LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

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\SFAMULM092321WMA.M
Title : VOC Analysis

Signal : TIC: VU0451191.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.456	29	36	51	rBV	117389	183811	3.88%	0.172%
2	1.597	72	80	96	rVB	178315	229168	4.84%	0.214%
3	1.871	154	165	179	rBV2	63832	90428	1.91%	0.084%
4	2.520	354	367	387	rBV	300607	526260	11.12%	0.491%
5	4.649	1011	1029	1072	rBV	125099	412882	8.72%	0.385%
6	5.067	1140	1159	1187	rVV	261100	616249	13.02%	0.575%
7	5.719	1341	1362	1385	rBV2	638473	1614621	34.11%	1.507%
8	6.250	1513	1527	1547	rBV	73618	151346	3.20%	0.141%
9	6.693	1650	1665	1678	rBV	358831	758334	16.02%	0.708%
10	6.755	1680	1684	1696	rVB3	50901	85828	1.81%	0.080%
11	7.070	1766	1782	1800	rVB3	25288	52407	1.11%	0.049%
12	7.234	1822	1833	1851	rVB4	35306	77566	1.64%	0.072%
13	7.497	1901	1915	1923	rBV	89663	160135	3.38%	0.149%
14	7.571	1923	1938	1956	rVB	191051	397065	8.39%	0.370%
15	7.658	1956	1965	1973	rBV	50709	79251	1.67%	0.074%
16	7.857	2012	2027	2031	rBV2	110400	198416	4.19%	0.185%
17	7.902	2031	2041	2056	rVB	725363	1349490	28.51%	1.259%
18	8.025	2069	2079	2087	rBV7	26178	58048	1.23%	0.054%
19	8.095	2095	2101	2117	rVB3	42826	74692	1.58%	0.070%
20	8.185	2117	2129	2138	rBV	127418	250837	5.30%	0.234%
21	8.240	2138	2146	2161	rVB5	106695	220777	4.66%	0.206%
22	8.369	2174	2186	2194	rBV2	44546	82267	1.74%	0.077%
23	8.539	2229	2239	2250	rVB2	34116	59757	1.26%	0.056%
24	8.652	2250	2274	2296	rBV2	568964	1254231	26.50%	1.170%
25	8.761	2298	2308	2313	rBV	51035	86962	1.84%	0.081%
26	8.806	2314	2322	2331	rVB4	61942	104880	2.22%	0.098%
27	8.867	2332	2341	2350	rVB	154390	239514	5.06%	0.223%
28	8.928	2350	2360	2370	rBV2	257672	455116	9.62%	0.425%
29	9.073	2392	2405	2413	rBV4	108178	220391	4.66%	0.206%
30	9.124	2413	2421	2427	rVV	88306	137151	2.90%	0.128%
31	9.169	2427	2435	2442	rVV3	164198	304512	6.43%	0.284%
32	9.214	2442	2449	2460	rVB2	249081	409968	8.66%	0.383%
33	9.336	2477	2487	2504	rVB	378366	620826	13.12%	0.579%
34	9.426	2504	2515	2524	rBV	97830	187753	3.97%	0.175%
35	9.565	2550	2558	2572	rBV2	72797	131039	2.77%	0.122%
36	9.664	2574	2589	2598	rBV4	173189	440720	9.31%	0.411%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

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\SFAMULM092321WMA.M
Title : VOC Analysis

37	9.719	2598	2606	2613	rBV2	230237	367392	7.76%	0.343%
38	9.880	2644	2656	2671	rBV5	114476	281796	5.95%	0.263%
39	9.957	2672	2680	2690	rBV5	48391	85629	1.81%	0.080%
40	10.034	2690	2704	2724	rBV7	323599	965923	20.41%	0.901%
41	10.124	2724	2732	2742	rBV6	151977	311346	6.58%	0.291%
42	10.256	2756	2773	2786	rBV3	934017	2081460	43.98%	1.942%
43	10.362	2797	2806	2812	rBV3	617771	1065580	22.51%	0.994%
44	10.398	2813	2817	2829	rVB	622889	911278	19.25%	0.850%
45	10.475	2832	2841	2852	rBV5	171394	355474	7.51%	0.332%
46	10.561	2853	2868	2876	rBV3	357881	885731	18.71%	0.826%
47	10.626	2877	2888	2894	rBV	678962	1171440	24.75%	1.093%
48	10.700	2906	2911	2918	rBV3	117756	161783	3.42%	0.151%
49	10.764	2922	2931	2939	rVV2	1070301	1821298	38.48%	1.699%
50	10.812	2940	2946	2963	rVB5	680764	1199328	25.34%	1.119%
51	10.954	2982	2990	3002	rBV4	255843	512100	10.82%	0.478%
52	11.021	3004	3011	3017	rVV5	263395	468004	9.89%	0.437%
53	11.066	3018	3025	3034	rVV2	970500	1640788	34.67%	1.531%
54	11.121	3034	3042	3056	rVB3	1308832	2550244	53.88%	2.380%
55	11.195	3058	3065	3073	rBV7	128776	213445	4.51%	0.199%
56	11.250	3075	3082	3087	rBV3	188048	276959	5.85%	0.258%
57	11.301	3088	3098	3114	rVB4	608844	1543294	32.61%	1.440%
58	11.378	3115	3122	3128	rBV5	265848	424942	8.98%	0.396%
59	11.420	3128	3135	3143	rVB	922833	1244089	26.29%	1.161%
60	11.465	3144	3149	3153	rBV4	178552	240883	5.09%	0.225%
61	11.578	3179	3184	3188	rBV2	132308	174533	3.69%	0.163%
62	11.648	3200	3206	3217	rVB5	672603	1130796	23.89%	1.055%
63	11.719	3218	3228	3235	rBV	1459111	2365035	49.97%	2.207%
64	11.880	3272	3278	3284	rBV3	432268	522500	11.04%	0.488%
65	11.915	3284	3289	3299	rVB3	565246	777425	16.43%	0.725%
66	12.005	3309	3317	3336	rVB6	837159	1835221	38.78%	1.712%
67	12.102	3337	3347	3358	rBV2	1184967	2096806	44.30%	1.956%
68	12.192	3366	3375	3391	rVB6	2074652	4732967	100.00%	4.416%
69	12.388	3429	3436	3450	rVB5	1201943	2453818	51.85%	2.290%
70	12.478	3457	3464	3466	rBV	364481	473215	10.00%	0.442%
71	12.577	3490	3495	3503	rVB	988335	1264887	26.73%	1.180%
72	12.684	3518	3528	3535	rBV2	1232368	2509176	53.01%	2.341%
73	12.844	3571	3578	3592	rVB4	1659759	3207539	67.77%	2.993%
74	12.934	3596	3606	3614	rBV3	1989114	3938571	83.22%	3.675%
75	13.057	3637	3644	3653	rVB4	1909862	3023553	63.88%	2.821%
76	13.114	3654	3662	3666	rBV3	921126	1462140	30.89%	1.364%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

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\SFAMULM092321WMA.M
Title : VOC Analysis

77	13.208	3685	3691	3702	rVB3	481306	886221	18.72%	0.827%
78	13.359	3733	3738	3747	rVB2	574056	743162	15.70%	0.693%
79	13.465	3762	3771	3784	rVB3	2474314	4647751	98.20%	4.337%
80	13.565	3798	3802	3806	rBV	445749	499370	10.55%	0.466%
81	13.594	3807	3811	3816	rVV2	624556	725366	15.33%	0.677%
82	13.738	3848	3856	3864	rBV6	918522	1652167	34.91%	1.542%
83	13.790	3865	3872	3880	rVV	1521328	2343475	49.51%	2.187%
84	13.841	3881	3888	3902	rVV5	1287892	2646295	55.91%	2.469%
85	13.950	3915	3922	3935	rVB2	1662809	3475146	73.42%	3.243%
86	14.127	3971	3977	3985	rVB5	771777	1098430	23.21%	1.025%
87	14.352	4042	4047	4056	rBV4	629167	1097733	23.19%	1.024%
88	14.674	4137	4147	4157	rVB3	2296996	4236576	89.51%	3.953%
89	14.815	4185	4191	4198	rBV2	877365	1325568	28.01%	1.237%
90	14.883	4206	4212	4221	rVB2	1870692	2869931	60.64%	2.678%
91	15.028	4248	4257	4269	rBV7	1294865	3183307	67.26%	2.970%
92	15.211	4307	4314	4327	rVB6	1254392	2122635	44.85%	1.981%
93	15.282	4330	4336	4347	rVB5	1362891	2190424	46.28%	2.044%
94	15.352	4351	4358	4365	rBV5	685457	1169484	24.71%	1.091%
95	16.265	4637	4642	4649	rVB2	520535	657937	13.90%	0.614%
96	16.413	4679	4688	4696	rBV	1559969	2396315	50.63%	2.236%
97	16.536	4719	4726	4737	rVB3	390365	720708	15.23%	0.672%
98	16.790	4798	4805	4826	rVB3	445390	965071	20.39%	0.900%
99	17.117	4903	4907	4921	rVB	180352	268587	5.67%	0.251%
100	17.542	5034	5039	5053	rVB3	96292	182028	3.85%	0.170%

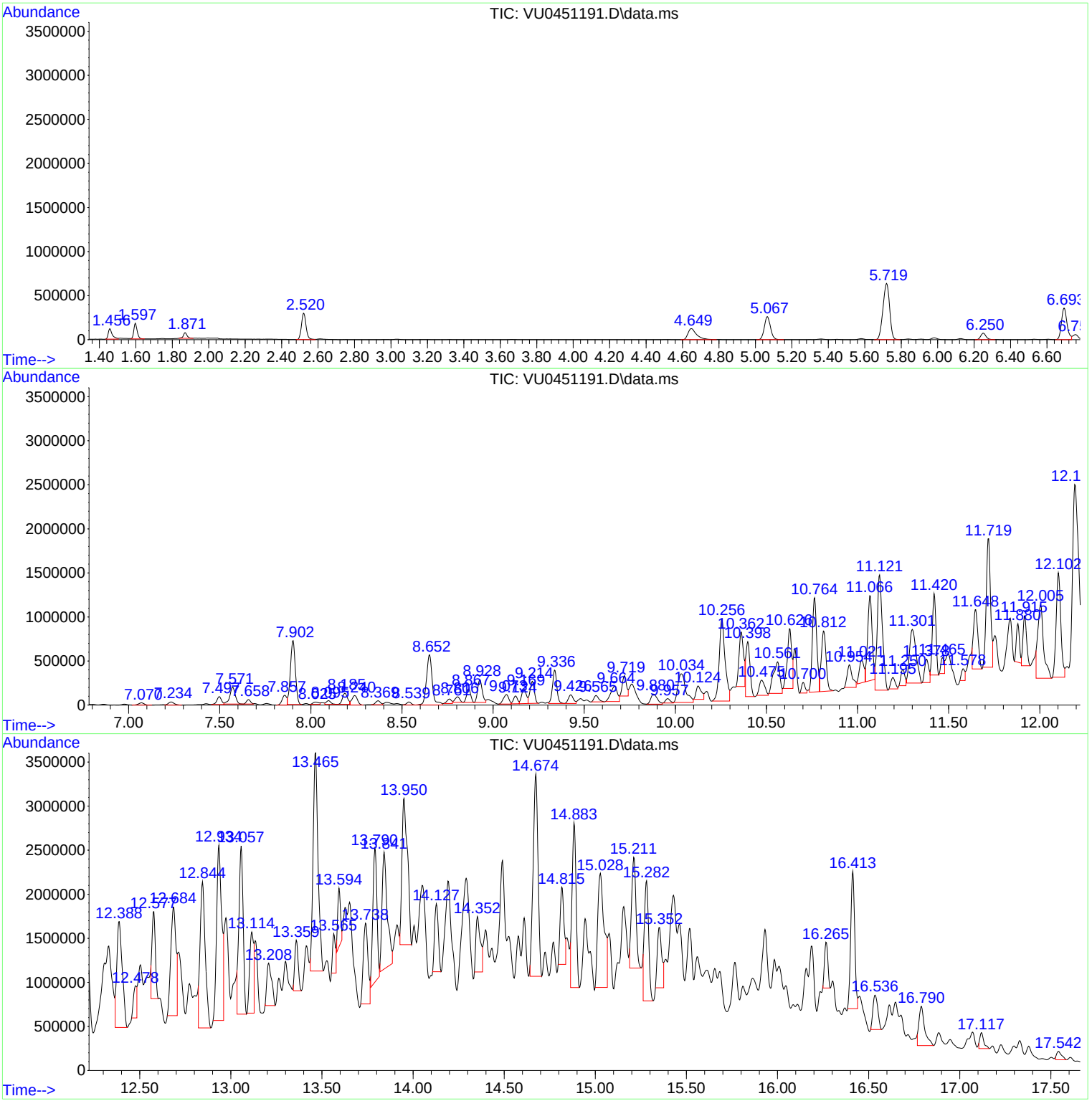
Sum of corrected areas: 107174773

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

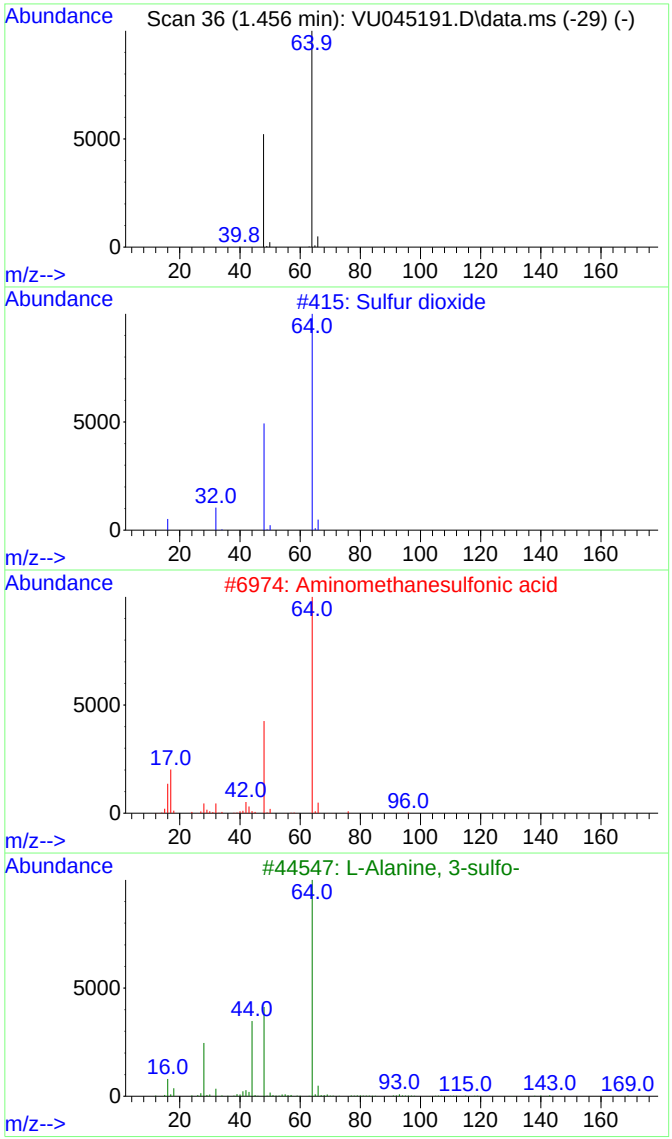
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

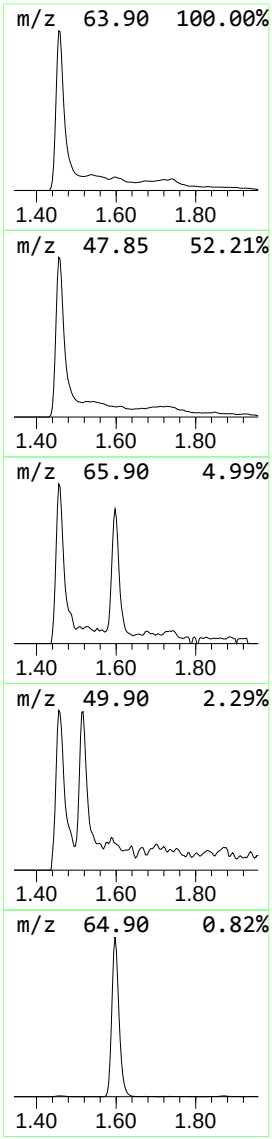
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.456	60.73 ug/L	183811	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

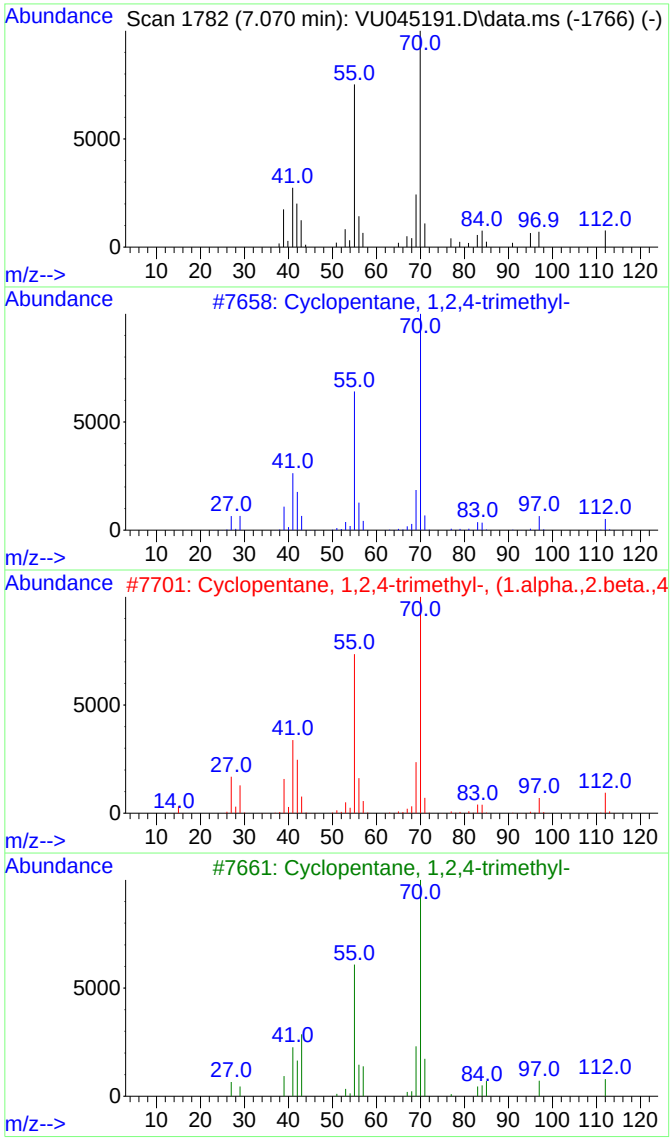
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

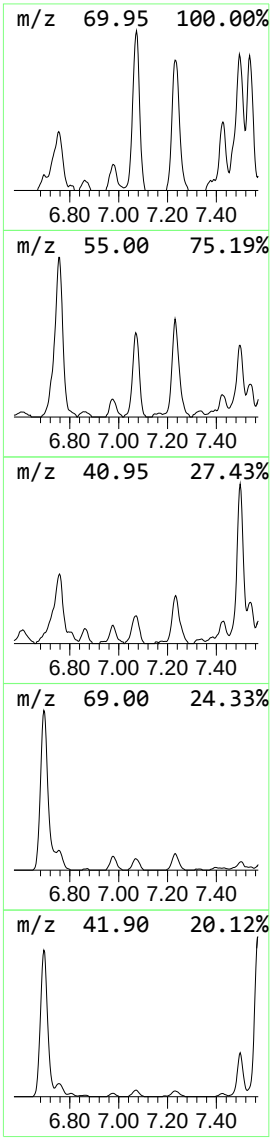
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic7.070 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	17.31 ug/L	52407	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	86
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

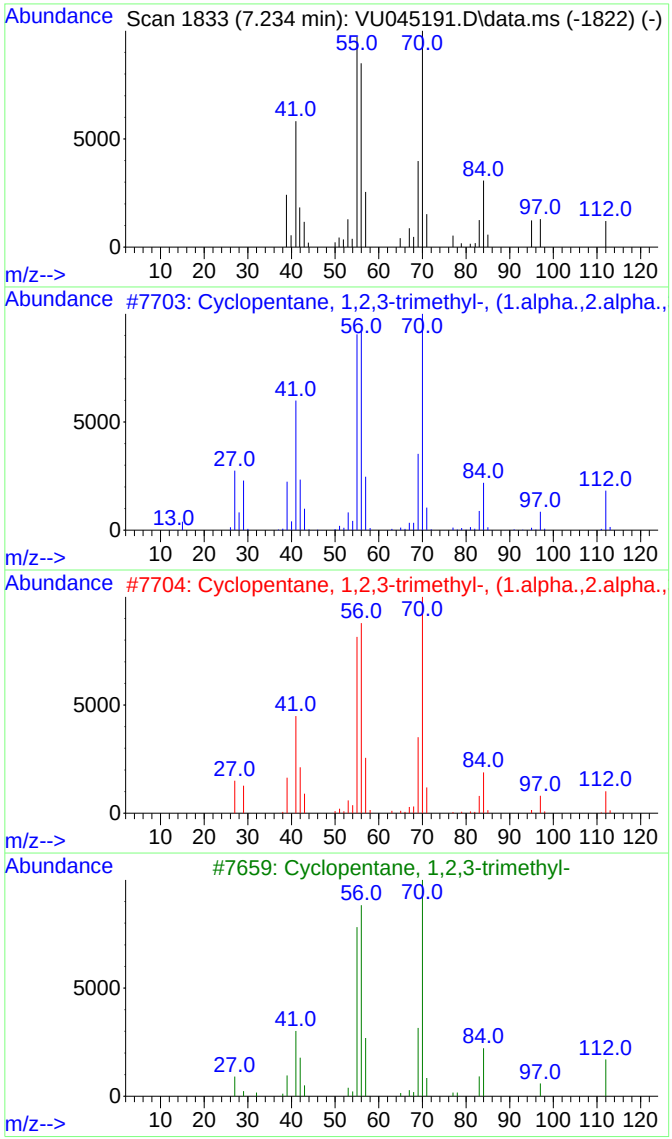
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

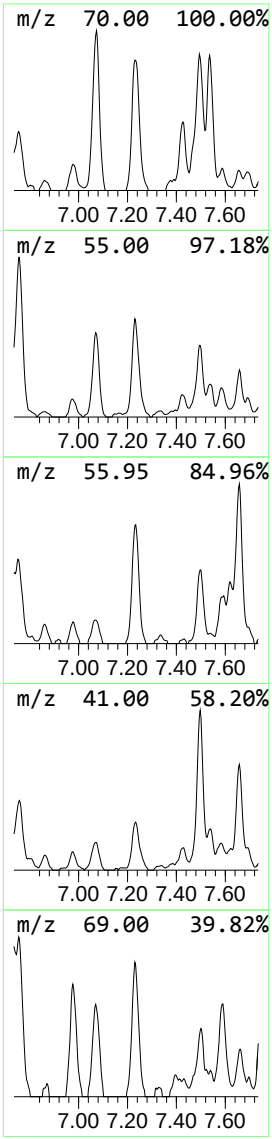
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic7.234 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	25.63 ug/L	77566	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	86
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	72
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

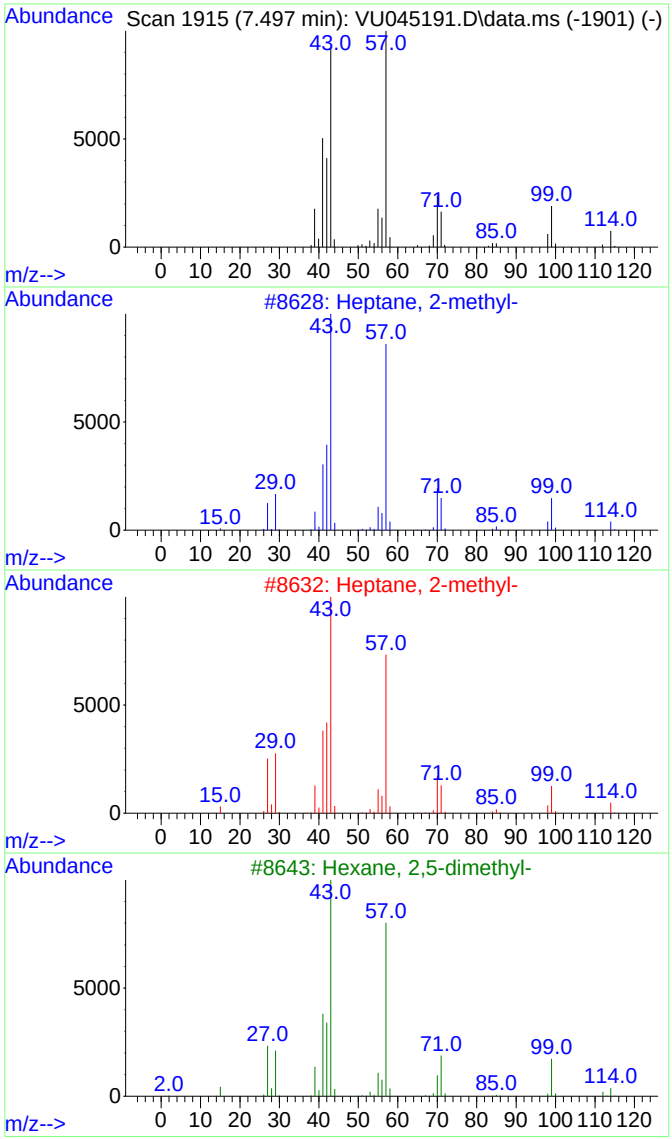
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

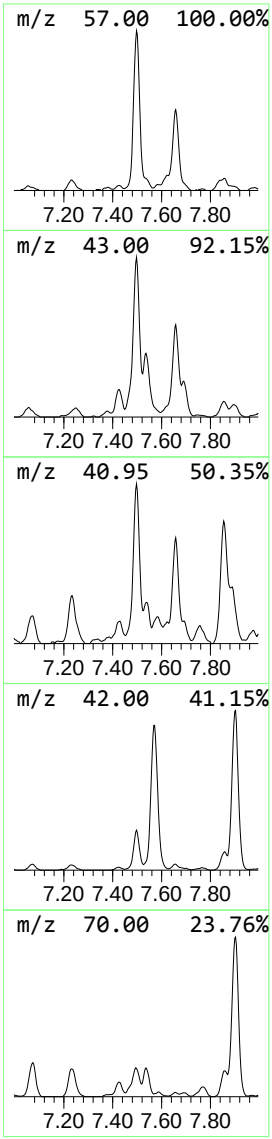
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	52.90 ug/L	160135	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	68
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

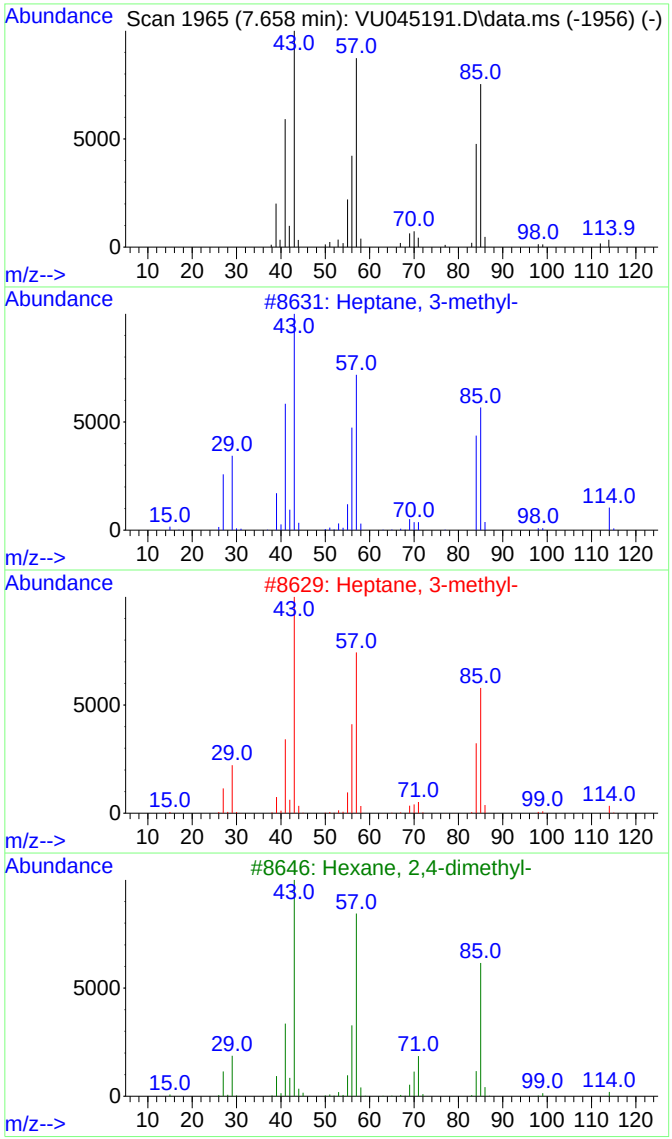
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

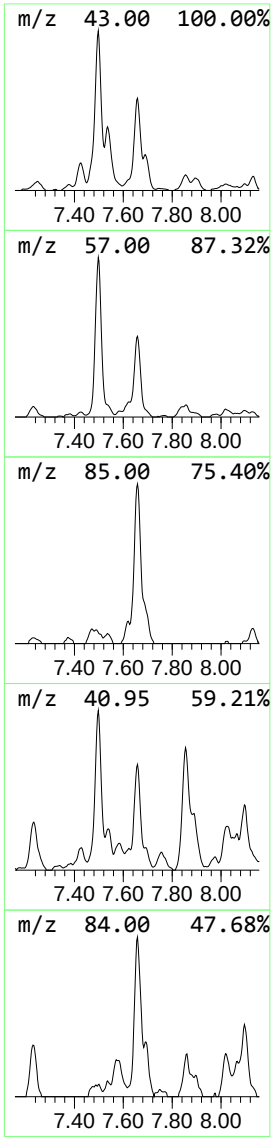
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.658	26.18 ug/L	79251	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	72
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

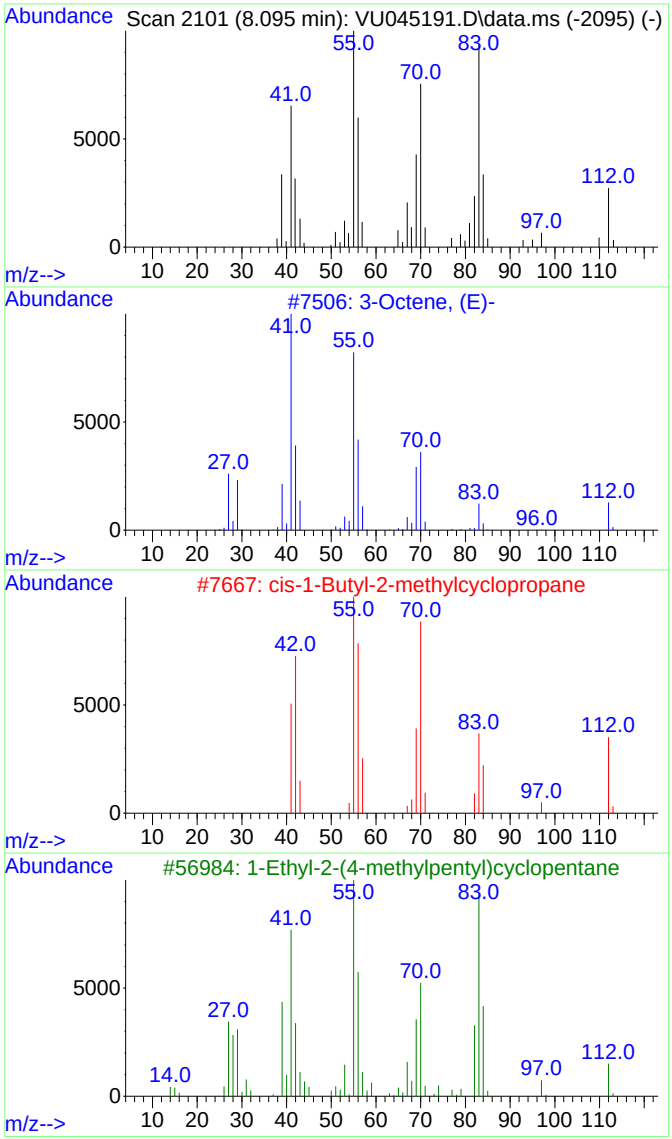
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

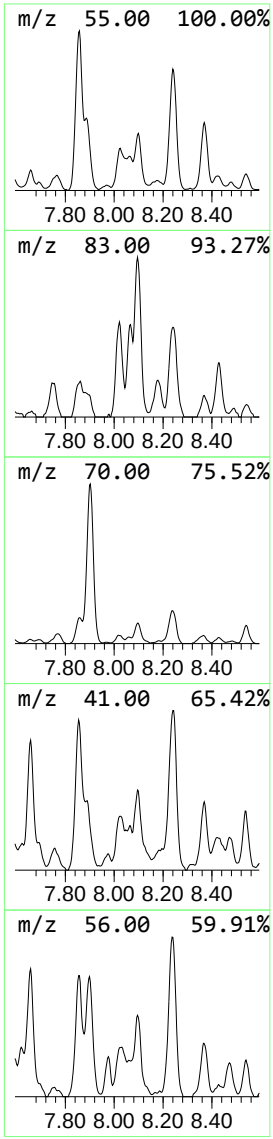
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.095	19.89 ug/L	74692	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, (E)-	112	C8H16	014919-01-8	64
2	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	60
3	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	58
4	3-Octene, (E)-	112	C8H16	014919-01-8	53
5	4-Octene, (Z)-	112	C8H16	007642-15-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

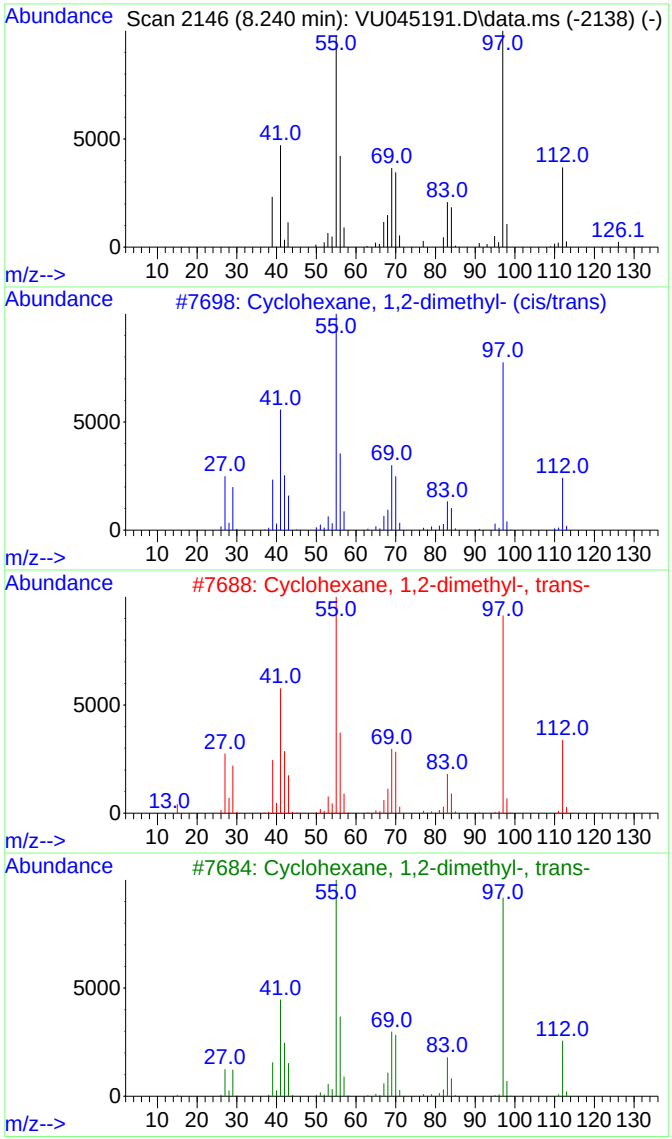
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

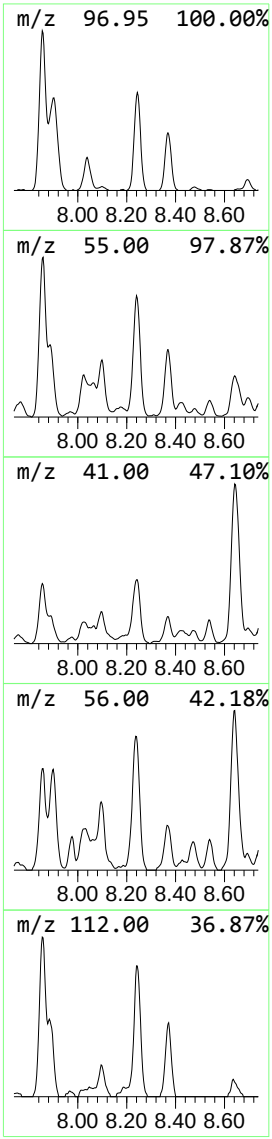
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.240 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	58.79 ug/L	220777	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

