LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

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: VU045108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.533	357	371	388	rBV	351240	637358	3.11%	0.131%
2	3.051	508	532	545	rBV	298428	651416	3.18%	0.134%
3	3.674	705	726	753	rBV	858378	1915284	9.36%	0.393%
4	4.514	970	987	1006	rVV	498220	1208872	5.91%	0.248%
5	4.649	1007	1029	1095	rVB	150795	701728	3.43%	0.144%
6	5.067	1142	1159	1180	rBV	336820	916791	4.48%	0.188%
7	5.366	1234	1252	1268	rBV4	1066506	2917649	14.26%	0.599%
8	5.452	1268	1279	1301	rVB2	293662	762038	3.72%	0.156%
9	5.584	1301	1320	1346	rBV	1187823	2960349	14.47%	0.608%
10	5.723	1346	1363	1384	rVB2	819858	2057465	10.05%	0.422%
11	5.841	1386	1400	1412	rBV	721729	1521387	7.43%	0.312%
12	5.915	1412	1423	1432	rBV	513294	971753	4.75%	0.199%
13	5.983	1432	1444	1472	rVB	1141344	2514698	12.29%	0.516%
14	6.131	1472	1490	1515	rBV	4739187	8924123	43.61%	1.832%
15	6.697	1651	1666	1669	rBV2	471616	827236	4.04%	0.170%
16	6.758	1670	1685	1698	rVB	3824288	8532710	41.70%	1.752%
17	6.864	1709	1718	1732	rVB	368070	694586	3.39%	0.143%
18	6.980	1741	1754	1767	rVB	751748	1380168	6.74%	0.283%
19	7.073	1767	1783	1798	rVB	1077292	2191538	10.71%	0.450%
20	7.234	1822	1833	1853	rVB	1358632	2822364	13.79%	0.579%
21	7.398	1872	1884	1888	rBV	500859	866696	4.24%	0.178%
22	7.501	1904	1916	1924	rBV	4643344	7994641	39.07%	1.641%
23	7.658	1956	1965	1986	rVB	2447967	5119664	25.02%	1.051%
24	7.761	1986	1997	2012	rVB6	712543	1567658	7.66%	0.322%
25	7.857	2012	2027	2034	rBV2	3489487	6826560	33.36%	1.401%
26	8.025	2070	2079	2087	rBV3	891191	1900374	9.29%	0.390%
27	8.134	2096	2113	2134	rVB	10081155	18495388	90.38%	3.797%
28	8.243	2134	2147	2162	rVB4	2768056	6189620	30.25%	1.271%
29	8.372	2175	2187	2194	rBV2	1115771	2038216	9.96%	0.418%
30	8.417	2194	2201	2213	rVB3	590174	1123867	5.49%	0.231%
31	8.539	2230	2239	2250	rVB2	827271	1420995	6.94%	0.292%
32	8.639	2250	2270	2297	rBV2	3757007	9654672	47.18%	1.982%
33	8.761	2298	2308	2314	rBV	1142831	2061083	10.07%	0.423%
34	8.806	2315	2322	2332	rVB5	1572301	2579797	12.61%	0.530%
35	8.870	2332	2342	2351	rBV	3323726	5323066	26.01%	1.093%
36	8.928	2351	2360	2371	rBV	4434911	7697893	37.62%	1.580%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

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	9.073	2392	2405	2414	rBV4	2146517	4565430	22.31%	0.937%
38	9.124	2414	2421	2428	rVV	1751994	2764396	13.51%	0.567%
39	9.173	2428	2436	2442	rVV3	2903439	5211660	25.47%	1.070%
40	9.218	2442	2450	2461	rVV2	6513079	11093346	54.21%	2.277%
41	9.340	2477	2488	2505	rVB	7763566	13066424	63.85%	2.682%
42	9.481	2525	2532	2538	rBV4	574939	915597	4.47%	0.188%
43	9.578	2551	2562	2575	rBV3	2137729	4755440	23.24%	0.976%
44	9.671	2576	2591	2592	rBV4	2213267	3993869	19.52%	0.820%
45	9.710	2594	2603	2612	rVV2	4129372	8483835	41.46%	1.741%
46	9.883	2645	2657	2671	rBV6	1336198	3245407	15.86%	0.666%
47	9.960	2672	2681	2690	rBV4	611271	1073168	5.24%	0.220%
48	10.034	2691	2704	2724	rBV7	3526944	10043710	49.08%	2.062%
49	10.127	2725	2733	2743	rBV6	1369531	2750033	13.44%	0.565%
50	10.259	2757	2774	2788	rBV3	9017669	20463026	100.00%	4.200%
51	10.365	2798	2807	2813	rBV3	5388094	9644730	47.13%	1.980%
52	10.401	2814	2818	2830	rVB	5956206	8776347	42.89%	1.802%
53	10.481	2833	2843	2854	rBV3	1411507	3537862	17.29%	0.726%
54	10.565	2855	2869	2877	rBV3	2913537	6350957	31.04%	1.304%
55	10.632	2878	2890	2895	rBV	5671962	9851331	48.14%	2.022%
56	10.703	2907	2912	2922	rBV3	826919	1370319	6.70%	0.281%
57	10.764	2923	2931	2940	rVV3	4995487	8709935	42.56%	1.788%
58	10.819	2941	2948	2964	rVB5	3868807	7008680	34.25%	1.439%
59	10.918	2972	2979	2984	rBV	1132805	1673779	8.18%	0.344%
60	11.012	2999	3008	3019	rBV2	3595115	8879836	43.39%	1.823%
61	11.070	3020	3026	3032	rBV2	3125586	4636941	22.66%	0.952%
62	11.198	3059	3066	3074	rBV8	692675	1175897	5.75%	0.241%
63	11.253	3076	3083	3088	rVV3	871069	1320672	6.45%	0.271%
64	11.304	3089	3099	3115	rVB4	3669940	8644928	42.25%	1.775%
65	11.381	3116	3123	3128	rVV3	1417086	2125109	10.39%	0.436%
66	11.423	3129	3136	3144	rVV	7083449	10303117	50.35%	2.115%
67	11.478	3144	3153	3175	rVB	7836890	16520098	80.73%	3.391%
68	11.581	3179	3185	3190	rBV	764254	1156265	5.65%	0.237%
69	11.648	3200	3206	3218	rVB6	3522014	6221707	30.40%	1.277%
70	11.722	3219	3229	3235	rBV	5642717	9352533	45.70%	1.920%
71	11.838	3259	3265	3272	rVB2	2926741	4117850	20.12%	0.845%
72	11.909	3273	3287	3300	rVB3	6401330	16154663	78.95%	3.316%
73	12.008	3311	3318	3336	rVB4	3749765	7187570	35.12%	1.475%
74	12.105	3338	3348	3352	rBV3	2668262	4409060	21.55%	0.905%
75	12.198	3367	3377	3392	rVB6	7018639	14698010	71.83%	3.017%
76	12.388	3430	3436	3451	rVB5	3596618	7468638	36.50%	1.533%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

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	12.478	3456	3464	3466	rBV	1726506	2282165	11.15%	0.468%
78	12.680	3517	3527	3535	rBV2	3248547	7463797	36.47%	1.532%
79	12.934	3597	3606	3625	rBV6	4259427	11697556	57.16%	2.401%
80	13.053	3626	3643	3653	rVB4	3680424	10696593	52.27%	2.196%
81	13.140	3656	3670	3677	rBV5	2009799	3901471	19.07%	0.801%
82	13.359	3734	3738	3746	rVB2	990379	1156140	5.65%	0.237%
83	13.459	3758	3769	3784	rVB5	7272336	15932585	77.86%	3.271%
84	13.590	3804	3810	3816	rBV	2079821	2713867	13.26%	0.557%
85	13.629	3817	3822	3846	rVB10	2740446	7518052	36.74%	1.543%
86	13.738	3848	3856	3864	rBV5	881561	1541862	7.53%	0.317%
87	13.790	3865	3872	3880	rBV	1051344	1594158	7.79%	0.327%
88	13.841	3882	3888	3904	rBV7	953877	1884460	9.21%	0.387%
89	13.950	3916	3922	3934	rBV3	1087567	2159362	10.55%	0.443%
90	14.092	3961	3966	3972	rVB2	1358364	1517491	7.42%	0.311%
91	14.192	3988	3997	4011	rVB4	1456016	2895592	14.15%	0.594%
92	14.455	4073	4079	4085	rBV	781333	951615	4.65%	0.195%
93	14.674	4136	4147	4159	rVB7	1081245	2463832	12.04%	0.506%
94	14.883	4207	4212	4221	rVB2	634249	908032	4.44%	0.186%
95	14.944	4226	4231	4246	rVB6	483422	925472	4.52%	0.190%
96	15.024	4248	4256	4264	rBV5	600876	1169556	5.72%	0.240%
97	15.224	4306	4318	4328	rVB3	1913755	3516299	17.18%	0.722%
98	15.410	4368	4376	4387	rBV2	855196	1397053	6.83%	0.287%
99	16.262	4634	4641	4667	rVB2	335186	709071	3.47%	0.146%
100	16.449	4694	4699	4716	rVB	265291	470015	2.30%	0.096%

