LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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: VU051201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	91	rBV	216906	236720	2.80%	0.552%
2	1.903	167	175	193	rVB	175266	230939	2.73%	0.538%
3	2.562	368	380	398	rBV	285142	468673	5.54%	1.093%
4	3.044	514	530	533	rBV6	9534	17955	0.21%	0.042%
5	3.356	608	627	642	rBV3	16286	37199	0.44%	0.087%
6	3.694	724	732	746	rVV7	2622	5552	0.07%	0.013%
7	4.285	908	916	919	rBV4	1747	2440	0.03%	0.006%
8	4.430	944	961	976	rBV4	27482	67979	0.80%	0.158%
9	4.530	976	992	1006	rBV4	16422	39107	0.46%	0.091%
10	4.623	1009	1021	1047	rBV	130306	334895	3.96%	0.781%
11	5.060	1141	1157	1194	rVV	279661	617195	7.30%	1.439%
12	5.372	1240	1254	1267	rBV7	20059	53513	0.63%	0.125%
13	5.459	1267	1281	1302	rVB	121074	284111	3.36%	0.662%
14	5.587	1309	1321	1343	rBV2	31663	72342	0.86%	0.169%
15	5.723	1343	1363	1383	rBV2	561509	1521922	18.00%	3.548%
16	5.848	1393	1402	1406	rBV2	23496	41289	0.49%	0.096%
17	5.896	1408	1417	1435	rVV	150650	355066	4.20%	0.828%
18	5.986	1438	1445	1462	rVB5	16737	35752	0.42%	0.083%
19	6.247	1512	1526	1558	rBV	480972	942297	11.14%	2.197%
20	6.536	1603	1616	1632	rBV	6636	18384	0.22%	0.043%
21	6.690	1648	1664	1694	rBV	363316	807738	9.55%	1.883%
22	6.864	1709	1718	1727	rVB3	12381	20308	0.24%	0.047%
23	6.922	1730	1736	1745	rVB3	5258	8024	0.09%	0.019%
24	6.980	1745	1754	1764	rVB5	11101	21137	0.25%	0.049%
25	7.070	1772	1782	1796	rVB7	8355	16171	0.19%	0.038%
26	7.160	1796	1810	1813	rBV6	5972	9859	0.12%	0.023%
27	7.253	1826	1839	1856	rVB2	86588	169874	2.01%	0.396%
28	7.333	1856	1864	1866	rBV5	2029	2687	0.03%	0.006%
29	7.378	1866	1878	1902	rVB4	95710	228634	2.70%	0.533%
30	7.565	1922	1936	1950	rBV	167468	304109	3.60%	0.709%
31	7.767	1990	1999	2010	rVB9	7802	16400	0.19%	0.038%
32	7.896	2010	2039	2053	rBV	633228	1134351	13.41%	2.645%
33	7.967	2054	2061	2071	rVB	36162	60323	0.71%	0.141%
34	8.179	2114	2127	2140	rBV	113733	194830	2.30%	0.454%
35	8.369	2170	2186	2192	rBV2	15601	31519	0.37%	0.073%
36	8.407	2194	2198	2214	rVB2	15039	23822	0.28%	0.056%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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	8.478	2214	2220	2234	rVB9	5625	10660	0.13%	0.025%
38	8.552	2234	2243	2251	rBV4	9147	14973	0.18%	0.035%
39	8.636	2256	2269	2300	rBV4	302868	767284	9.07%	1.789%
40	8.996	2377	2381	2387	rVB6	1729	1932	0.02%	0.005%
41	9.073	2394	2405	2414	rBV9	4735	8146	0.10%	0.019%
42	9.163	2427	2433	2434	rBV3	2147	1918	0.02%	0.004%
43	9.333	2476	2486	2497	rVB9	7176	13611	0.16%	0.032%
44	9.417	2498	2512	2526	rBV	700722	1157751	13.69%	2.699%
45	9.568	2549	2559	2577	rVB	136784	220012	2.60%	0.513%
46	9.693	2589	2598	2615	rVB	48932	81798	0.97%	0.191%
47	9.809	2630	2634	2642	rVB7	2087	2768	0.03%	0.006%
48	10.025	2693	2701	2708	rVV9	3113	5390	0.06%	0.013%
49	10.099	2712	2724	2736	rVV2	32028	53394	0.63%	0.124%
50	10.250	2767	2771	2773	rBV3	2381	2029	0.02%	0.005%
51	10.481	2831	2843	2857	rBV	174796	282973	3.35%	0.660%
52	10.671	2895	2902	2905	rBV6	2200	3031	0.04%	0.007%
53	10.754	2916	2928	2948	rVB	523960	842295	9.96%	1.964%
54	10.854	2952	2959	2963	rBV7	5171	7611	0.09%	0.018%
55	10.906	2963	2975	2992	rVV	560781	887317	10.49%	2.069%
56	11.021	2994	3011	3023	rVV	425228	771198	9.12%	1.798%
57	11.086	3024	3031	3044	rVB	40458	66070	0.78%	0.154%
58	11.291	3081	3095	3114	rBV	1630490	2513804	29.73%	5.861%
59	11.465	3136	3149	3166	rBV	5702446	8456193	100.00%	19.715%
60	11.610	3185	3194	3198	rBV	50551	76320	0.90%	0.178%
61	11.742	3224	3235	3243	rBV	45624	69239	0.82%	0.161%
62	11.809	3243	3256	3270	rBV	718267	1173361	13.88%	2.736%
63	11.893	3271	3282	3296	rVV	1094610	1660108	19.63%	3.870%
64	12.005	3310	3317	3327	rVB2	16883	25832	0.31%	0.060%
65	12.095	3329	3345	3361	rBV3	886764	1449905	17.15%	3.380%
66	12.189	3361	3374	3398	rVB4	914973	1736360	20.53%	4.048%
67	12.298	3399	3408	3419	rVB2	79471	126772	1.50%	0.296%
68	12.375	3421	3432	3447	rBV	257629	422818	5.00%	0.986%
69	12.465	3448	3460	3464	rBV	520489	800468	9.47%	1.866%
70	12.568	3481	3492	3501	rBV	972849	1440349	17.03%	3.358%
71	12.680	3515	3527	3547	rBV2	576617	1099792	13.01%	2.564%
72	12.873	3576	3587	3599	rVB	187185	301662	3.57%	0.703%
73	12.970	3601	3617	3625	rBV	601025	926718	10.96%	2.161%
74	13.024	3625	3634	3650	rVB	810295	1224086	14.48%	2.854%
75	13.108	3650	3660	3681	rVB4	68398	181409	2.15%	0.423%
76	13.198	3682	3688	3691	rBV3	11862	14825	0.18%	0.035%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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	13.250	3699	3704	3708	rBV	28780	34192	0.40%	0.080%
78	13.291	3708	3717	3731	rVB	412703	631560	7.47%	1.472%
79	13.407	3744	3753	3757	rBV3	67038	107568	1.27%	0.251%
80	13.452	3757	3767	3781	rVB2	1090450	1815993	21.48%	4.234%
81	13.623	3812	3820	3837	rVB3	150957	255193	3.02%	0.595%
82	13.732	3843	3854	3861	rBV4	74745	132240	1.56%	0.308%
83	13.783	3862	3870	3878	rBV	141892	230569	2.73%	0.538%
84	13.835	3878	3886	3902	rVB4	195157	392631	4.64%	0.915%
85	13.909	3904	3909	3912	rBV2	50075	57258	0.68%	0.133%
86	14.082	3953	3963	3986	rVB	253940	461831	5.46%	1.077%
87	14.188	3989	3996	4011	rVB3	41402	74423	0.88%	0.174%
88	14.285	4015	4026	4036	rBV3	79868	151083	1.79%	0.352%
89	14.343	4037	4044	4055	rVB2	77539	116934	1.38%	0.273%
90	14.484	4077	4088	4102	rBV	120199	195091	2.31%	0.455%
91	14.668	4134	4145	4170	rBV4	118579	281152	3.32%	0.655%
92	14.806	4180	4188	4198	rBV	43745	72131	0.85%	0.168%
93	14.873	4201	4209	4222	rVB2	72326	120865	1.43%	0.282%
94	15.015	4244	4253	4266	rBV5	30348	53125	0.63%	0.124%
95	15.169	4292	4301	4305	rBV	12405	19805	0.23%	0.046%
96	15.343	4345	4355	4364	rBV	5209	9542	0.11%	0.022%
97	15.410	4364	4376	4388	rBV	177643	313340	3.71%	0.731%
98	15.925	4530	4536	4544	rBV7	5625	7694	0.09%	0.018%
99	16.269	4637	4643	4650	rBV8	3983	6662	0.08%	0.016%
100	16.410	4680	4687	4693	rBV5	10360	16291	0.19%	0.038%

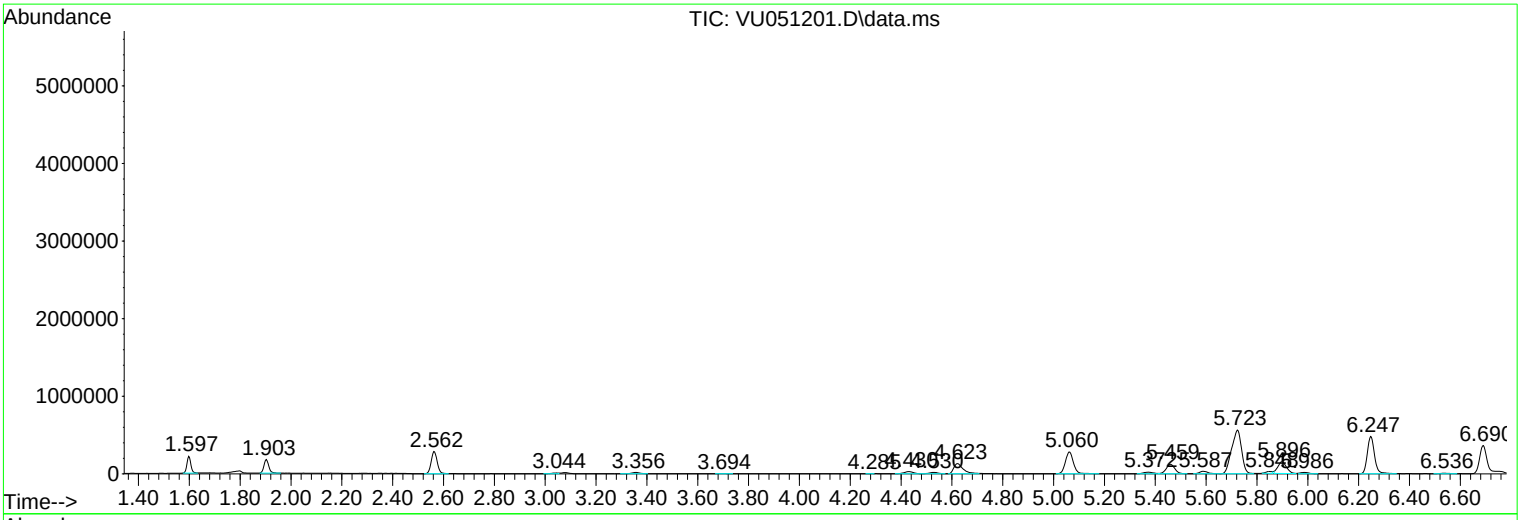
Sum of corrected areas: 42892471

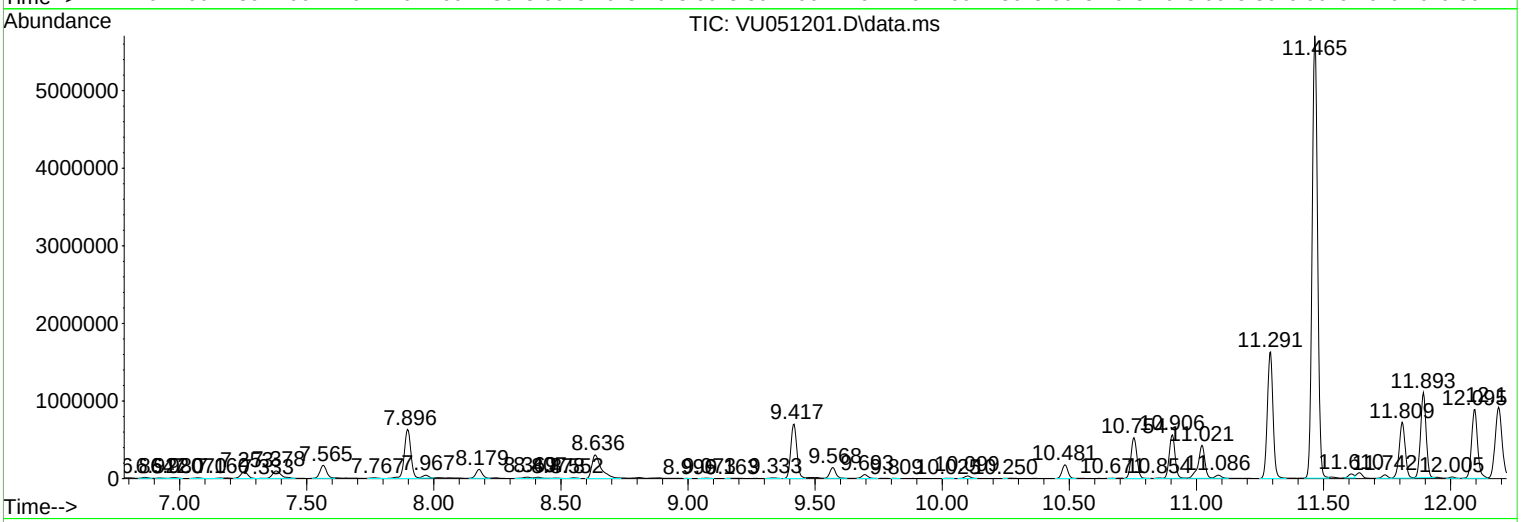
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

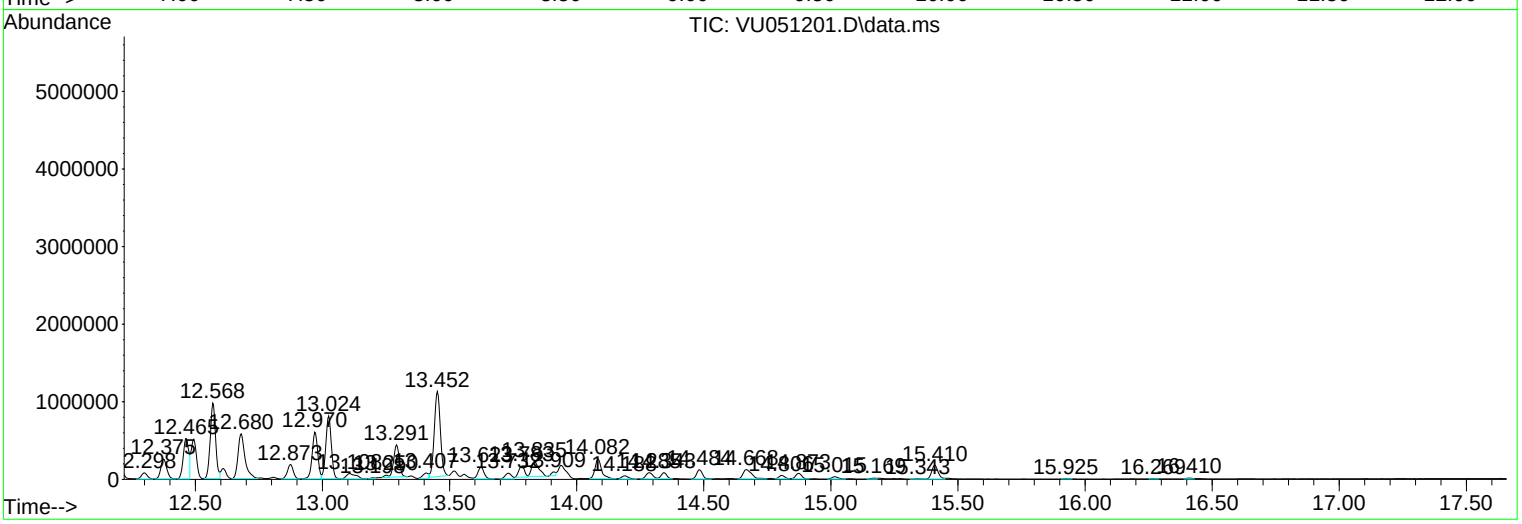
Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

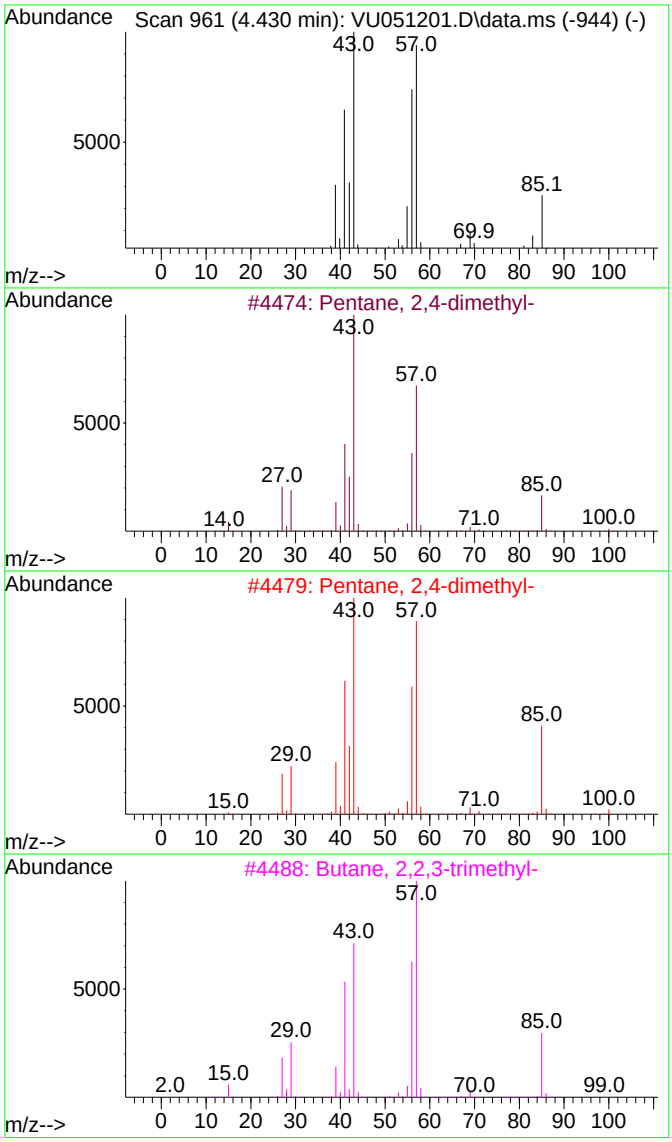
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