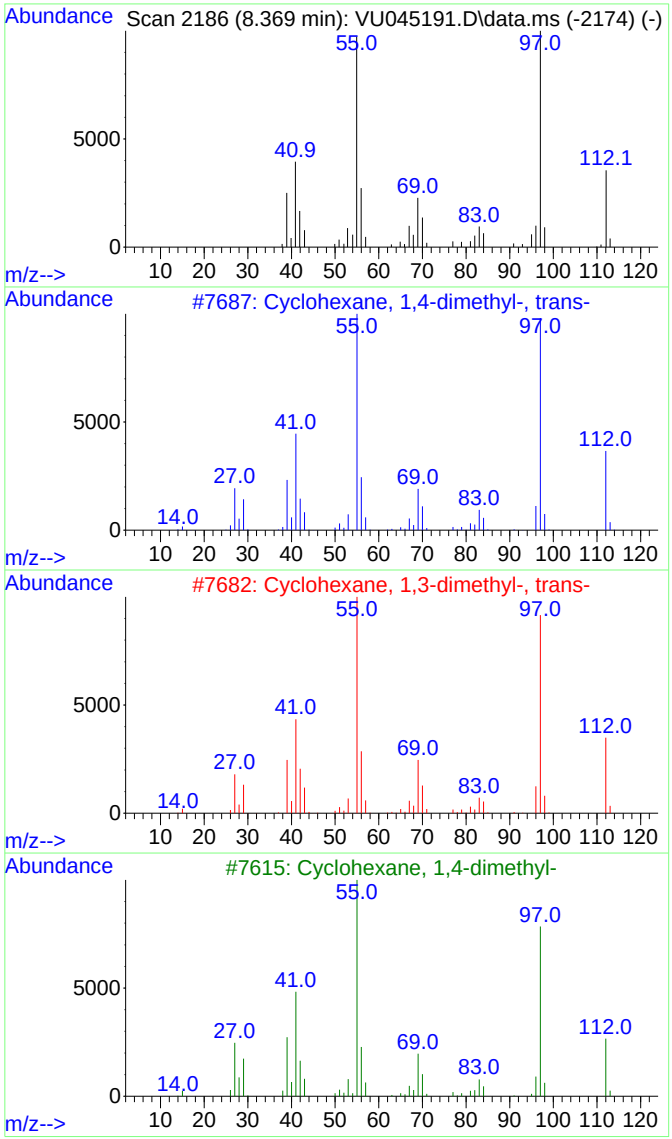
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

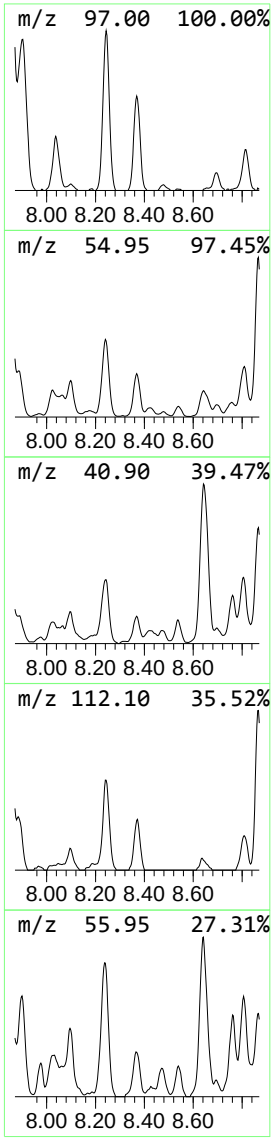
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.369 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.369	21.91 ug/L	82267	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

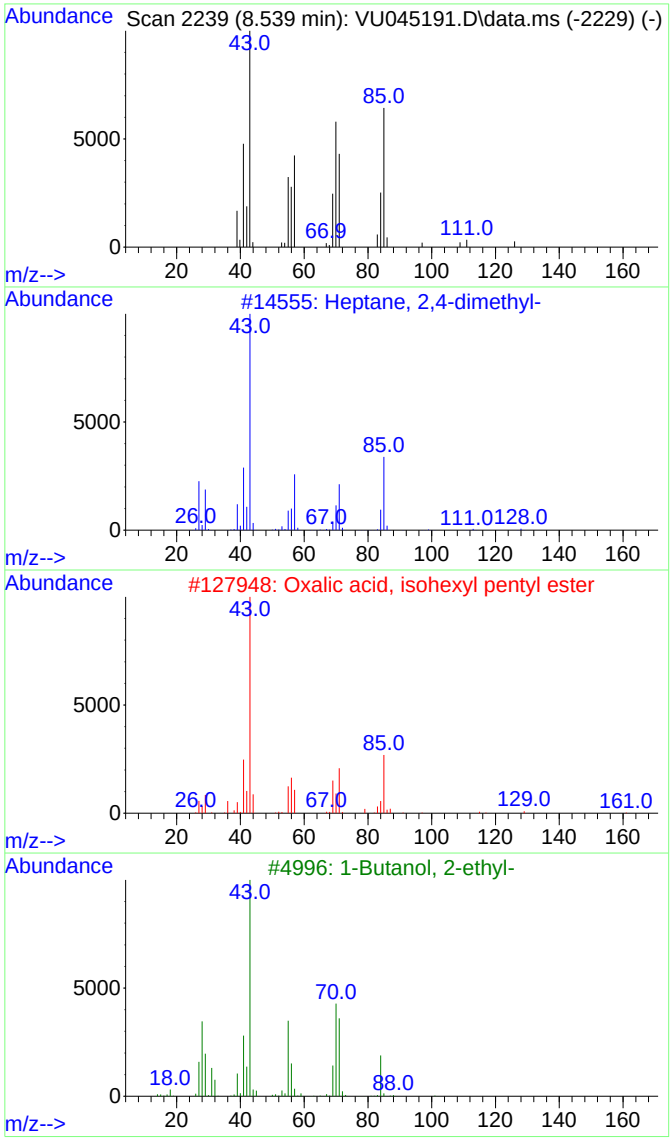
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

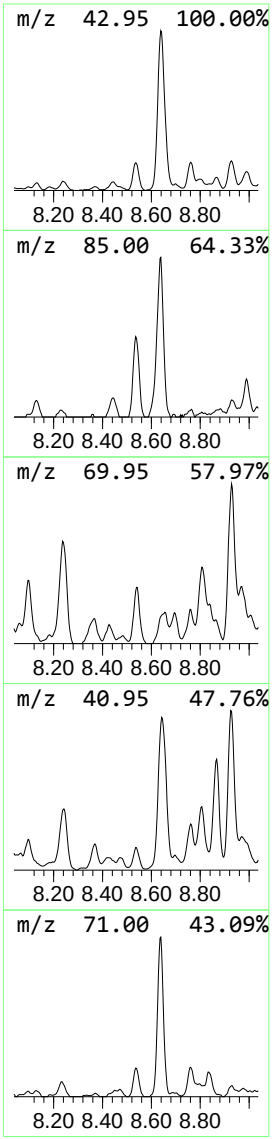
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	15.91 ug/L	59757	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

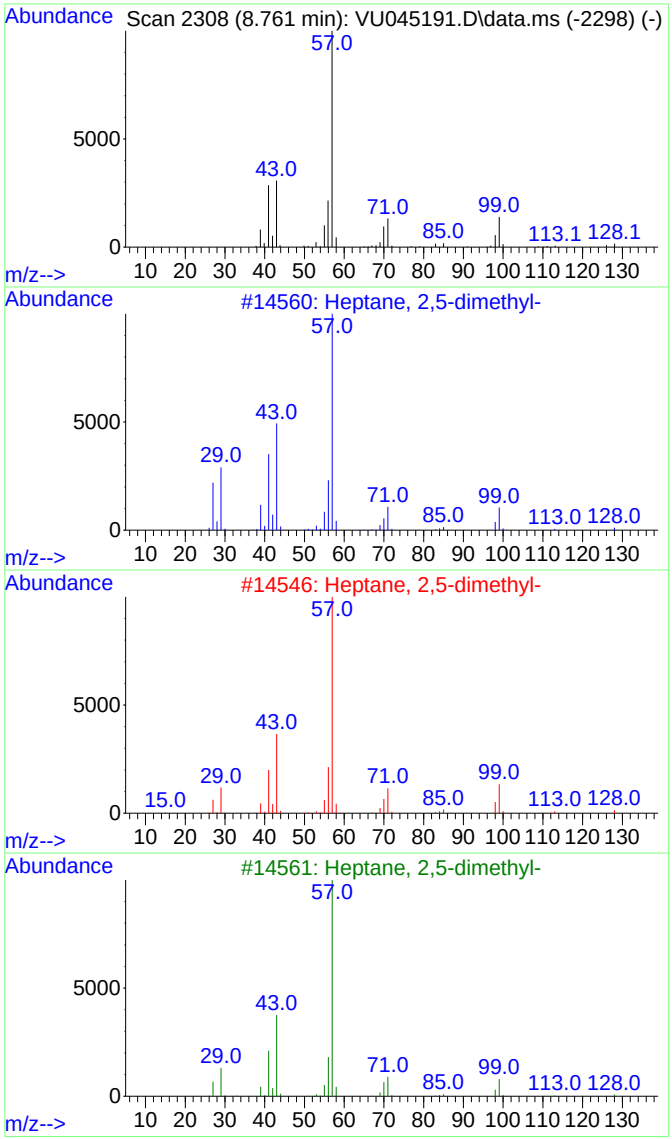
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

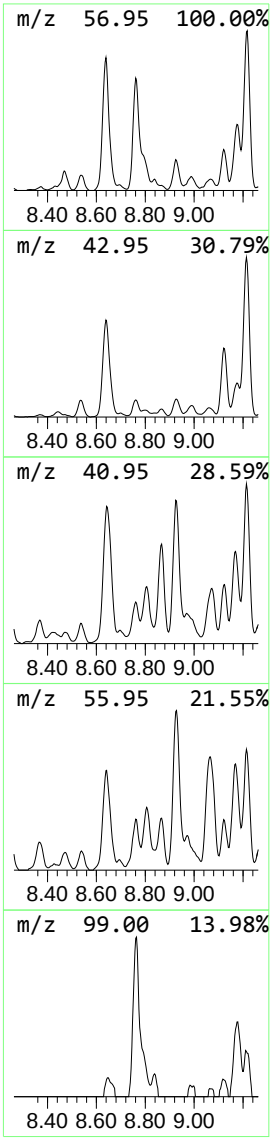
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.761	23.16 ug/L	86962	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4	Octane, 3-methyl-	128	C9H20	002216-33-3	90
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

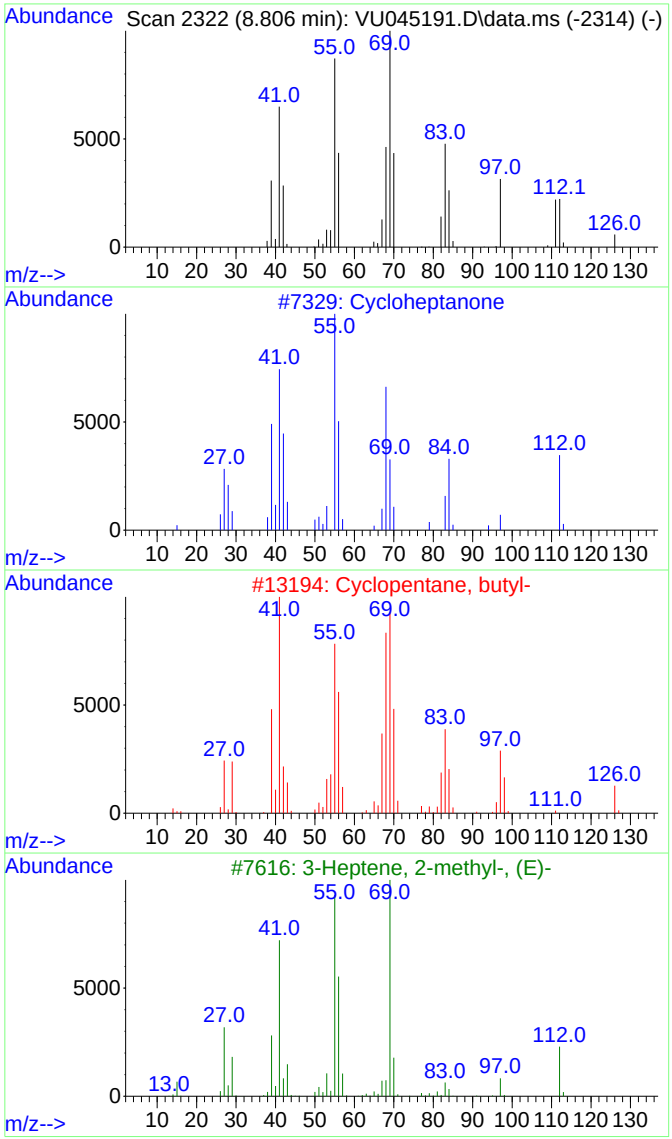
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

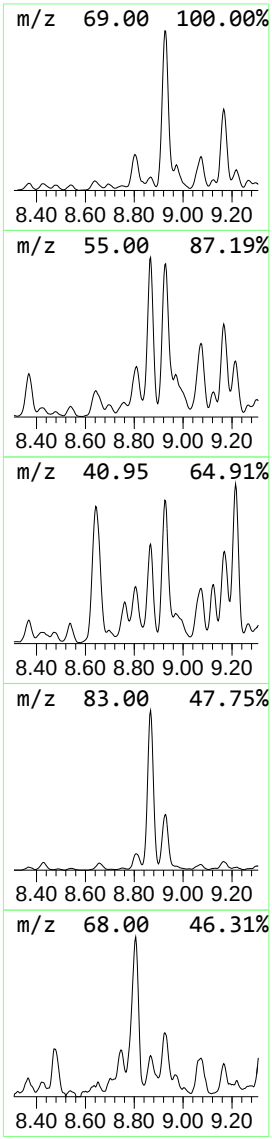
****

Peak Number 12 Cycloheptanone Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.806	27.93 ug/L	104880	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptanone	112	C7H12O	000502-42-1	83
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	62
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
4	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	46
5	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

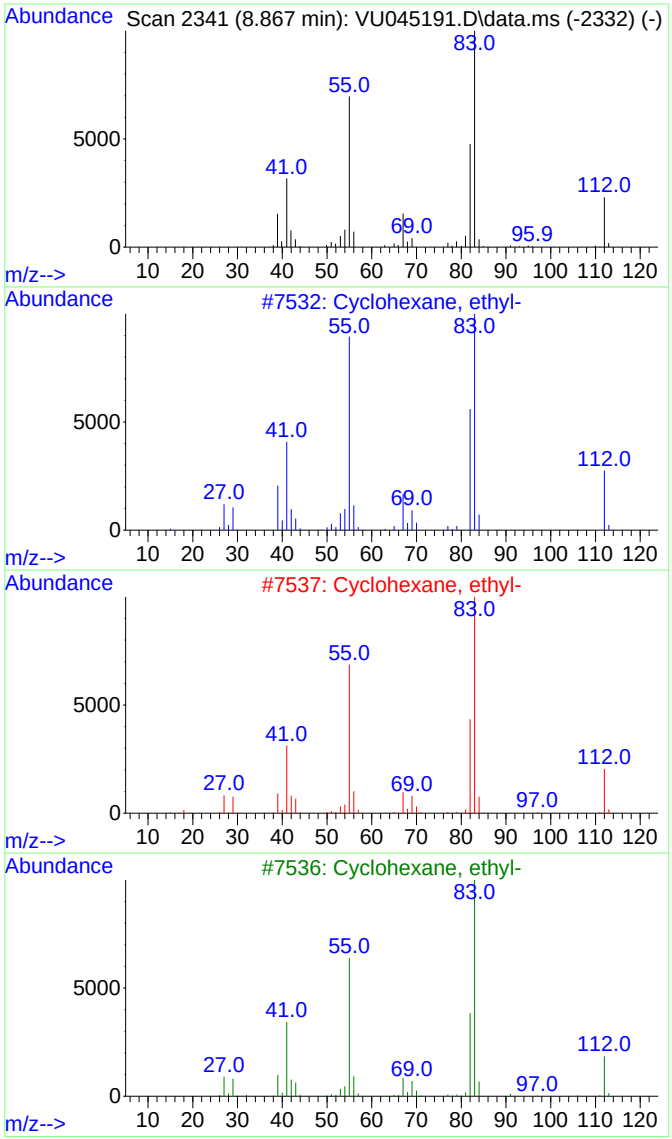
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

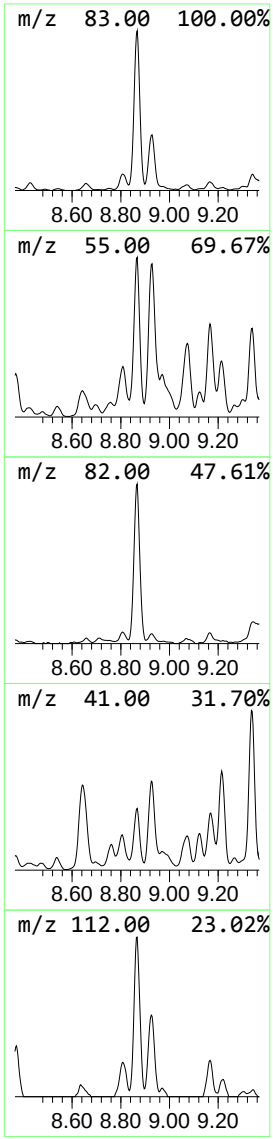
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic8.867 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	63.78 ug/L	239514	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

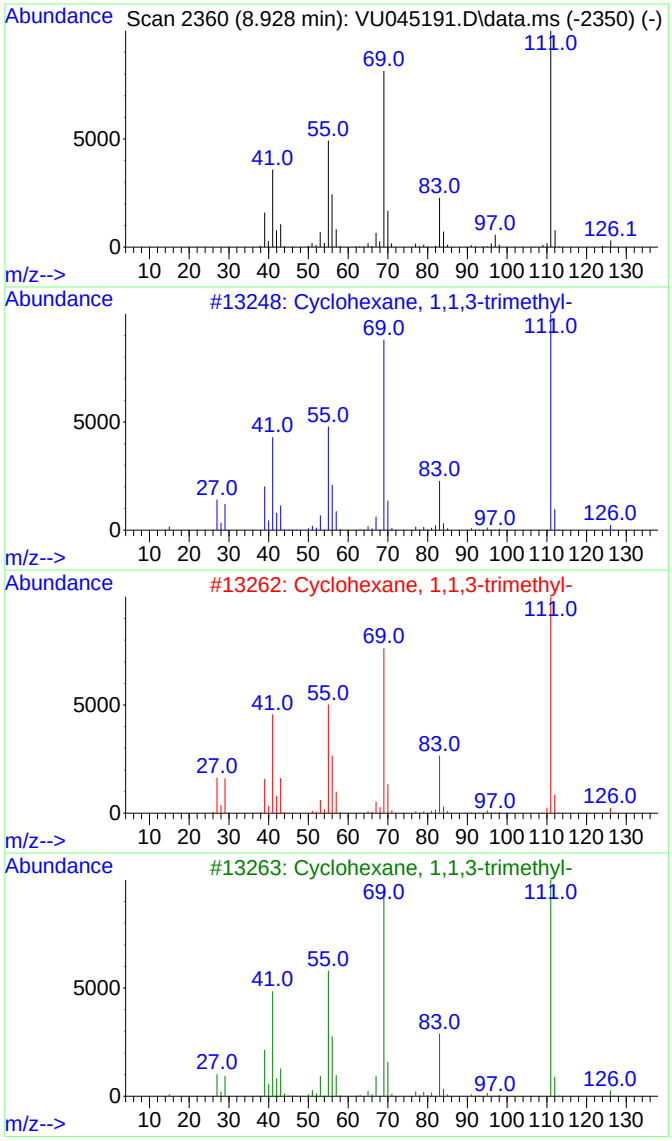
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

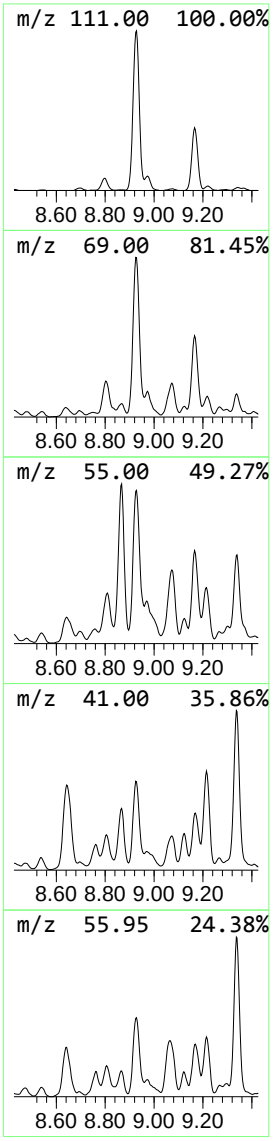
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic8.928 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	121.20 ug/L	455116	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

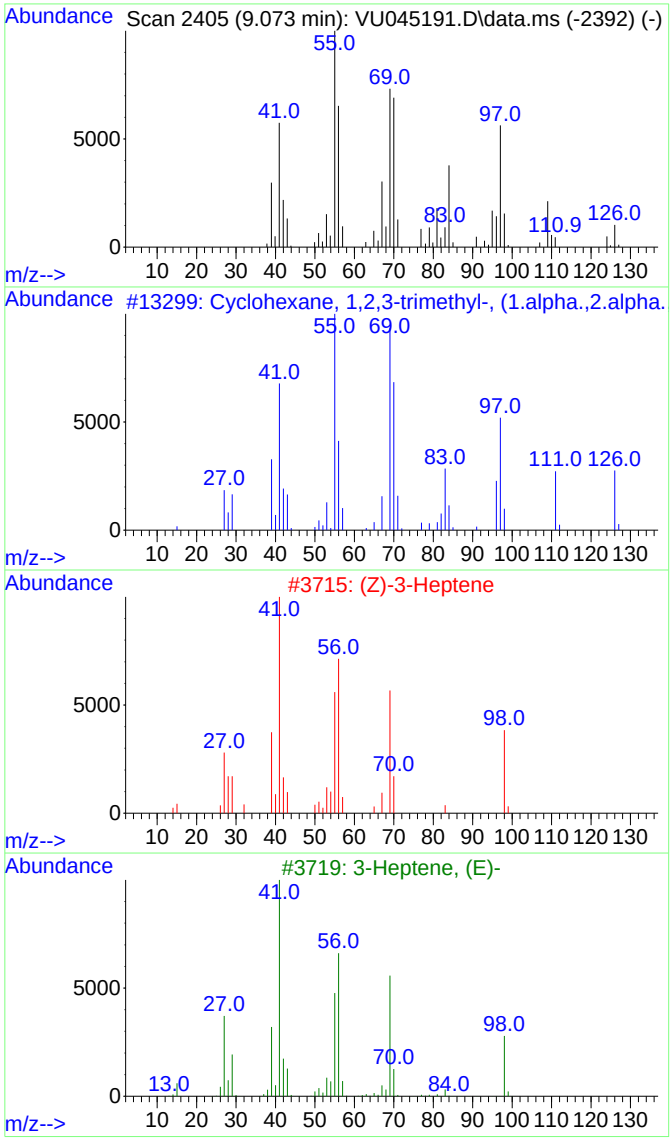
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

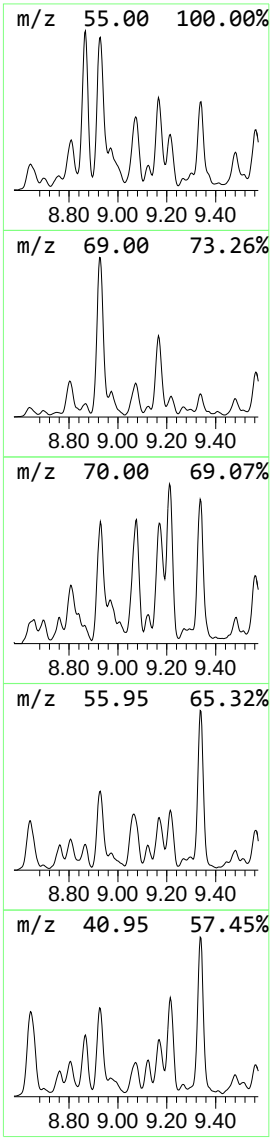
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic9.073 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	58.69 ug/L	220391	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	52
2	(Z)-3-Heptene	98	C7H14	007642-10-6	43
3	3-Heptene, (E)-	98	C7H14	014686-14-7	43
4	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	43
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

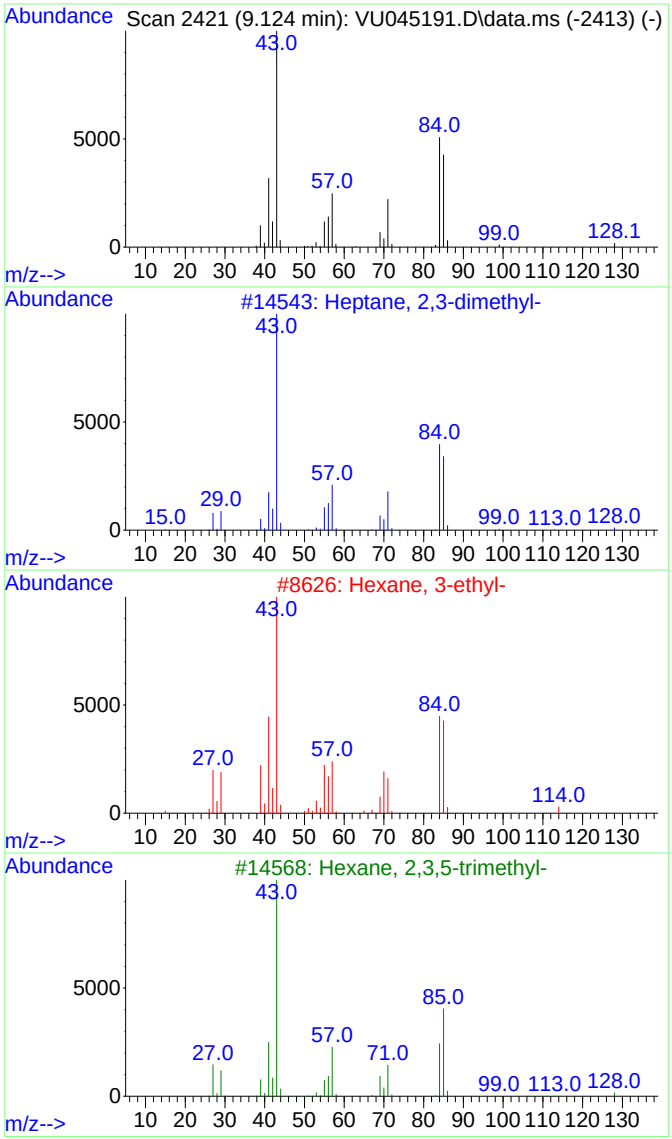
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

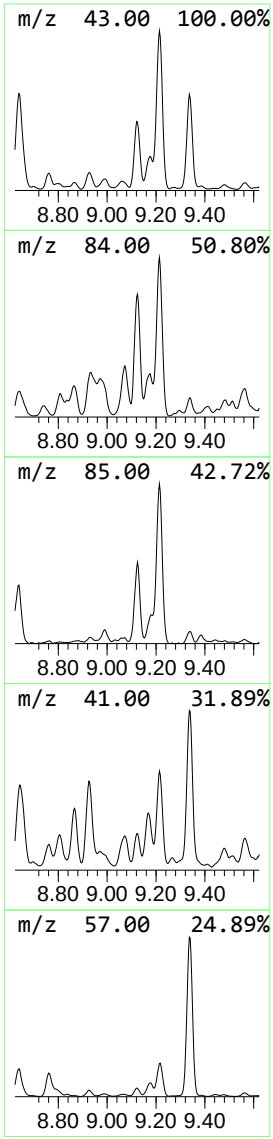
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.124	36.52 ug/L	137151	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	70
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

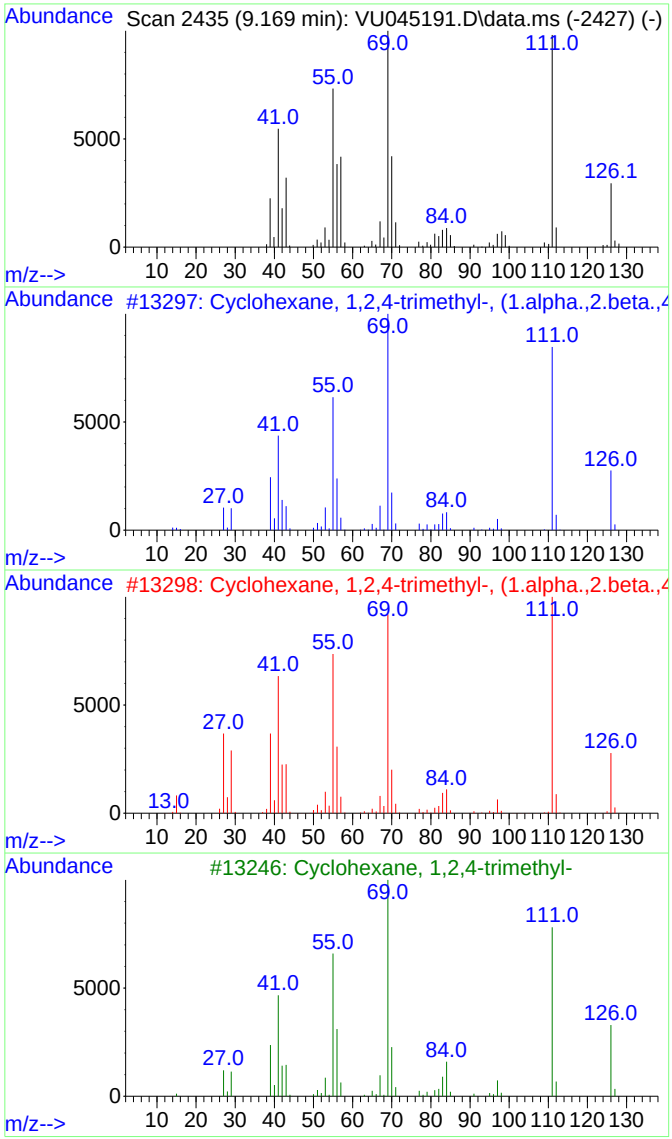
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

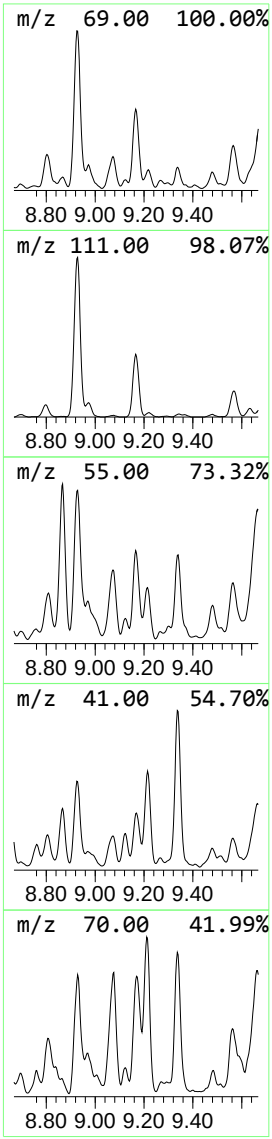
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.169 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	81.09 ug/L	304512	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

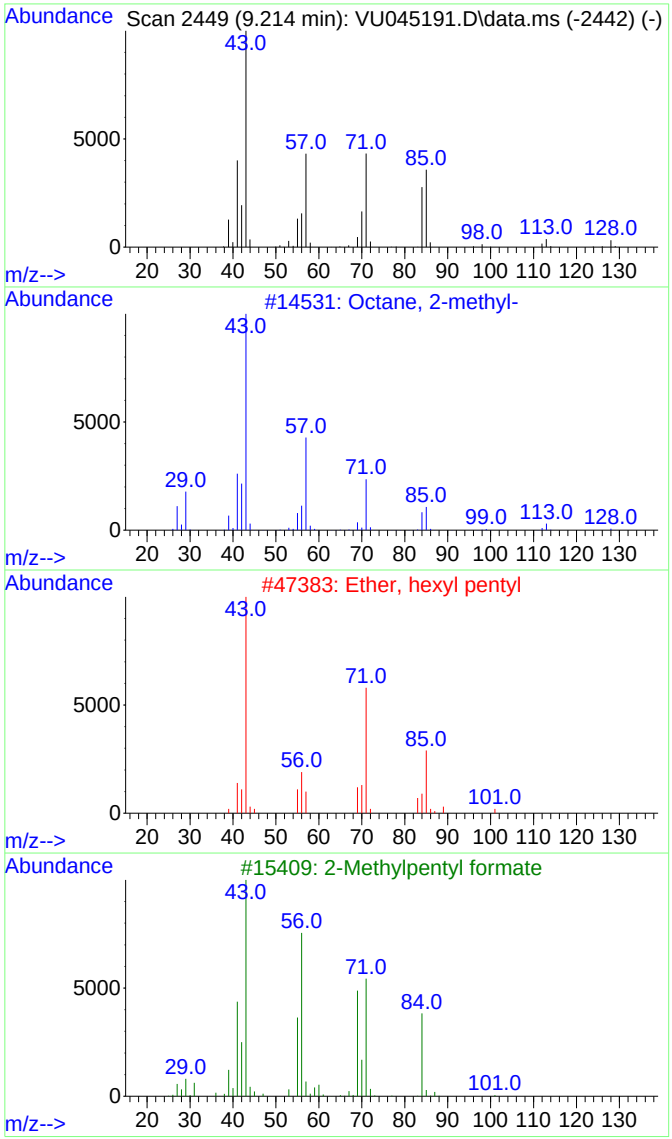
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

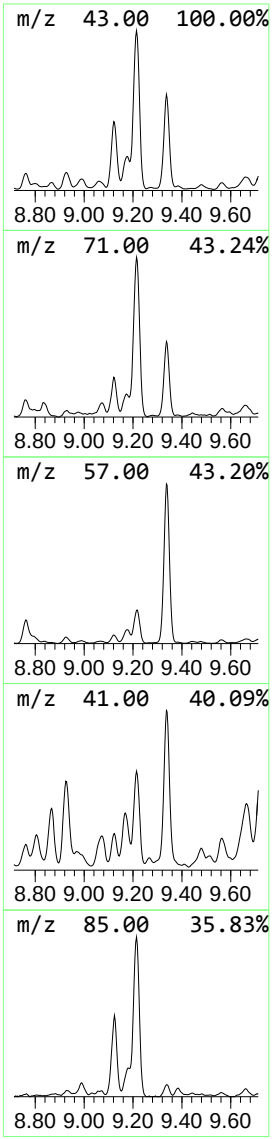
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	109.18 ug/L	409968	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
3	2-Methylpentyl formate	130	C7H14O2	381670-34-4	59
4	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	59
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

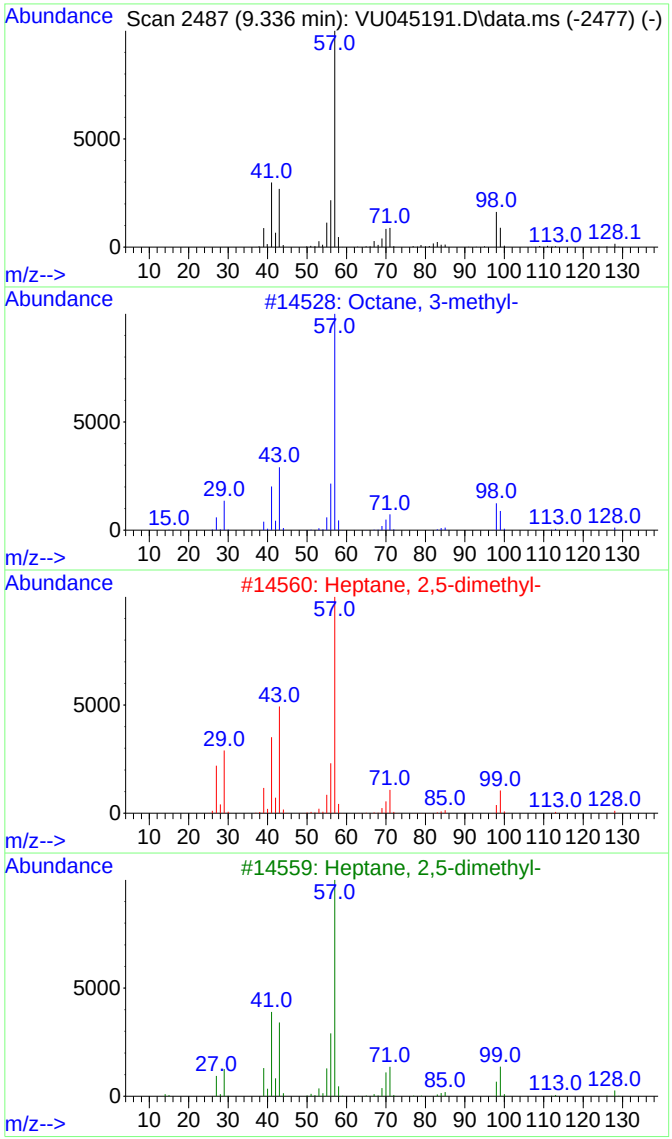
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

