LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

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\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	72	81	103	rVB	131955	185207	0.49%	0.190%
2	1.864	157	163	166	rBV2	1530	1586	0.00%	0.002%
3	1.916	170	179	198	rVV	76104	139825	0.37%	0.144%
4	2.064	221	225	227	rBV3	644	561	0.00%	0.001%
5	2.546	364	375	389	rBV	211878	343877	0.92%	0.353%
6	3.035	521	527	534	rBV5	1280	2040	0.01%	0.002%
7	3.179	556	572	592	rBV2	5859	16061	0.04%	0.016%
8	3.279	600	603	606	rBV3	267	222	0.00%	0.000%
9	4.658	1012	1032	1094	rBV2	65497	320926	0.86%	0.329%
10	5.063	1141	1158	1185	rVB2	219379	537949	1.43%	0.552%
11	5.202	1196	1201	1204	rBV2	307	298	0.00%	0.000%
12	5.723	1339	1363	1388	rBV2	560162	1412483	3.77%	1.450%
13	5.851	1400	1403	1407	rVB2	296	254	0.00%	0.000%
14	5.983	1433	1444	1458	rBV4	4905	13615	0.04%	0.014%
15	6.121	1483	1487	1492	rBV3	491	500	0.00%	0.001%
16	6.250	1511	1527	1557	rBV	280943	577451	1.54%	0.593%
17	6.469	1592	1595	1599	rBV2	268	230	0.00%	0.000%
18	6.536	1601	1616	1625	rBV7	4873	11207	0.03%	0.012%
19	6.597	1630	1635	1636	rBV3	1528	1095	0.00%	0.001%
20	6.690	1649	1664	1693	rVB	301841	623911	1.66%	0.640%
21	6.800	1695	1698	1707	rVB4	954	1411	0.00%	0.001%
22	7.195	1818	1821	1824	rBV2	295	214	0.00%	0.000%
23	7.227	1829	1831	1835	rBV2	341	241	0.00%	0.000%
24	7.256	1835	1840	1842	rBV4	417	370	0.00%	0.000%
25	7.501	1905	1916	1920	rVV4	962	1308	0.00%	0.001%
26	7.568	1922	1937	1959	rVV	176523	345560	0.92%	0.355%
27	7.652	1959	1963	1971	rVB5	1732	2481	0.01%	0.003%
28	7.690	1971	1975	1979	rBV2	430	394	0.00%	0.000%
29	7.793	1996	2007	2018	rBV3	1847	3275	0.01%	0.003%
30	7.835	2018	2020	2022	rBV3	577	366	0.00%	0.000%
31	7.899	2024	2040	2057	rBV	666679	1249036	3.33%	1.282%
32	8.131	2102	2112	2116	rBV6	2461	3430	0.01%	0.004%
33	8.182	2116	2128	2154	rVB	106431	233255	0.62%	0.239%
34	8.308	2164	2167	2172	rVB2	393	334	0.00%	0.000%
35	8.366	2180	2185	2192	rBV2	781	1170	0.00%	0.001%
36	8.465	2212	2216	2221	rBV2	495	686	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

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\SFAMULM112921WMA.M
Title : VOC Analysis

37	8.546	2230	2241	2251	rVB8	2956	5144	0.01%	0.005%
38	8.687	2260	2285	2314	rBV	212166	736090	1.96%	0.756%
39	8.825	2327	2328	2334	rVB3	557	261	0.00%	0.000%
40	8.864	2334	2340	2348	rVB4	1755	2662	0.01%	0.003%
41	8.925	2348	2359	2360	rBV2	2119	2694	0.01%	0.003%
42	9.022	2385	2389	2391	rBV2	443	395	0.00%	0.000%
43	9.057	2391	2400	2405	rVV4	1309	2282	0.01%	0.002%
44	9.121	2411	2420	2427	rBV5	2296	4110	0.01%	0.004%
45	9.176	2427	2437	2441	rVV6	3943	7572	0.02%	0.008%
46	9.211	2442	2448	2460	rVB5	10231	17682	0.05%	0.018%
47	9.259	2460	2463	2468	rVB2	555	357	0.00%	0.000%
48	9.337	2477	2487	2499	rBV2	9481	16194	0.04%	0.017%
49	9.423	2499	2514	2534	rBV	317826	729489	1.94%	0.749%
50	9.513	2540	2542	2548	rVB5	490	368	0.00%	0.000%
51	9.575	2548	2561	2575	rBV	55175	107422	0.29%	0.110%
52	9.700	2585	2600	2610	rBV	119961	253011	0.67%	0.260%
53	9.877	2646	2655	2657	rBV4	976	1361	0.00%	0.001%
54	9.960	2669	2681	2687	rBV7	1825	3906	0.01%	0.004%
55	10.021	2690	2700	2712	rBV6	14695	32243	0.09%	0.033%
56	10.112	2715	2728	2741	rVV	91515	186428	0.50%	0.191%
57	10.253	2761	2772	2784	rVB3	26098	48347	0.13%	0.050%
58	10.321	2786	2793	2795	rBV5	4499	5648	0.02%	0.006%
59	10.356	2798	2804	2811	rVV5	12615	18230	0.05%	0.019%
60	10.491	2832	2846	2854	rBV5	14350	30921	0.08%	0.032%
61	10.558	2857	2867	2875	rBV4	16959	32060	0.09%	0.033%
62	10.774	2921	2934	2958	rVB	431408	795262	2.12%	0.816%
63	10.912	2971	2977	2986	rVB	19899	30238	0.08%	0.031%
64	11.005	2997	3006	3021	rBV	105823	246491	0.66%	0.253%
65	11.115	3029	3040	3056	rVB2	216091	464853	1.24%	0.477%
66	11.301	3088	3098	3114	rBV	64543	136918	0.37%	0.141%
67	11.417	3128	3134	3141	rVV	56596	71782	0.19%	0.074%
68	11.475	3142	3152	3174	rVB	336111	589763	1.57%	0.605%
69	11.578	3175	3184	3191	rBV2	26026	49175	0.13%	0.050%
70	11.710	3216	3225	3230	rBV6	43029	82775	0.22%	0.085%
71	11.819	3249	3259	3271	rBV	483493	807298	2.15%	0.829%
72	12.102	3337	3347	3363	rBV3	147519	314797	0.84%	0.323%
73	12.198	3366	3377	3391	rVB2	792522	1368205	3.65%	1.404%
74	12.327	3409	3417	3428	rVB	282217	412128	1.10%	0.423%
75	12.468	3454	3461	3466	rBV3	56279	88818	0.24%	0.091%
76	12.928	3596	3604	3612	rBV	154649	256500	0.68%	0.263%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

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\SFAMULM112921WMA.M
Title : VOC Analysis

77	12.976	3613	3619	3626	rVB	157223	208207	0.56%	0.214%
78	13.031	3627	3636	3647	rBV2	466320	821638	2.19%	0.843%
79	13.295	3709	3718	3728	rVB3	191630	319381	0.85%	0.328%
80	13.356	3730	3737	3744	rBV4	57610	79776	0.21%	0.082%
81	13.455	3747	3768	3783	rBV5	371080	937215	2.50%	0.962%
82	13.562	3795	3801	3807	rBV	69123	95232	0.25%	0.098%
83	13.735	3847	3855	3864	rBV4	38289	71825	0.19%	0.074%
84	13.838	3879	3887	3893	rBV3	137968	224239	0.60%	0.230%
85	14.095	3953	3967	3983	rVB	16782476	27825791	74.19%	28.564%
86	14.211	3993	4003	4017	rVB	714742	1144248	3.05%	1.175%
87	14.488	4082	4089	4100	rVB	190601	280736	0.75%	0.288%
88	14.671	4136	4146	4169	rBV2	249843	540283	1.44%	0.555%
89	14.812	4183	4190	4198	rBV	111345	156917	0.42%	0.161%
90	14.877	4204	4210	4221	rVB2	228301	367434	0.98%	0.377%
91	15.169	4295	4301	4307	rBV	308988	437200	1.17%	0.449%
92	15.233	4308	4321	4344	rVB	21866065	37507667	100.00%	38.502%
93	15.340	4346	4354	4363	rBV	219187	357504	0.95%	0.367%
94	15.414	4365	4377	4398	rVB	6747023	10949664	29.19%	11.240%
95	15.951	4536	4544	4559	rVB	276220	448773	1.20%	0.461%
96	16.147	4598	4605	4613	rBV	92286	128946	0.34%	0.132%
97	16.259	4631	4640	4662	rVB	129533	260326	0.69%	0.267%
98	16.407	4678	4686	4693	rBV2	77363	116451	0.31%	0.120%
99	17.095	4893	4900	4920	rVB3	23979	47984	0.13%	0.049%
100	17.404	4987	4996	5008	rVB	55589	96570	0.26%	0.099%

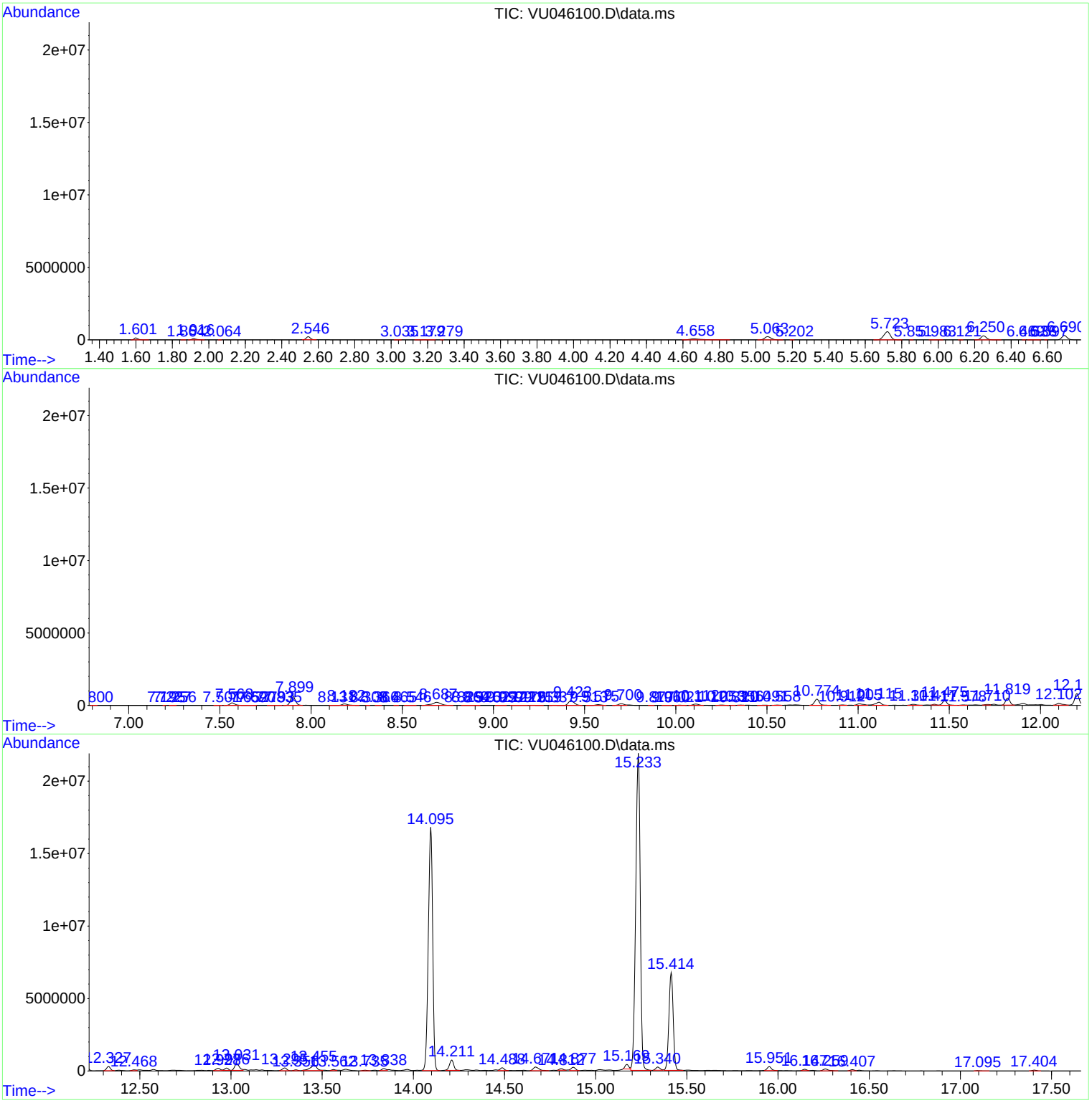
Sum of corrected areas: 97416716

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

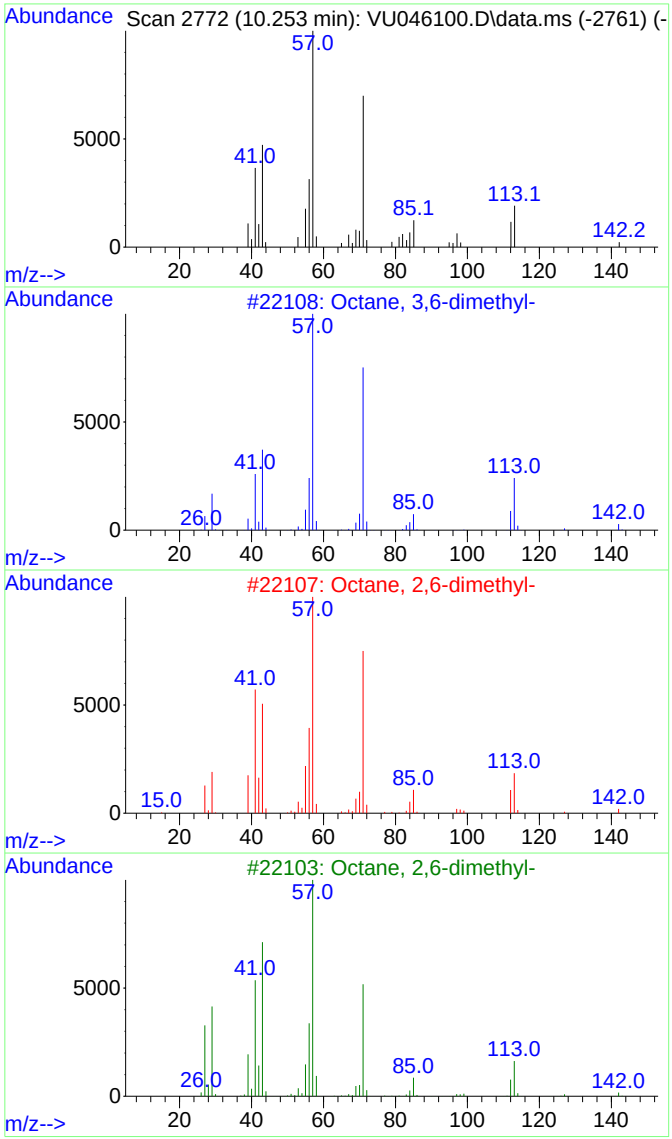
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