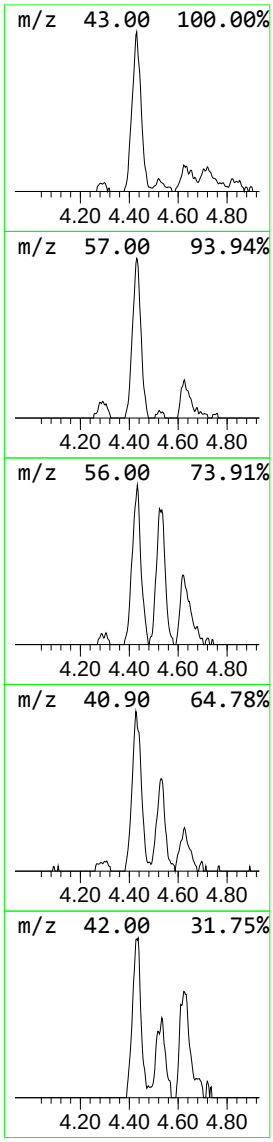
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.430	3.61 ug/L	67979	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

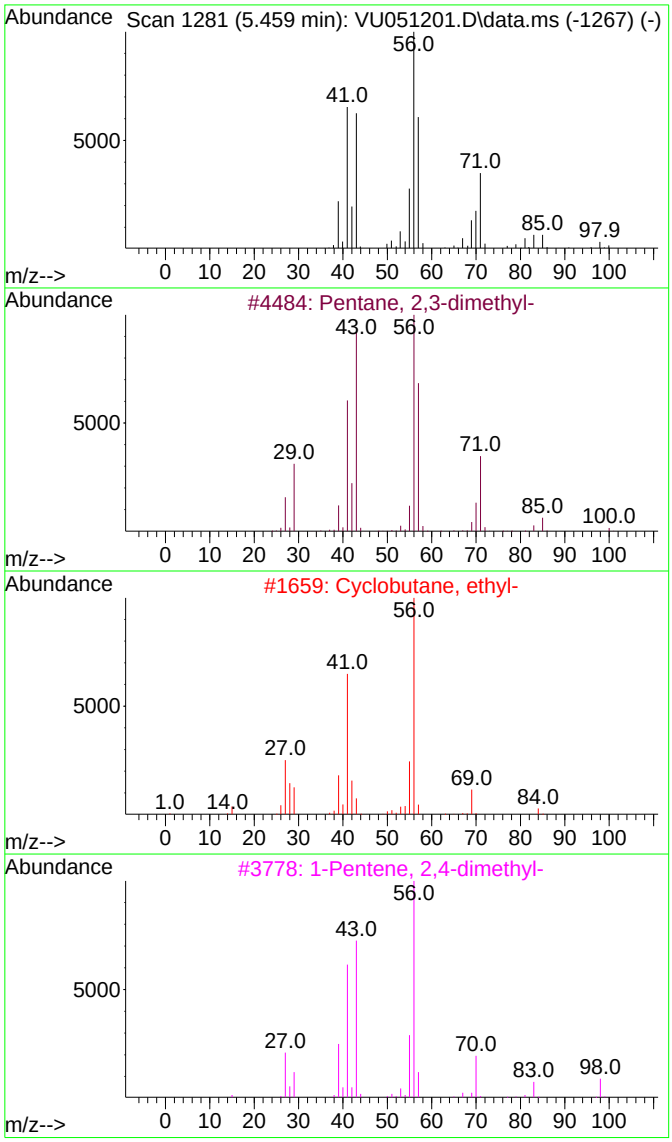
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

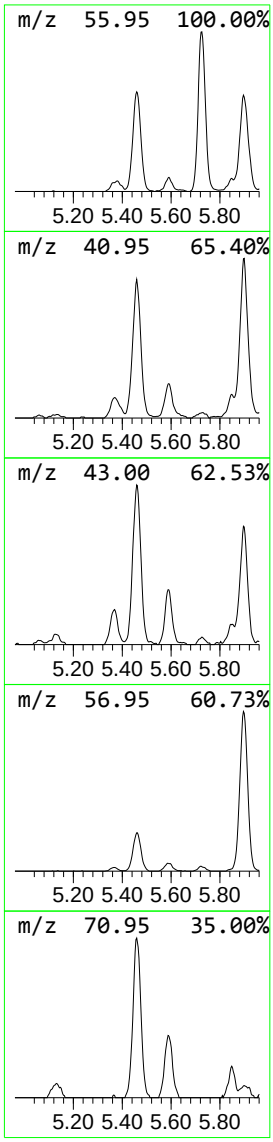
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	15.08 ug/L	284111	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	50
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	50
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

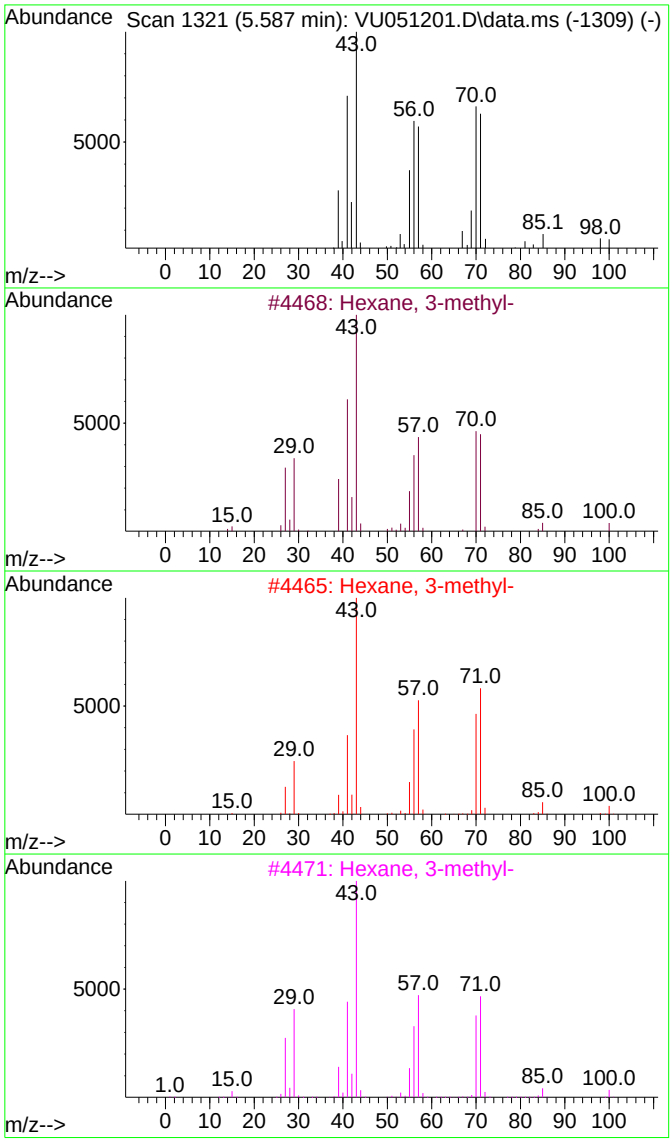
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

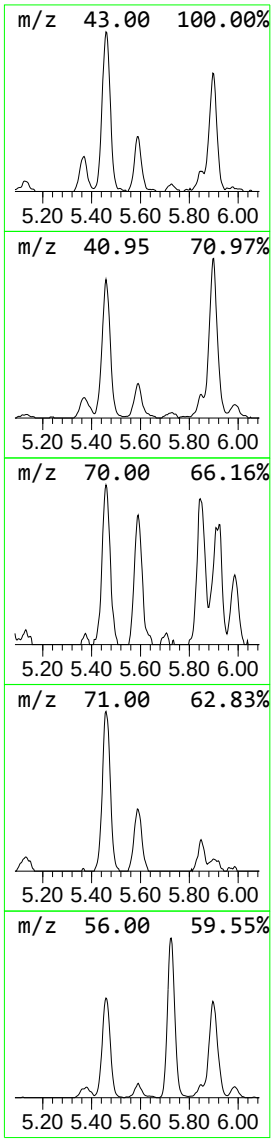
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.587	3.84 ug/L	72342	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

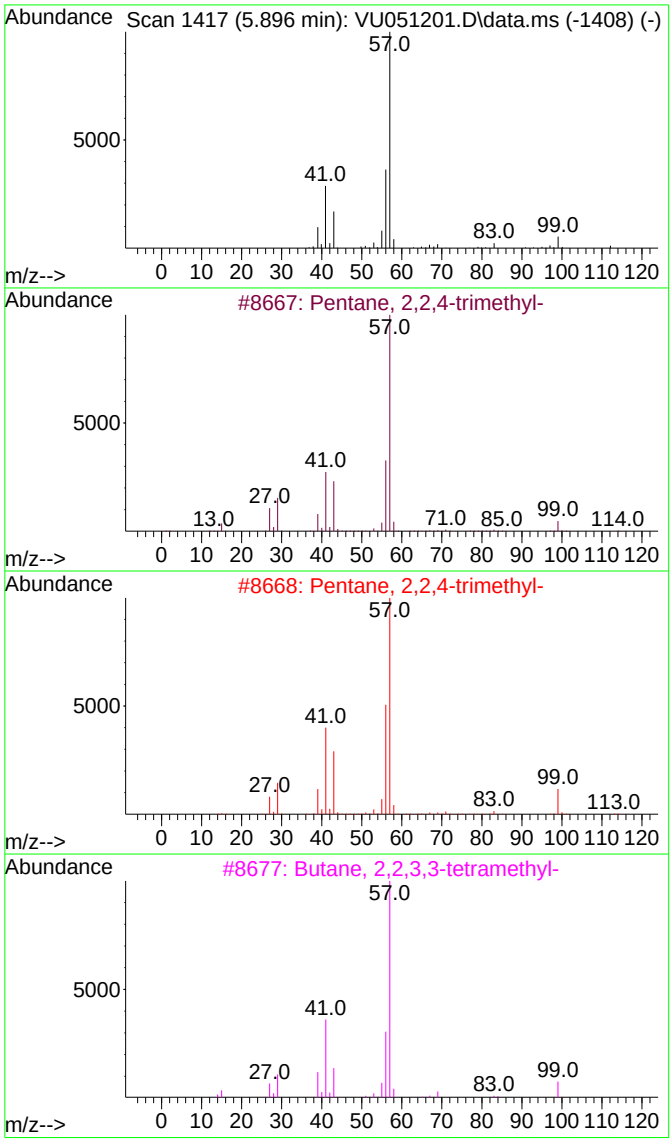
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

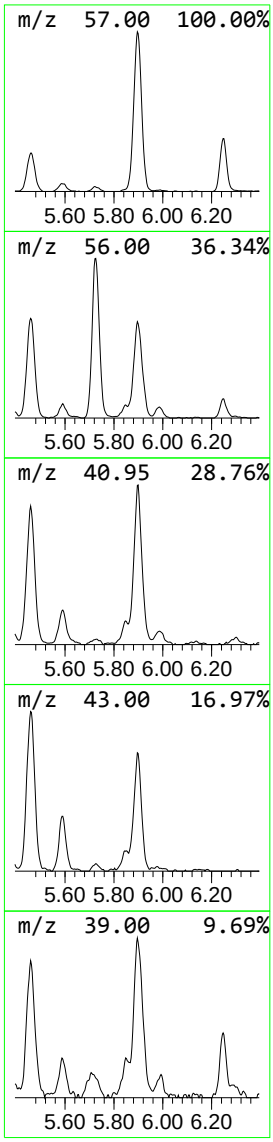
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.896	18.84 ug/L	355066	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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

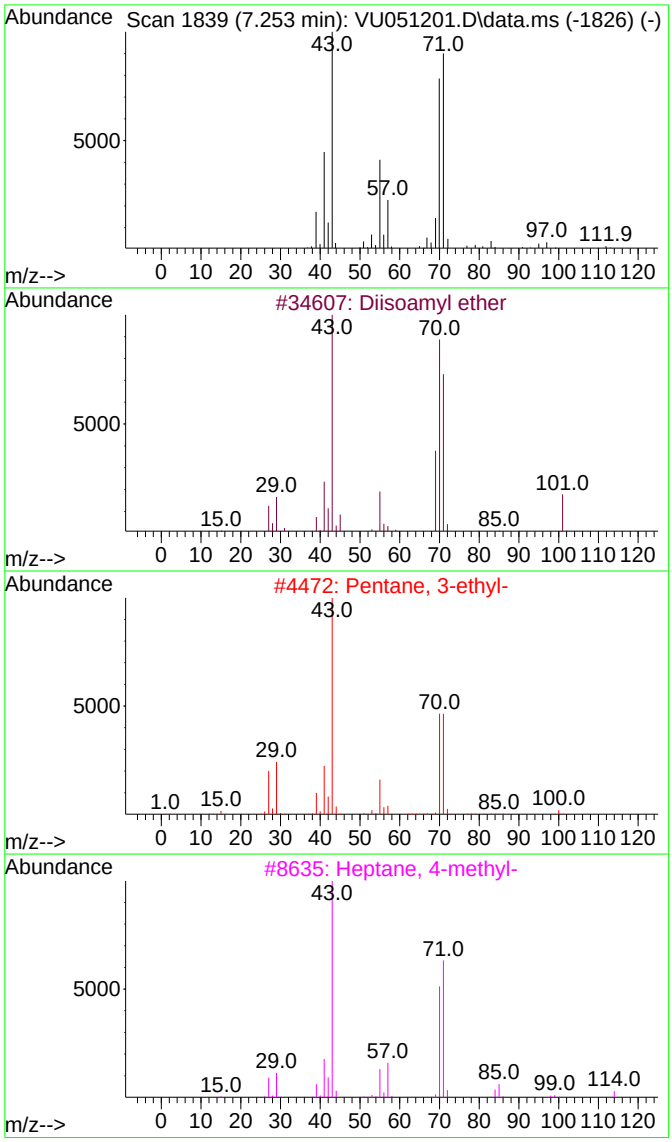
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

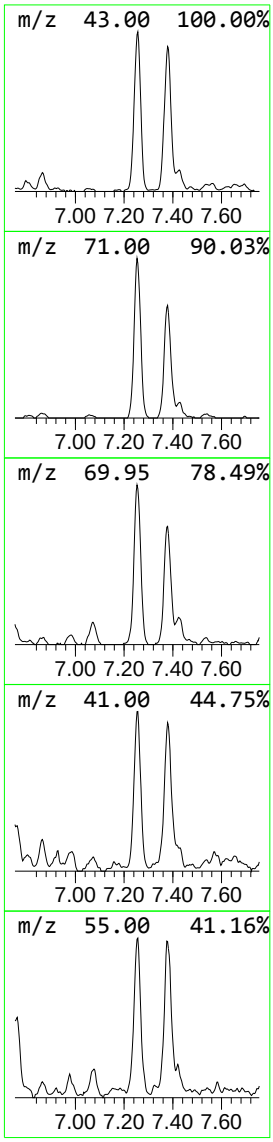
****

Peak Number 5 Diisoamyl ether Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.253	9.01 ug/L	169874	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisoamyl ether	158	C10H22O	000544-01-4	72
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

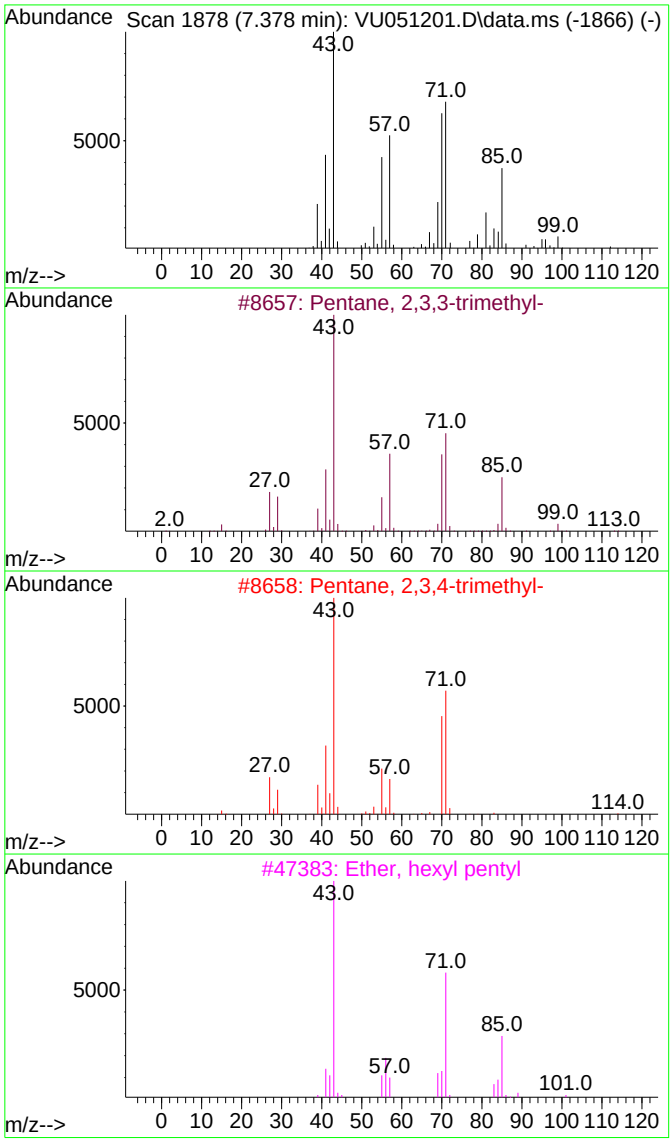
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

