LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

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

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

Signal : TIC: VU046096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	72	81	101	rVB	80453	115755	1.76%	0.208%
2	1.916	170	179	197	rBV	46546	85055	1.29%	0.153%
3	2.543	361	374	390	rBV	152810	253275	3.84%	0.455%
4	3.182	557	573	598	rBV2	12292	33846	0.51%	0.061%
5	4.658	1014	1032	1084	rVV	42426	195023	2.96%	0.351%
6	5.063	1141	1158	1188	rVB	141055	341307	5.18%	0.614%
7	5.584	1309	1320	1332	rBV3	8619	17795	0.27%	0.032%
8	5.719	1342	1362	1391	rBV2	355659	891608	13.54%	1.603%
9	5.896	1406	1417	1432	rVB2	7757	18117	0.28%	0.033%
10	5.980	1433	1443	1459	rBV3	6544	16361	0.25%	0.029%
11	6.128	1478	1489	1501	rBV3	14601	27608	0.42%	0.050%
12	6.250	1511	1527	1551	rBV	283332	581652	8.83%	1.046%
13	6.510	1592	1608	1624	rBV6	8100	23548	0.36%	0.042%
14	6.690	1650	1664	1680	rBV	187520	389215	5.91%	0.700%
15	7.253	1825	1839	1853	rBV4	7002	15757	0.24%	0.028%
16	7.497	1903	1915	1923	rBV3	15821	28650	0.43%	0.052%
17	7.568	1923	1937	1956	rVV	107559	219714	3.34%	0.395%
18	7.658	1956	1965	1984	rVB2	17174	36542	0.55%	0.066%
19	7.854	2013	2026	2028	rBV6	9579	16166	0.25%	0.029%
20	7.899	2028	2040	2057	rVV	411792	779770	11.84%	1.402%
21	8.128	2096	2111	2119	rBV2	31125	51352	0.78%	0.092%
22	8.182	2119	2128	2157	rVB	67317	160055	2.43%	0.288%
23	8.684	2258	2284	2299	rBV	144148	469332	7.12%	0.844%
24	8.864	2331	2340	2349	rVB	17659	27485	0.42%	0.049%
25	8.925	2349	2359	2365	rBV3	21223	38041	0.58%	0.068%
26	9.057	2386	2400	2412	rBV4	18476	44112	0.67%	0.079%
27	9.166	2428	2434	2442	rBV4	14568	22189	0.34%	0.040%
28	9.214	2442	2449	2461	rVB3	45725	78273	1.19%	0.141%
29	9.336	2476	2487	2499	rBV3	43833	79567	1.21%	0.143%
30	9.427	2500	2515	2535	rBV	321092	740920	11.25%	1.332%
31	9.578	2548	2562	2584	rBV	1022293	2037367	30.93%	3.663%
32	9.700	2584	2600	2640	rVB	3038667	6587387	100.00%	11.843%
33	9.890	2646	2659	2668	rVB10	7110	15456	0.23%	0.028%
34	9.954	2668	2679	2688	rBV5	11662	23428	0.36%	0.042%
35	10.021	2689	2700	2713	rBV5	90319	204010	3.10%	0.367%
36	10.111	2714	2728	2741	rVV	741718	1461526	22.19%	2.628%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

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

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

37	10.253	2754	2772	2785	rBV3	170754	344583	5.23%	0.620%
38	10.317	2785	2792	2795	rBV2	20400	26574	0.40%	0.048%
39	10.356	2795	2804	2812	rBV4	104893	188895	2.87%	0.340%
40	10.491	2828	2846	2856	rBV	112267	248736	3.78%	0.447%
41	10.558	2856	2867	2875	rBV3	109691	211567	3.21%	0.380%
42	10.626	2875	2888	2892	rVV2	193769	368108	5.59%	0.662%
43	10.655	2893	2897	2913	rVB	238440	356756	5.42%	0.641%
44	10.764	2914	2931	2943	rBV2	359661	797427	12.11%	1.434%
45	10.912	2966	2977	2994	rBV	377656	659927	10.02%	1.186%
46	11.005	2994	3006	3022	rVV	970905	2347885	35.64%	4.221%
47	11.115	3024	3040	3057	rVB2	1459392	3267714	49.61%	5.875%
48	11.205	3063	3068	3075	rVB2	23964	33354	0.51%	0.060%
49	11.246	3076	3081	3086	rBV3	16337	21766	0.33%	0.039%
50	11.301	3087	3098	3113	rVV	506161	940757	14.28%	1.691%
51	11.378	3115	3122	3127	rVV2	100531	149545	2.27%	0.269%
52	11.420	3127	3135	3141	rVV	289091	438451	6.66%	0.788%
53	11.475	3141	3152	3173	rVB	2501269	4184314	63.52%	7.523%
54	11.574	3174	3183	3190	rBV3	106992	188457	2.86%	0.339%
55	11.645	3200	3205	3214	rVB2	117445	180788	2.74%	0.325%
56	11.709	3215	3225	3232	rBV6	155309	309743	4.70%	0.557%
57	11.751	3232	3238	3246	rVV3	104070	151407	2.30%	0.272%
58	11.822	3250	3260	3271	rVV2	523268	963039	14.62%	1.731%
59	11.902	3271	3285	3296	rVV	781054	1526836	23.18%	2.745%
60	12.005	3311	3317	3334	rVB2	235424	406954	6.18%	0.732%
61	12.102	3334	3347	3364	rBV	2098667	3719119	56.46%	6.687%
62	12.198	3364	3377	3390	rVB4	692240	1355909	20.58%	2.438%
63	12.282	3392	3403	3404	rBV6	32695	55800	0.85%	0.100%
64	12.330	3407	3418	3428	rBV	1276311	1810013	27.48%	3.254%
65	12.385	3428	3435	3450	rVB3	156543	328539	4.99%	0.591%
66	12.471	3453	3462	3466	rBV	155303	244519	3.71%	0.440%
67	12.574	3488	3494	3501	rVB	170252	225857	3.43%	0.406%
68	12.674	3517	3525	3532	rBV3	76687	168834	2.56%	0.304%
69	12.931	3596	3605	3611	rBV4	166050	301976	4.58%	0.543%
70	13.031	3625	3636	3653	rVB4	301443	684749	10.39%	1.231%
71	13.134	3664	3668	3676	rVB2	85116	104042	1.58%	0.187%
72	13.295	3710	3718	3728	rVB3	117537	204591	3.11%	0.368%
73	13.356	3730	3737	3745	rBV2	40956	56575	0.86%	0.102%
74	13.433	3747	3761	3782	rBV3	558938	1215147	18.45%	2.185%
75	13.587	3804	3809	3815	rBV	61605	79157	1.20%	0.142%
76	13.626	3816	3821	3846	rVB9	128509	325242	4.94%	0.585%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
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Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

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

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

77	13.735	3847	3855	3864	rBV8	30471	62568	0.95%	0.112%
78	13.838	3880	3887	3904	rBV3	54154	119872	1.82%	0.216%
79	13.950	3916	3922	3923	rBV2	23695	21897	0.33%	0.039%
80	14.089	3954	3965	3984	rVB	2237980	3604261	54.71%	6.480%
81	14.201	3986	4000	4012	rVB2	110236	297936	4.52%	0.536%
82	14.449	4069	4077	4085	rBV	293470	406395	6.17%	0.731%
83	14.674	4134	4147	4159	rBV8	58220	144112	2.19%	0.259%
84	14.809	4184	4189	4196	rBV5	24612	32870	0.50%	0.059%
85	14.941	4226	4230	4236	rVB5	17151	18016	0.27%	0.032%
86	15.021	4248	4255	4262	rBV5	37044	63530	0.96%	0.114%
87	15.166	4289	4300	4305	rBV3	33944	75508	1.15%	0.136%
88	15.220	4306	4317	4330	rVV	1327387	2117717	32.15%	3.807%
89	15.343	4347	4355	4362	rBV4	41106	68793	1.04%	0.124%
90	15.407	4364	4375	4389	rVV2	1005379	1723223	26.16%	3.098%
91	15.507	4401	4406	4416	rVB7	25573	42848	0.65%	0.077%
92	15.950	4534	4544	4567	rVB2	139768	337650	5.13%	0.607%
93	16.146	4598	4605	4613	rBV	68698	104154	1.58%	0.187%
94	16.262	4631	4641	4646	rBV	188727	310519	4.71%	0.558%
95	16.291	4647	4650	4660	rVB	152033	183005	2.78%	0.329%
96	16.407	4678	4686	4693	rBV	131568	213229	3.24%	0.383%
97	16.445	4693	4698	4716	rVB	112048	188361	2.86%	0.339%
98	16.880	4828	4833	4845	rVB3	46665	68164	1.03%	0.123%
99	17.326	4967	4972	4980	rVB3	44487	59625	0.91%	0.107%
100	17.375	4982	4987	4993	rVV3	28100	35740	0.54%	0.064%

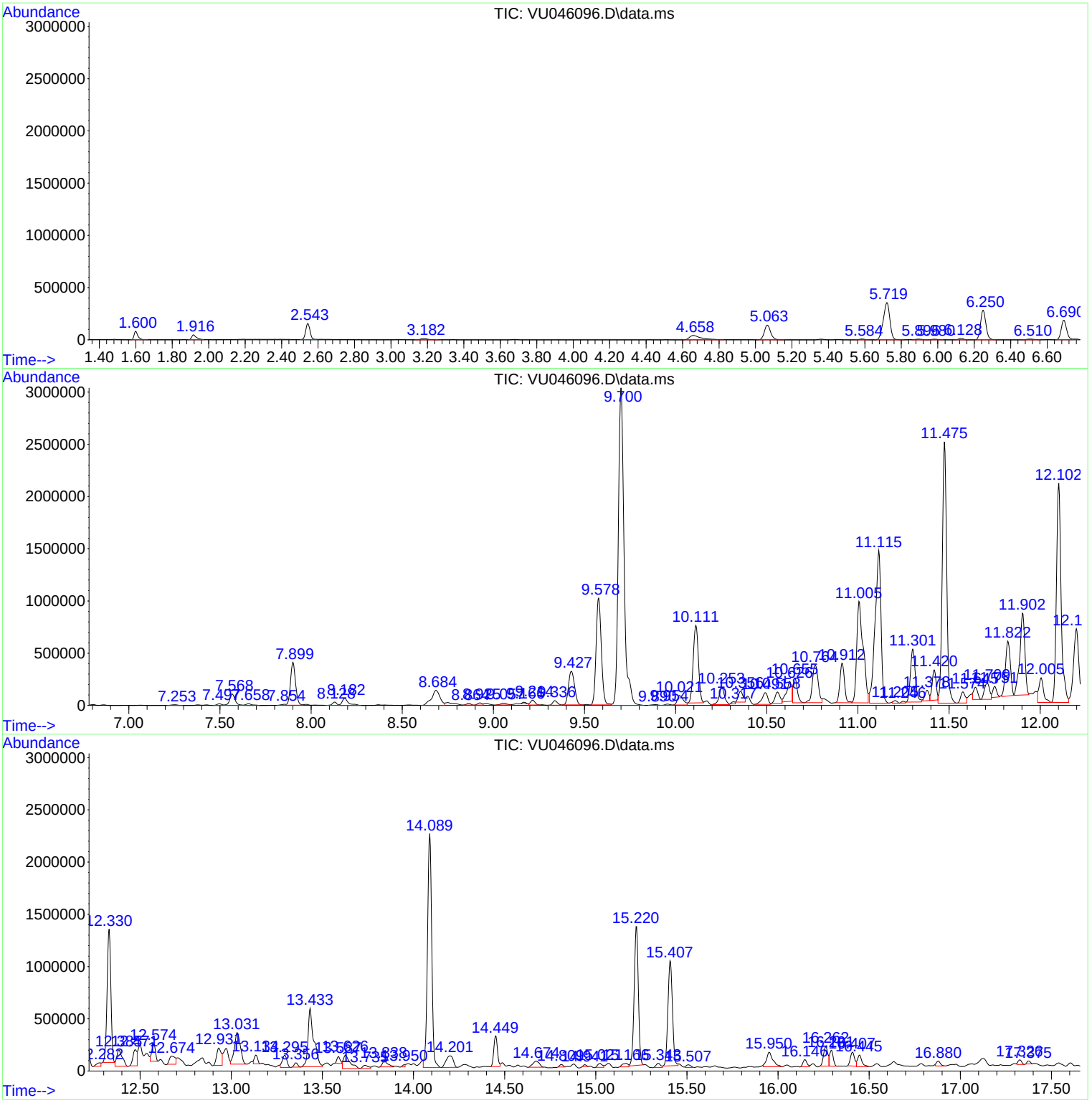
Sum of corrected areas: 55620909

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

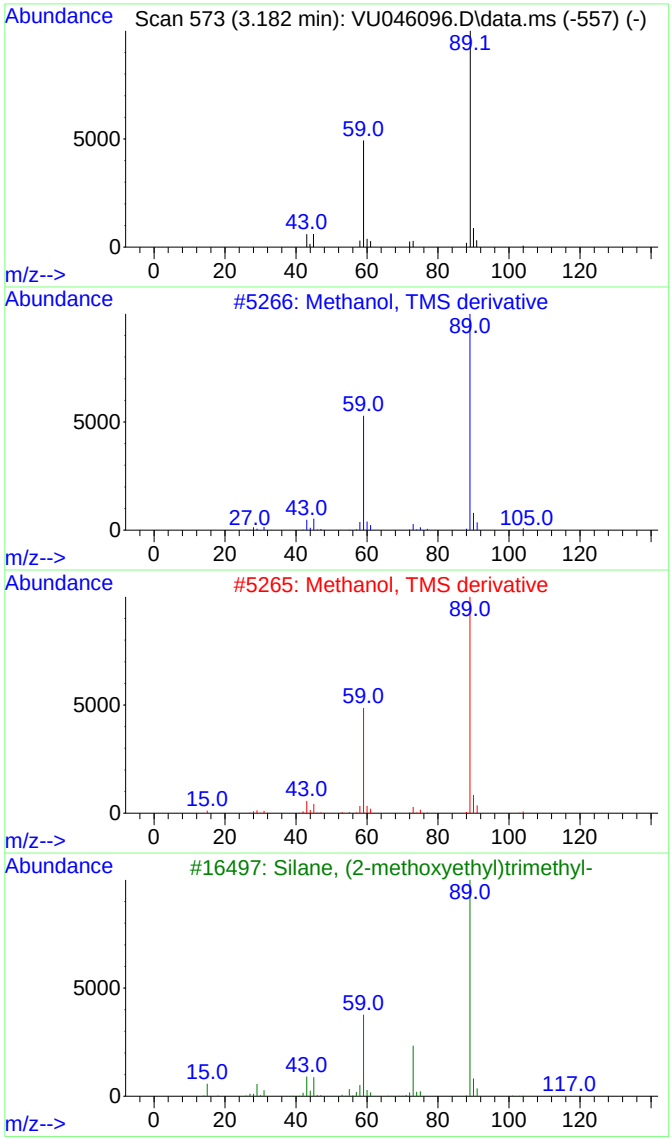
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

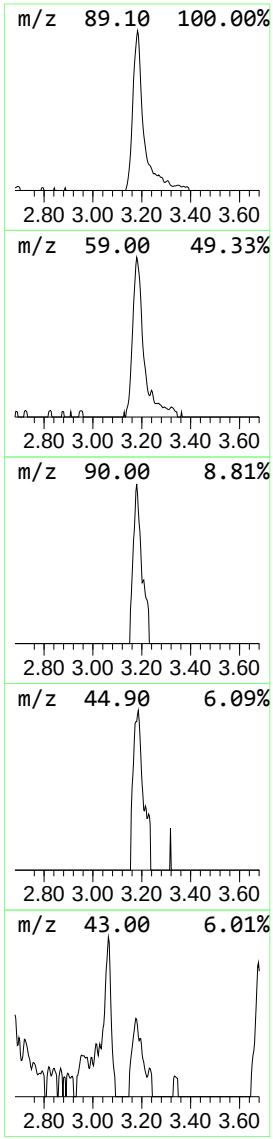
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Methanol, TMS derivative Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.182	2.91 ug/L	33846	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, TMS derivative	104	C4H12OSi	001825-61-2	91
2	Methanol, TMS derivative	104	C4H12OSi	001825-61-2	91
3	Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	83
4	Ethyl(dimethyl)methoxysilane	118	C5H14OSi	052686-75-6	74
5	Methanol, TBDMS derivative	146	C7H18OSi	1000364-10-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

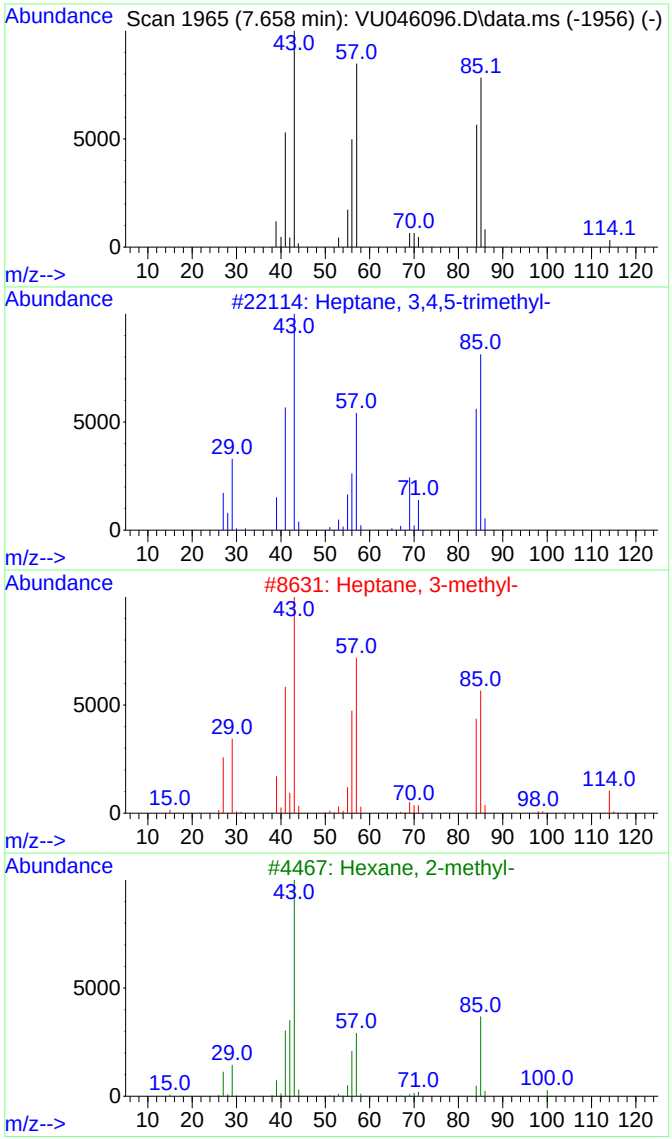
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

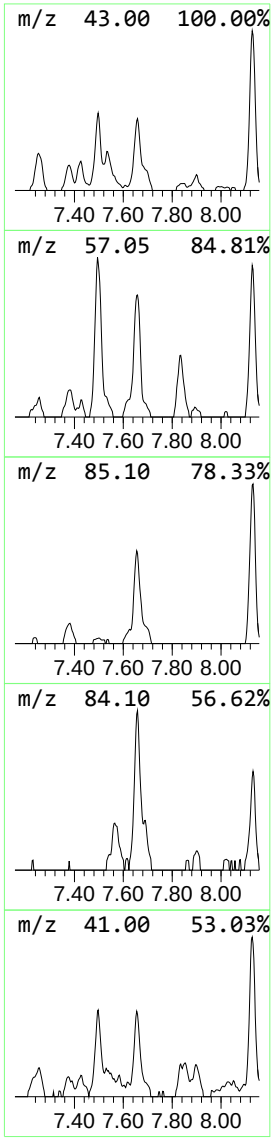
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.658	3.14 ug/L	36542	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	83
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	74
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

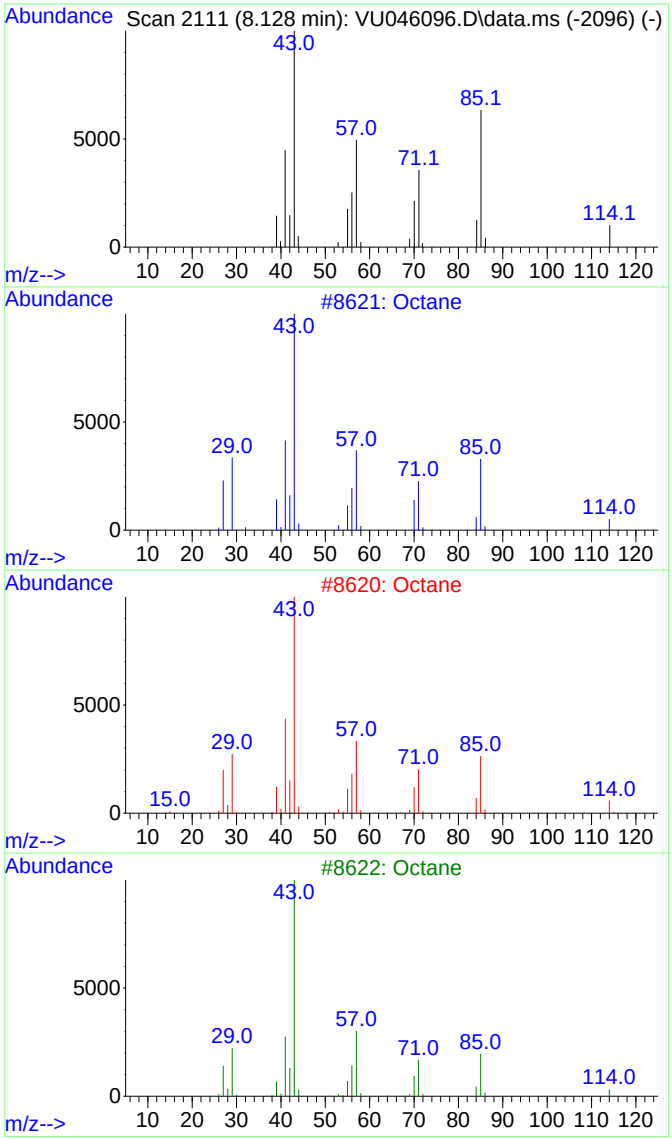
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

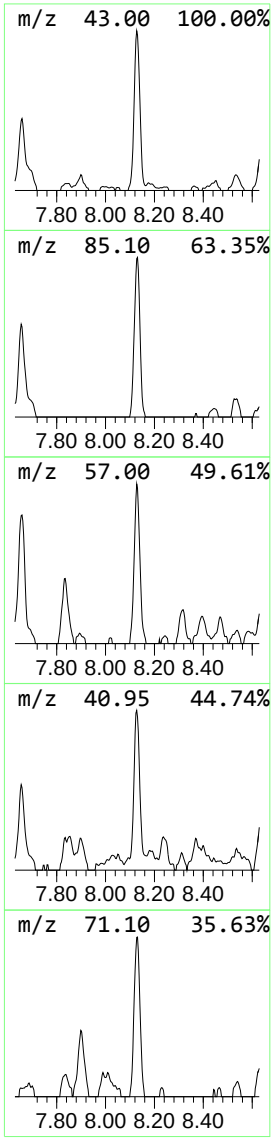
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.128	3.47 ug/L	51352	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	95
2	Octane	114	C8H18	000111-65-9	95
3	Octane	114	C8H18	000111-65-9	91
4	Octane	114	C8H18	000111-65-9	91
5	Octane	114	C8H18	000111-65-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

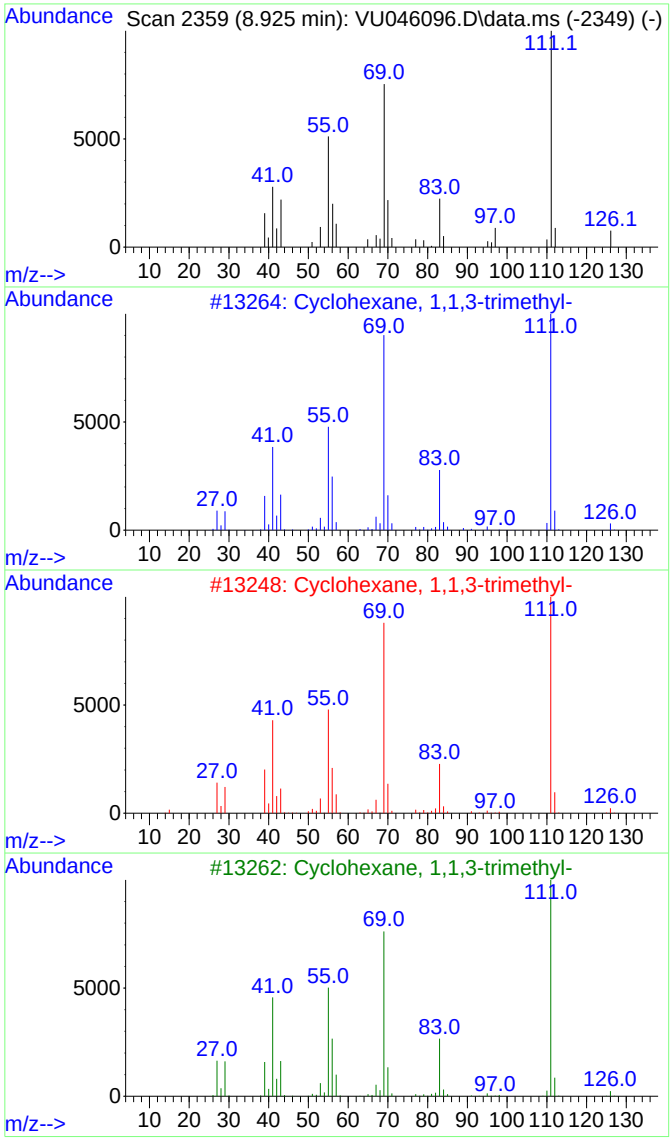
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