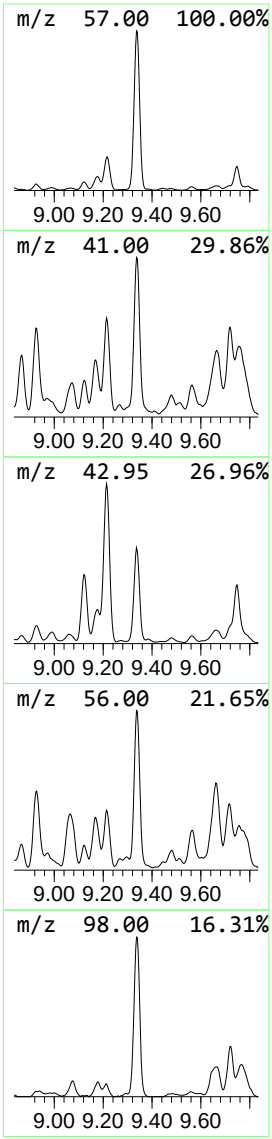
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.336	165.33 ug/L	620826	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4	Octane, 3-methyl-	128	C9H20	002216-33-3	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

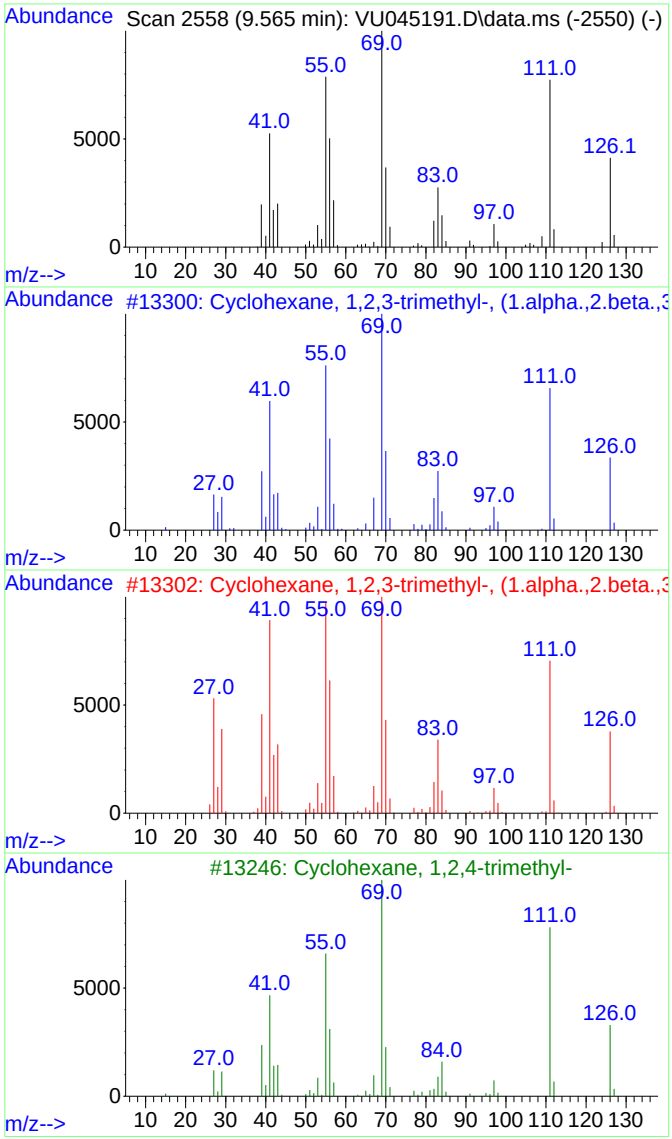
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

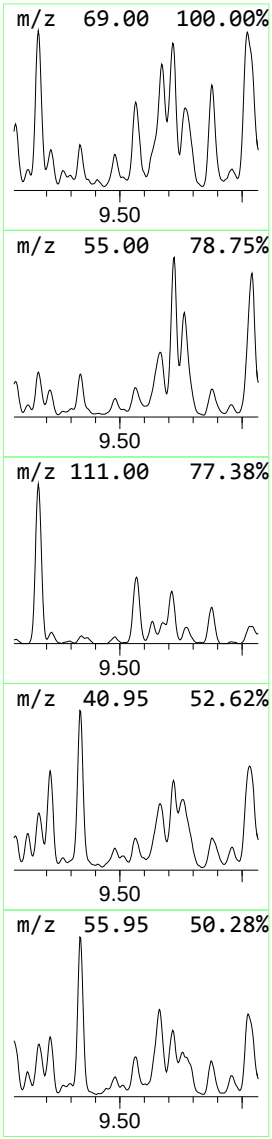
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic9.565 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.565	34.90 ug/L	131039	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	87
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

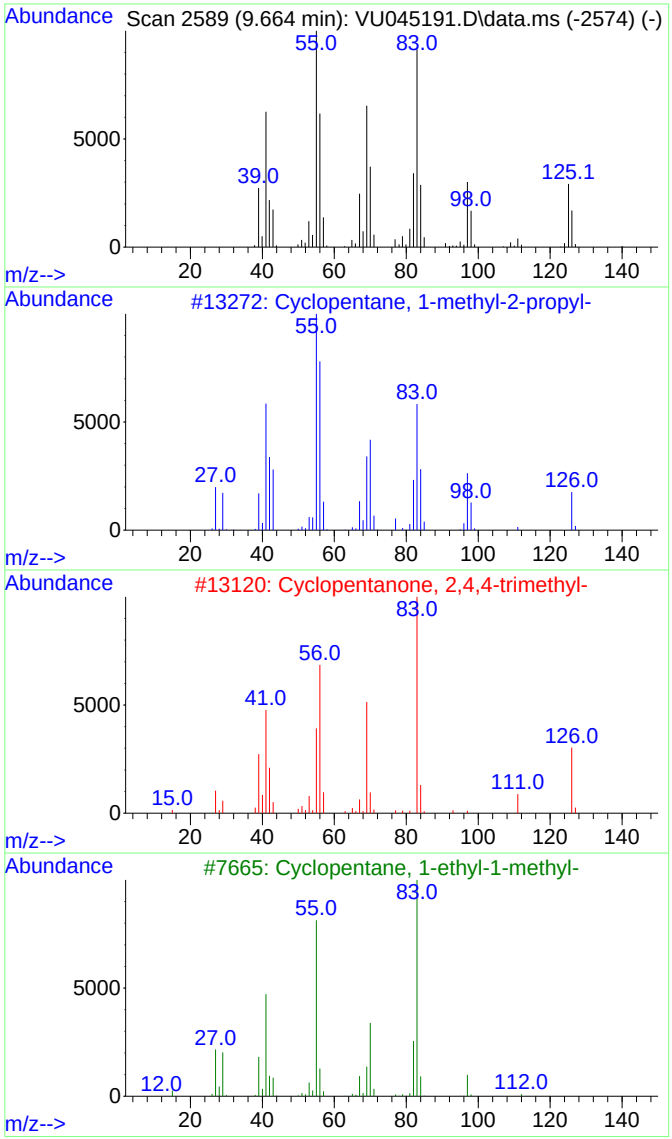
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

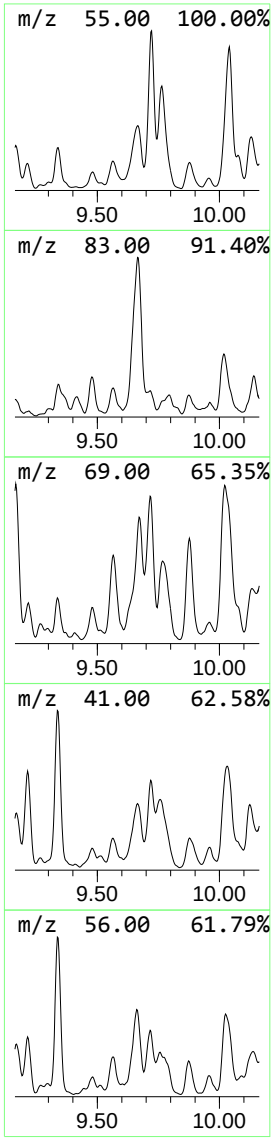
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic9.664 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.664	117.37 ug/L	440720	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	70
2	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	46
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	46
4	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	38
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

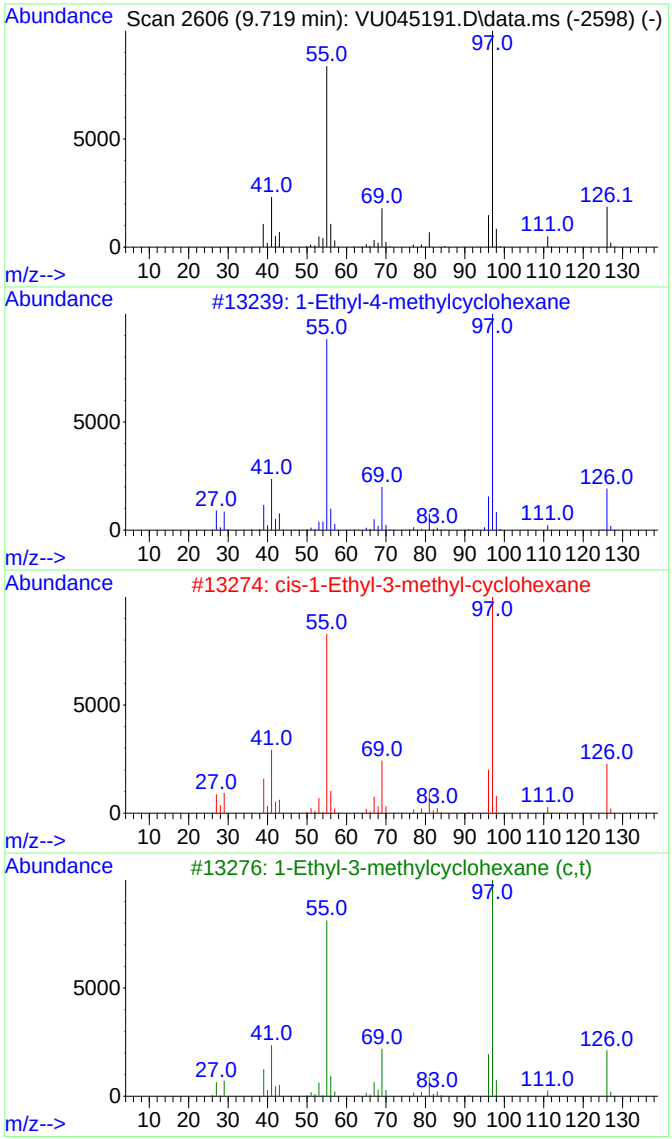
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

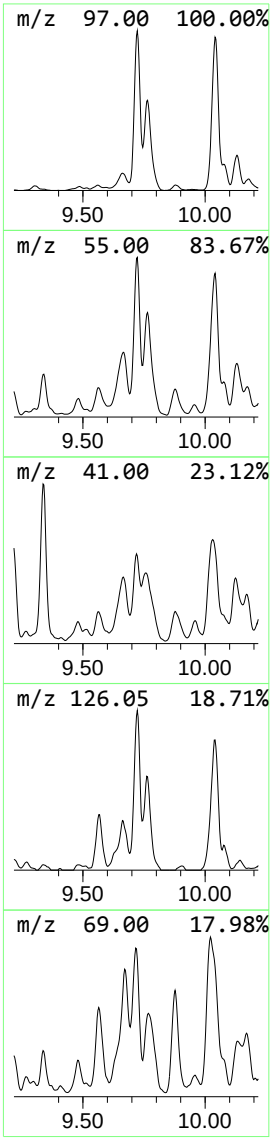
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic9.719 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.719	97.84 ug/L	367392	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	78
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

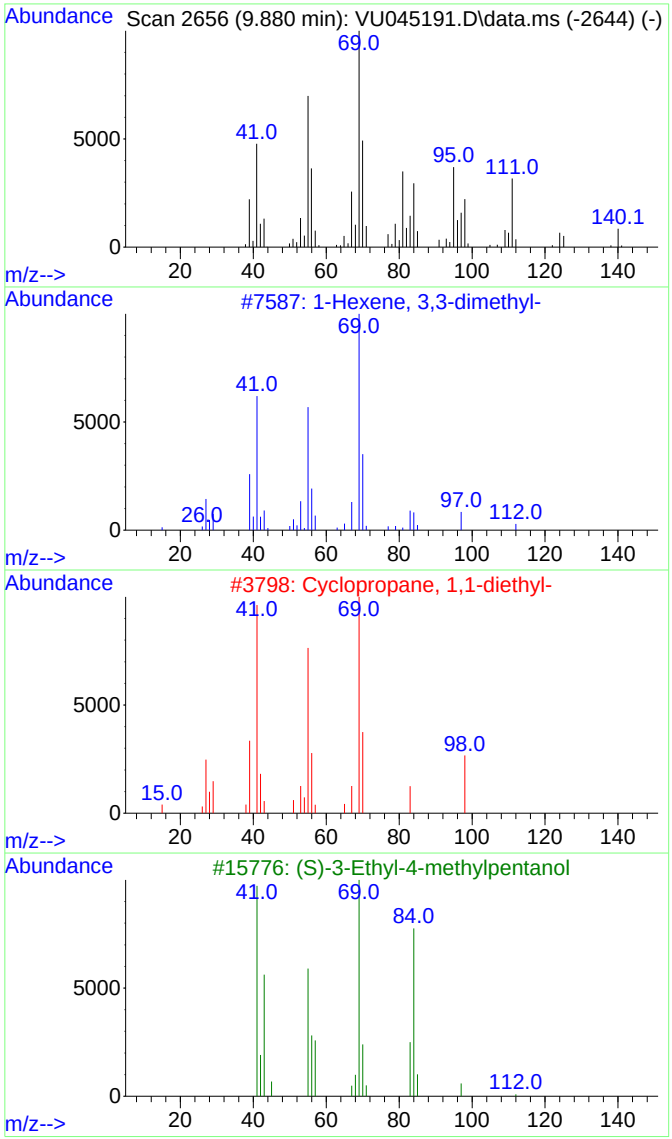
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

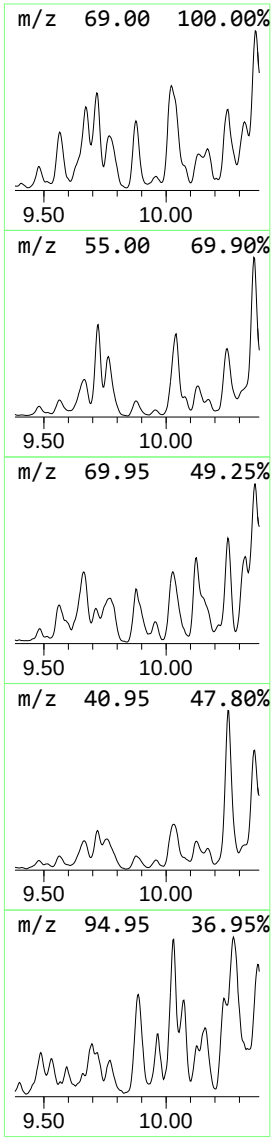
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	75.04 ug/L	281796	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
2	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
3	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	46
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	45
5	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

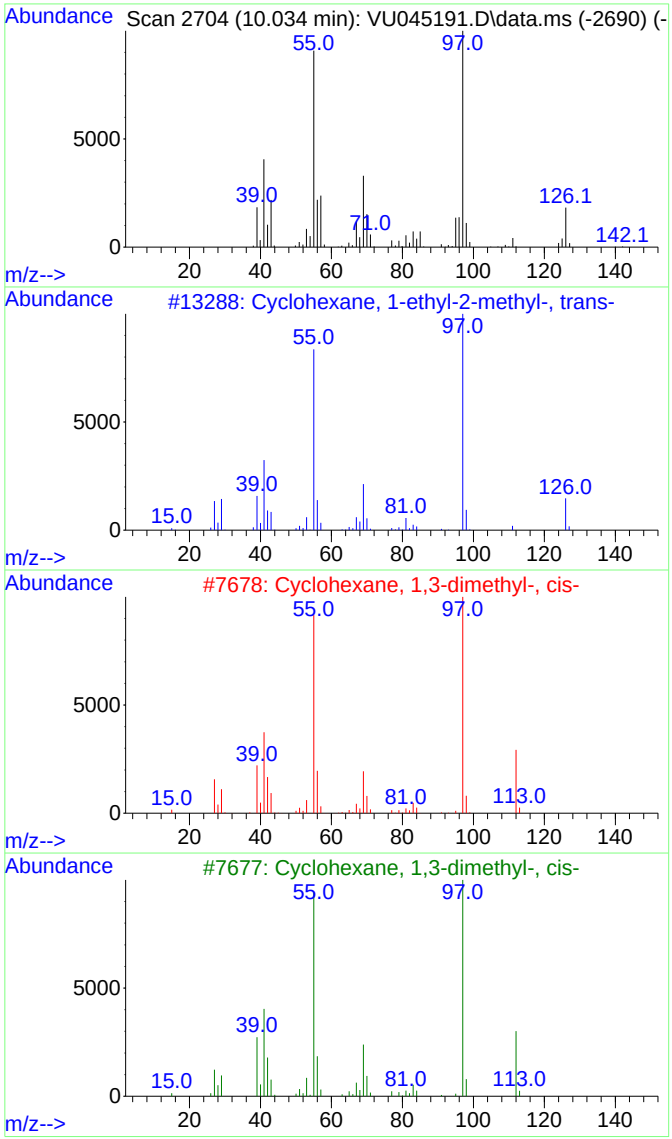
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

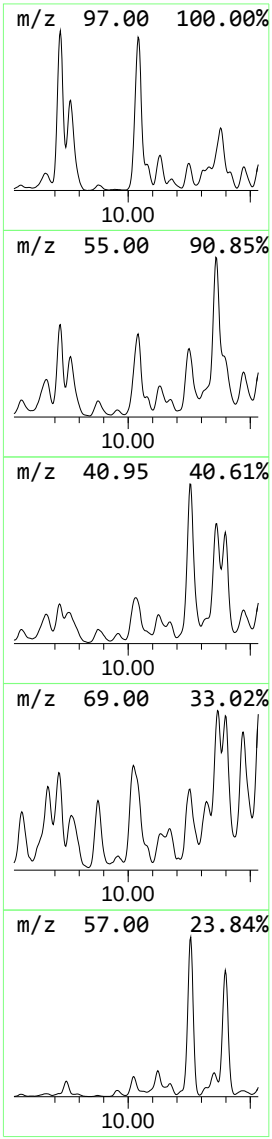
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic10.034 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	257.23 ug/L	965923	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	76
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

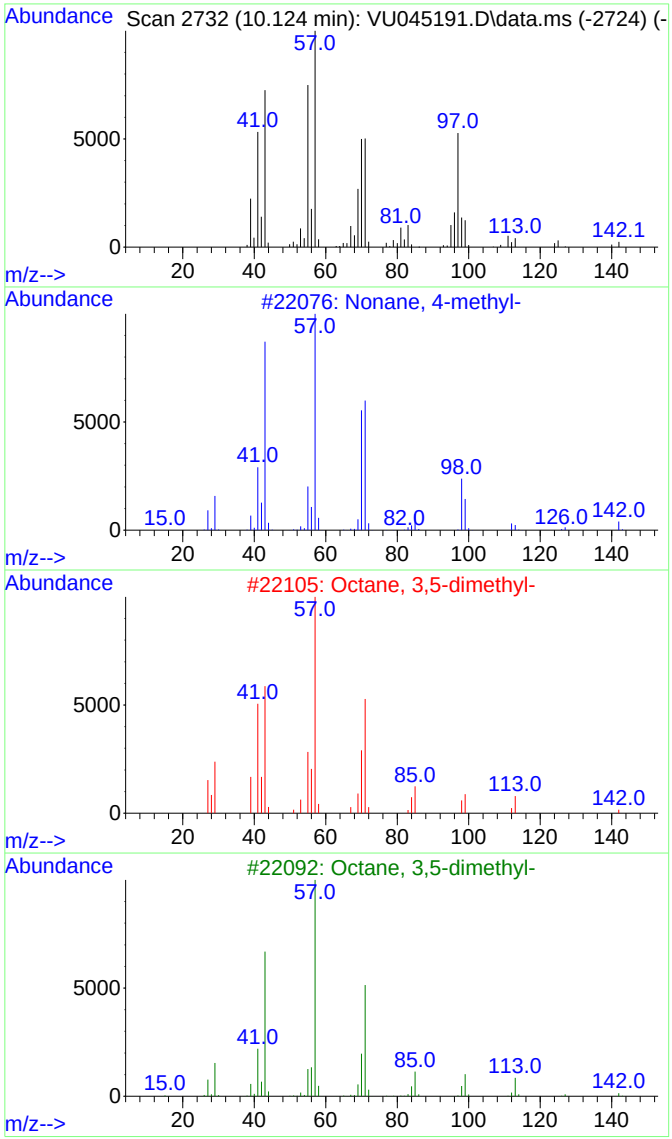
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

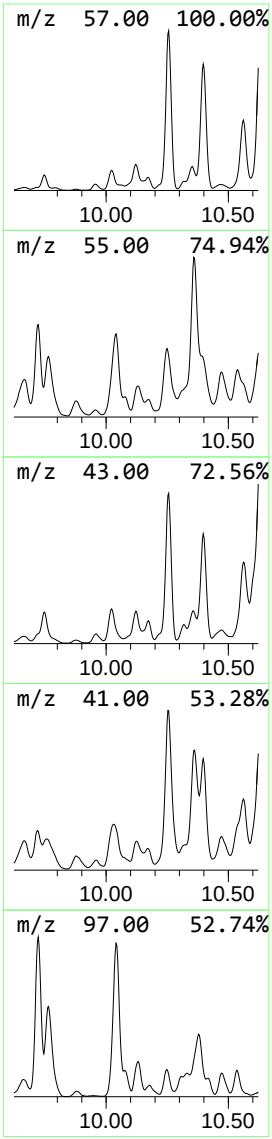
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.124	82.91 ug/L	311346	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	38
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	35
4	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	35
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

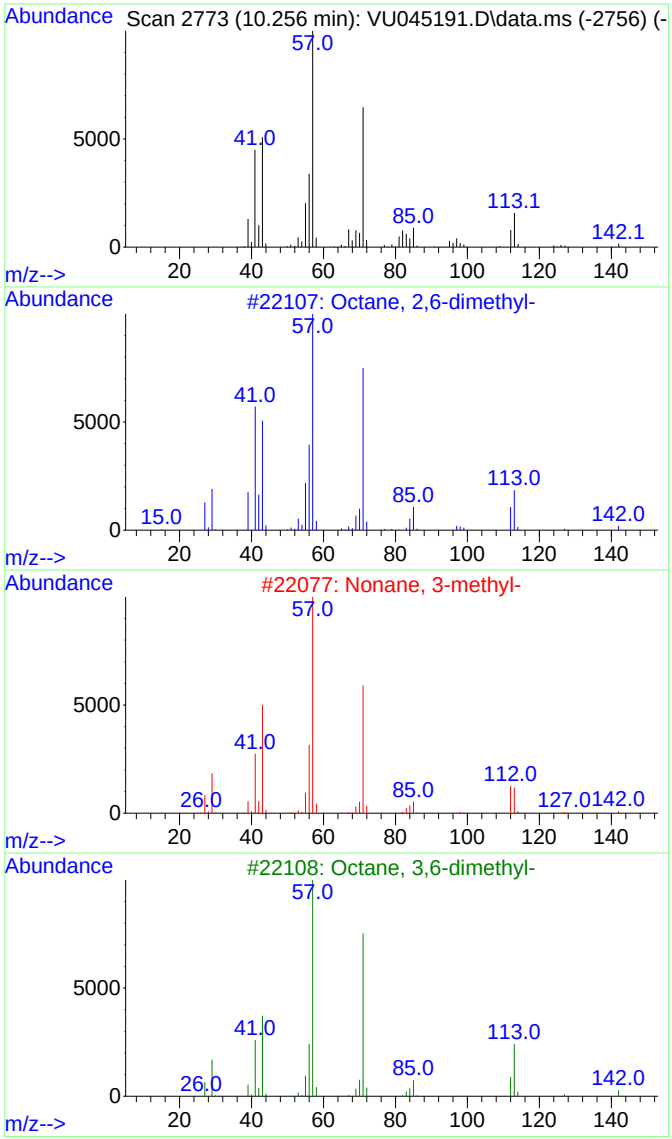
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

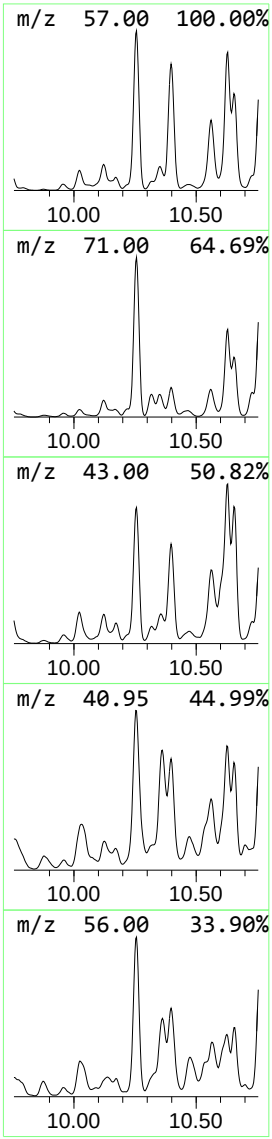
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.256	554.31 ug/L	2081460	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

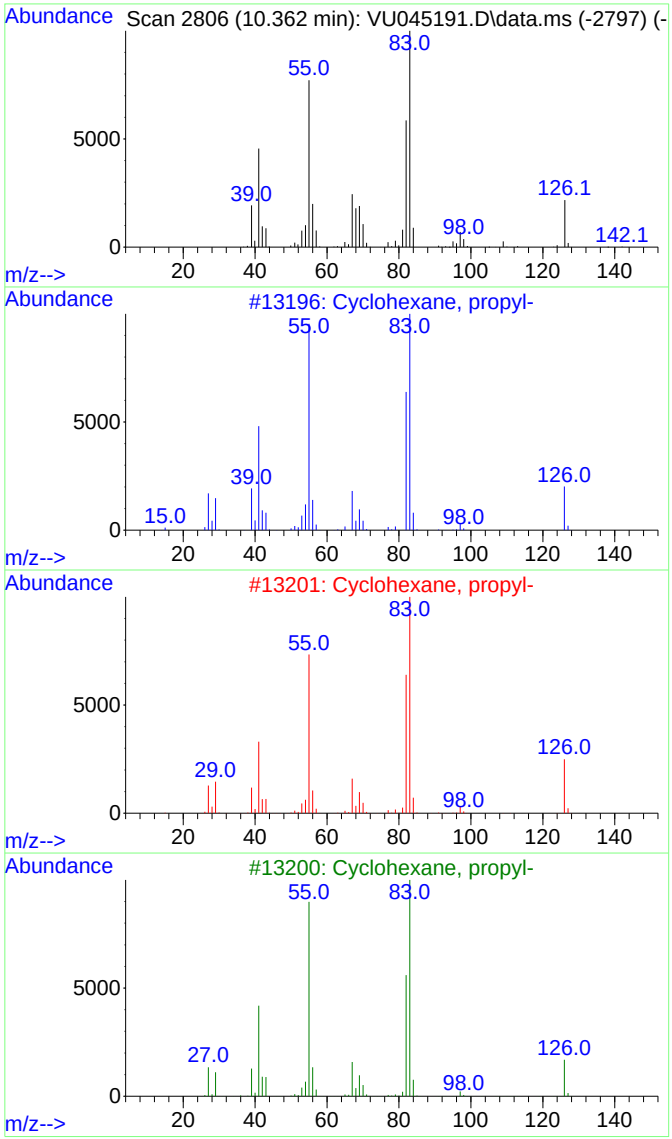
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

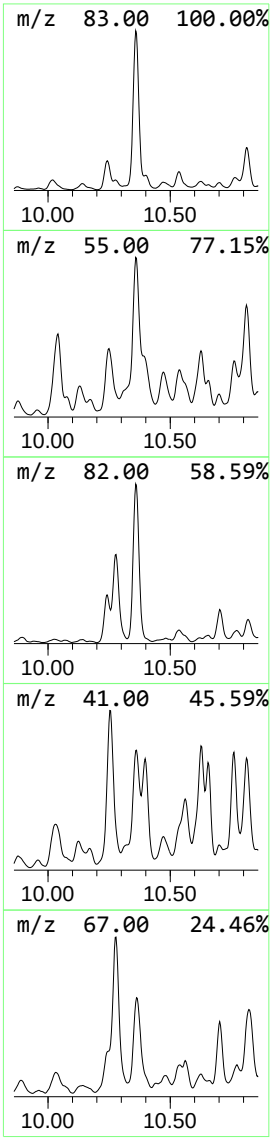
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic10.362 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.362	283.77 ug/L	1065580	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

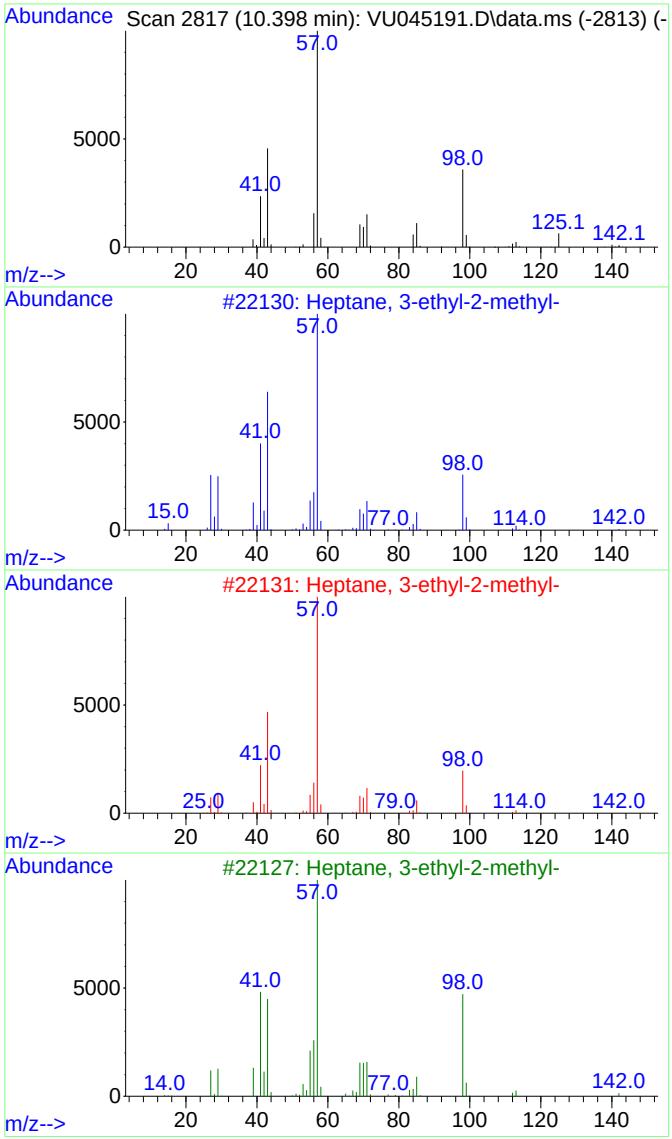
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

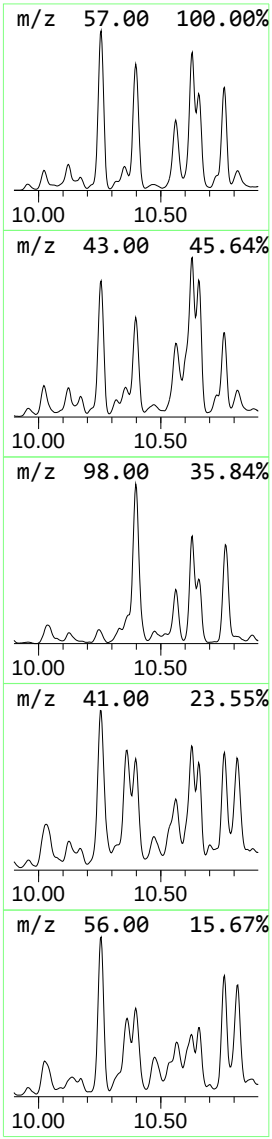
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.398	242.68 ug/L	911278	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

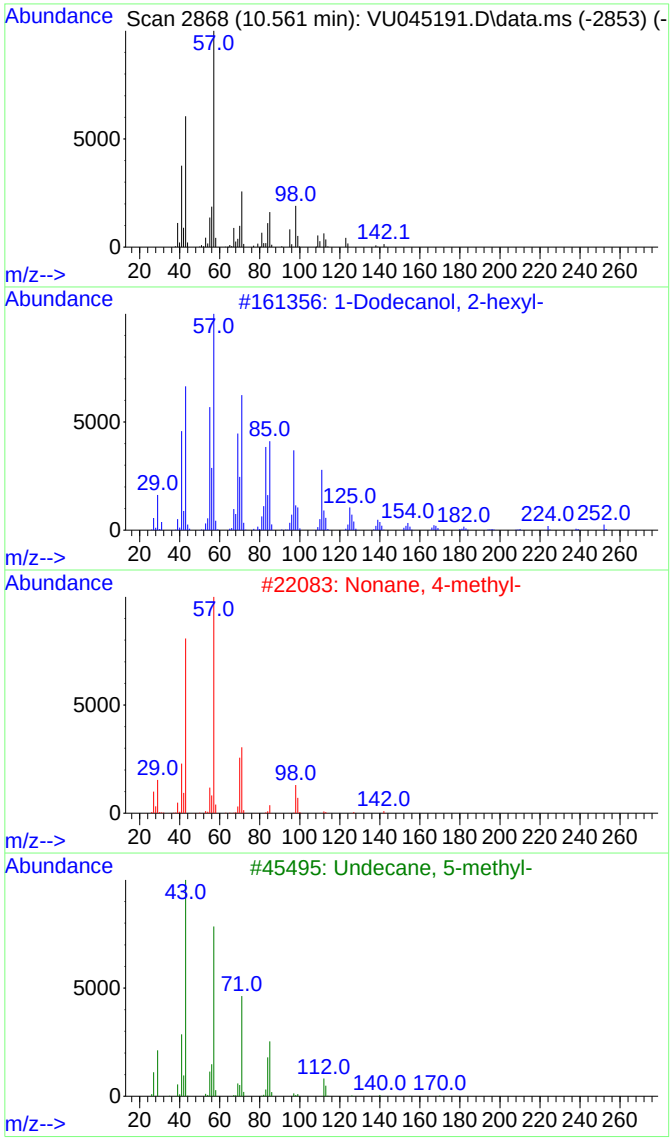
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

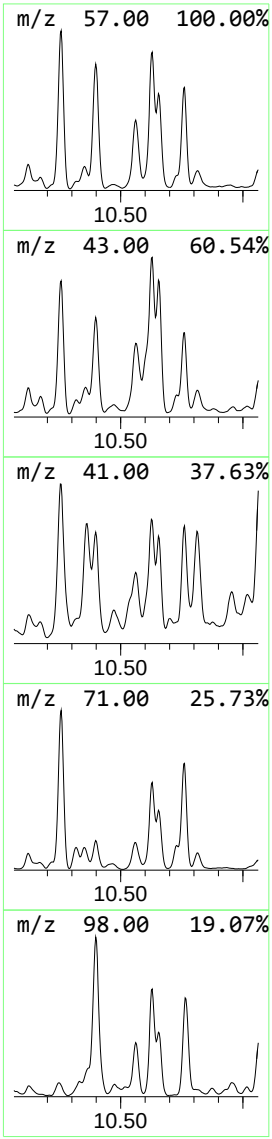
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1-Dodecanol, 2-hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.562	235.88 ug/L	885731	Chlorobenzene-d5	9.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	50
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	46
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
4	Decane	142	C10H22	000124-18-5	43
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