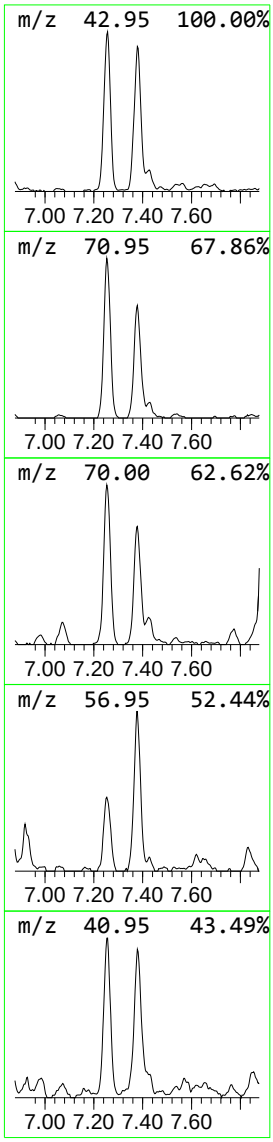
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.378	12.13 ug/L	228634	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	47
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	47
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	47





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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

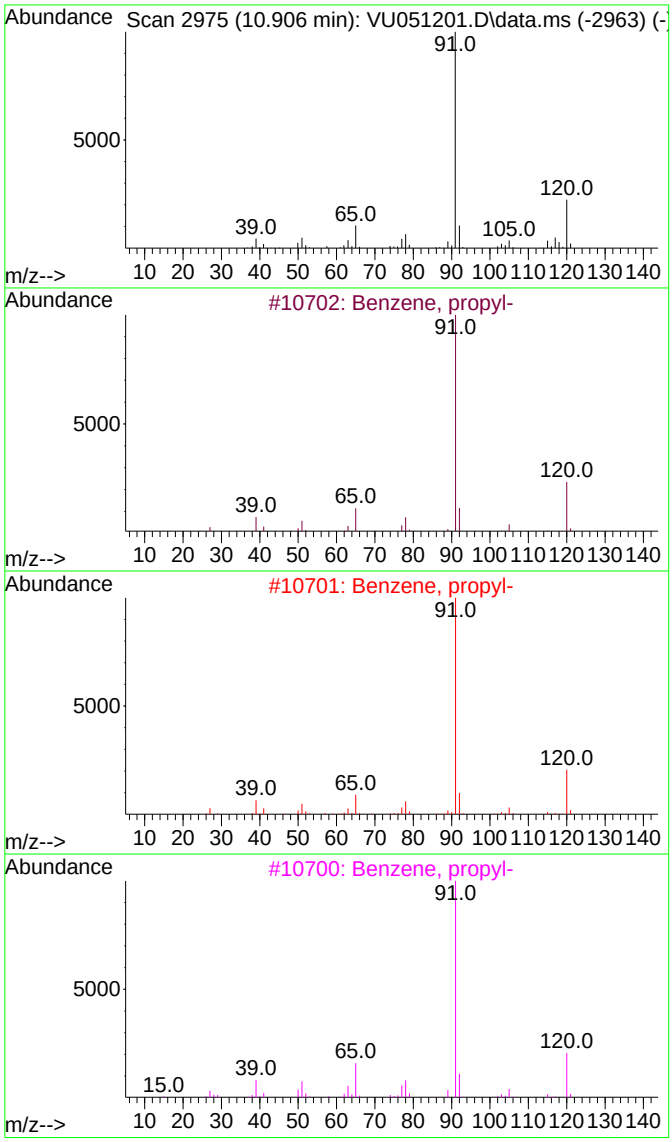
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

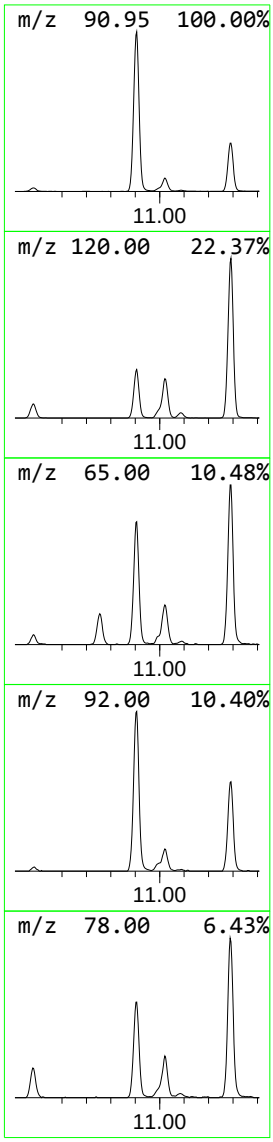
****

Peak Number 8 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	37.81 ug/L	887317	1,4-Dichlorobenzene-d4	11.809

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	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	N-Butylbenzylamine	163	C11H17N	002403-22-7	64





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

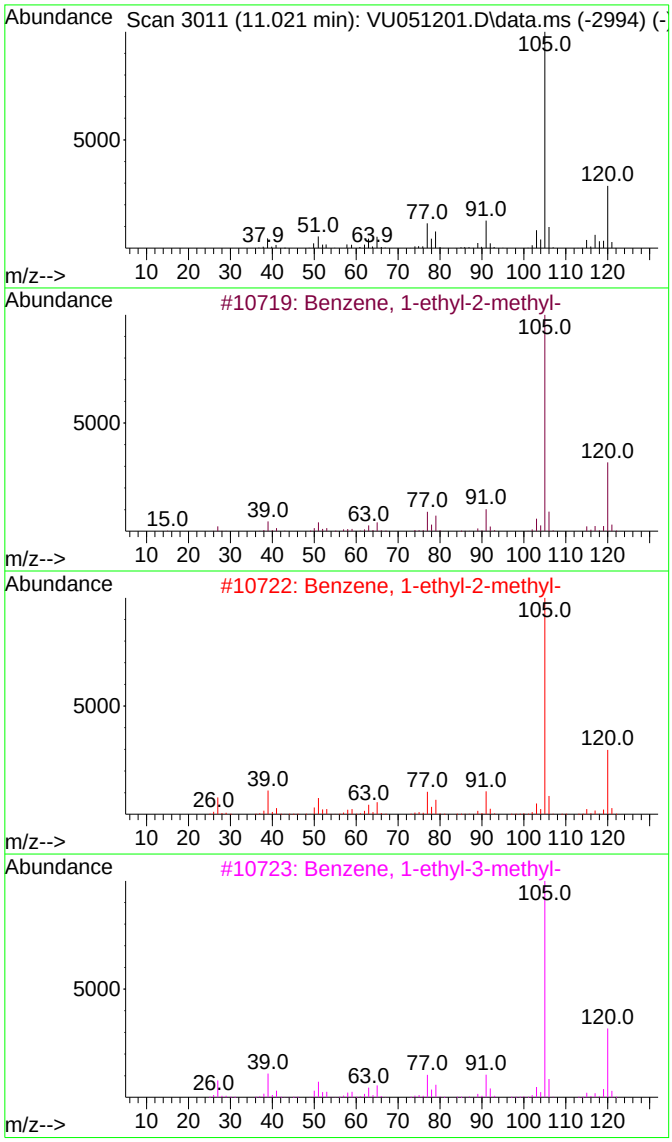
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

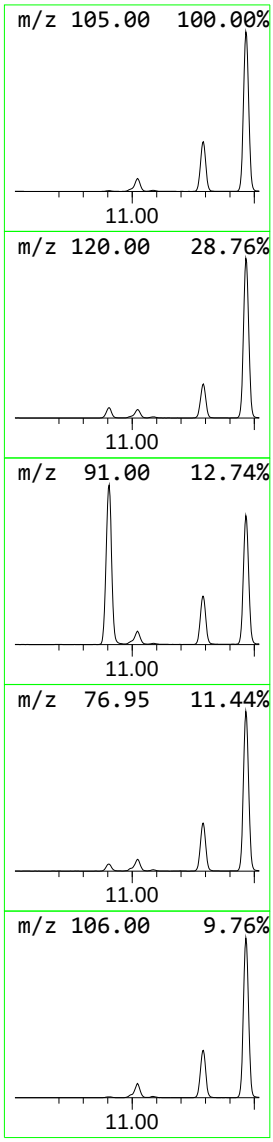
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.021	32.86 ug/L	771198	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-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

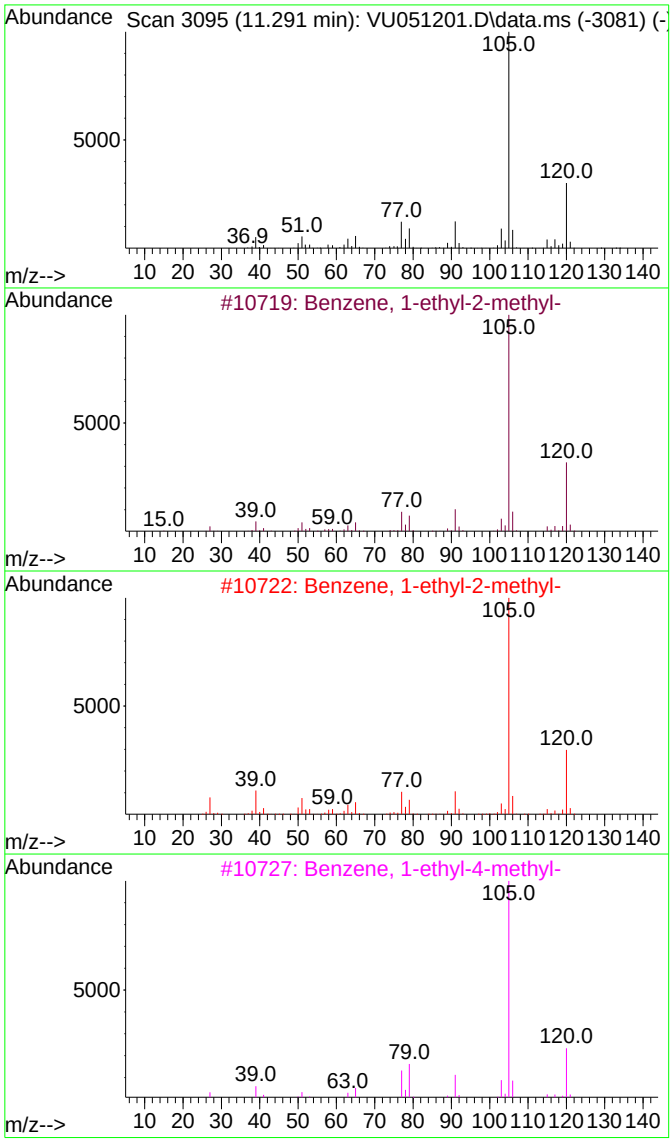
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

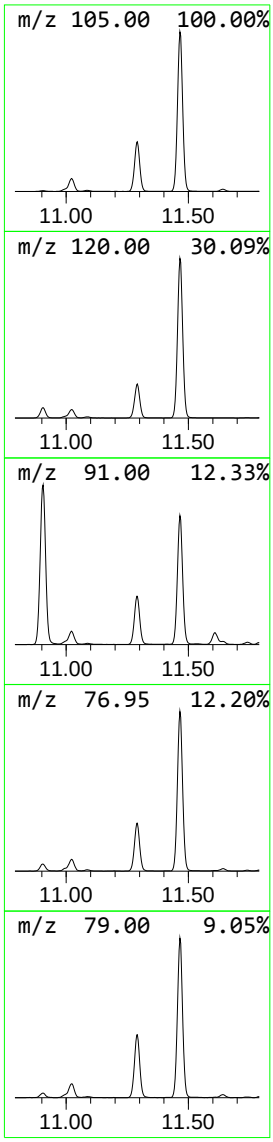
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	107.12 ug/L	2513800	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	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

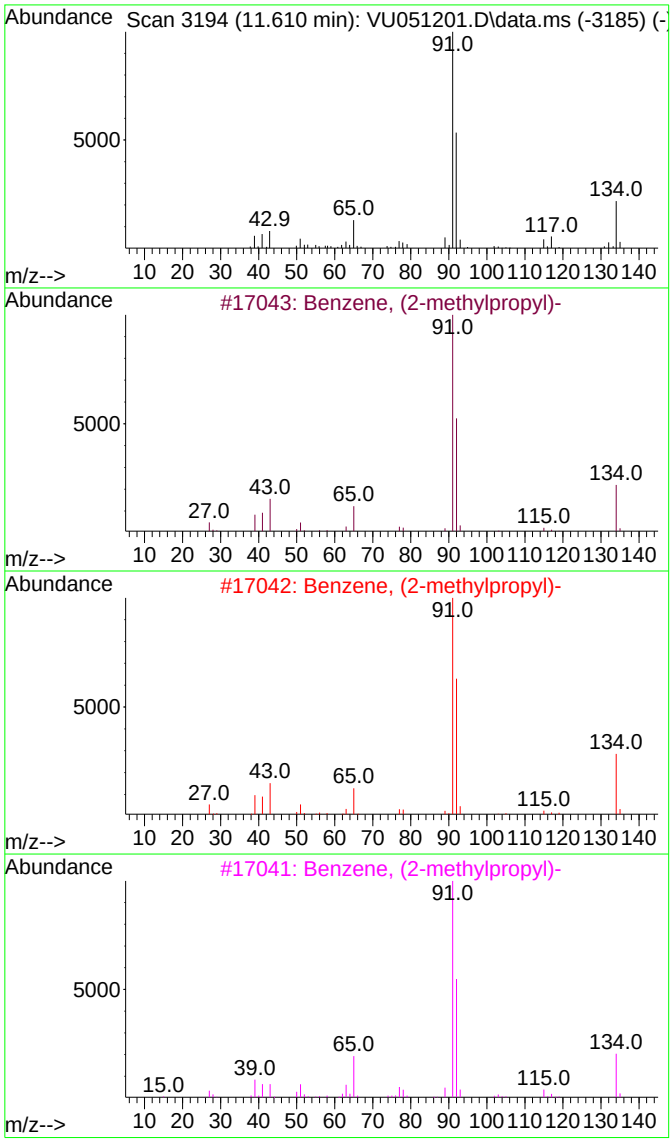
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

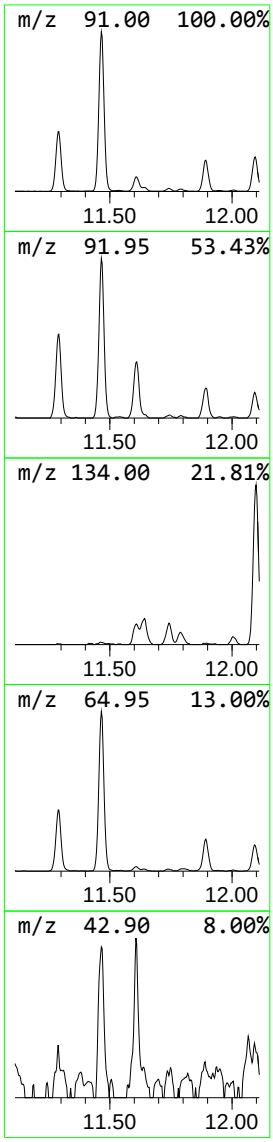
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (2-methylpropyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	3.25 ug/L	76320	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

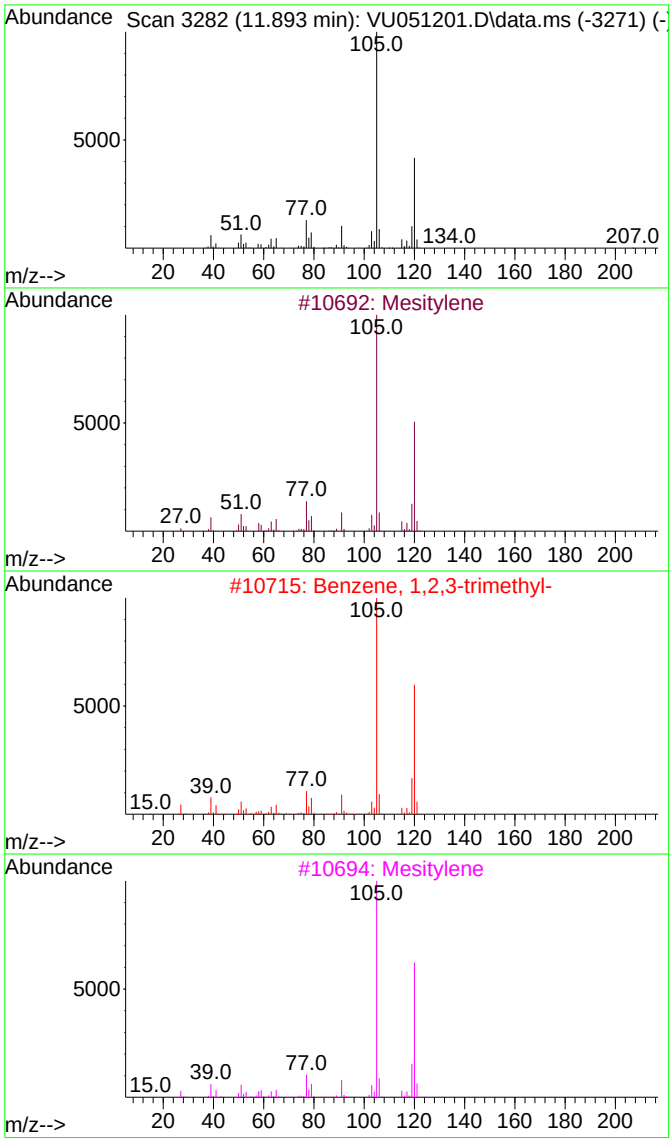
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