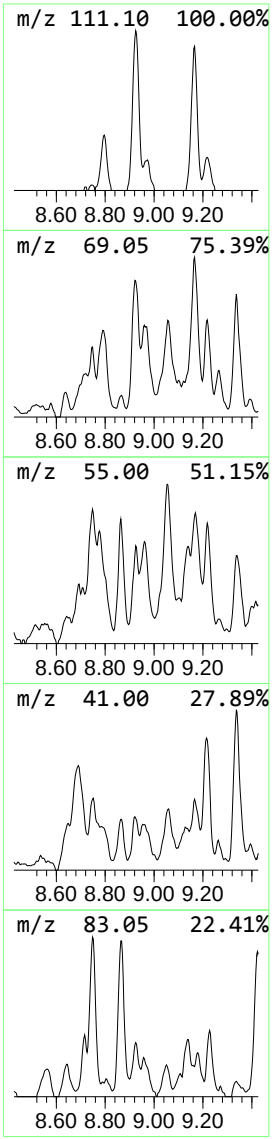
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.925 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.925	2.57 ug/L	38041	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
4	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	72
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

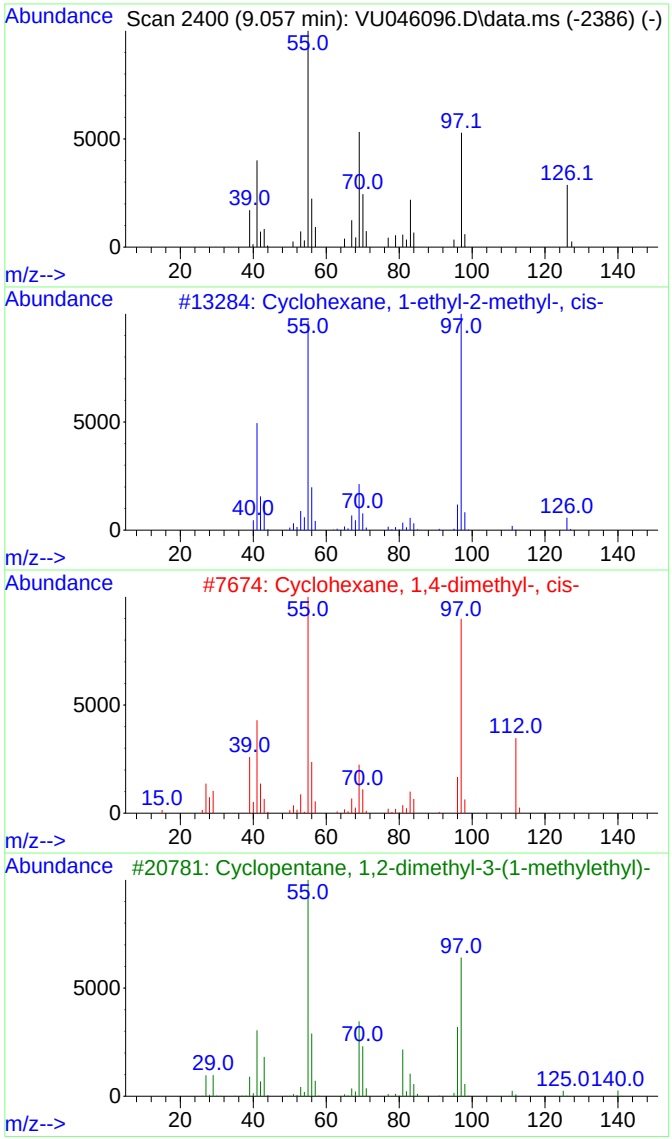
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

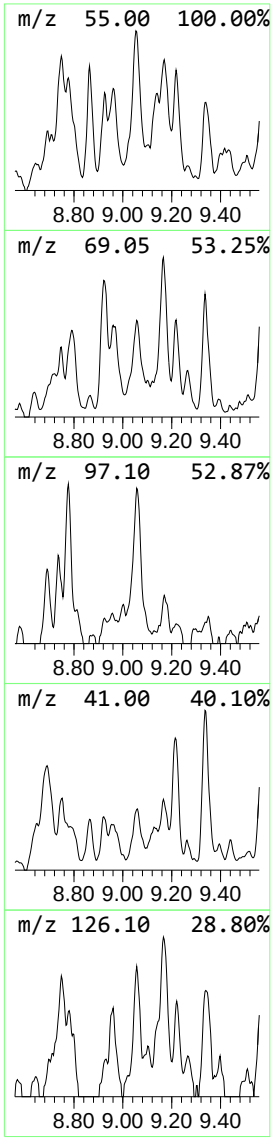
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic9.057 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	2.98 ug/L	44112	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53
3	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	53
4	Cyclohexanone, 2-ethyl-2-propyl-	168	C11H20O	055283-56-2	50
5	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

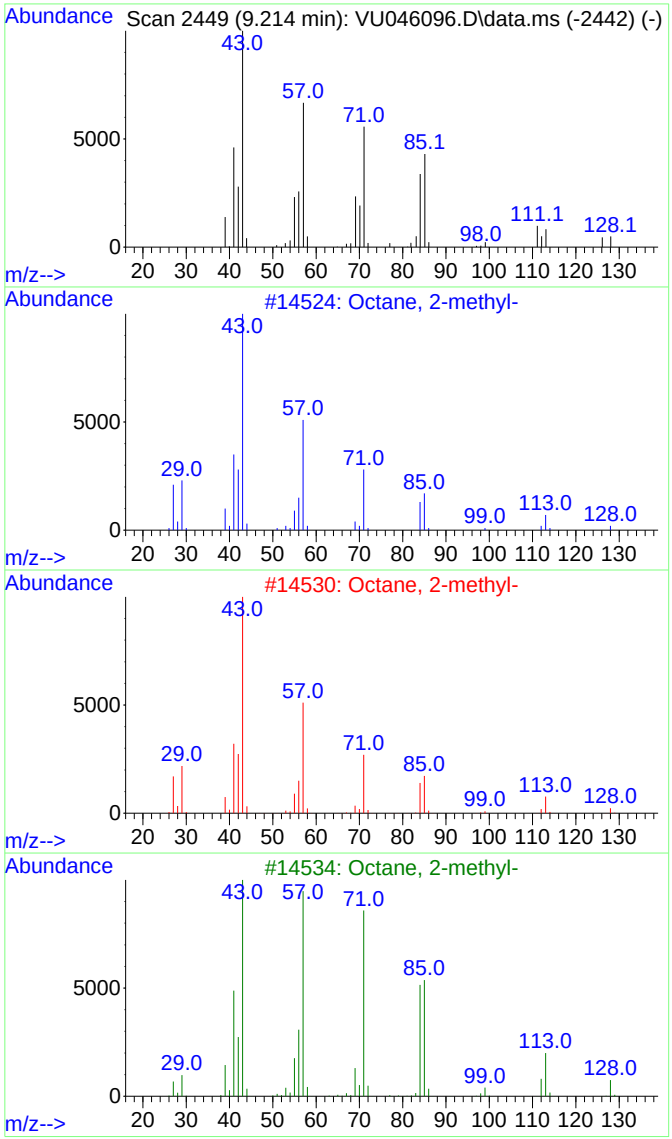
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

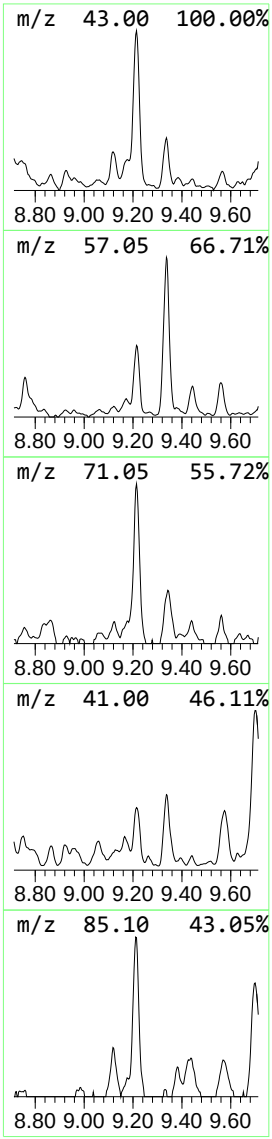
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	5.28 ug/L	78273	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	74
2	Octane, 2-methyl-	128	C9H20	003221-61-2	68
3	Octane, 2-methyl-	128	C9H20	003221-61-2	58
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	53
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

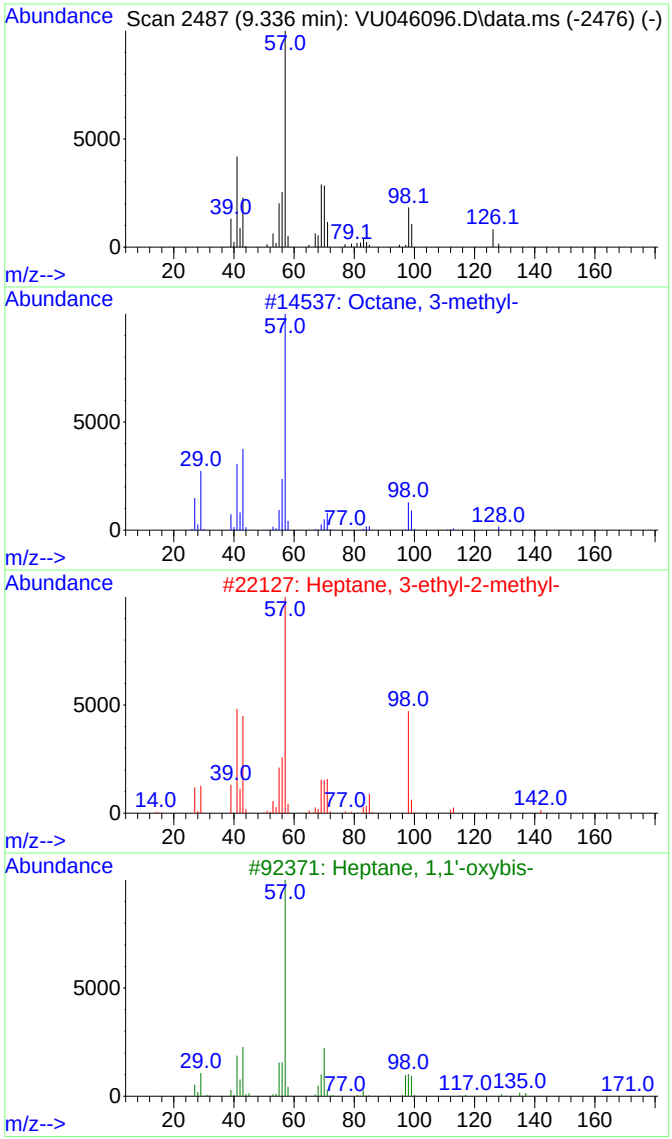
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

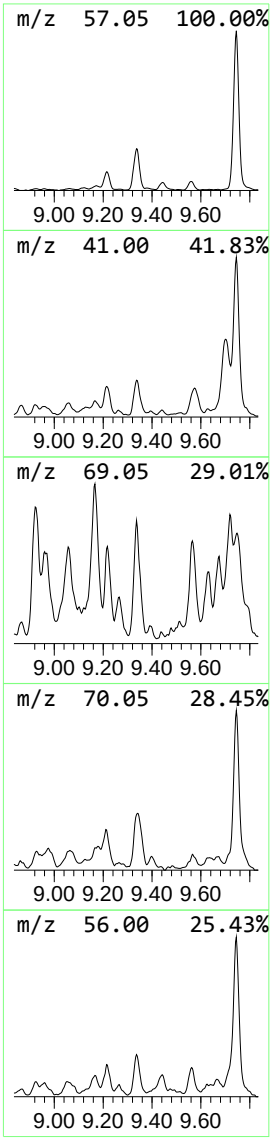
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.336	5.37 ug/L	79567	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
5	Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	50





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

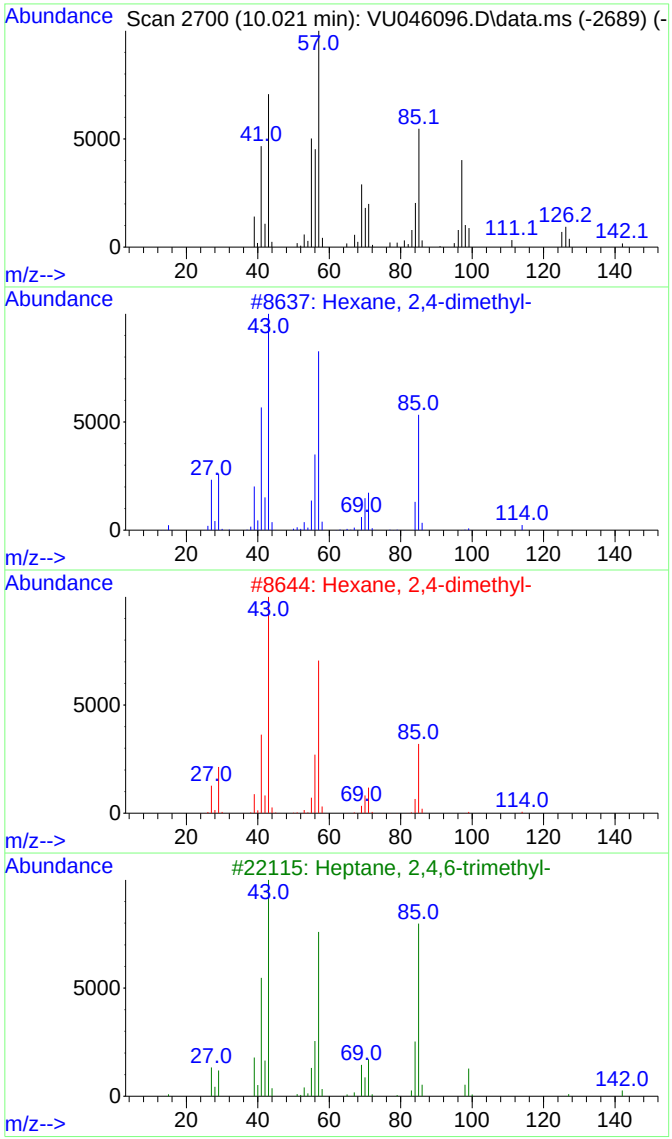
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

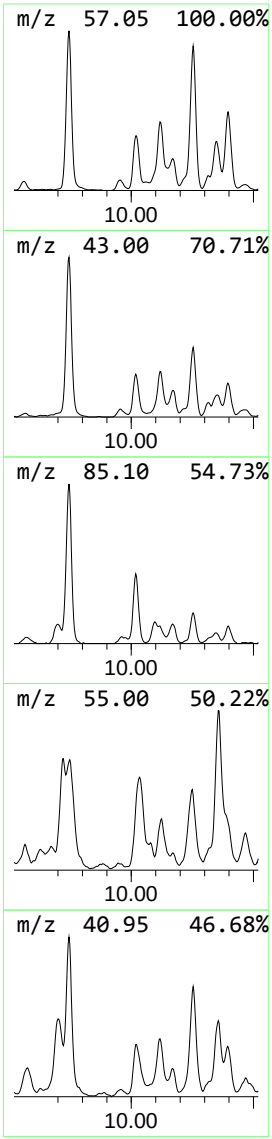
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.021	13.77 ug/L	204010	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	38
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

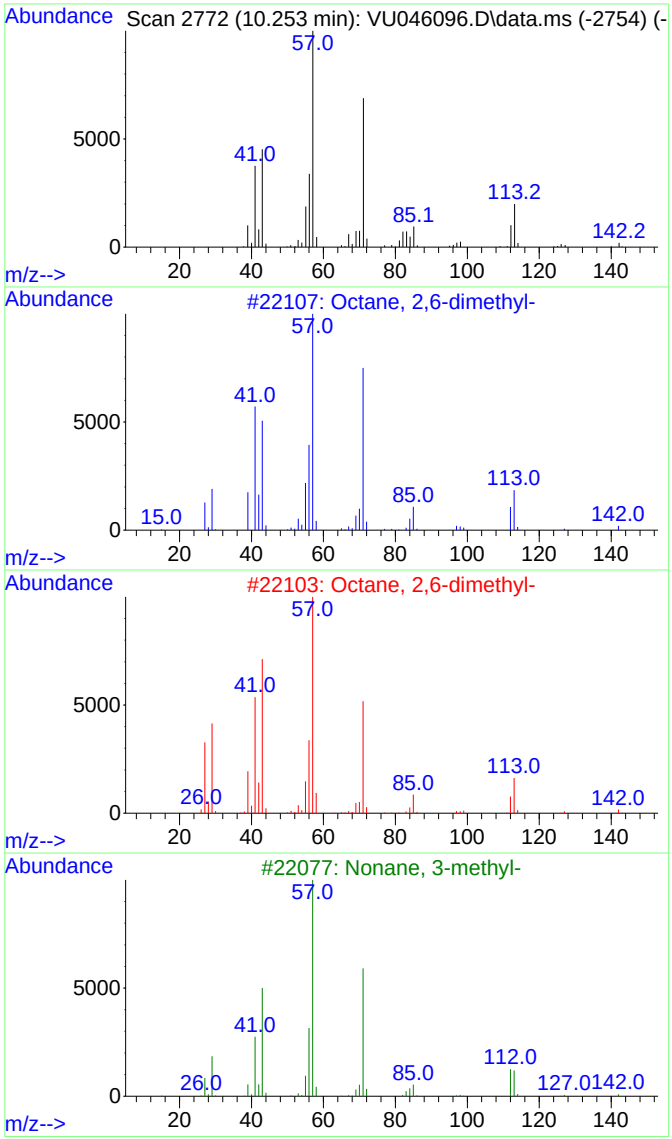
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

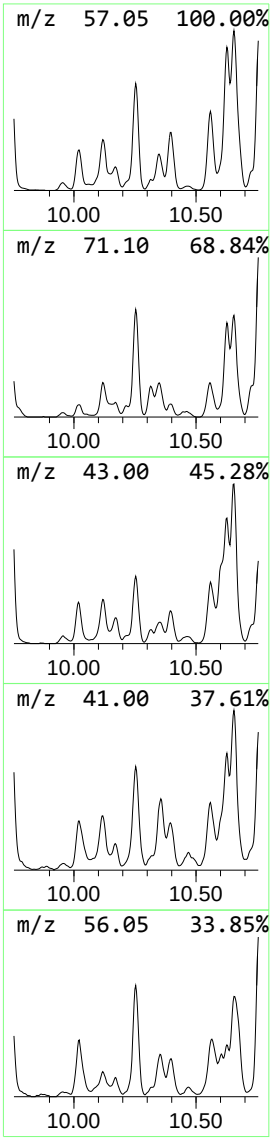
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.253	23.25 ug/L	344583	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

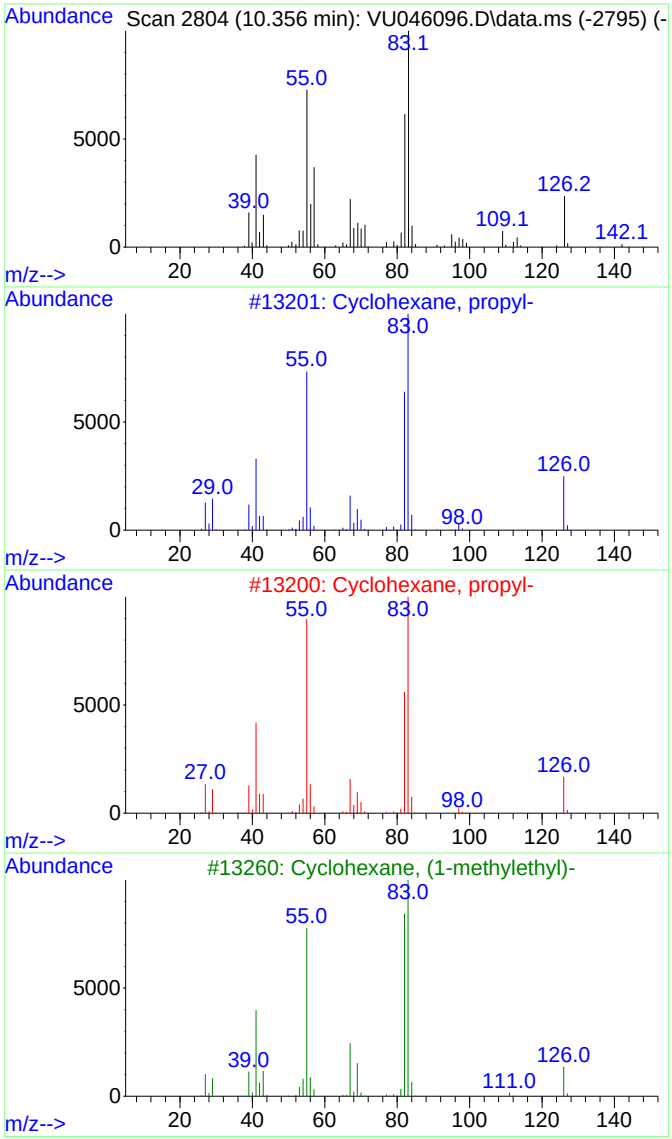
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

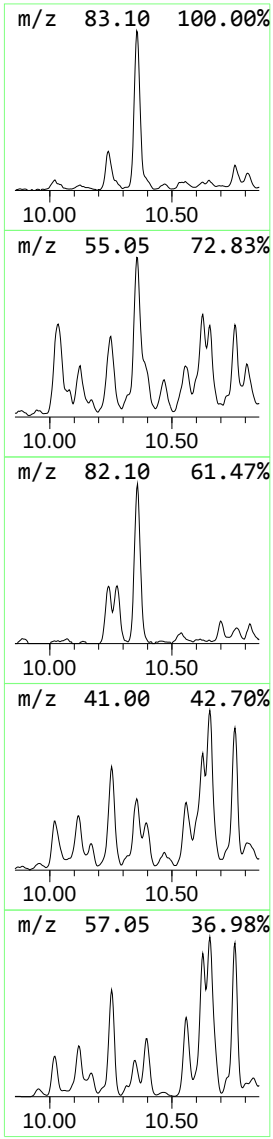
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic10.356 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	12.75 ug/L	188895	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

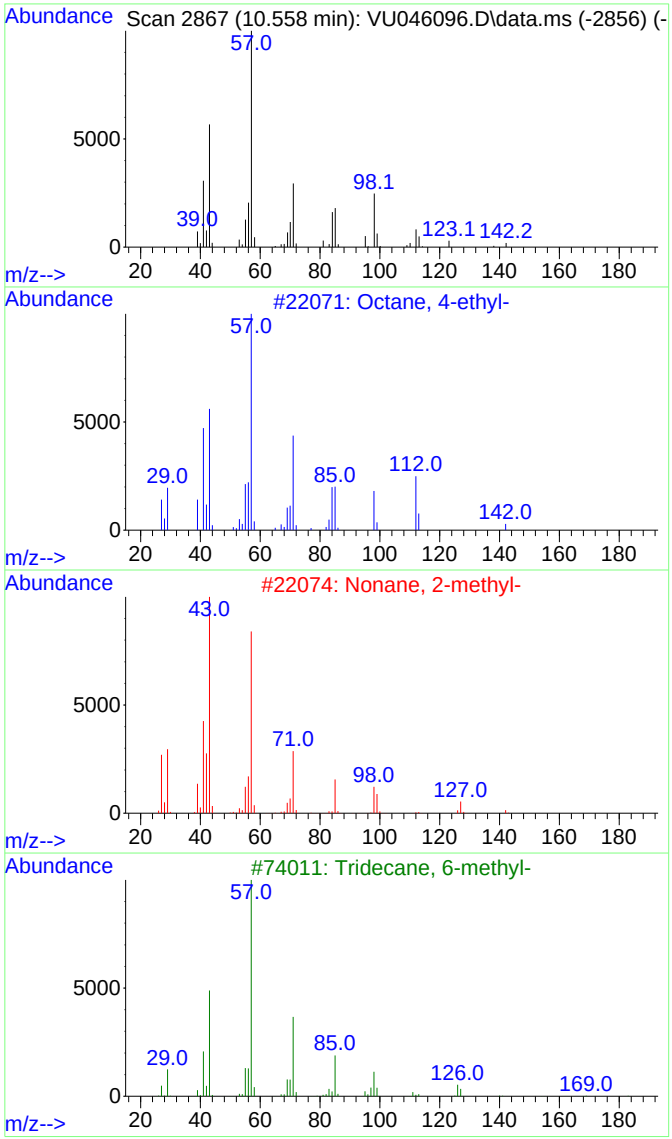
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

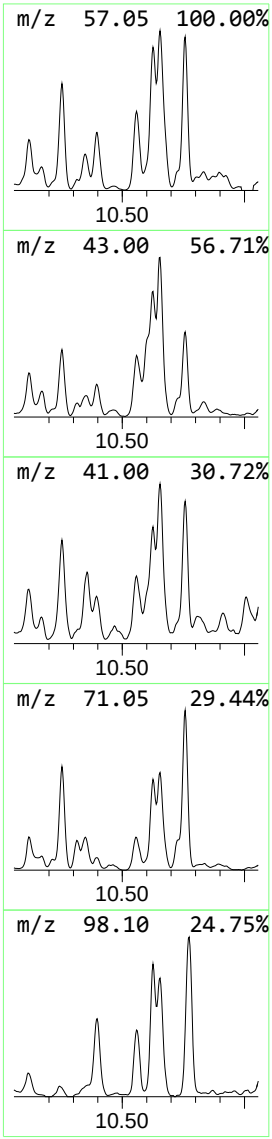
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.558	14.28 ug/L	211567	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	70
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	52
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