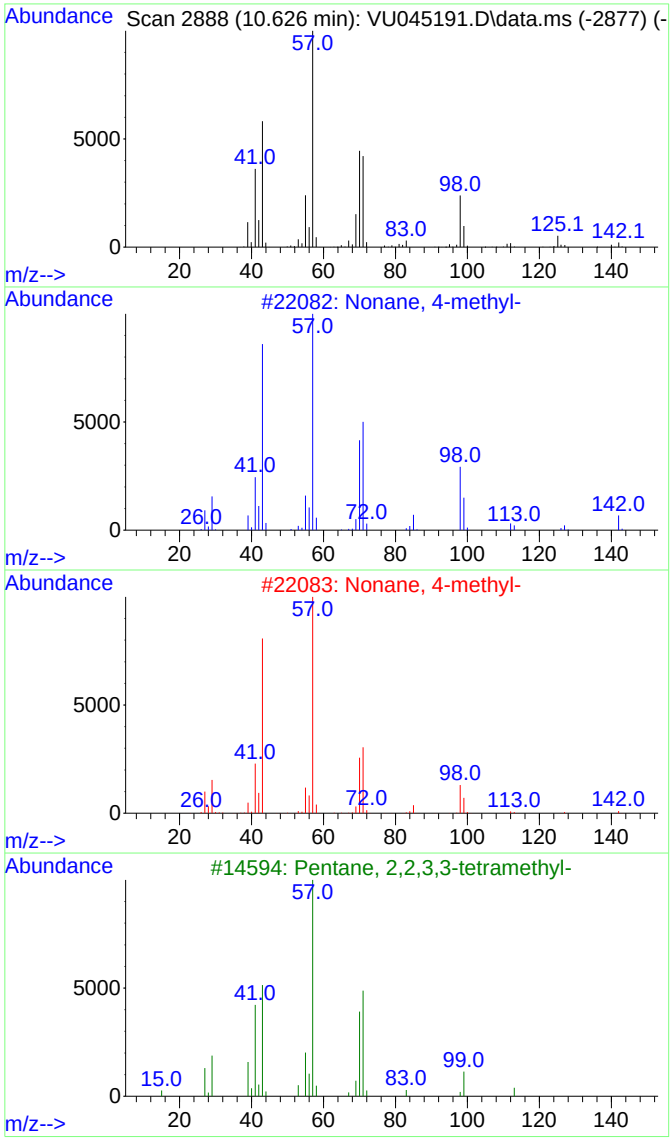
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

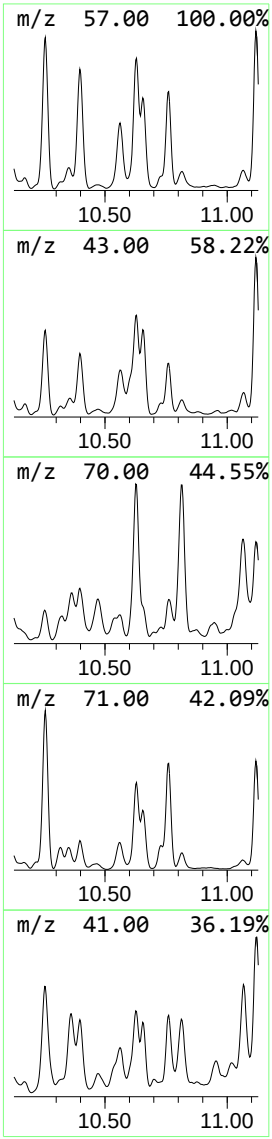
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	112.10 ug/L	1171440	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4	Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	53
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

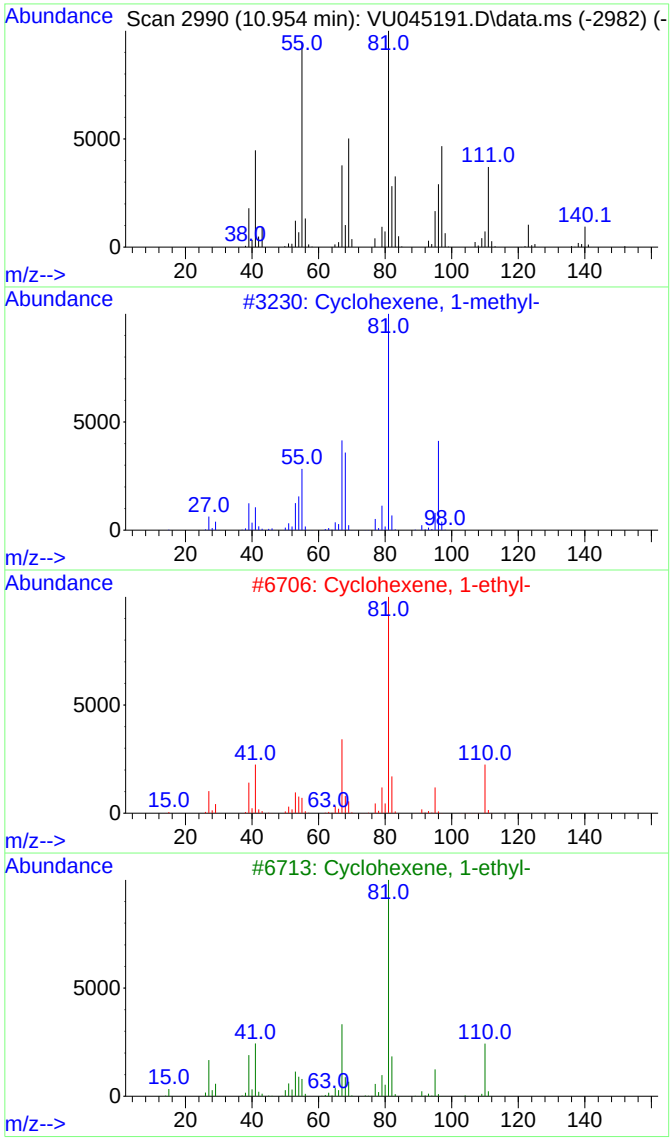
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

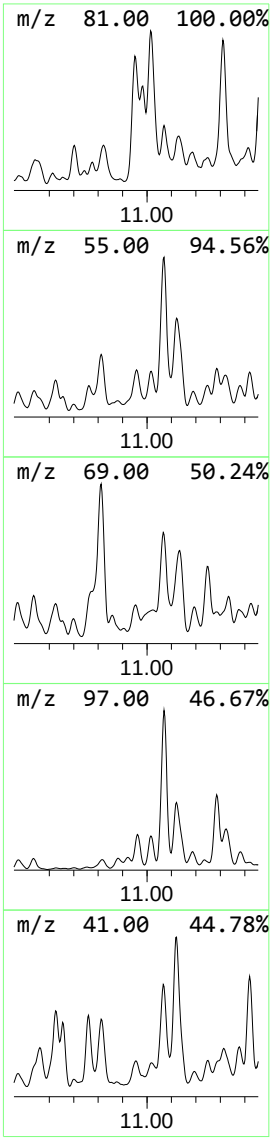
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic10.954 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.954	49.00 ug/L	512100	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	35
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	35
5	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

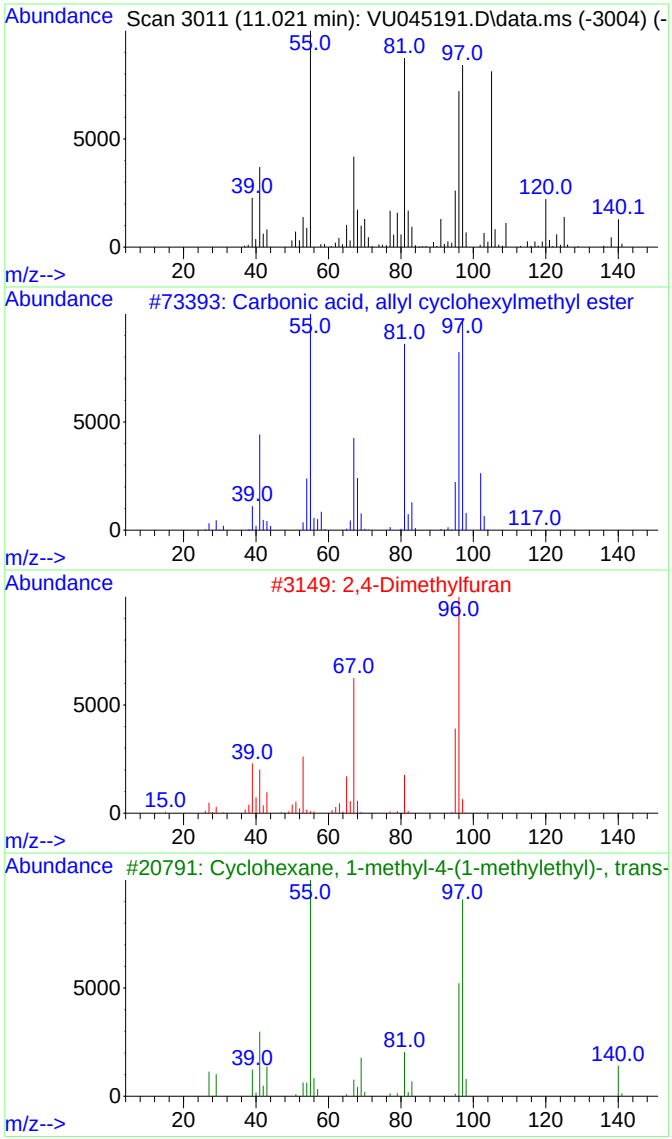
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

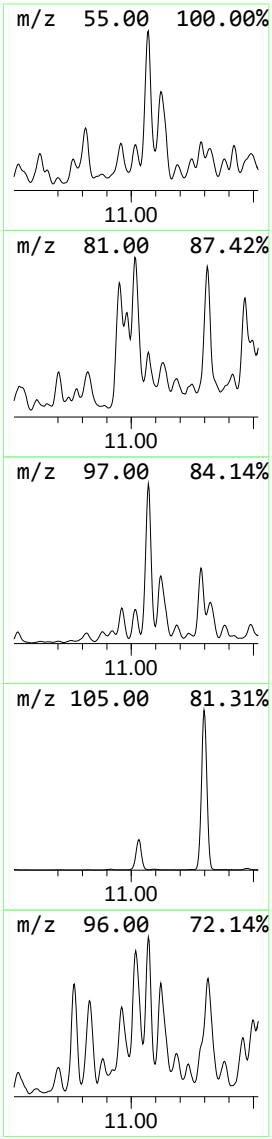
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Carbonic acid, allyl cycloh... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.021	44.79 ug/L	468004	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	64
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	38
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	35
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	35
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

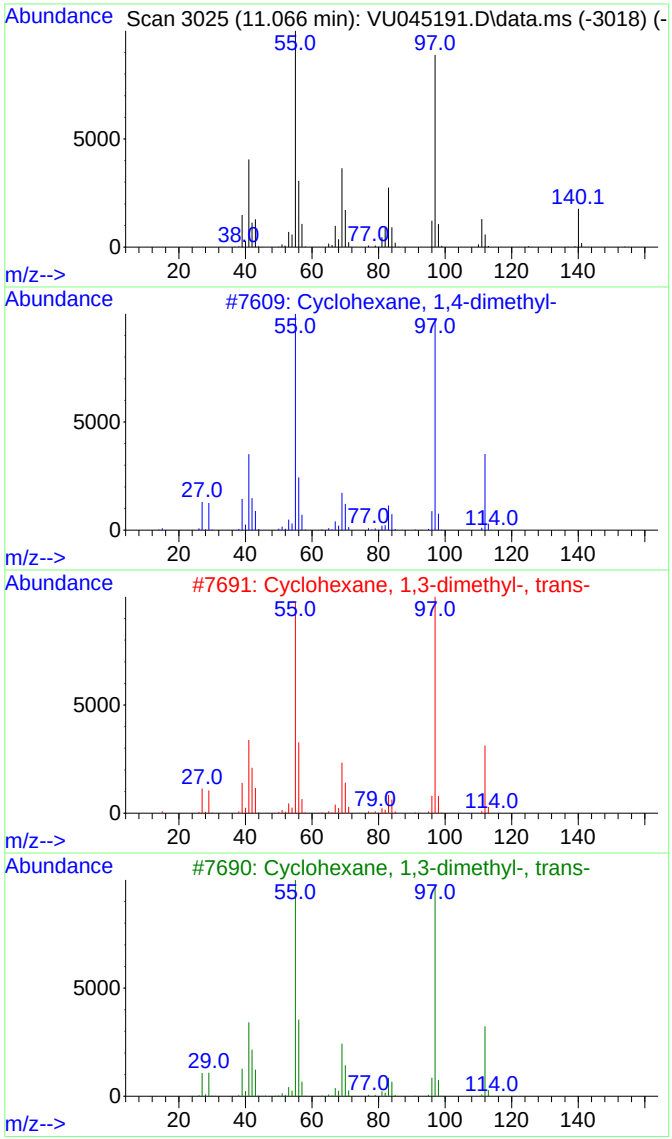
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

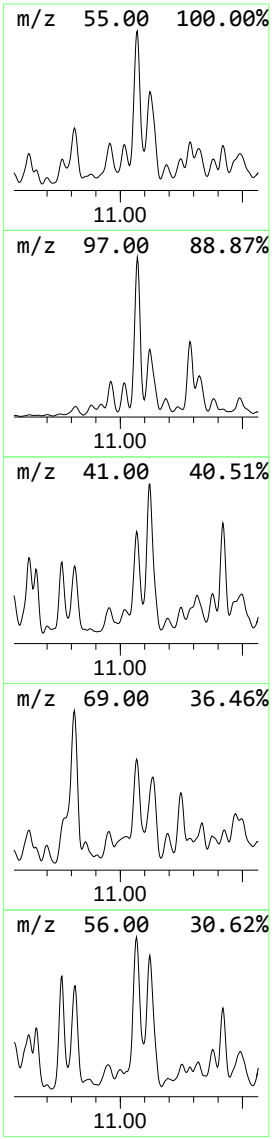
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Cyclic11.066 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.066	157.01 ug/L	1640790	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	68
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

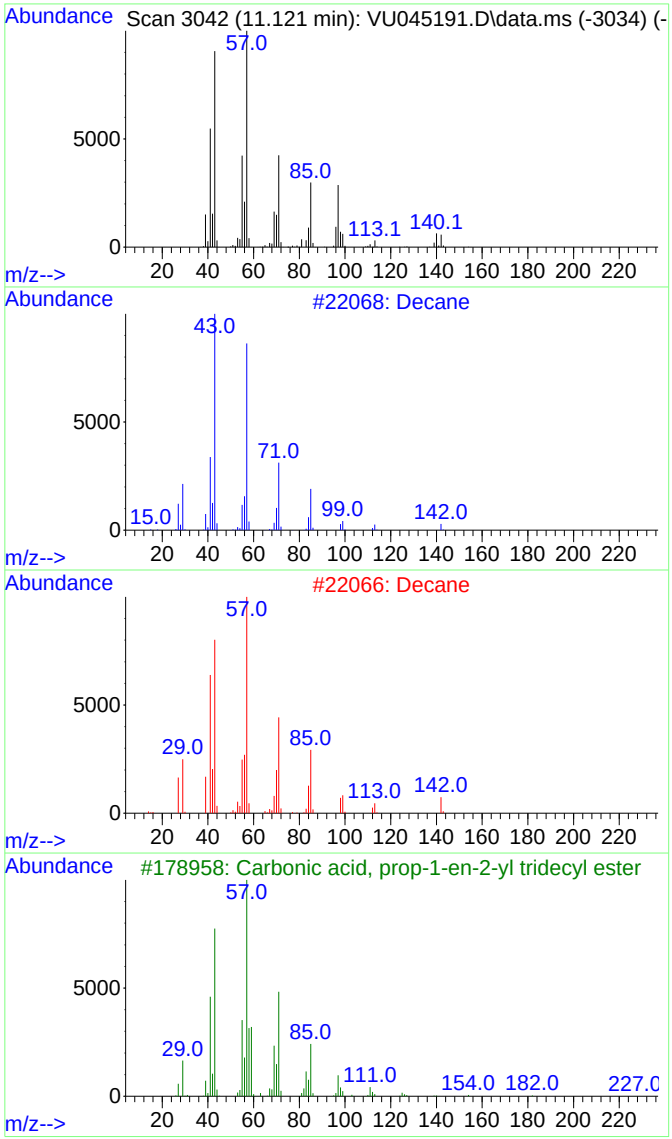
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

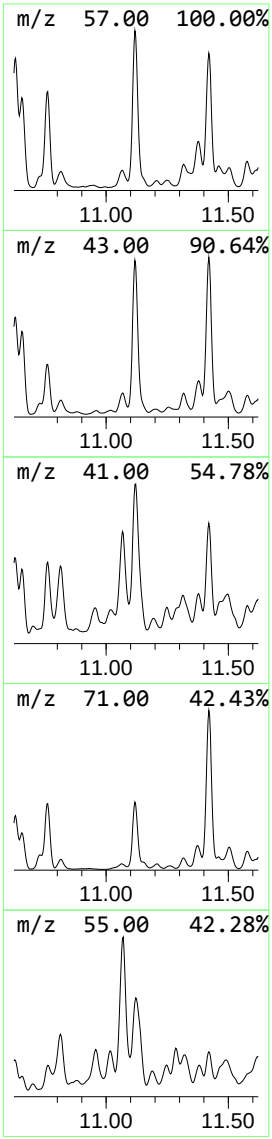
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.121	244.04 ug/L	2550240	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	76
2	Decane	142	C10H22	000124-18-5	76
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

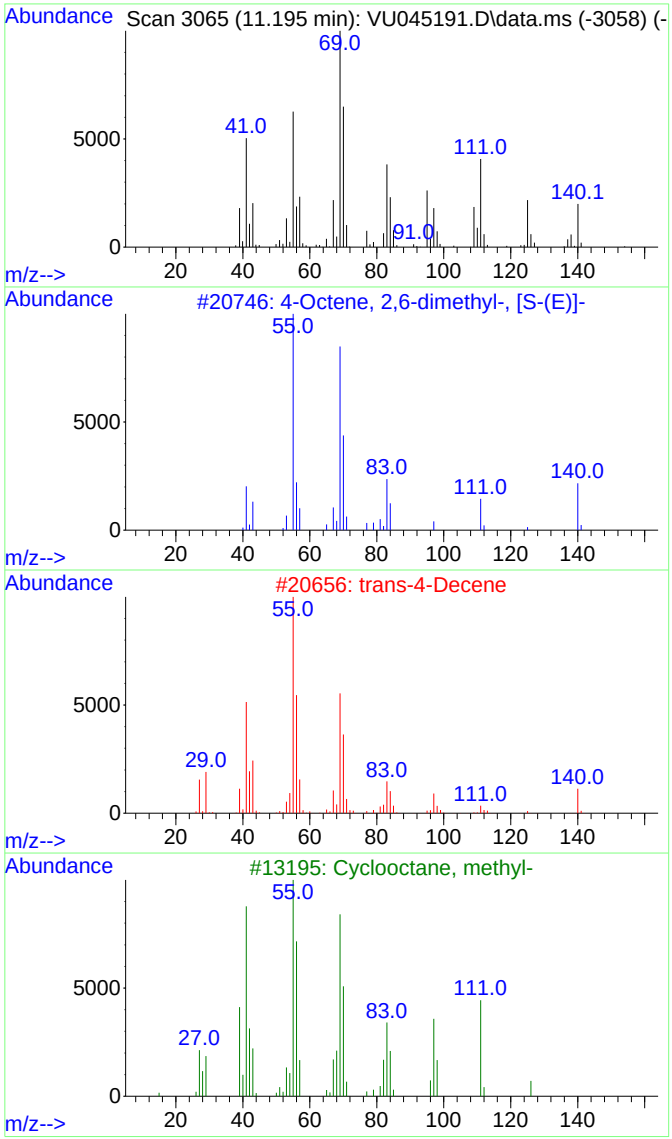
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

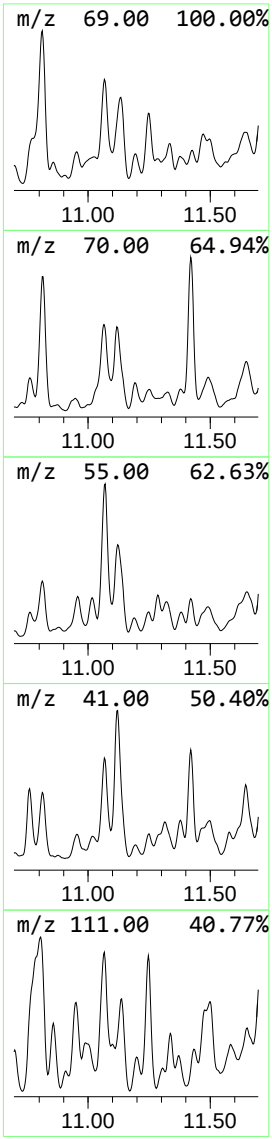
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.195	20.43 ug/L	213445	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
2	trans-4-Decene	140	C10H20	019398-89-1	58
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	58
4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	49
5	3-Decene	140	C10H20	019398-37-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

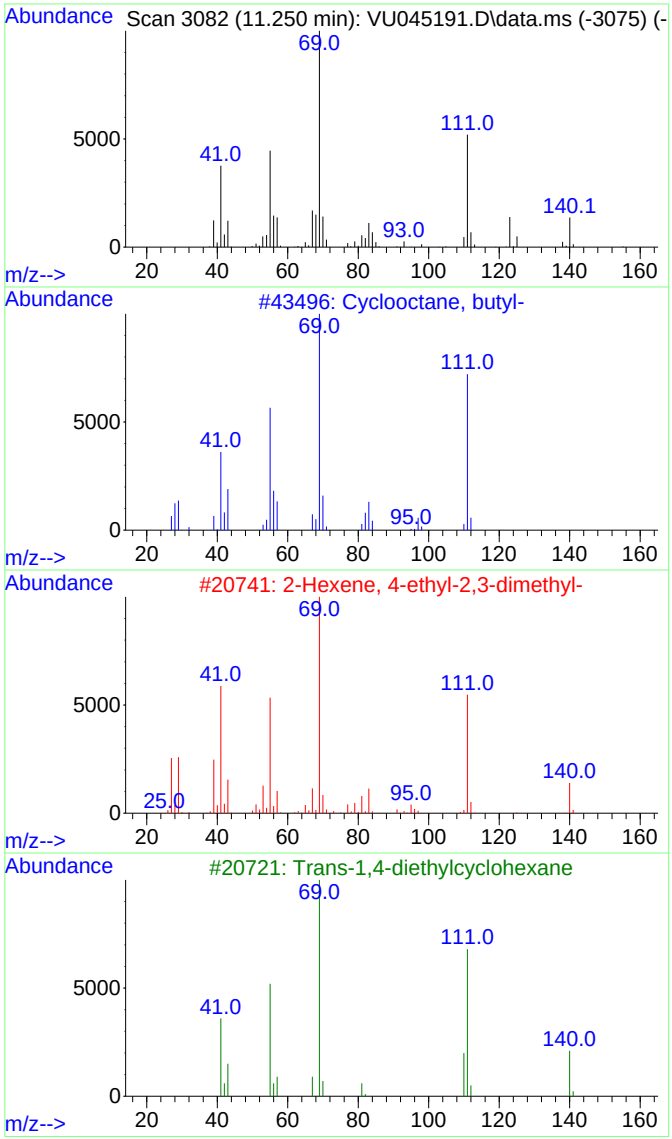
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

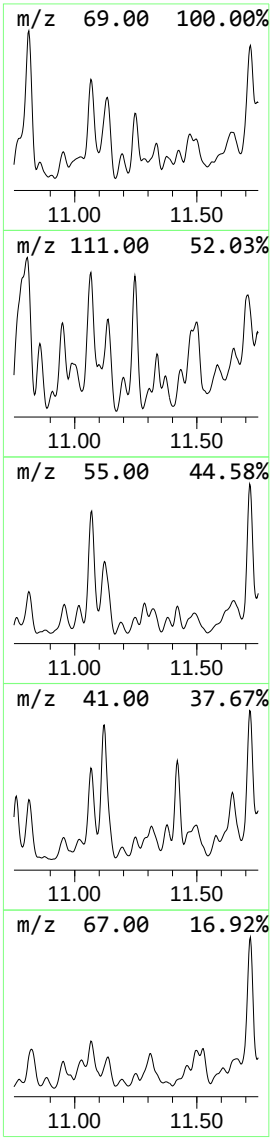
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Cyclic11.250 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.250	26.50 ug/L	276959	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
2	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	72
3	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	68
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

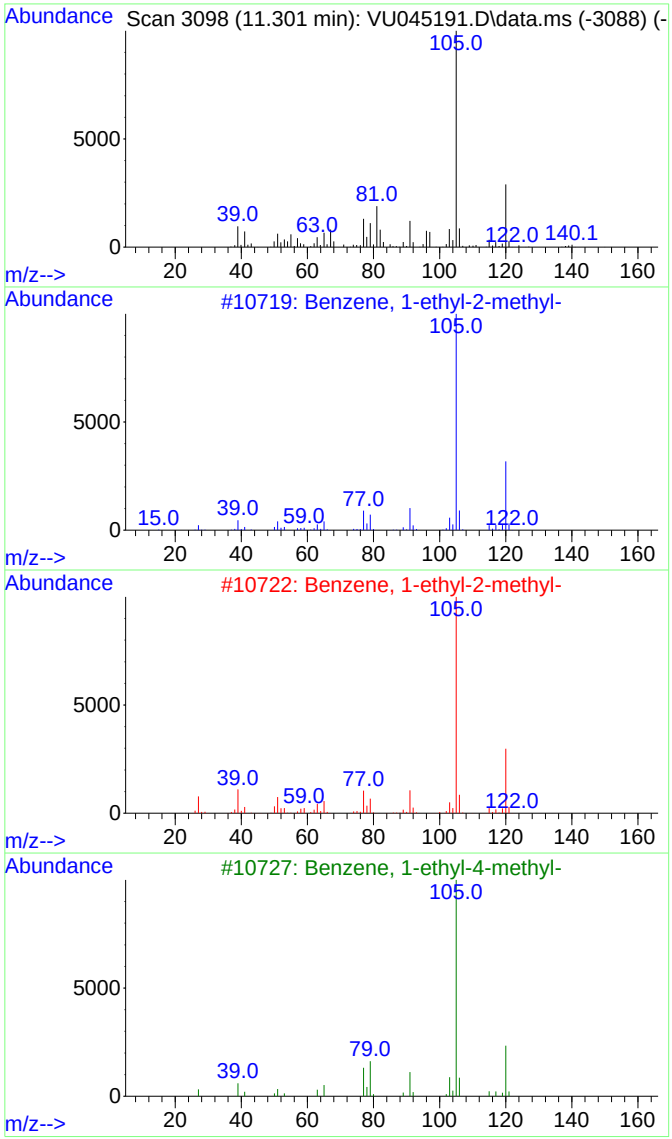
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

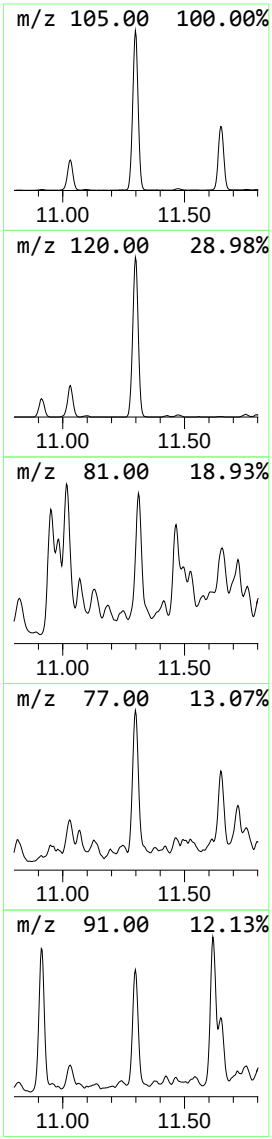
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.301	147.68 ug/L	1543290	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-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

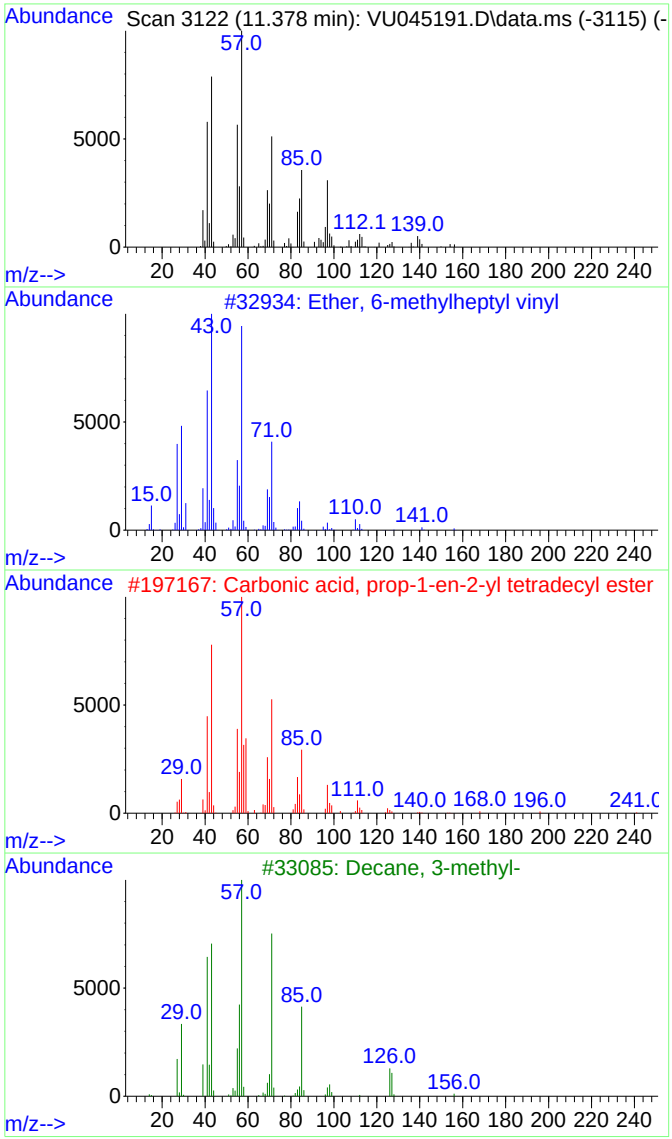
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

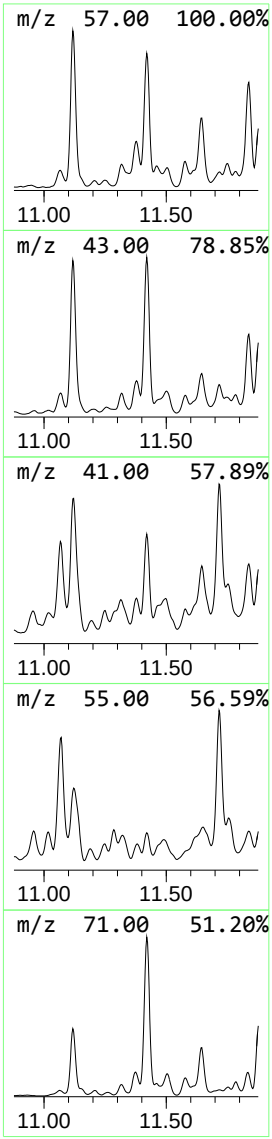
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Ether, 6-methylheptyl vinyl Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	40.66 ug/L	424942	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	64
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	53
3	Decane, 3-methyl-	156	C11H24	013151-34-3	46
4	Tetradecane	198	C14H30	000629-59-4	43
5	Carbonic acid, octyl prop-1-en-2...	214	C12H22O3	1000382-54-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

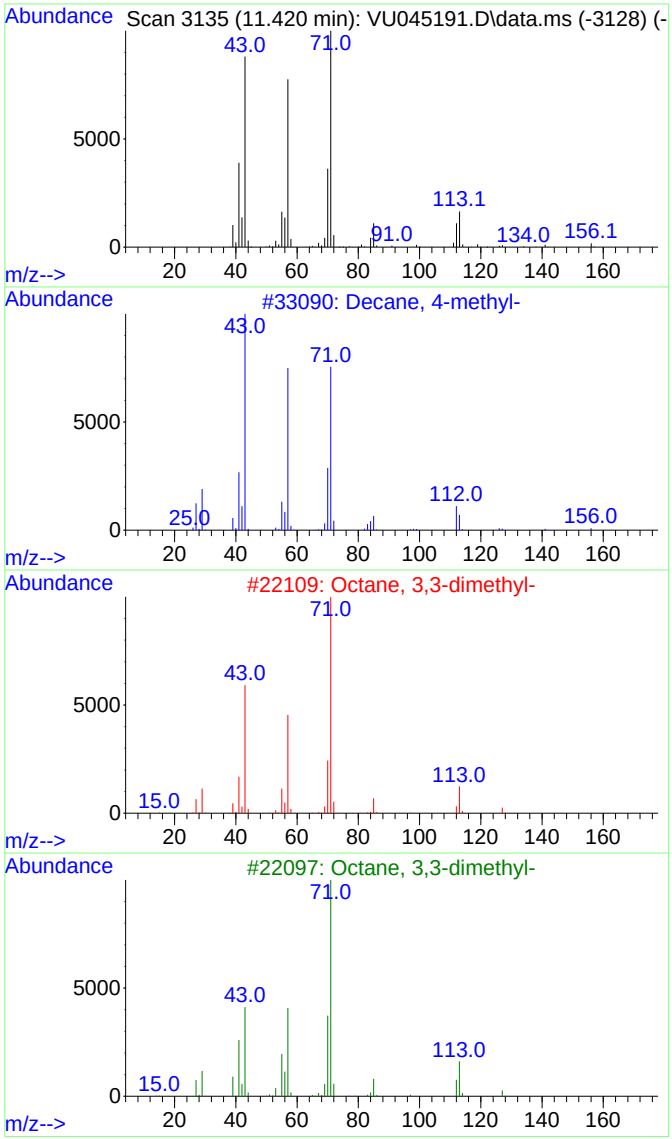
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

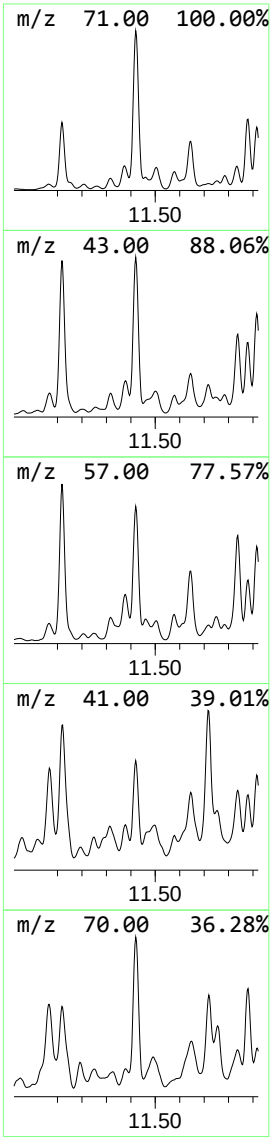
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.420	119.05 ug/L	1244090	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Decane, 4-methyl-	156	C11H24	002847-72-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

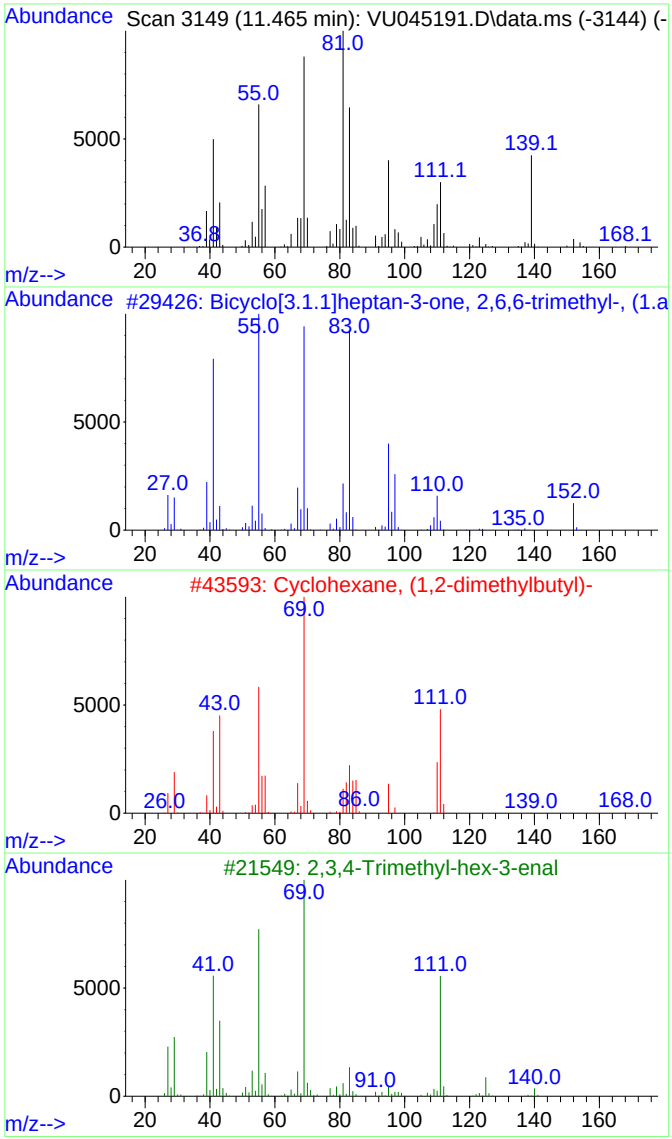
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