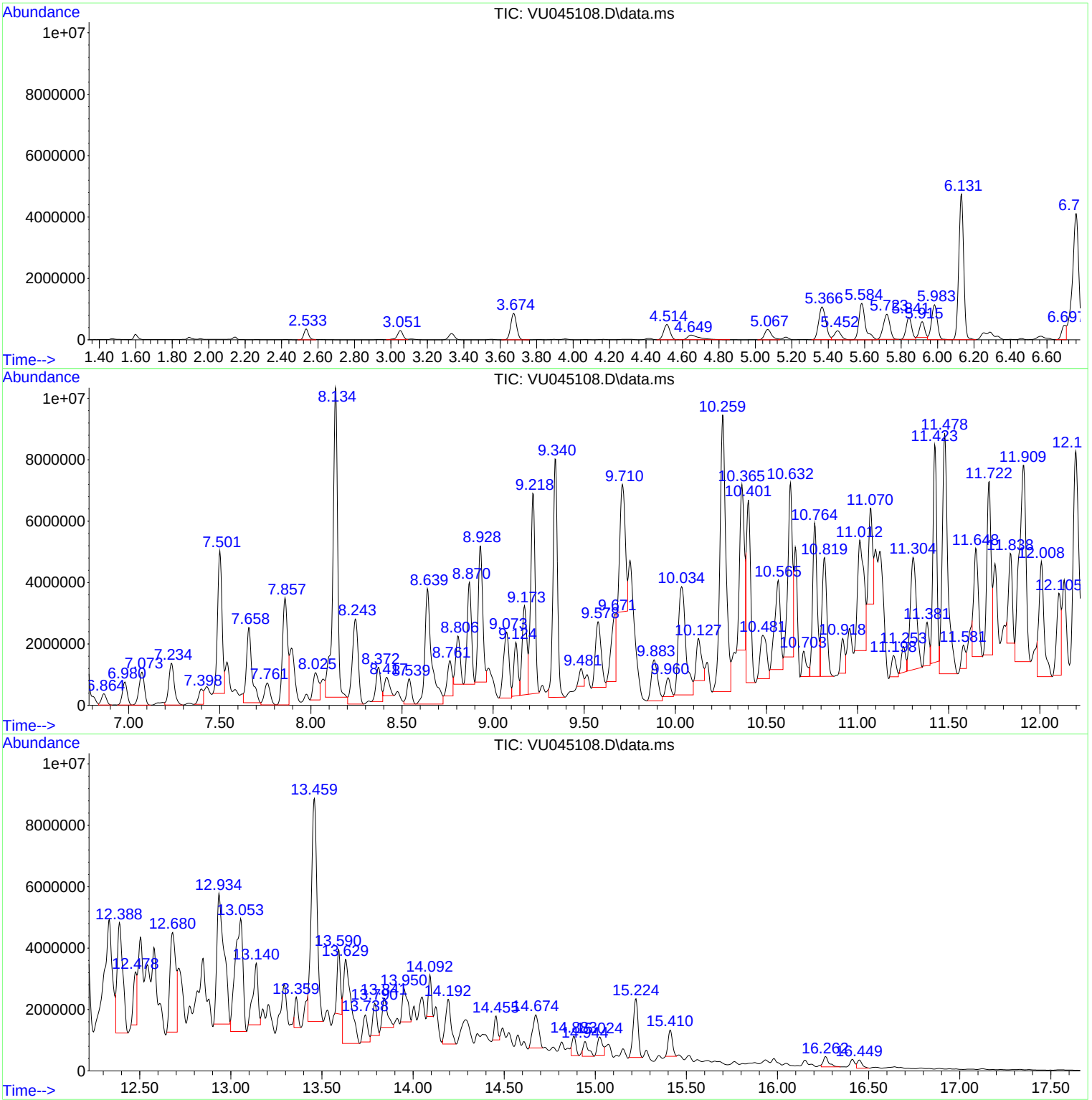
Sum of corrected areas: 487157974

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

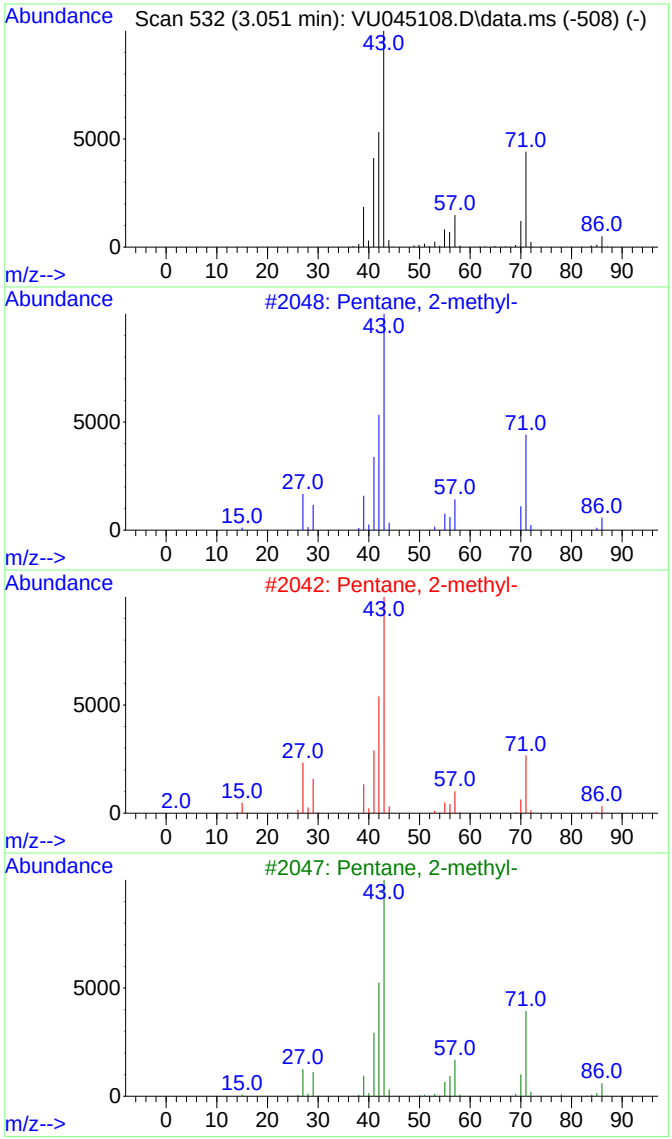
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

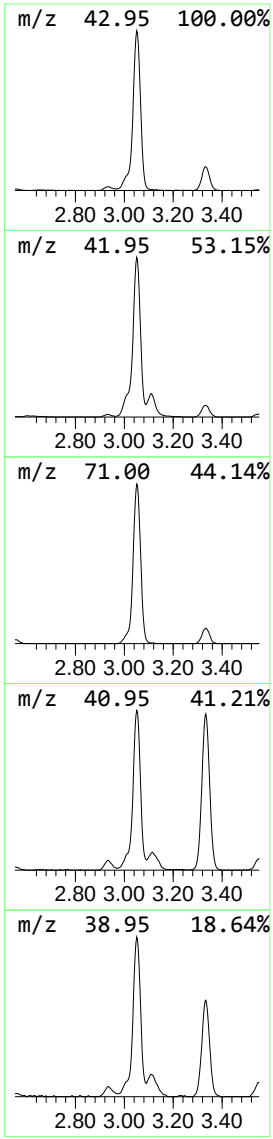
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.051	3.65 ug/L	651416	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

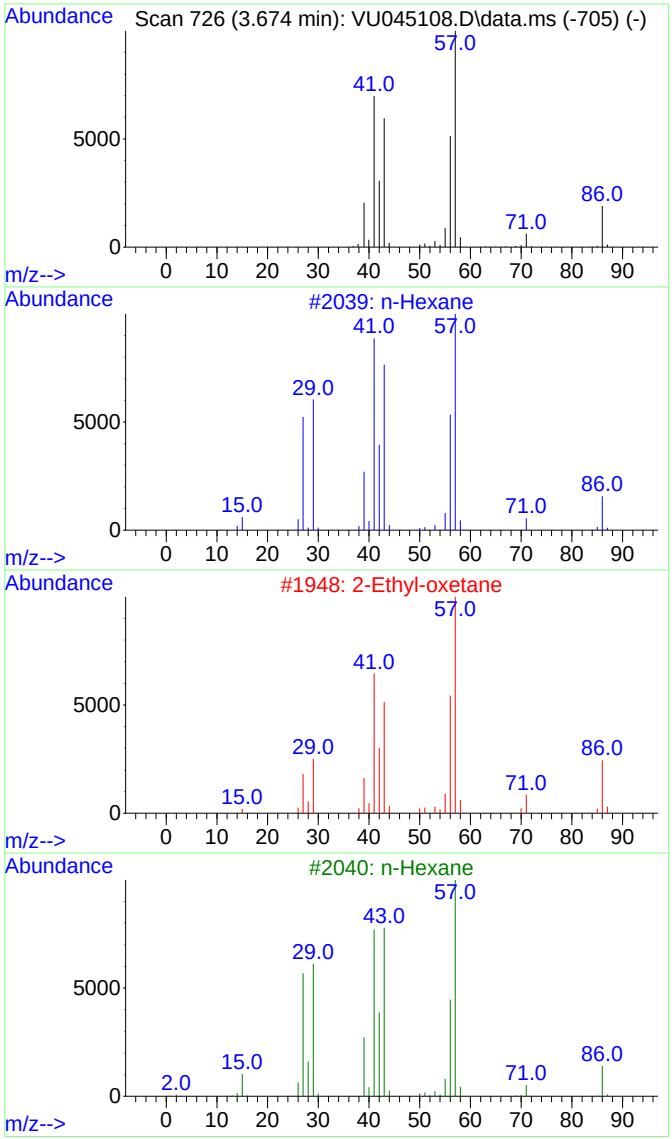
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

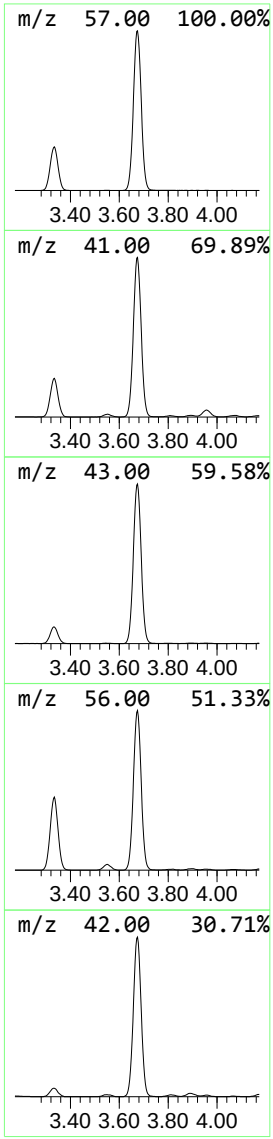
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.674	10.73 ug/L	1915280	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	83
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	83
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

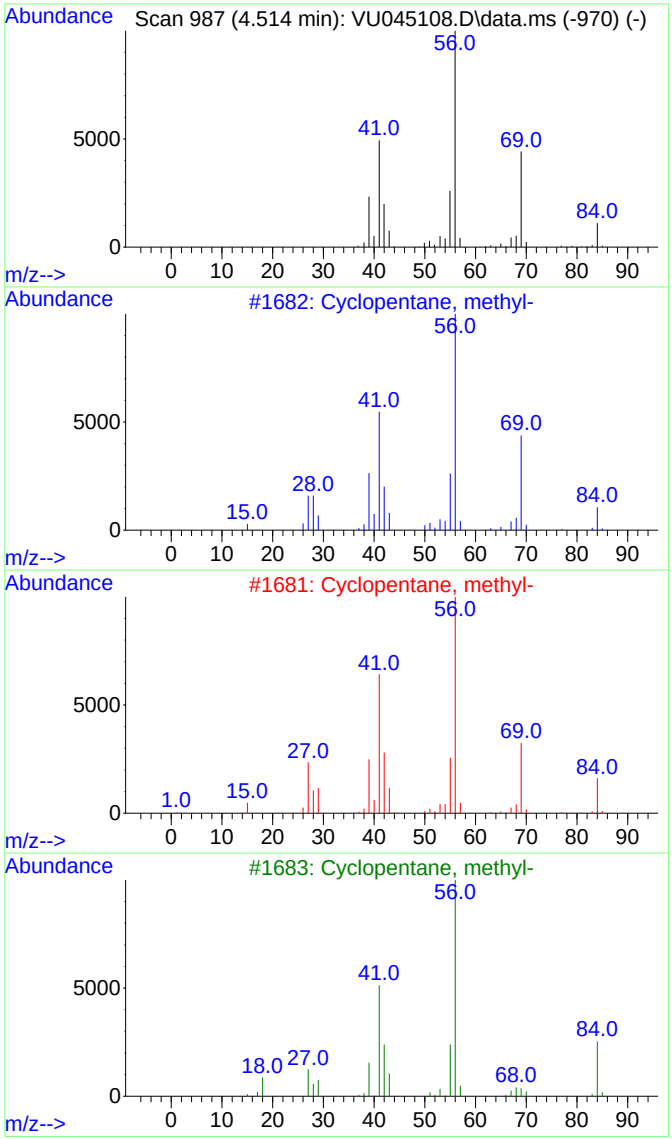
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

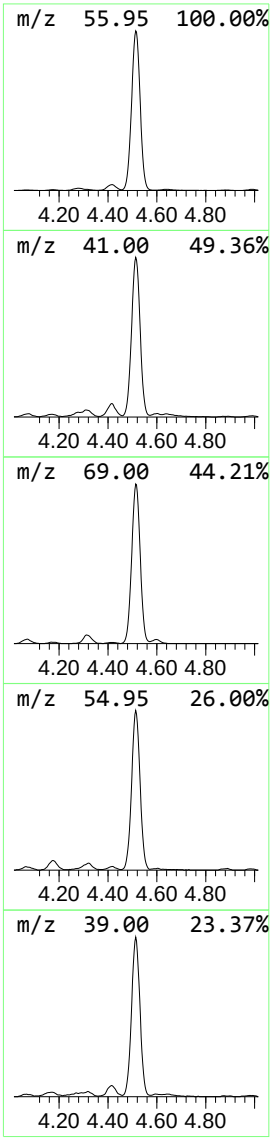
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.514 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.514	6.77 ug/L	1208870	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

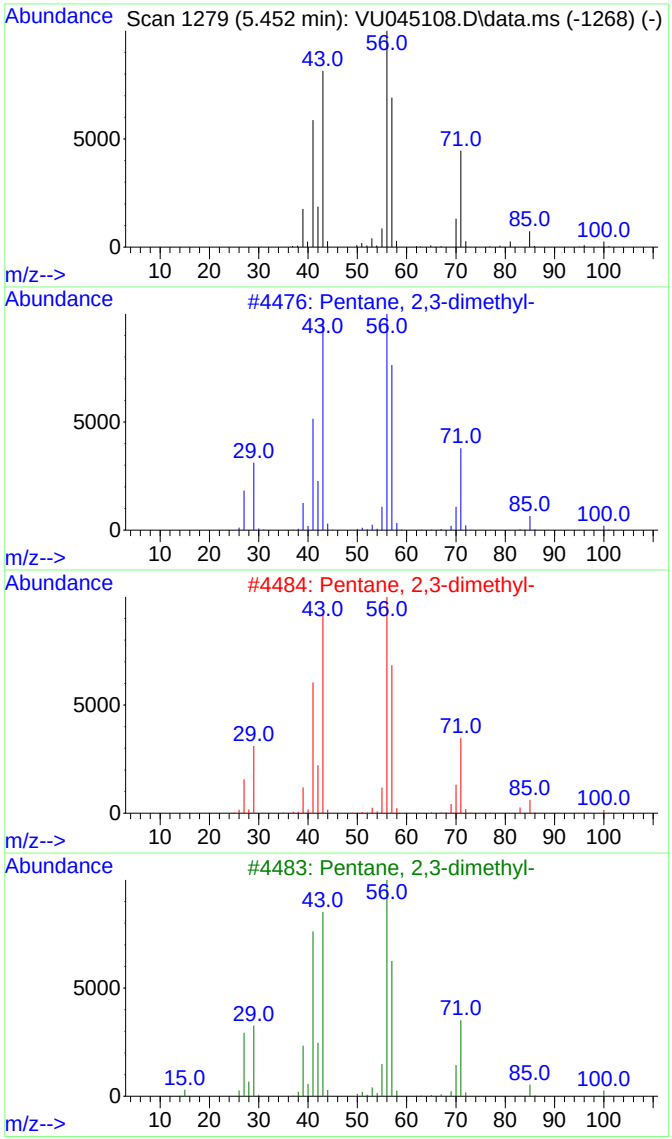
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