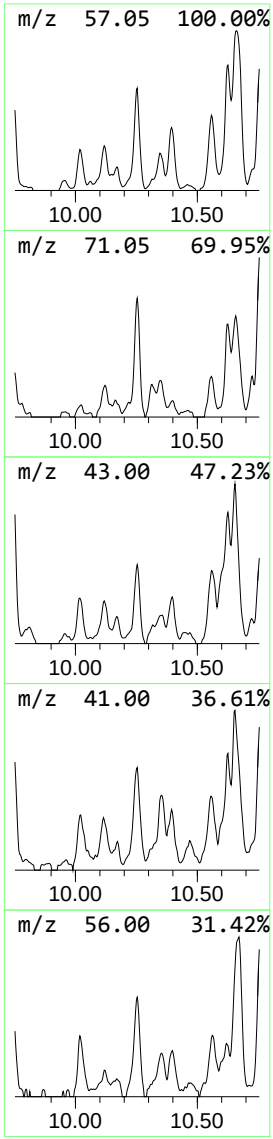
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.253	3.31 ug/L	48347	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	80
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

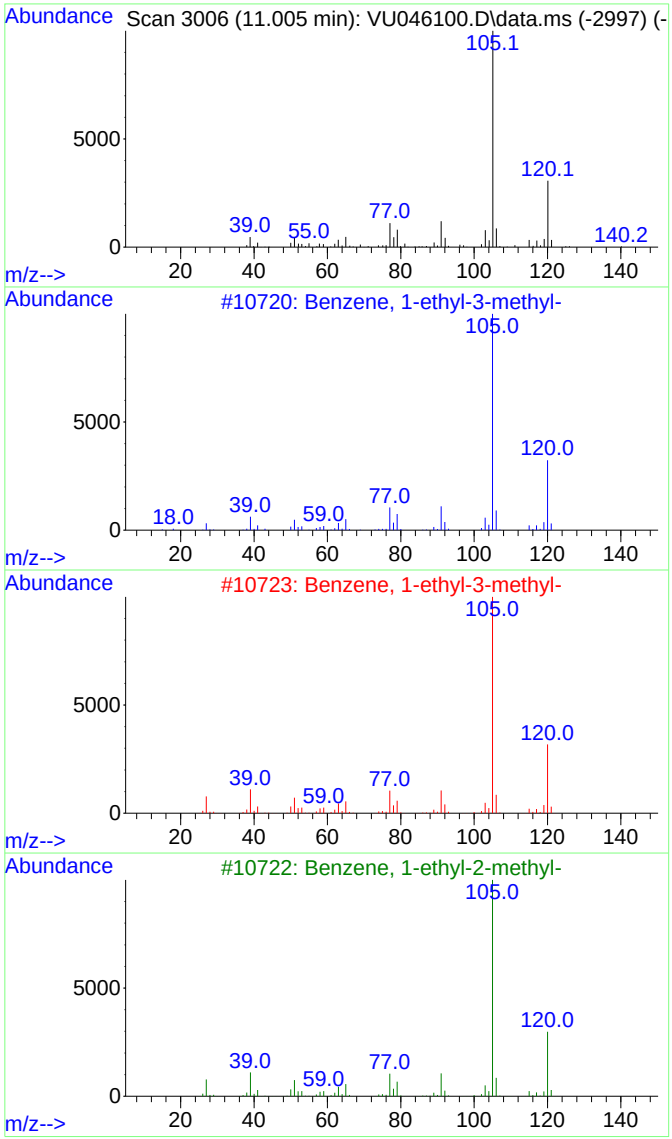
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

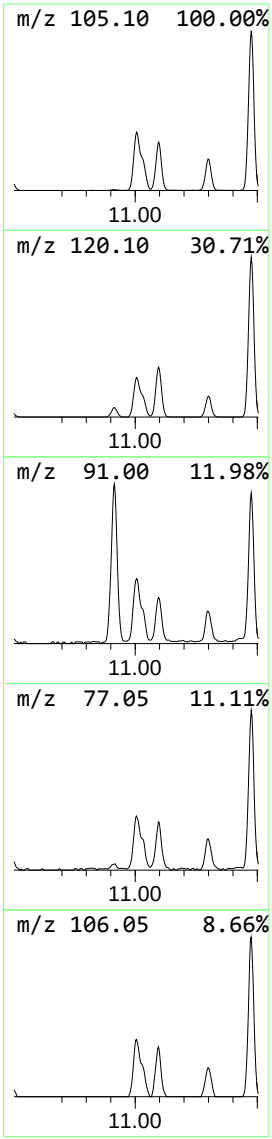
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	15.27 ug/L	246491	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

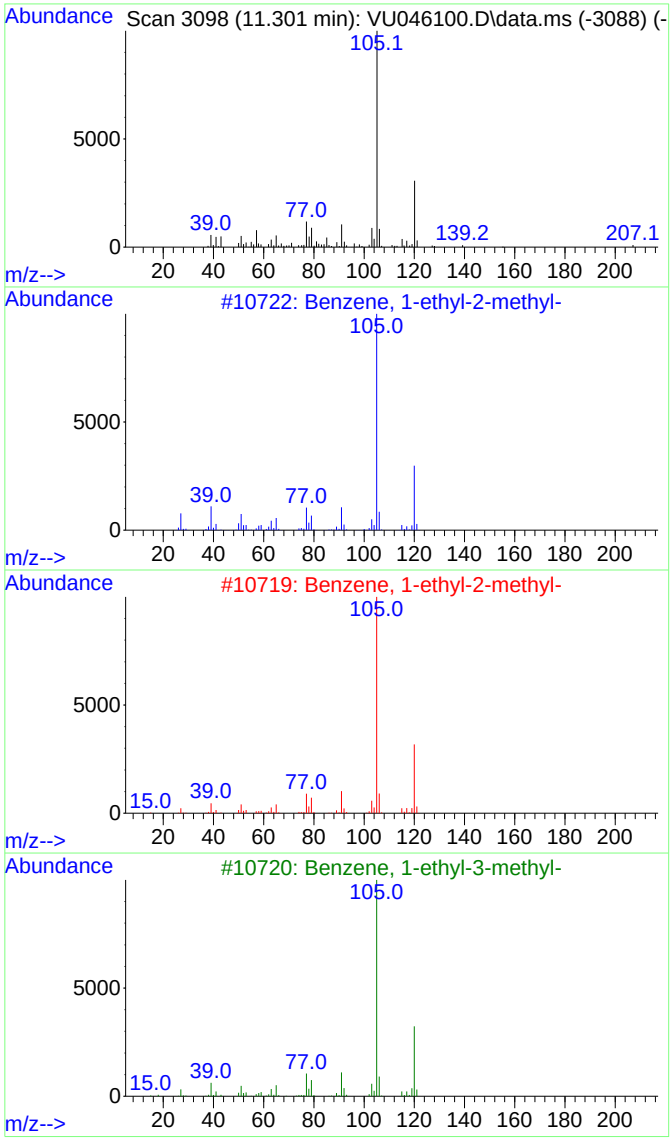
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

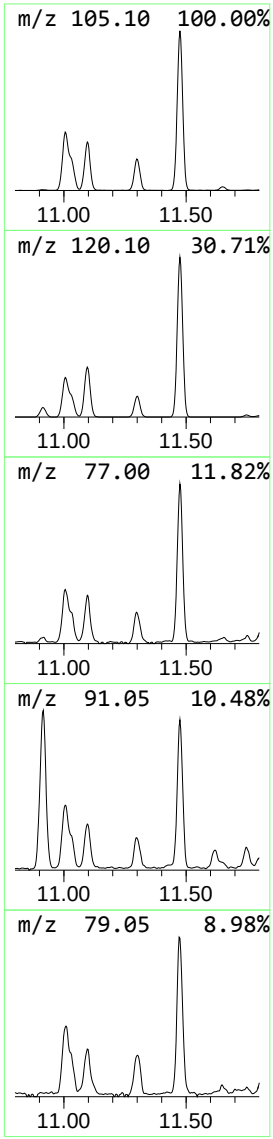
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.301	8.48 ug/L	136918	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

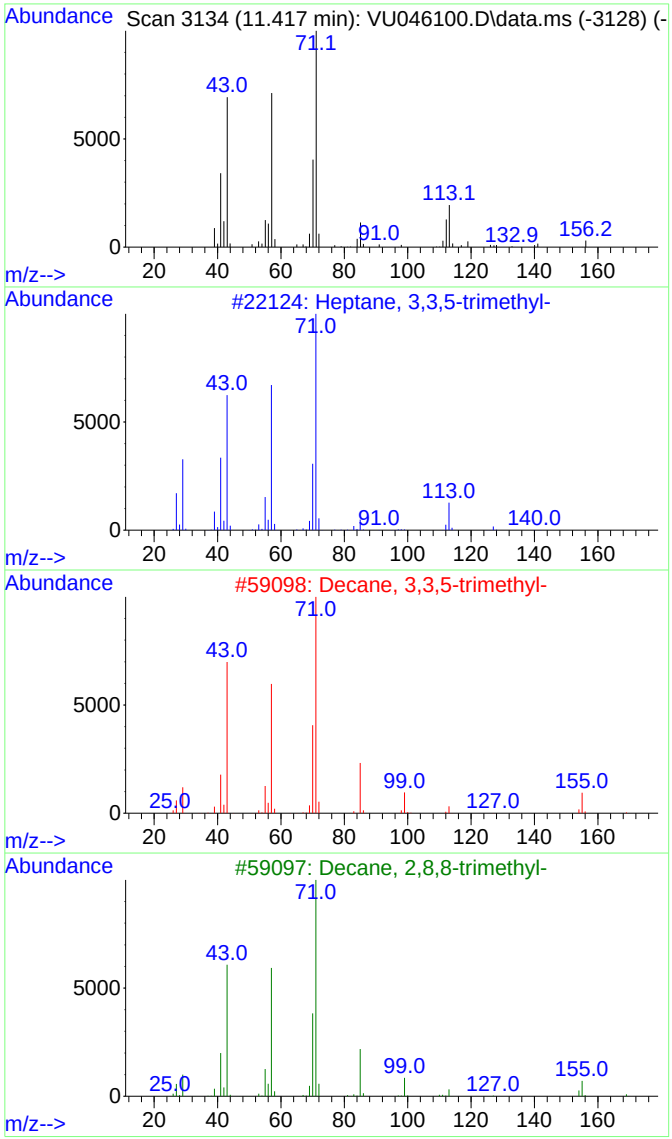
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

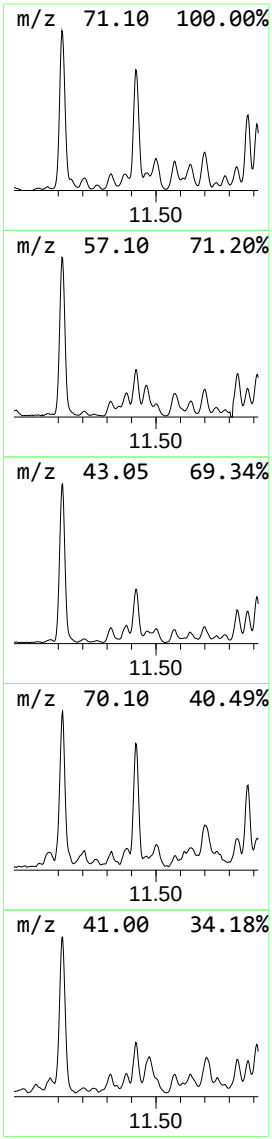
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	4.45 ug/L	71782	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
2	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	59
3	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	59
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
5	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

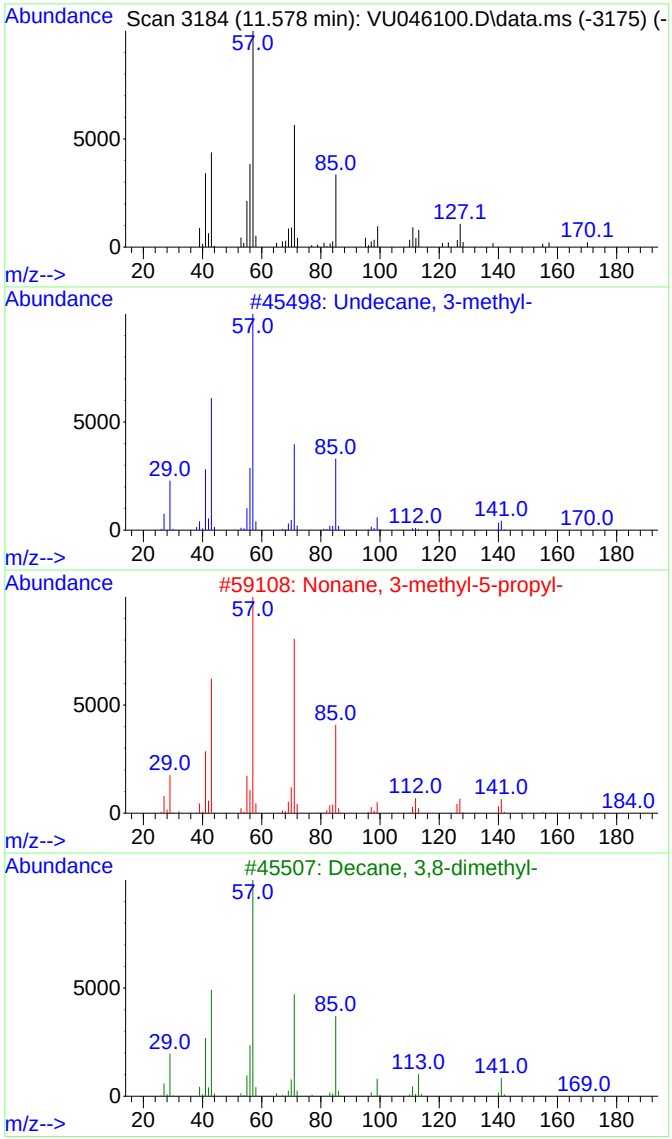
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

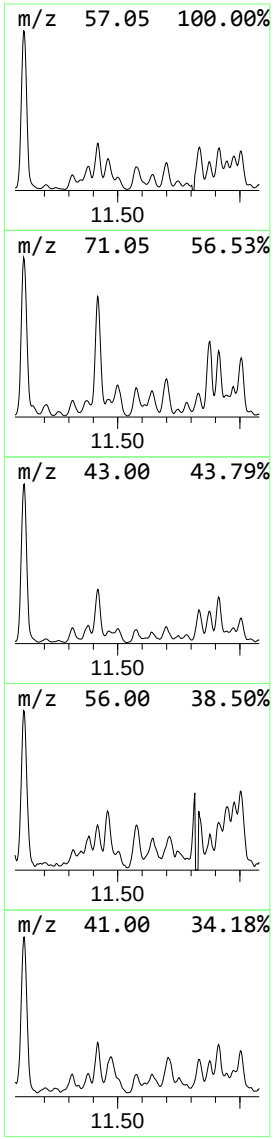
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.578	3.05 ug/L	49175	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