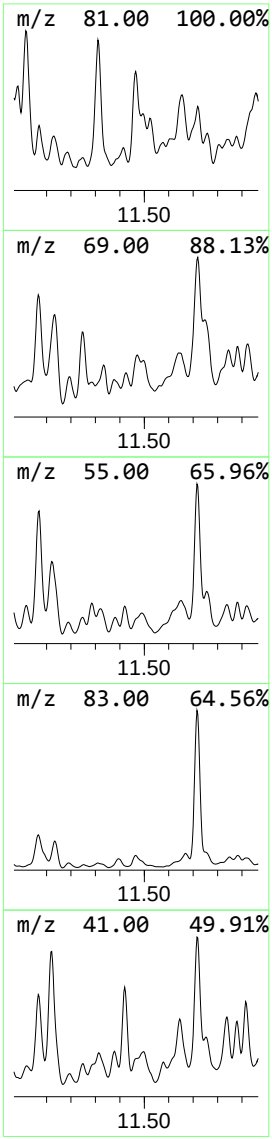
****

Peak Number 41 unknown-01 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.465	23.05 ug/L	240883	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	45
2	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	30
3	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	22
4	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	22
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

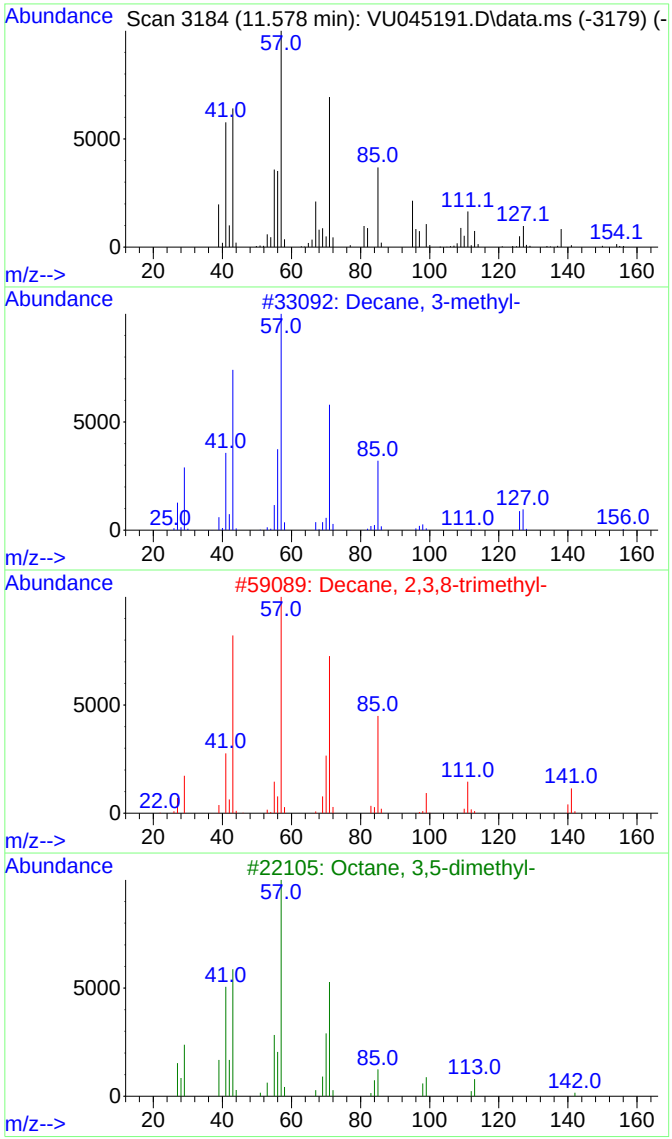
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

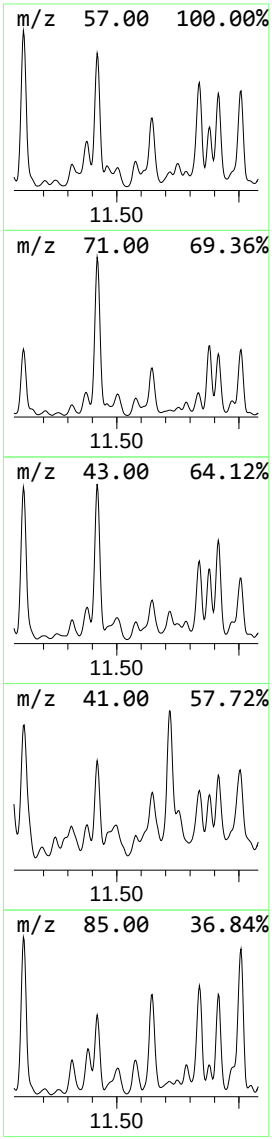
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.578	16.70 ug/L	174533	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	60
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	35
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

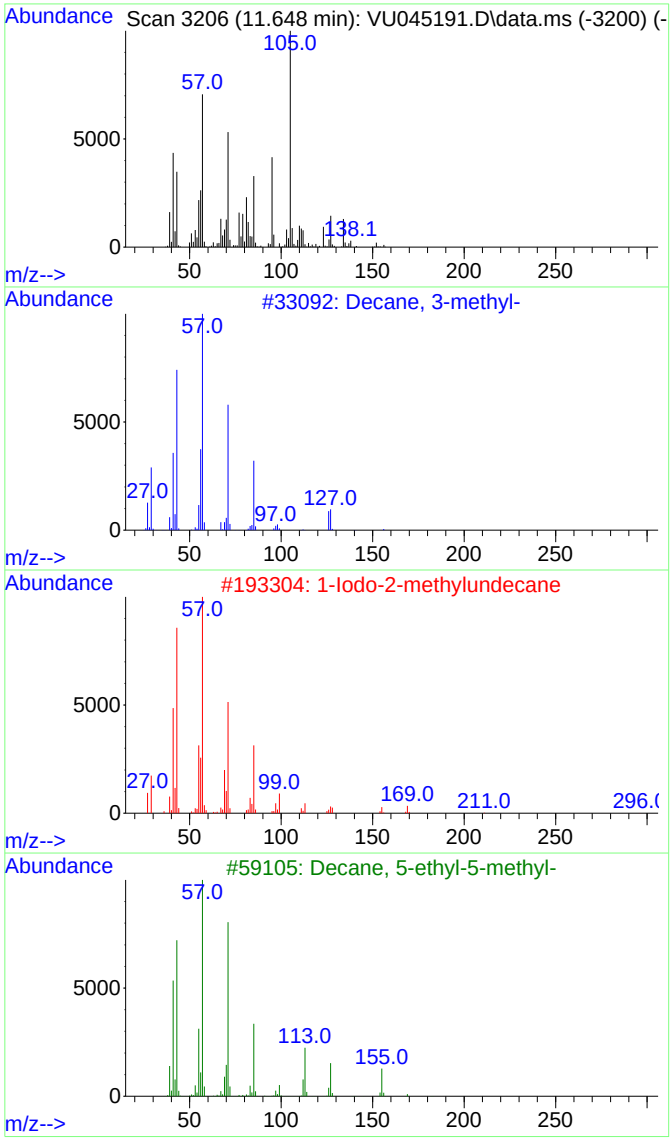
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

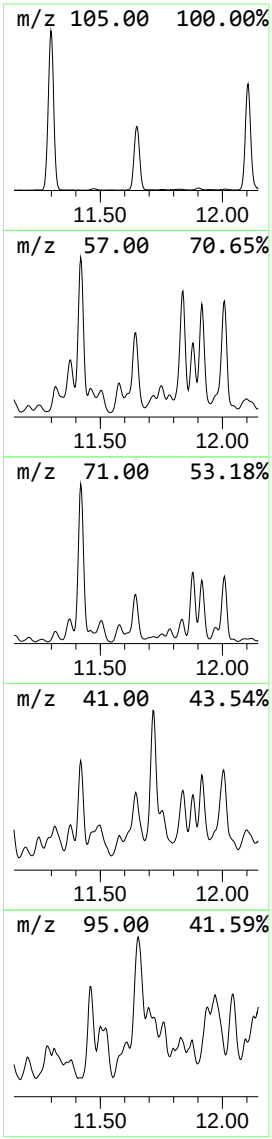
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.648	108.21 ug/L	1130800	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	45
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	35
3	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	27
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	22
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

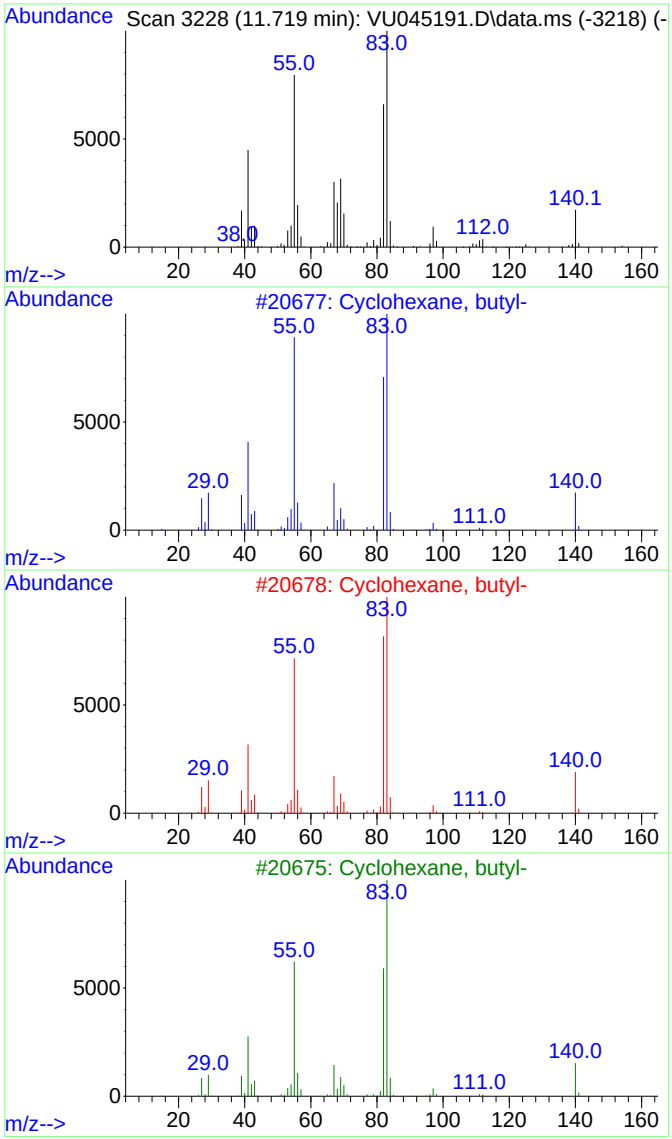
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

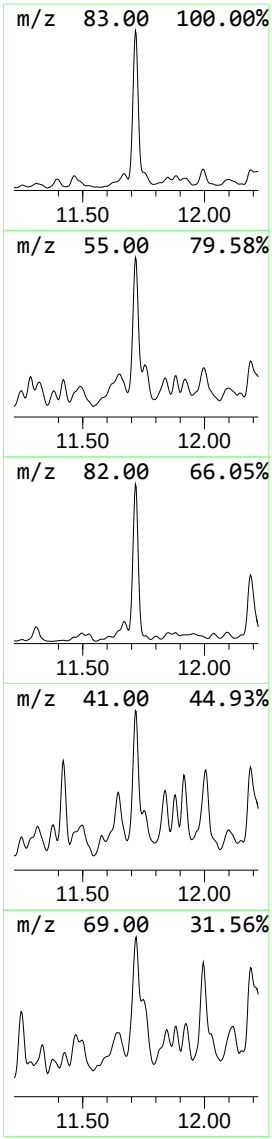
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Cyclic11.719 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.719	226.32 ug/L	2365040	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

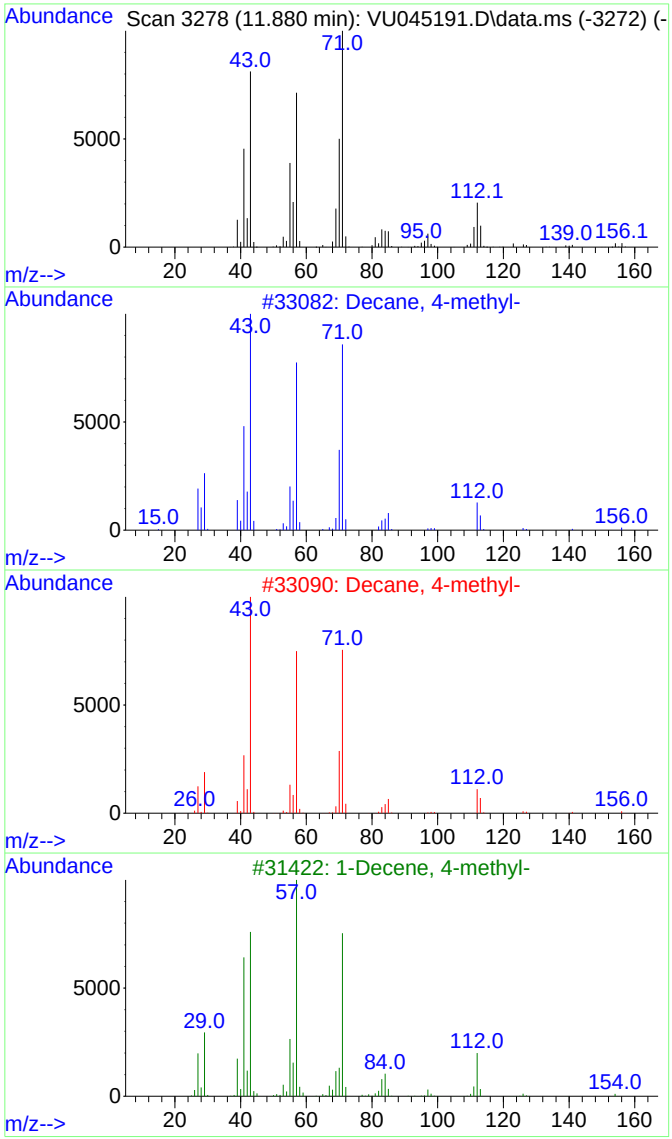
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

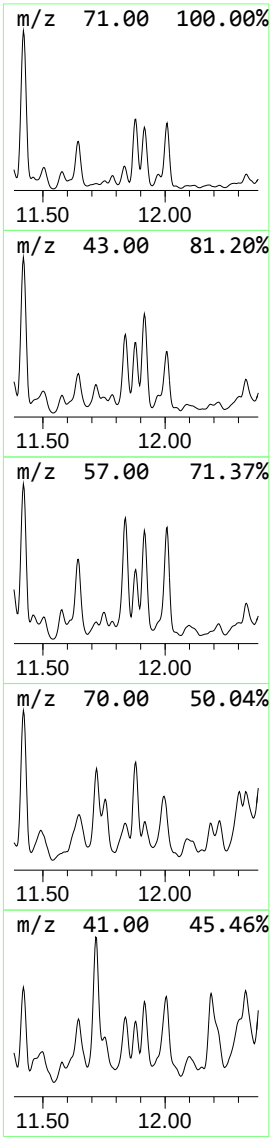
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	50.00 ug/L	522500	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	74
2	Decane, 4-methyl-	156	C11H24	002847-72-5	68
3	1-Decene, 4-methyl-	154	C11H22	013151-29-6	62
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	59
5	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

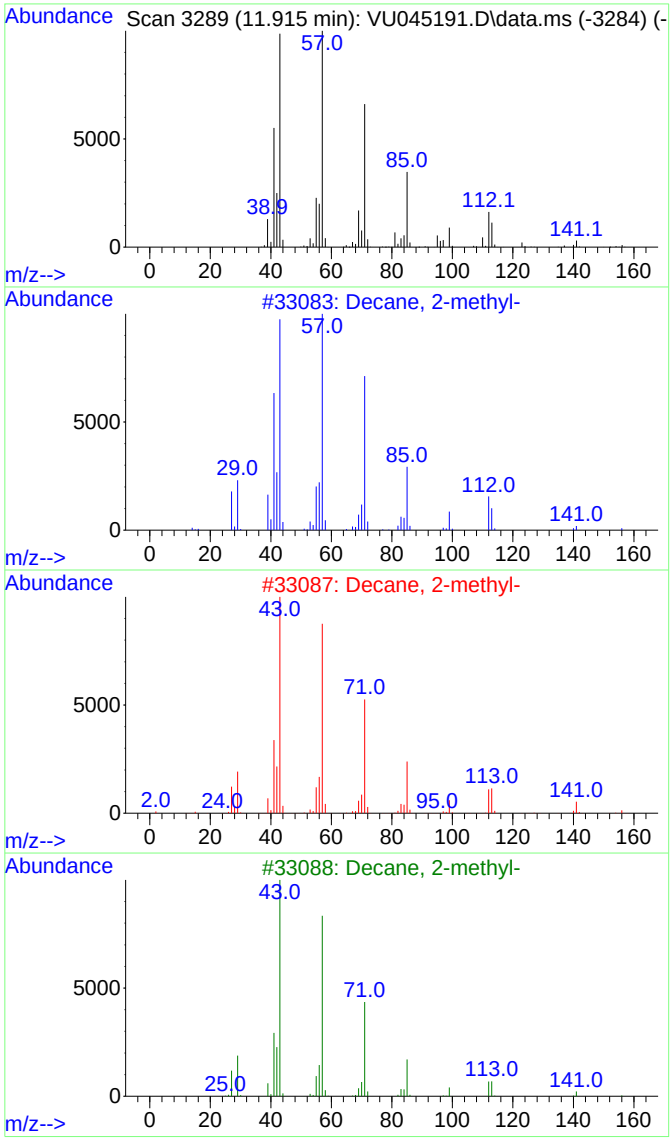
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

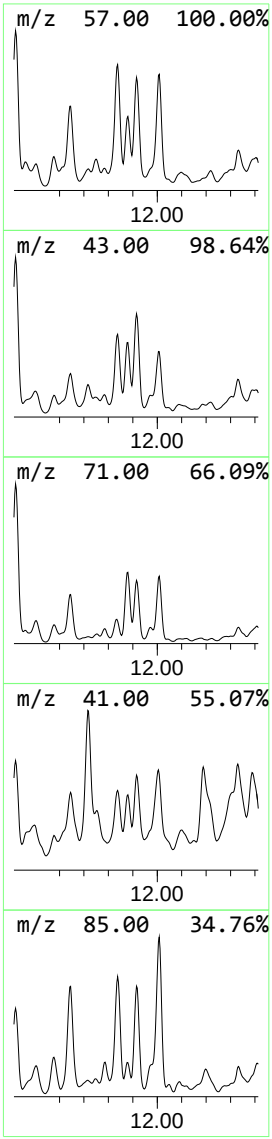
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.915	74.39 ug/L	777425	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	94
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Decane, 2-methyl-	156	C11H24	006975-98-0	74
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

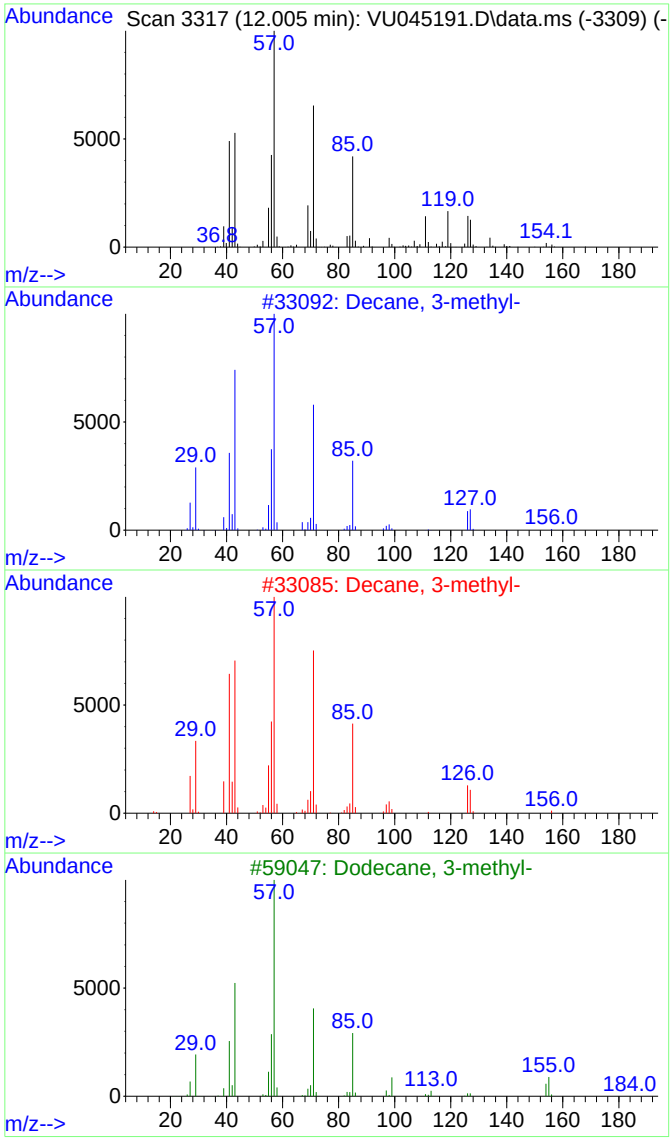
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

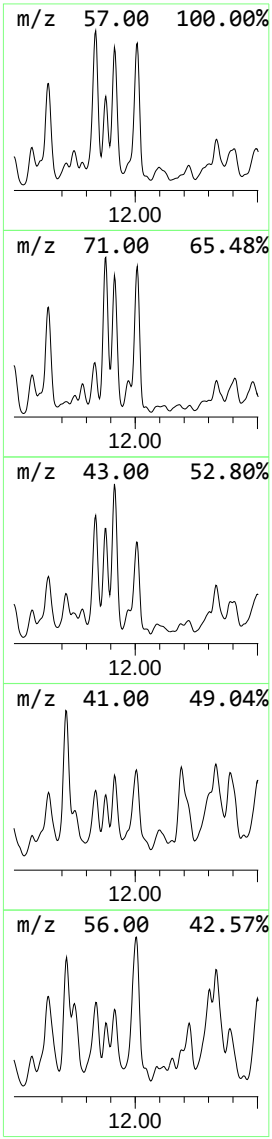
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	175.62 ug/L	1835220	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2	Decane, 3-methyl-	156	C11H24	013151-34-3	60
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

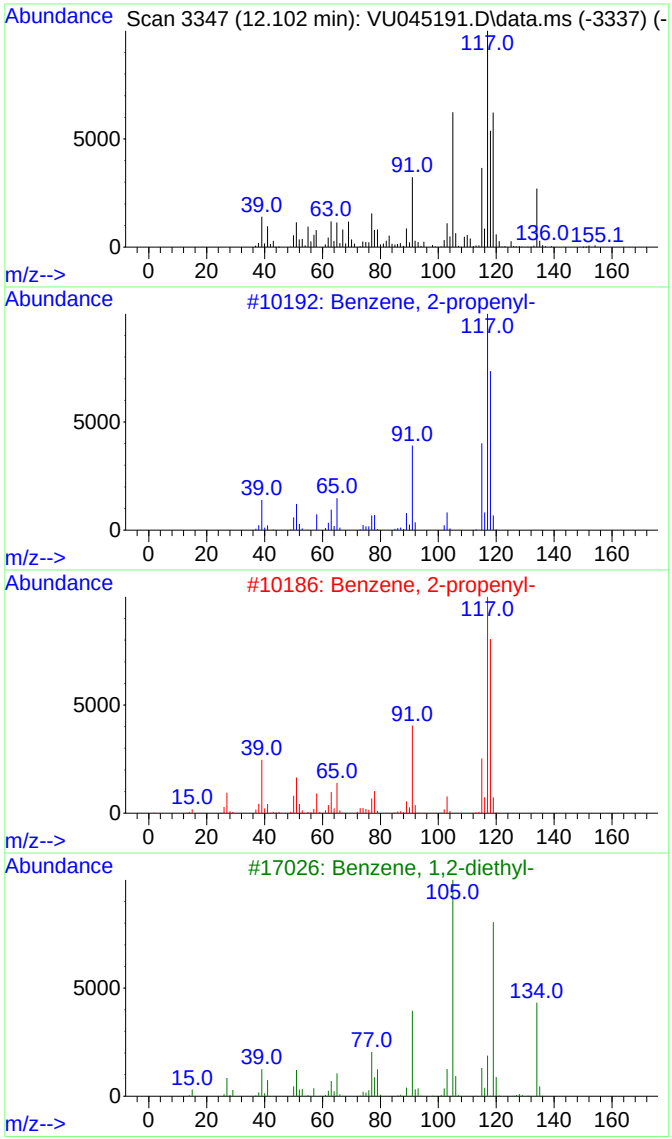
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

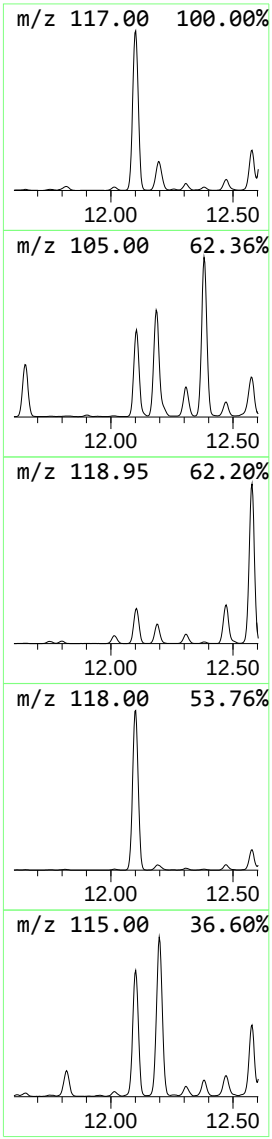
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 2-propenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	200.65 ug/L	2096810	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	80
4	Deltacyclene	118	C9H10	007785-10-6	78
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

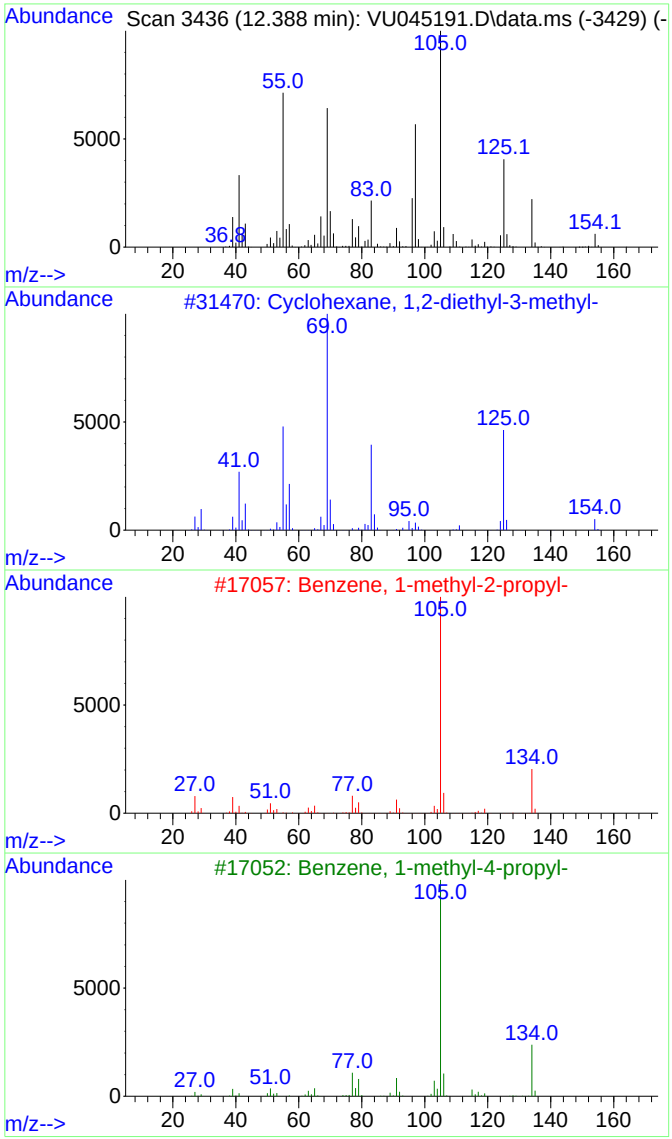
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

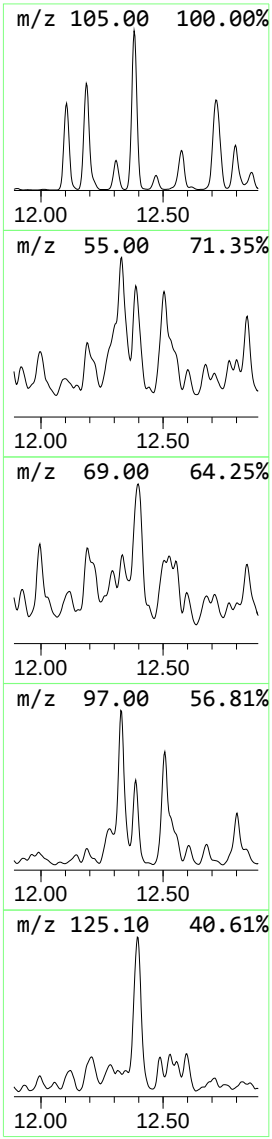
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Cyclic12.388 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.388	234.82 ug/L	2453820	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	27
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

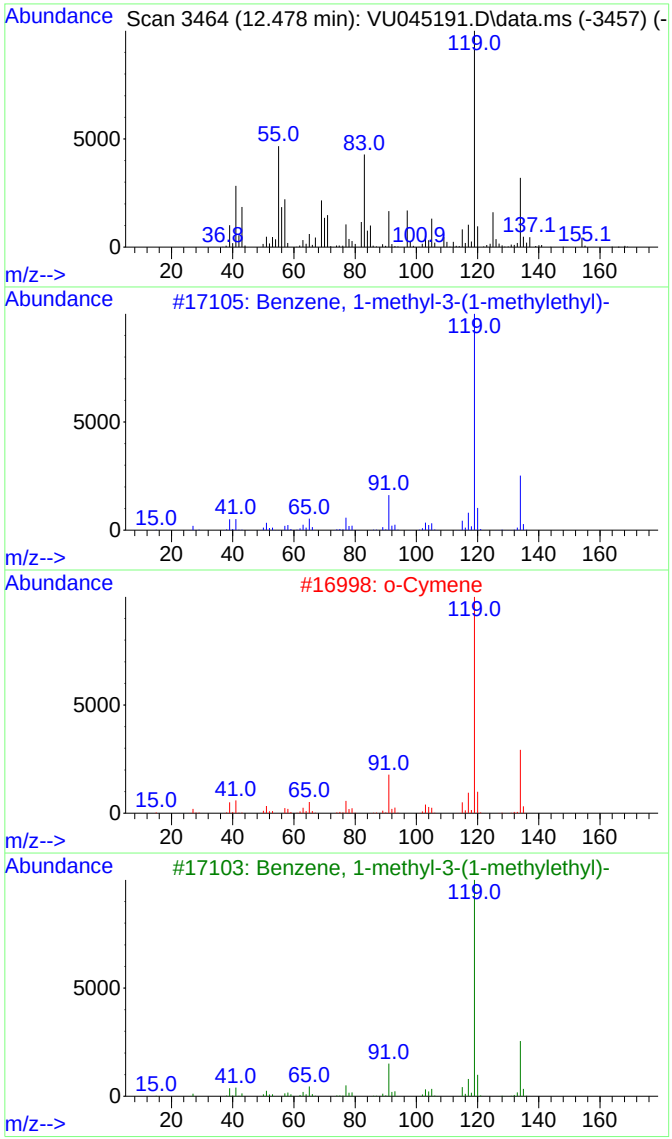
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

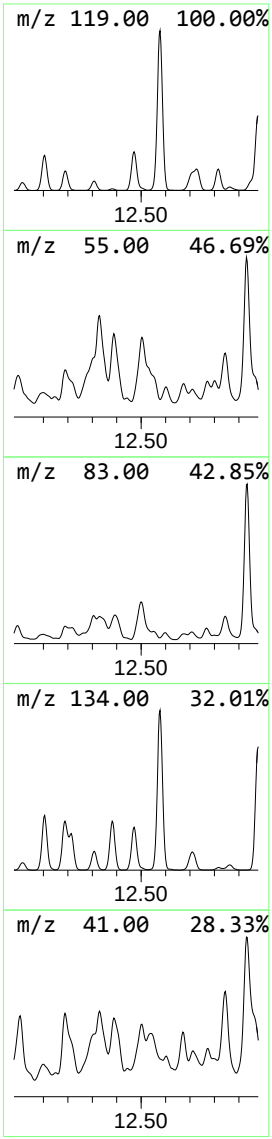
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1-methyl-3-(1-meth... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.478	45.28 ug/L	473215	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

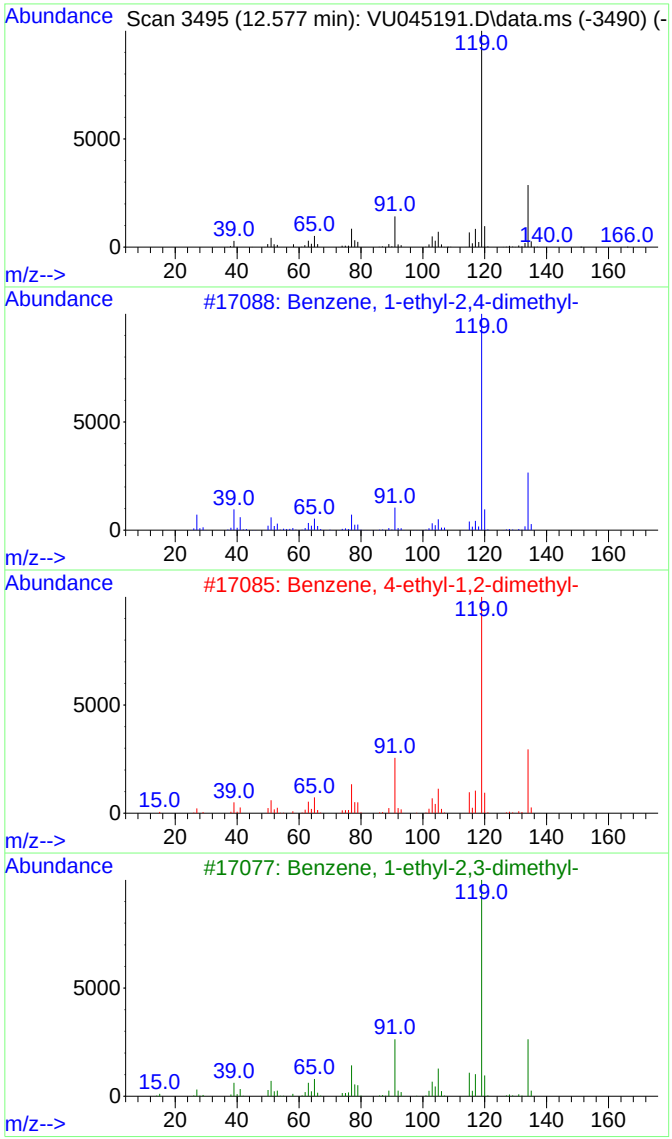
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