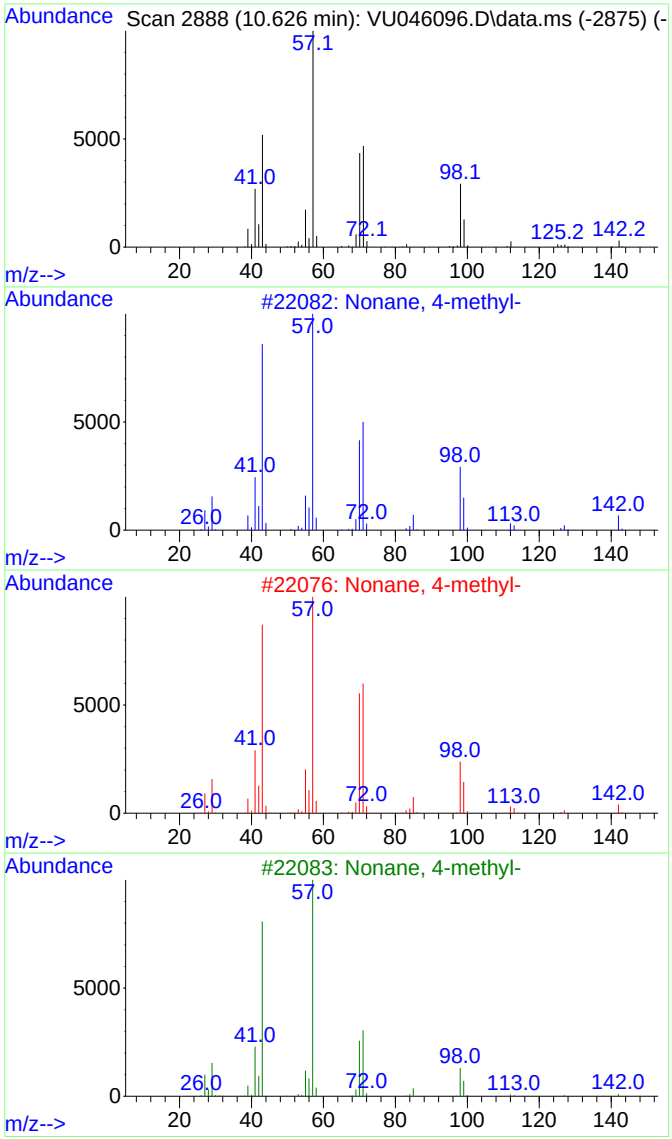
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

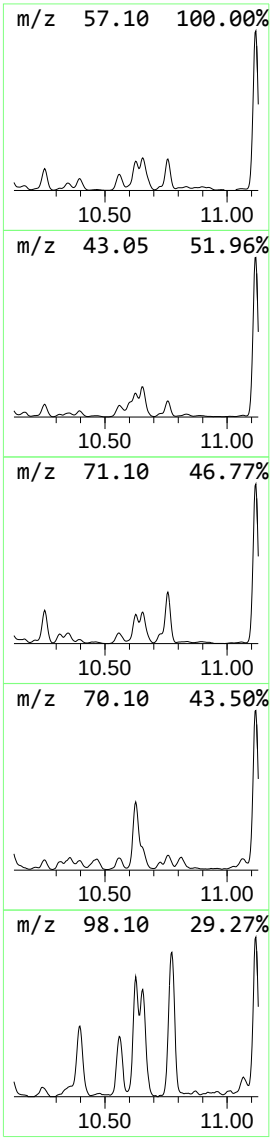
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	19.11 ug/L	368108	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	83
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

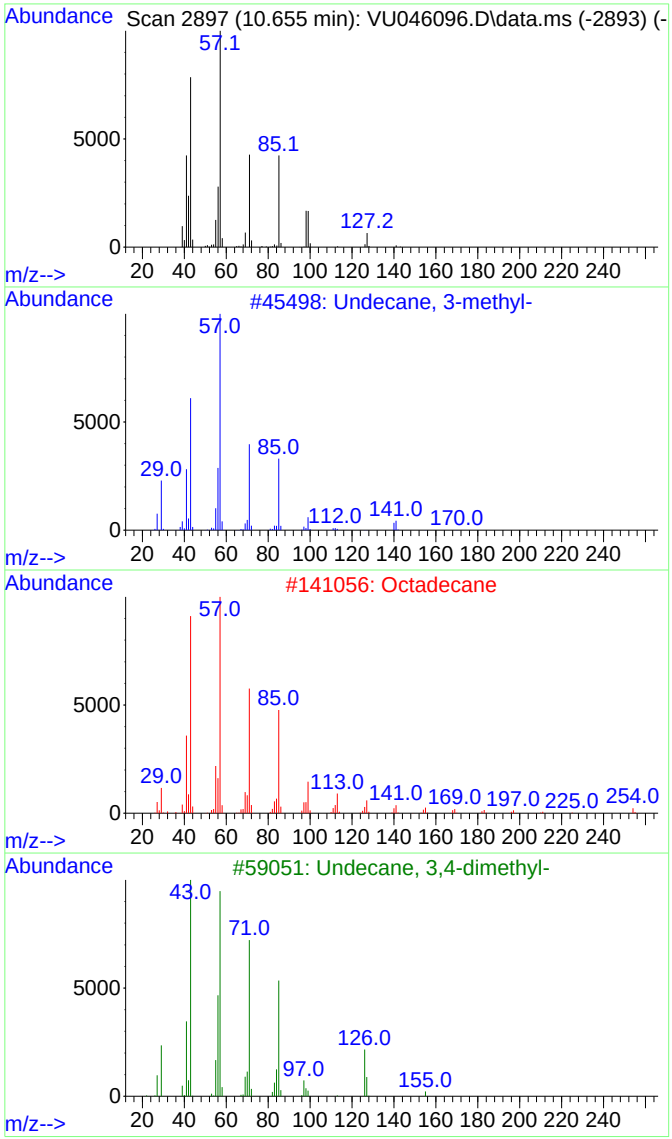
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

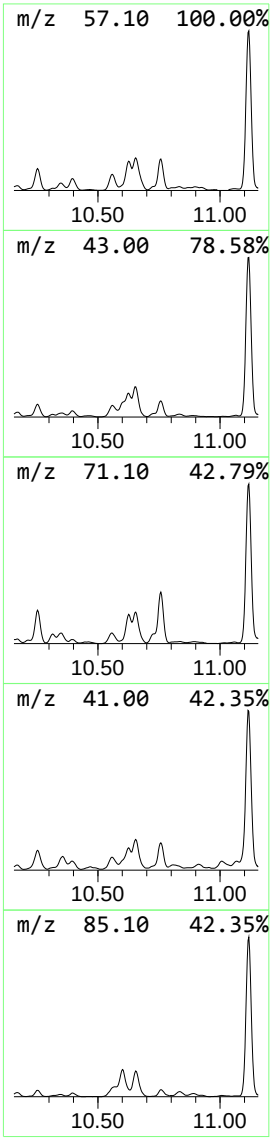
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.655	18.52 ug/L	356756	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2	Octadecane	254	C18H38	000593-45-3	59
3	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	59
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

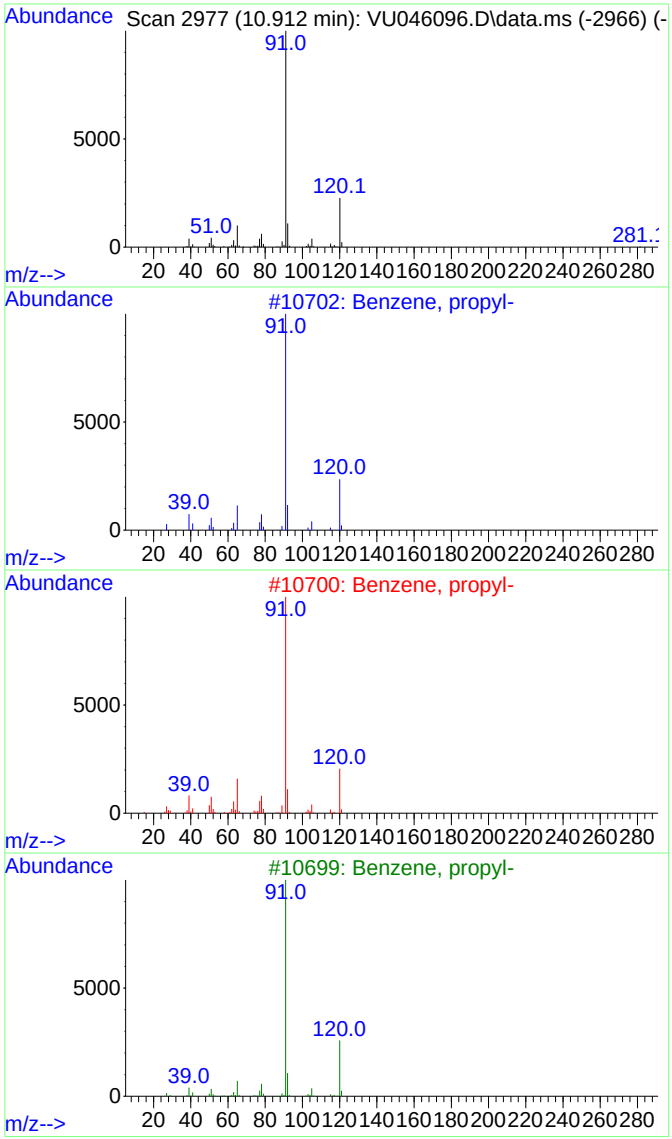
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

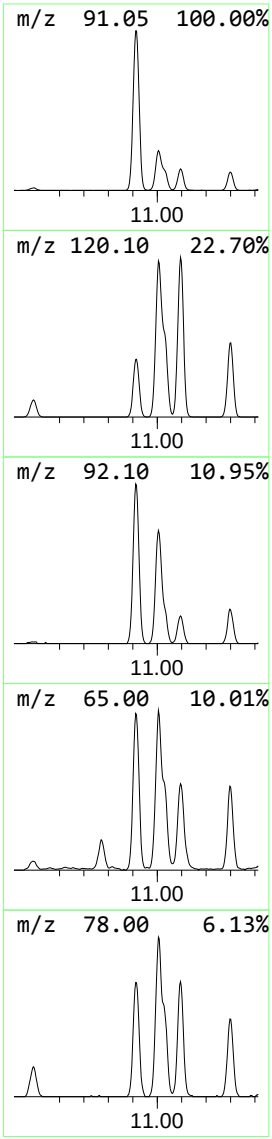
****

Peak Number 15 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.912	34.26 ug/L	659927	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

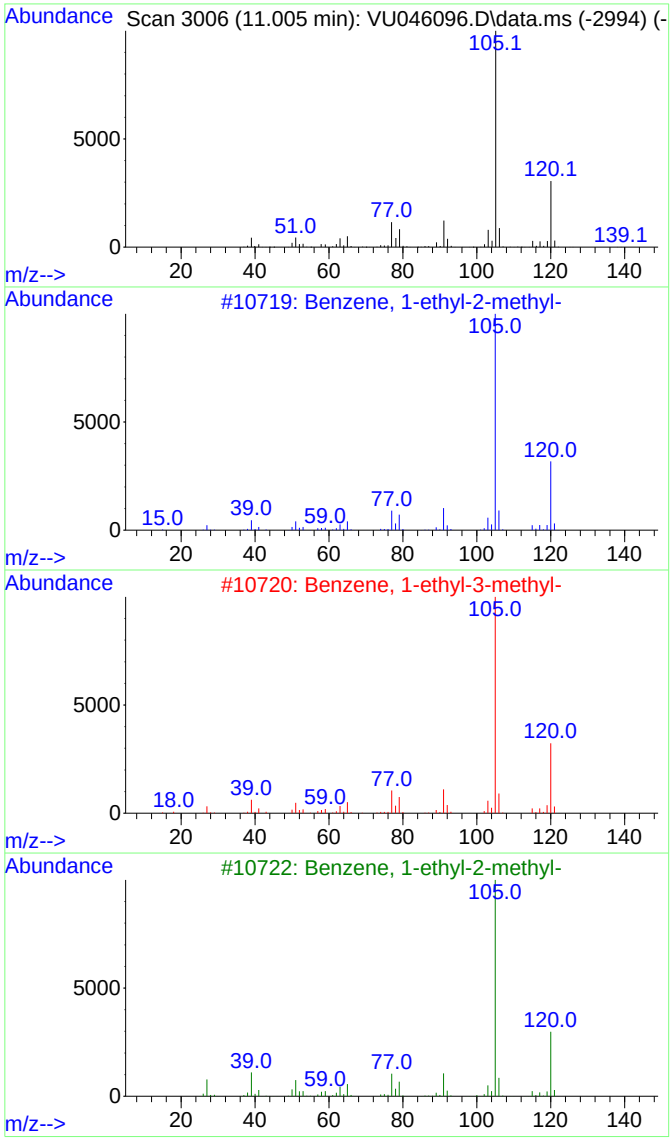
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

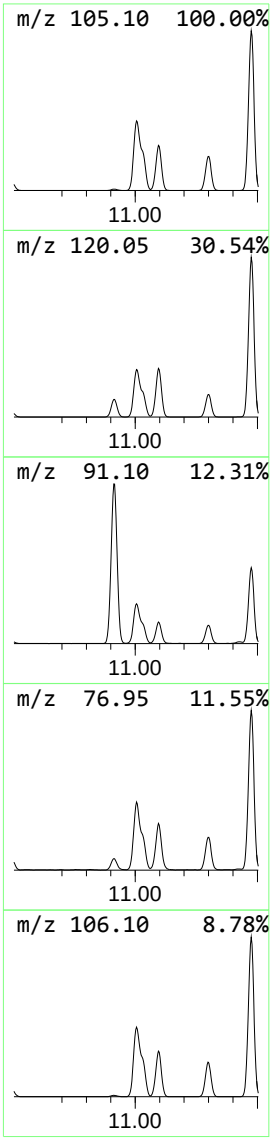
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	121.90 ug/L	2347890	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

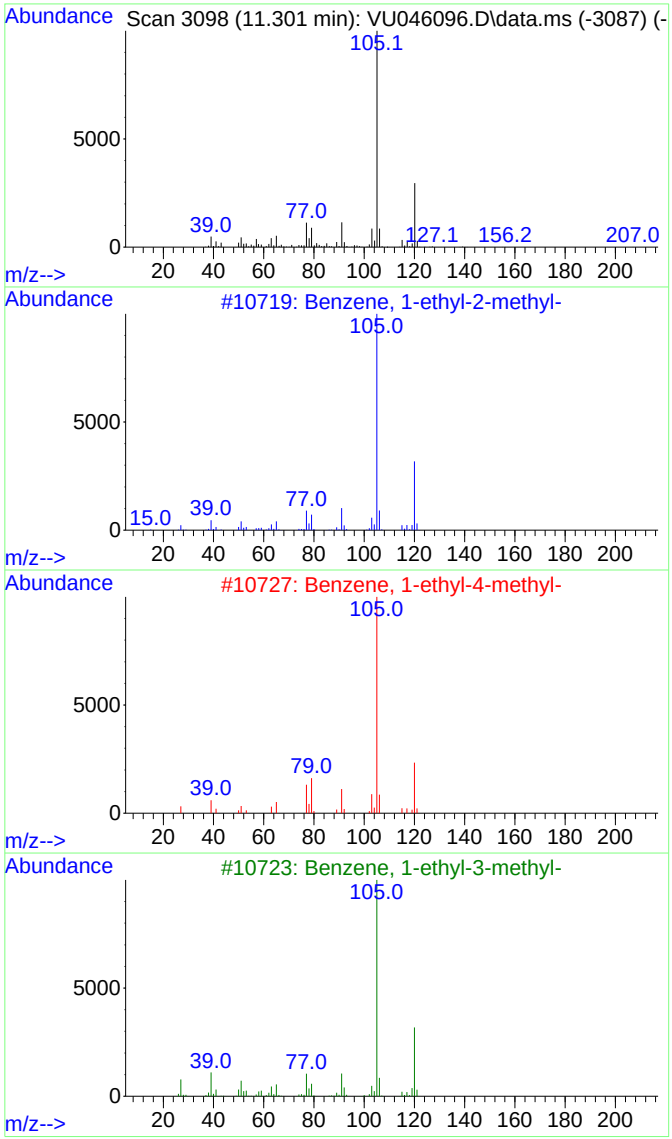
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

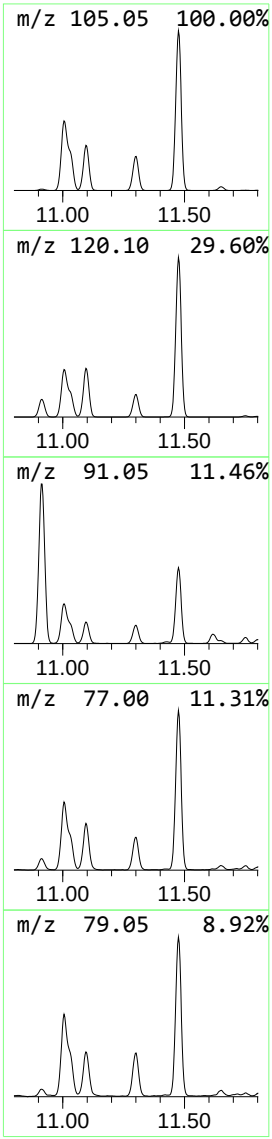
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.301	48.84 ug/L	940757	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

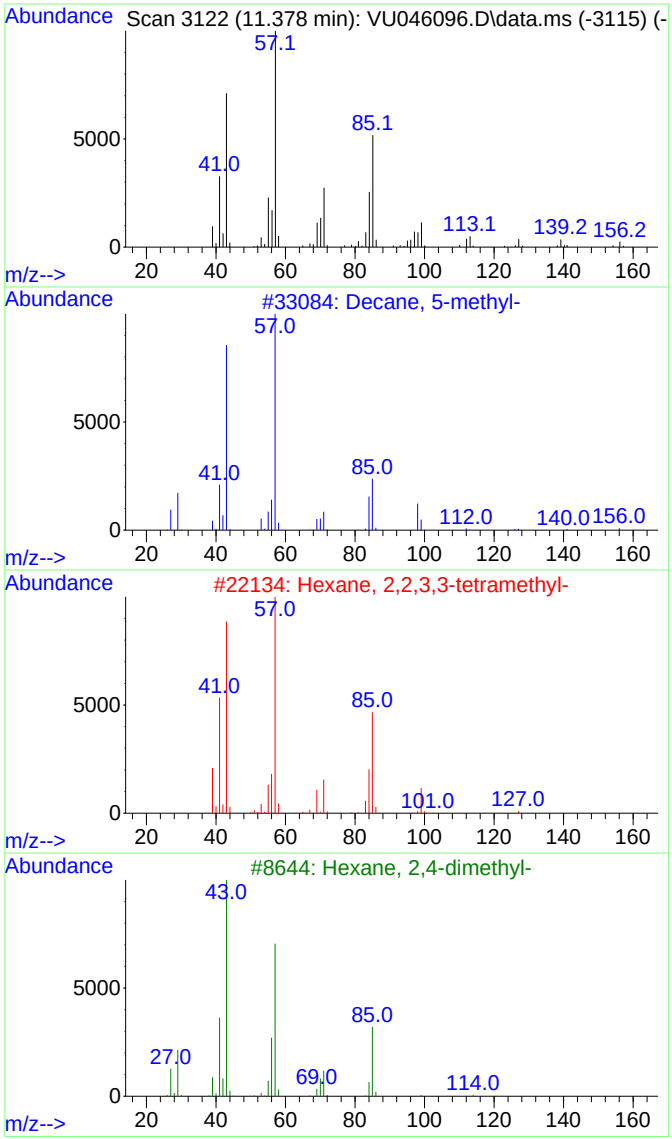
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

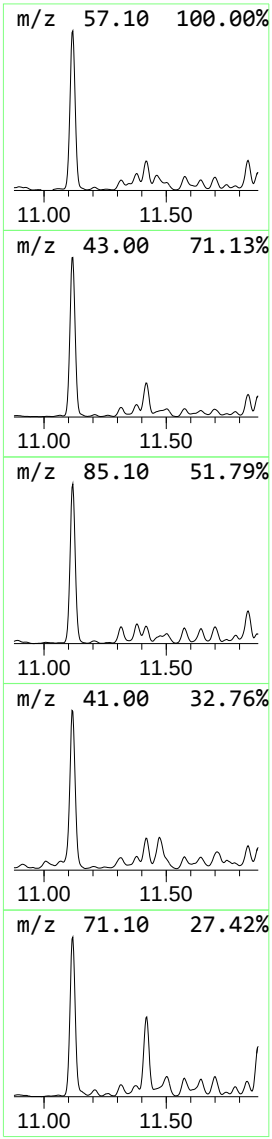
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	7.76 ug/L	149545	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	59
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	50
5	3-Heptanone, 2-methyl-	128	C8H16O	013019-20-0	47





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

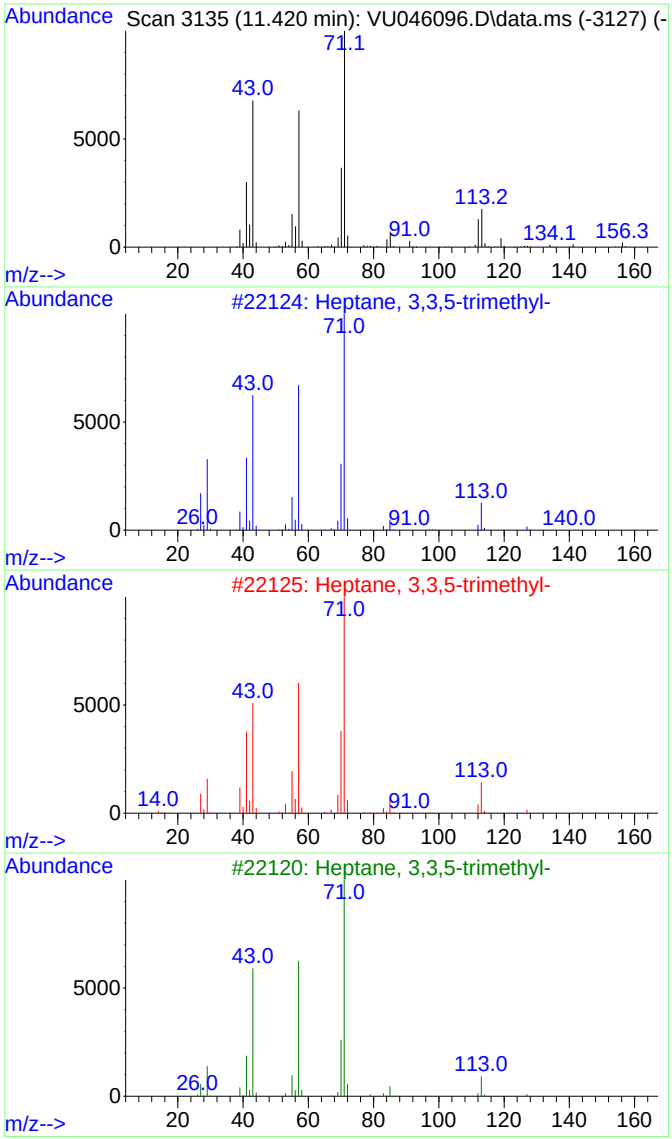
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

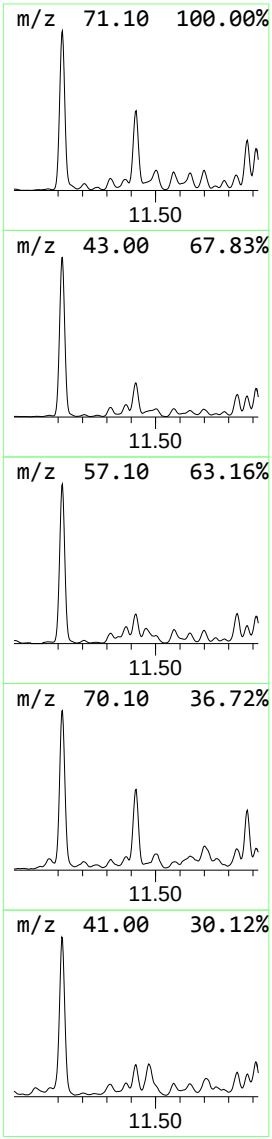
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.420	22.76 ug/L	438451	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	80
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	72





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

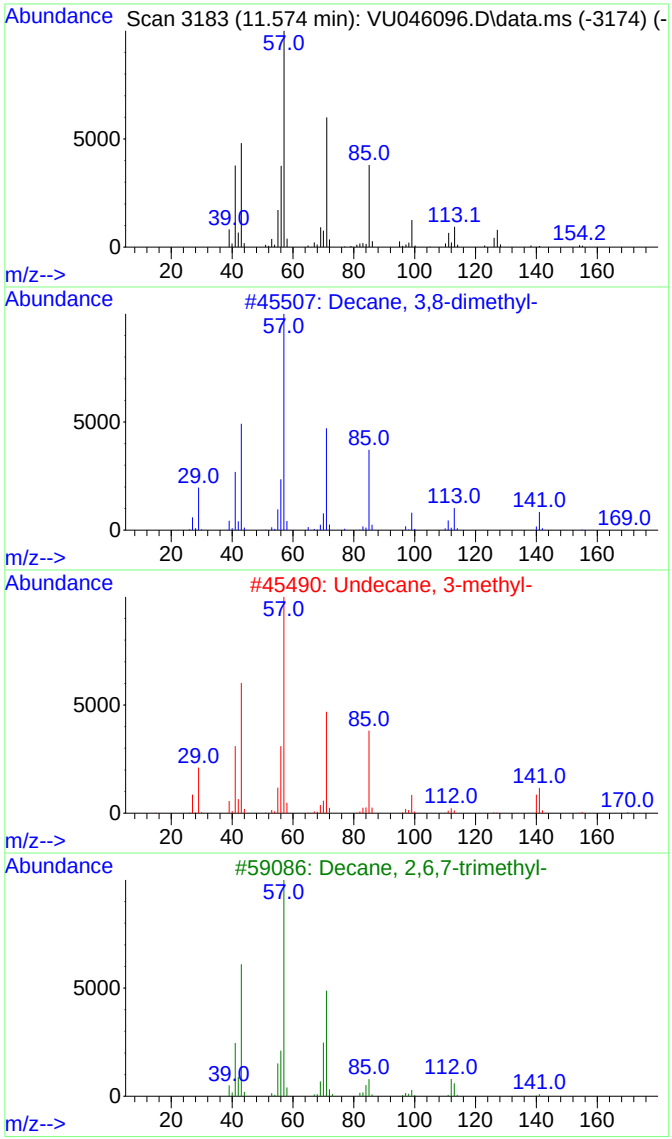
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