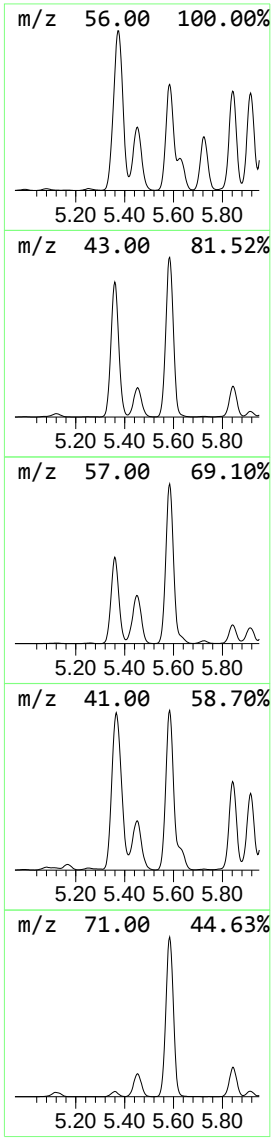
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.452	4.27 ug/L	762038	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

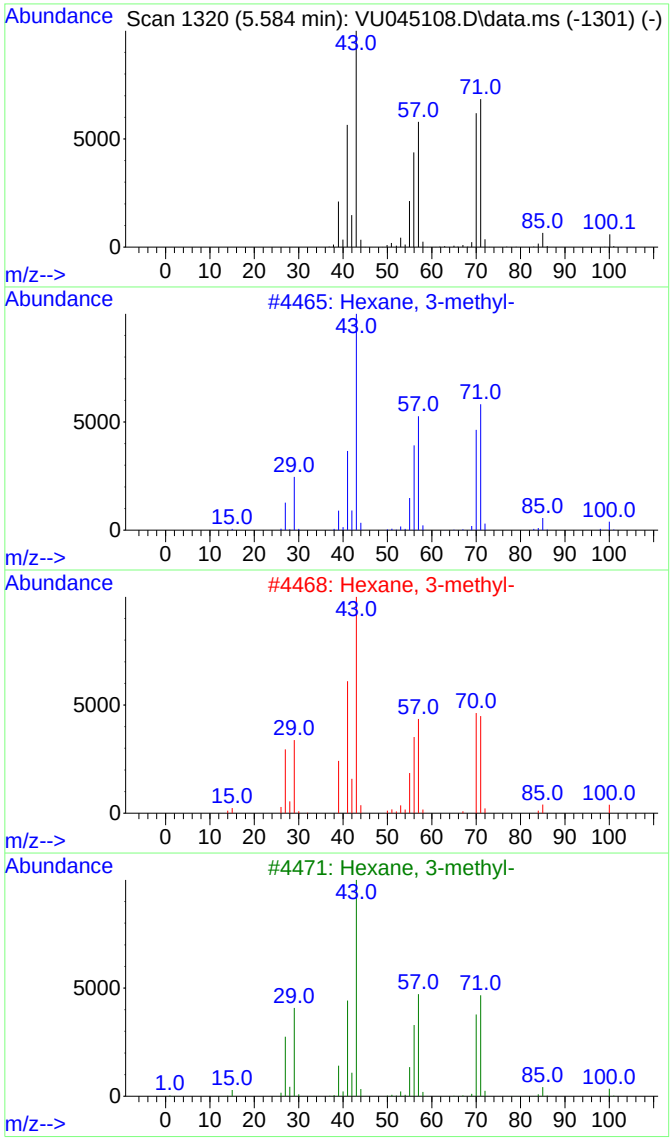
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

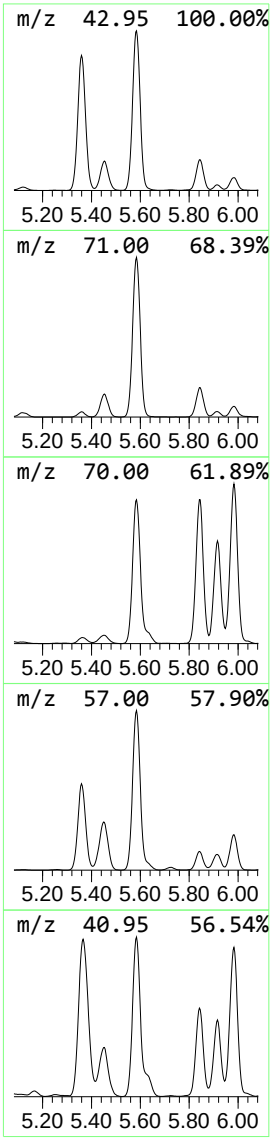
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.584	16.59 ug/L	2960350	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane	100	C7H16	000142-82-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

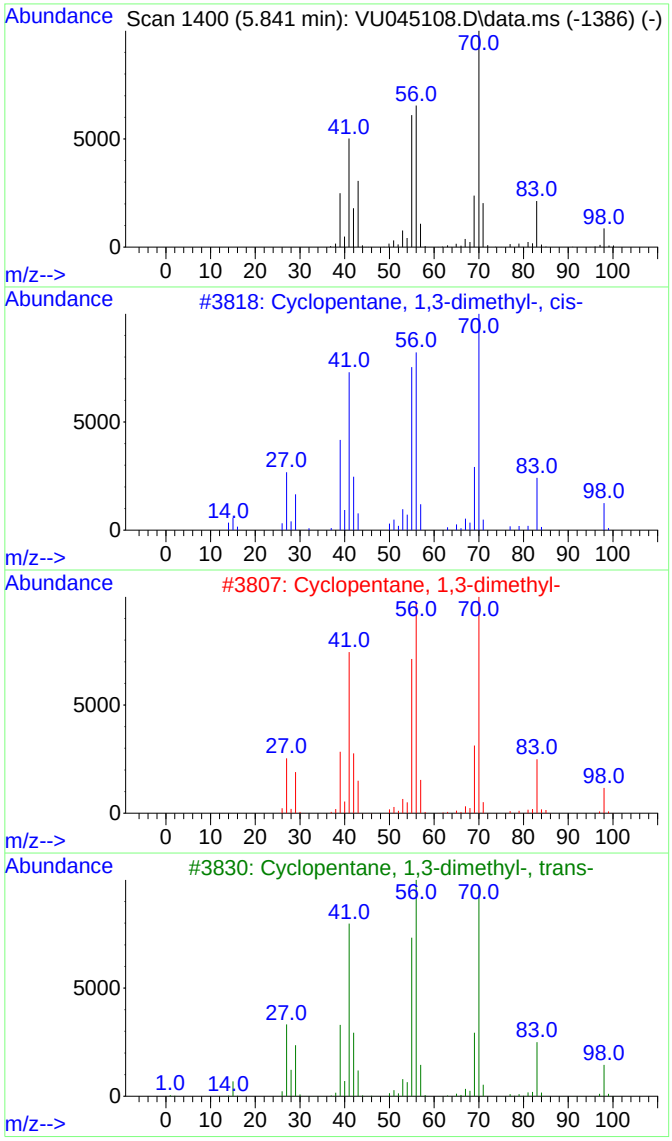
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

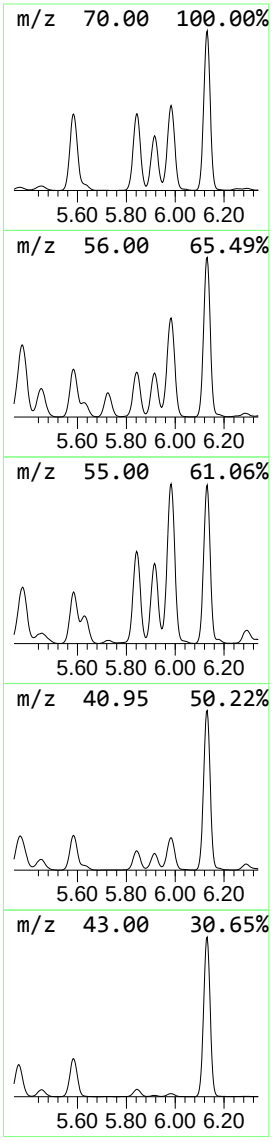
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.841 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.841	8.52 ug/L	1521390	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	92
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	70
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

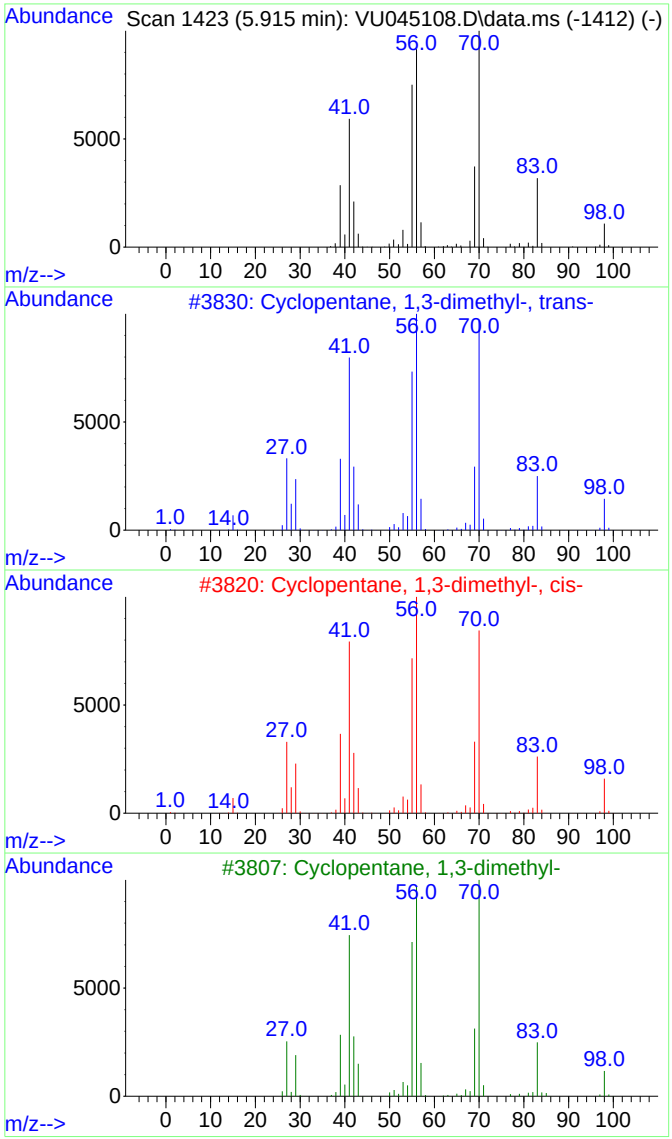
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

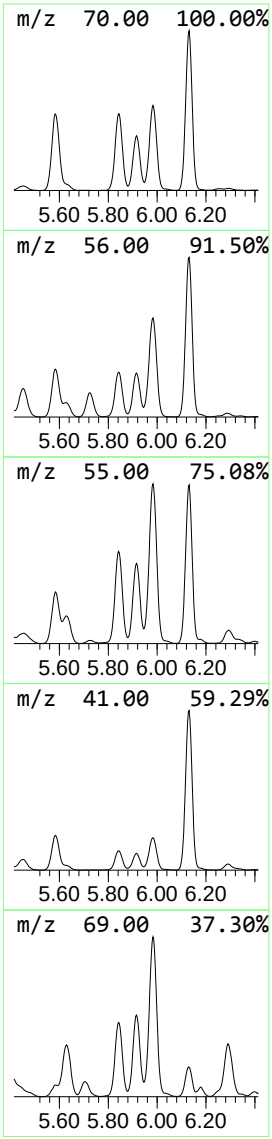
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic5.915 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.915	5.44 ug/L	971753	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

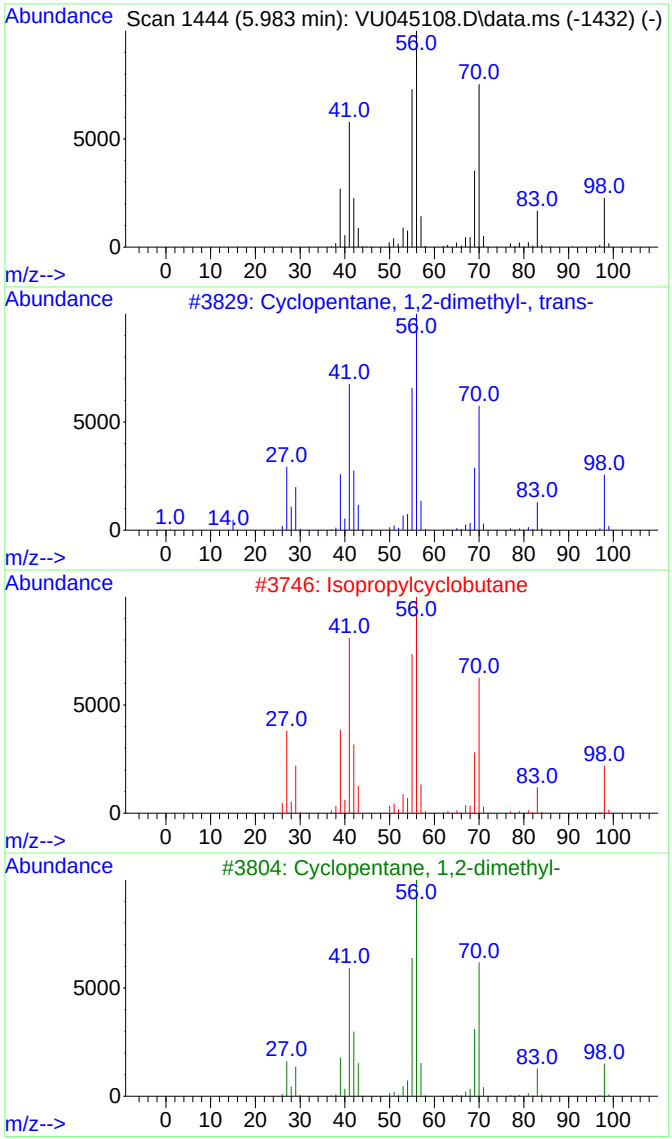
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