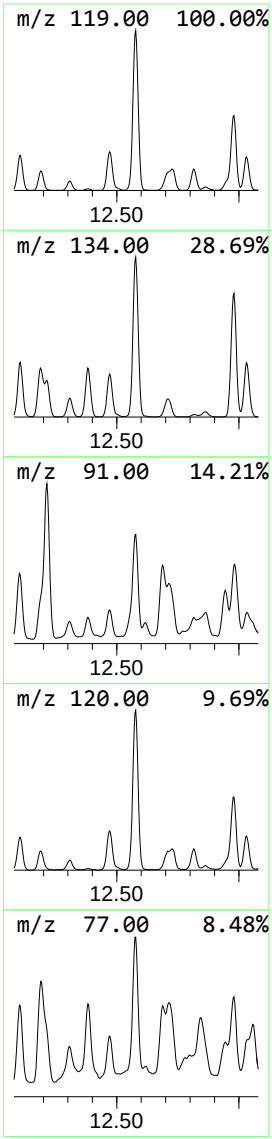
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	121.04 ug/L	1264890	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

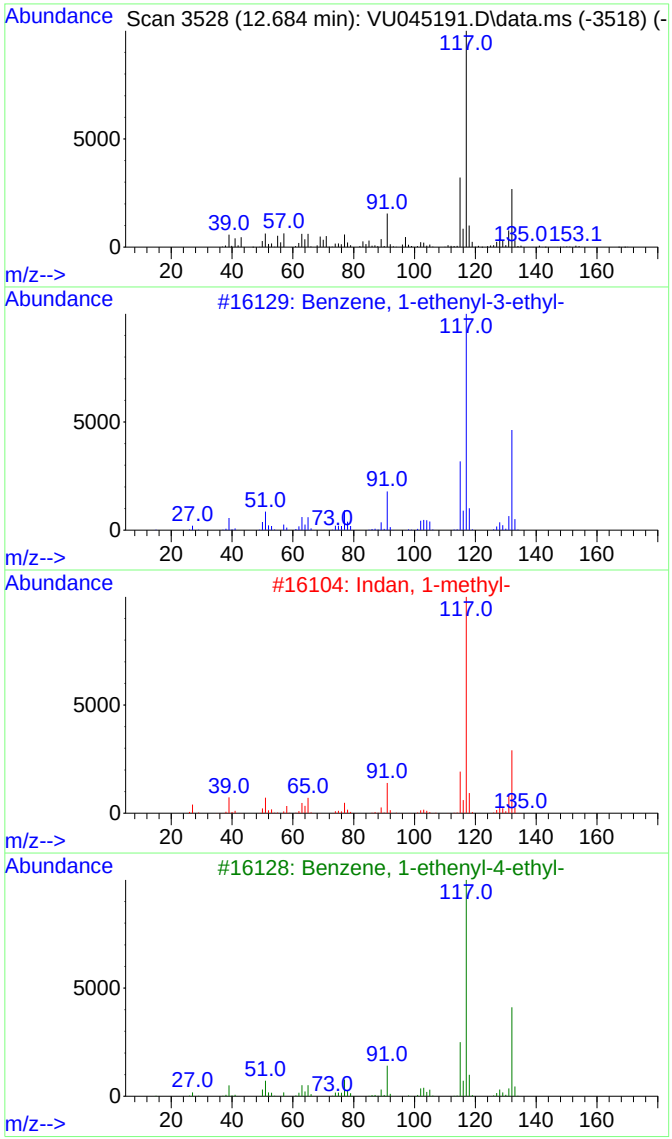
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

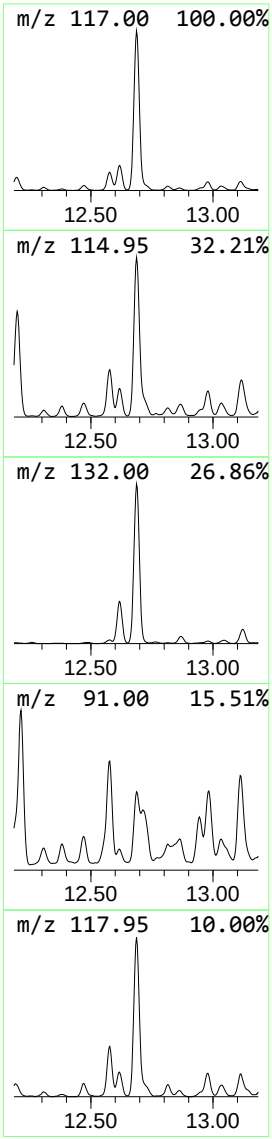
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	240.11 ug/L	2509180	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

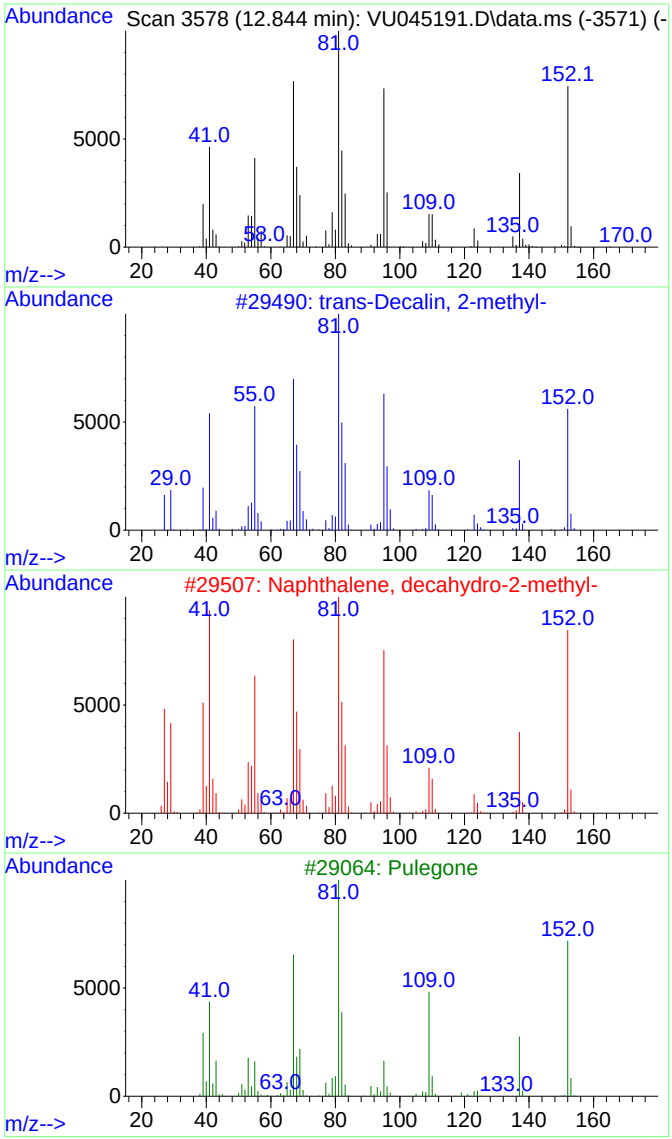
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

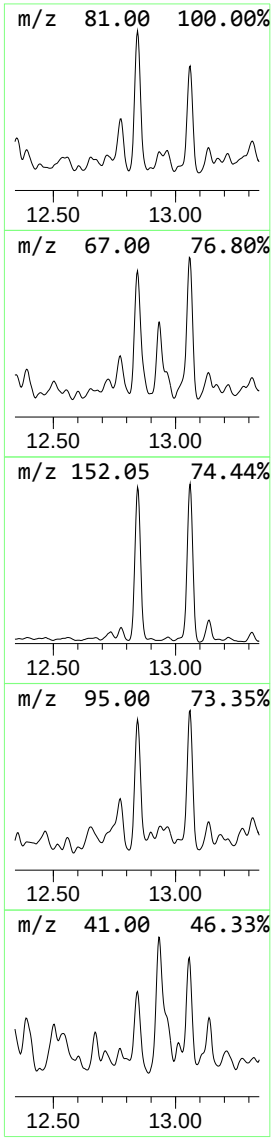
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.844	306.94 ug/L	3207540	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
3	Pulegone	152	C10H16O	000089-82-7	76
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

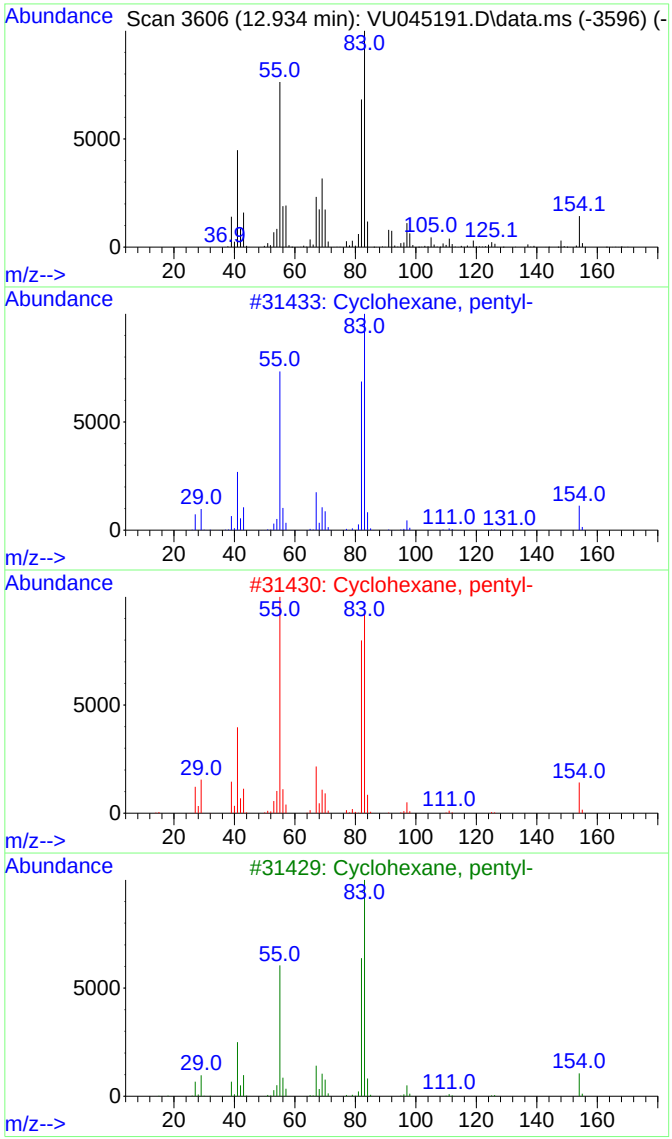
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

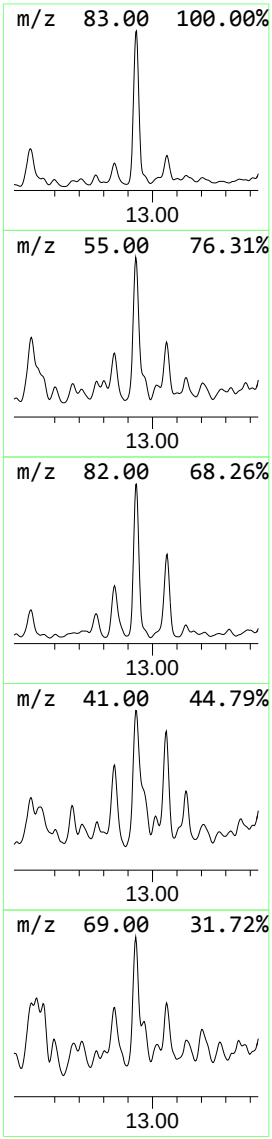
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Cyclic12.934 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	376.90 ug/L	3938570	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

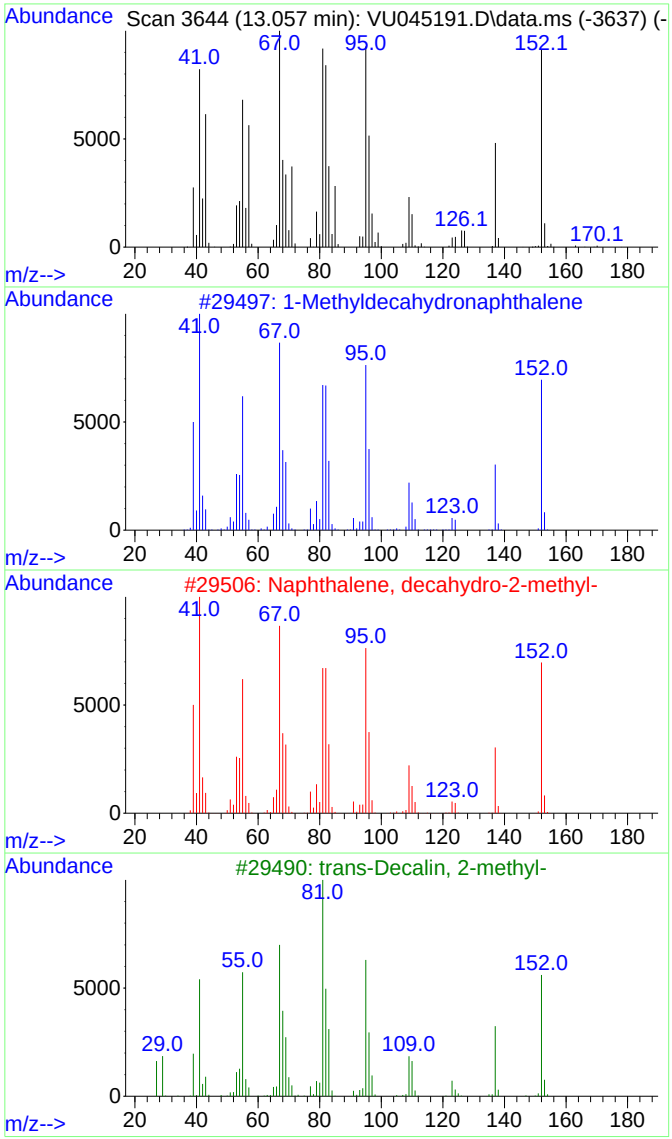
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

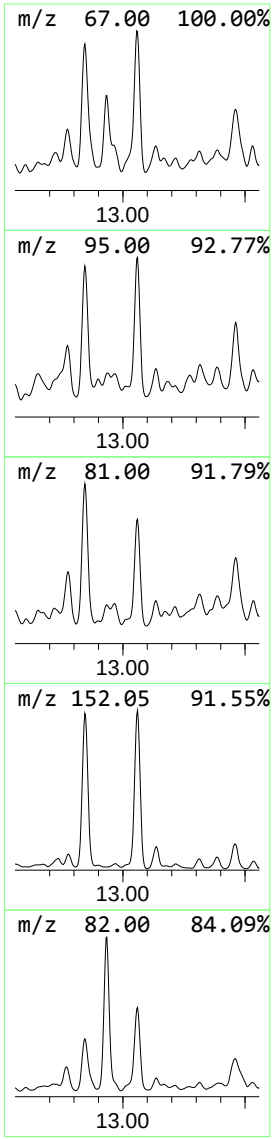
****

Peak Number 55 1-Methyldecahydronaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	289.33 ug/L	3023550	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
5	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

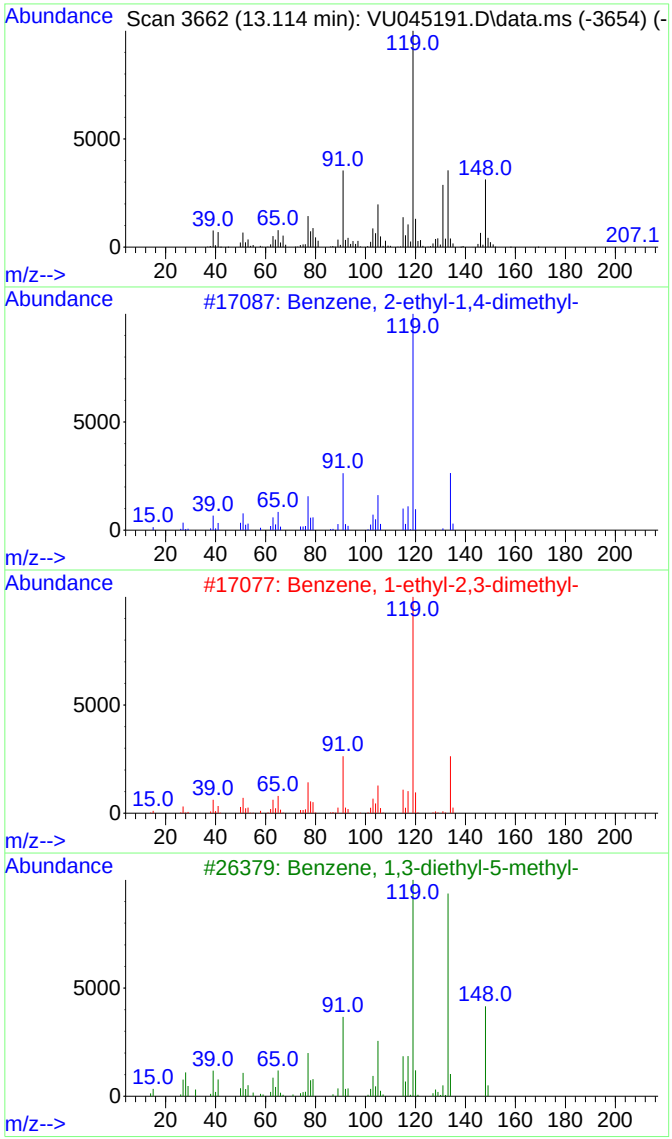
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

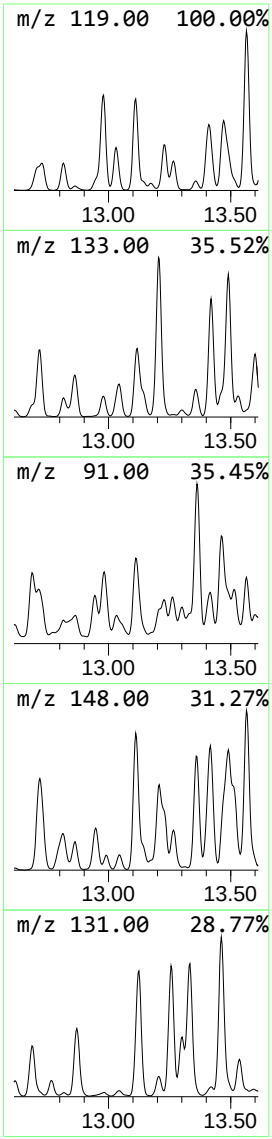
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.114	139.92 ug/L	1462140	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

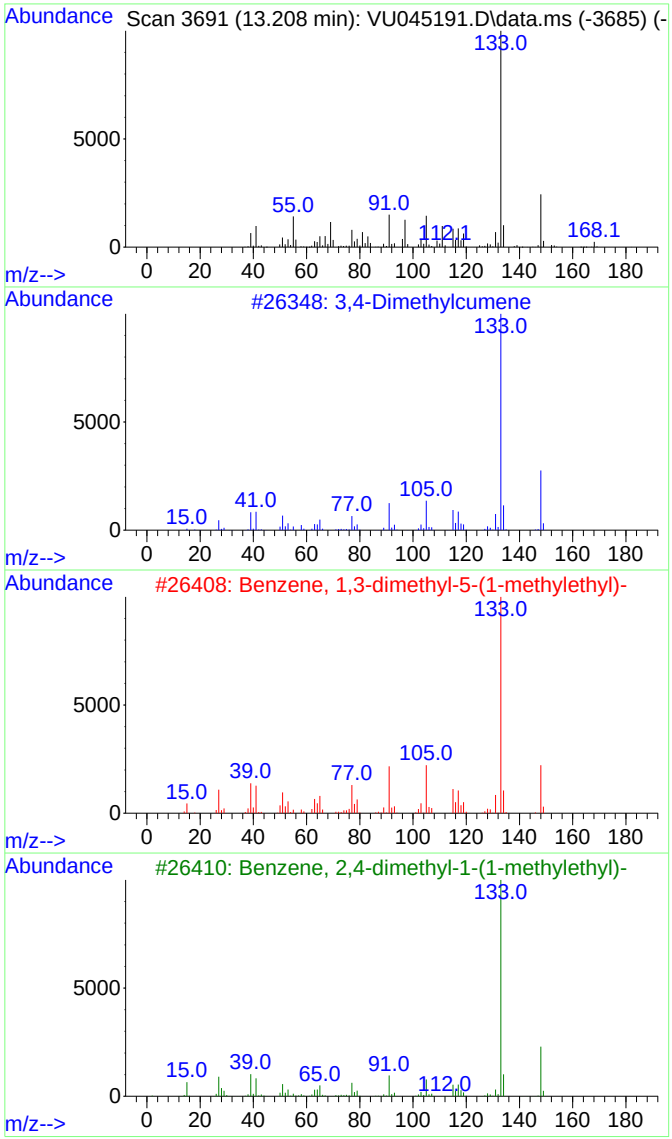
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

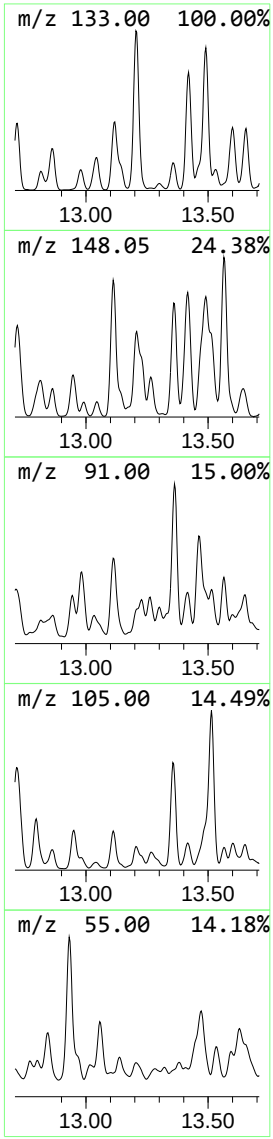
****

Peak Number 57 3,4-Dimethylcumene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	84.81 ug/L	886221	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	93
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

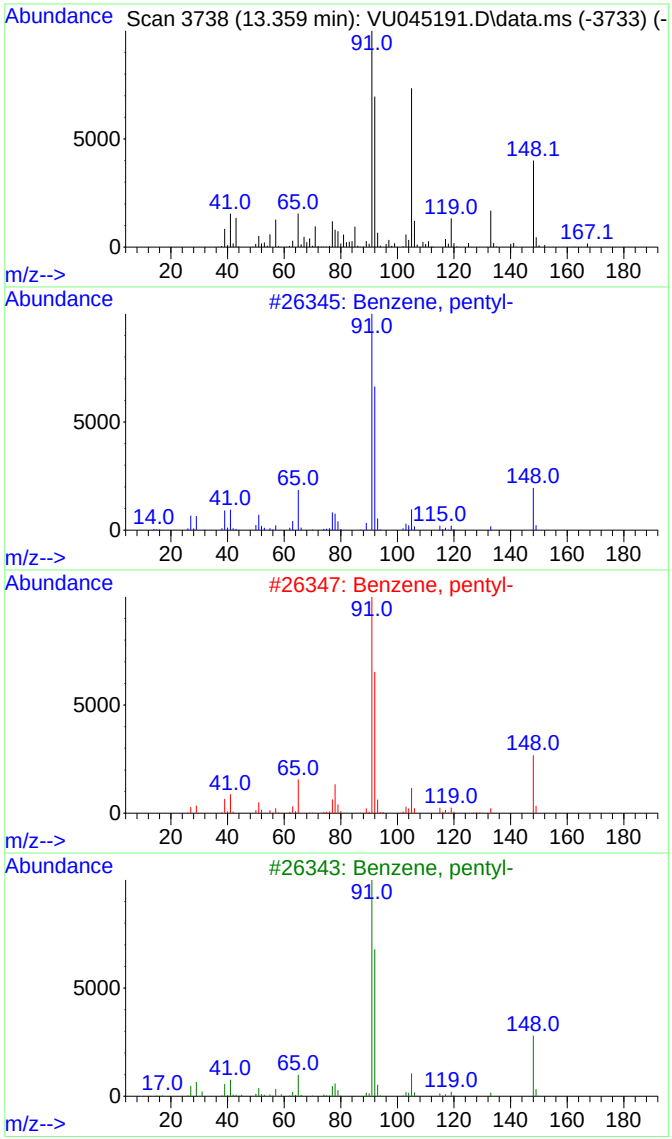
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

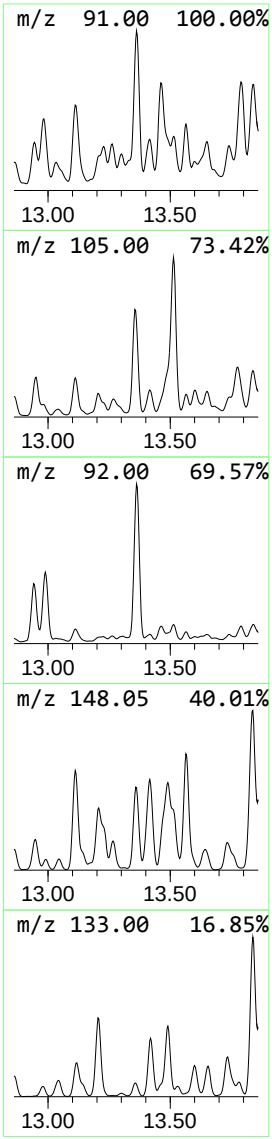
****

Peak Number 58 Benzene, pentyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.359	71.12 ug/L	743162	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	58
2	Benzene, pentyl-	148	C11H16	000538-68-1	58
3	Benzene, pentyl-	148	C11H16	000538-68-1	58
4	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	55
5	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

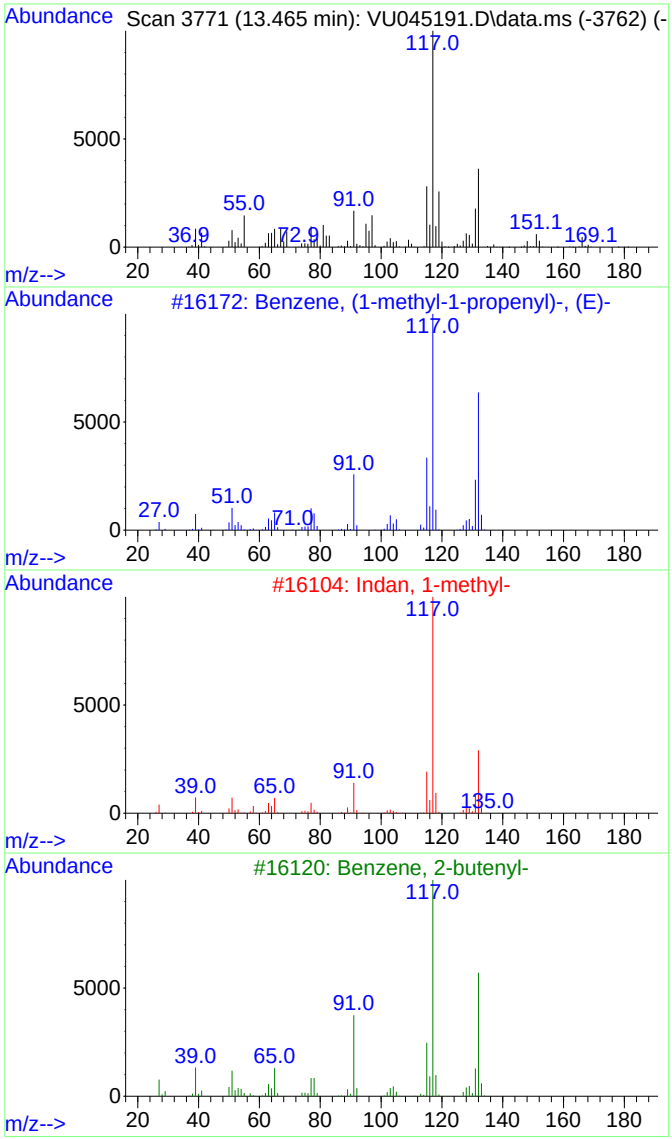
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

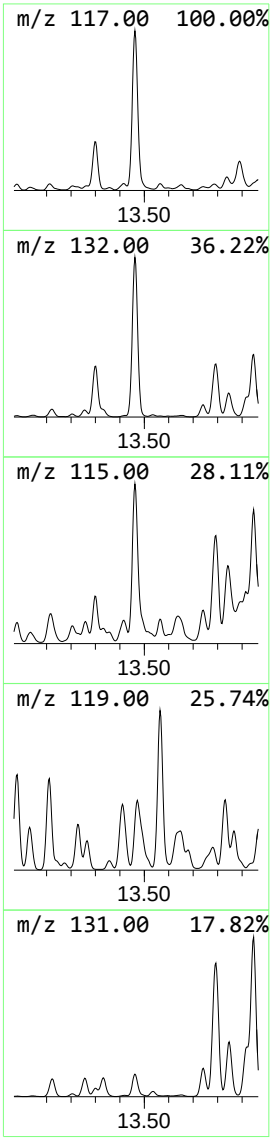
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, (1-methyl-1-propen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.465	444.76 ug/L	4647750	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

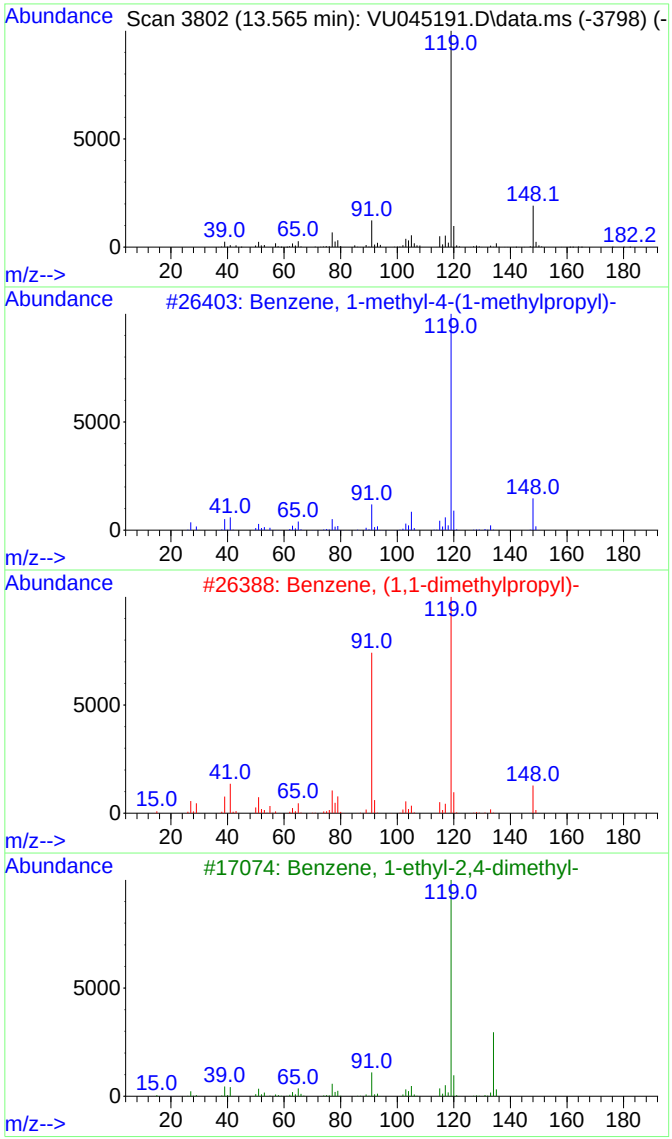
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

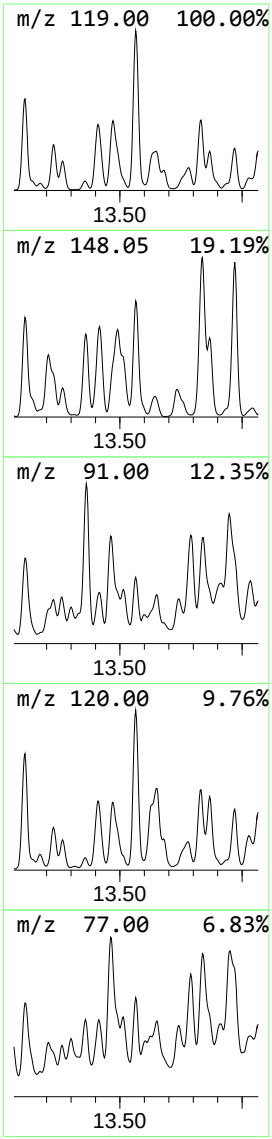
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, 1-methyl-4-(1-meth... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.565	47.79 ug/L	499370	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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	64
5	Butyric acid, 2-phenyl-, 2,3-dic...	308	C16H14Cl2O2	1000406-86-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

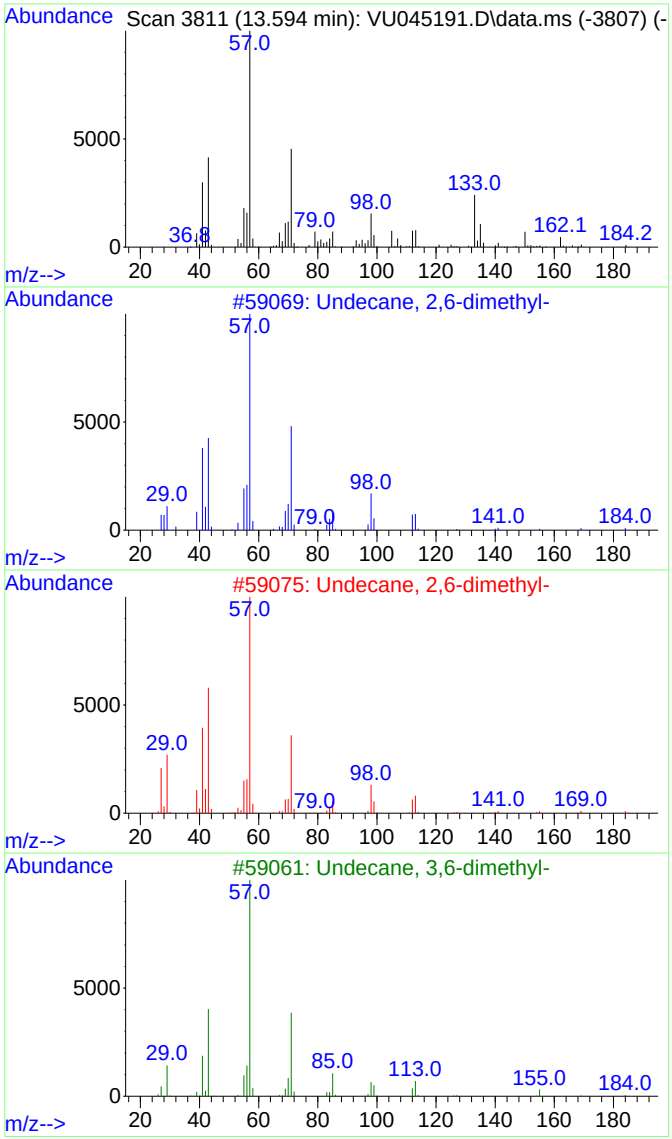
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

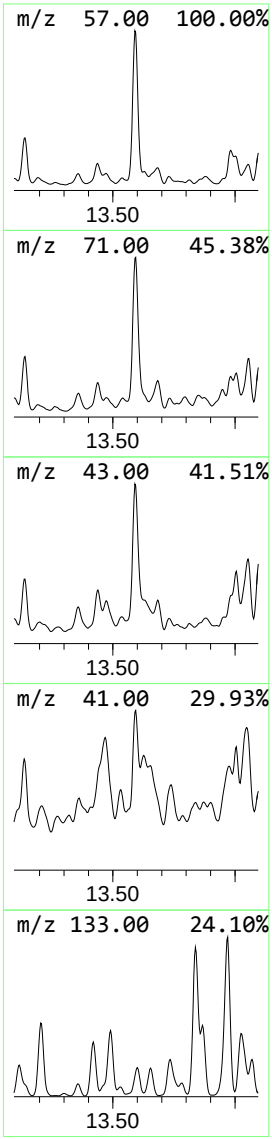
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.594	69.41 ug/L	725366	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