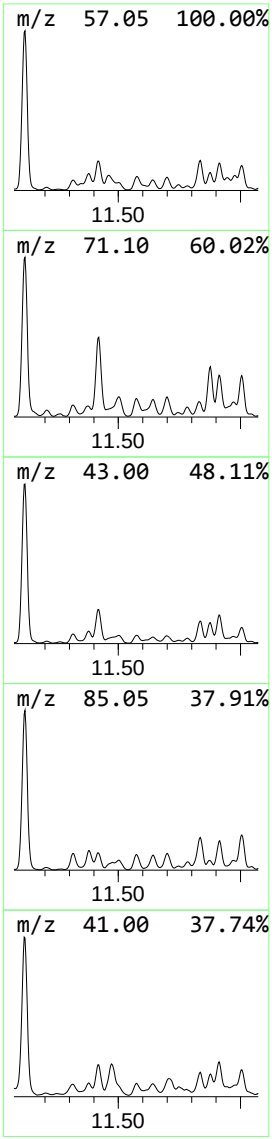
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.574	9.78 ug/L	188457	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

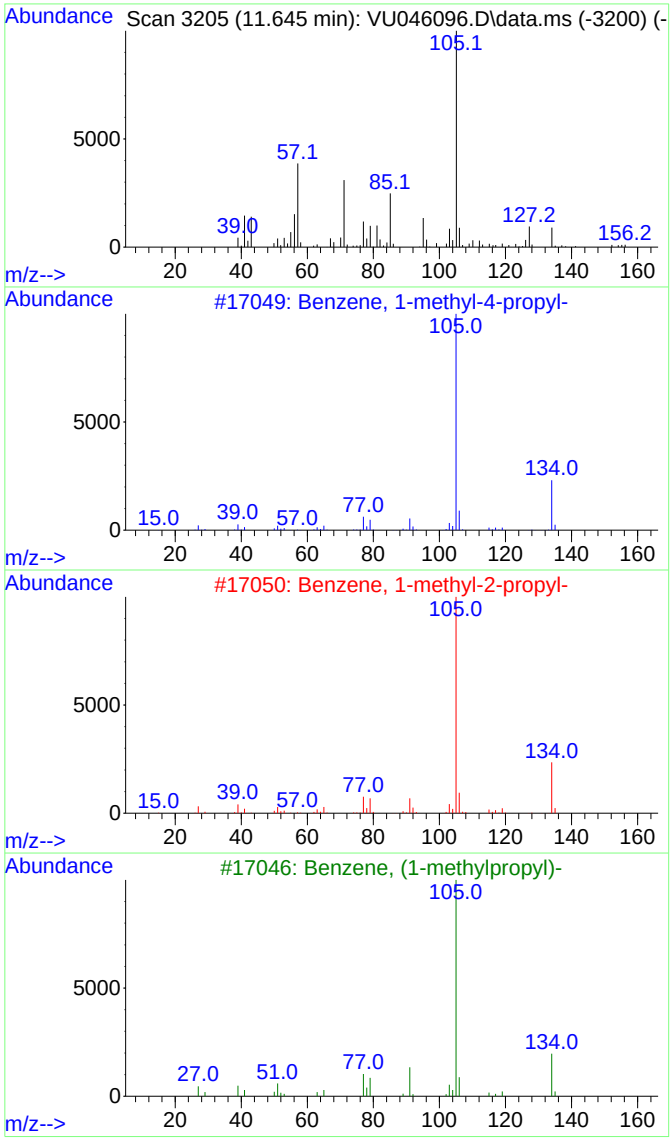
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

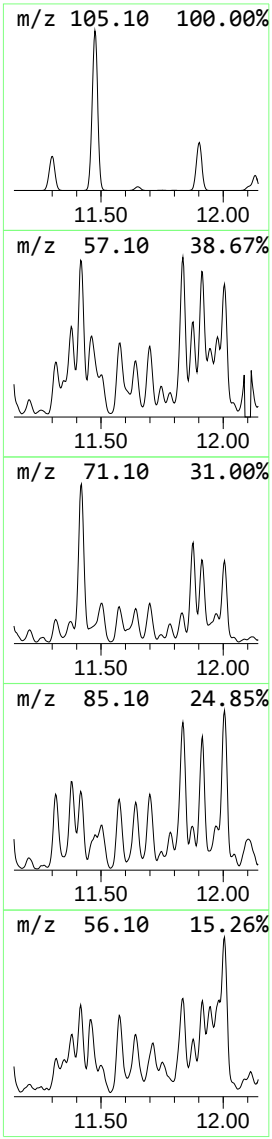
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	9.39 ug/L	180788	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	22
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	22
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	22
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	22





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

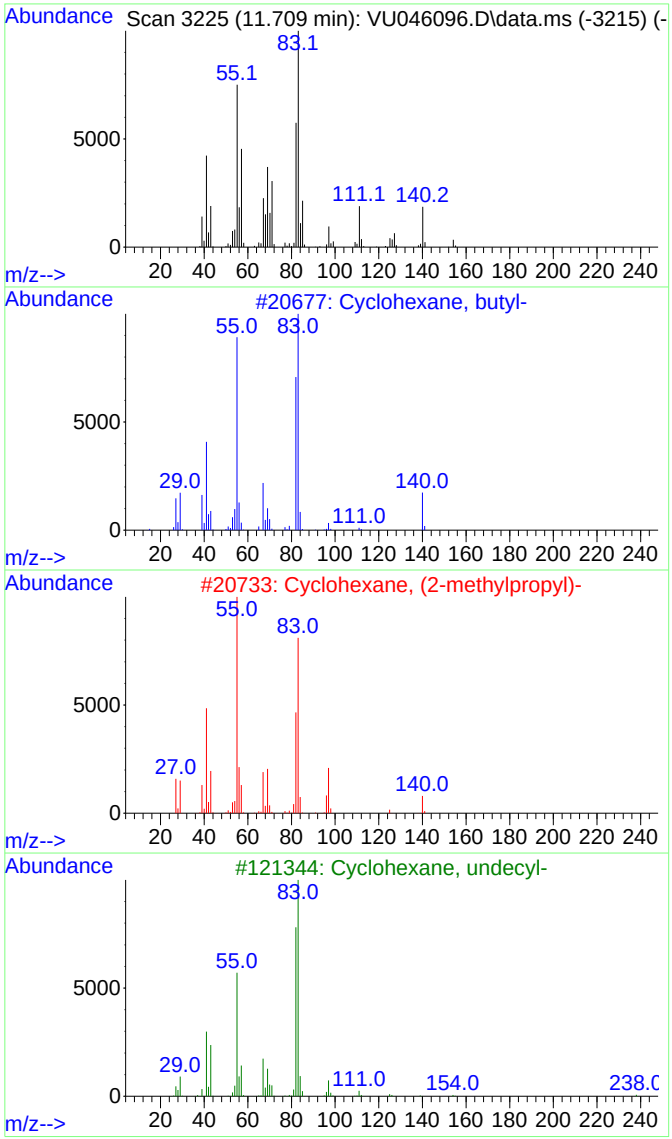
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

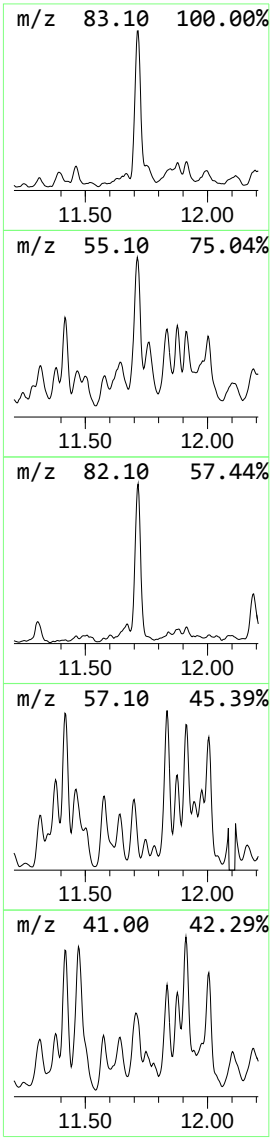
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.709 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	16.08 ug/L	309743	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

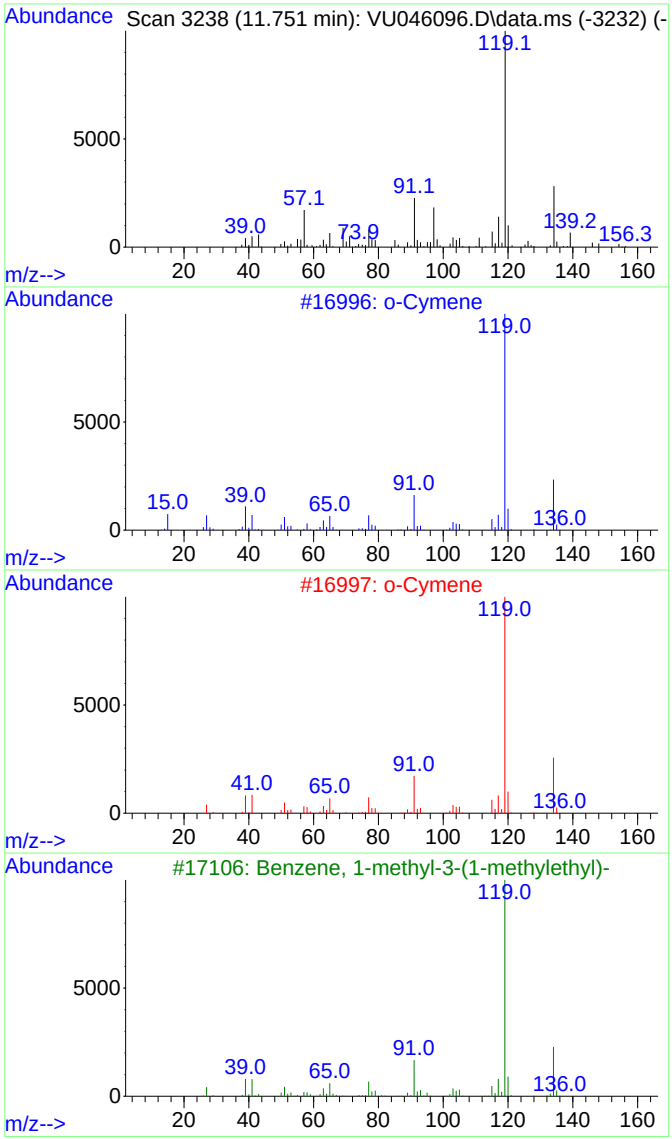
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

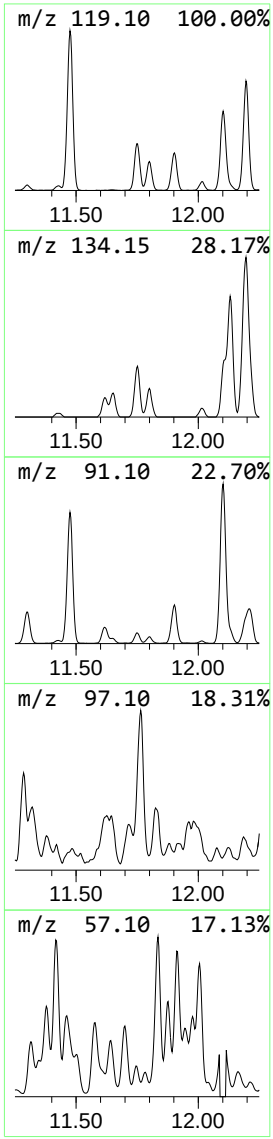
****

Peak Number 23 o-Cymene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	7.86 ug/L	151407	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

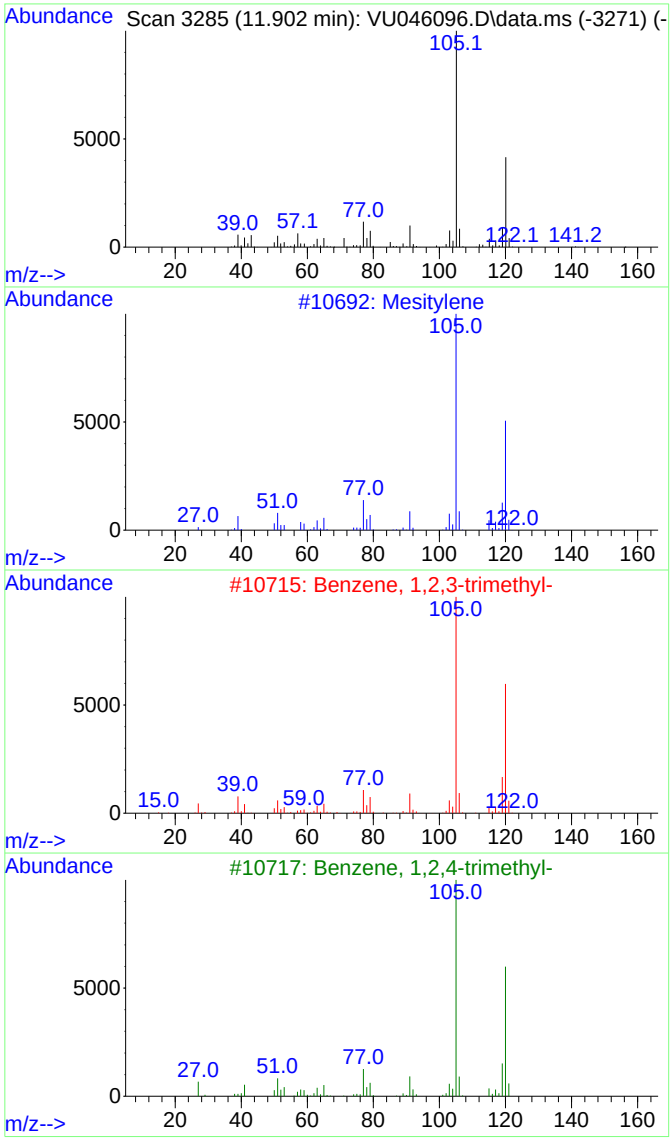
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

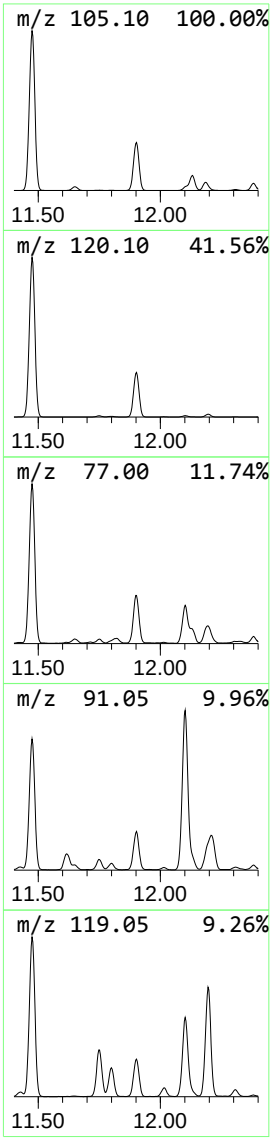
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	79.27 ug/L	1526840	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

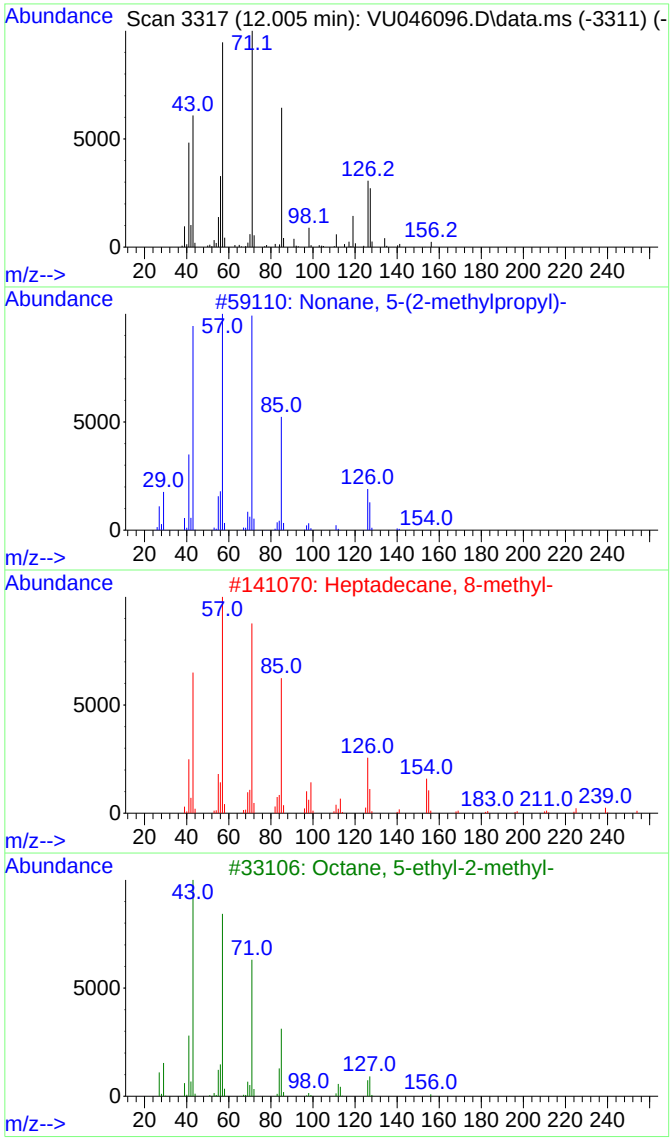
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

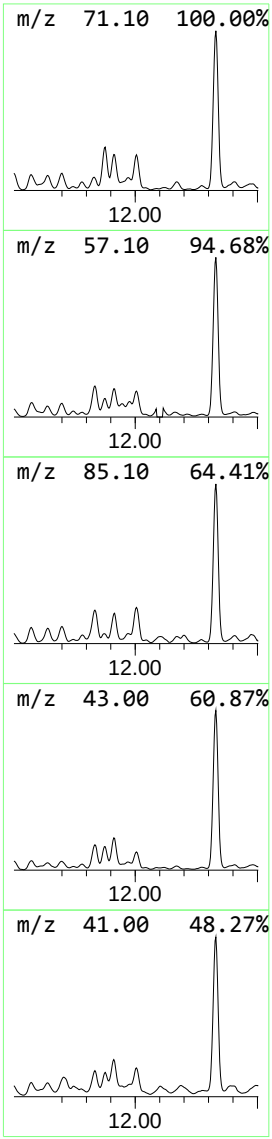
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	21.13 ug/L	406954	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

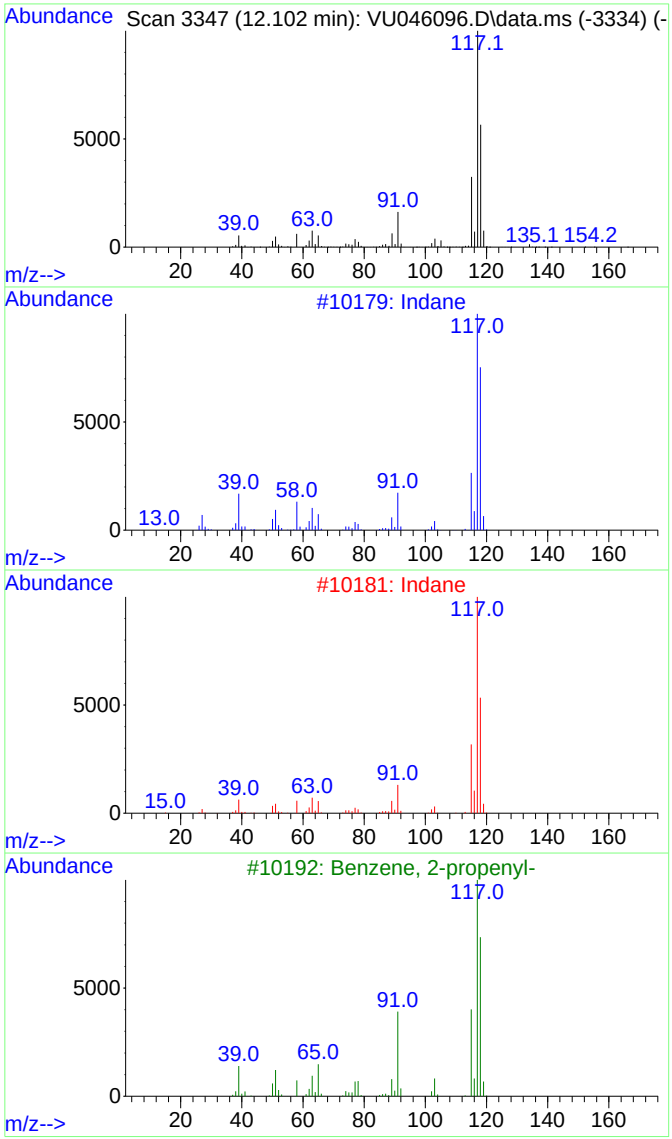
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

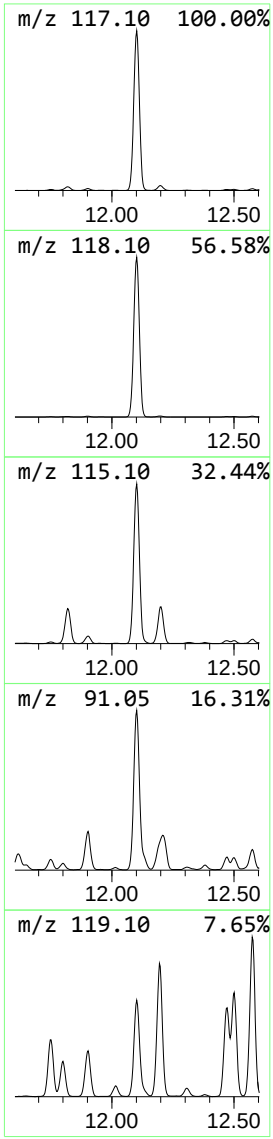
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	193.09 ug/L	3719120	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

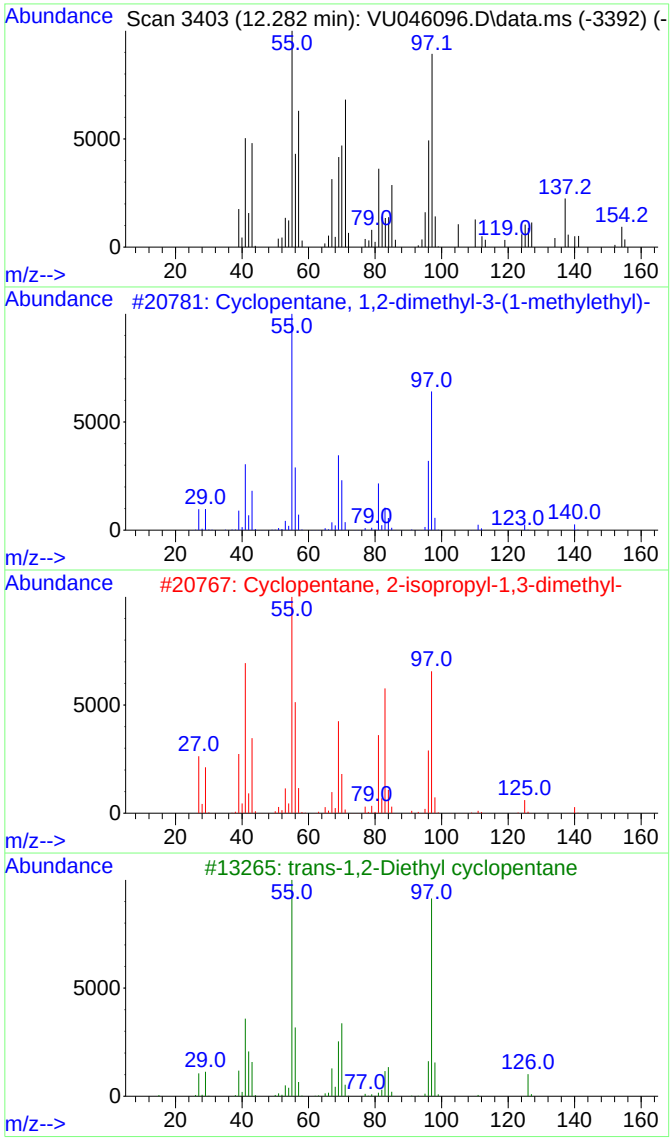
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

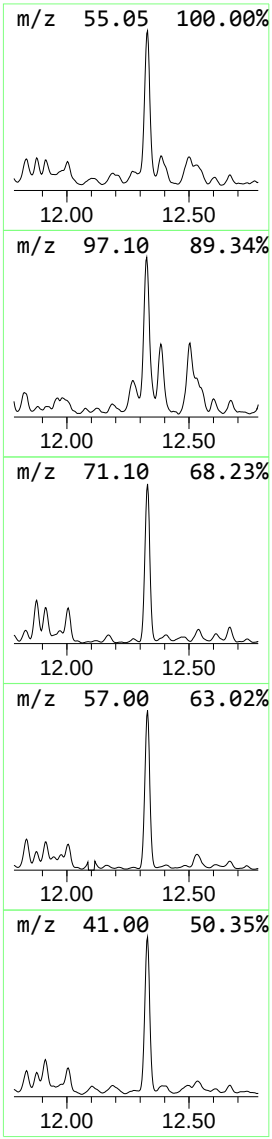
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic12.282 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.282	2.90 ug/L	55800	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	49
2	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	38
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	38
4	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	35
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