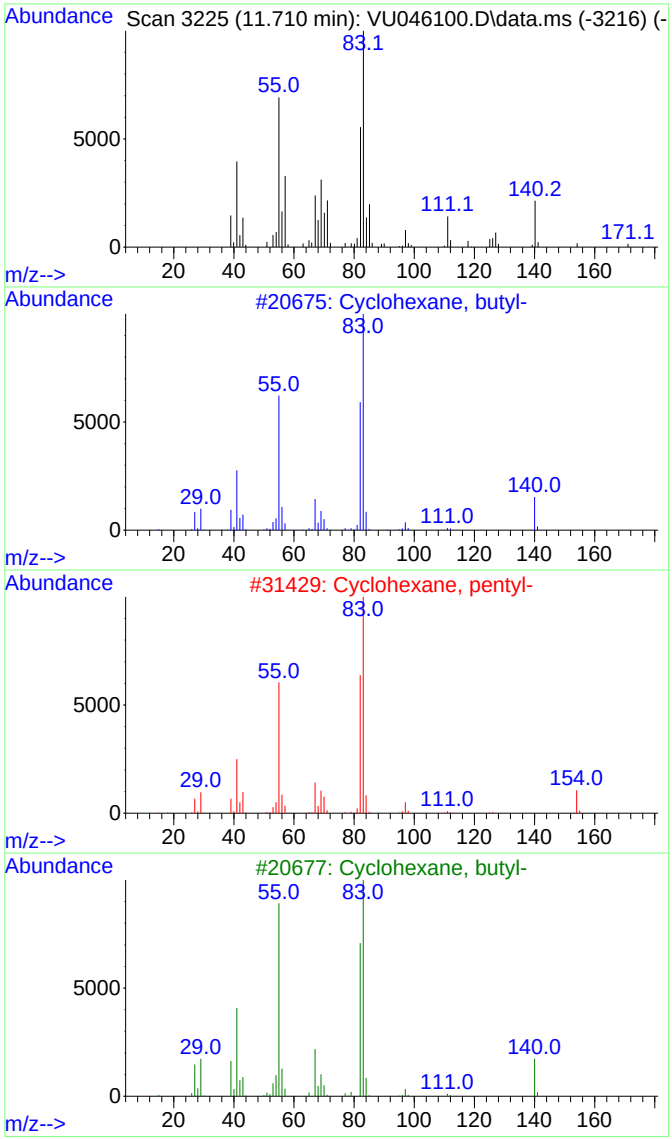
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

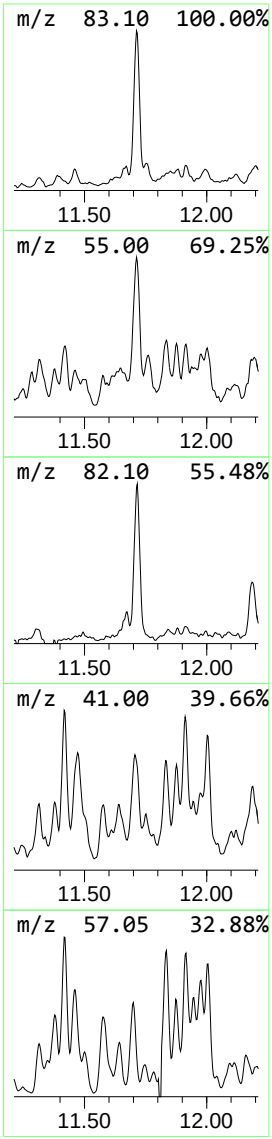
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic11.710 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	5.13 ug/L	82775	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	4-Methylthiomorpholine-1,1-dioxide	149	C5H11NO2S	025343-91-3	50
5	1-Cyclohexylethanol, chlorodiflu...	240	C10H15ClF2O2	1000447-27-0	50





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

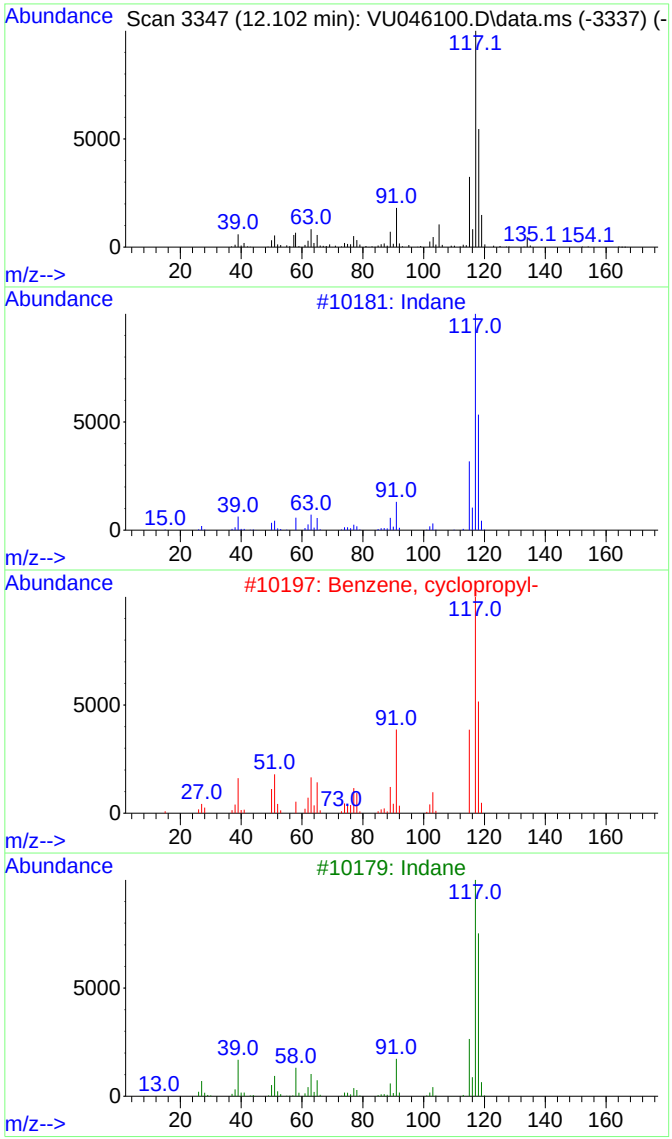
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

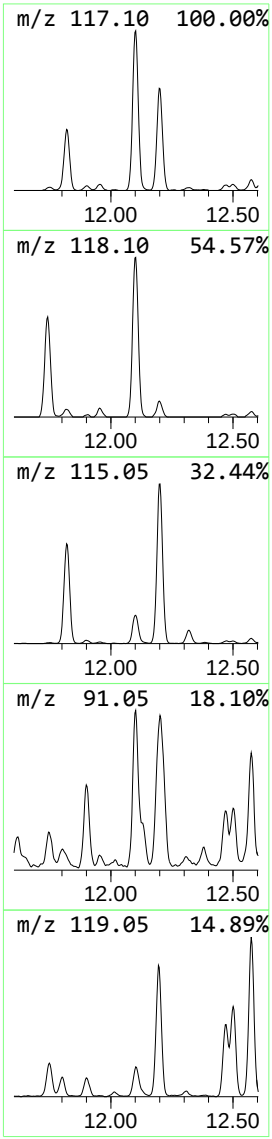
****

Peak Number 8 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	19.50 ug/L	314797	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

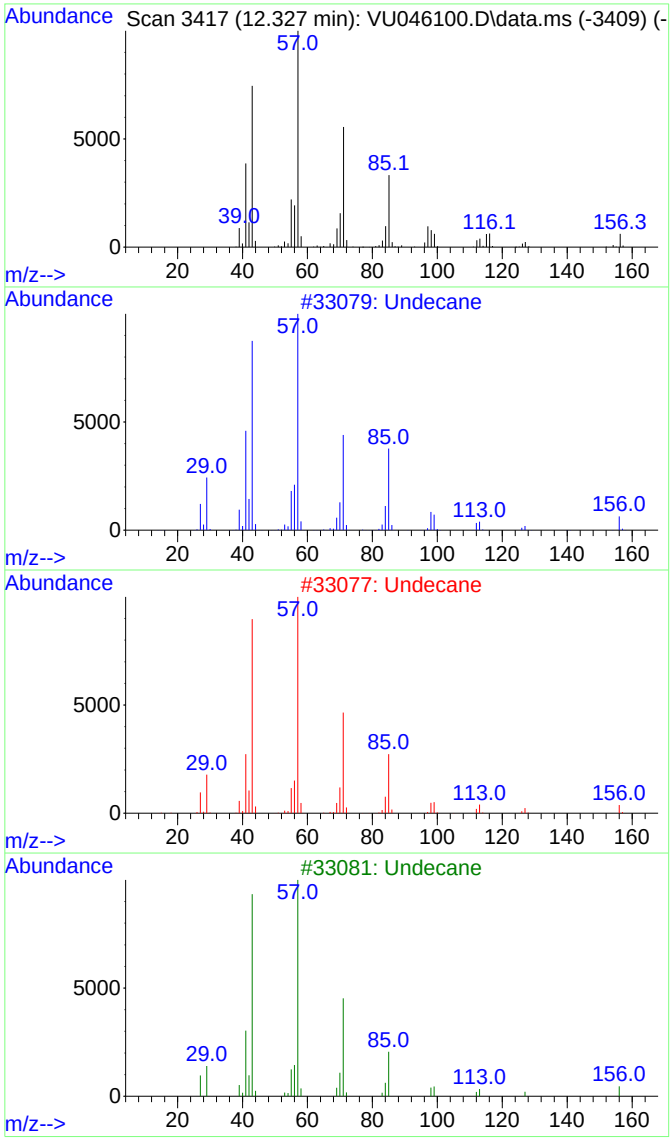
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

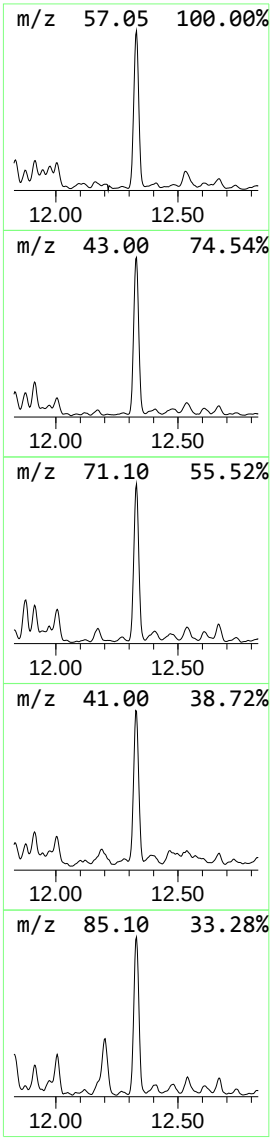
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	25.53 ug/L	412128	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	90
4	Undecane	156	C11H24	001120-21-4	89
5	Hexadecane	226	C16H34	000544-76-3	80





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

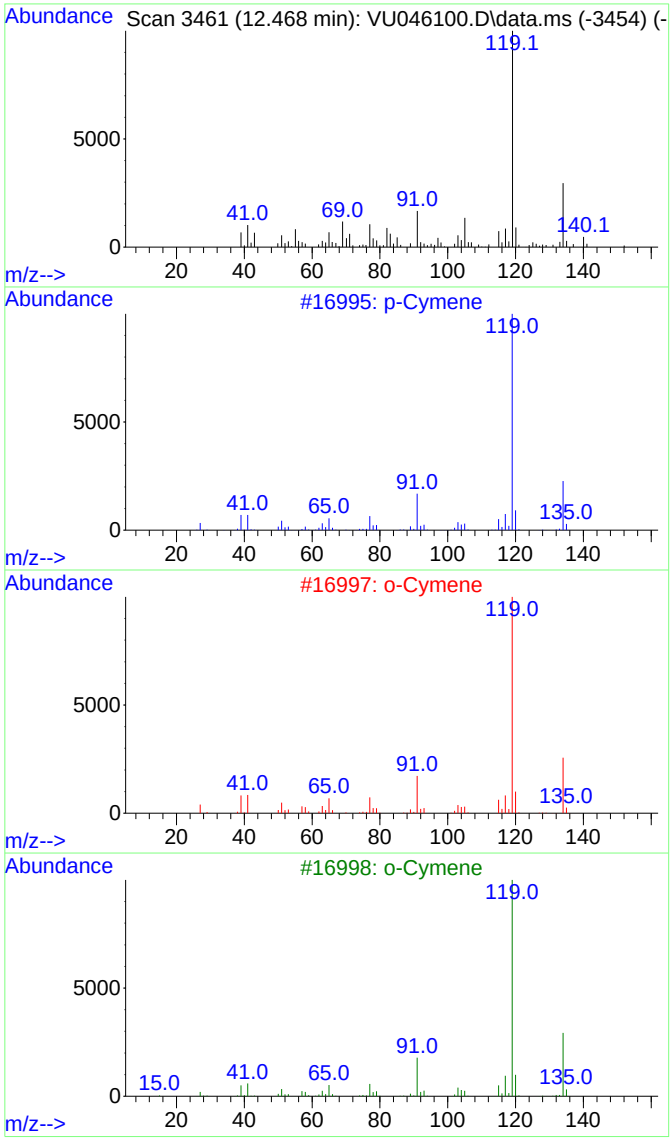
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

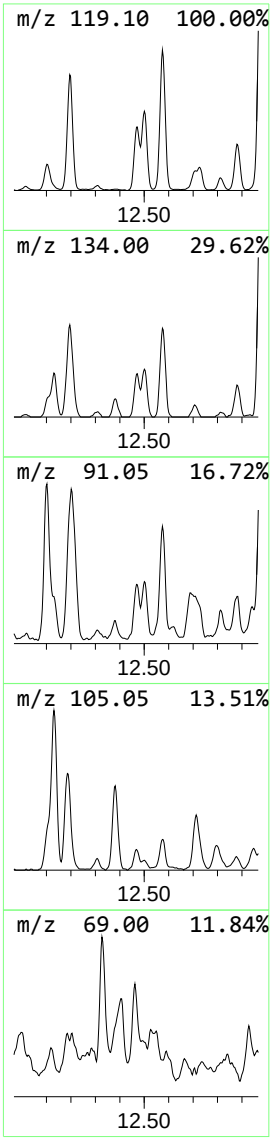
****

Peak Number 10 p-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	5.50 ug/L	88818	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