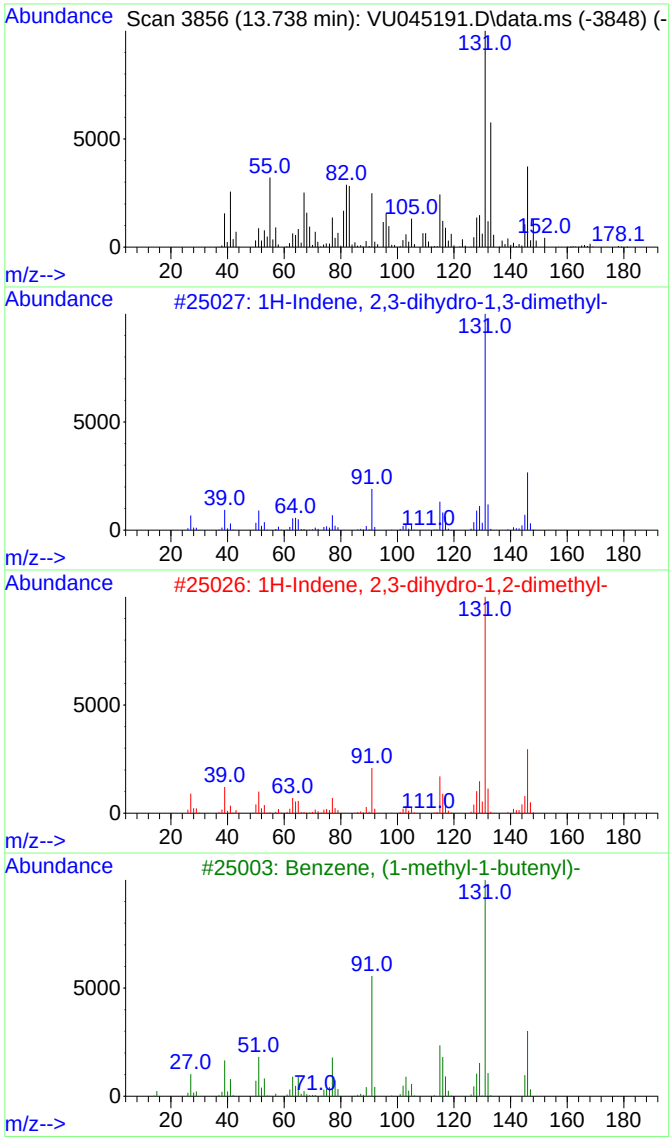
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

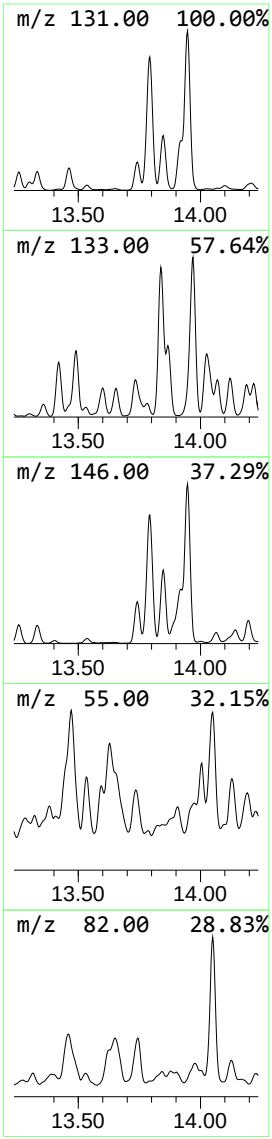
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	158.10 ug/L	1652170	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

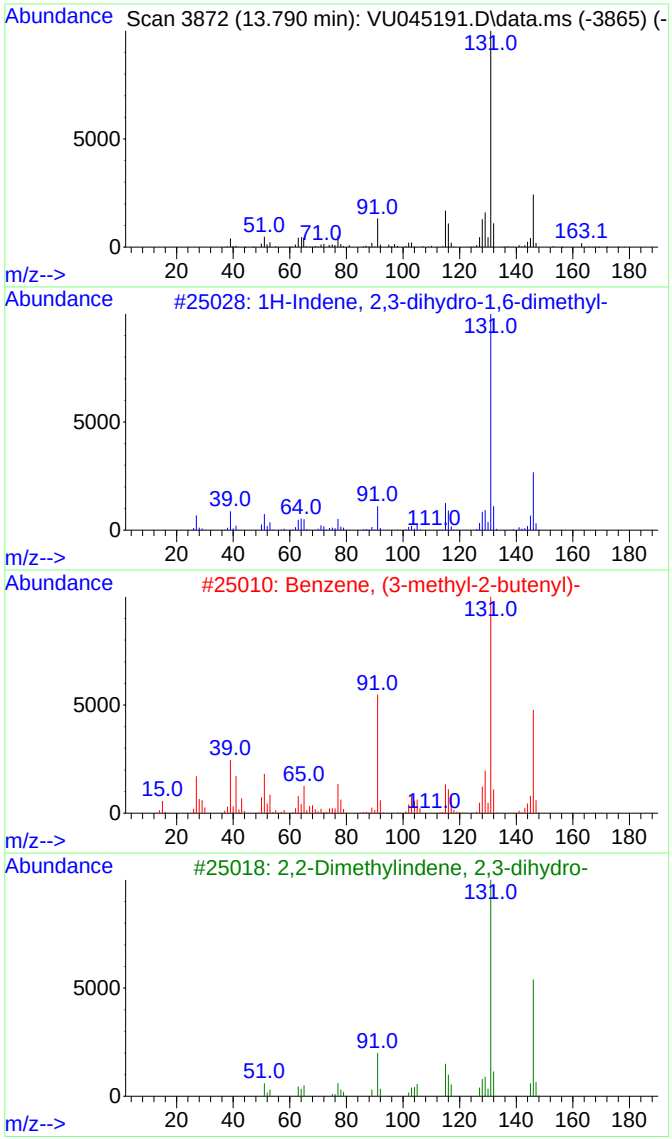
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

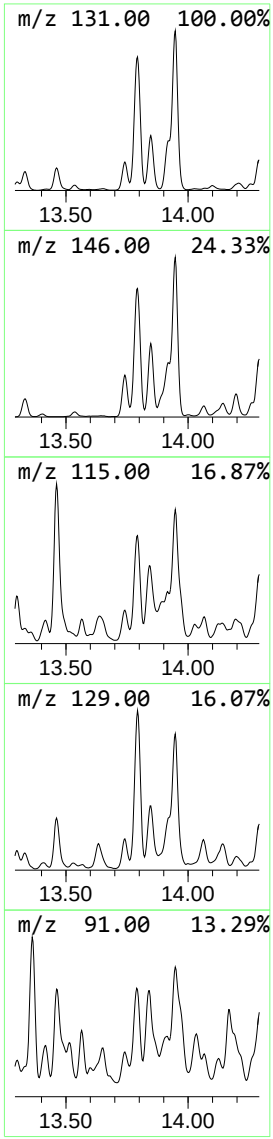
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.790	224.26 ug/L	2343480	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

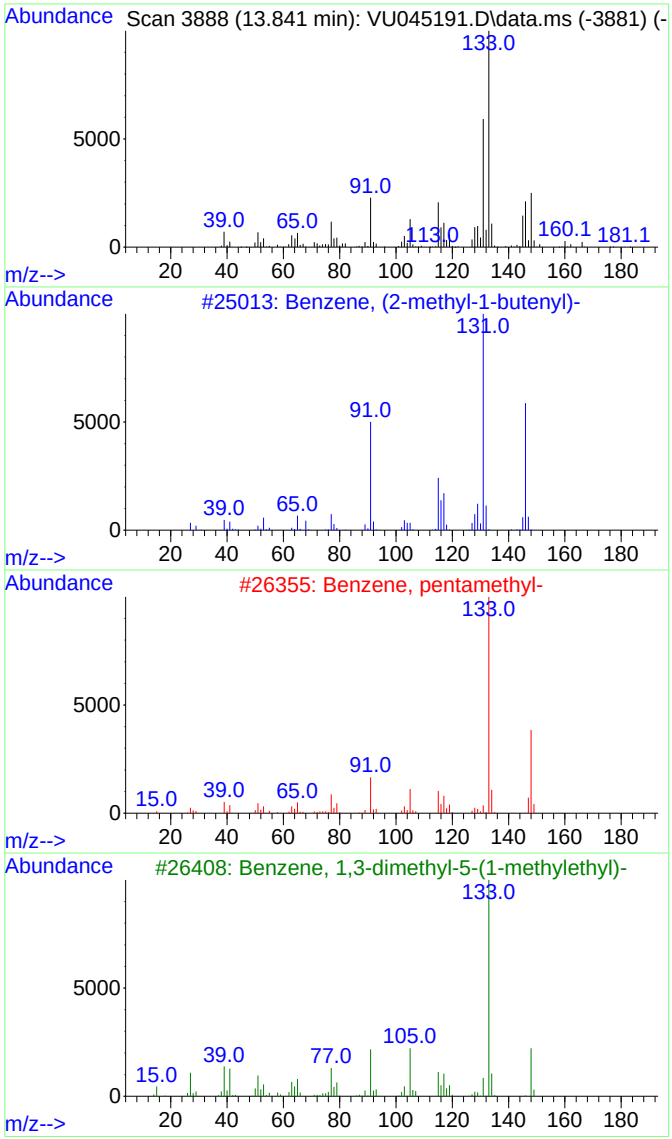
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

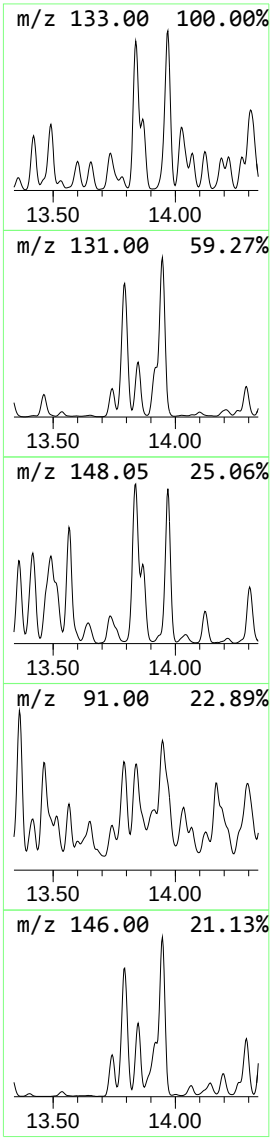
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.841	253.23 ug/L	2646300	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	49
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

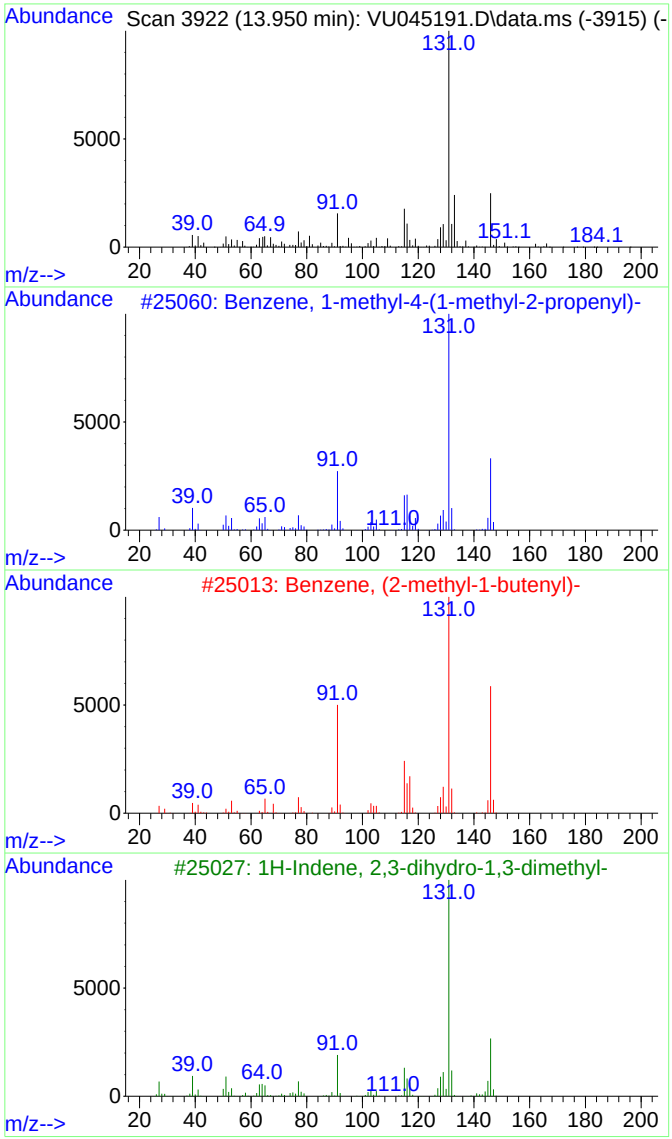
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

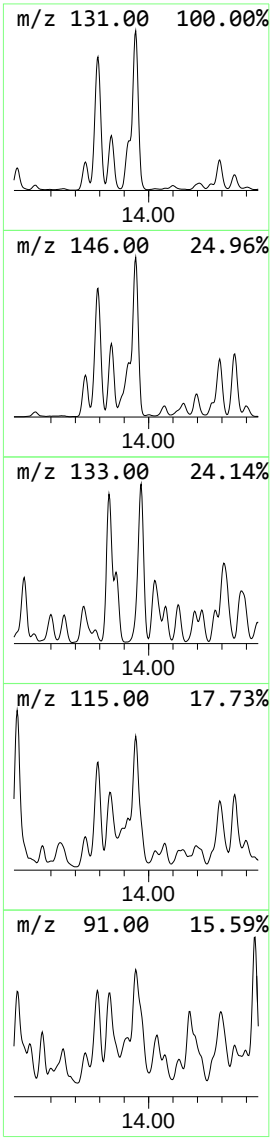
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	332.55 ug/L	3475150	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	83
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

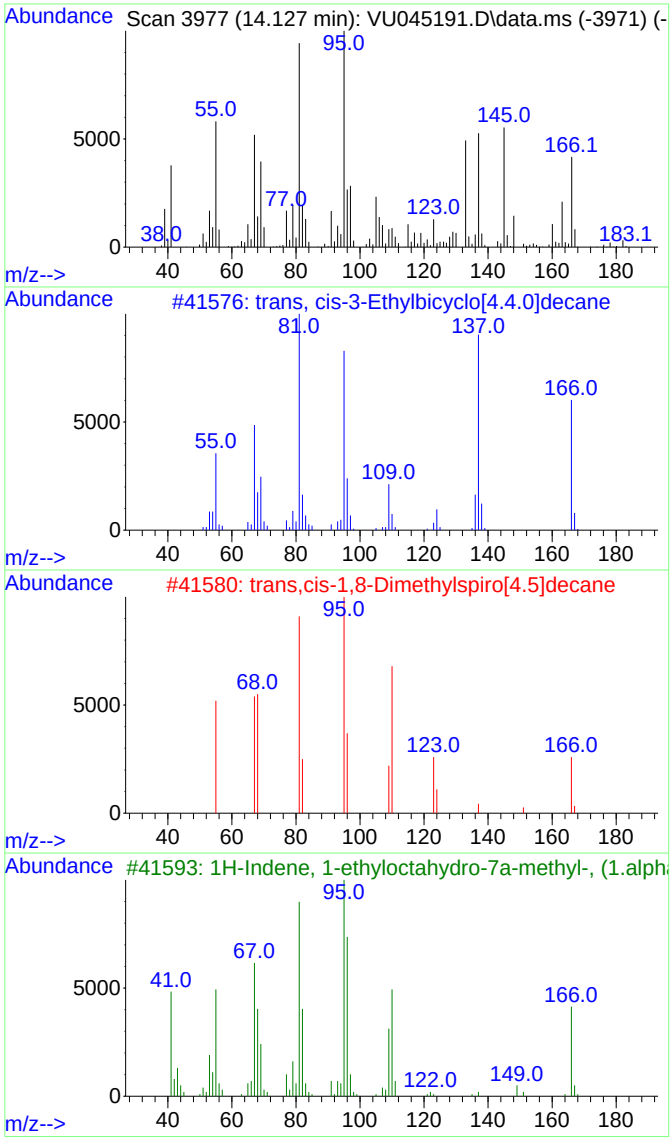
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

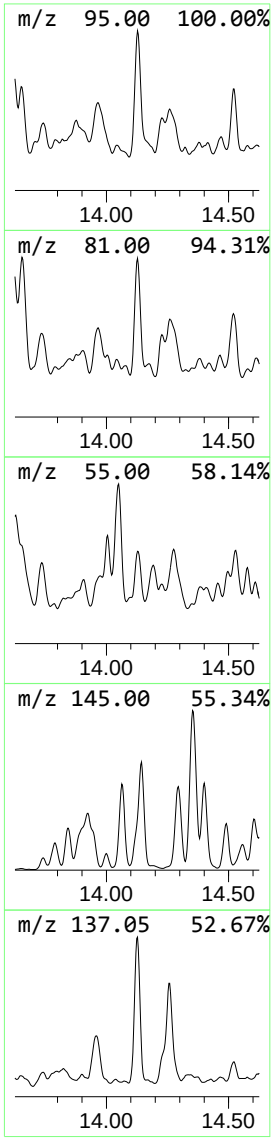
****

Peak Number 66 unknown-02 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	105.11 ug/L	1098430	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	49
2	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	47
3	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	46
4	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	46
5	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

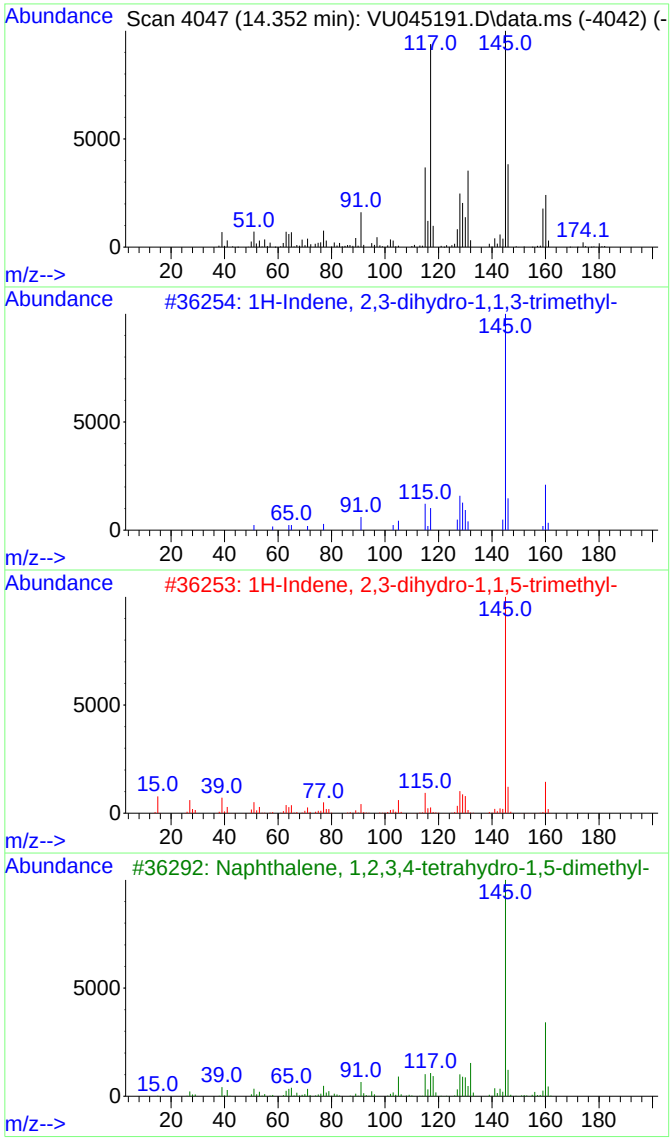
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

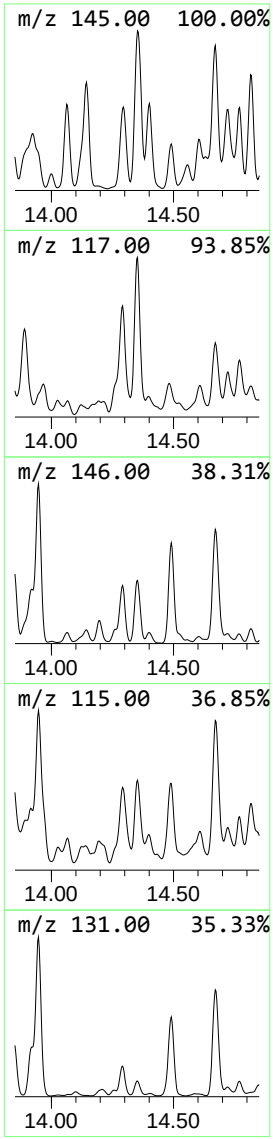
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.352	105.05 ug/L	1097730	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	49
4	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	46
5	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

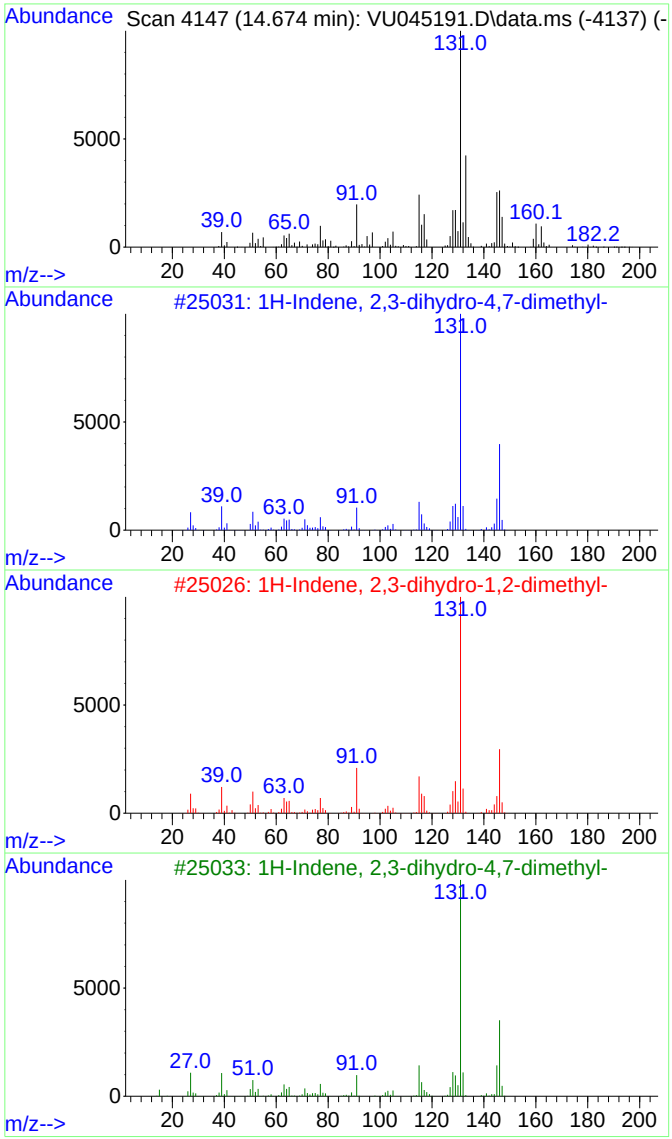
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

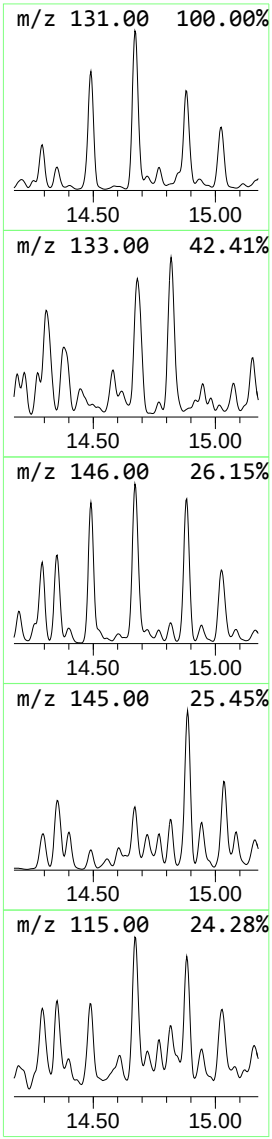
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	405.41 ug/L	4236580	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	60
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	53
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

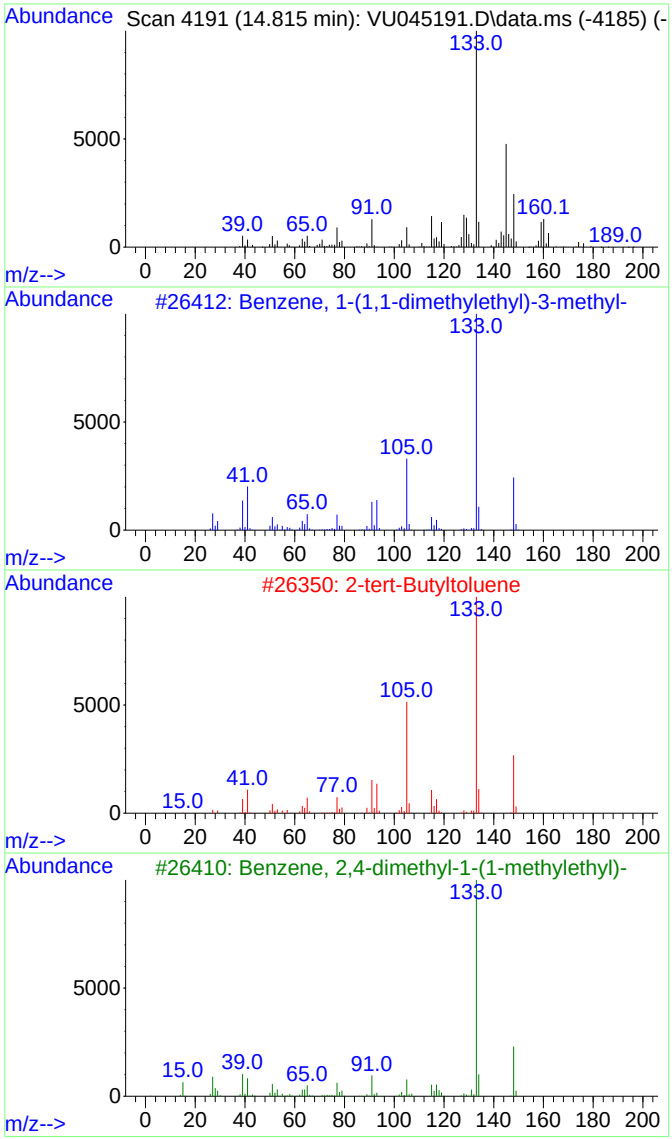
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

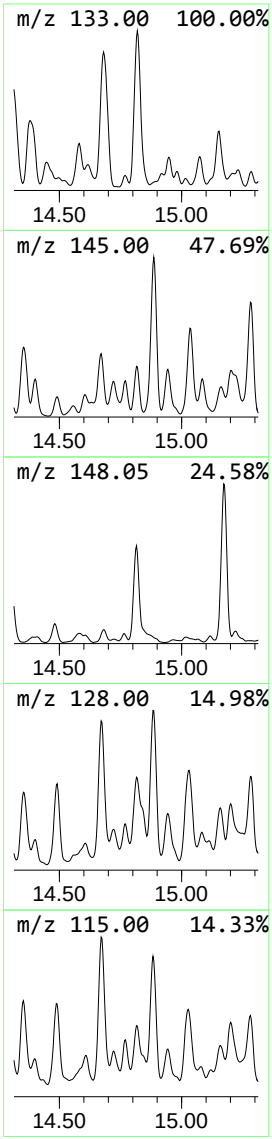
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Benzene, 1-(1,1-dimethyleth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.815	126.85 ug/L	1325570	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	50
2	2-tert-Butyltoluene	148	C11H16	001074-92-6	50
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	49
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

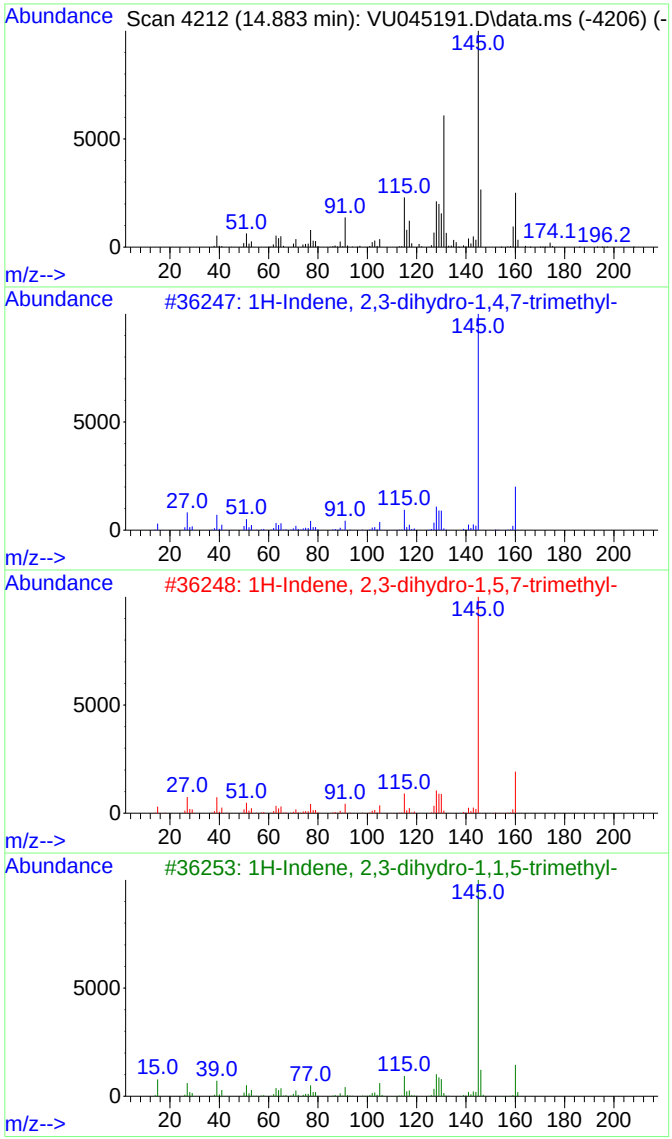
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

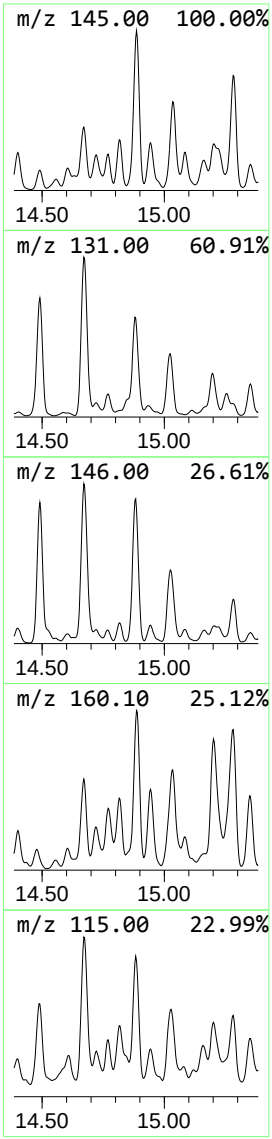
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.883	274.63 ug/L	2869930	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	70
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	70
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

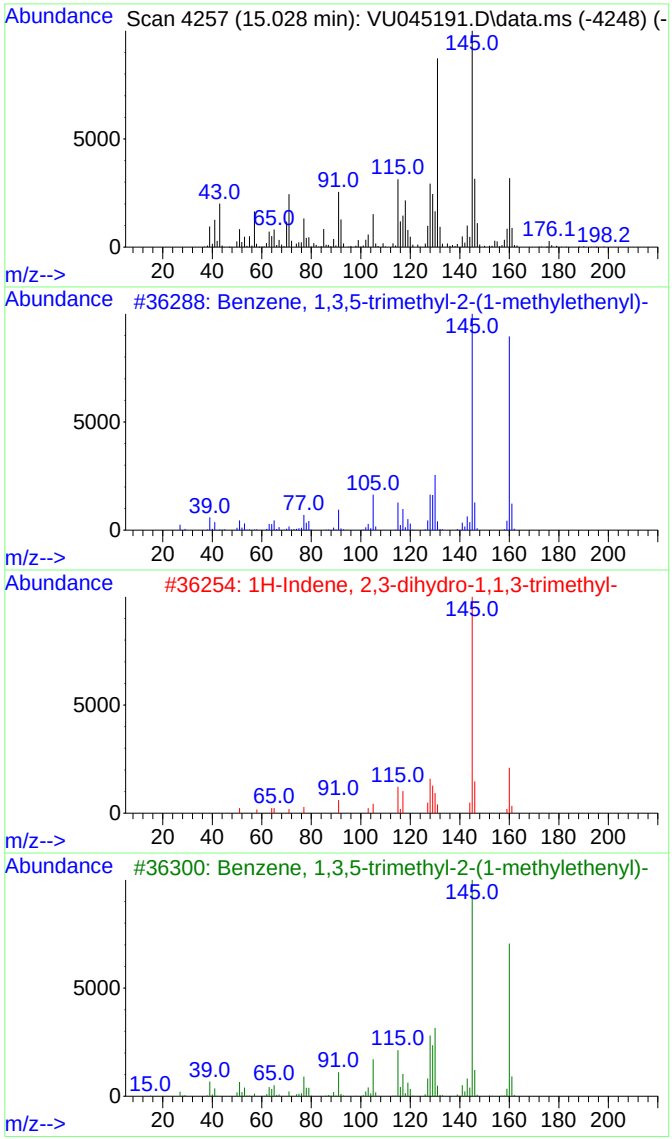
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

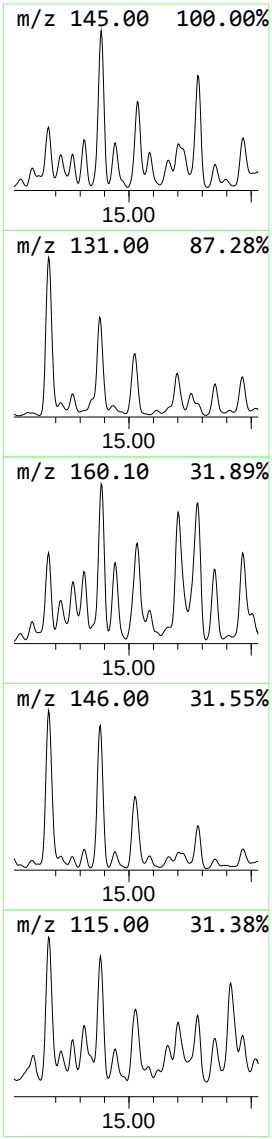
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.028	304.62 ug/L	3183310	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	45
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

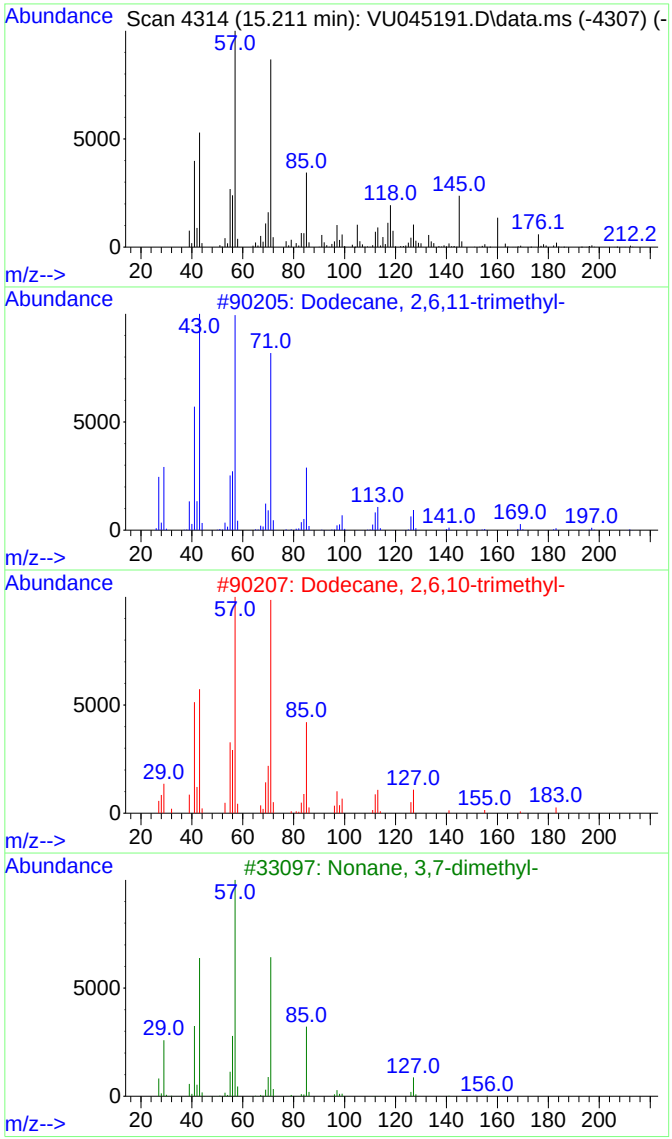
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

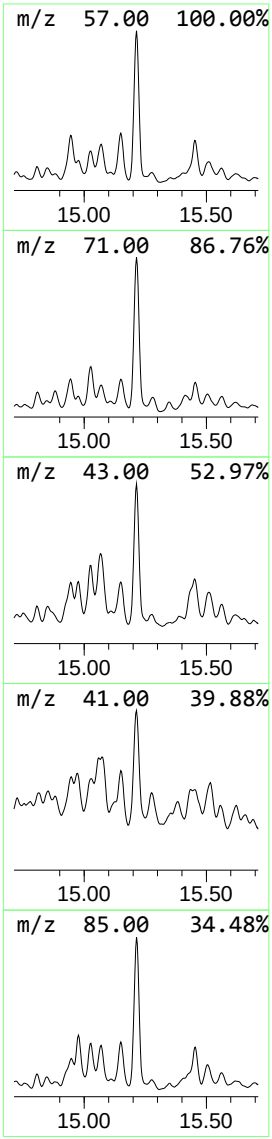
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.211	203.12 ug/L	2122640	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	70
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