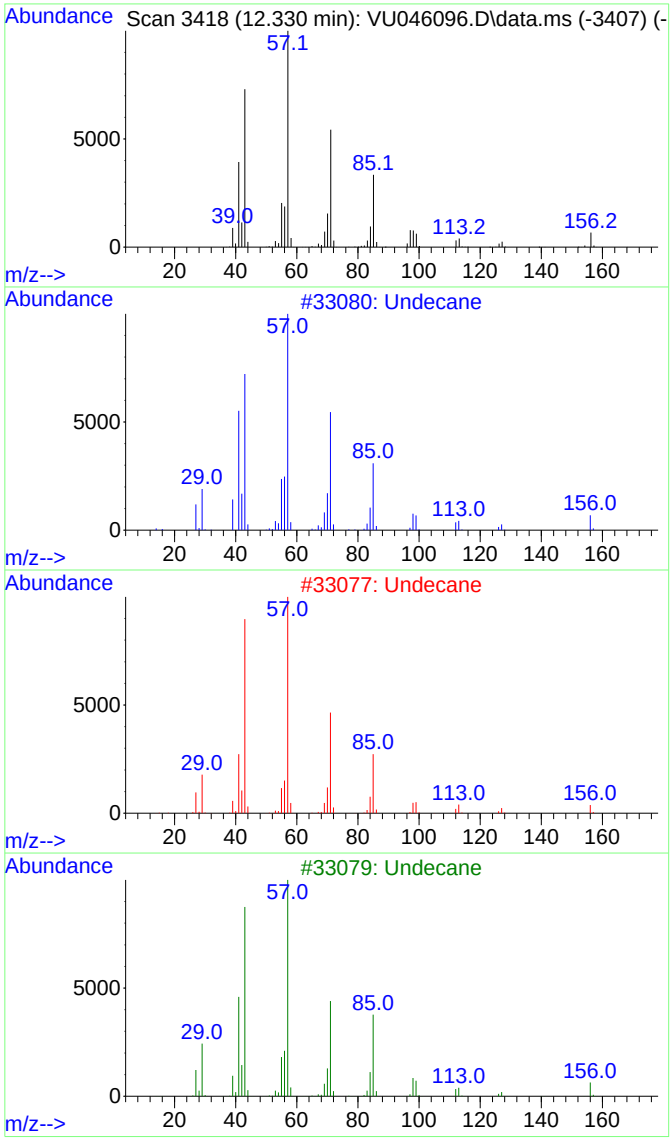
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

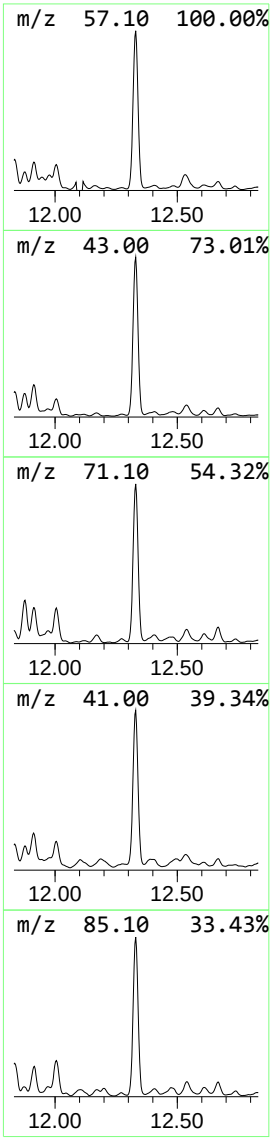
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	93.97 ug/L	1810010	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	93
4	Undecane	156	C11H24	001120-21-4	90
5	Hexadecane	226	C16H34	000544-76-3	86





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

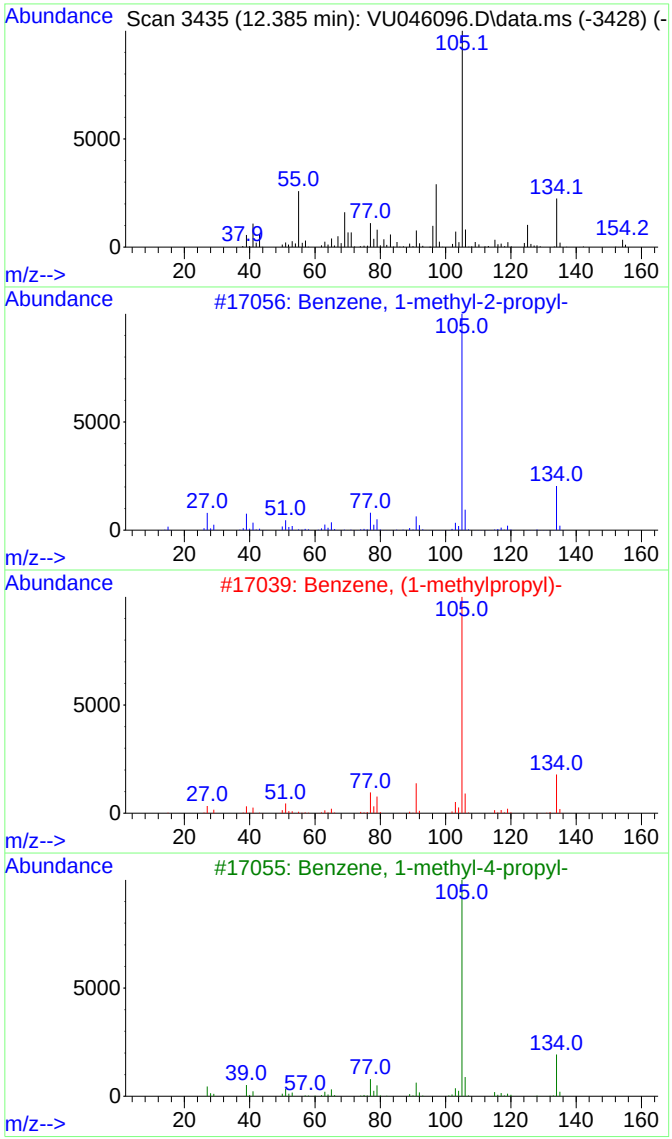
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

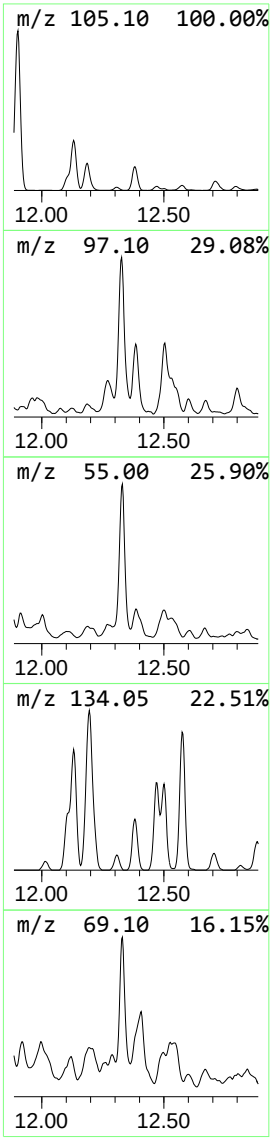
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-2-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	17.06 ug/L	328539	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

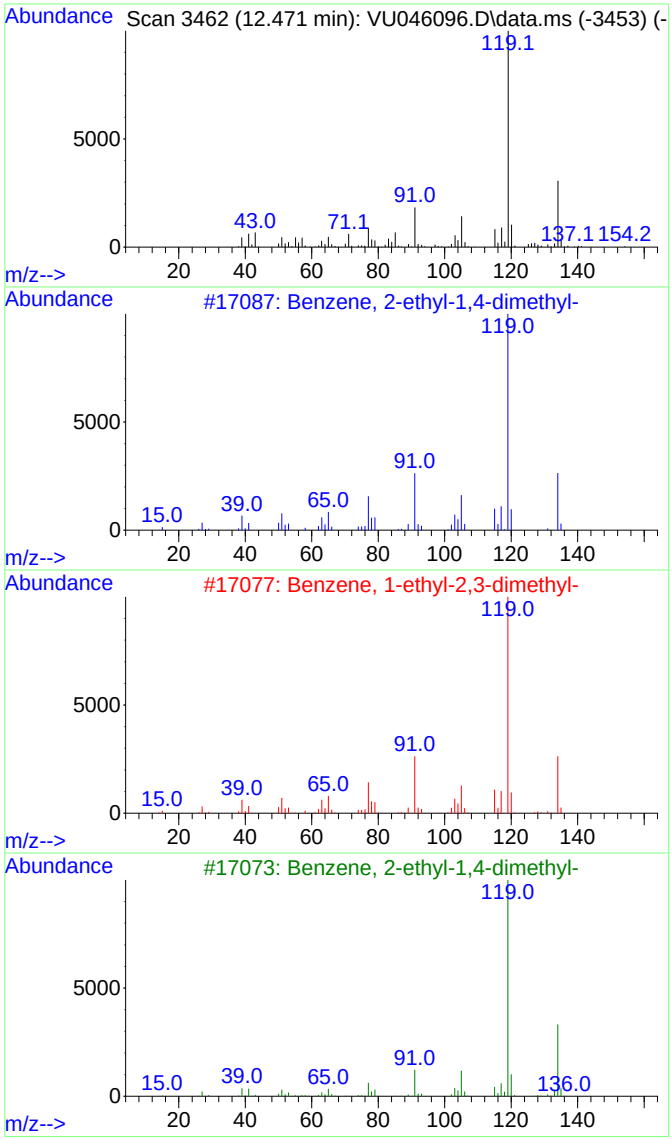
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

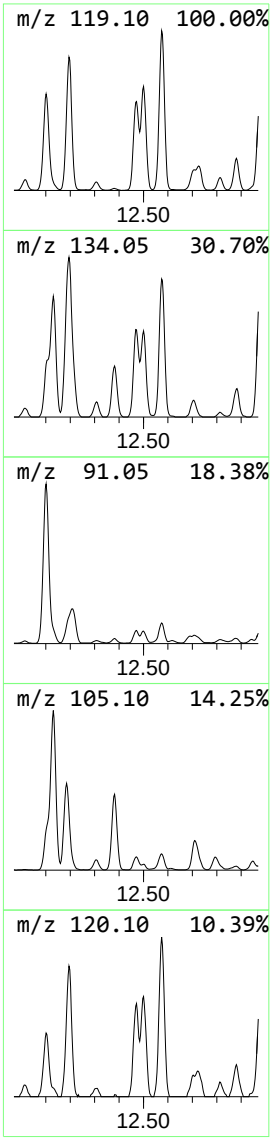
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	12.70 ug/L	244519	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

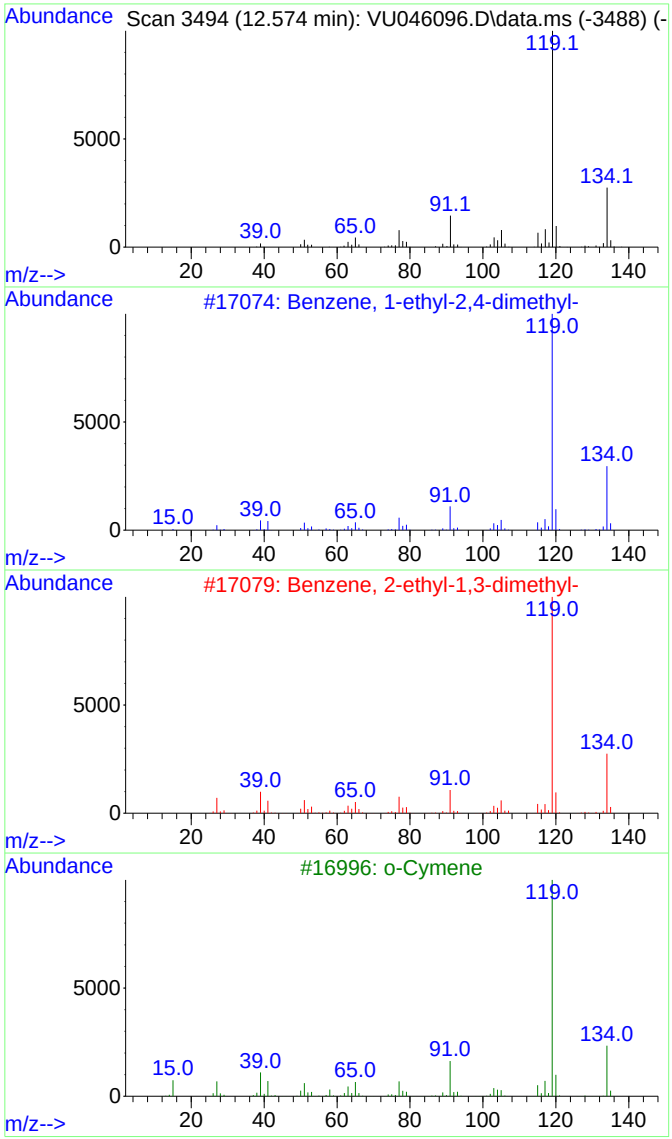
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

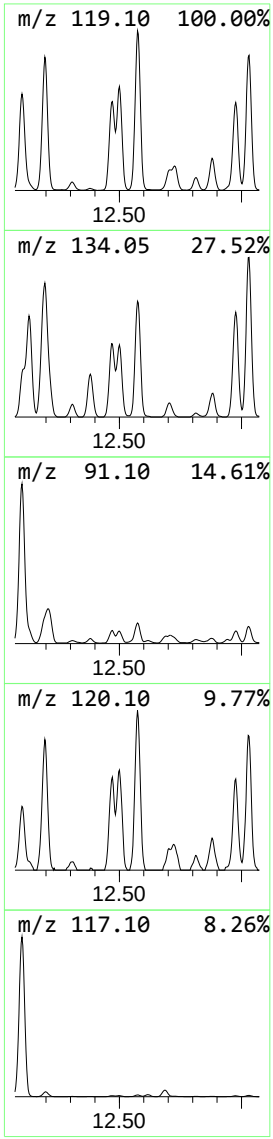
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	11.73 ug/L	225857	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

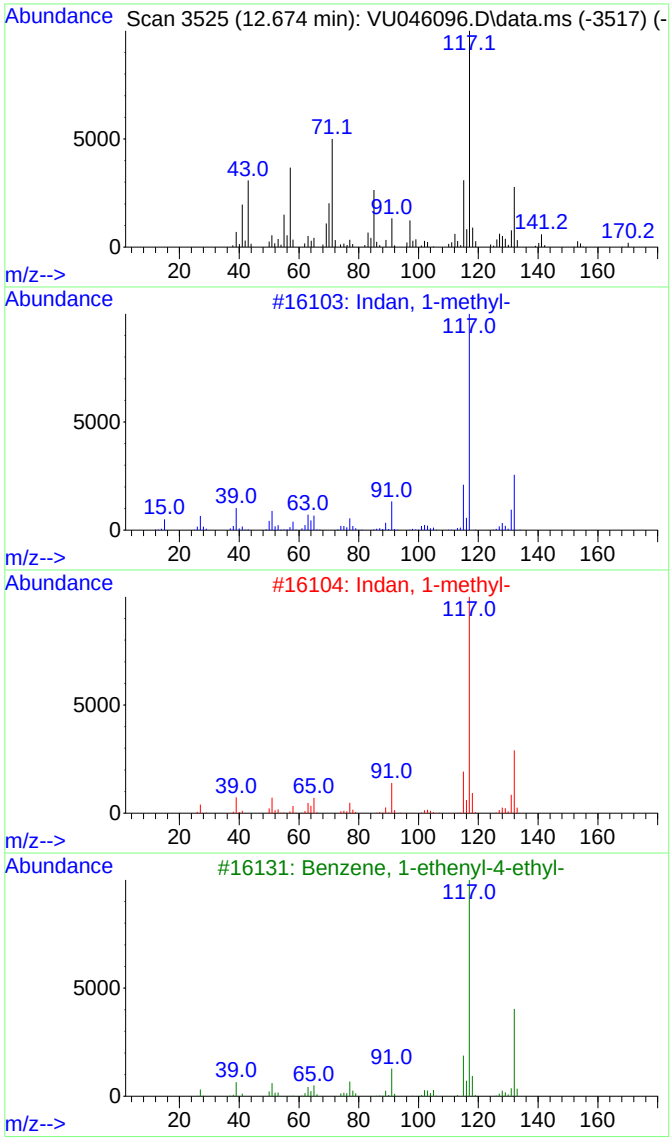
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

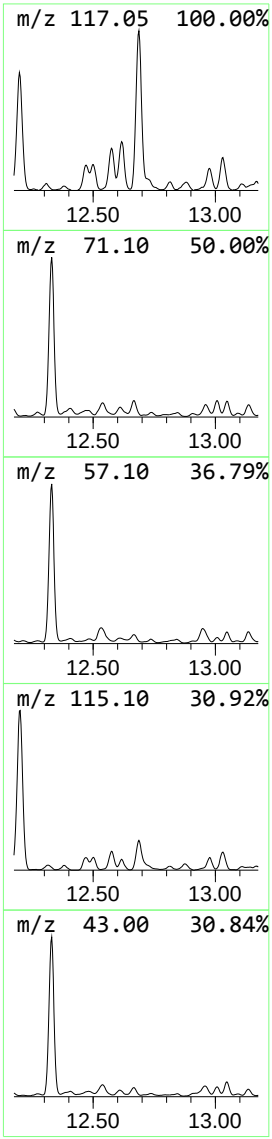
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Indan, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.674	8.77 ug/L	168834	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	50
2	Indan, 1-methyl-	132	C10H12	000767-58-8	50
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	49
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

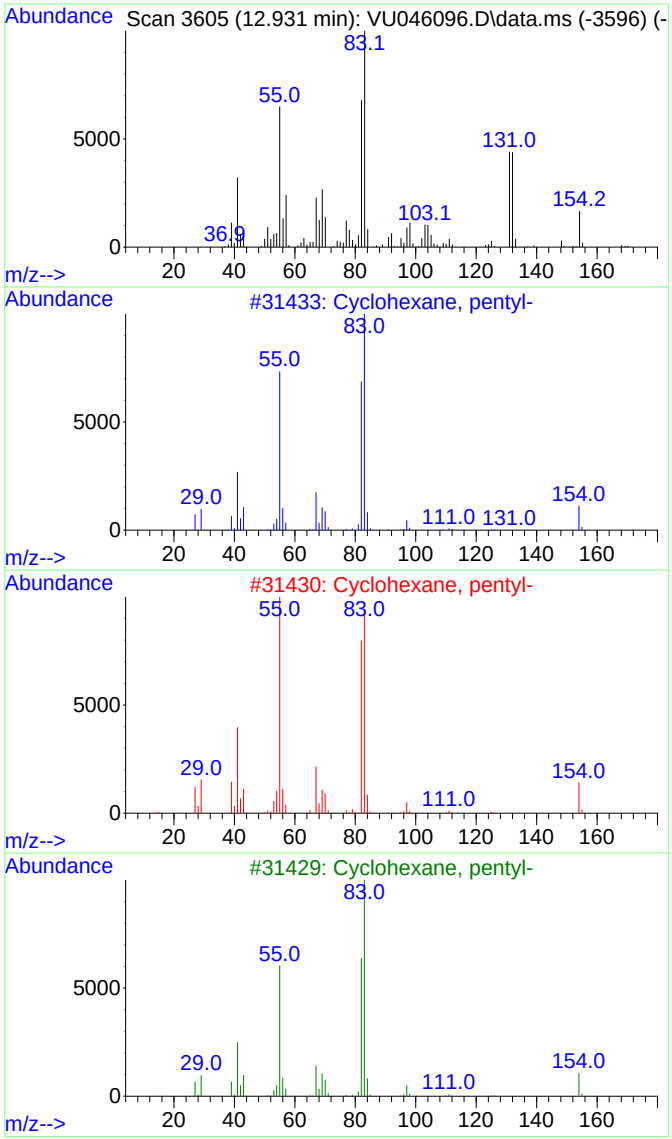
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

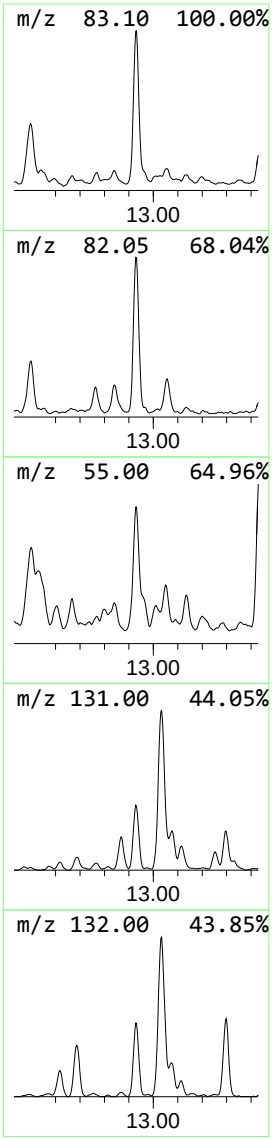
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic12.931 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.931	15.68 ug/L	301976	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	45
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

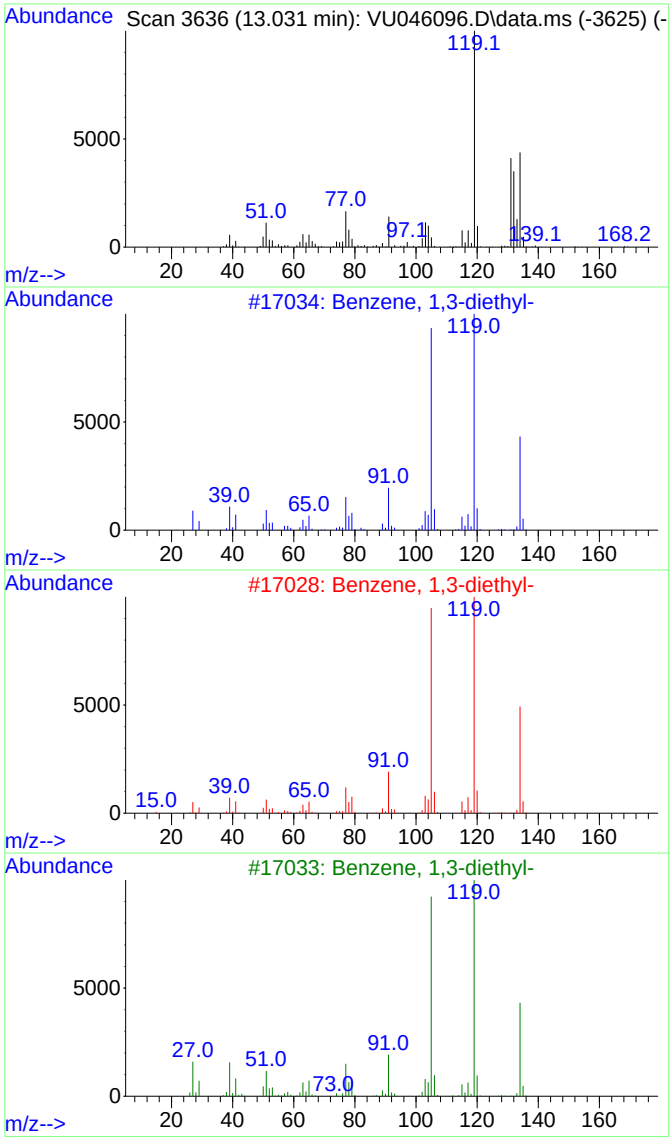
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

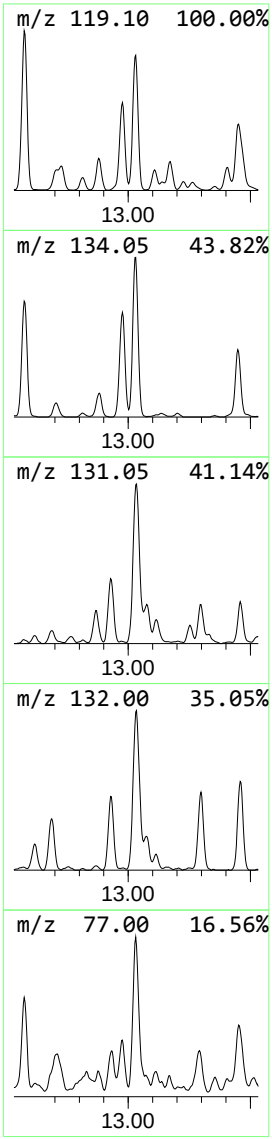
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	35.55 ug/L	684749	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

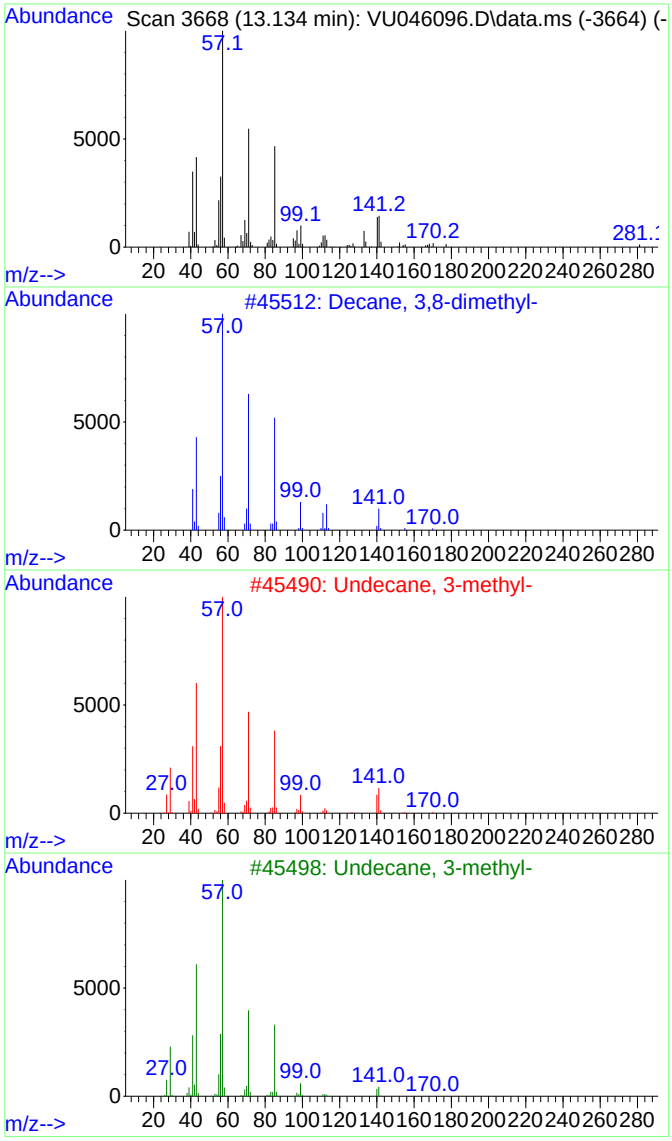
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