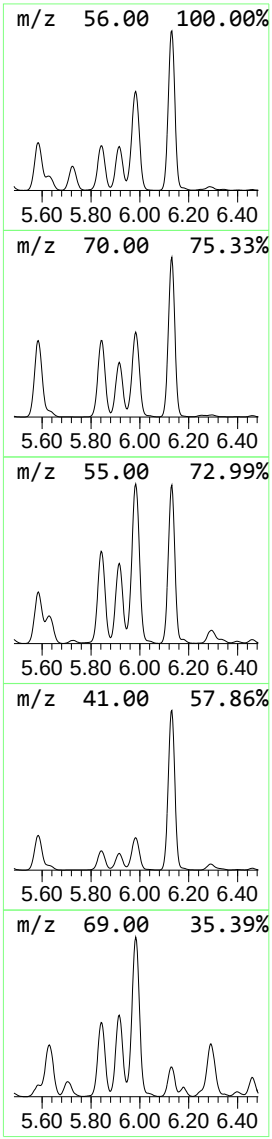
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic5.983 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.983	14.09 ug/L	2514700	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	94
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

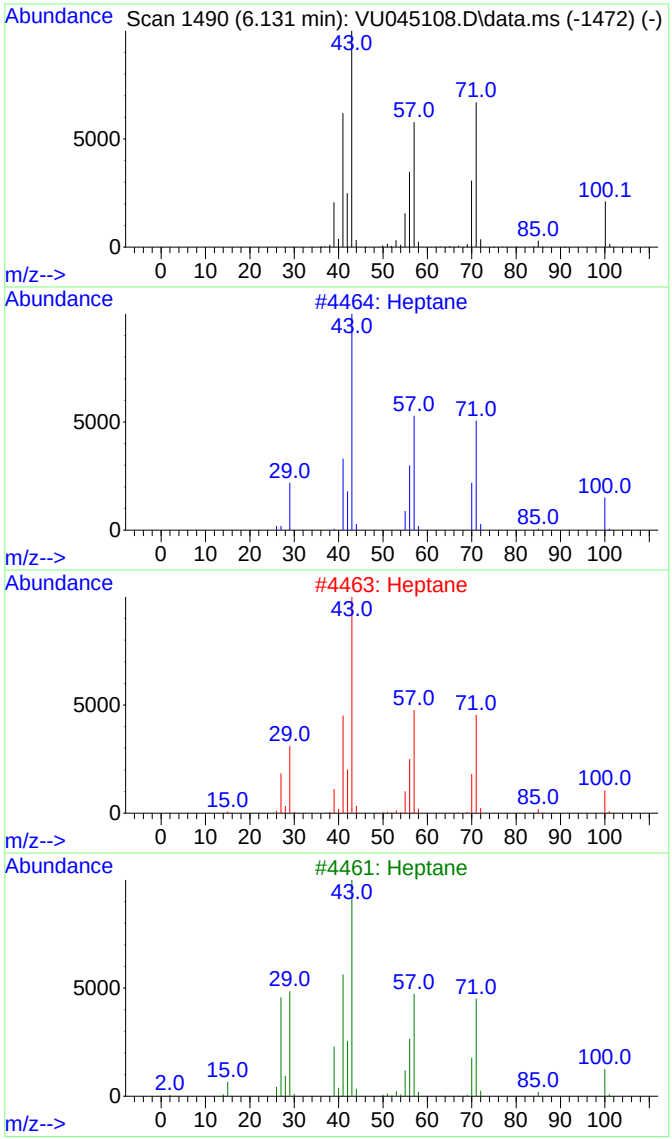
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

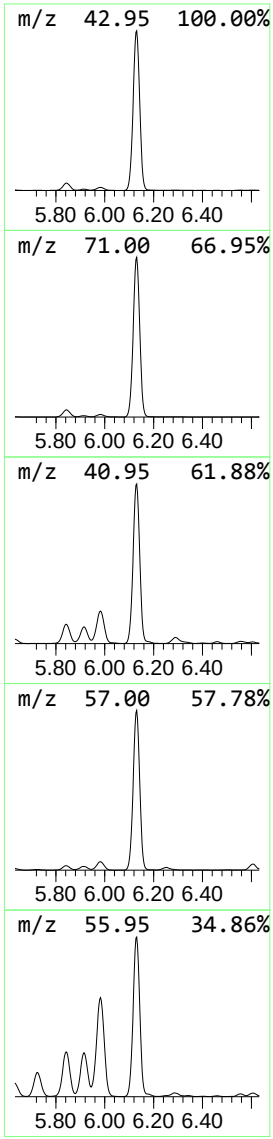
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	50.00 ug/L	8924120	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	62
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

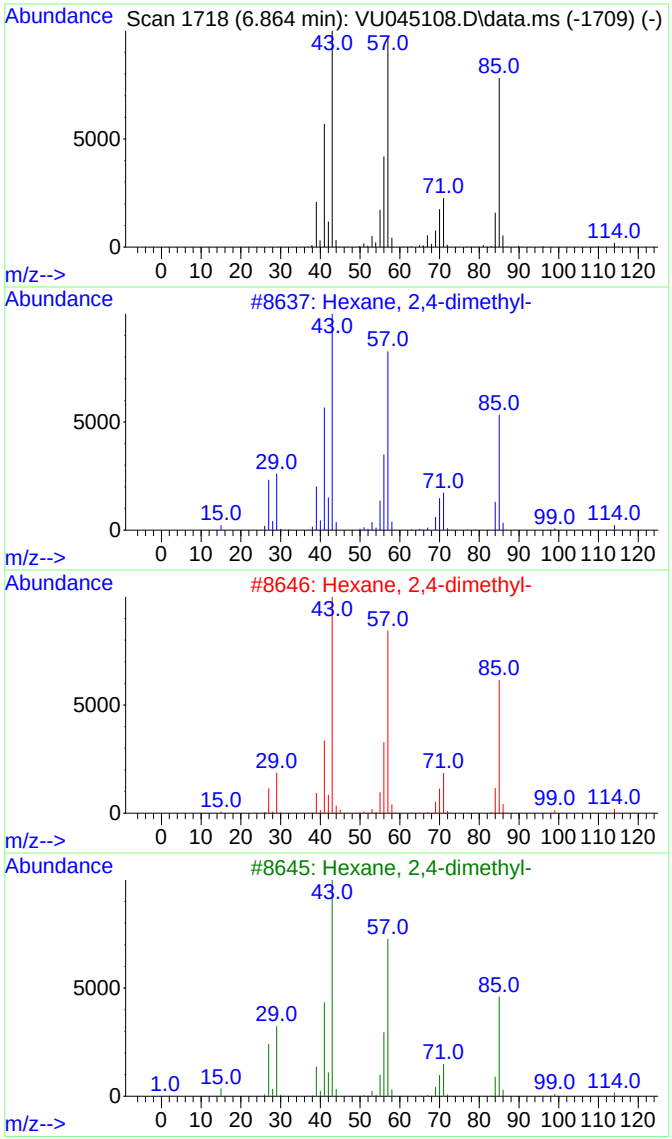
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

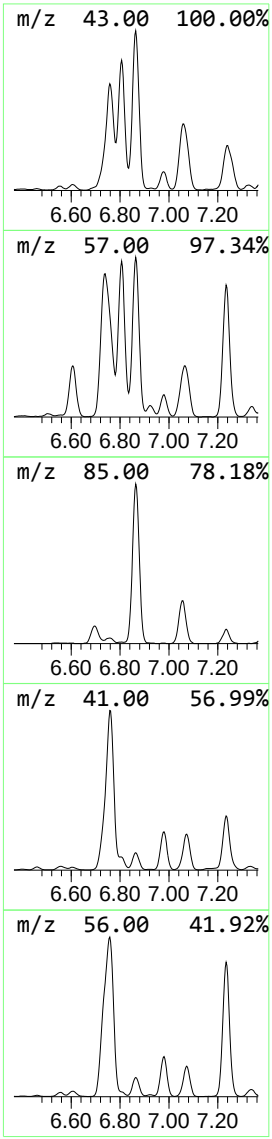
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	3.89 ug/L	694586	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	96
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

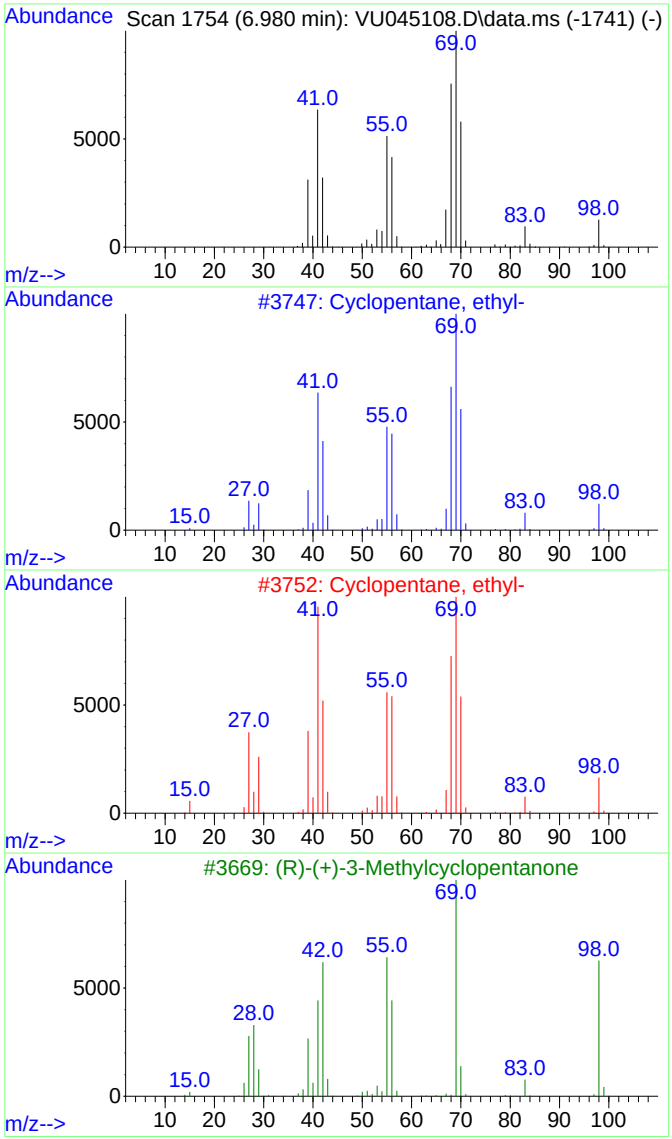
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

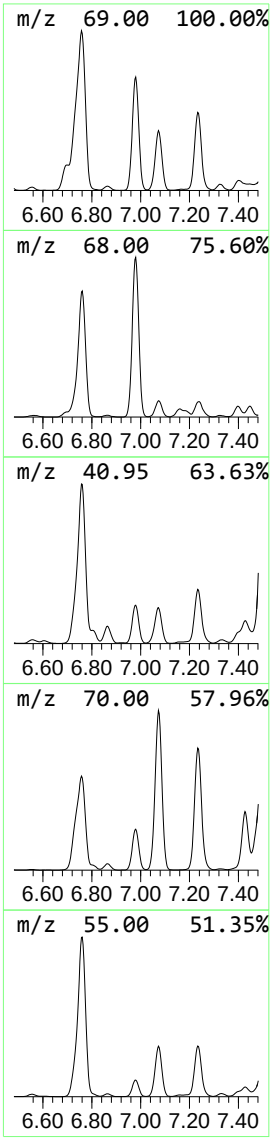
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic6.980 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	7.73 ug/L	1380170	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
5	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