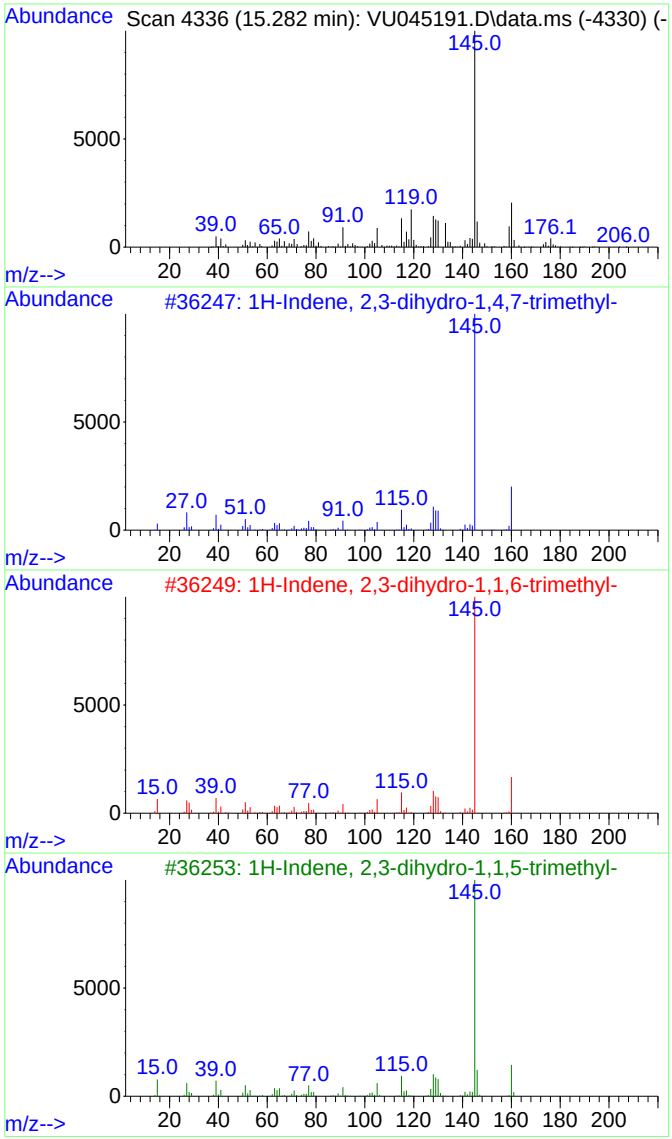
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

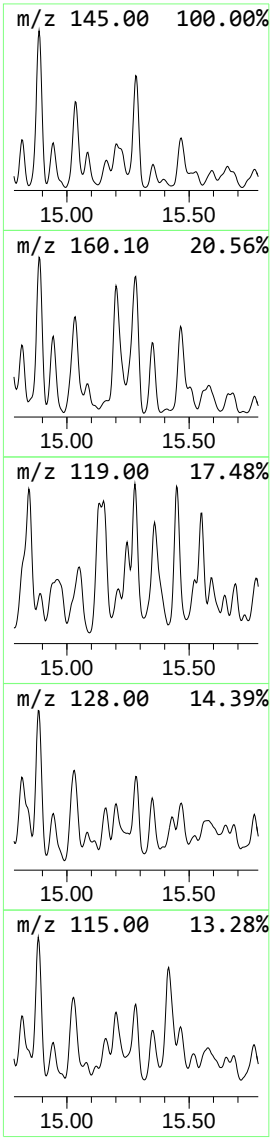
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.282	209.61 ug/L	2190420	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	94
2	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	93
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	93
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
5	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

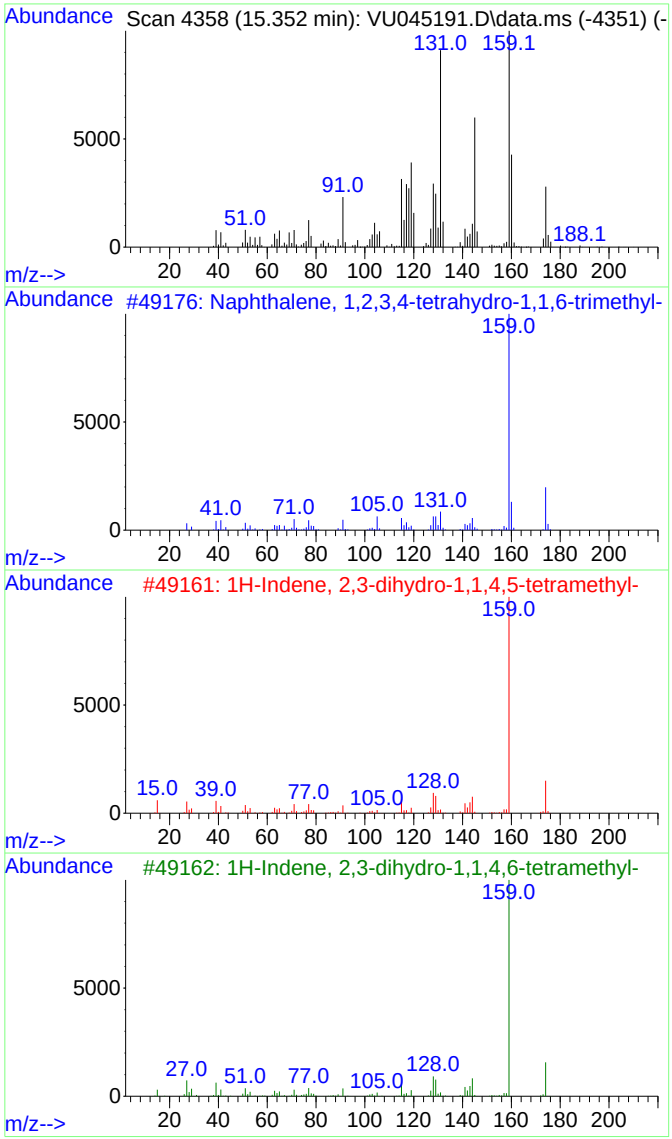
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

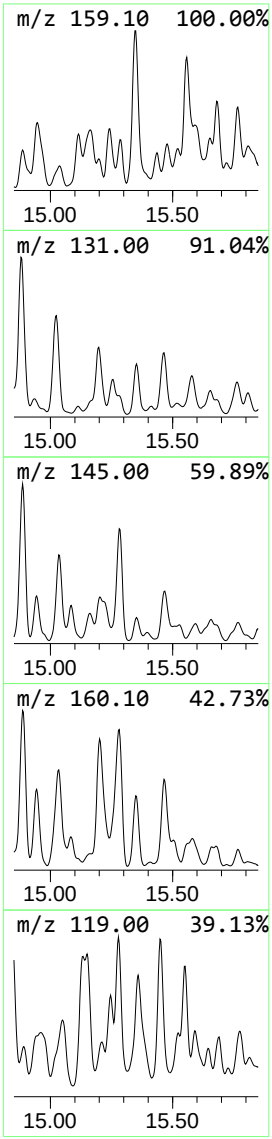
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.352	111.91 ug/L	1169480	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	86
2	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	83
3	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	80
4	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	80
5	Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

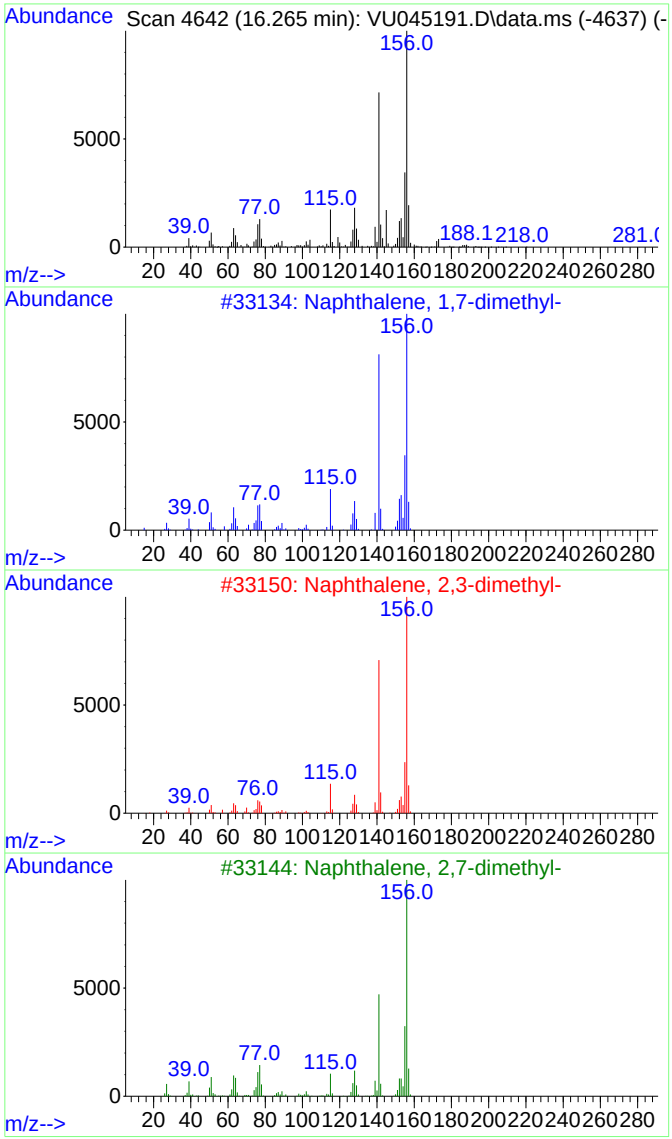
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

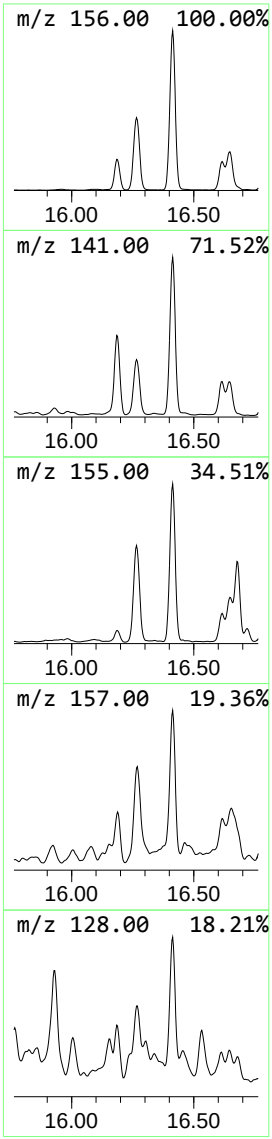
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 Naphthalene, 1,7-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.265	62.96 ug/L	657937	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

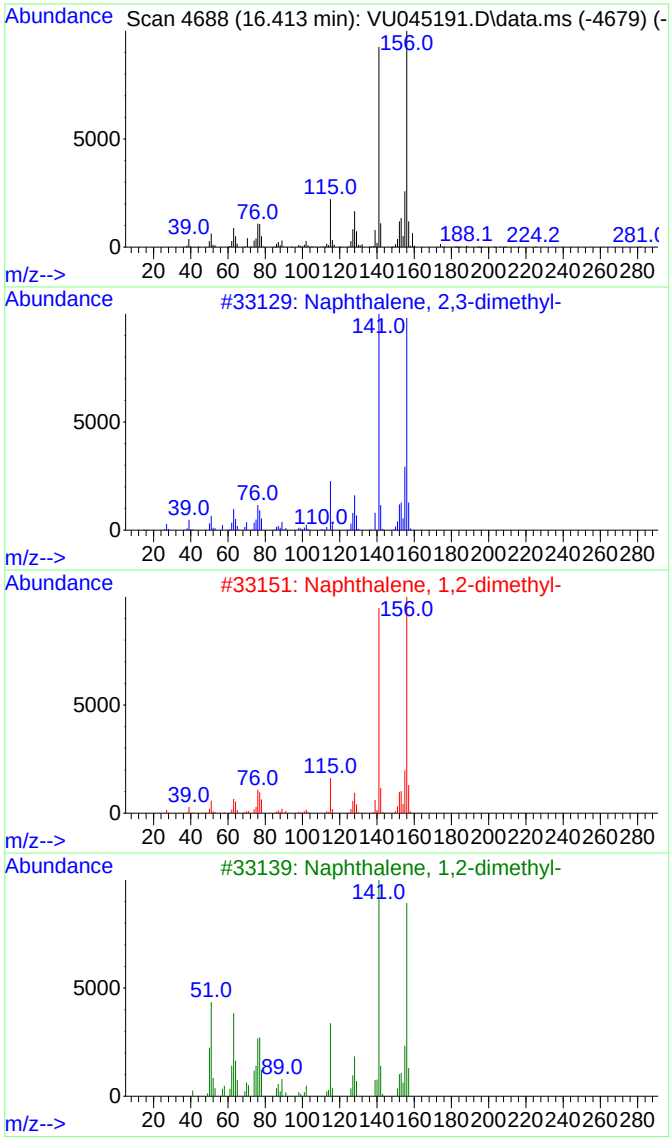
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

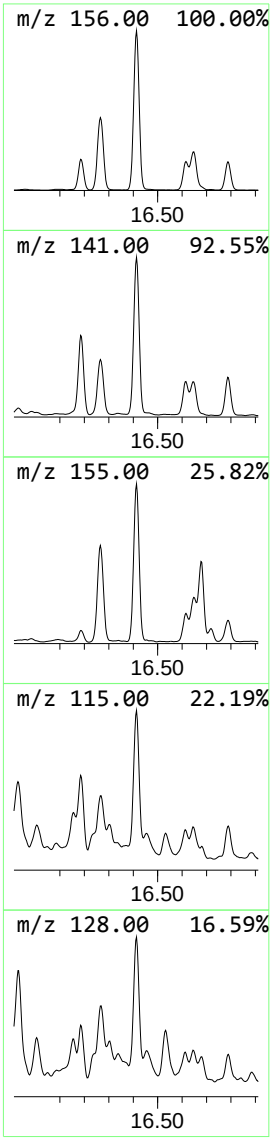
****

Peak Number 76 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.413	229.31 ug/L	2396320	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	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

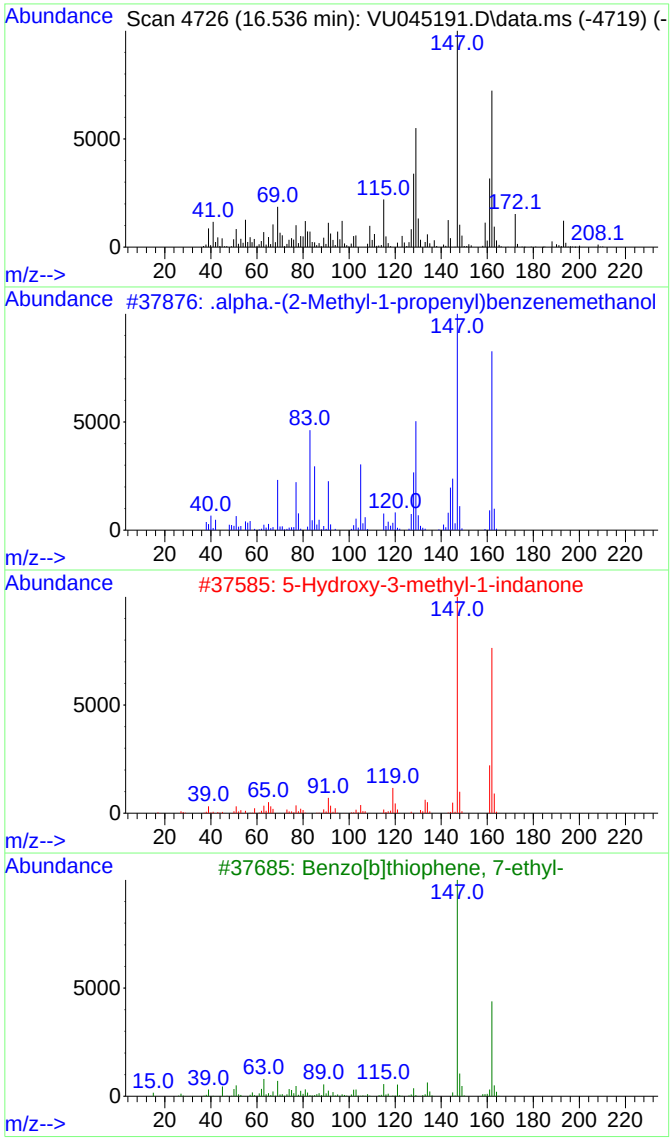
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

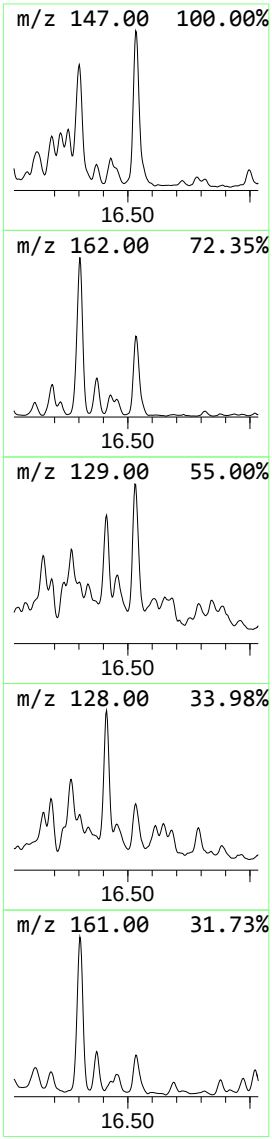
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 77 .alpha.-(2-Methyl-1-propeny... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.535	68.97 ug/L	720708	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-(2-Methyl-1-propenyl)ben...	162	C11H14O	095465-44-4	74
2	5-Hydroxy-3-methyl-1-indanone	162	C10H10O2	057878-30-5	49
3	Benzo[b]thiophene, 7-ethyl-	162	C10H10S	016587-42-1	49
4	Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	46
5	Benzene, 1,2-bis(1-methylethyl)-	162	C12H18	000577-55-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

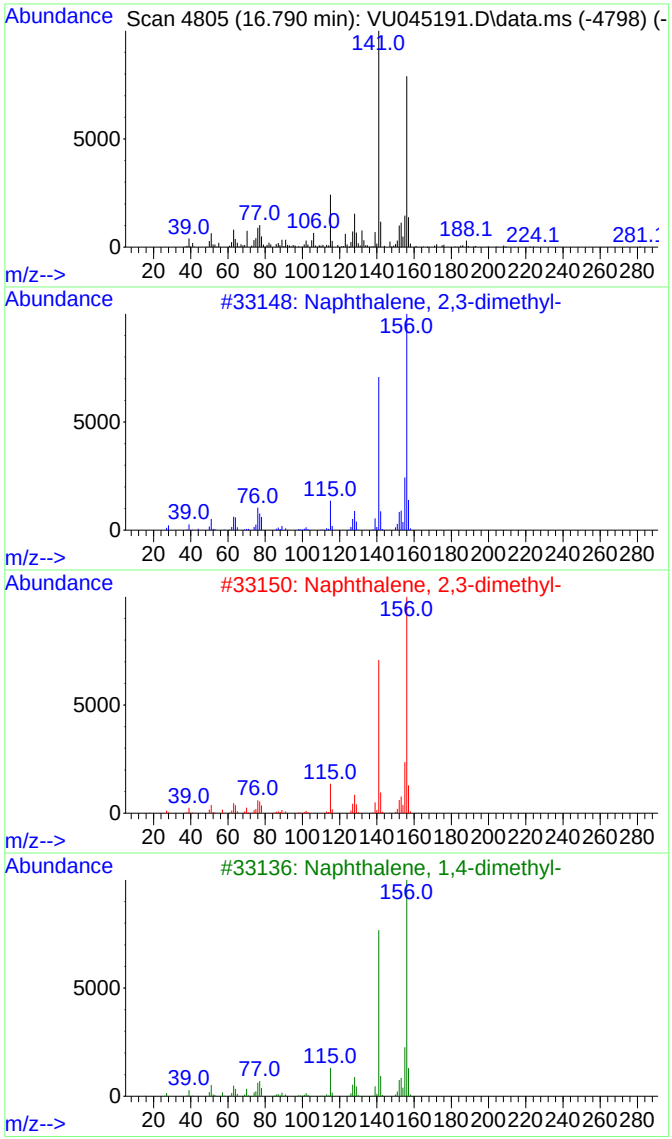
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

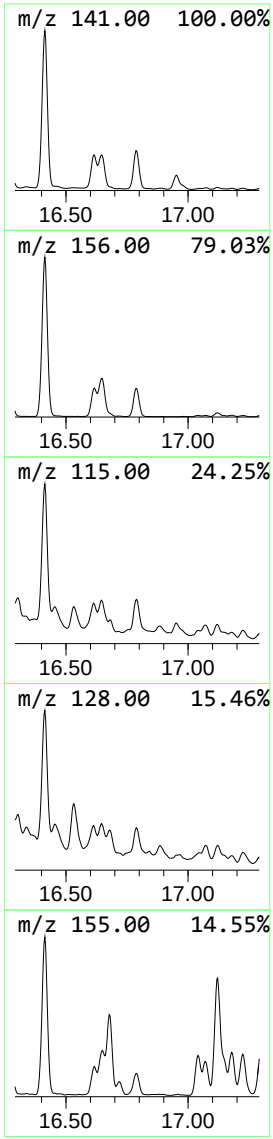
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 78 Naphthalene, 1,4-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.790	92.35 ug/L	965071	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	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME

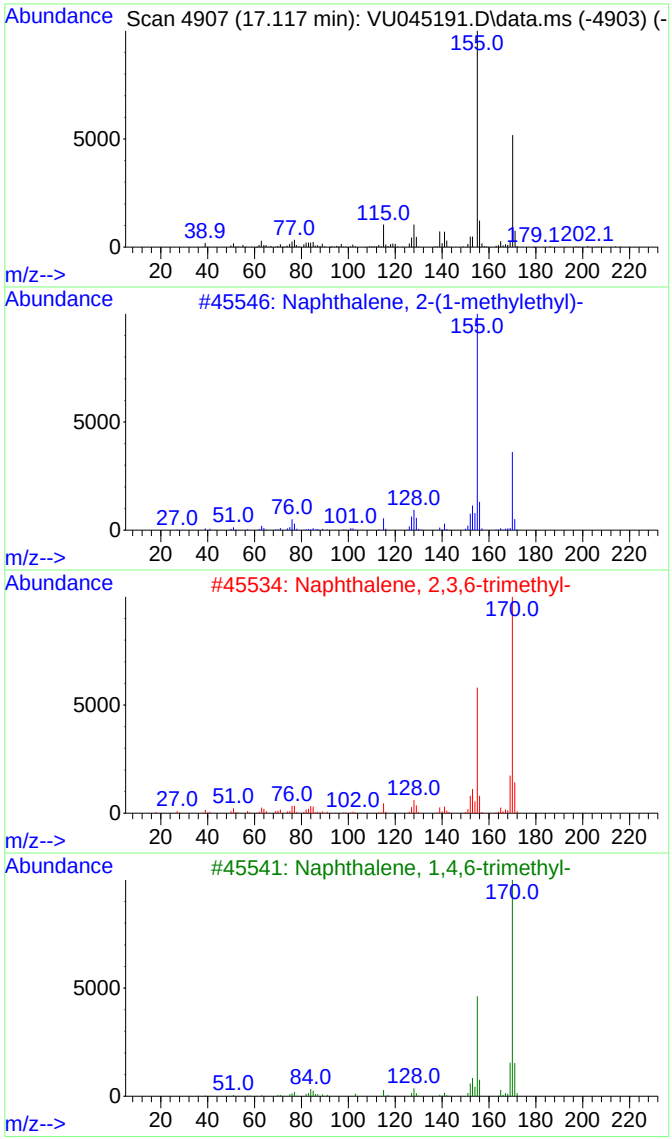
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

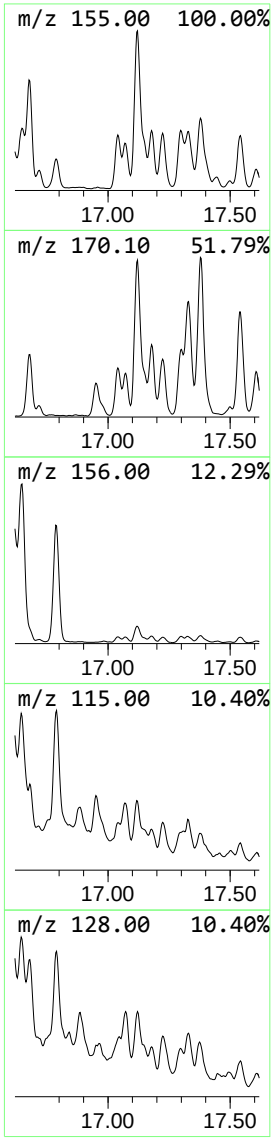
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 79 Naphthalene, 2-(1-methyleth... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.118	25.70 ug/L	268587	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	80
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

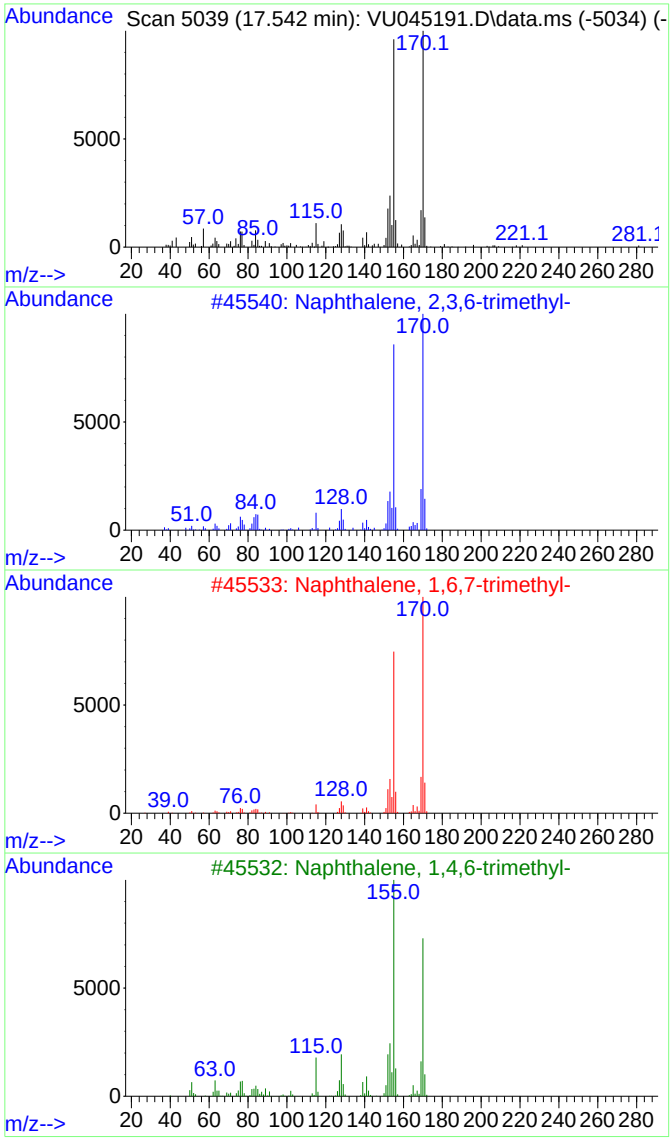
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

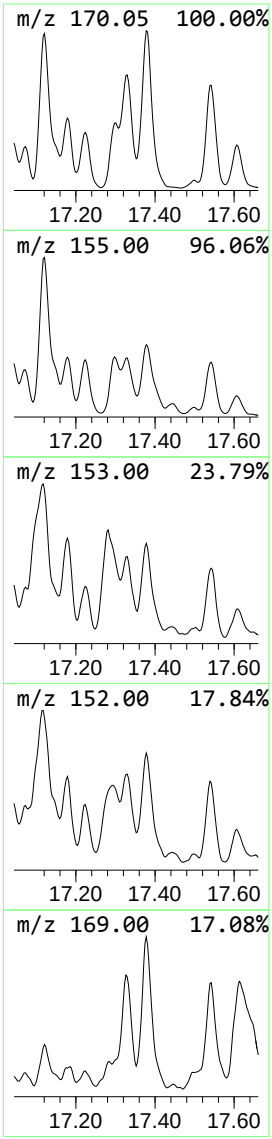
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 80 Naphthalene, 2,3,6-trimethyl- Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.542	17.42 ug/L	182028	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045191.D
Acq On : 06 Oct 2021 17:25
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW8Y6ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.456	60.7	ug/L	183811	1	6.250	151346	50.0
(DEL) Alkane: C...	7.070	17.3	ug/L	52407	1	6.250	151346	50.0
(DEL) Alkane: C...	7.234	25.6	ug/L	77566	1	6.250	151346	50.0
(DEL) Alkane: S...	7.497	52.9	ug/L	160135	1	6.250	151346	50.0
(DEL) Alkane: S...	7.658	26.2	ug/L	79251	1	6.250	151346	50.0
(DEL) Alkane: S...	8.095	19.9	ug/L	74692	2	9.426	187753	50.0
(DEL) Alkane: C...	8.240	58.8	ug/L	220777	2	9.426	187753	50.0
(DEL) Alkane: C...	8.369	21.9	ug/L	82267	2	9.426	187753	50.0
(DEL) Alkane: S...	8.539	15.9	ug/L	59757	2	9.426	187753	50.0
(DEL) Alkane: S...	8.761	23.2	ug/L	86962	2	9.426	187753	50.0
Cycloheptanone	8.806	27.9	ug/L	104880	2	9.426	187753	50.0
(DEL) Alkane: C...	8.867	63.8	ug/L	239514	2	9.426	187753	50.0
(DEL) Alkane: C...	8.928	121.2	ug/L	455116	2	9.426	187753	50.0
(DEL) Alkane: C...	9.073	58.7	ug/L	220391	2	9.426	187753	50.0
(DEL) Alkane: S...	9.124	36.5	ug/L	137151	2	9.426	187753	50.0
(DEL) Alkane: C...	9.169	81.1	ug/L	304512	2	9.426	187753	50.0
(DEL) Alkane: S...	9.214	109.2	ug/L	409968	2	9.426	187753	50.0
(DEL) Alkane: S...	9.336	165.3	ug/L	620826	2	9.426	187753	50.0
(DEL) Alkane: C...	9.565	34.9	ug/L	131039	2	9.426	187753	50.0
(DEL) Alkane: C...	9.664	117.4	ug/L	440720	2	9.426	187753	50.0
(DEL) Alkane: C...	9.719	97.8	ug/L	367392	2	9.426	187753	50.0
(DEL) Alkane: S...	9.880	75.0	ug/L	281796	2	9.426	187753	50.0
(DEL) Alkane: C...	10.034	257.2	ug/L	965923	2	9.426	187753	50.0
(DEL) Alkane: S...	10.124	82.9	ug/L	311346	2	9.426	187753	50.0
(DEL) Alkane: S...	10.256	554.3	ug/L	2081460	2	9.426	187753	50.0
(DEL) Alkane: C...	10.362	283.8	ug/L	1065580	2	9.426	187753	50.0
(DEL) Alkane: S...	10.398	242.7	ug/L	911278	2	9.426	187753	50.0
1-Dodecanol, 2-...	10.562	235.9	ug/L	885731	2	9.426	187753	50.0
(DEL) Alkane: S...	10.626	112.1	ug/L	1171440	3	11.819	522500	50.0
(DEL) Alkane: C...	10.954	49.0	ug/L	512100	3	11.819	522500	50.0
Carbonic acid, ...	11.021	44.8	ug/L	468004	3	11.819	522500	50.0
(DEL) Alkane: C...	11.066	157.0	ug/L	1640790	3	11.819	522500	50.0
(DEL) Alkane: S...	11.121	244.0	ug/L	2550240	3	11.819	522500	50.0
(DEL) Alkane: S...	11.195	20.4	ug/L	213445	3	11.819	522500	50.0
(DEL) Alkane: C...	11.250	26.5	ug/L	276959	3	11.819	522500	50.0
Benzene, 1-ethy...	11.301	147.7	ug/L	1543290	3	11.819	522500	50.0
Ether, 6-methyl...	11.378	40.7	ug/L	424942	3	11.819	522500	50.0
(DEL) Alkane: S...	11.420	119.1	ug/L	1244090	3	11.819	522500	50.0
unknown-01	11.465	23.1	ug/L	240883	3	11.819	522500	50.0
(DEL) Alkane: S...	11.578	16.7	ug/L	174533	3	11.819	522500	50.0
(DEL) Alkane: S...	11.648	108.2	ug/L	1130800	3	11.819	522500	50.0
(DEL) Alkane: C...	11.719	226.3	ug/L	2365040	3	11.819	522500	50.0
(DEL) Alkane: S...	11.880	50.0	ug/L	522500	3	11.819	522500	50.0
(DEL) Alkane: S...	11.915	74.4	ug/L	777425	3	11.819	522500	50.0
(DEL) Alkane: S...	12.005	175.6	ug/L	1835220	3	11.819	522500	50.0
Benzene, 2-prop...	12.102	200.7	ug/L	2096810	3	11.819	522500	50.0
(DEL) Alkane: C...	12.388	234.8	ug/L	2453820	3	11.819	522500	50.0
Benzene, 1-meth...	12.478	45.3	ug/L	473215	3	11.819	522500	50.0
Benzene, 1-ethy...	12.578	121.0	ug/L	1264890	3	11.819	522500	50.0
Benzene, 1-ethe...	12.684	240.1	ug/L	2509180	3	11.819	522500	50.0
trans-Decalin, ...	12.844	306.9	ug/L	3207540	3	11.819	522500	50.0
(DEL) Alkane: C...	12.934	376.9	ug/L	3938570	3	11.819	522500	50.0

1-Methyldecahyd...	13.057	289.3	ug/L	3023550	3	11.819	522500	50.0
Benzene, 2-ethy...	13.114	139.9	ug/L	1462140	3	11.819	522500	50.0
3,4-Dimethylcumene	13.208	84.8	ug/L	886221	3	11.819	522500	50.0
Benzene, pentyl-	13.359	71.1	ug/L	743162	3	11.819	522500	50.0
Benzene, (1-met...	13.465	444.8	ug/L	4647750	3	11.819	522500	50.0
Benzene, 1-meth...	13.565	47.8	ug/L	499370	3	11.819	522500	50.0
(DEL) Alkane: S...	13.594	69.4	ug/L	725366	3	11.819	522500	50.0
1H-Indene, 2,3-...	13.738	158.1	ug/L	1652170	3	11.819	522500	50.0
1H-Indene, 2,3-...	13.790	224.3	ug/L	2343480	3	11.819	522500	50.0
Benzene, (2-met...	13.841	253.2	ug/L	2646300	3	11.819	522500	50.0
Benzene, 1-meth...	13.950	332.6	ug/L	3475150	3	11.819	522500	50.0
unknown-02	14.127	105.1	ug/L	1098430	3	11.819	522500	50.0
1H-Indene, 2,3-...	14.352	105.1	ug/L	1097730	3	11.819	522500	50.0
1H-Indene, 2,3-...	14.674	405.4	ug/L	4236580	3	11.819	522500	50.0
Benzene, 1-(1,1...	14.815	126.8	ug/L	1325570	3	11.819	522500	50.0
1H-Indene, 2,3-...	14.883	274.6	ug/L	2869930	3	11.819	522500	50.0
Benzene, 1,3,5-...	15.028	304.6	ug/L	3183310	3	11.819	522500	50.0
(DEL) Alkane: S...	15.211	203.1	ug/L	2122640	3	11.819	522500	50.0
1H-Indene, 2,3-...	15.282	209.6	ug/L	2190420	3	11.819	522500	50.0
Naphthalene, 1,...	15.352	111.9	ug/L	1169480	3	11.819	522500	50.0
Naphthalene, 1,...	16.265	63.0	ug/L	657937	3	11.819	522500	50.0
Naphthalene, 2,...	16.413	229.3	ug/L	2396320	3	11.819	522500	50.0
.alpha.-(2-Meth...	16.535	69.0	ug/L	720708	3	11.819	522500	50.0
Naphthalene, 1,...	16.790	92.3	ug/L	965071	3	11.819	522500	50.0
Naphthalene, 2-...	17.118	25.7	ug/L	268587	3	11.819	522500	50.0
Naphthalene, 2,...	17.542	17.4	ug/L	182028	3	11.819	522500	50.0

Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME