,2-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.780	13.26 ug/L	309402	1,4-Dichlorobenzene-d4	11.809

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

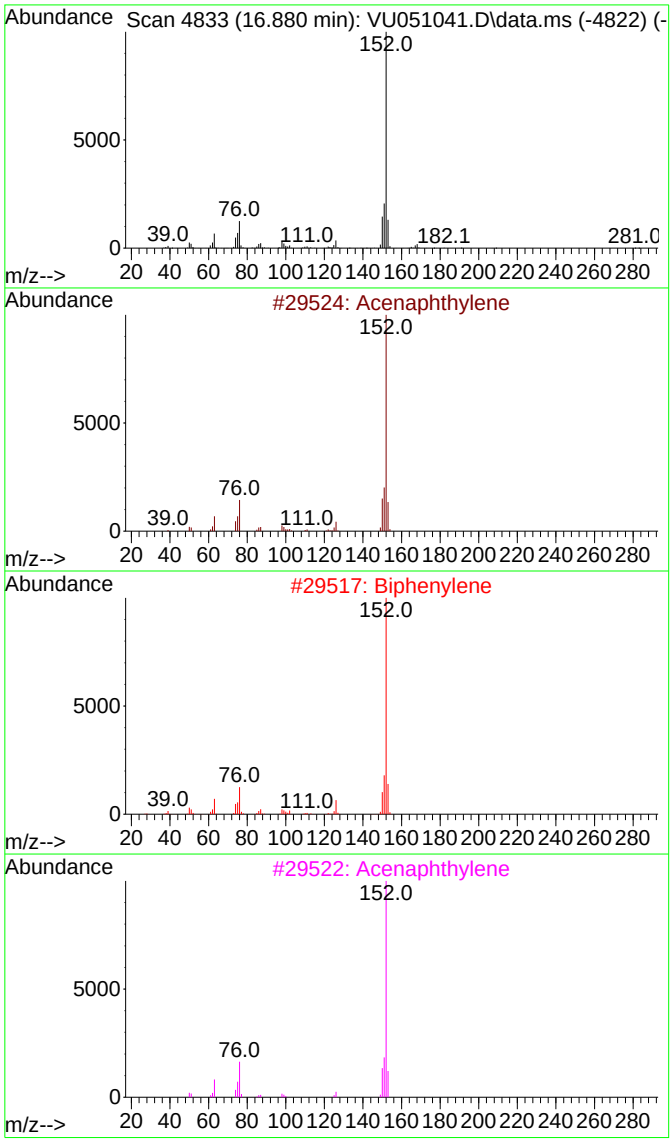
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

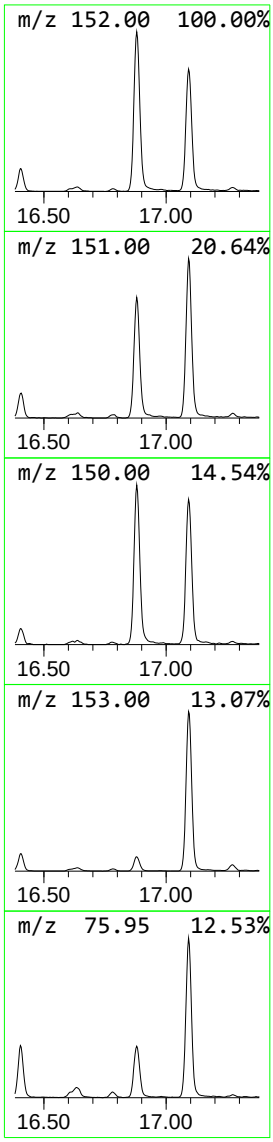
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Biphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	49.76 ug/L	1160730	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	95
2	Biphenylene	152	C12H8	000259-79-0	90
3	Acenaphthylene	152	C12H8	000208-96-8	90
4	Biphenylene	152	C12H8	000259-79-0	90
5	Acenaphthylene	152	C12H8	000208-96-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

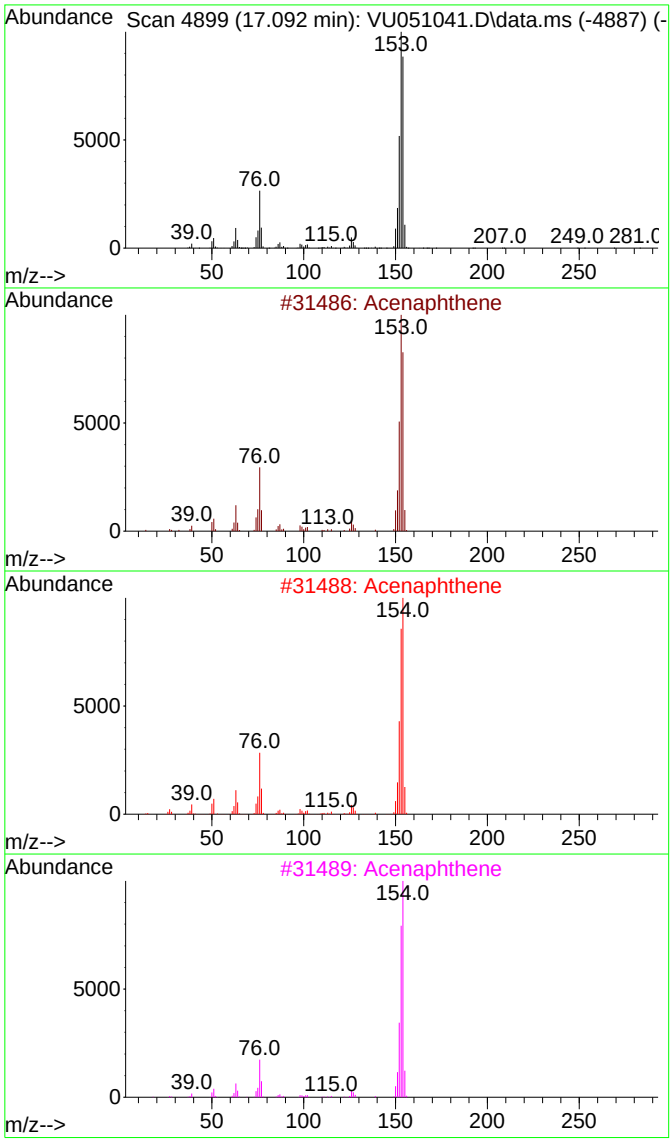
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