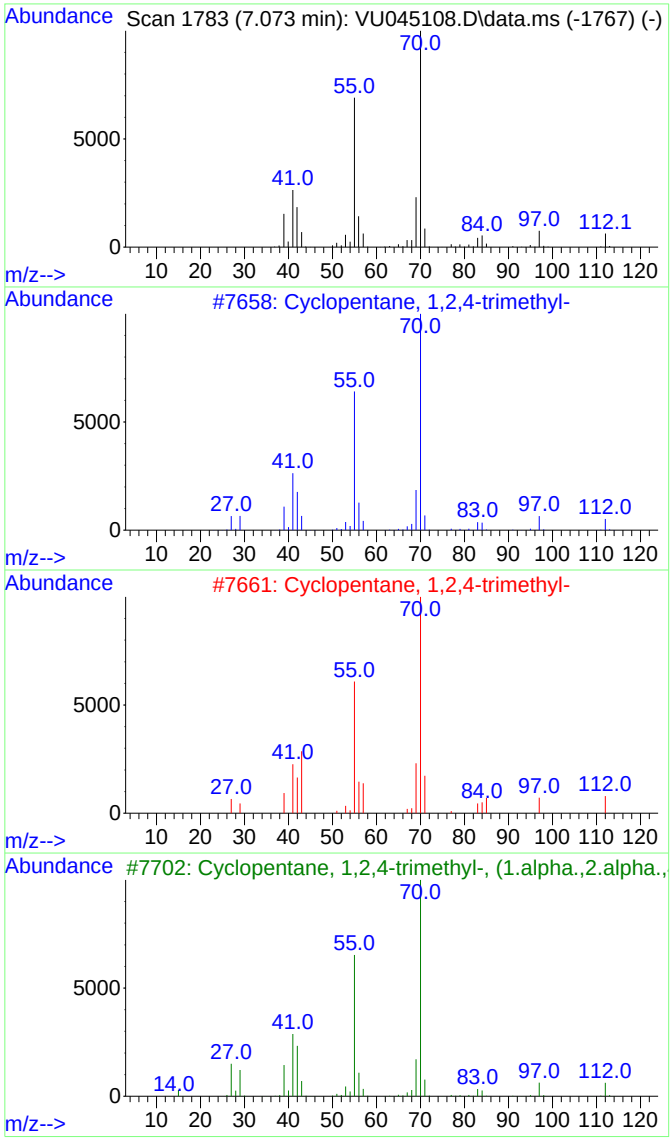
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

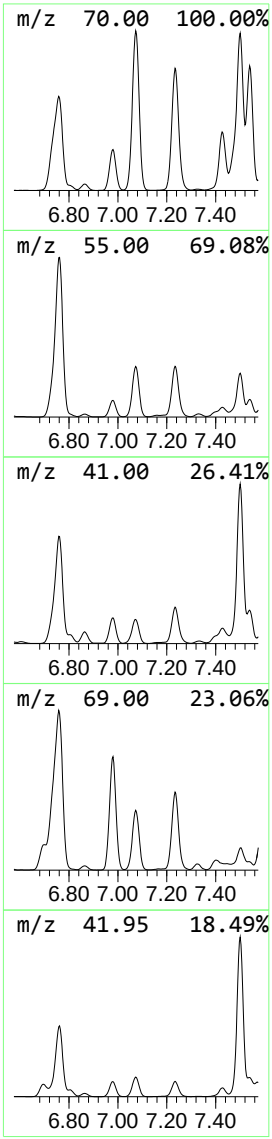
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic7.073 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.073	12.28 ug/L	2191540	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	80
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

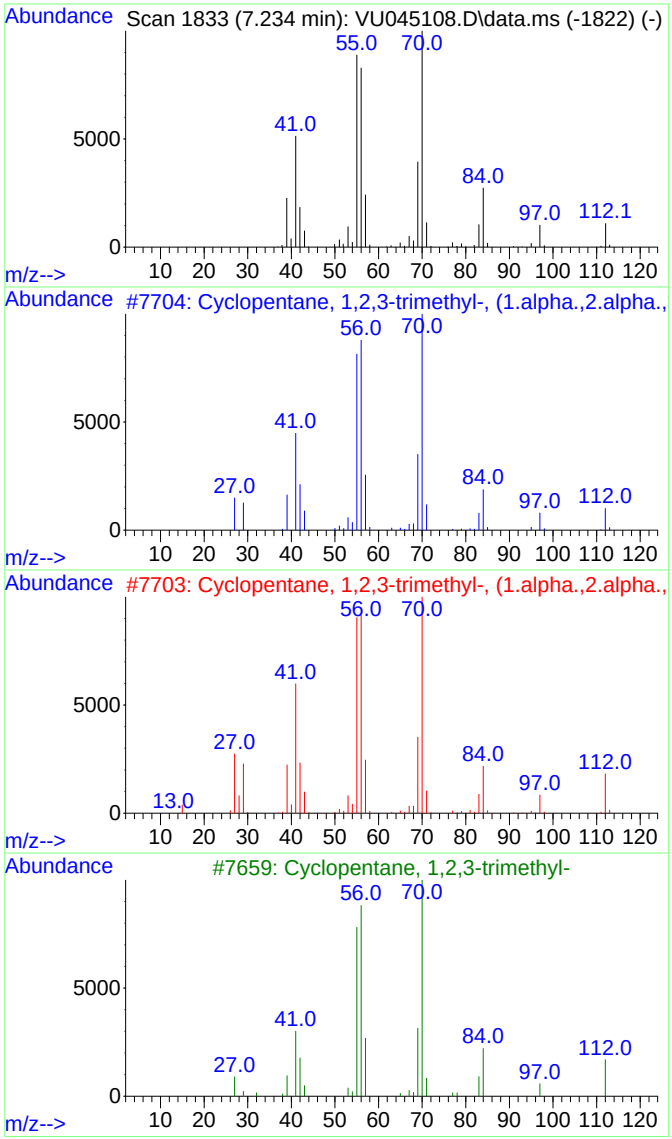
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

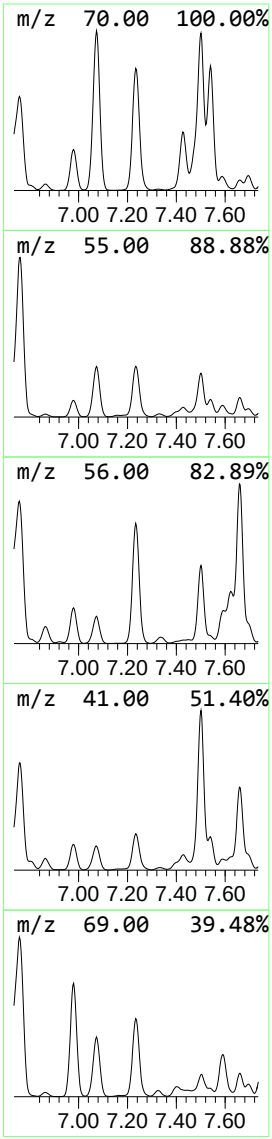
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic7.234 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	15.81 ug/L	2822360	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	72
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

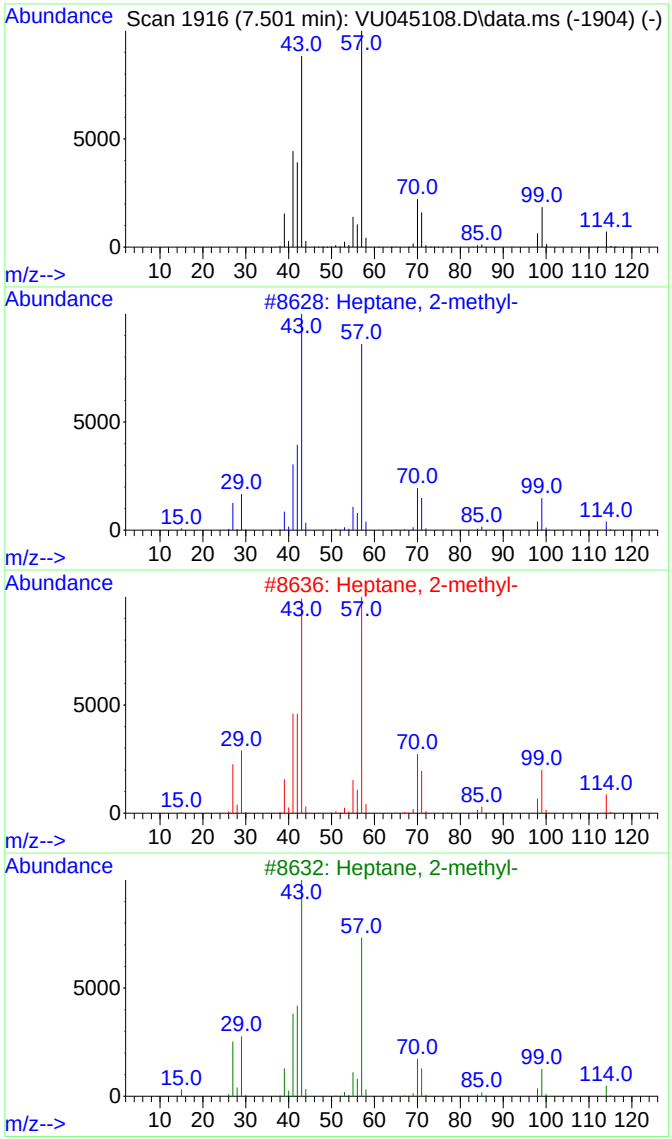
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

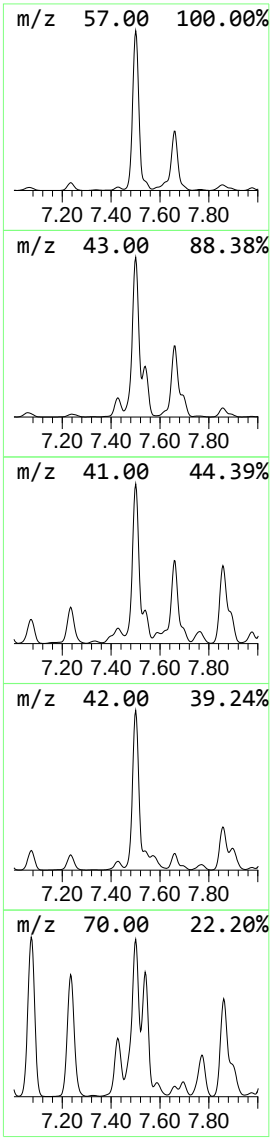
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	44.79 ug/L	7994640	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

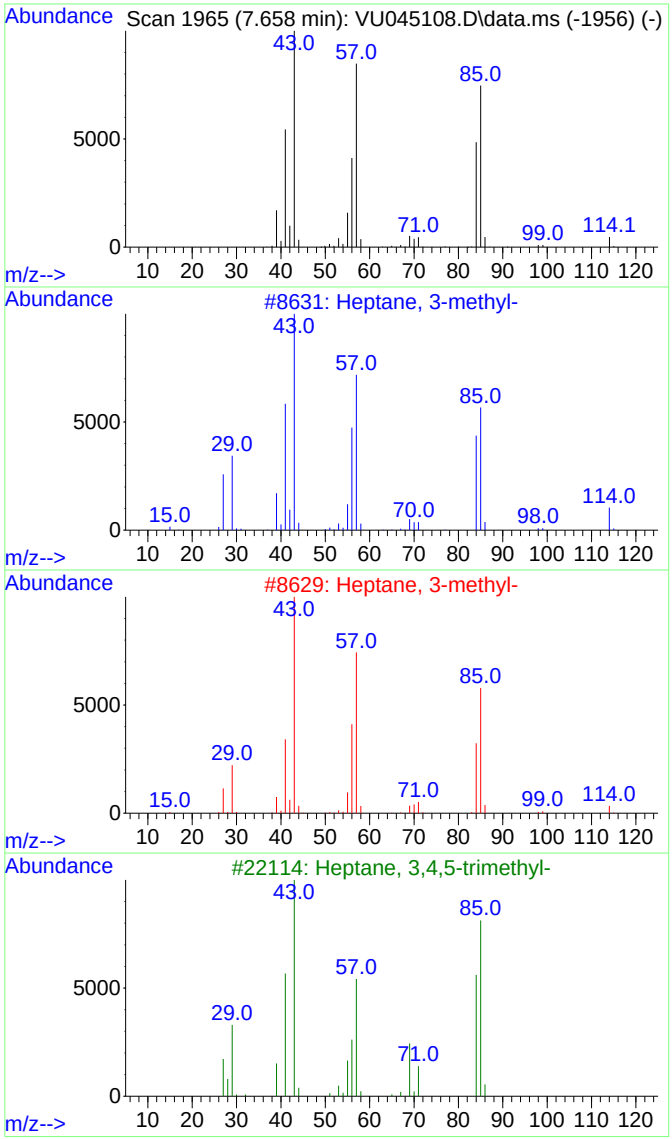
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

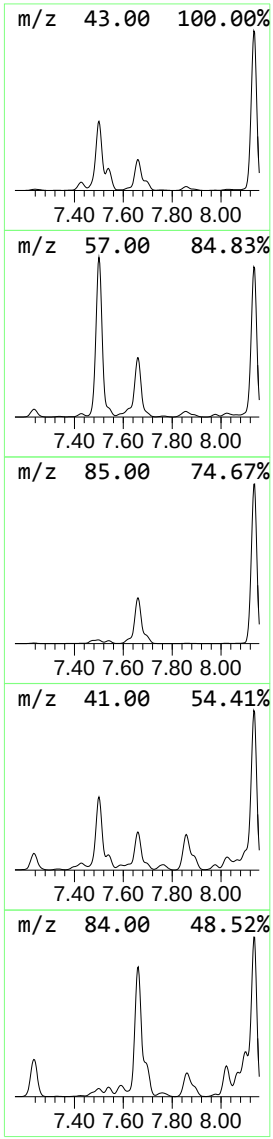
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.658	28.68 ug/L	5119660	1,4-Difluorobenzene	6.253