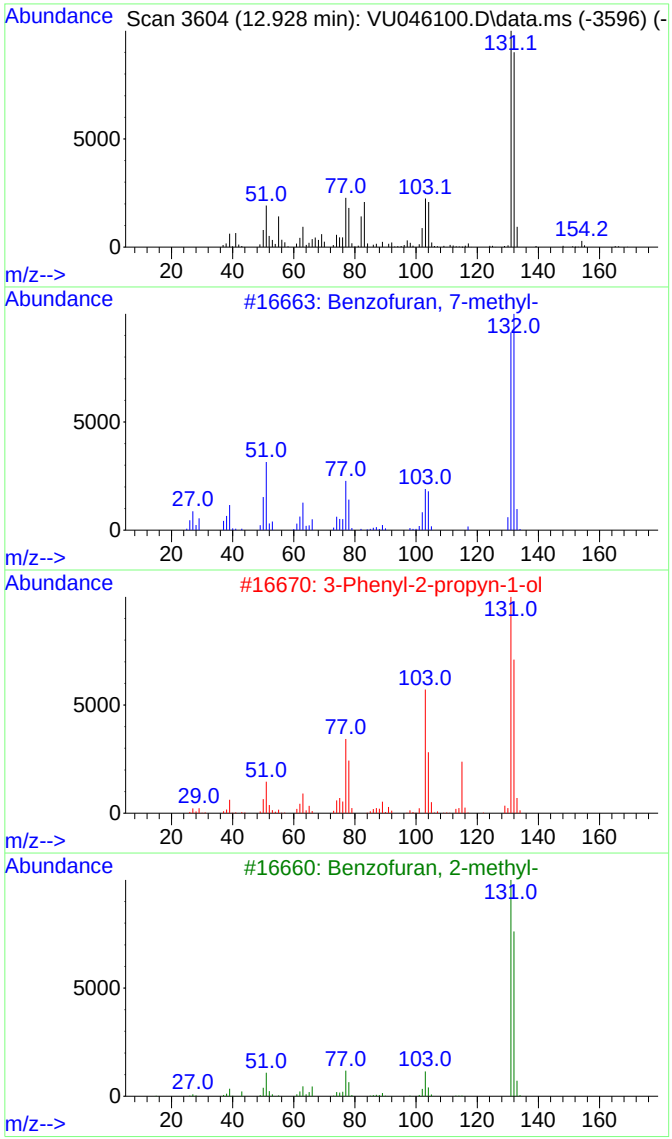
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

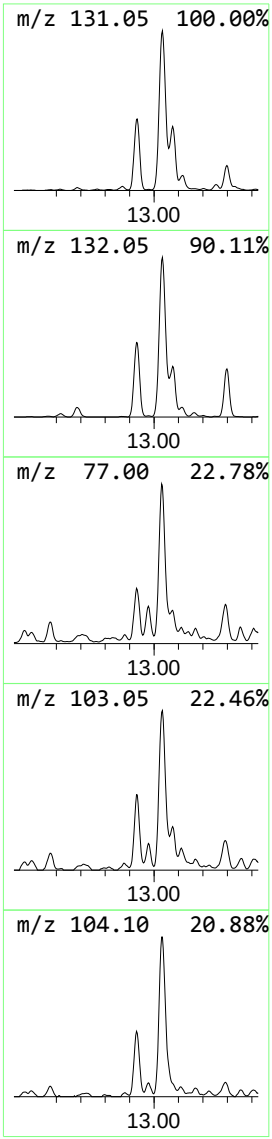
****

Peak Number 11 Benzofuran, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	15.89 ug/L	256500	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	1H-Indenol	132	C9H8O	056631-57-3	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

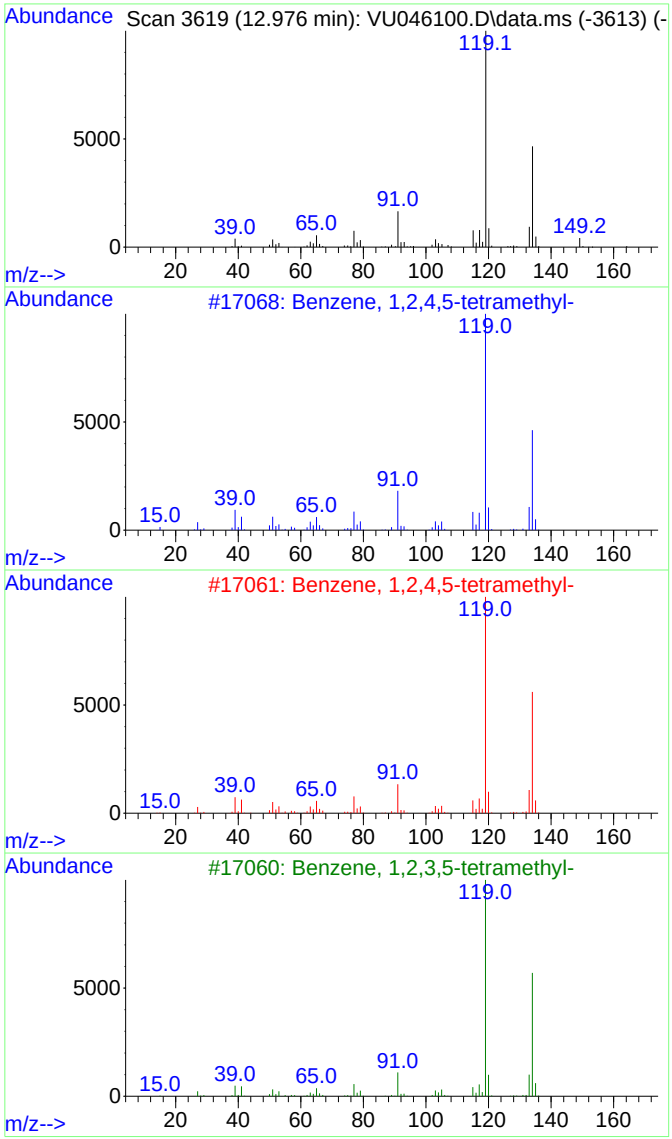
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

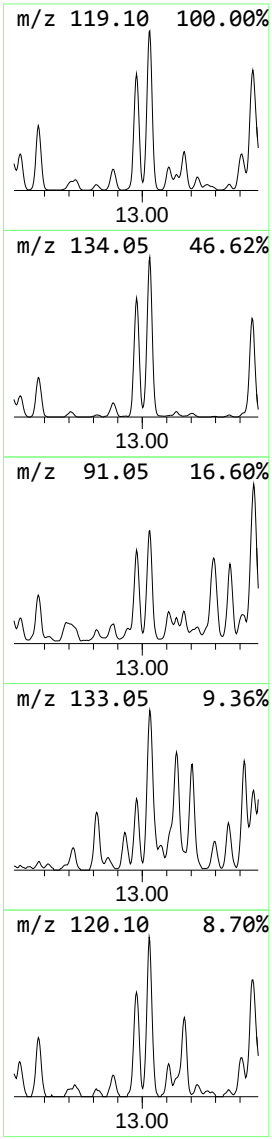
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	12.90 ug/L	208207	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

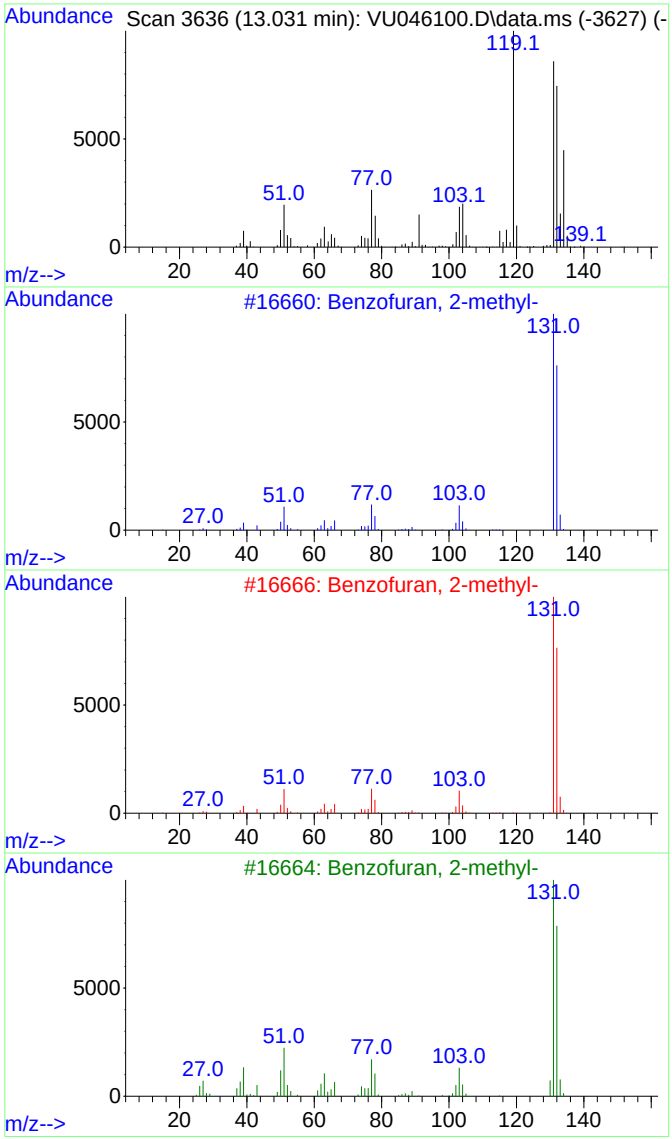
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

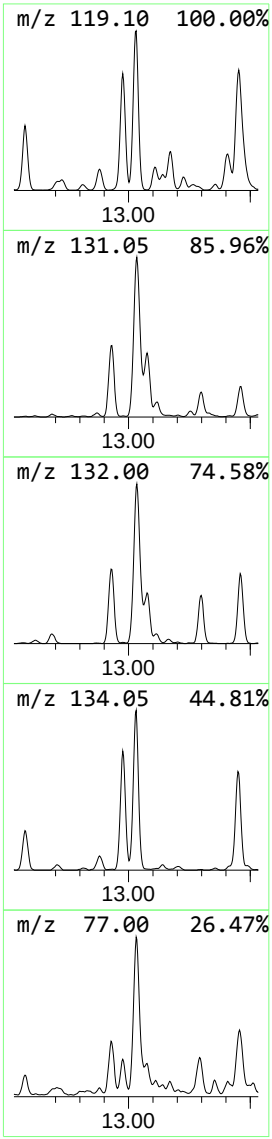
****

Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	50.89 ug/L	821638	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	78
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	60
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	50





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

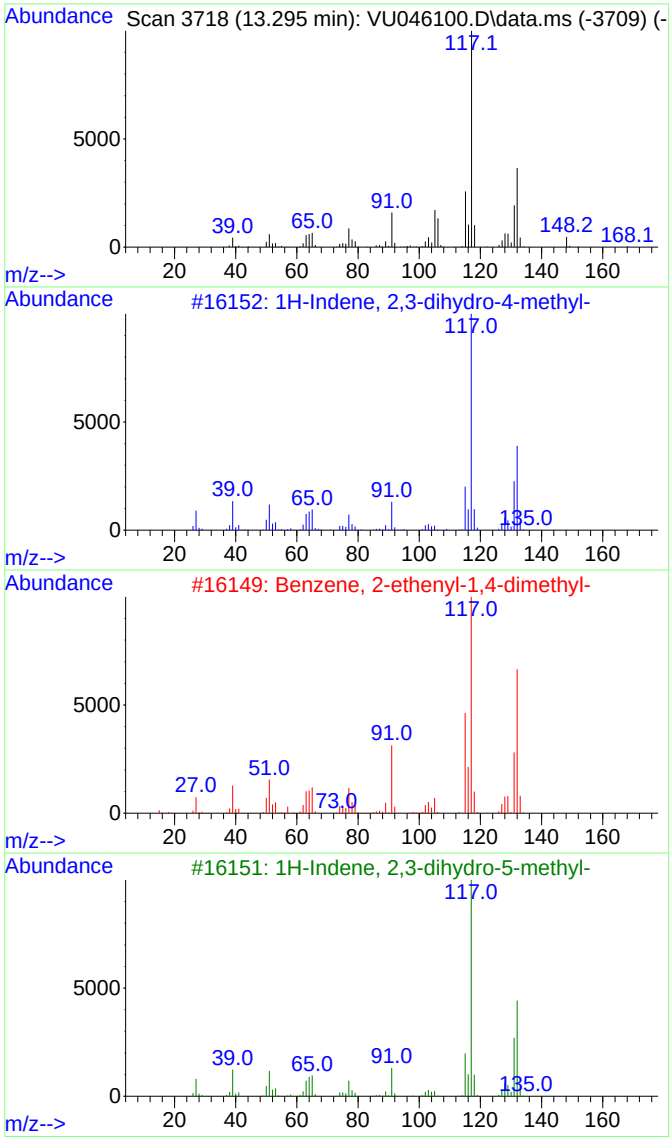
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

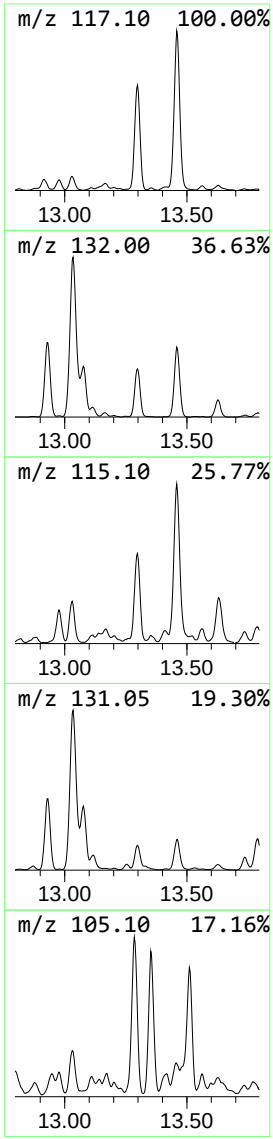
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.295	19.78 ug/L	319381	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

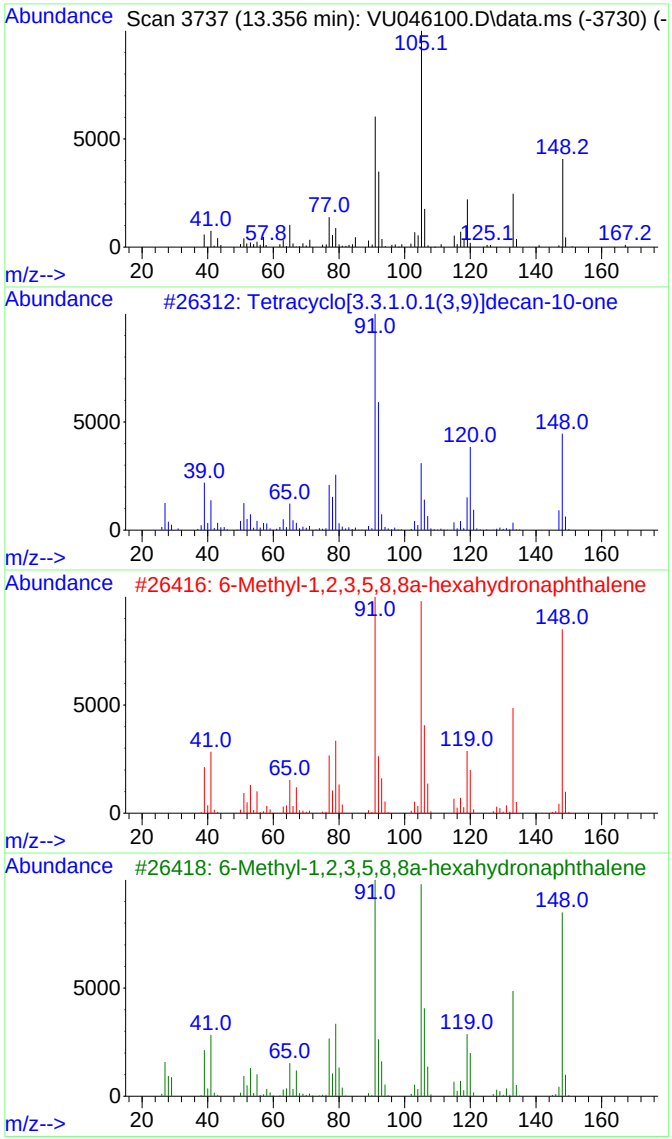
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