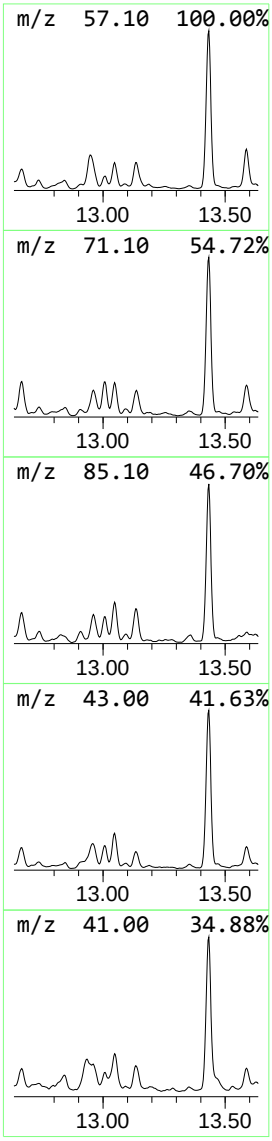
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.134	5.40 ug/L	104042	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	78
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	78
4	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	72
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

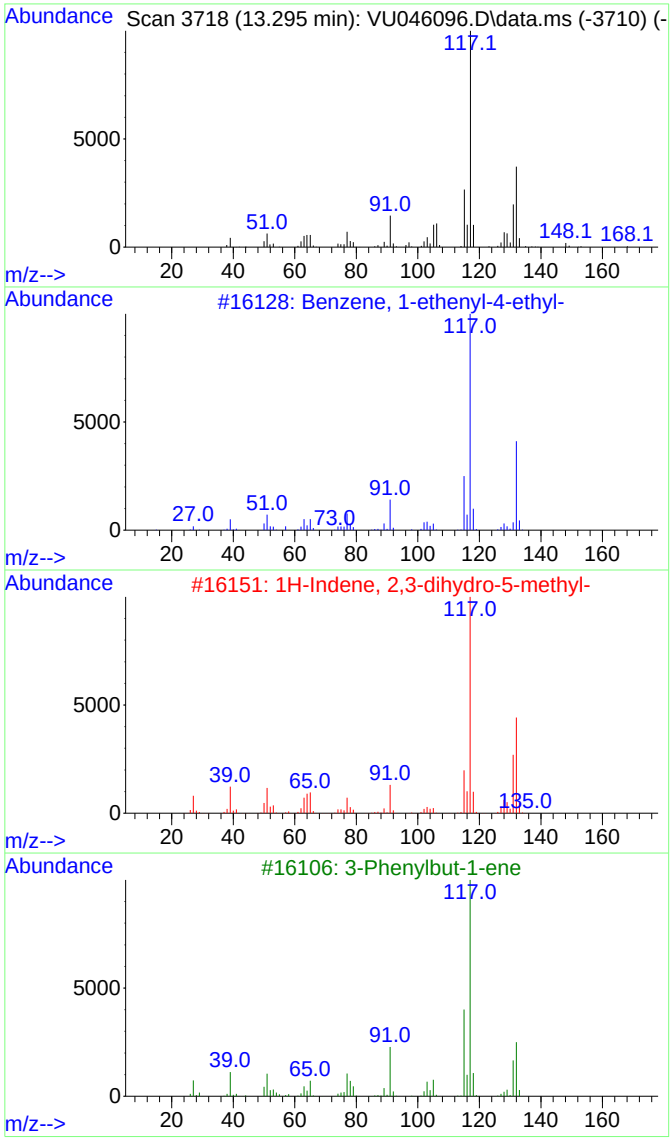
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

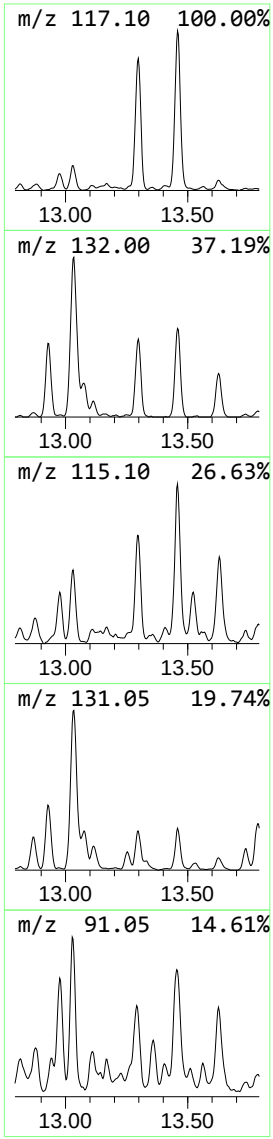
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.294	10.62 ug/L	204591	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

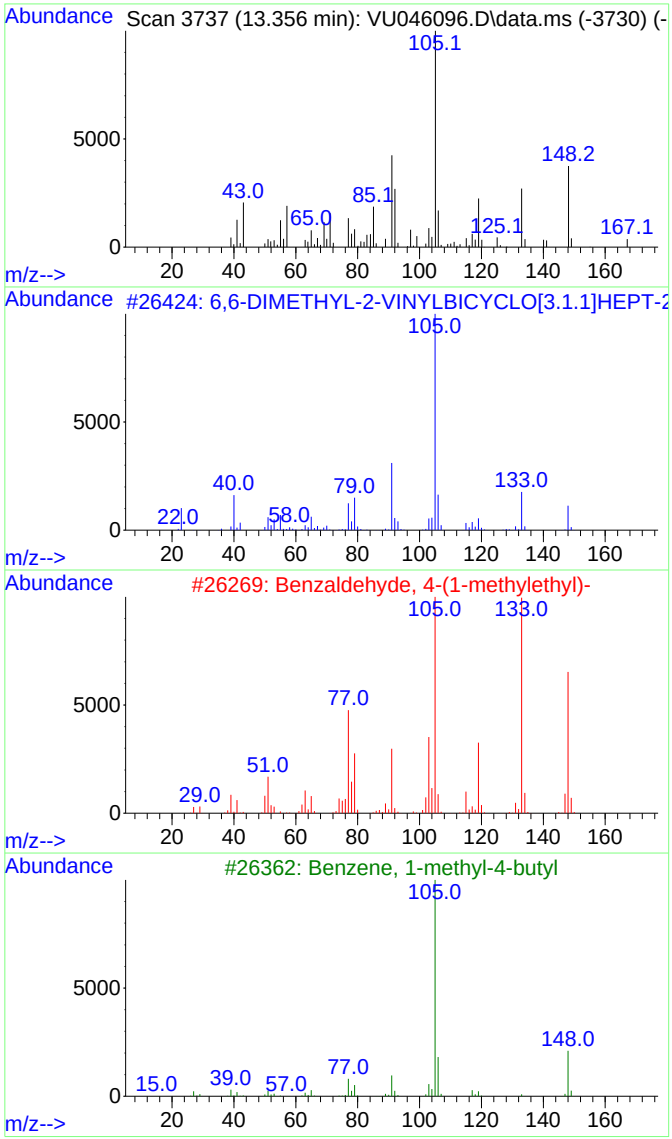
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

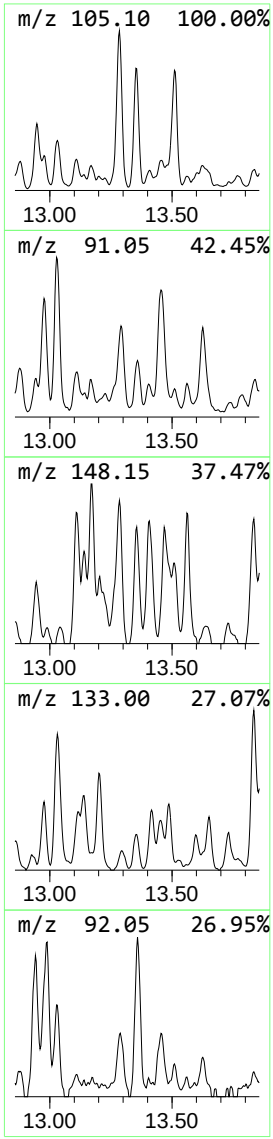
****

Peak Number 37 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.356	2.94 ug/L	56575	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-DIMETHYL-2-VINYLBICYCLO[3.1....	148	C11H16	000473-00-7	43
2	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	35
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	35
4	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	30
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

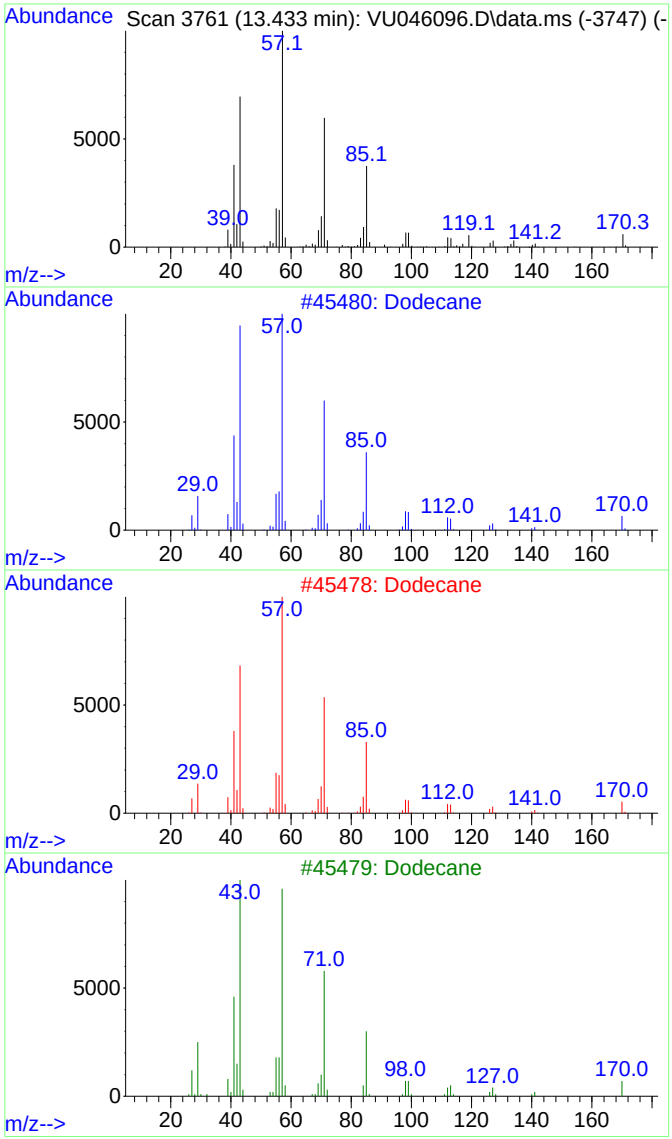
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

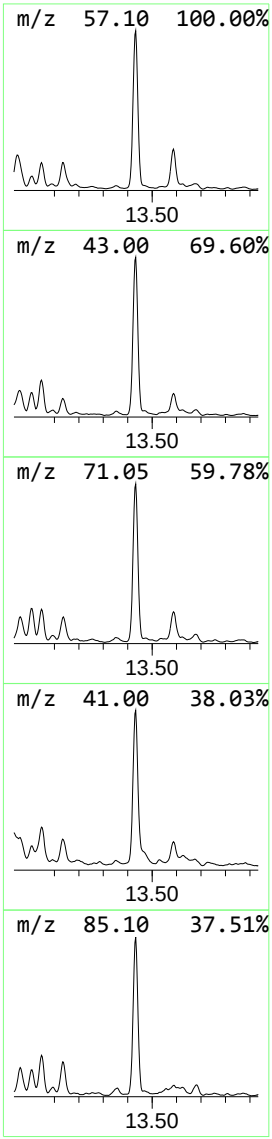
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	63.09 ug/L	1215150	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	96
3	Dodecane	170	C12H26	000112-40-3	94
4	Dodecane	170	C12H26	000112-40-3	93
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

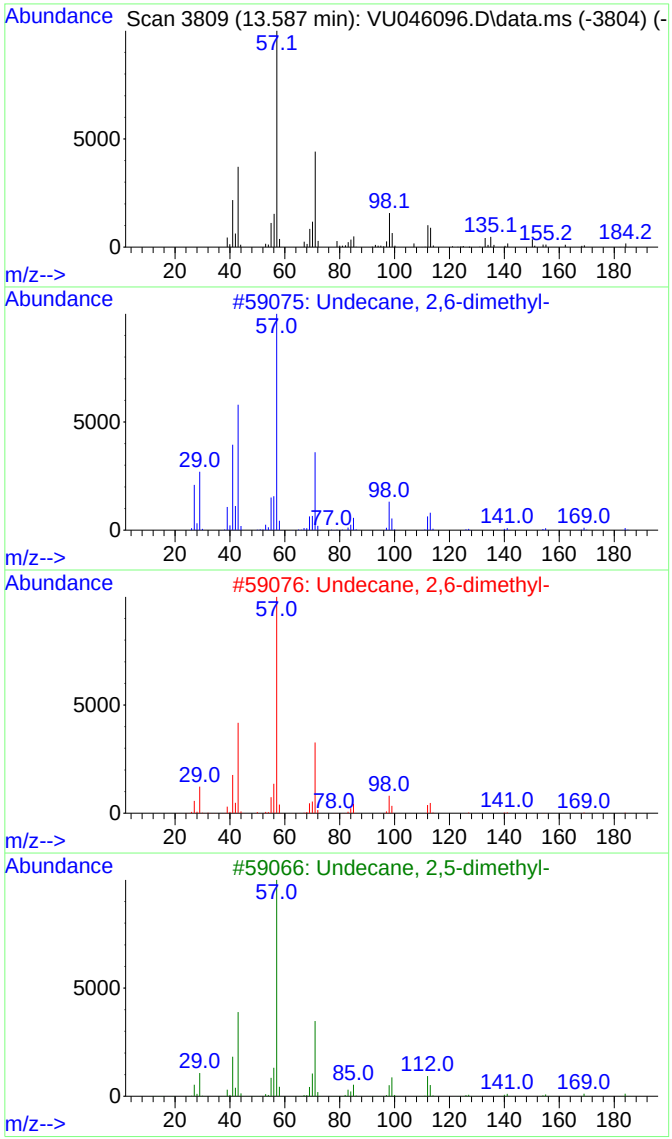
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

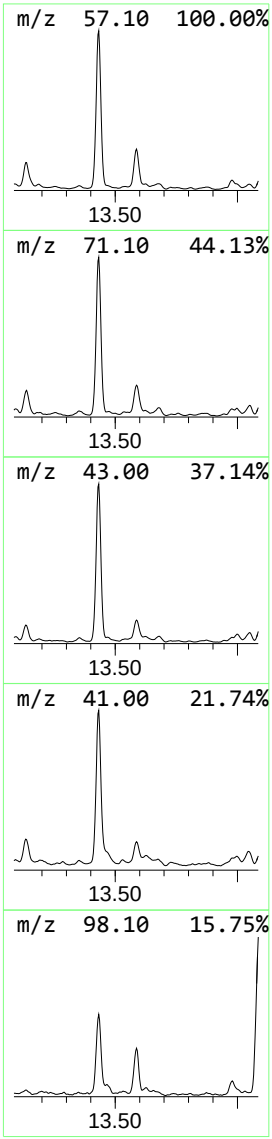
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	4.11 ug/L	79157	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

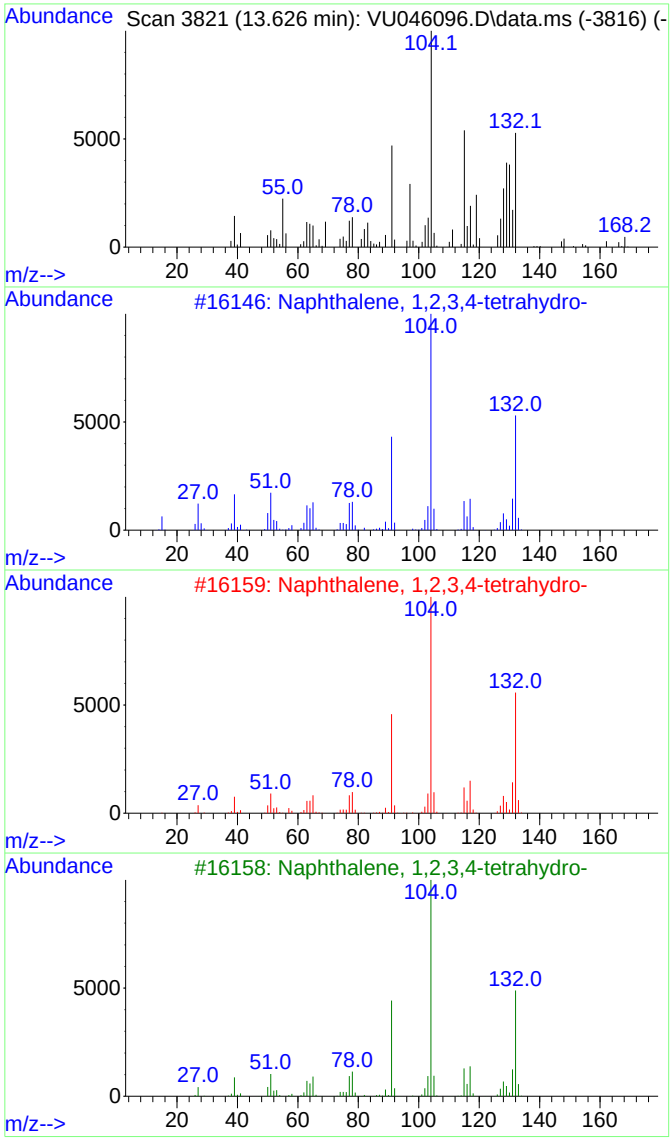
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

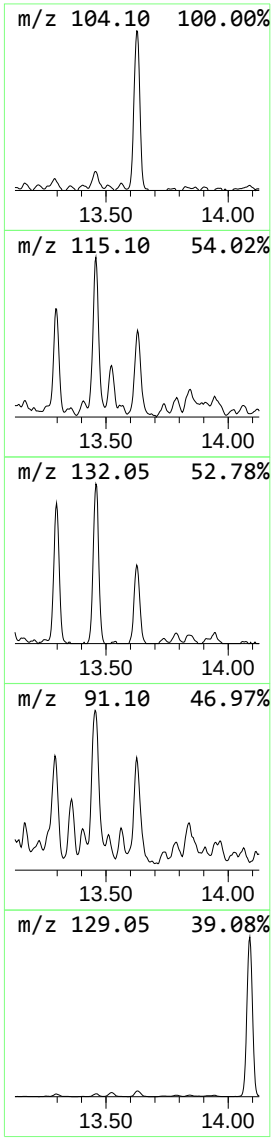
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	16.89 ug/L	325242	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	46
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	45





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

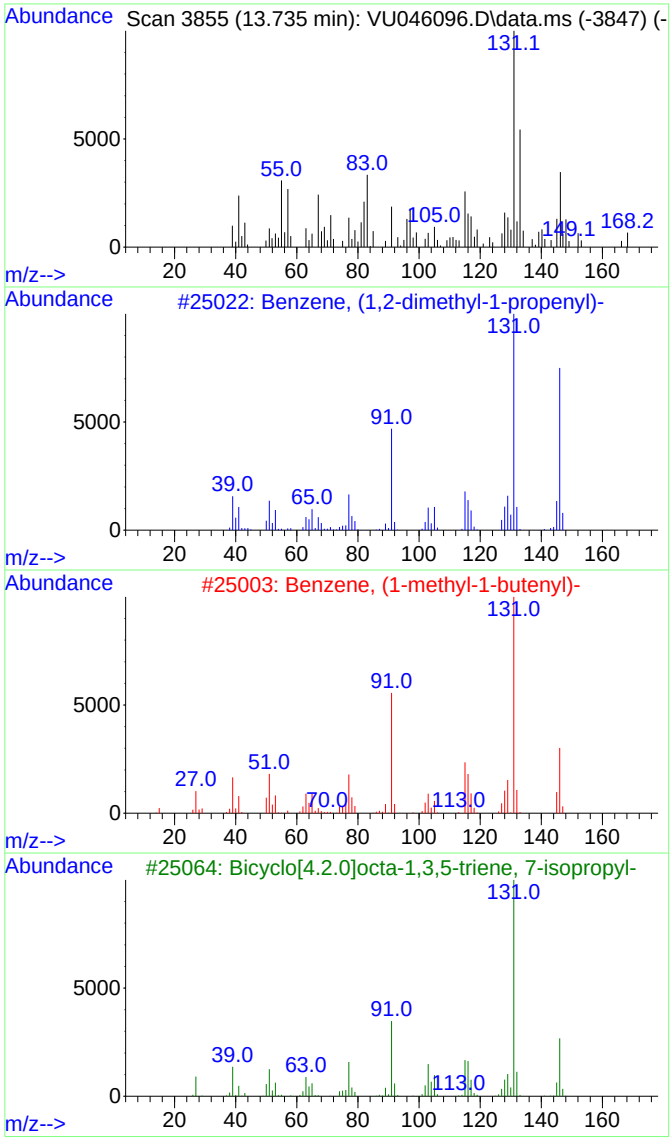
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

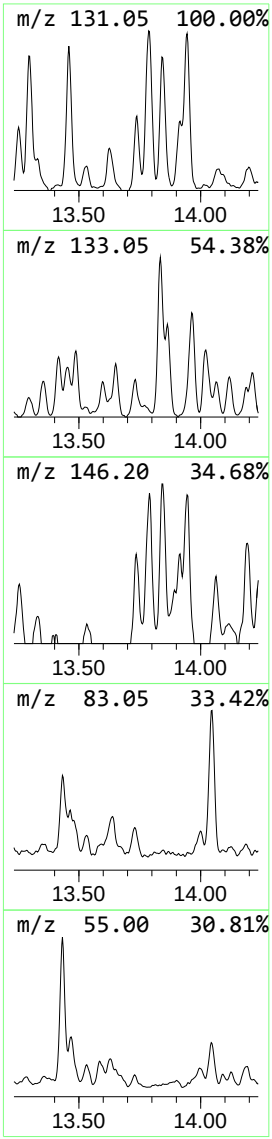
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.735	3.25 ug/L	62568	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





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Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

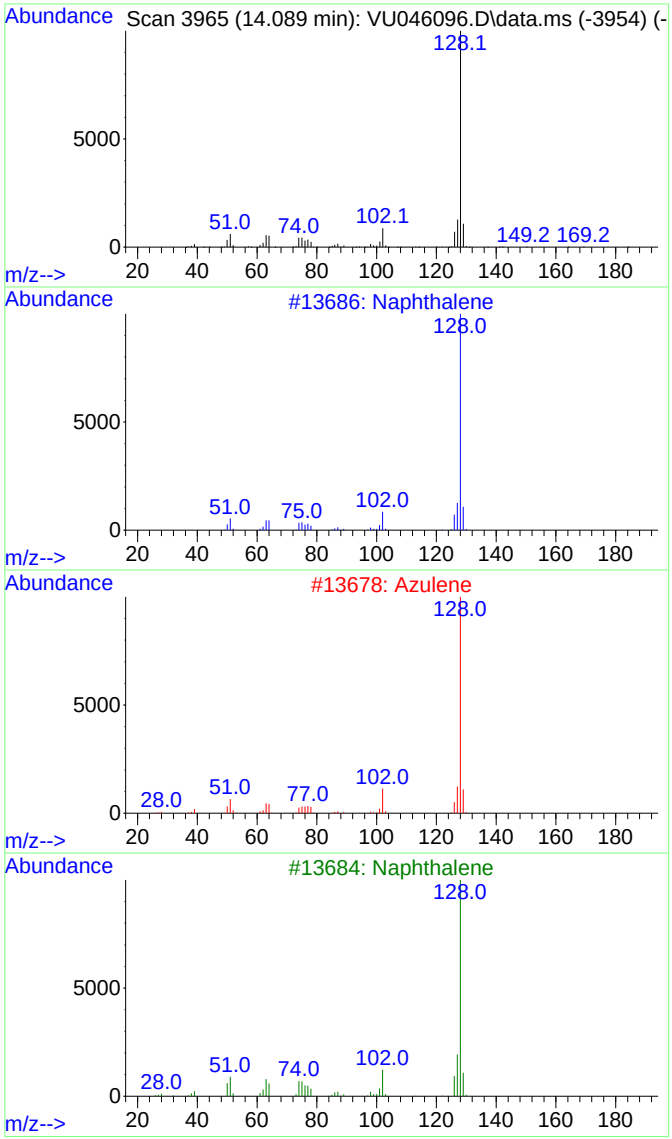
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