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	90
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	86
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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

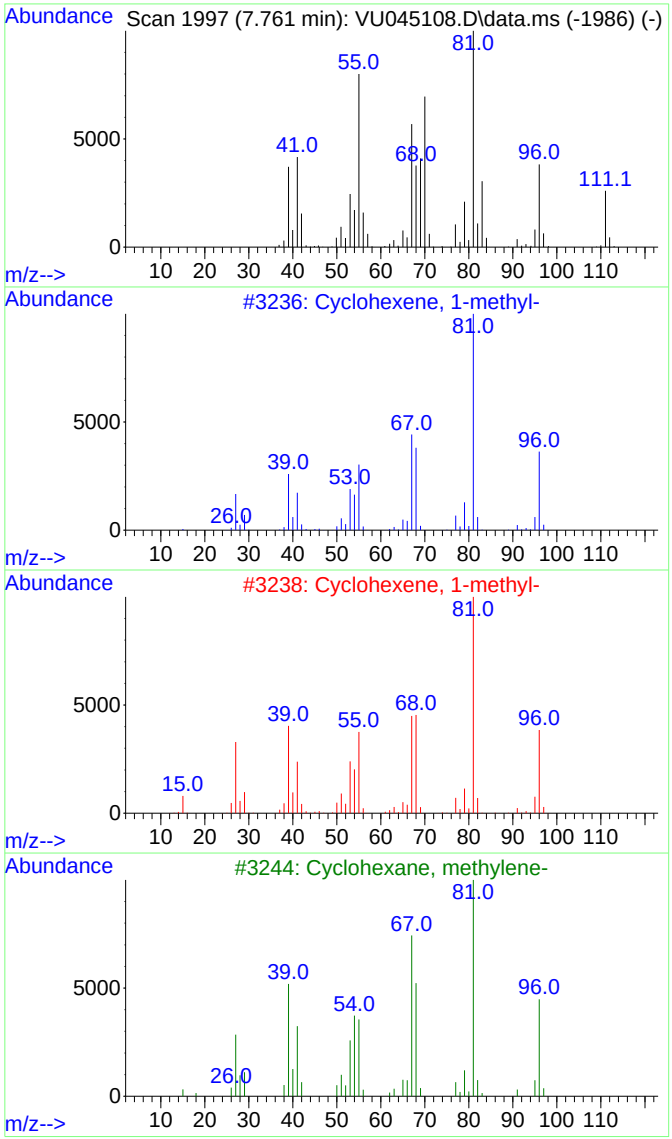
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

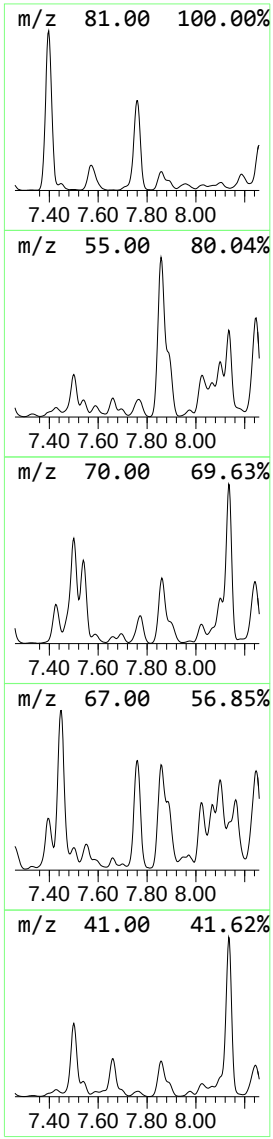
****

Peak Number 17 Cyclohexene, 1-methyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.761	8.78 ug/L	1567660	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	64
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	64
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

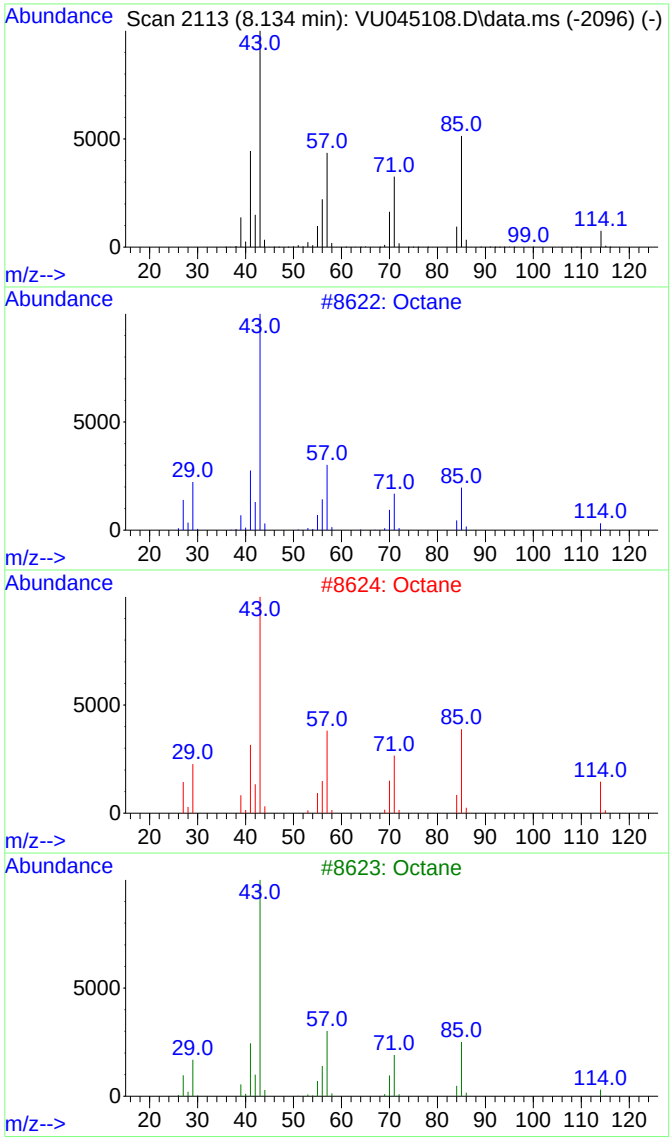
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

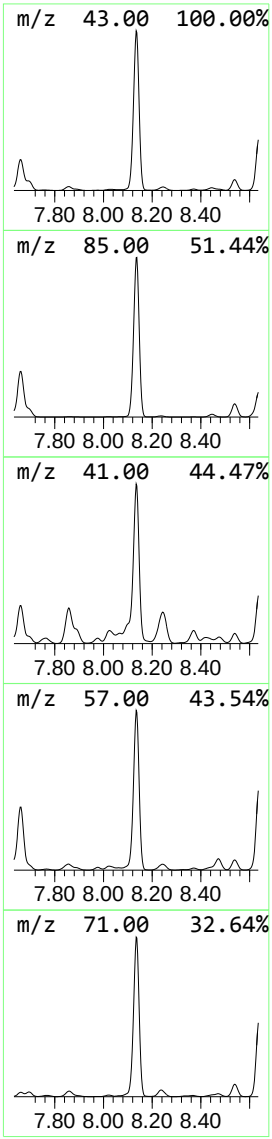
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	1010.02 ug/L	18495400	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	87
4	Octane	114	C8H18	000111-65-9	87
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

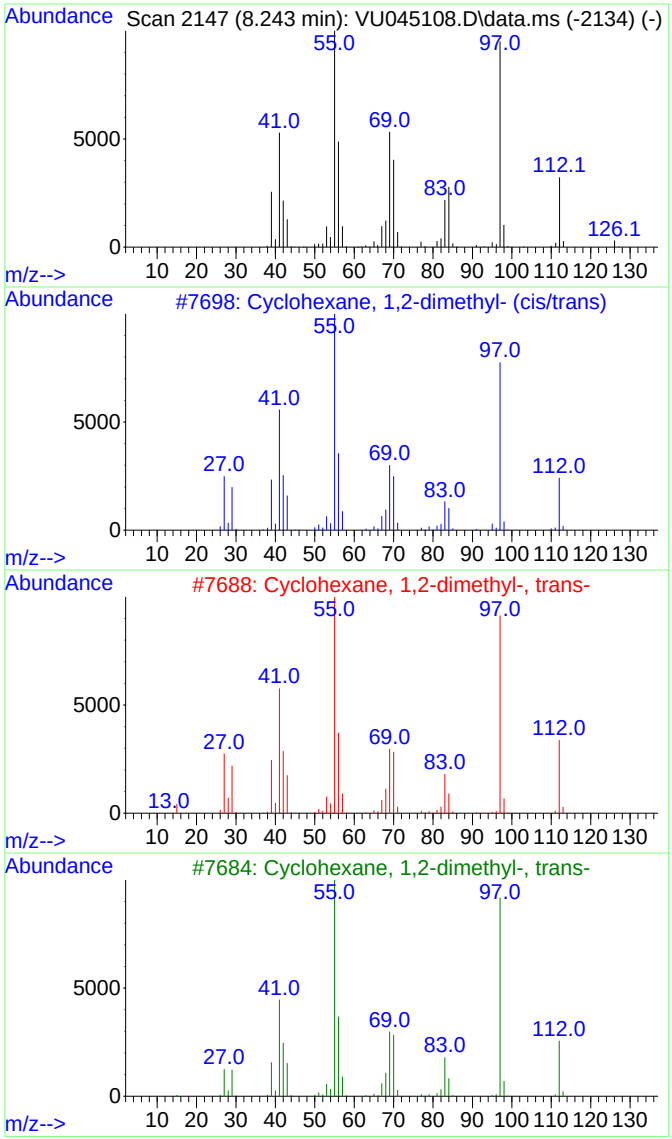
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

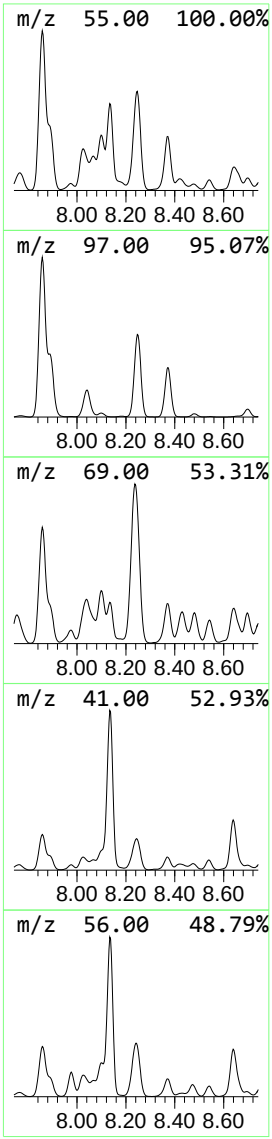
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic8.243 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	338.01 ug/L	6189620	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	76
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	76
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

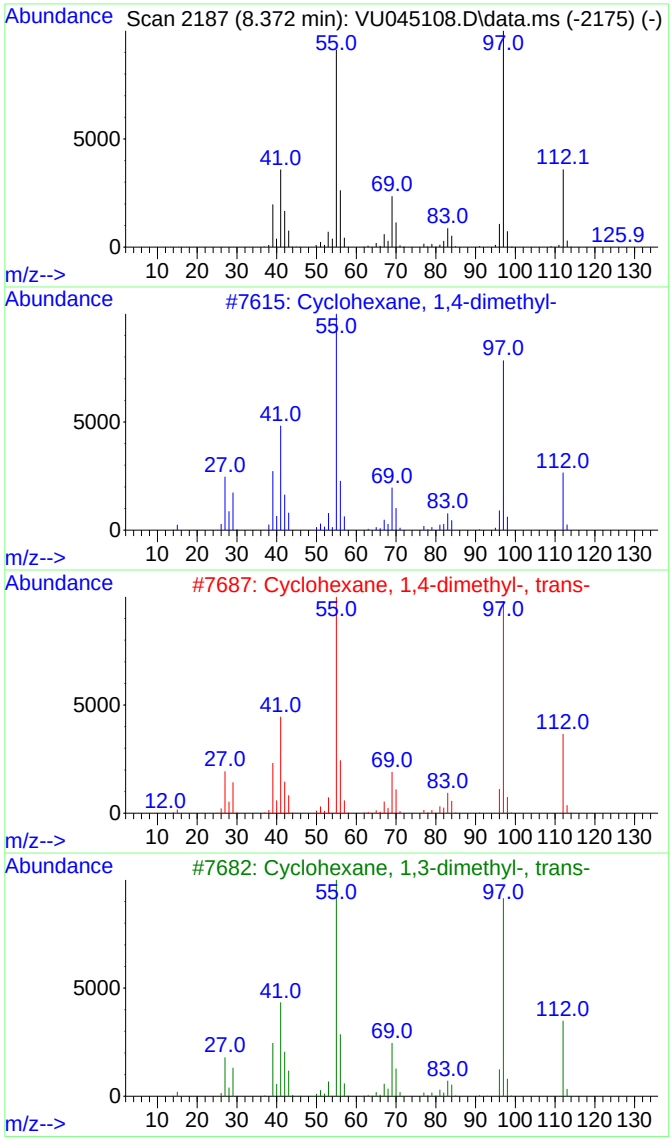
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