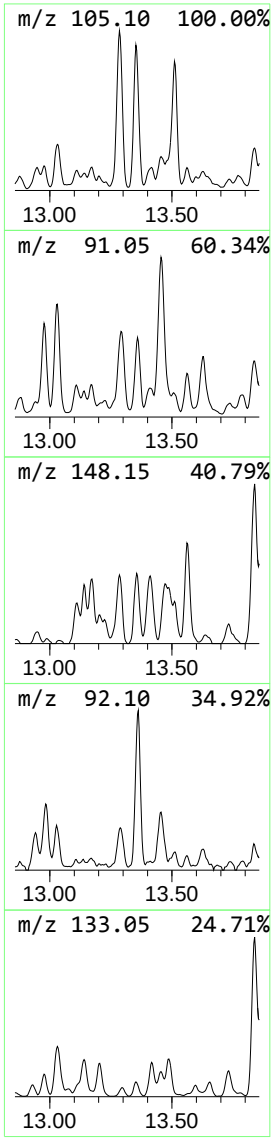
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Tetracyclo[3.3.1.0.1(3,9)]d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.356	4.94 ug/L	79776	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0.1(3,9)]decan-...	148	C10H12O	016492-06-1	59
2	6-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-86-3	58
3	6-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-86-3	58
4	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	53
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	47





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Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

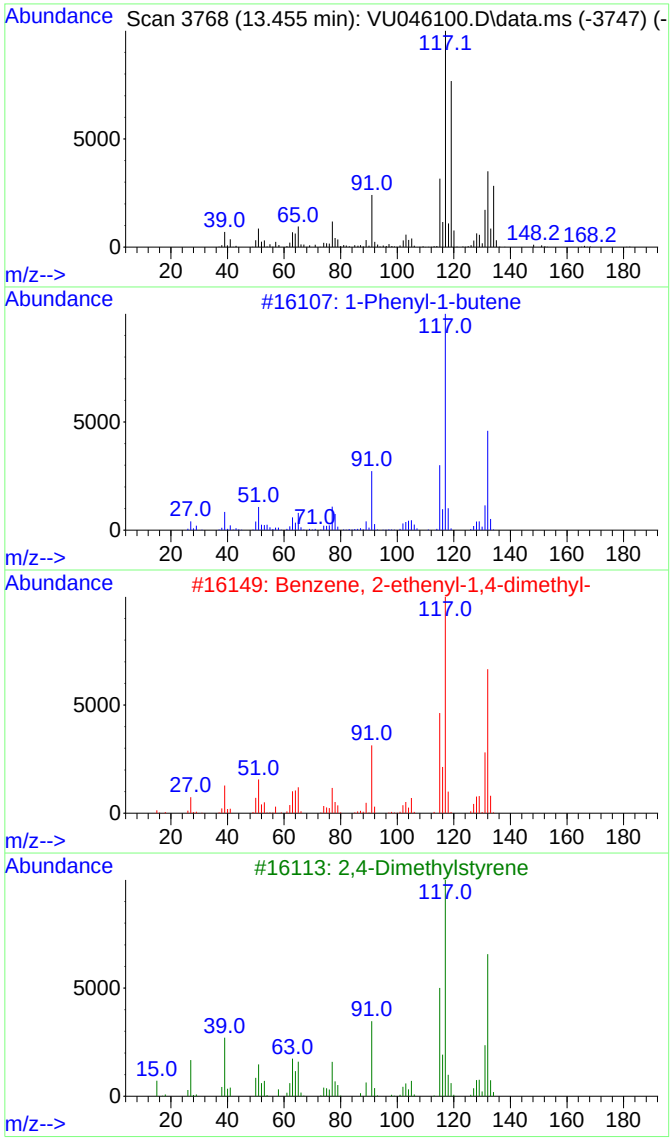
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

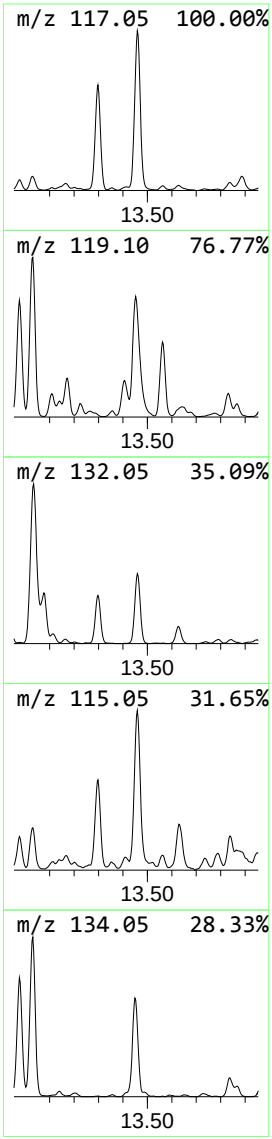
****

Peak Number 16 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	58.05 ug/L	937215	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	78
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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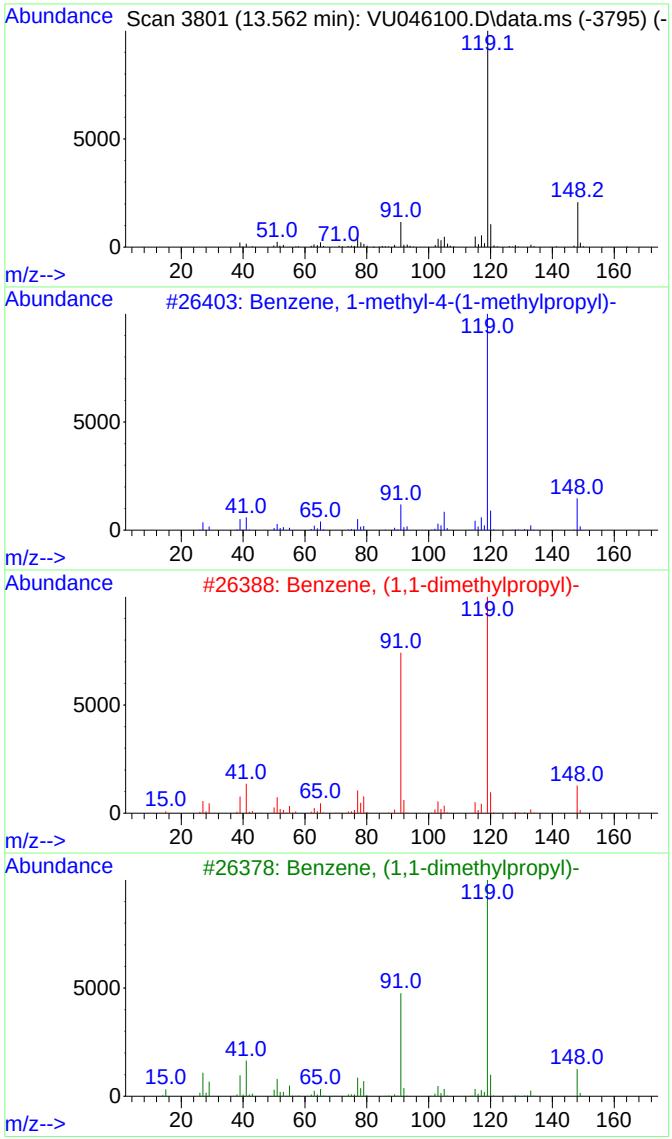
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

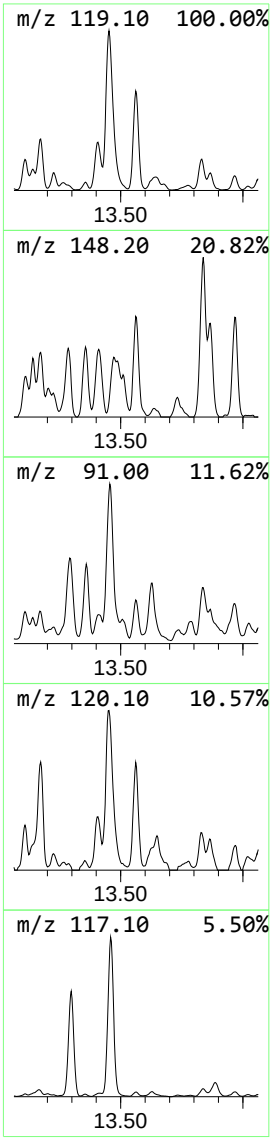
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.562	5.90 ug/L	95232	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

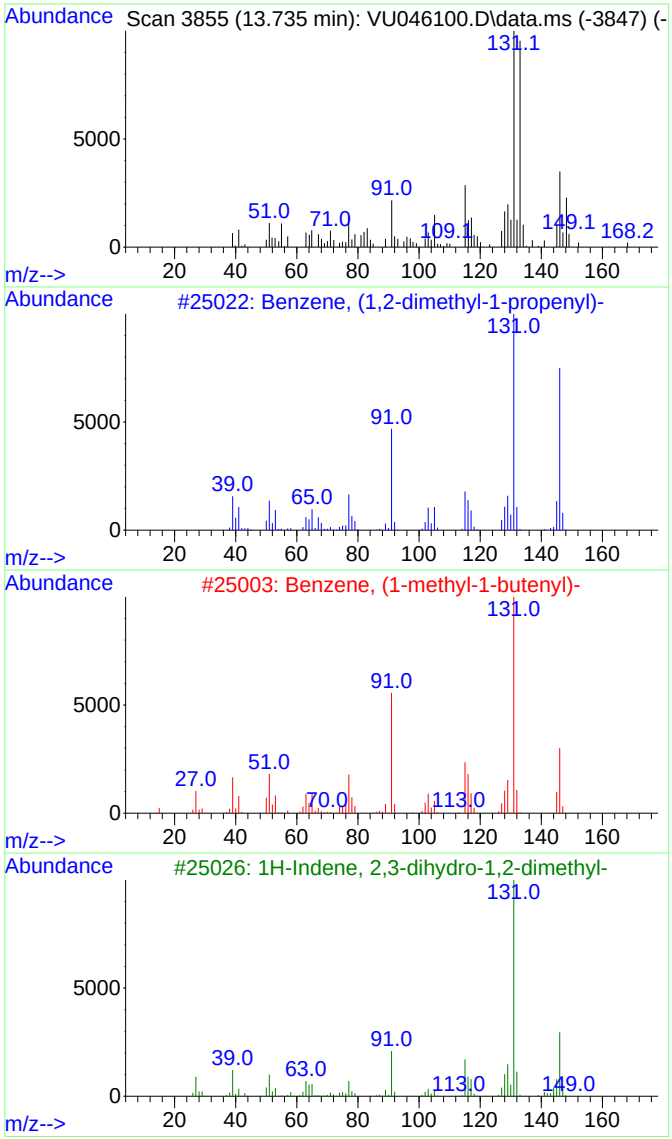
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

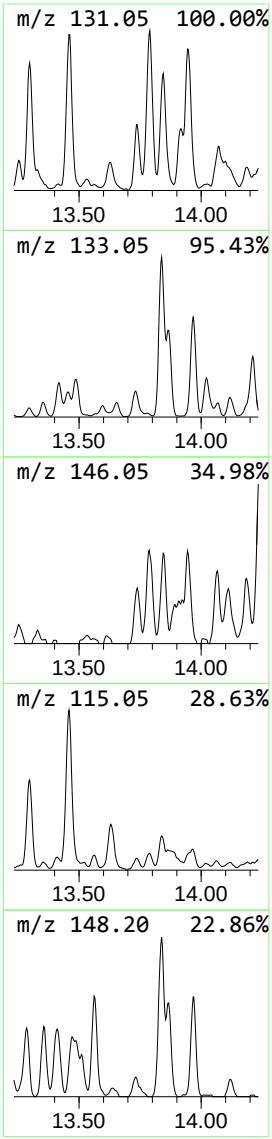
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.735	4.45 ug/L	71825	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	78
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50





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Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

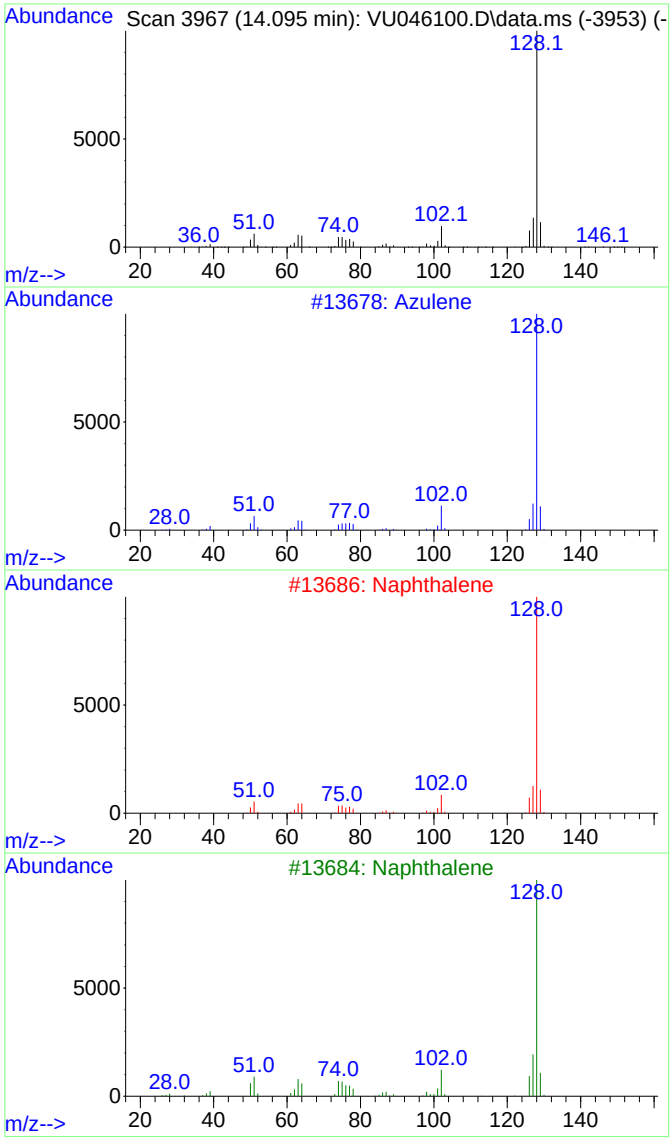
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

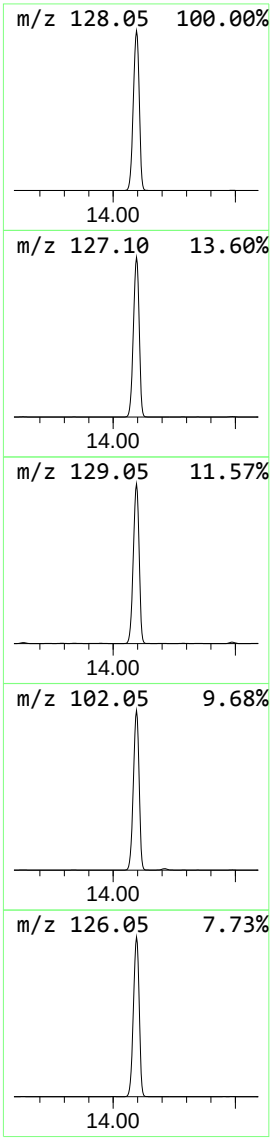
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	1723.39 ug/L	27825800	1,4-Dichlorobenzene-d4	11.819