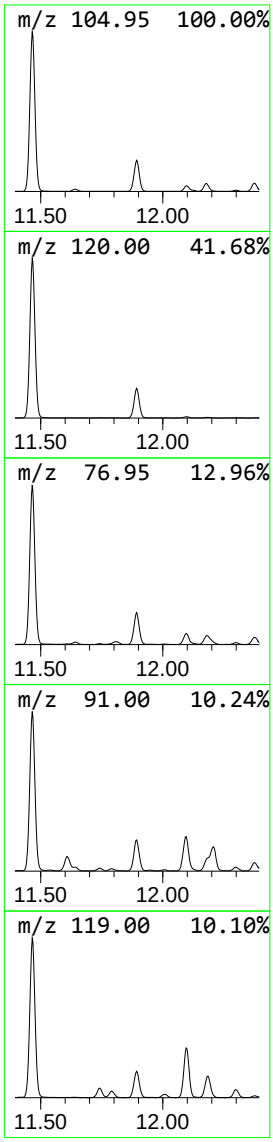
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	70.74 ug/L	1660110	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	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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

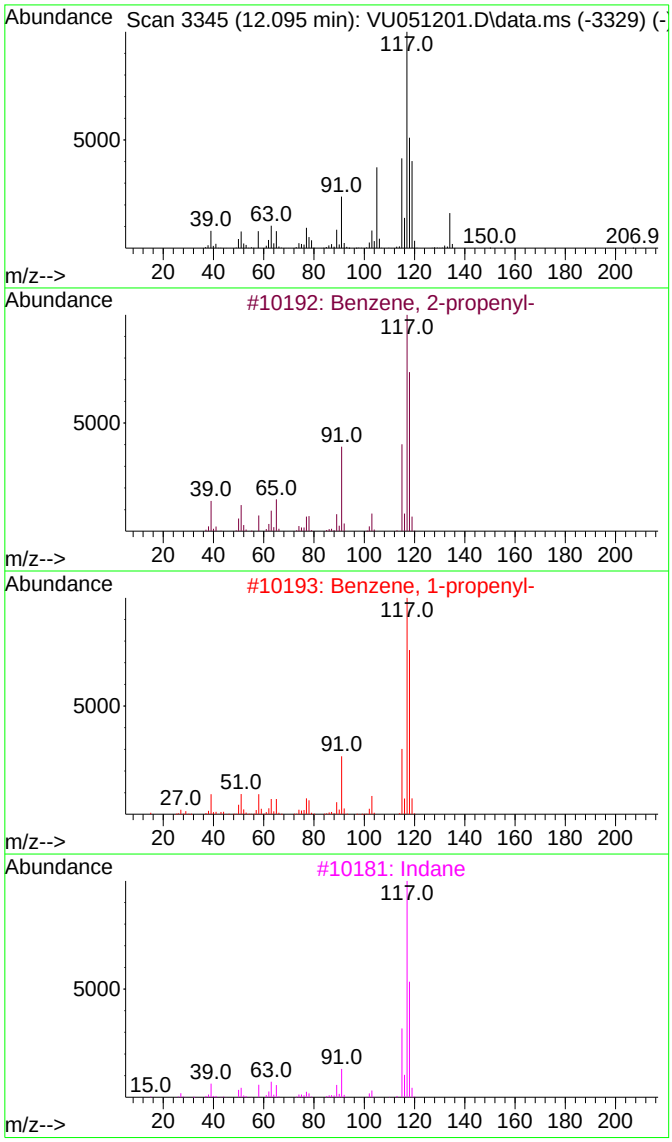
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

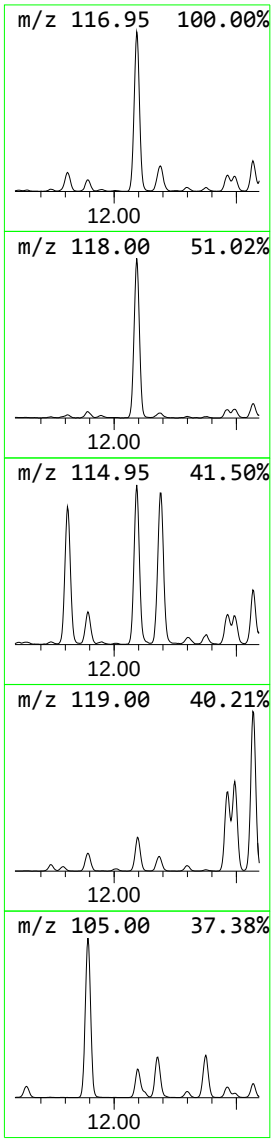
****

Peak Number 14 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	61.78 ug/L	1449910	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55
3	Indane	118	C9H10	000496-11-7	55
4	Deltacyclene	118	C9H10	007785-10-6	55
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

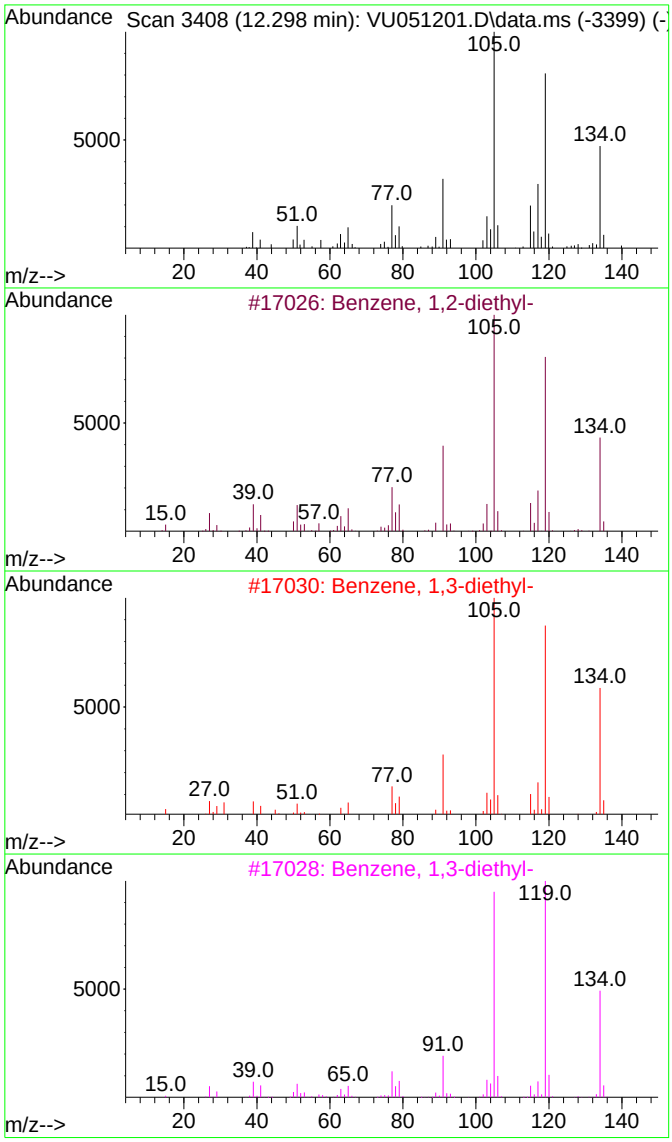
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

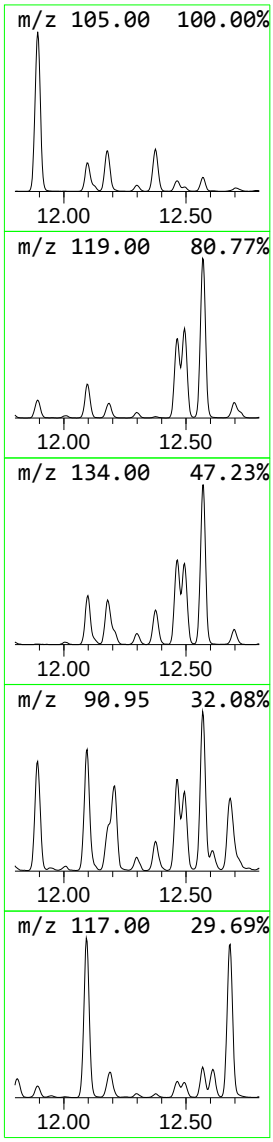
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	5.40 ug/L	126772	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	74
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	68





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

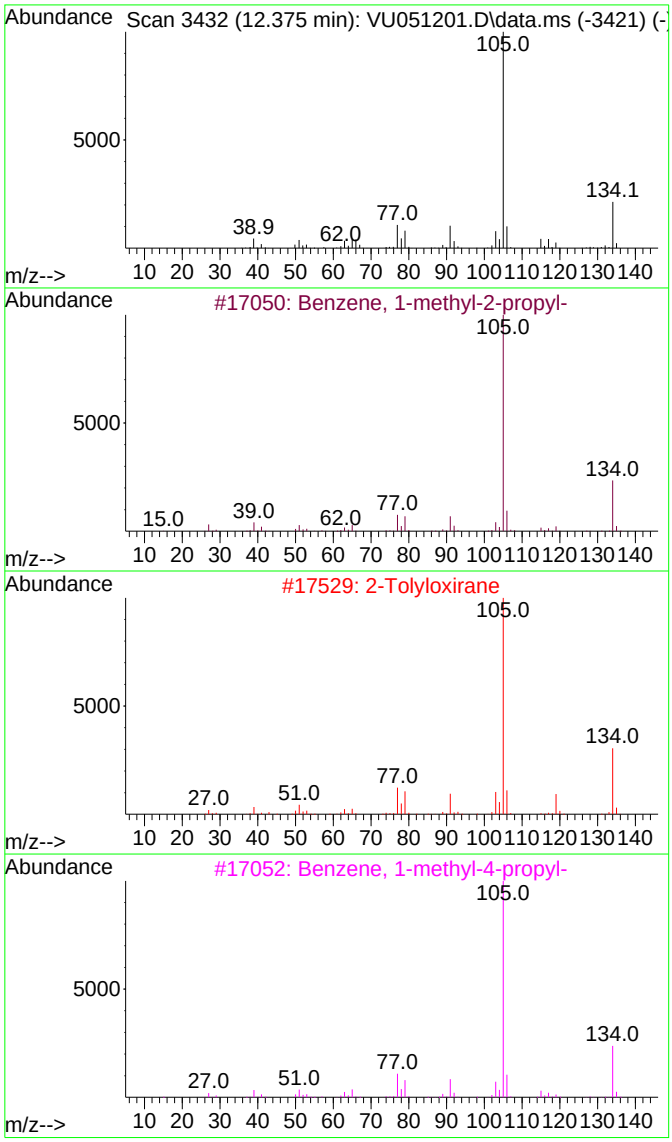
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

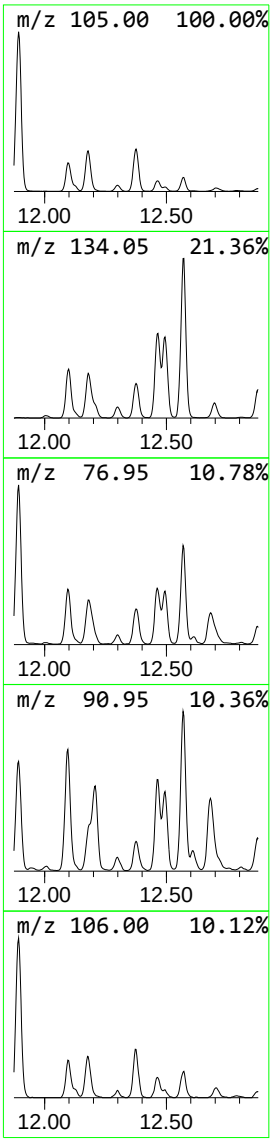
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-2-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	18.02 ug/L	422818	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
2	2-Tolyloxirane	134	C9H10O	002783-26-8	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

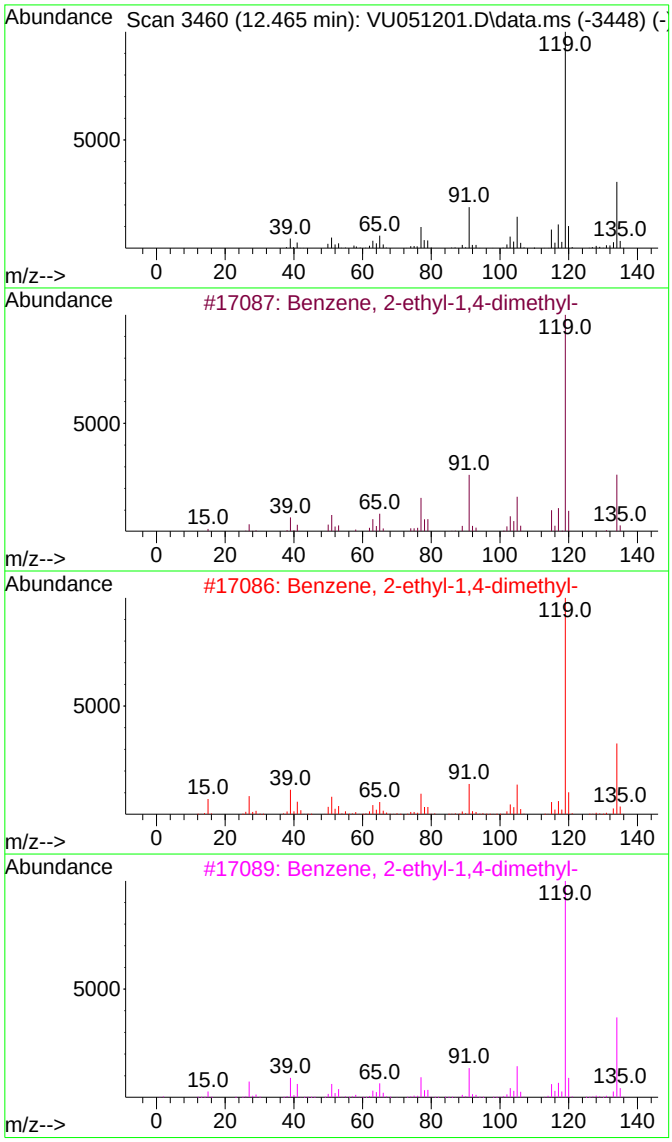
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

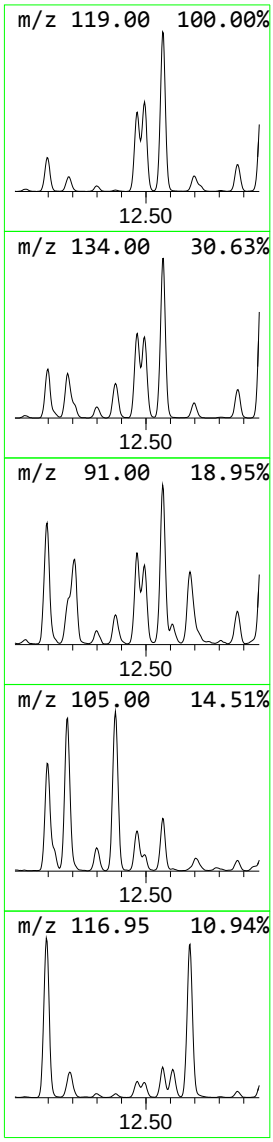
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	34.11 ug/L	800468	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

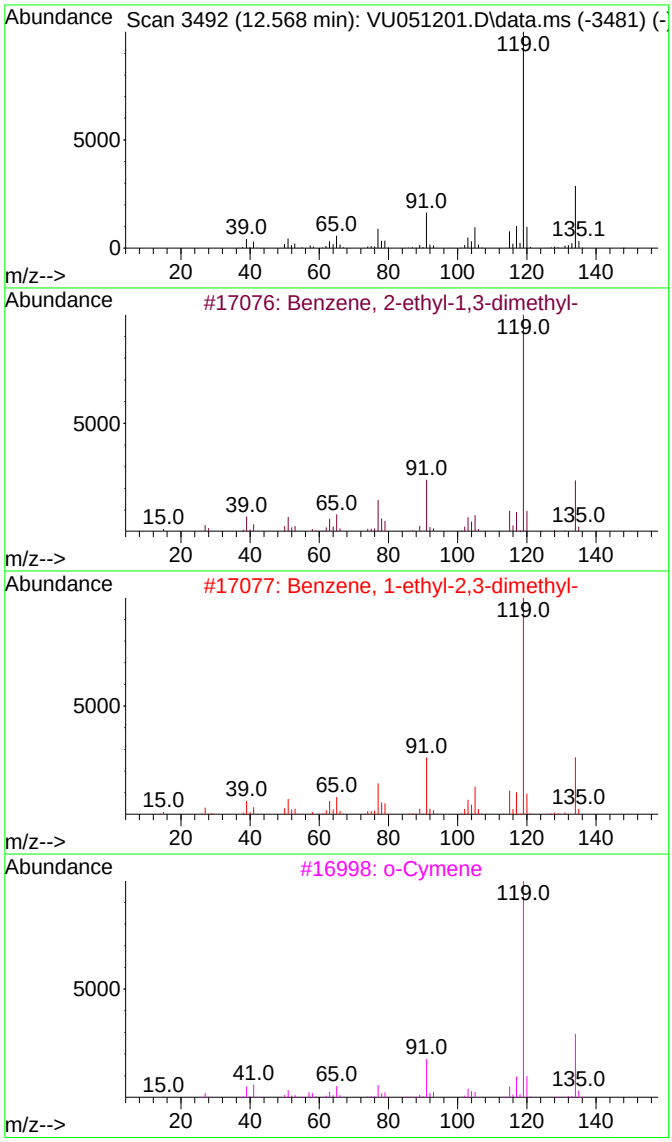
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