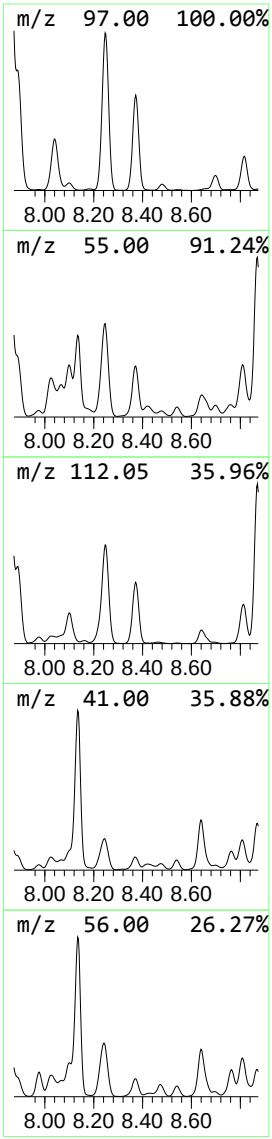
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic8.372 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.372	111.31 ug/L	2038220	Chlorobenzene-d5	9.433

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

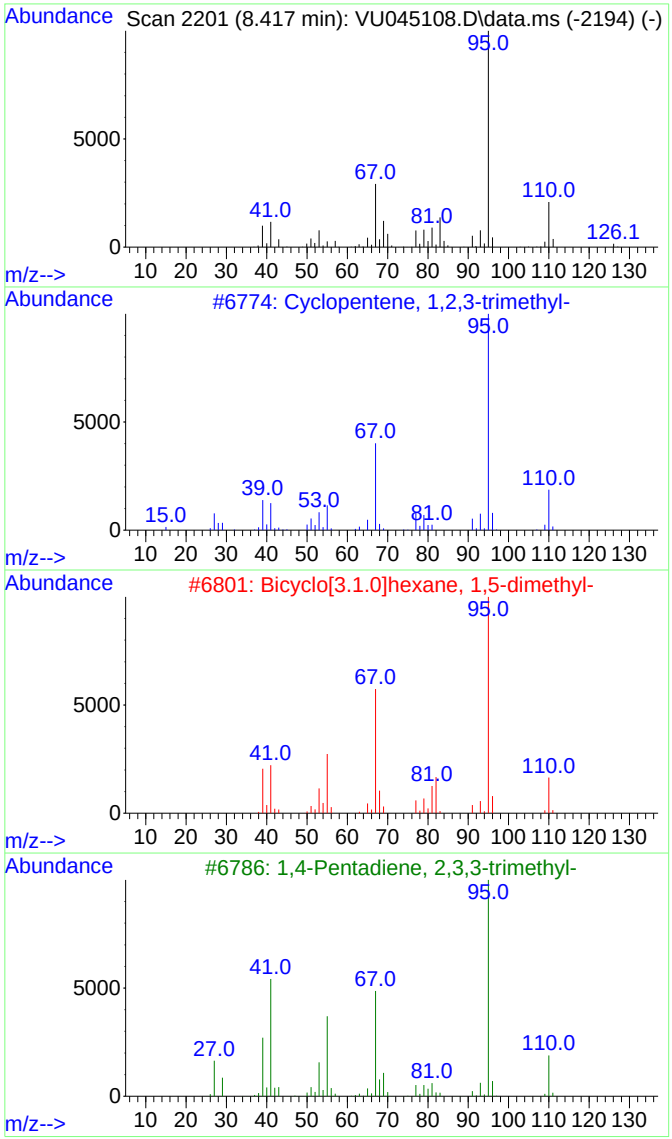
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

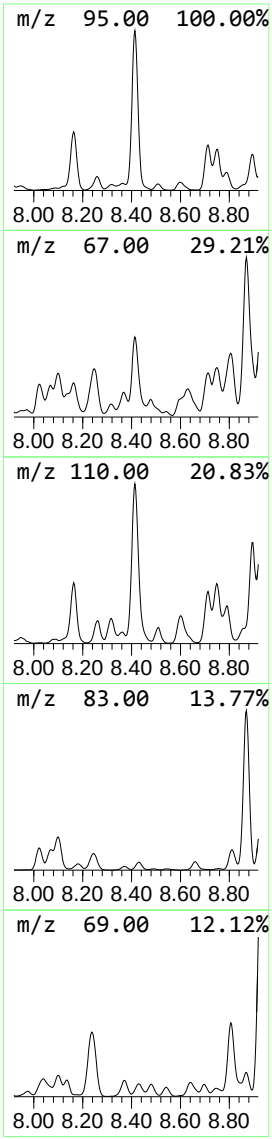
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.417	61.37 ug/L	1123870	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	68
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	64
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	59
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	53
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

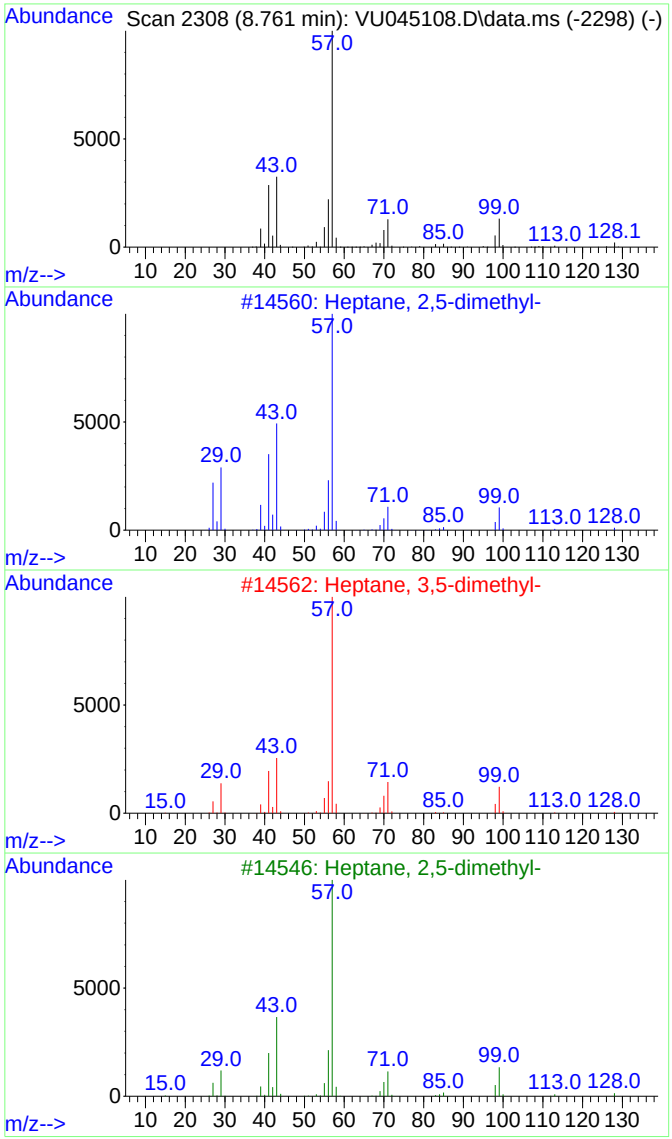
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

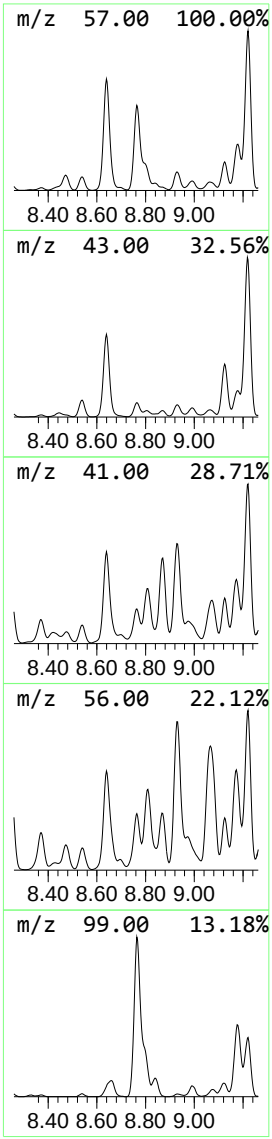
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.761	112.55 ug/L	2061080	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4	Octane, 3-methyl-	128	C9H20	002216-33-3	91
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

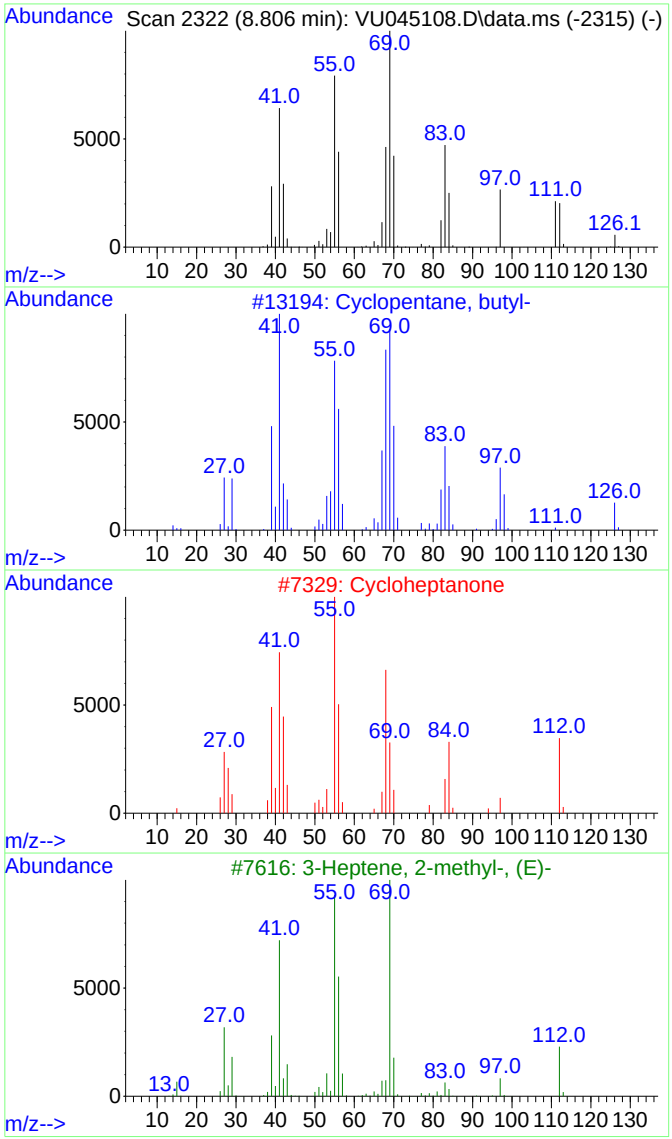
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

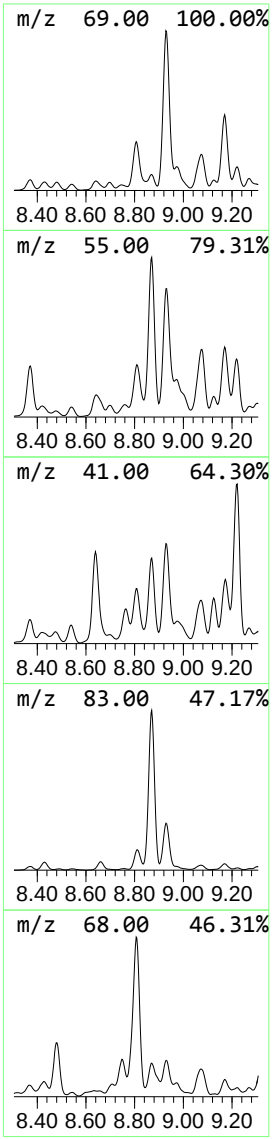
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.806 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.806	140.88 ug/L	2579800	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	76
2	Cycloheptanone	112	C7H12O	000502-42-1	46
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
5	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