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

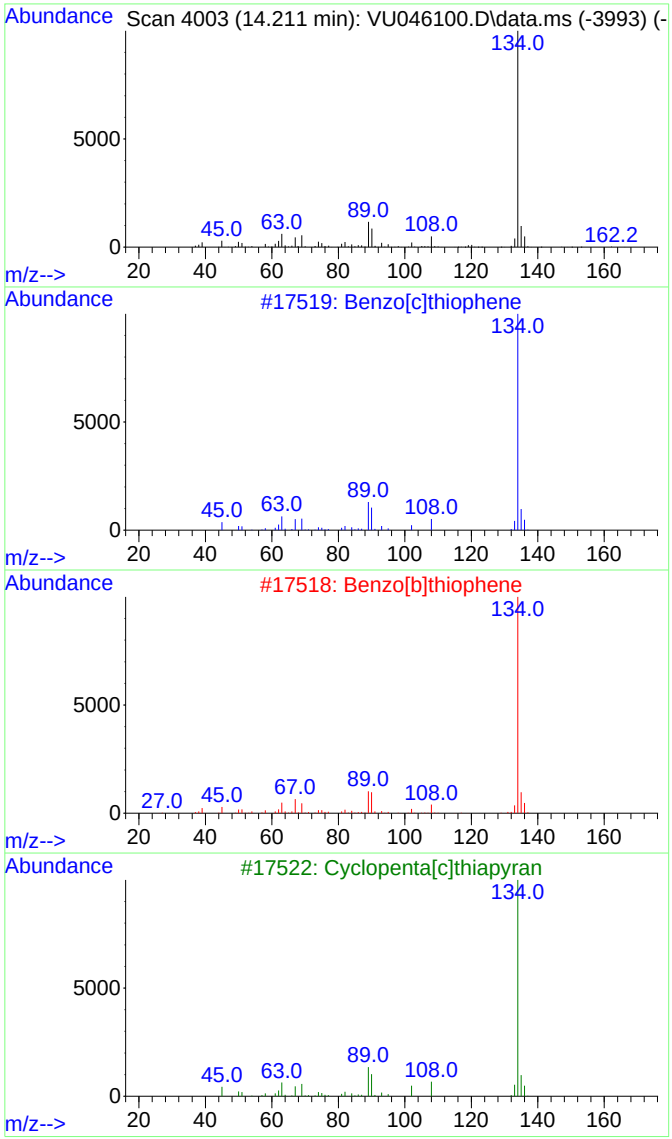
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

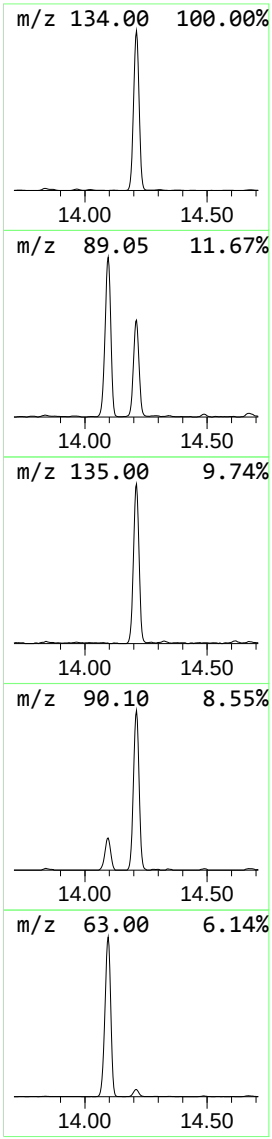
****

Peak Number 20 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.211	70.87 ug/L	1144250	1,4-Dichlorobenzene-d4	11.819

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	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

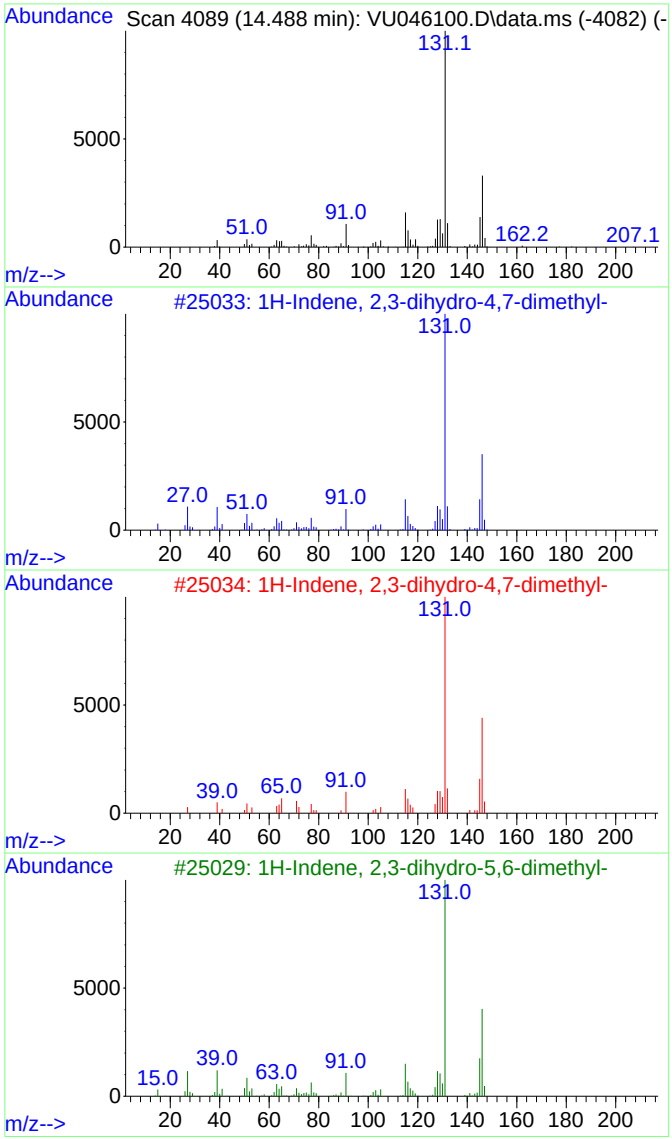
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

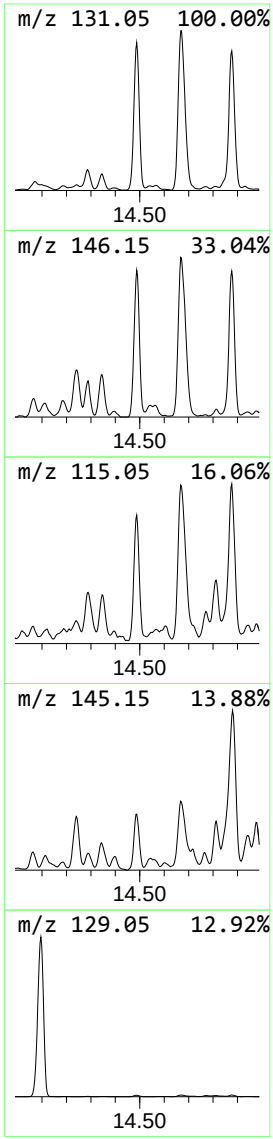
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.488	17.39 ug/L	280736	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

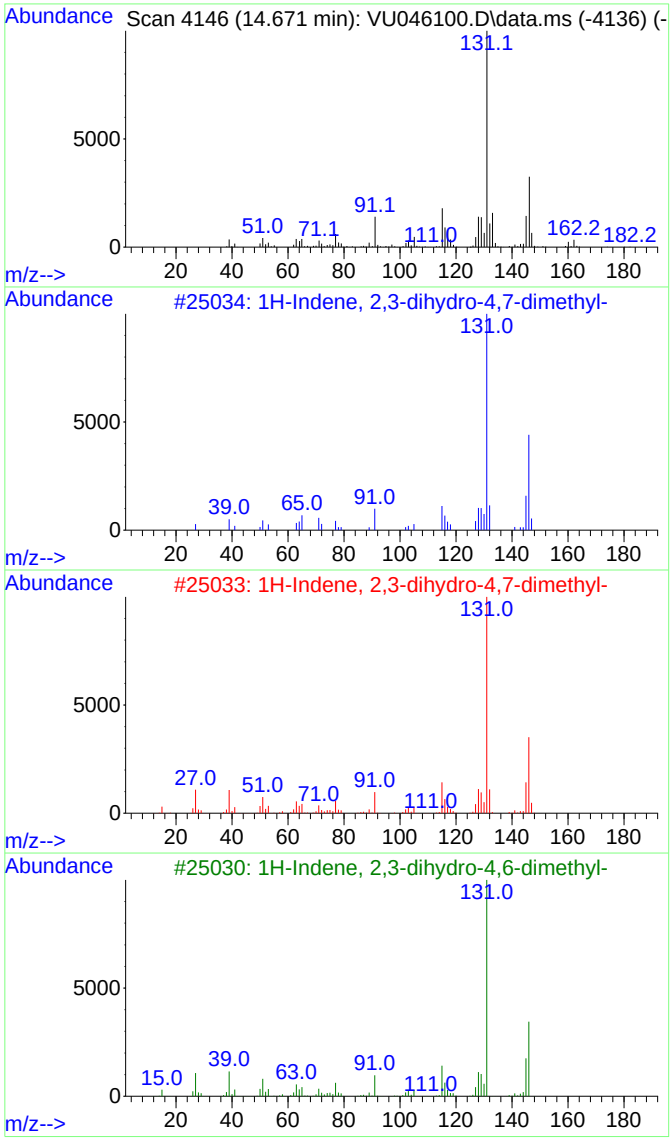
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

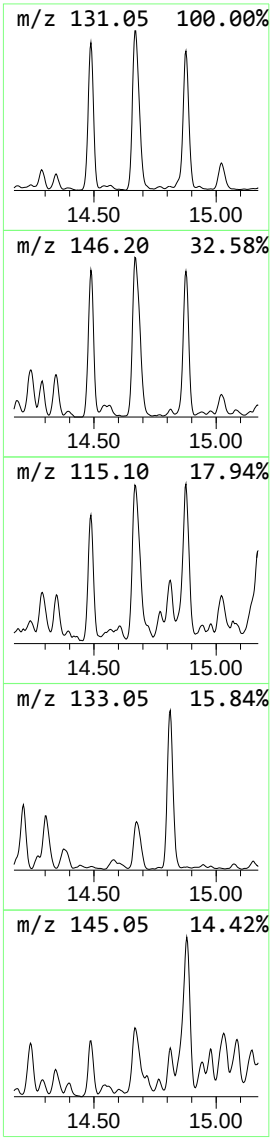
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.671	33.46 ug/L	540283	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

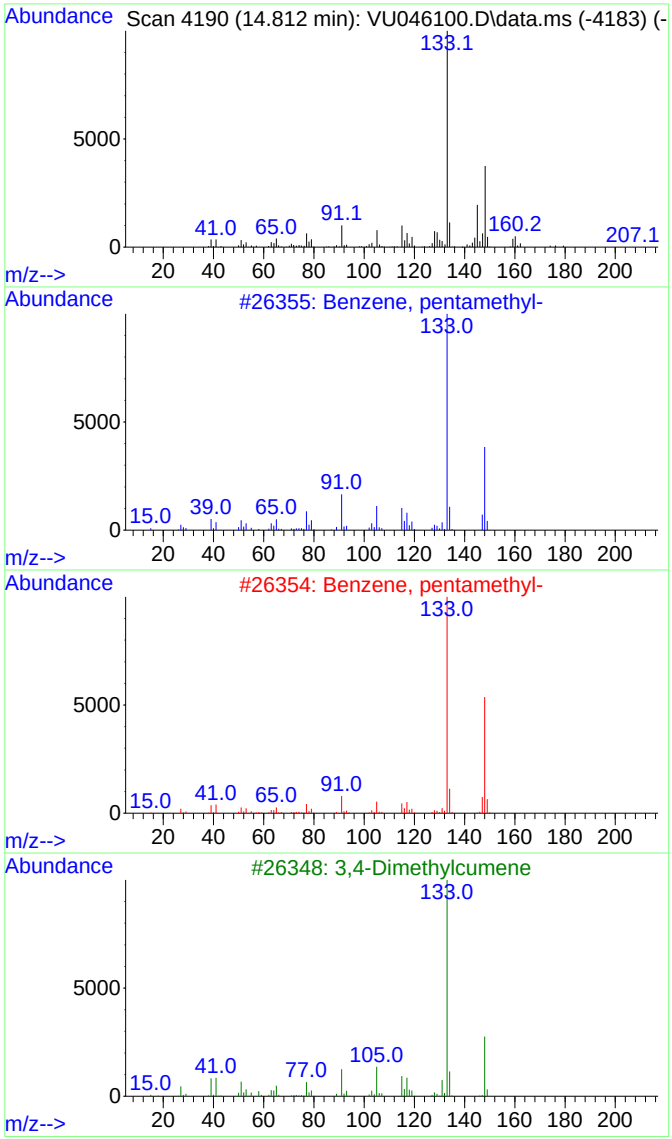
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

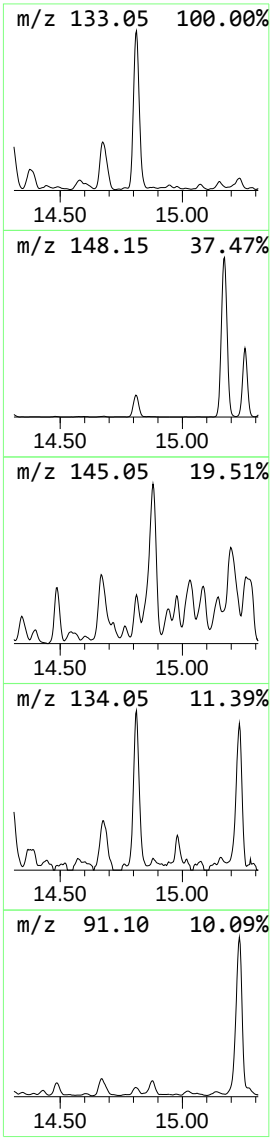
****

Peak Number 23 Benzene, pentamethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.812	9.72 ug/L	156917	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	89
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	70
4	6-Methyl-4-indanol	148	C10H12O	020294-32-0	64
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