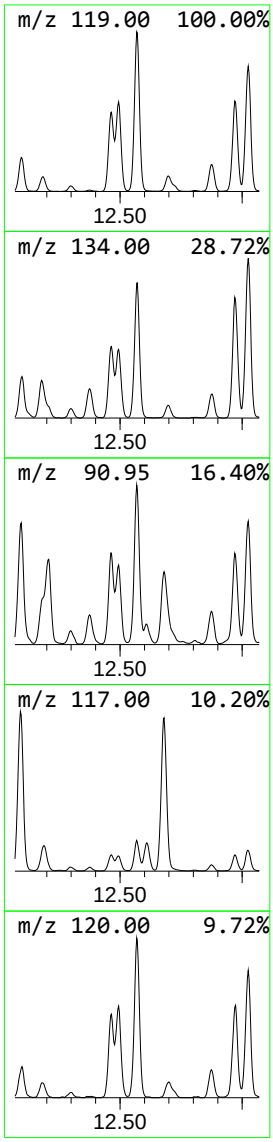
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	61.38 ug/L	1440350	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

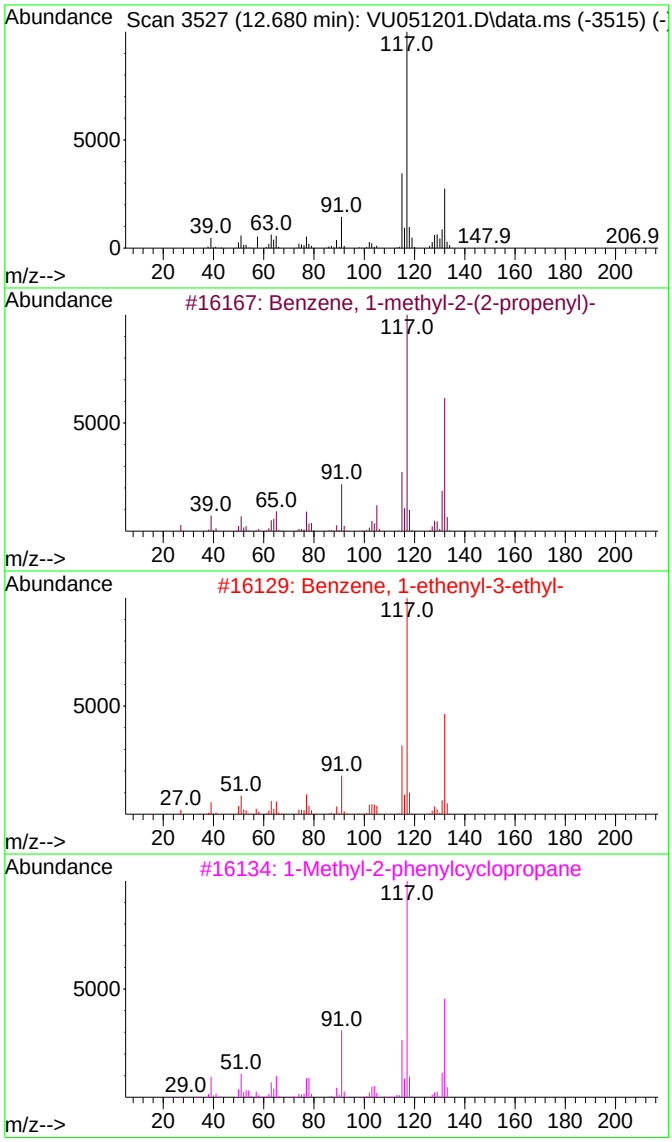
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

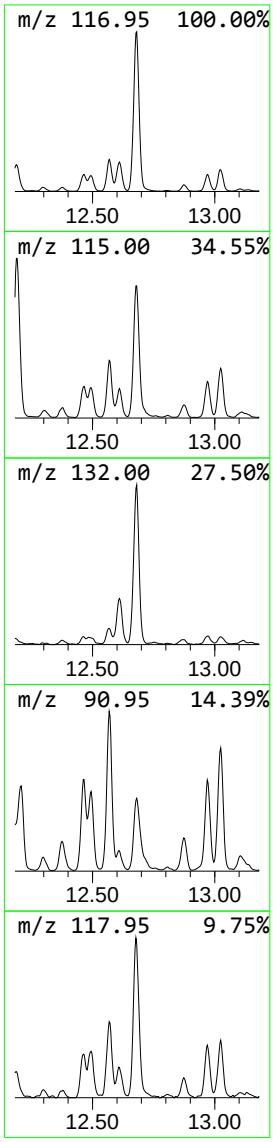
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.681	46.87 ug/L	1099790	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

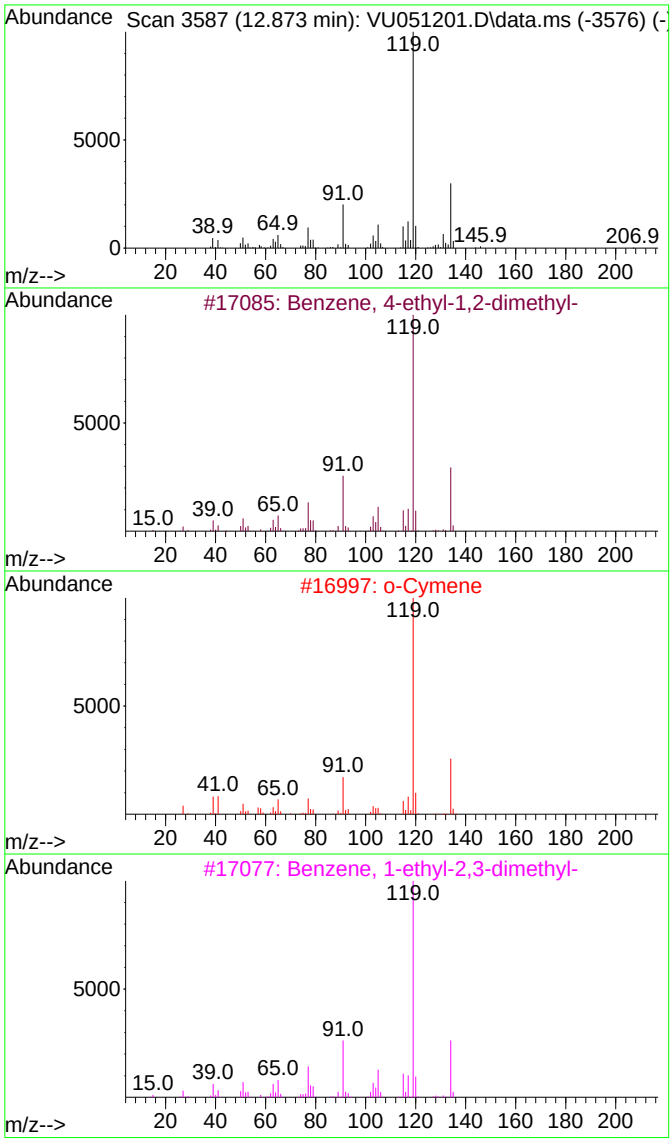
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

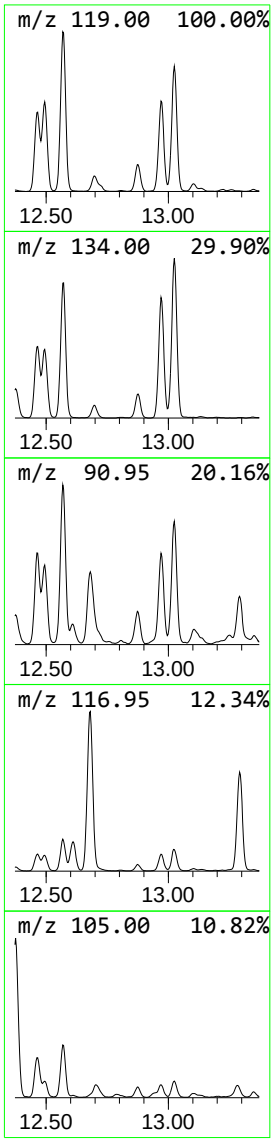
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	12.85 ug/L	301662	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	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	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

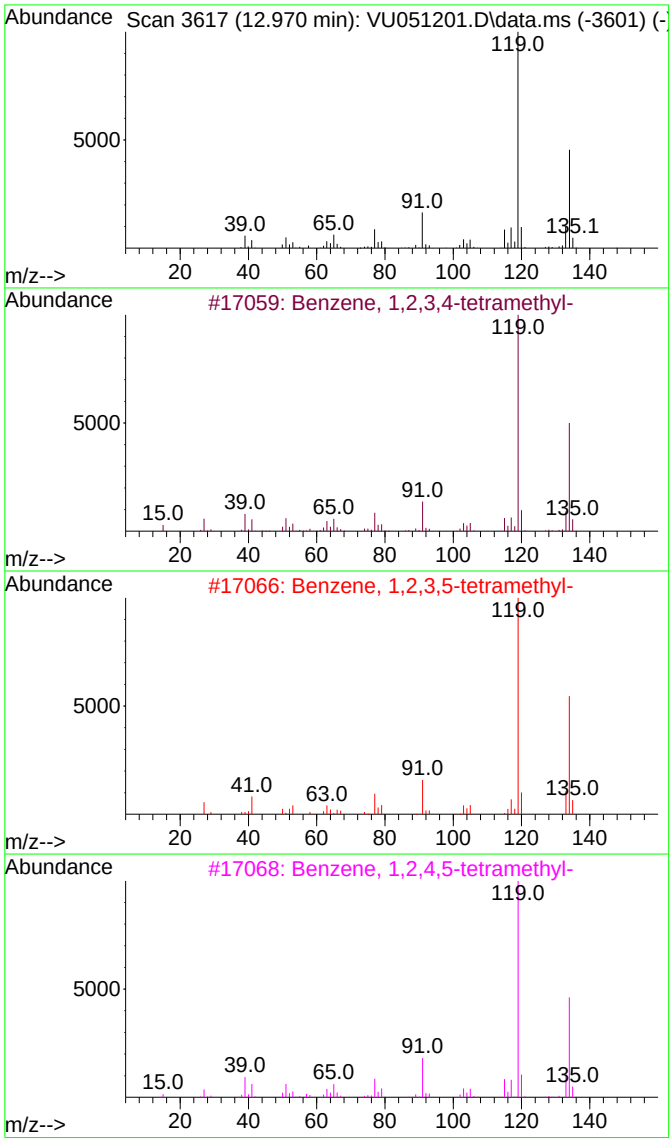
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

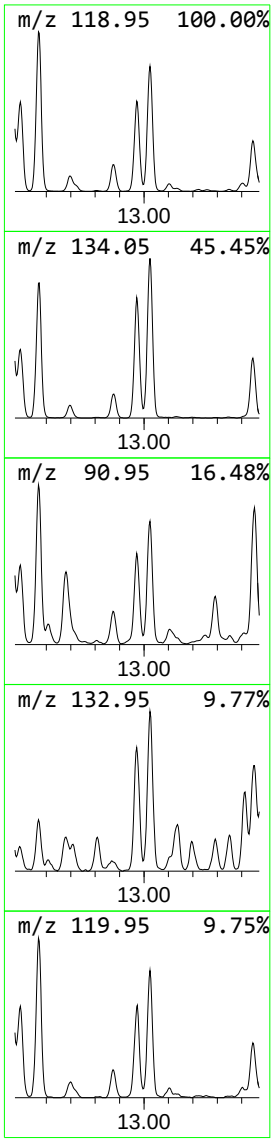
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	39.49 ug/L	926718	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

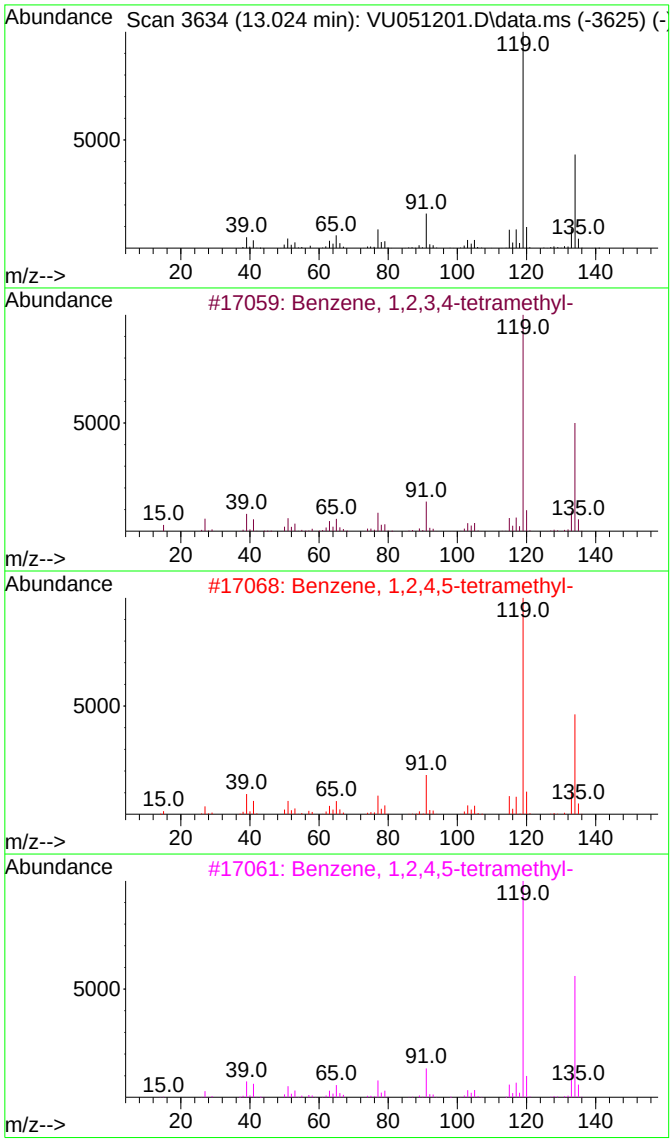
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

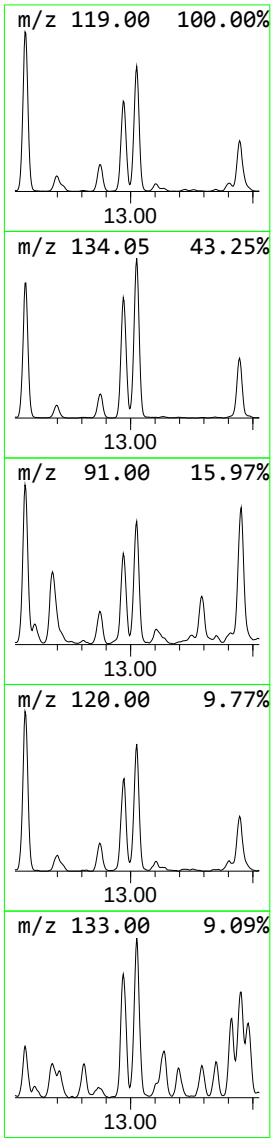
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	52.16 ug/L	1224090	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

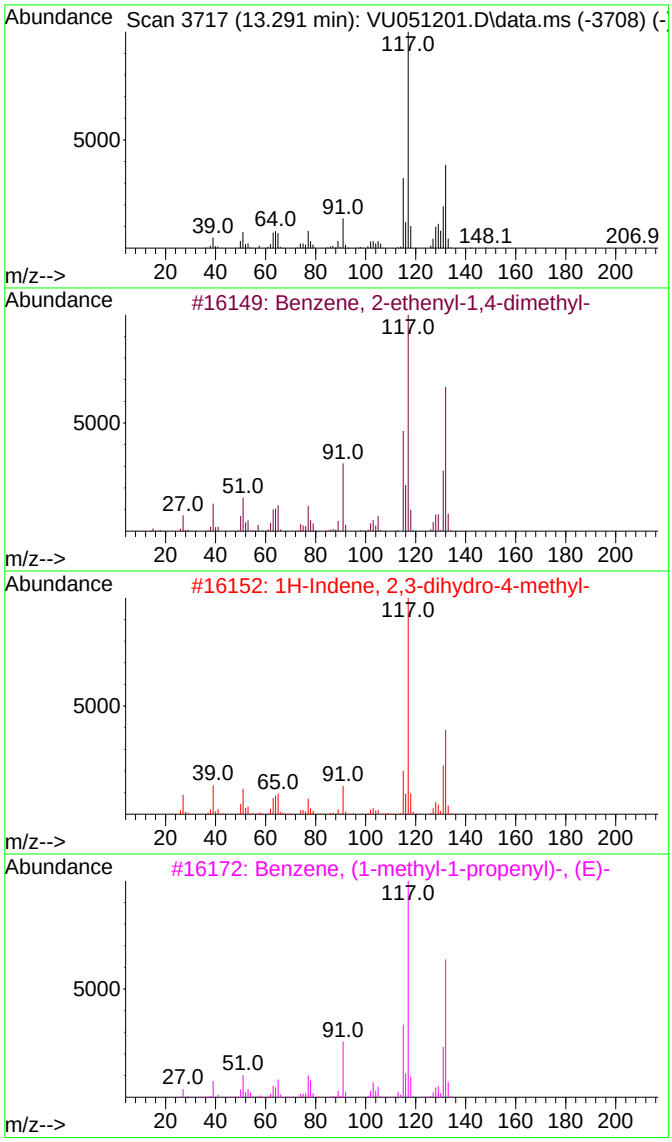
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