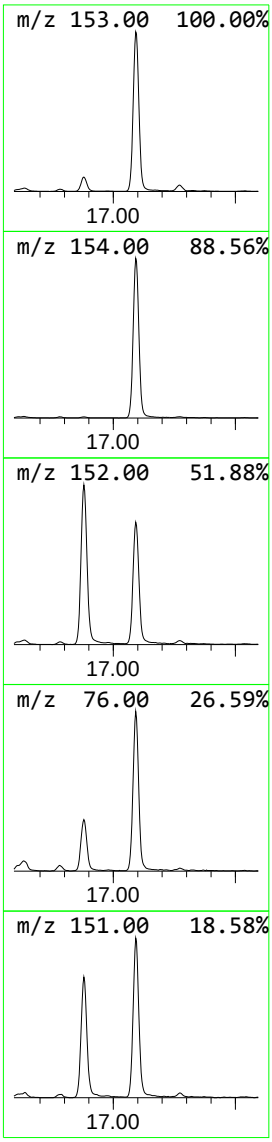
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	120.89 ug/L	2819710	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Acenaphthene	154	C12H10	000083-32-9	92
3	Acenaphthene	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	64
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051041.D
Acq On : 30 Sep 2022 18:07
Operator : JC/MD
Sample : N4859-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10009

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.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-ethy...	11.288	12.2	ug/L	283695	3	11.809	1166250	50.0
Benzene, 1,2,3-...	11.893	38.6	ug/L	900890	3	11.809	1166250	50.0
Indane	12.092	703.9	ug/L	16417500	3	11.809	1166250	50.0
Indene	12.311	312.0	ug/L	7276680	3	11.809	1166250	50.0
Benzene, 2-ethy...	12.568	14.3	ug/L	333733	3	11.809	1166250	50.0
Benzene, 1-ethe...	12.680	23.6	ug/L	549438	3	11.809	1166250	50.0
Benzofuran, 2-m...	12.922	56.2	ug/L	1311400	3	11.809	1166250	50.0
o-Cymene	12.970	14.3	ug/L	333183	3	11.809	1166250	50.0
2-Propenal, 3-p...	13.024	195.7	ug/L	4564300	3	11.809	1166250	50.0
Cinnamaldehyde,...	13.105	18.8	ug/L	439173	3	11.809	1166250	50.0
3-Phenylbut-1-ene	13.291	72.9	ug/L	1699540	3	11.809	1166250	50.0
Benzene, 2-ethe...	13.452	154.4	ug/L	3601980	3	11.809	1166250	50.0
Benzene, (1-met...	13.516	37.3	ug/L	870827	3	11.809	1166250	50.0
2-Methylindene	13.626	40.7	ug/L	948516	3	11.809	1166250	50.0
Azulene	14.082	103.0	ug/L	2402450	3	11.809	1166250	50.0
Benzo[c]thiophene	14.204	152.8	ug/L	3564210	3	11.809	1166250	50.0
1H-Benzimidazol...	14.282	16.1	ug/L	376292	3	11.809	1166250	50.0
2,3,4,5,6,7-Hex...	14.339	9.7	ug/L	225723	3	11.809	1166250	50.0
1H-Indene, 2,3-...	14.481	10.3	ug/L	240097	3	11.809	1166250	50.0
1H-Indene, 2,3-...	14.671	15.0	ug/L	349633	3	11.809	1166250	50.0
(1-Methylbuta-1...	14.803	8.6	ug/L	200162	3	11.809	1166250	50.0
Benzo[b]thiophe...	14.876	17.0	ug/L	396537	3	11.809	1166250	50.0
3-Methylbenzoth...	15.166	27.3	ug/L	636477	3	11.809	1166250	50.0
unknown-01	15.950	65.9	ug/L	1536330	3	11.809	1166250	50.0
Naphthalene, 1-...	16.179	5.8	ug/L	136462	3	11.809	1166250	50.0
Naphthalene, 2,...	16.259	45.1	ug/L	1051030	3	11.809	1166250	50.0
Naphthalene, 2,...	16.404	97.0	ug/L	2262360	3	11.809	1166250	50.0
Naphthalene, 1,...	16.780	13.3	ug/L	309402	3	11.809	1166250	50.0
Biphenylene	16.880	49.8	ug/L	1160730	3	11.809	1166250	50.0
Naphthalene, 2-...	17.092	120.9	ug/L	2819710	3	11.809	1166250	50.0