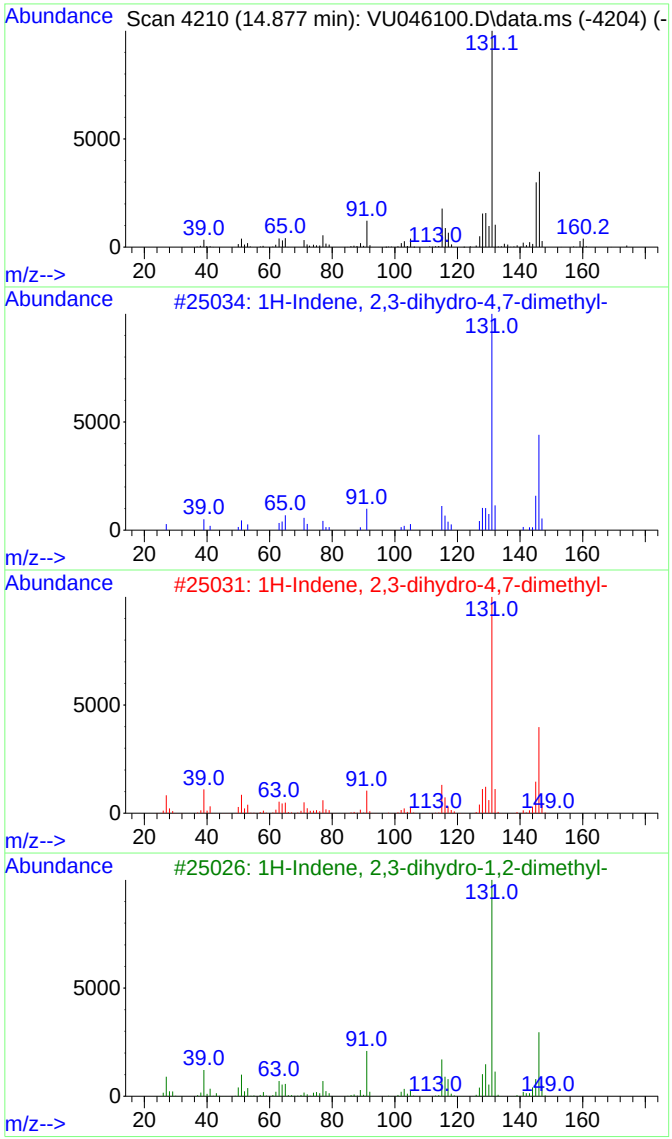
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

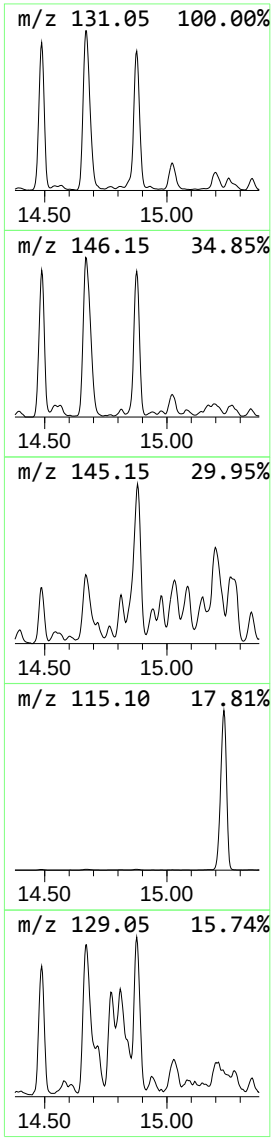
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.877	22.76 ug/L	367434	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

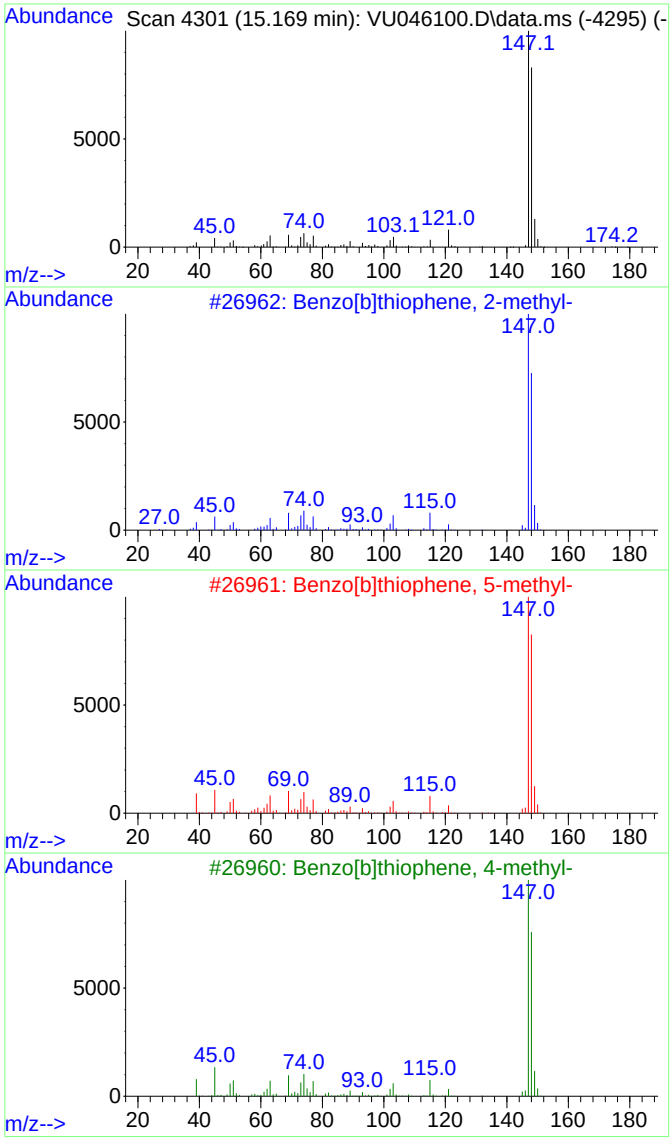
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

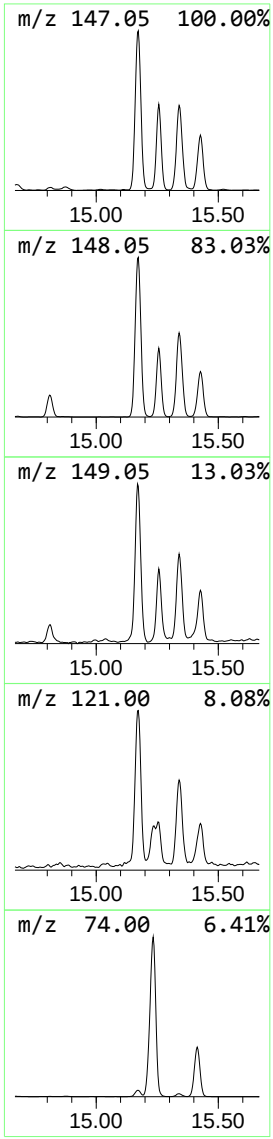
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzo[b]thiophene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.169	27.08 ug/L	437200	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

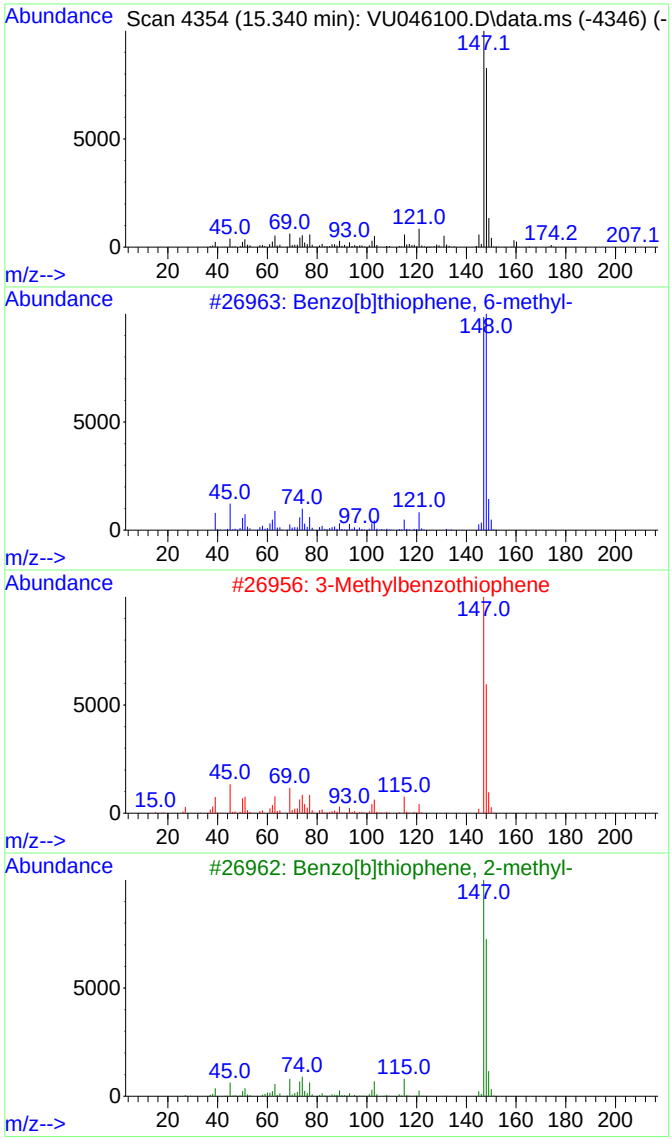
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

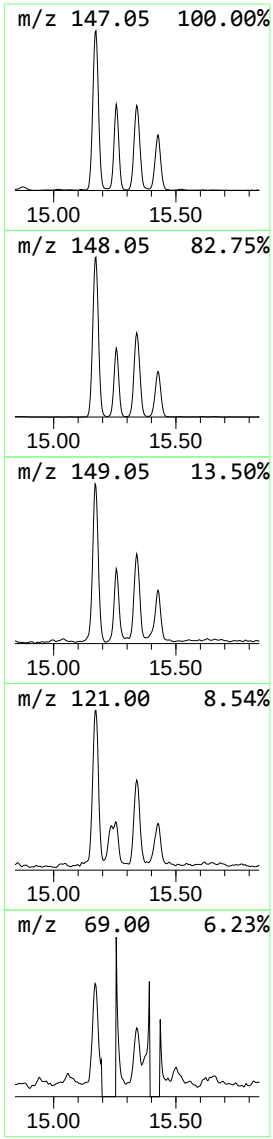
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzo[b]thiophene, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	22.14 ug/L	357504	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

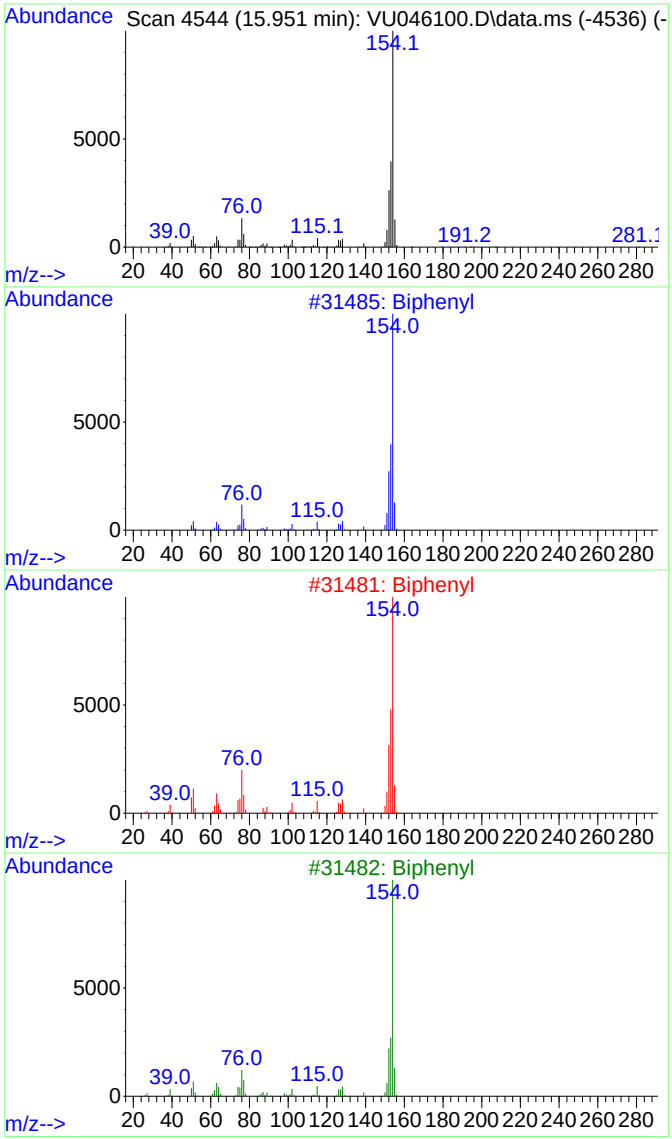
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

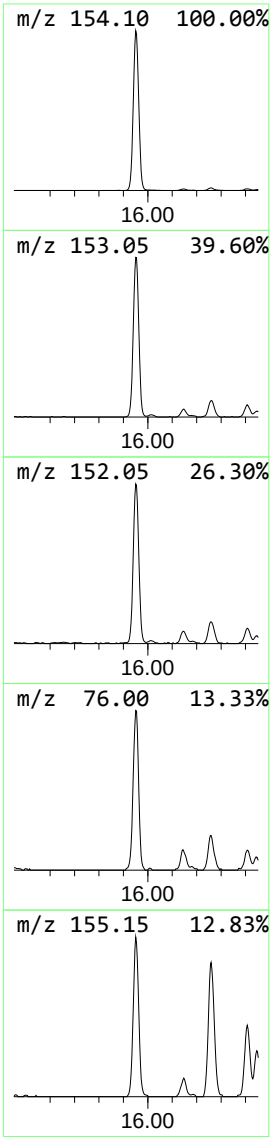
****

Peak Number 29 Biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	27.79 ug/L	448773	1,4-Dichlorobenzene-d4	11.819

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	91
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

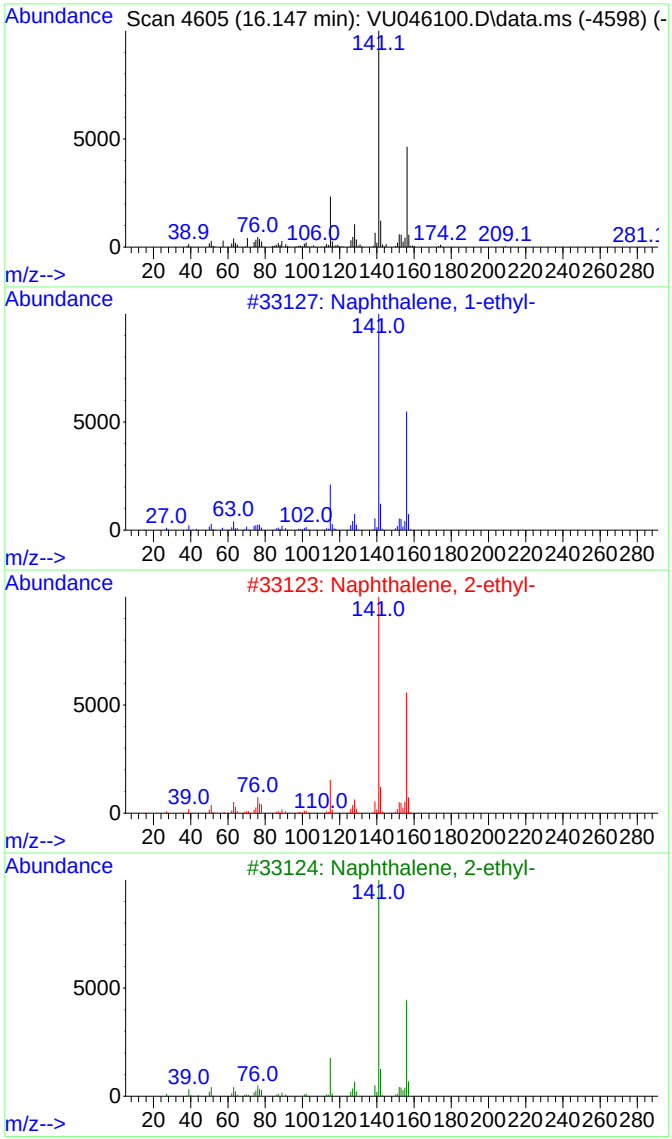
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