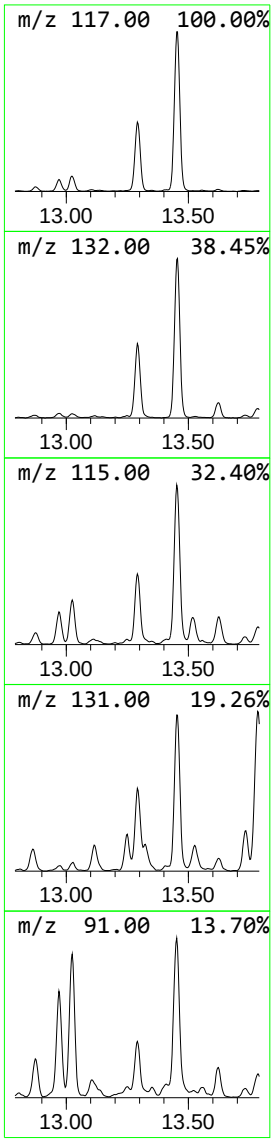
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	26.91 ug/L	631560	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	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

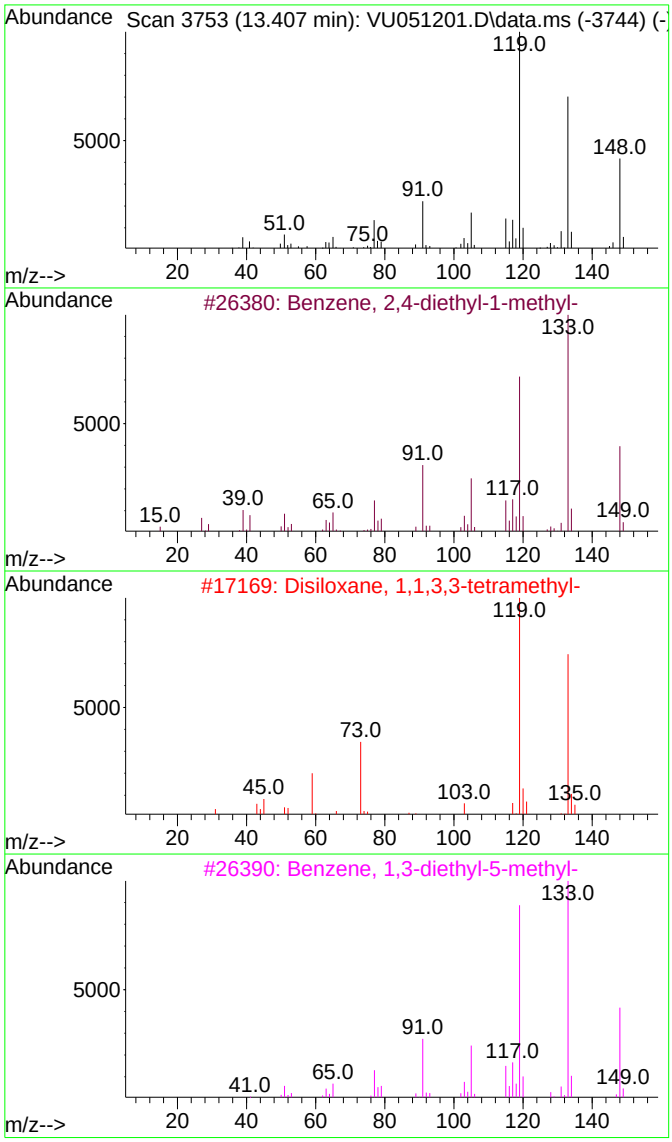
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

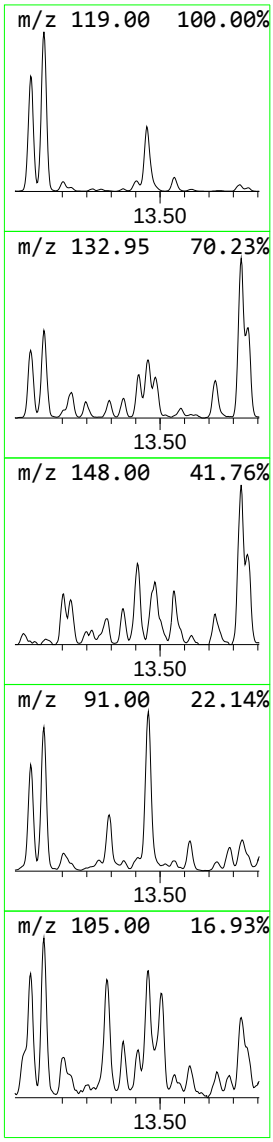
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.407	4.58 ug/L	107568	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
2	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	58
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

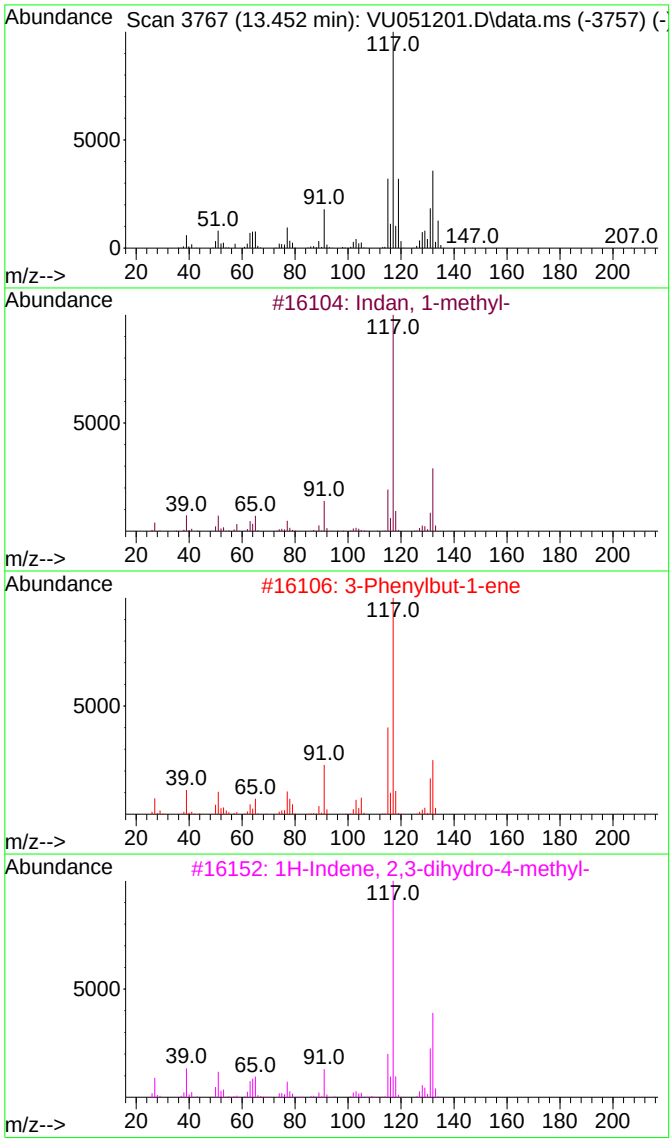
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

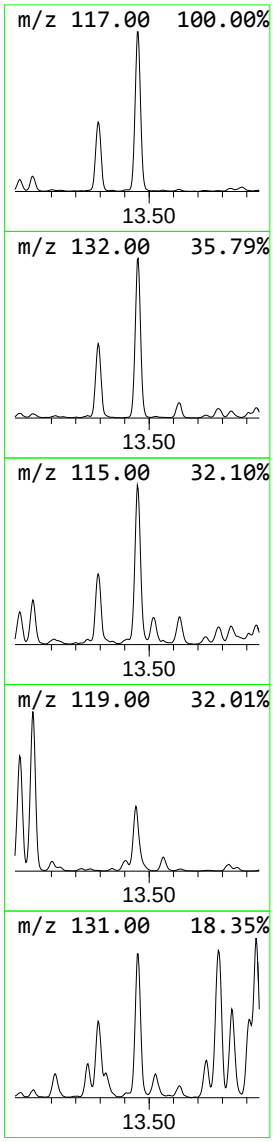
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	77.38 ug/L	1815990	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

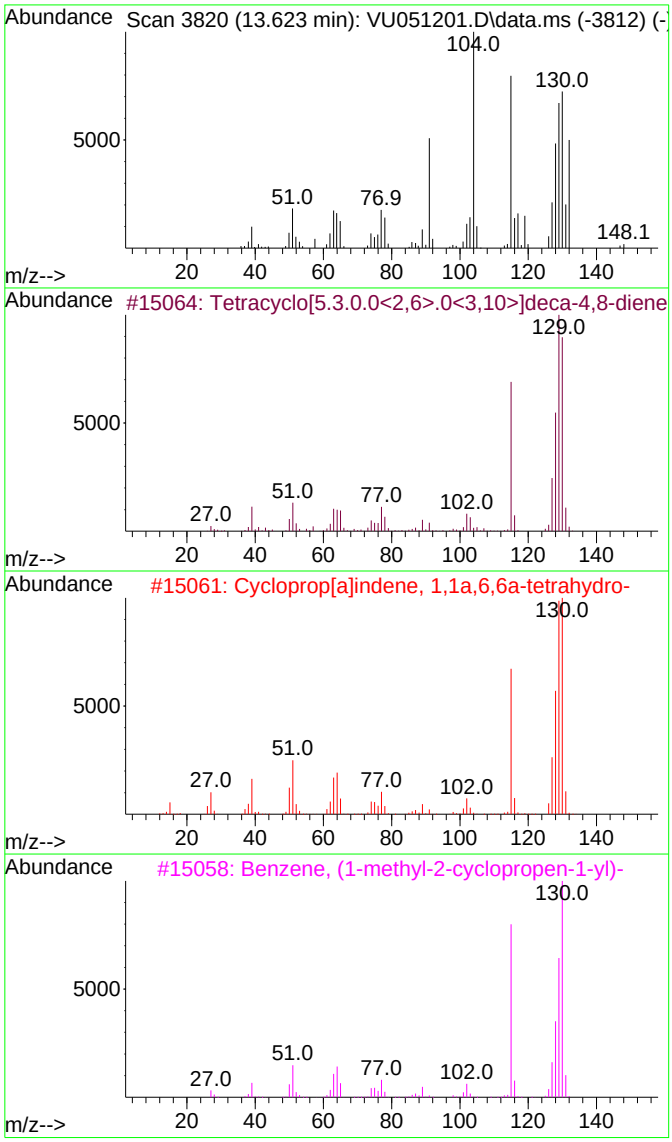
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

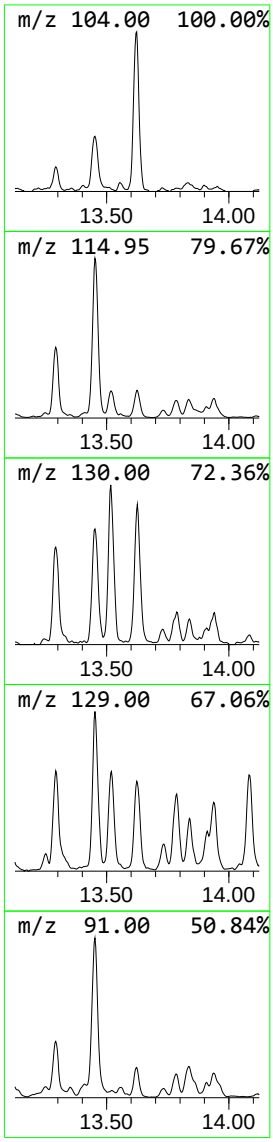
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	10.87 ug/L	255193	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	86
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	52
4	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	52
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

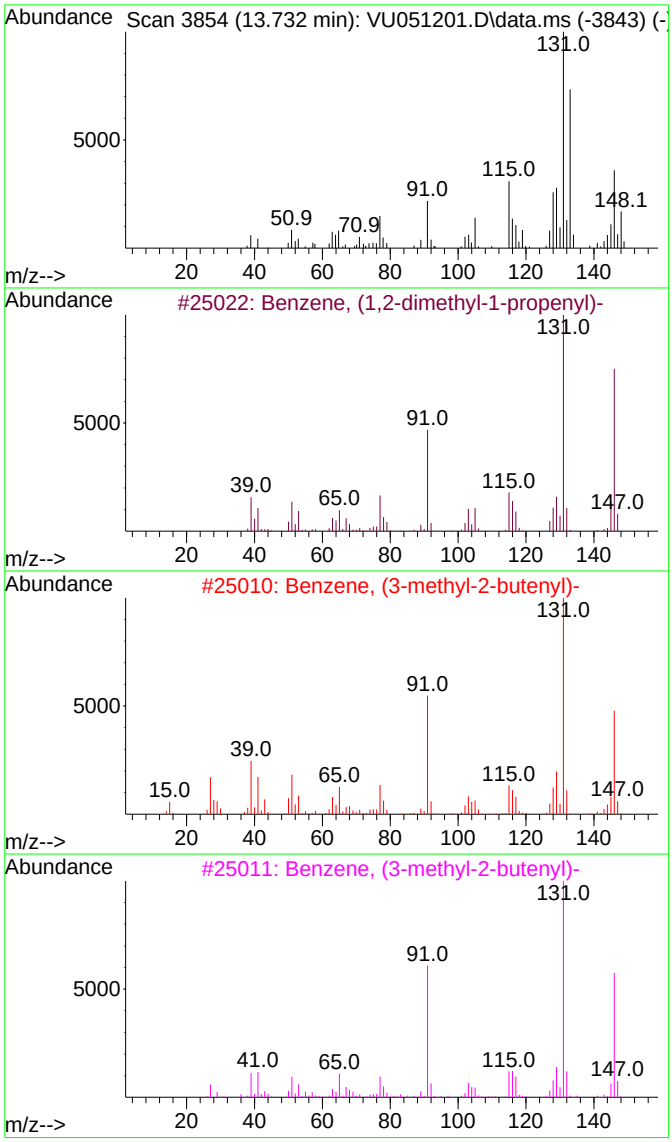
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

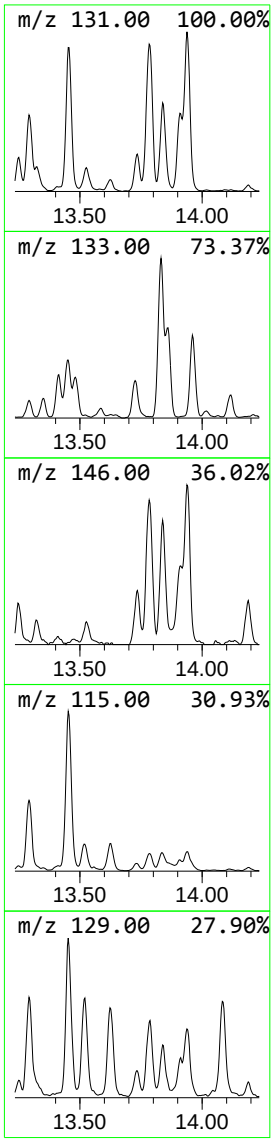
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.732	5.64 ug/L	132240	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

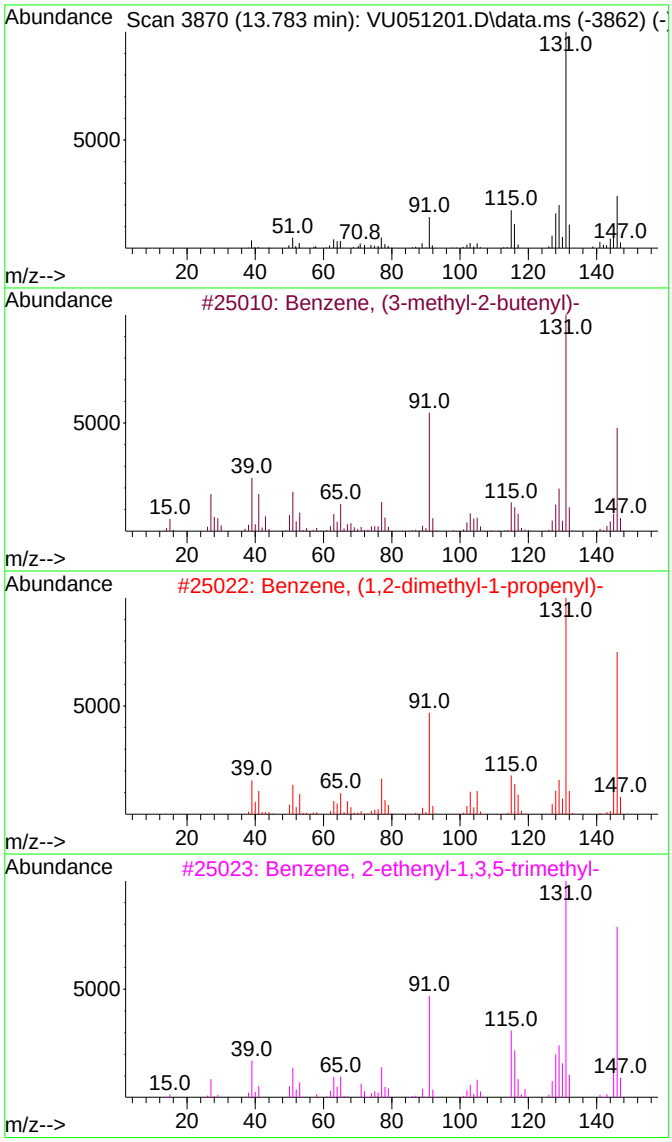
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

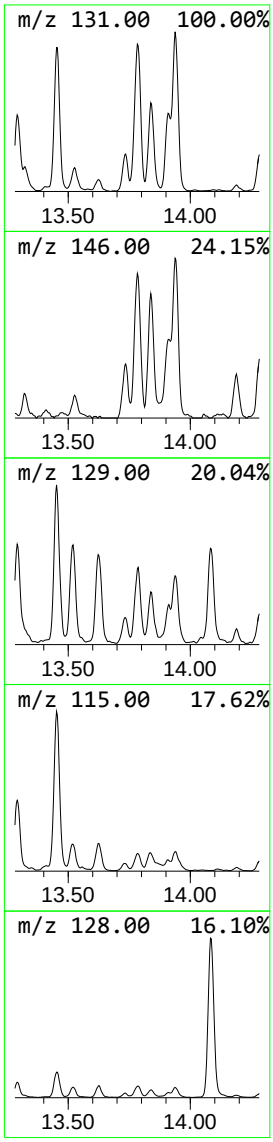
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, (3-methyl-2-butenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.783	9.83 ug/L	230569	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