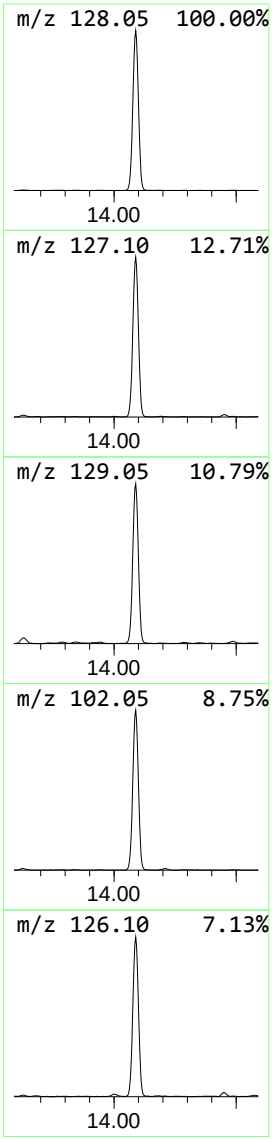
****

Peak Number 42 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	187.13 ug/L	3604260	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

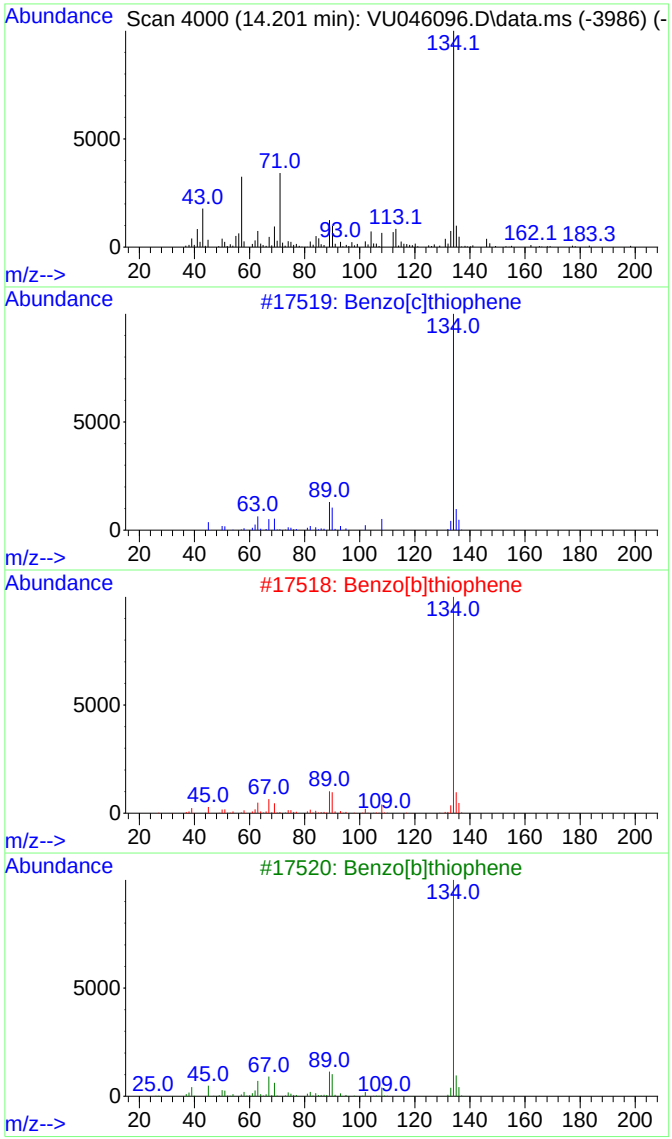
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

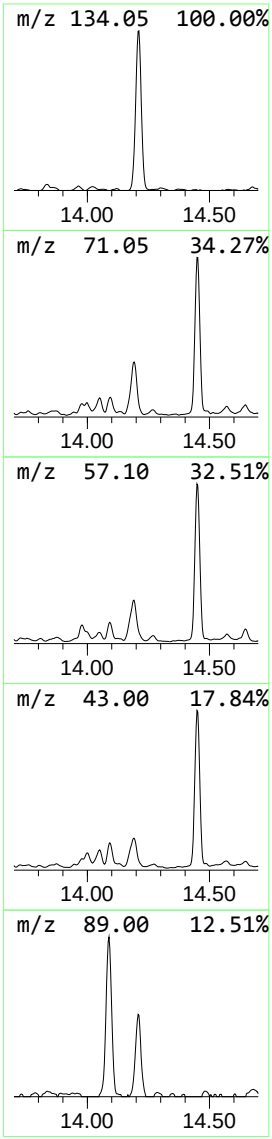
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzo[c]thiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	15.47 ug/L	297936	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	76
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	76
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

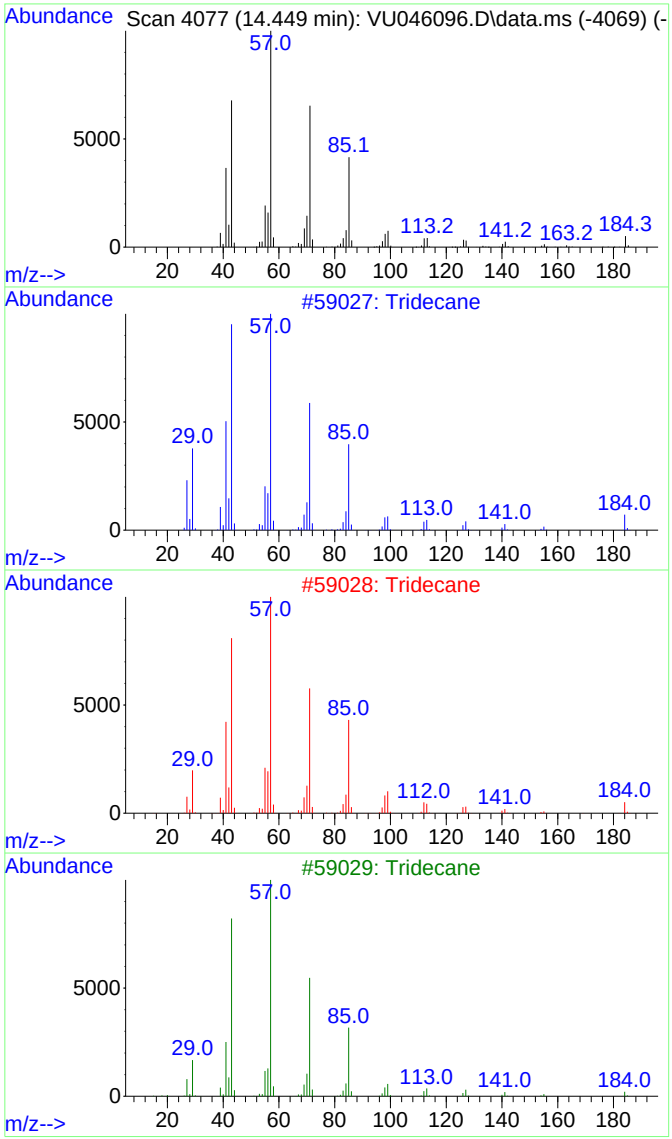
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

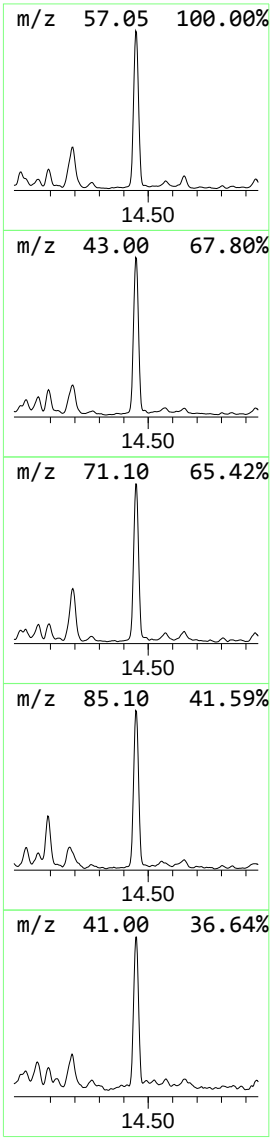
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.449	21.10 ug/L	406395	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tridecane	184	C13H28	000629-50-5	96
3	Tridecane	184	C13H28	000629-50-5	90
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

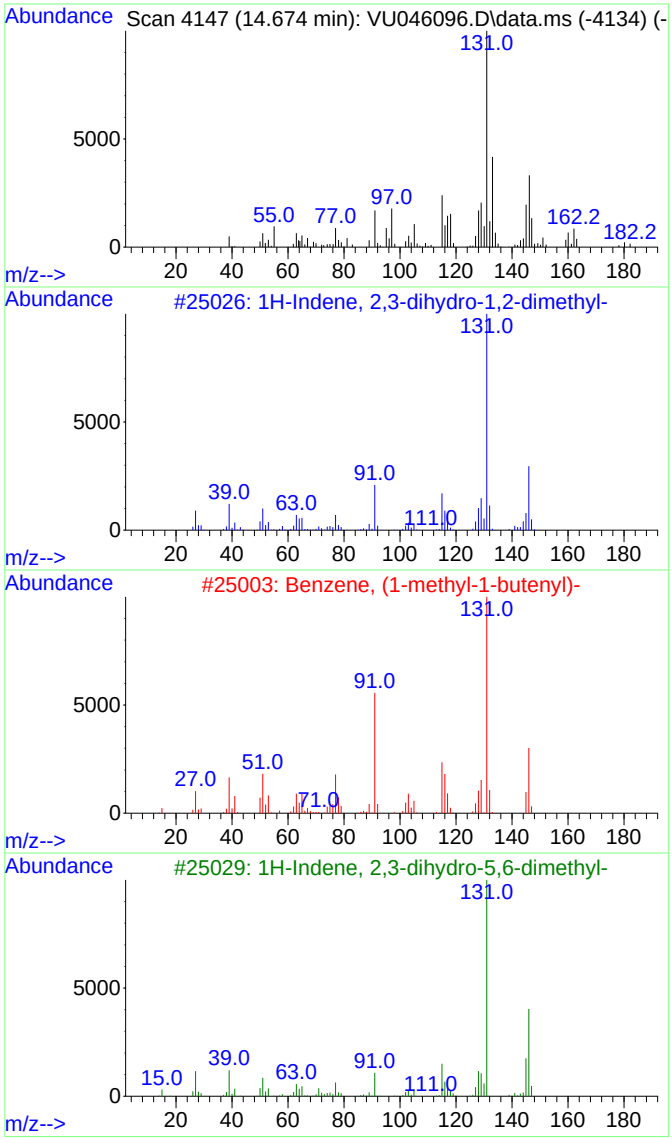
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

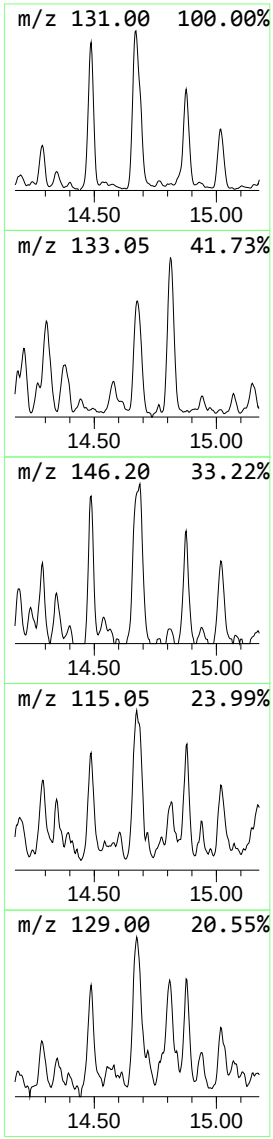
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	7.48 ug/L	144112	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	58
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

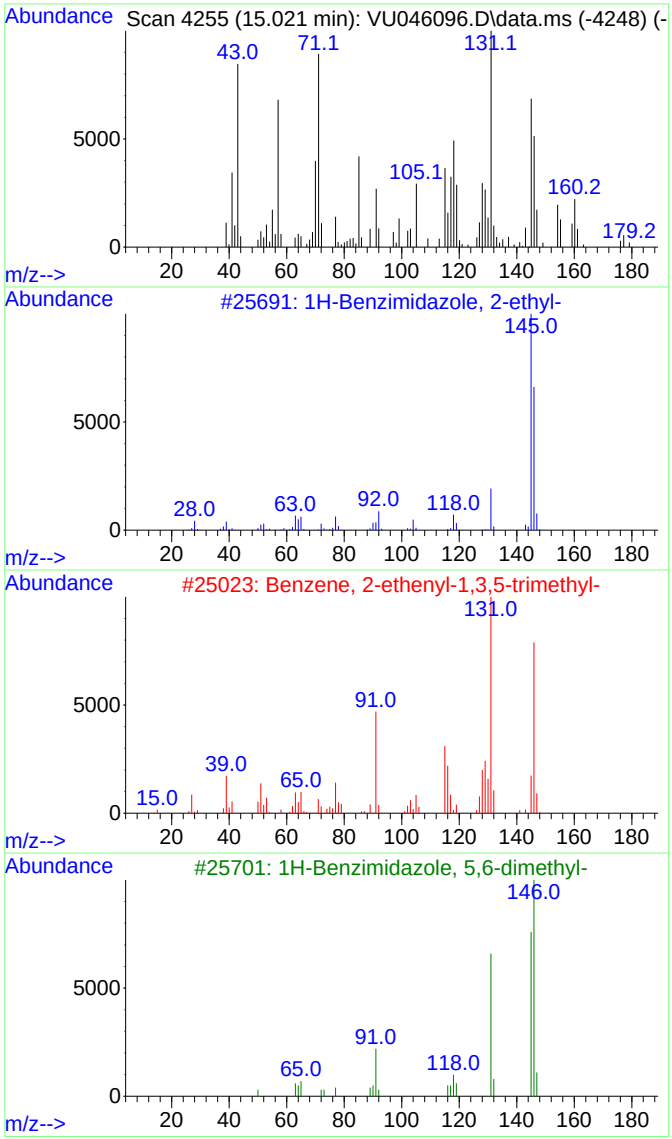
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

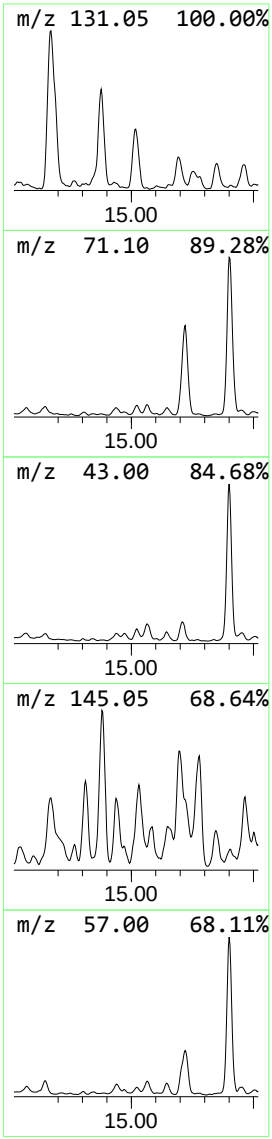
****

Peak Number 46 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	3.30 ug/L	63530	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	38
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	30
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	25
5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

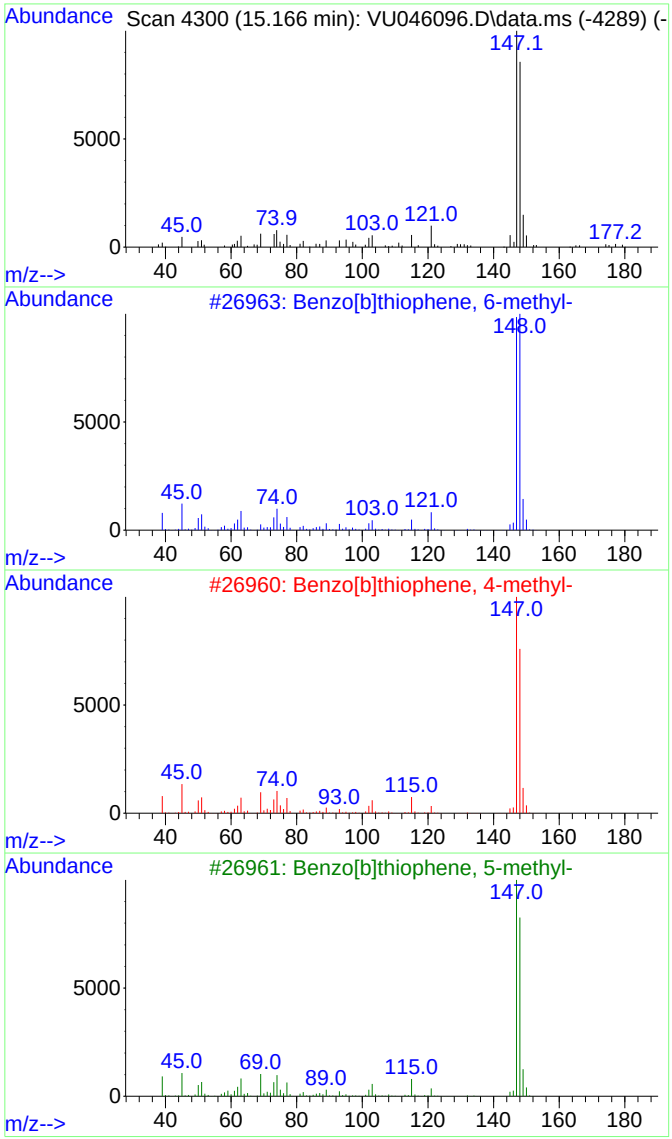
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

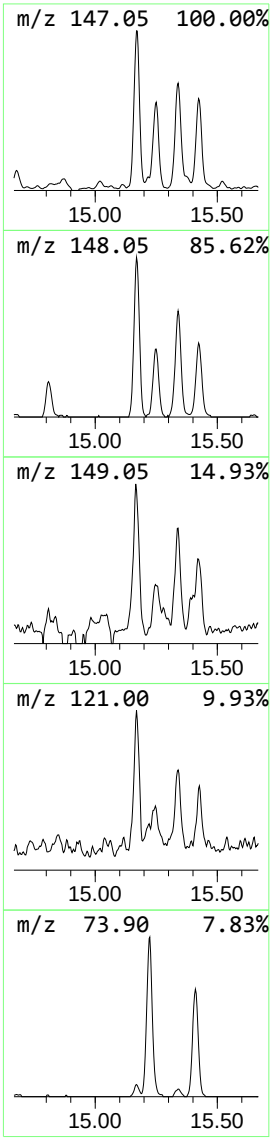
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzo[b]thiophene, 6-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.166	3.92 ug/L	75508	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

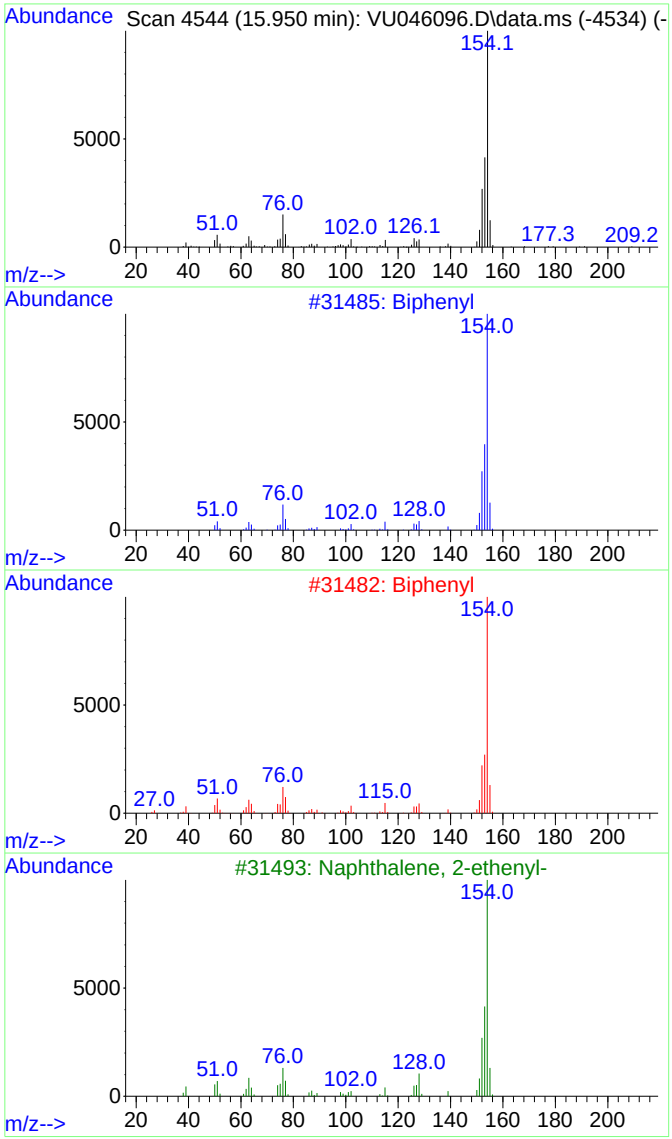
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

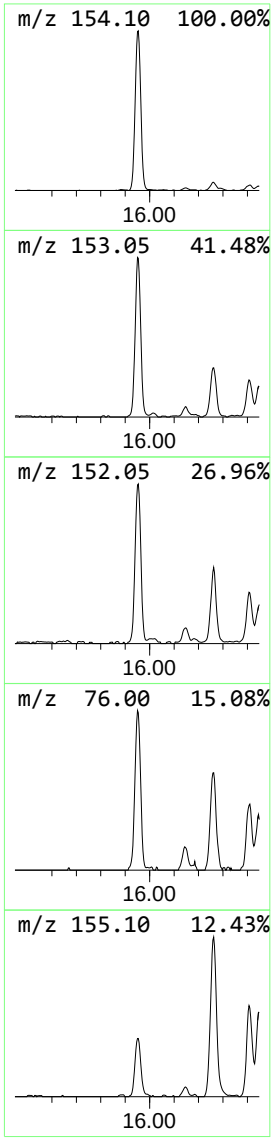
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Biphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.950	17.53 ug/L	337650	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	94
2	Biphenyl	154	C12H10	000092-52-4	92
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

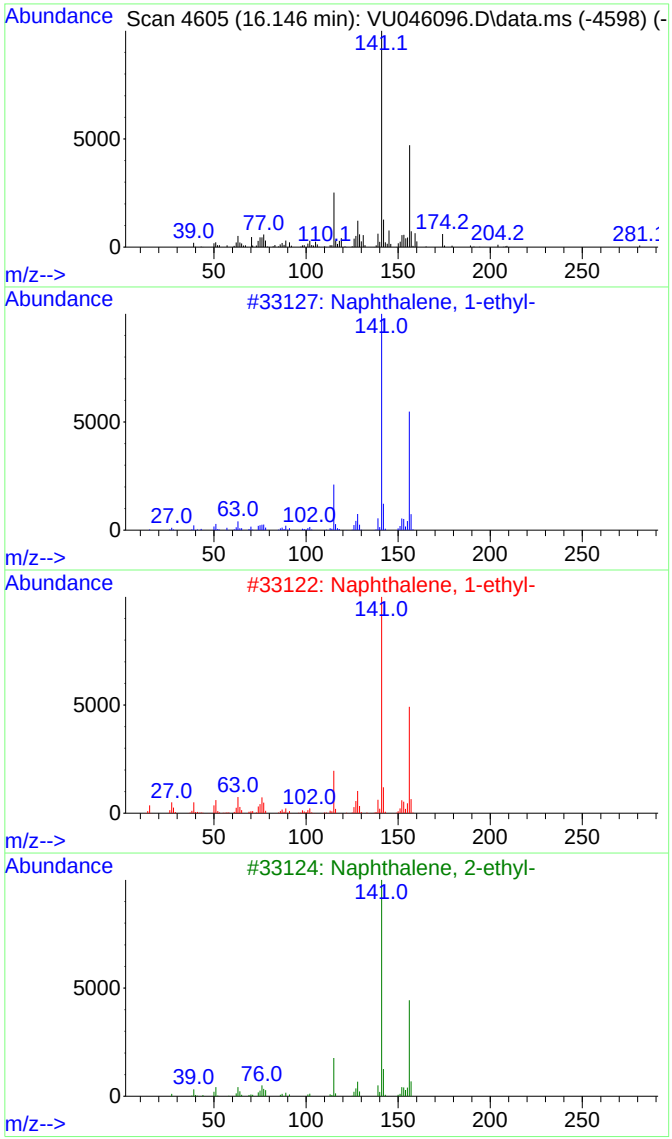
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

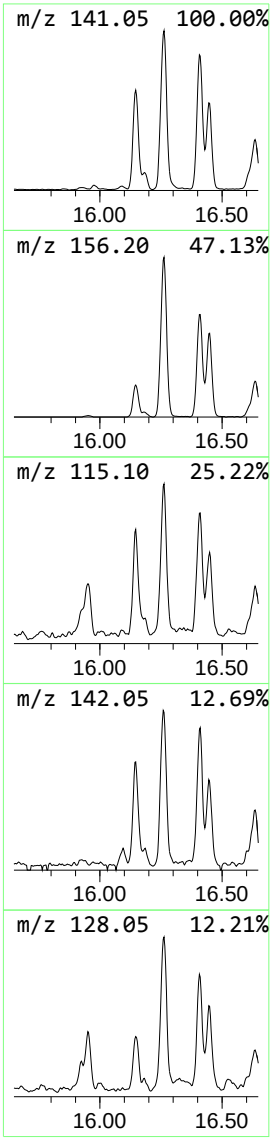
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Naphthalene, 1-ethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.147	5.41 ug/L	104154	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