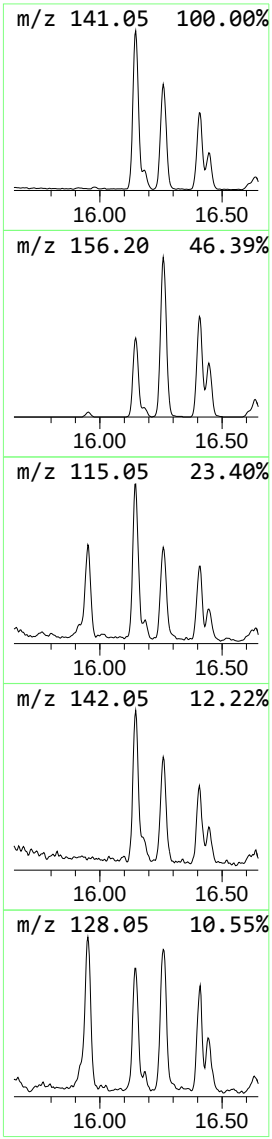
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.147	7.99 ug/L	128946	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

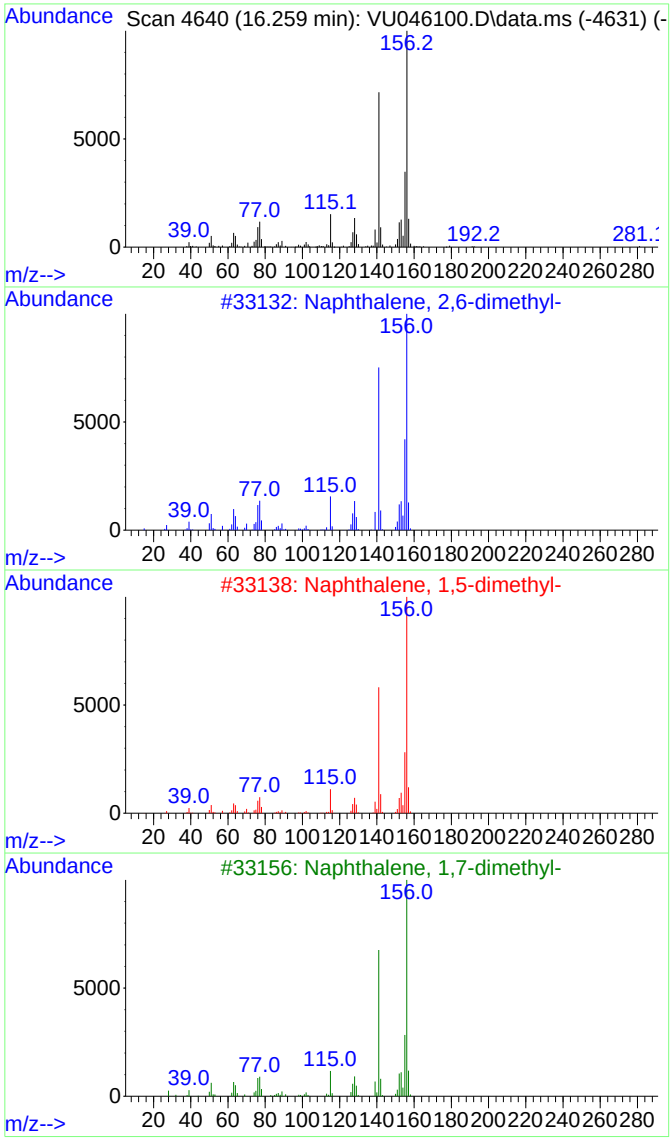
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

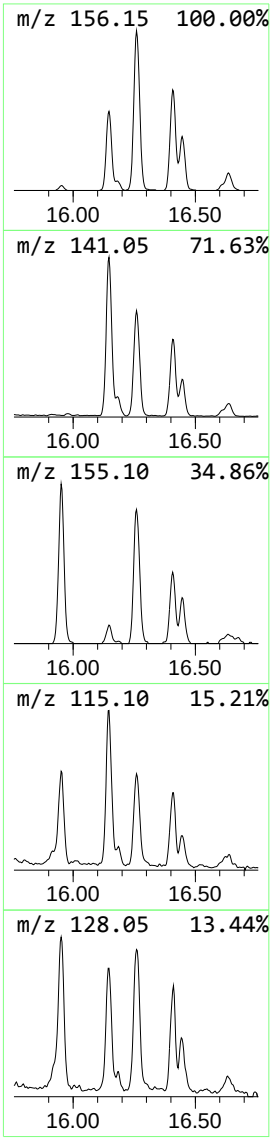
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.259	16.12 ug/L	260326	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

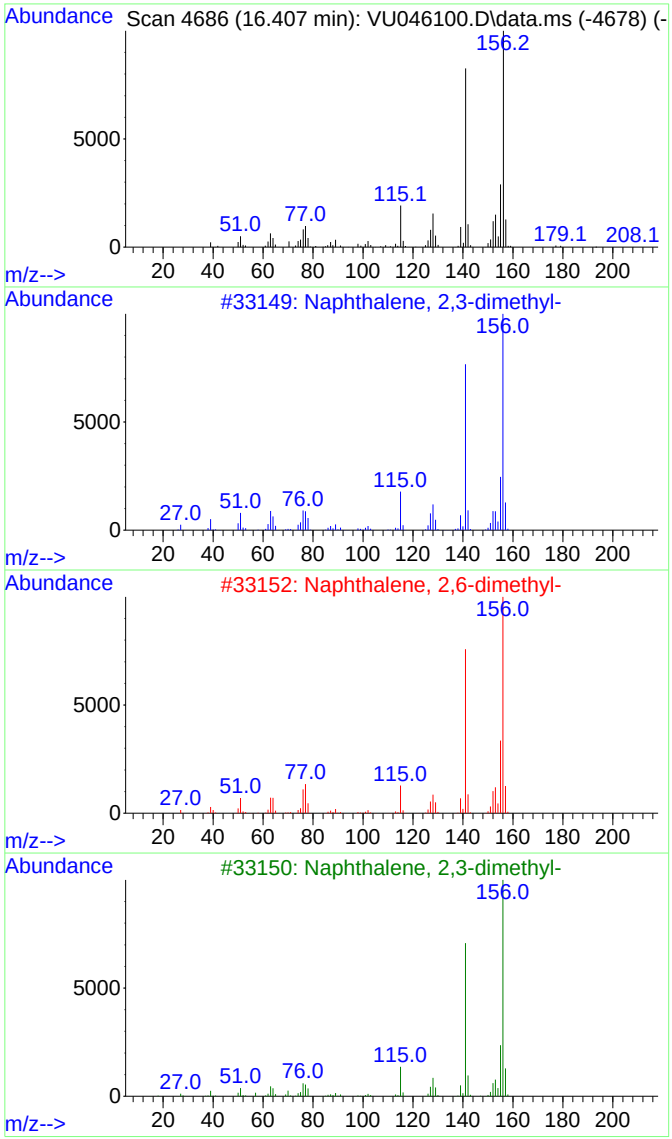
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

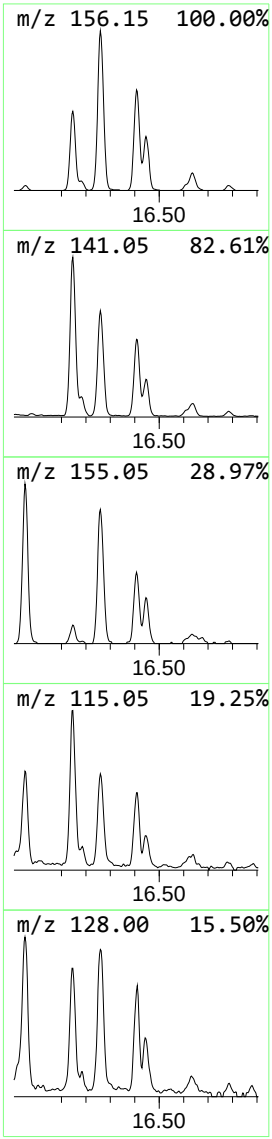
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	7.21 ug/L	116451	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

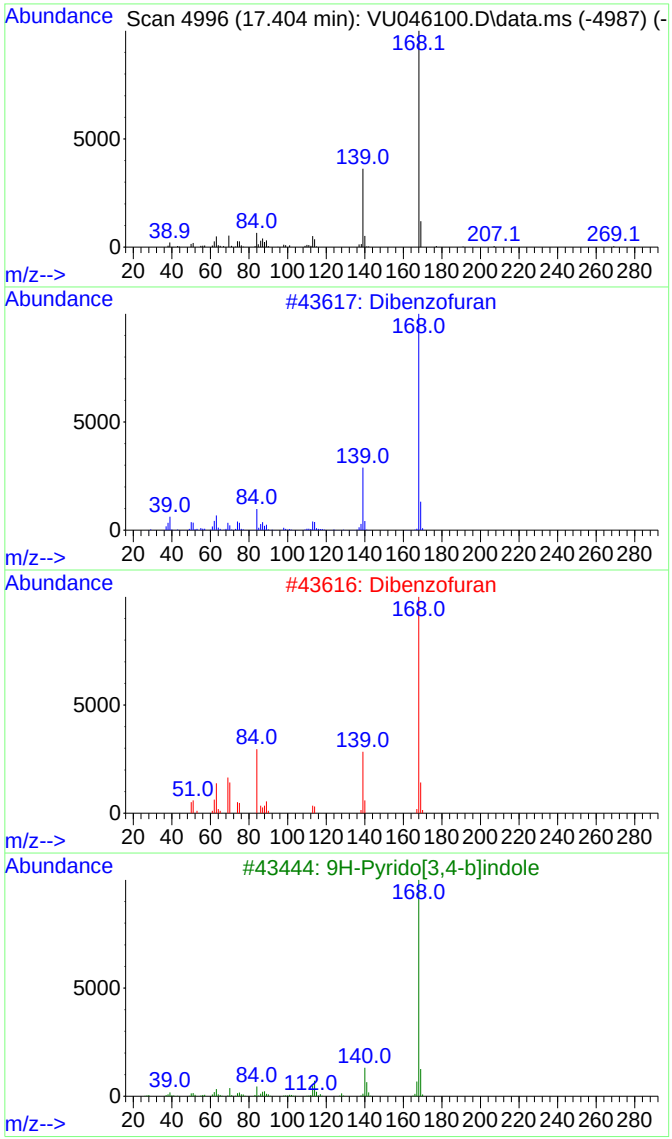
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

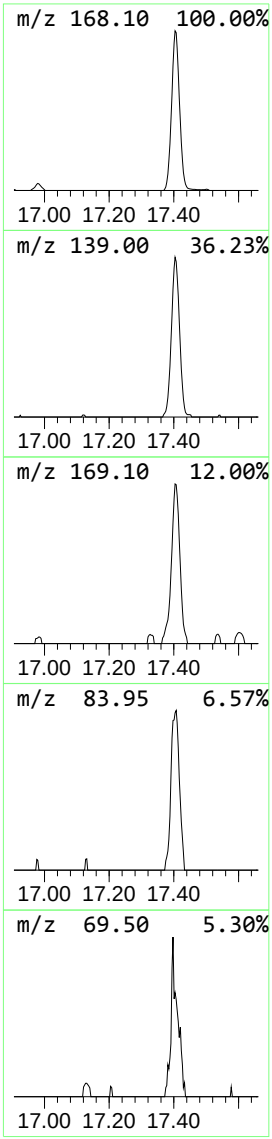
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 9H-Pyrido[3,4-b]indole Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	5.98 ug/L	96570	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	78
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
4	Dibenzofuran	168	C12H8O	000132-64-9	64
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046100.D
Acq On : 04 Dec 2021 17:51
Operator : SY/MD
Sample : M4942-02
Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.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...	10.253	3.3	ug/L	48347	2	9.423	729489	50.0
Benzene, 1-ethy...	11.005	15.3	ug/L	246491	3	11.819	807298	50.0
Benzene, 1-ethy...	11.301	8.5	ug/L	136918	3	11.819	807298	50.0
(DEL) Alkane: S...	11.417	4.5	ug/L	71782	3	11.819	807298	50.0
(DEL) Alkane: S...	11.578	3.0	ug/L	49175	3	11.819	807298	50.0
(DEL) Alkane: C...	11.710	5.1	ug/L	82775	3	11.819	807298	50.0
Indane	12.102	19.5	ug/L	314797	3	11.819	807298	50.0
(DEL) Alkane: S...	12.327	25.5	ug/L	412128	3	11.819	807298	50.0
p-Cymene	12.468	5.5	ug/L	88818	3	11.819	807298	50.0
Benzofuran, 7-m...	12.928	15.9	ug/L	256500	3	11.819	807298	50.0
Benzene, 1,2,4,...	12.976	12.9	ug/L	208207	3	11.819	807298	50.0
Benzofuran, 2-m...	13.031	50.9	ug/L	821638	3	11.819	807298	50.0
1H-Indene, 2,3-...	13.295	19.8	ug/L	319381	3	11.819	807298	50.0
Tetracyclo[3.3....	13.356	4.9	ug/L	79776	3	11.819	807298	50.0
1-Phenyl-1-butene	13.455	58.0	ug/L	937215	3	11.819	807298	50.0
Benzene, 1-meth...	13.562	5.9	ug/L	95232	3	11.819	807298	50.0
Benzene, (1,2-d...	13.735	4.5	ug/L	71825	3	11.819	807298	50.0
Azulene	14.095	1723.4	ug/L	27825800	3	11.819	807298	50.0
Benzo[c]thiophene	14.211	70.9	ug/L	1144250	3	11.819	807298	50.0
1H-Indene, 2,3-...	14.488	17.4	ug/L	280736	3	11.819	807298	50.0
1H-Indene, 2,3-...	14.671	33.5	ug/L	540283	3	11.819	807298	50.0
Benzene, pentam...	14.812	9.7	ug/L	156917	3	11.819	807298	50.0
1H-Indene, 2,3-...	14.877	22.8	ug/L	367434	3	11.819	807298	50.0
Benzo[b]thiophe...	15.169	27.1	ug/L	437200	3	11.819	807298	50.0
Benzo[b]thiophe...	15.340	22.1	ug/L	357504	3	11.819	807298	50.0
Biphenyl	15.951	27.8	ug/L	448773	3	11.819	807298	50.0
Naphthalene, 1-...	16.147	8.0	ug/L	128946	3	11.819	807298	50.0
Naphthalene, 2,...	16.259	16.1	ug/L	260326	3	11.819	807298	50.0
Naphthalene, 2,...	16.407	7.2	ug/L	116451	3	11.819	807298	50.0
9H-Pyrido[3,4-b...	17.404	6.0	ug/L	96570	3	11.819	807298	50.0