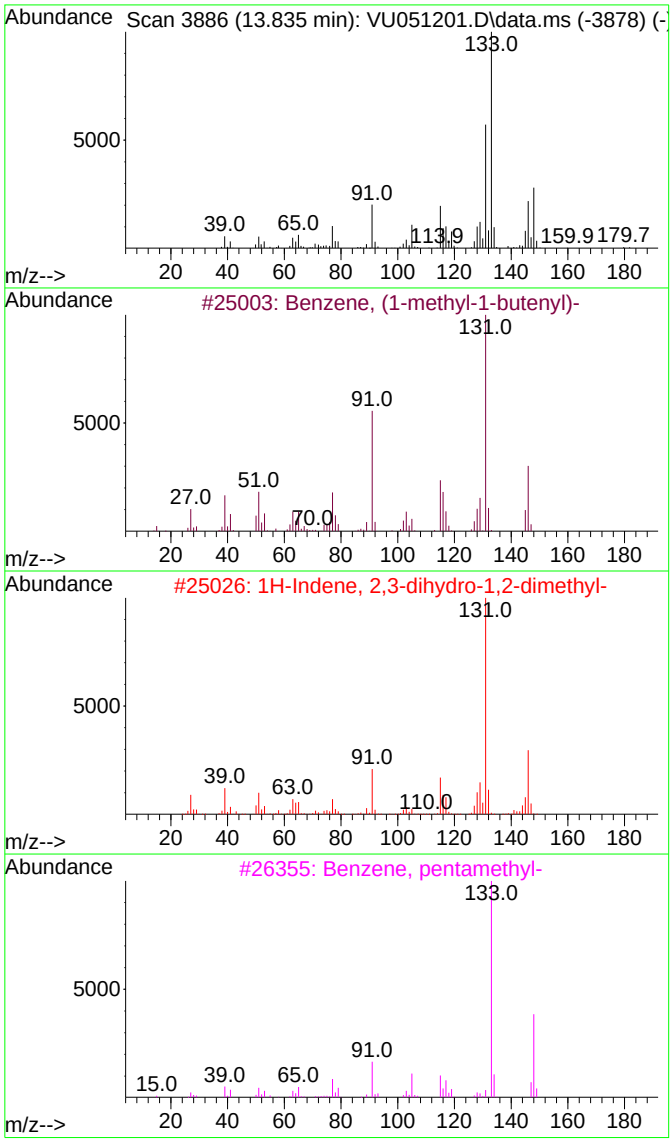
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

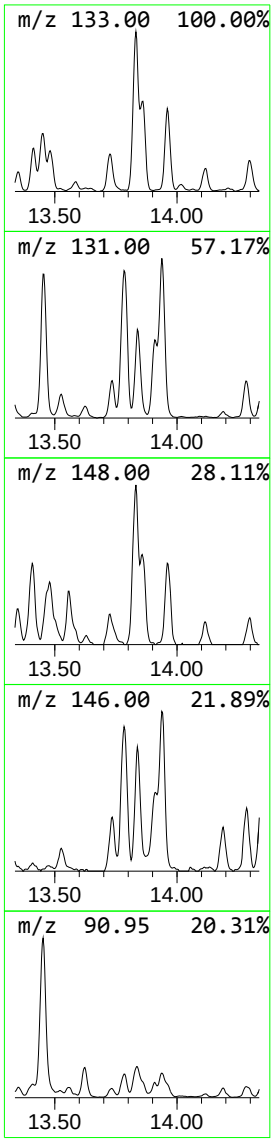
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, (1-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.835	16.73 ug/L	392631	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	84
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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

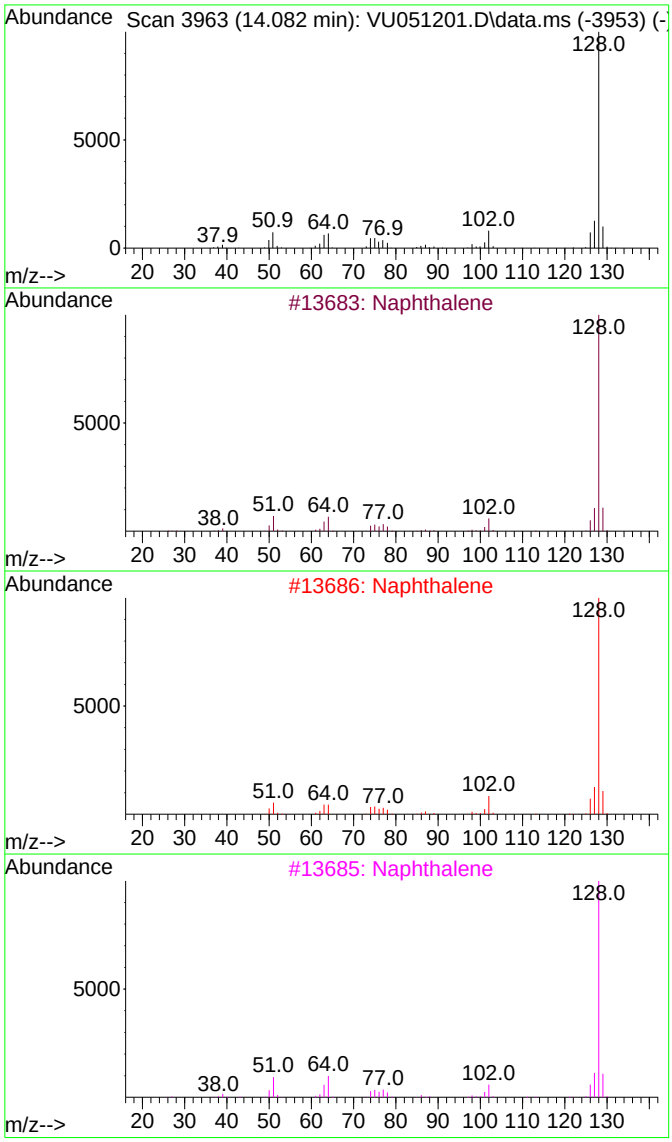
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

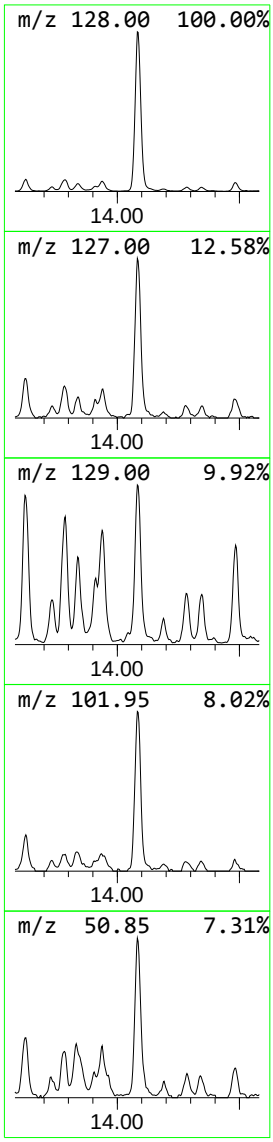
****

Peak Number 31 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	19.68 ug/L	461831	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

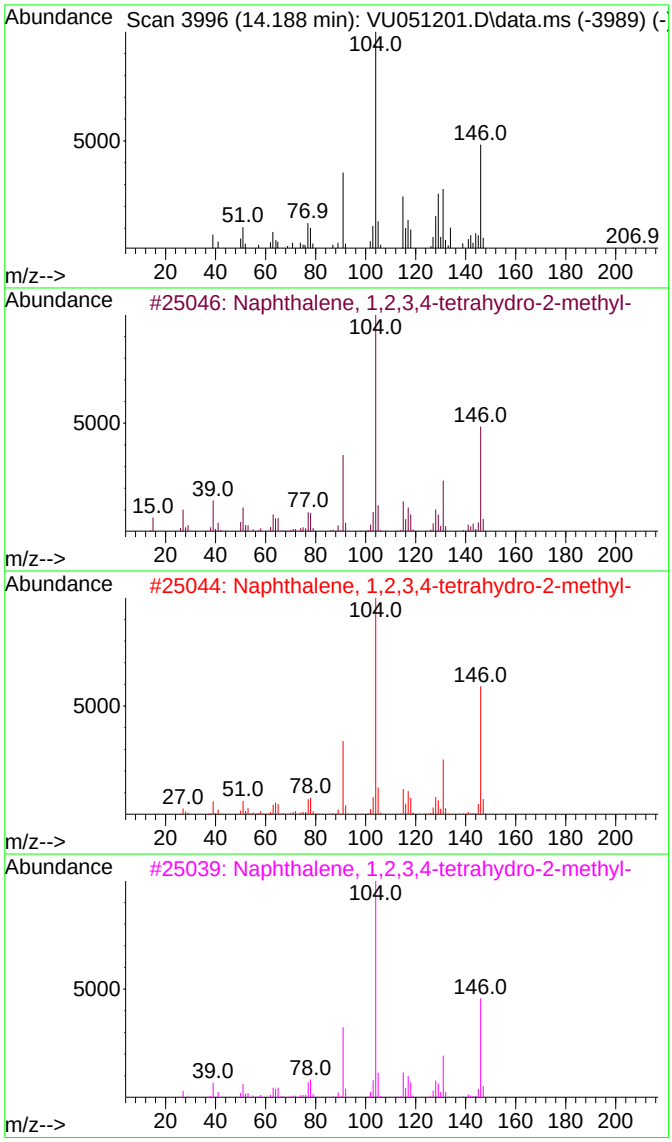
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

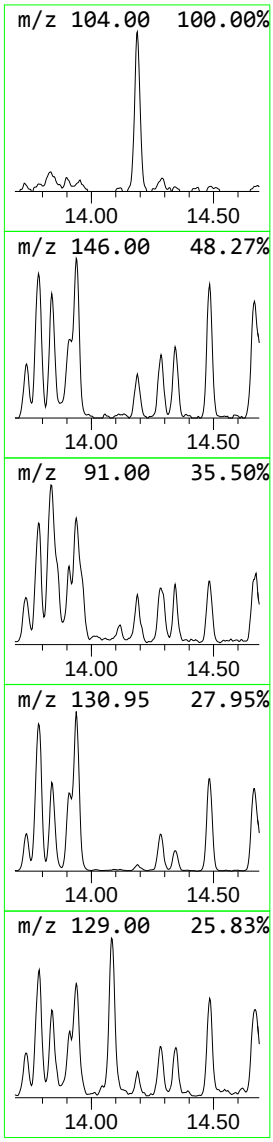
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	3.17 ug/L	74423	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	62
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

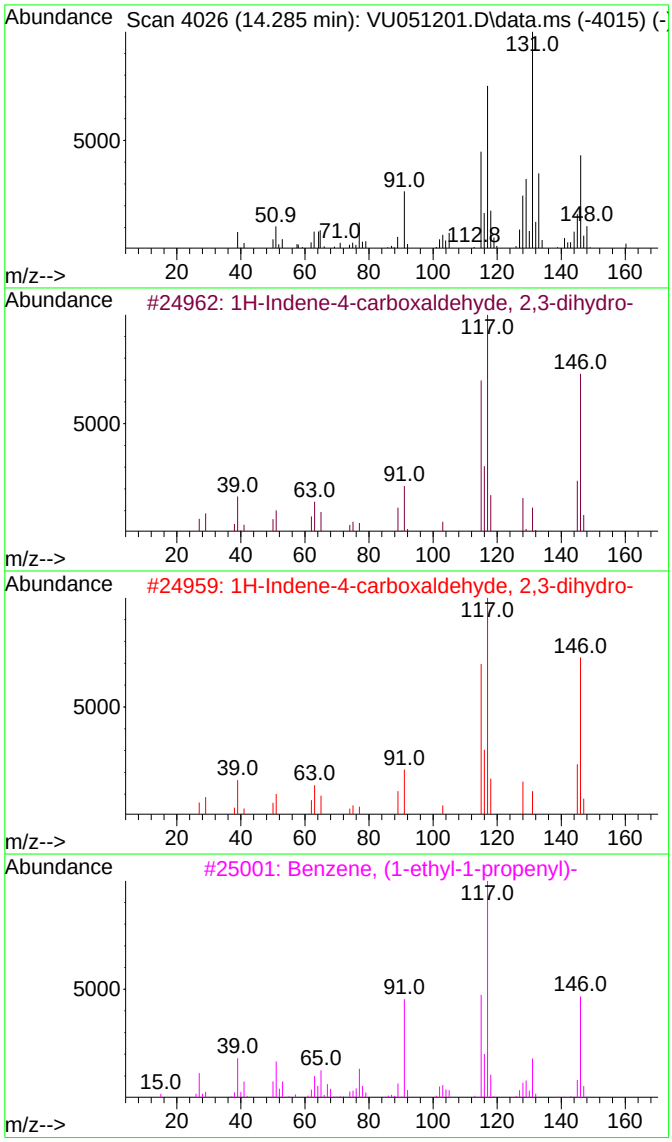
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

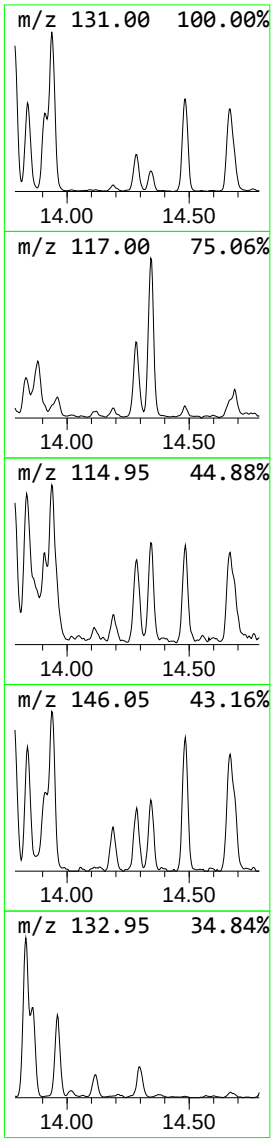
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene-4-carboxaldehyde,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.285	6.44 ug/L	151083	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	55
2	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	55
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	55
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

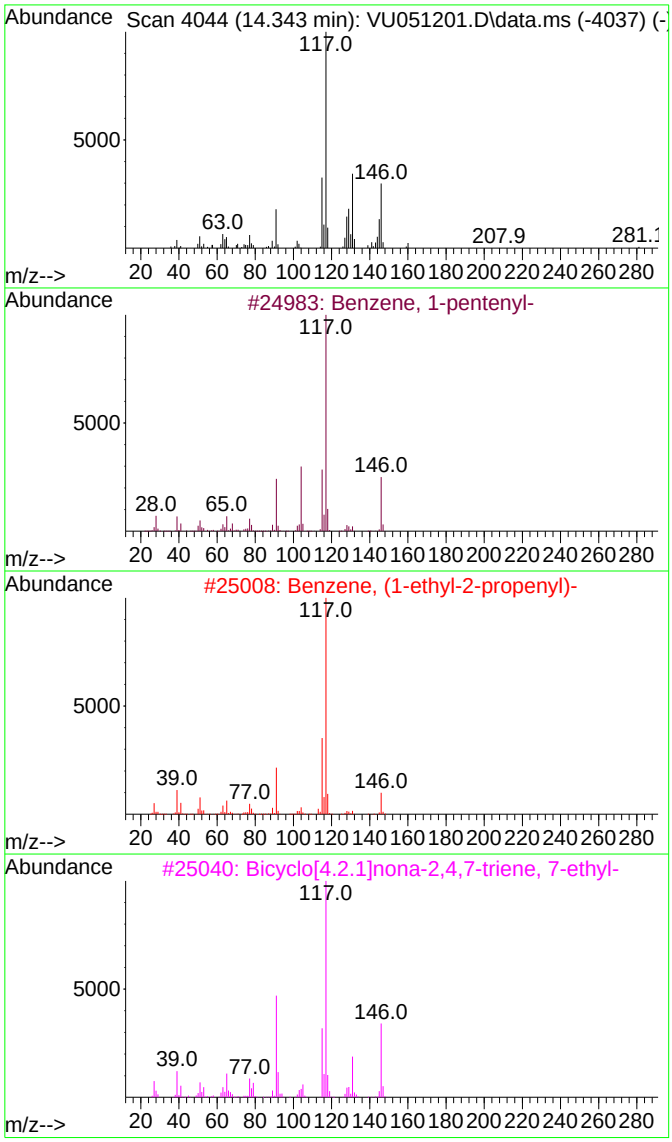
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

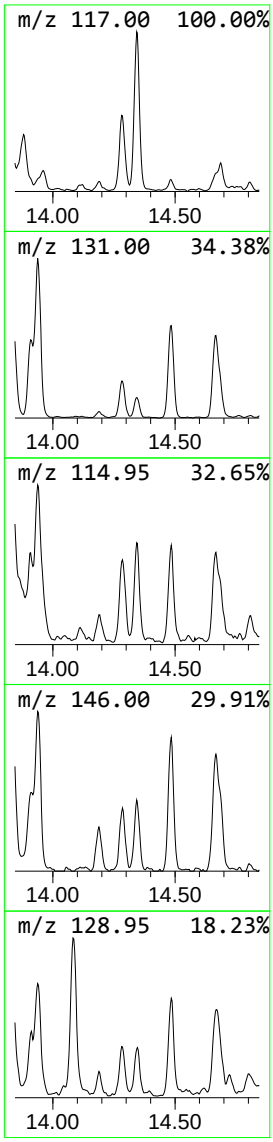
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-pentenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.343	4.98 ug/L	116934	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
3	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