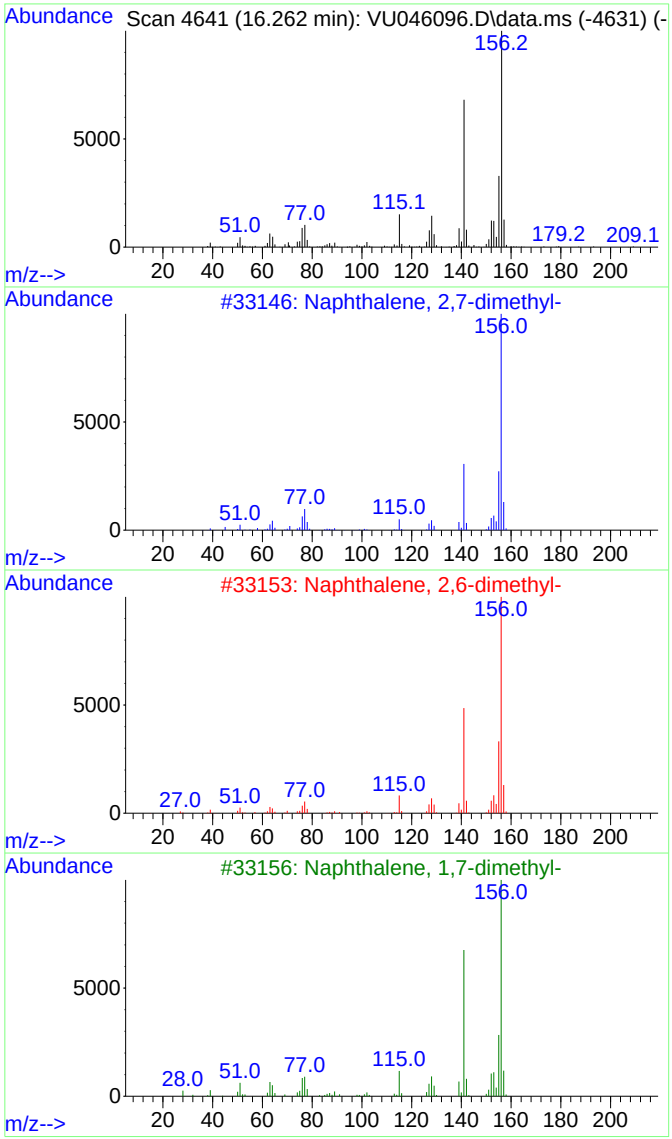
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

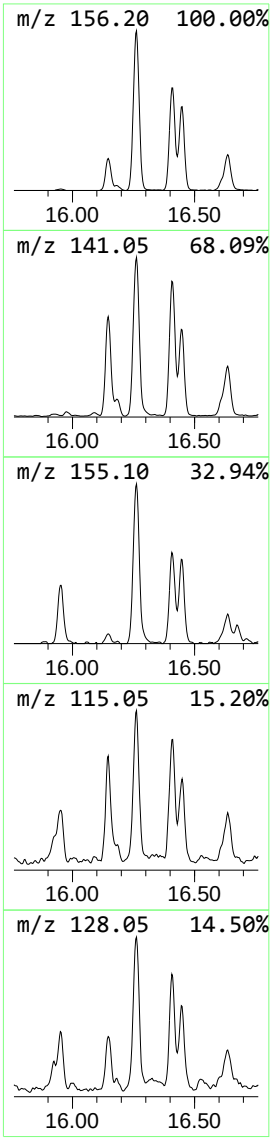
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Naphthalene, 2,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	16.12 ug/L	310519	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

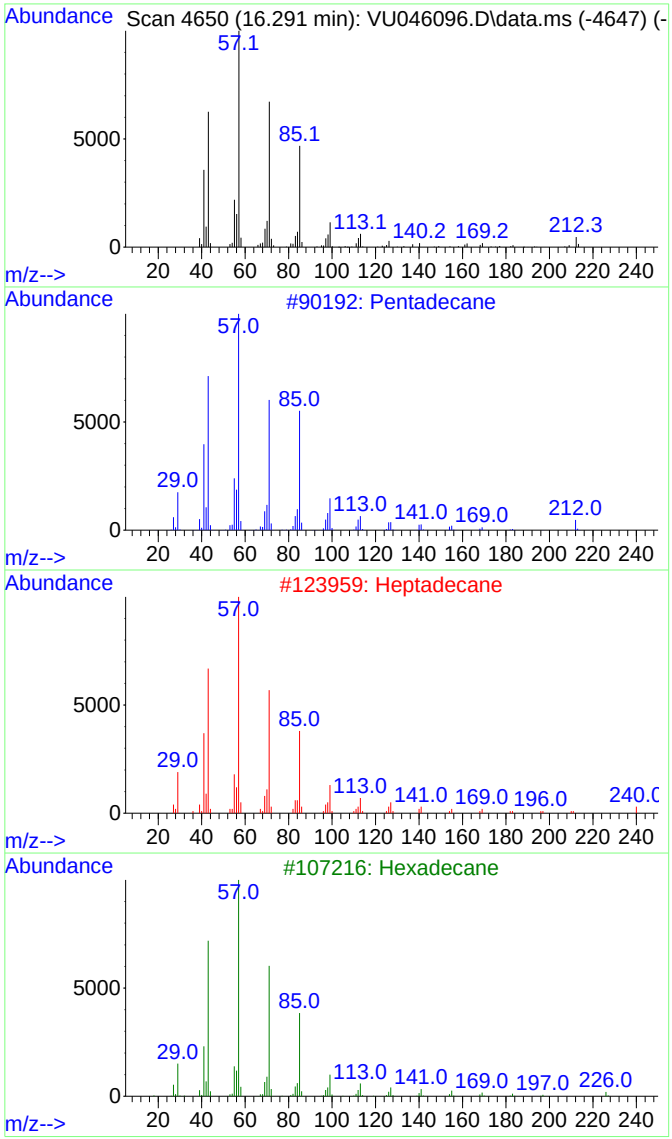
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

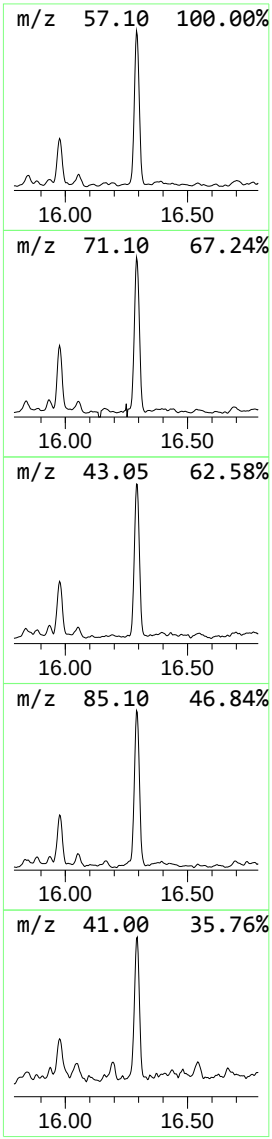
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	9.50 ug/L	183005	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

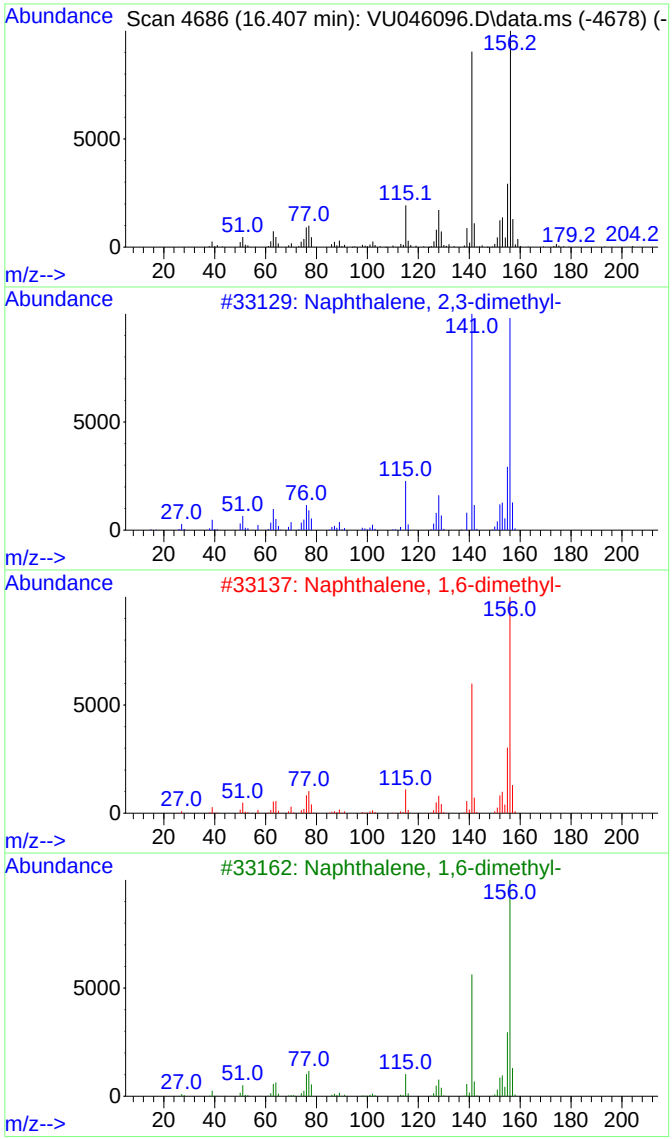
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

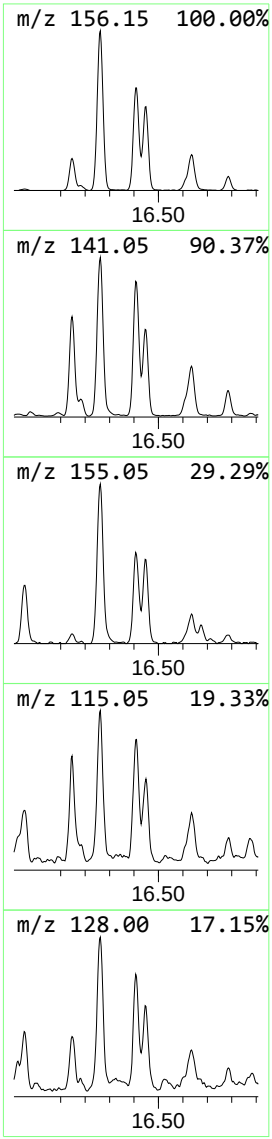
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Naphthalene, 2,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	11.07 ug/L	213229	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

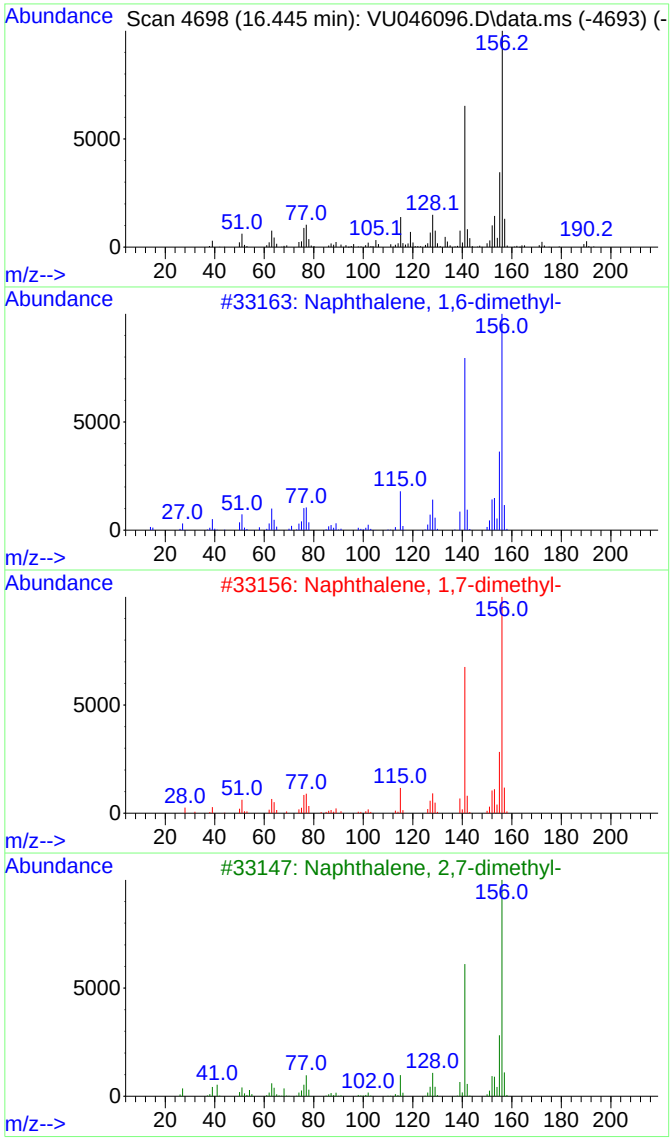
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

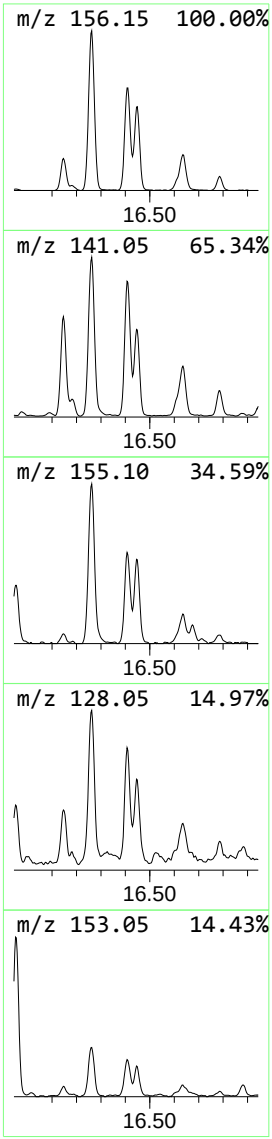
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Naphthalene, 1,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	9.78 ug/L	188361	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

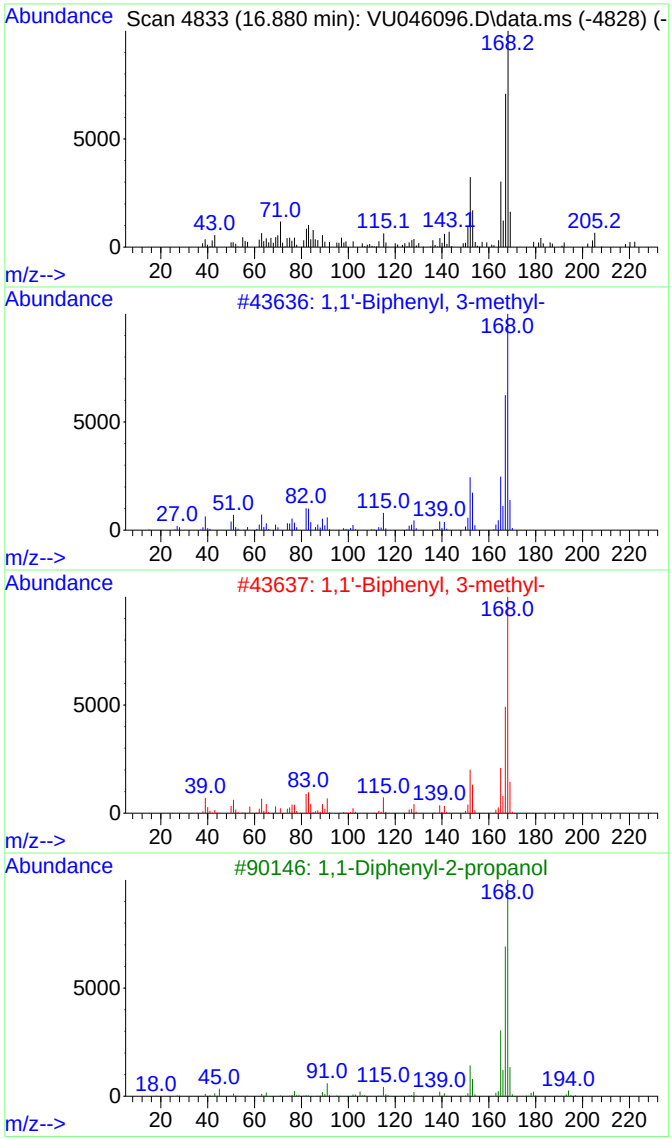
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

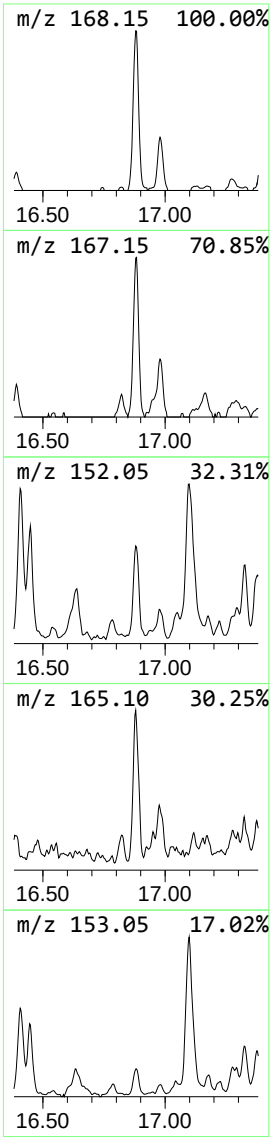
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 1,1'-Biphenyl, 3-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	3.54 ug/L	68164	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	91
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87
3	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	86
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

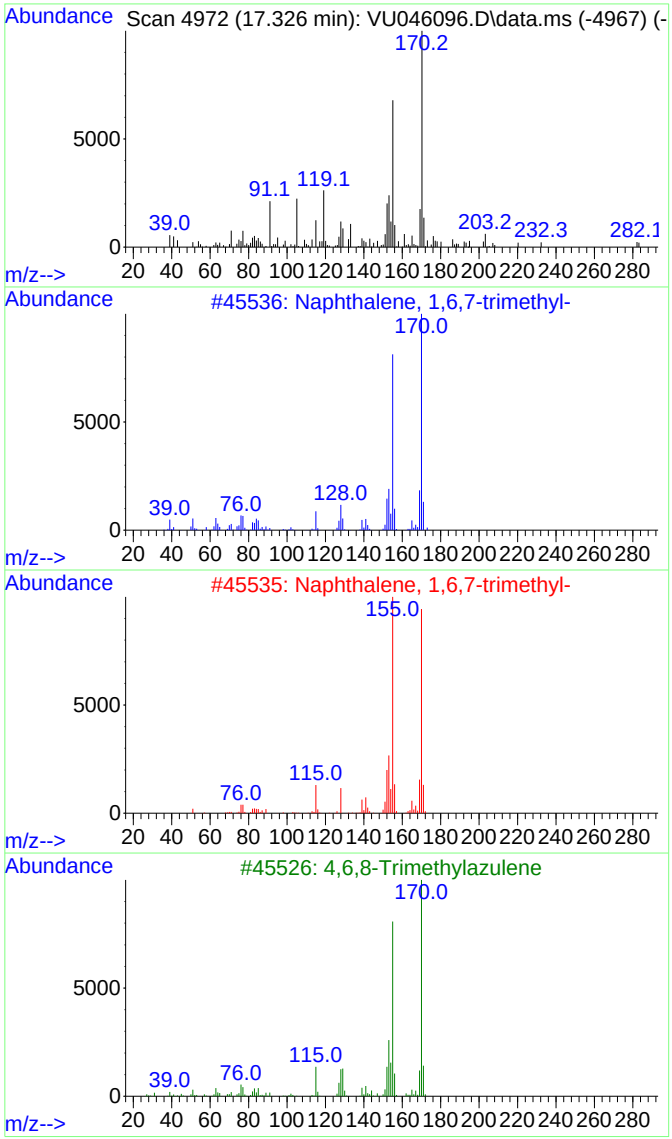
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

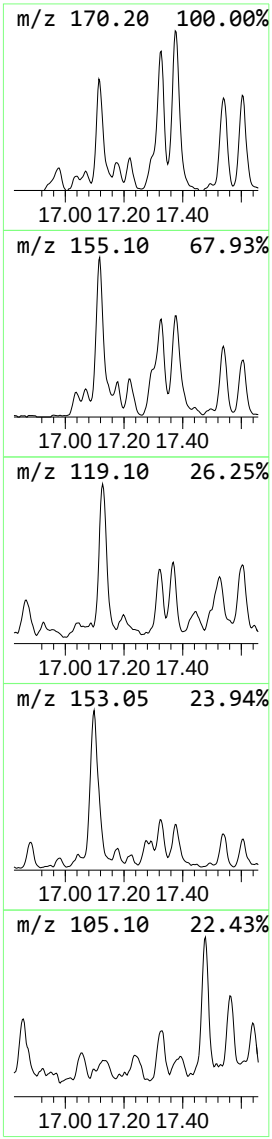
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Naphthalene, 1,6,7-trimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.326	3.10 ug/L	59625	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046096.D
Acq On : 04 Dec 2021 16:21
Operator : SY/MD
Sample : M4942-08
Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methanol, TMS d...	3.182	2.9	ug/L	33846	1	6.250	581652	50.0
(DEL) Alkane: S...	7.658	3.1	ug/L	36542	1	6.250	581652	50.0
(DEL) Alkane: S...	8.128	3.5	ug/L	51352	2	9.427	740920	50.0
(DEL) Alkane: C...	8.925	2.6	ug/L	38041	2	9.427	740920	50.0
(DEL) Alkane: C...	9.057	3.0	ug/L	44112	2	9.427	740920	50.0
(DEL) Alkane: S...	9.214	5.3	ug/L	78273	2	9.427	740920	50.0
(DEL) Alkane: S...	9.336	5.4	ug/L	79567	2	9.427	740920	50.0
(DEL) Alkane: S...	10.021	13.8	ug/L	204010	2	9.427	740920	50.0
(DEL) Alkane: S...	10.253	23.3	ug/L	344583	2	9.427	740920	50.0
(DEL) Alkane: C...	10.356	12.8	ug/L	188895	2	9.427	740920	50.0
(DEL) Alkane: S...	10.558	14.3	ug/L	211567	2	9.427	740920	50.0
(DEL) Alkane: S...	10.626	19.1	ug/L	368108	3	11.822	963039	50.0
(DEL) Alkane: S...	10.655	18.5	ug/L	356756	3	11.822	963039	50.0
Benzene, propyl-	10.912	34.3	ug/L	659927	3	11.822	963039	50.0
Benzene, 1-ethy...	11.005	121.9	ug/L	2347890	3	11.822	963039	50.0
Benzene, 1-ethy...	11.301	48.8	ug/L	940757	3	11.822	963039	50.0
(DEL) Alkane: S...	11.378	7.8	ug/L	149545	3	11.822	963039	50.0
(DEL) Alkane: S...	11.420	22.8	ug/L	438451	3	11.822	963039	50.0
(DEL) Alkane: S...	11.574	9.8	ug/L	188457	3	11.822	963039	50.0
Benzene, 1-meth...	11.645	9.4	ug/L	180788	3	11.822	963039	50.0
(DEL) Alkane: C...	11.709	16.1	ug/L	309743	3	11.822	963039	50.0
o-Cymene	11.751	7.9	ug/L	151407	3	11.822	963039	50.0
Benzene, 1-ethy...	11.902	79.3	ug/L	1526840	3	11.822	963039	50.0
(DEL) Alkane: S...	12.005	21.1	ug/L	406954	3	11.822	963039	50.0
Indane	12.102	193.1	ug/L	3719120	3	11.822	963039	50.0
(DEL) Alkane: C...	12.282	2.9	ug/L	55800	3	11.822	963039	50.0
(DEL) Alkane: S...	12.330	94.0	ug/L	1810010	3	11.822	963039	50.0
Benzene, 1-meth...	12.385	17.1	ug/L	328539	3	11.822	963039	50.0
Benzene, 2-ethy...	12.471	12.7	ug/L	244519	3	11.822	963039	50.0
Benzene, 1-ethy...	12.574	11.7	ug/L	225857	3	11.822	963039	50.0
Indan, 1-methyl-	12.674	8.8	ug/L	168834	3	11.822	963039	50.0
(DEL) Alkane: C...	12.931	15.7	ug/L	301976	3	11.822	963039	50.0
Benzene, 1,3-di...	13.031	35.5	ug/L	684749	3	11.822	963039	50.0
(DEL) Alkane: S...	13.134	5.4	ug/L	104042	3	11.822	963039	50.0
Benzene, 1-ethe...	13.294	10.6	ug/L	204591	3	11.822	963039	50.0
unknown-01	13.356	2.9	ug/L	56575	3	11.822	963039	50.0
(DEL) Alkane: S...	13.433	63.1	ug/L	1215150	3	11.822	963039	50.0
(DEL) Alkane: S...	13.587	4.1	ug/L	79157	3	11.822	963039	50.0
Naphthalene, 1,...	13.626	16.9	ug/L	325242	3	11.822	963039	50.0
Benzene, (1,2-d...	13.735	3.3	ug/L	62568	3	11.822	963039	50.0
Azulene	14.089	187.1	ug/L	3604260	3	11.822	963039	50.0
Benzo[c]thiophene	14.201	15.5	ug/L	297936	3	11.822	963039	50.0
(DEL) Alkane: S...	14.449	21.1	ug/L	406395	3	11.822	963039	50.0
1H-Indene, 2,3-...	14.674	7.5	ug/L	144112	3	11.822	963039	50.0
unknown-02	15.021	3.3	ug/L	63530	3	11.822	963039	50.0
Benzo[b]thiophe...	15.166	3.9	ug/L	75508	3	11.822	963039	50.0
Biphenyl	15.950	17.5	ug/L	337650	3	11.822	963039	50.0
Naphthalene, 1-...	16.147	5.4	ug/L	104154	3	11.822	963039	50.0
Naphthalene, 2,...	16.262	16.1	ug/L	310519	3	11.822	963039	50.0
(DEL) Alkane: S...	16.291	9.5	ug/L	183005	3	11.822	963039	50.0
Naphthalene, 2,...	16.407	11.1	ug/L	213229	3	11.822	963039	50.0
Naphthalene, 1,...	16.445	9.8	ug/L	188361	3	11.822	963039	50.0

1,1'-Biphenyl, ...	16.880	3.5	ug/L	68164	3	11.822	963039	50.0
Naphthalene, 1,...	17.326	3.1	ug/L	59625	3	11.822	963039	50.0

Instrument :
MSVOA_U
ClientSampleId :
BGKR0