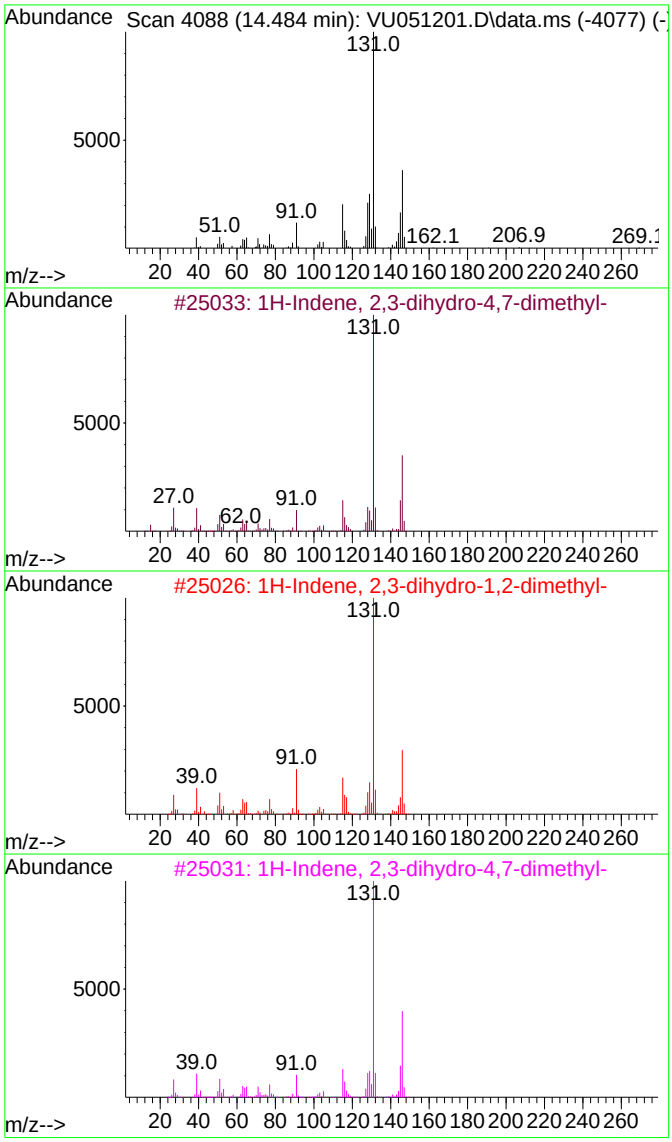
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

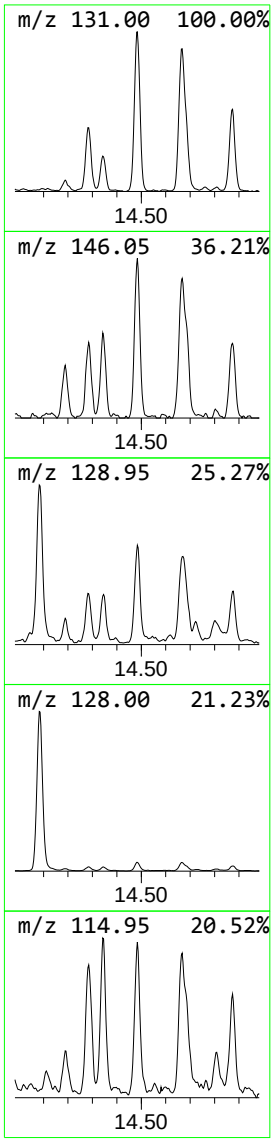
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.484	8.31 ug/L	195091	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	81
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	80
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

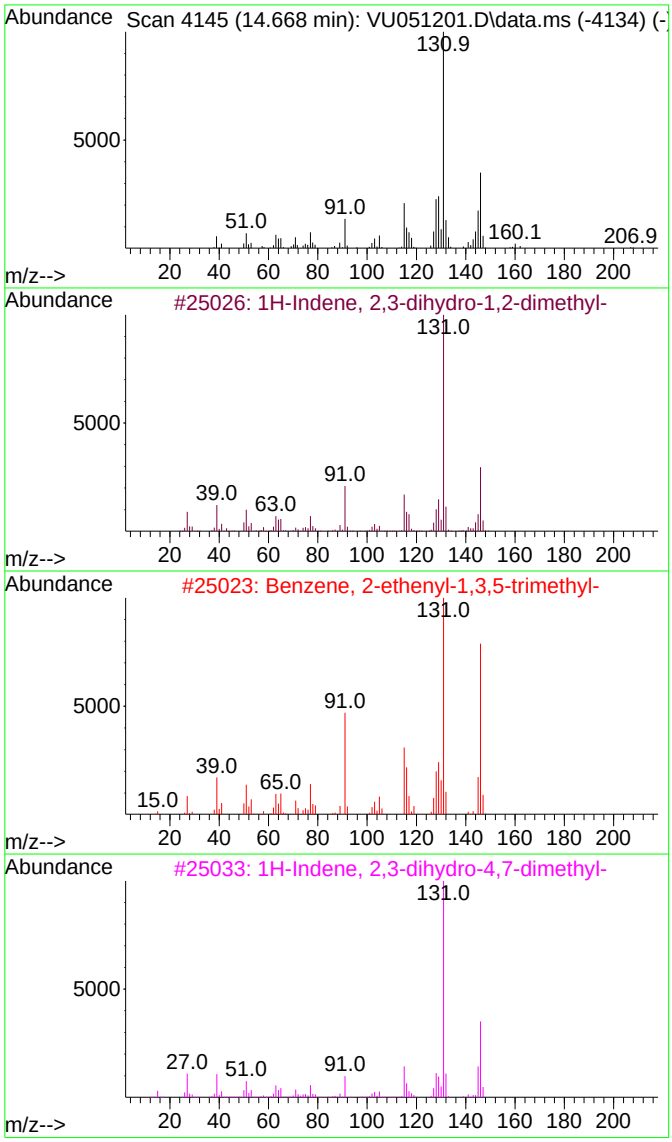
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

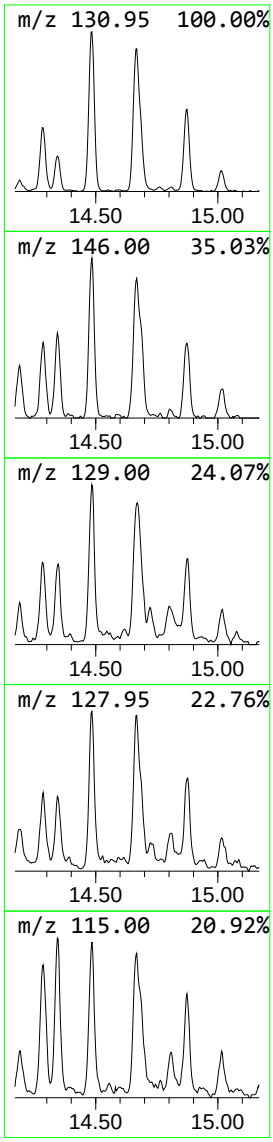
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.668	11.98 ug/L	281152	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

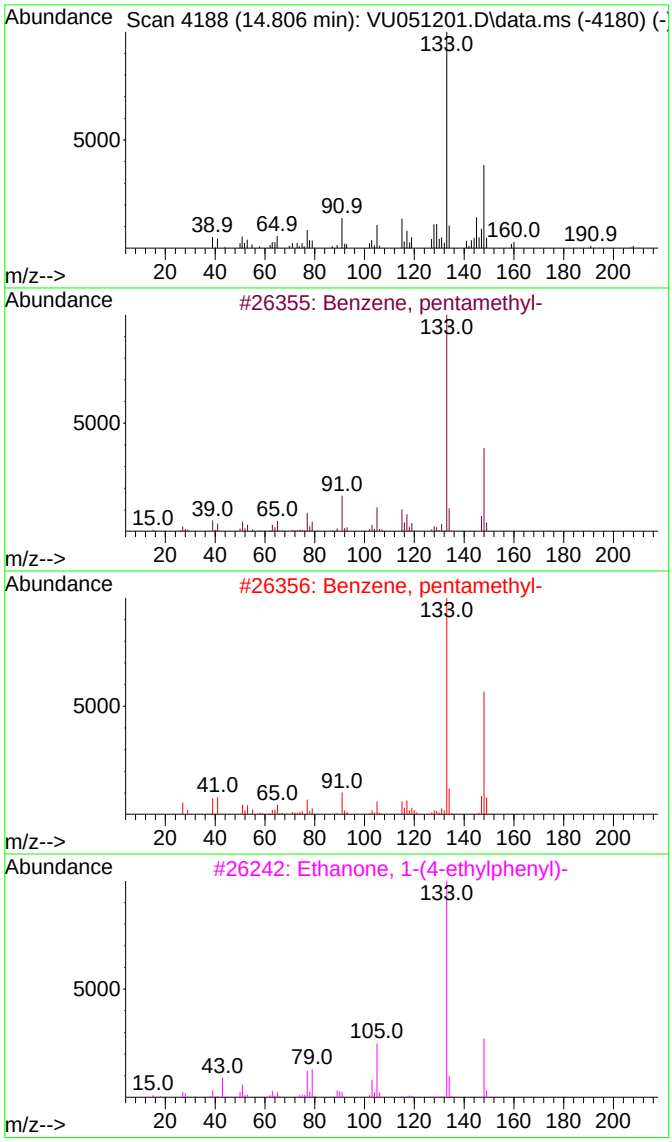
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

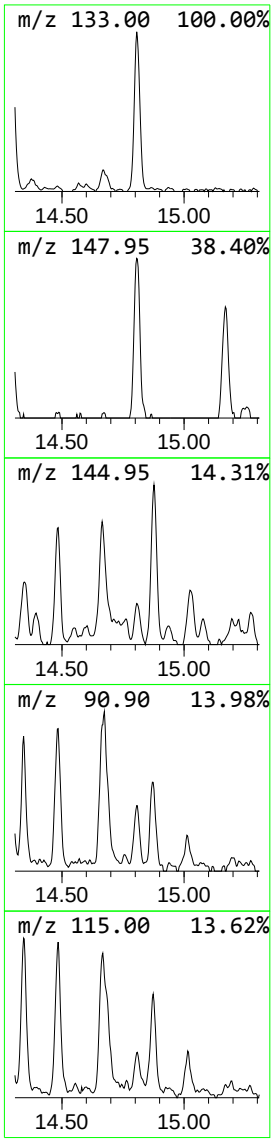
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, pentamethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.806	3.07 ug/L	72131	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	76
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

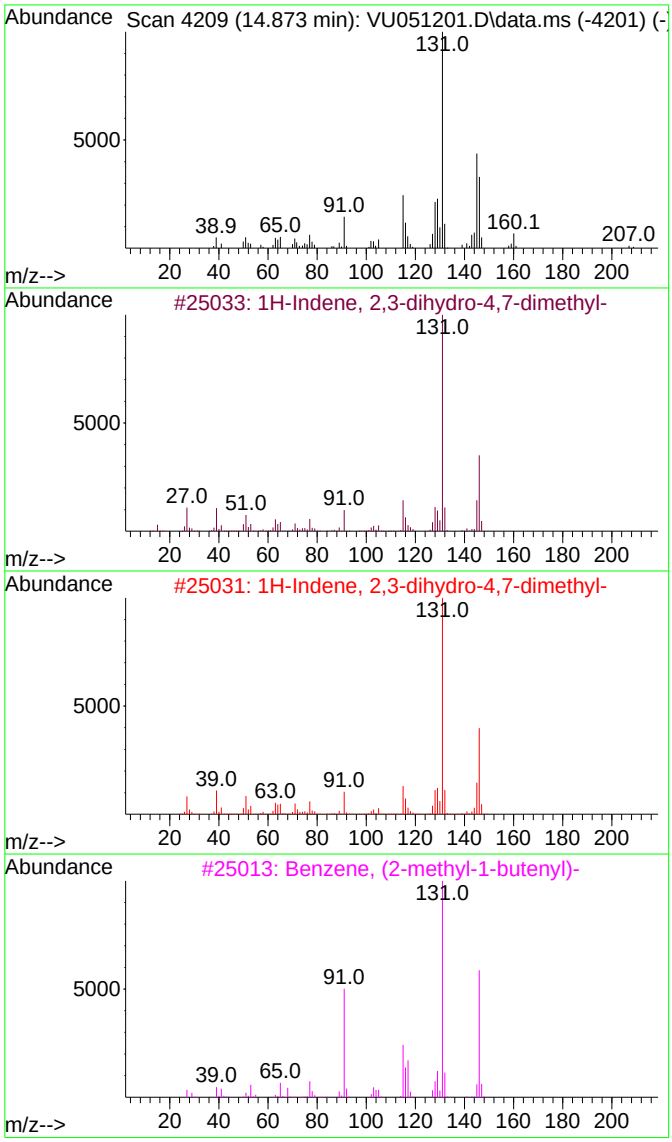
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

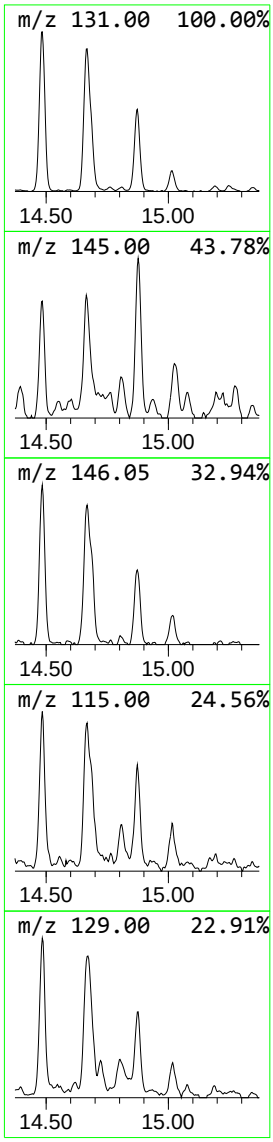
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.873	5.15 ug/L	120865	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	62
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	62
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	62
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	58
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
Acq On : 07 Oct 2022 03:13
Operator : JC/MD
Sample : N4890-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

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
(DEL) Alkane: S...	4.430	3.6	ug/L	67979	1	6.247	942297	50.0
(DEL) Alkane: S...	5.459	15.1	ug/L	284111	1	6.247	942297	50.0
(DEL) Alkane: S...	5.587	3.8	ug/L	72342	1	6.247	942297	50.0
(DEL) Alkane: S...	5.896	18.8	ug/L	355066	1	6.247	942297	50.0
Diisoamyl ether	7.253	9.0	ug/L	169874	1	6.247	942297	50.0
(DEL) Alkane: S...	7.378	12.1	ug/L	228634	1	6.247	942297	50.0
Benzene, propyl-	10.906	37.8	ug/L	887317	3	11.809	1173360	50.0
Benzene, 1-ethy...	11.021	32.9	ug/L	771198	3	11.809	1173360	50.0
Benzene, 1-ethy...	11.291	107.1	ug/L	2513800	3	11.809	1173360	50.0
Benzene, (2-met...	11.610	3.3	ug/L	76320	3	11.809	1173360	50.0
Benzene, 1,2,3-...	11.893	70.7	ug/L	1660110	3	11.809	1173360	50.0
Benzene, 2-prop...	12.095	61.8	ug/L	1449910	3	11.809	1173360	50.0
Benzene, 1,2-di...	12.298	5.4	ug/L	126772	3	11.809	1173360	50.0
Benzene, 1-meth...	12.375	18.0	ug/L	422818	3	11.809	1173360	50.0
Benzene, 2-ethy...	12.465	34.1	ug/L	800468	3	11.809	1173360	50.0
Benzene, 2-ethy...	12.568	61.4	ug/L	1440350	3	11.809	1173360	50.0
Benzene, 1-meth...	12.681	46.9	ug/L	1099790	3	11.809	1173360	50.0
Benzene, 4-ethy...	12.873	12.9	ug/L	301662	3	11.809	1173360	50.0
Benzene, 1,2,3,...	12.970	39.5	ug/L	926718	3	11.809	1173360	50.0
Benzene, 1,2,4,...	13.025	52.2	ug/L	1224090	3	11.809	1173360	50.0
Benzene, 2-ethe...	13.291	26.9	ug/L	631560	3	11.809	1173360	50.0
Benzene, 2,4-di...	13.407	4.6	ug/L	107568	3	11.809	1173360	50.0
Indan, 1-methyl-	13.452	77.4	ug/L	1815990	3	11.809	1173360	50.0
Cycloprop[a]ind...	13.623	10.9	ug/L	255193	3	11.809	1173360	50.0
Benzene, (1,2-d...	13.732	5.6	ug/L	132240	3	11.809	1173360	50.0
Benzene, (3-met...	13.783	9.8	ug/L	230569	3	11.809	1173360	50.0
Benzene, (1-met...	13.835	16.7	ug/L	392631	3	11.809	1173360	50.0
Azulene	14.082	19.7	ug/L	461831	3	11.809	1173360	50.0
Naphthalene, 1,...	14.188	3.2	ug/L	74423	3	11.809	1173360	50.0
1H-Indene-4-car...	14.285	6.4	ug/L	151083	3	11.809	1173360	50.0
Benzene, 1-pent...	14.343	5.0	ug/L	116934	3	11.809	1173360	50.0
1H-Indene, 2,3-...	14.484	8.3	ug/L	195091	3	11.809	1173360	50.0
1H-Indene, 2,3-...	14.668	12.0	ug/L	281152	3	11.809	1173360	50.0
Benzene, pentam...	14.806	3.1	ug/L	72131	3	11.809	1173360	50.0
1H-Indene, 2,3-...	14.873	5.2	ug/L	120865	3	11.809	1173360	50.0