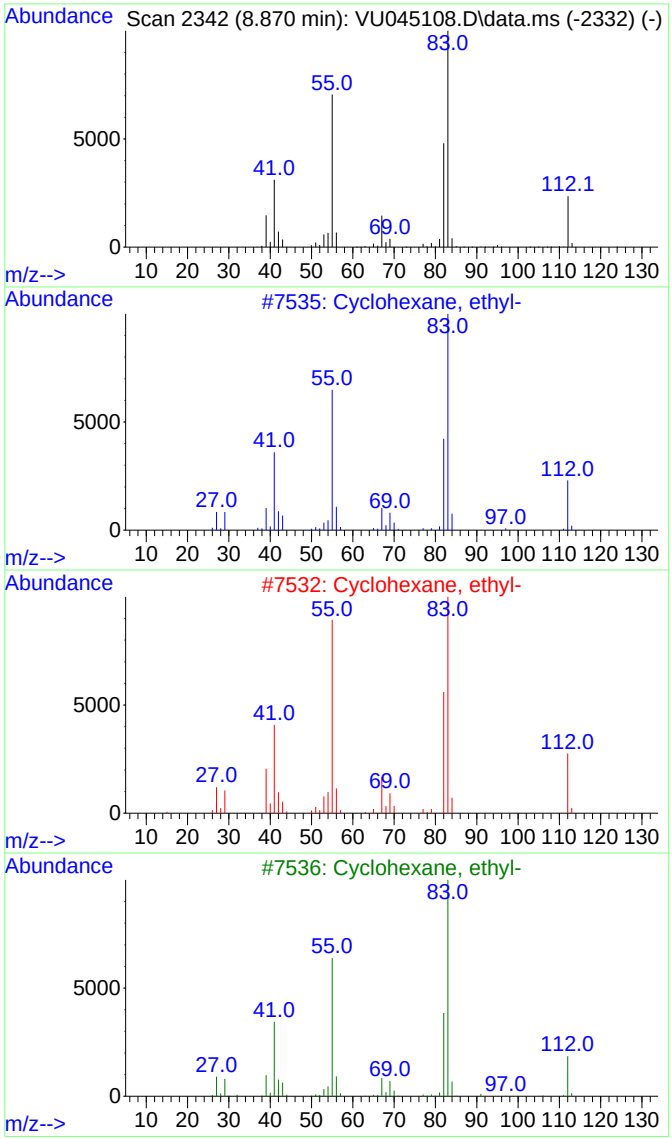
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

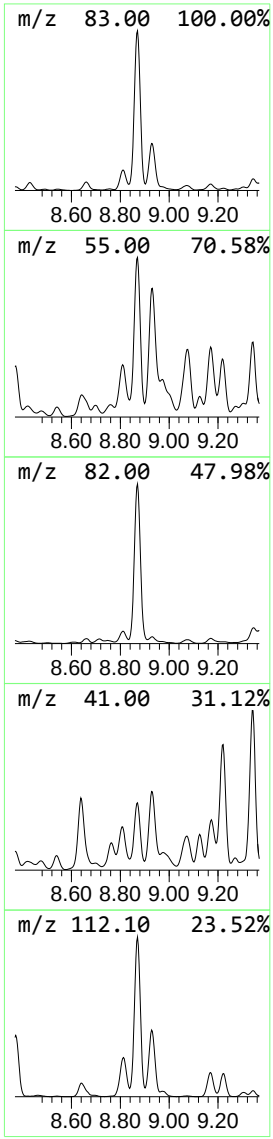
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic8.870 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.870	290.69 ug/L	5323070	Chlorobenzene-d5	9.433

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	87
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	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

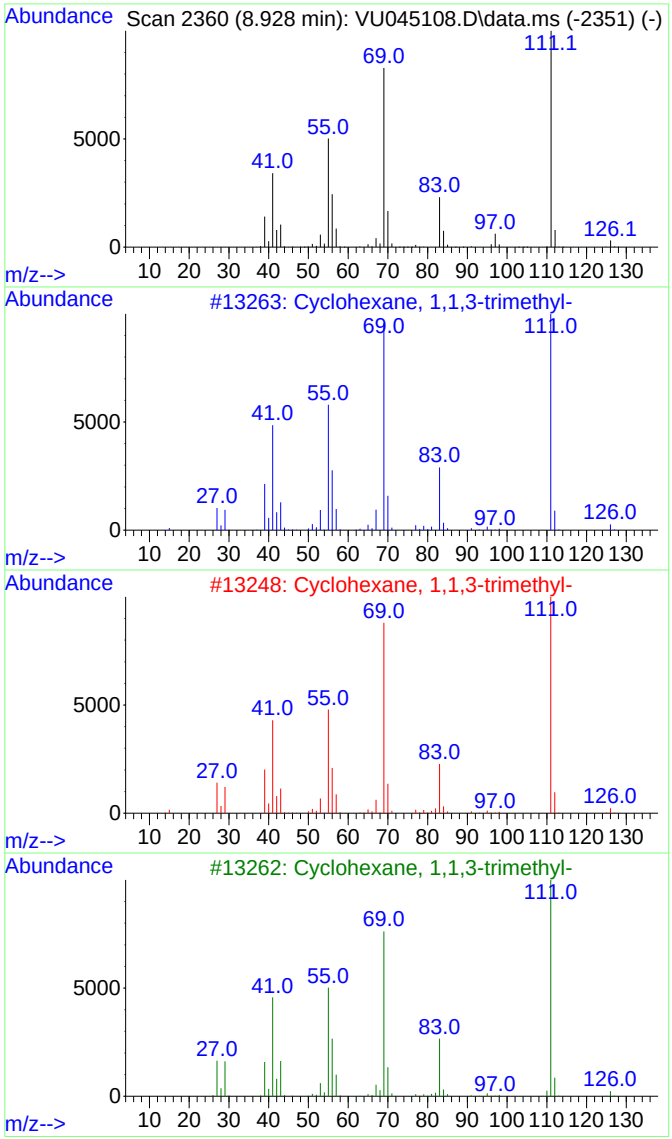
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

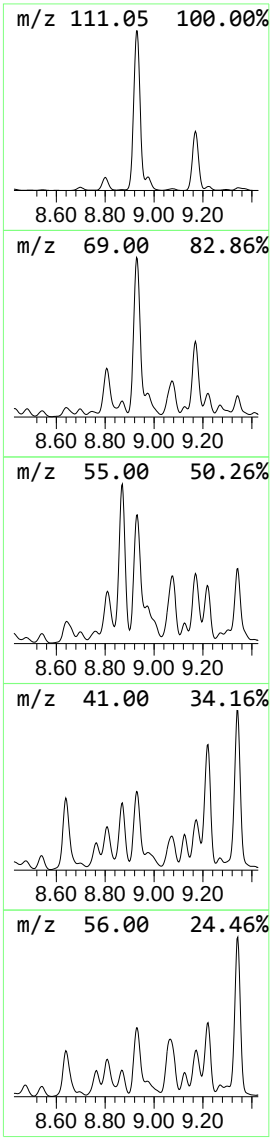
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic8.928 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	420.38 ug/L	7697890	Chlorobenzene-d5	9.433

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	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

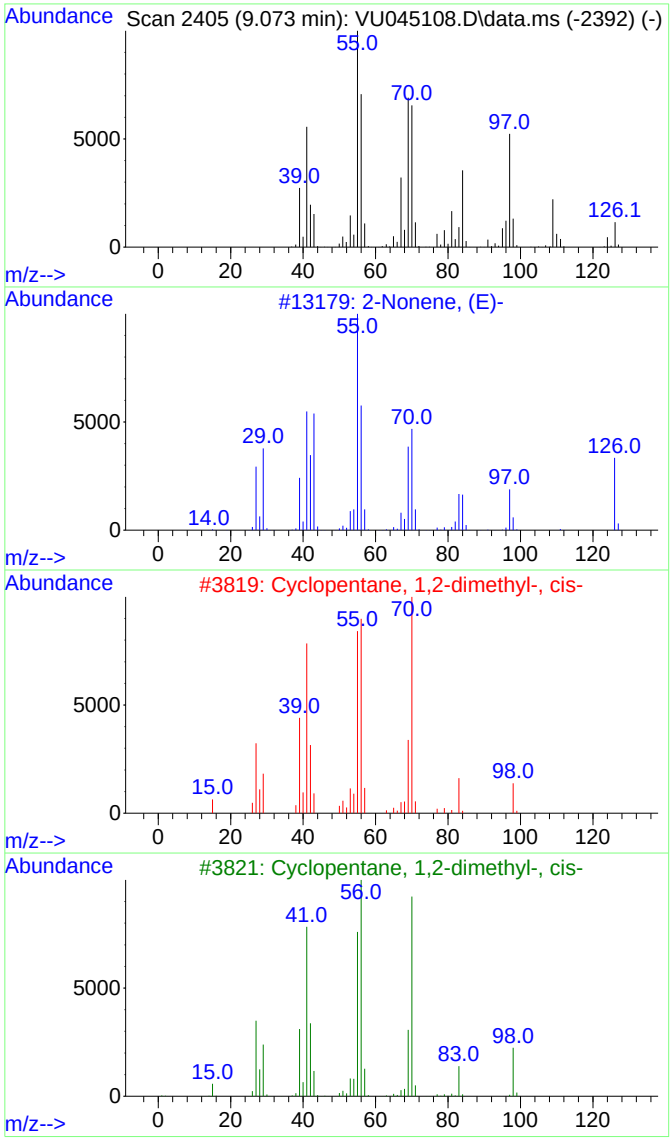
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

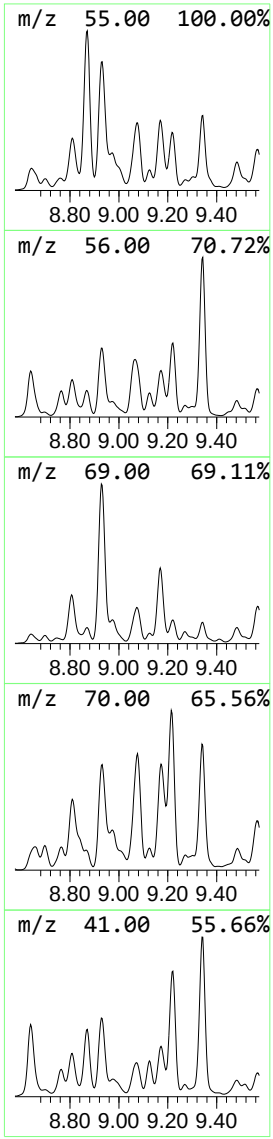
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	249.31 ug/L	4565430	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonene, (E)-	126	C9H18	006434-78-2	58
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	42
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	42
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

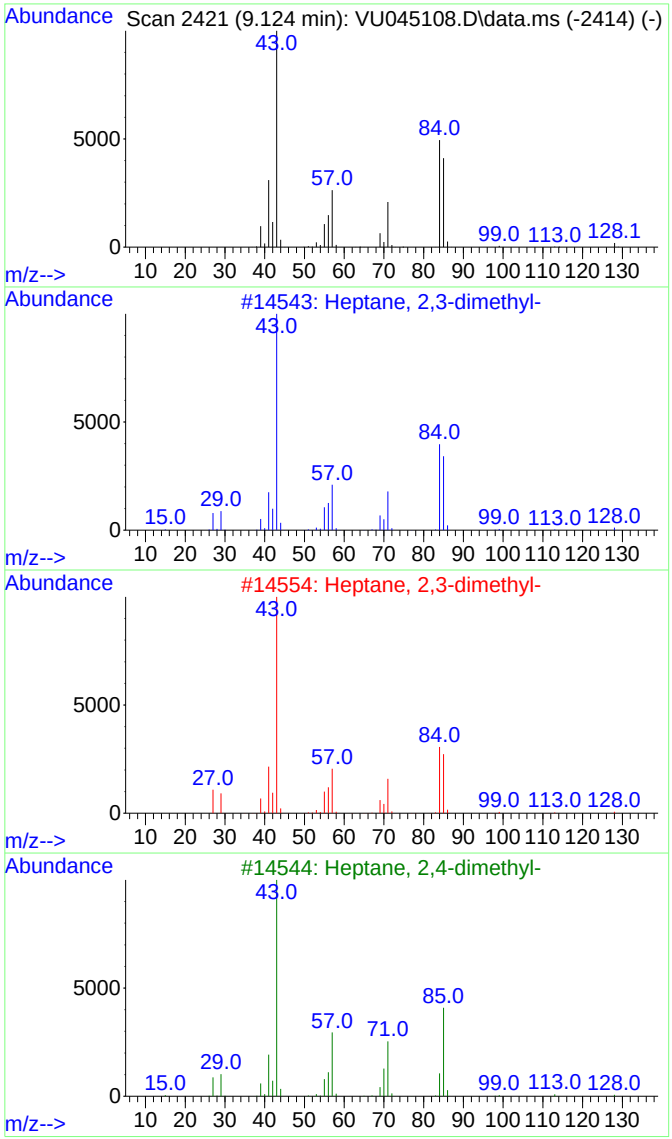
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

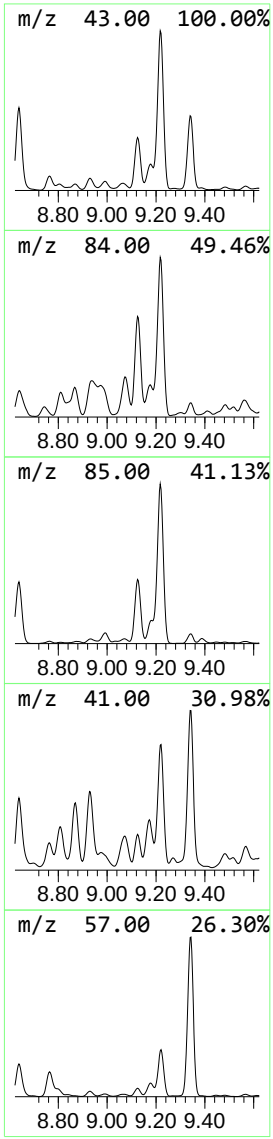
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.124	150.96 ug/L	2764400	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

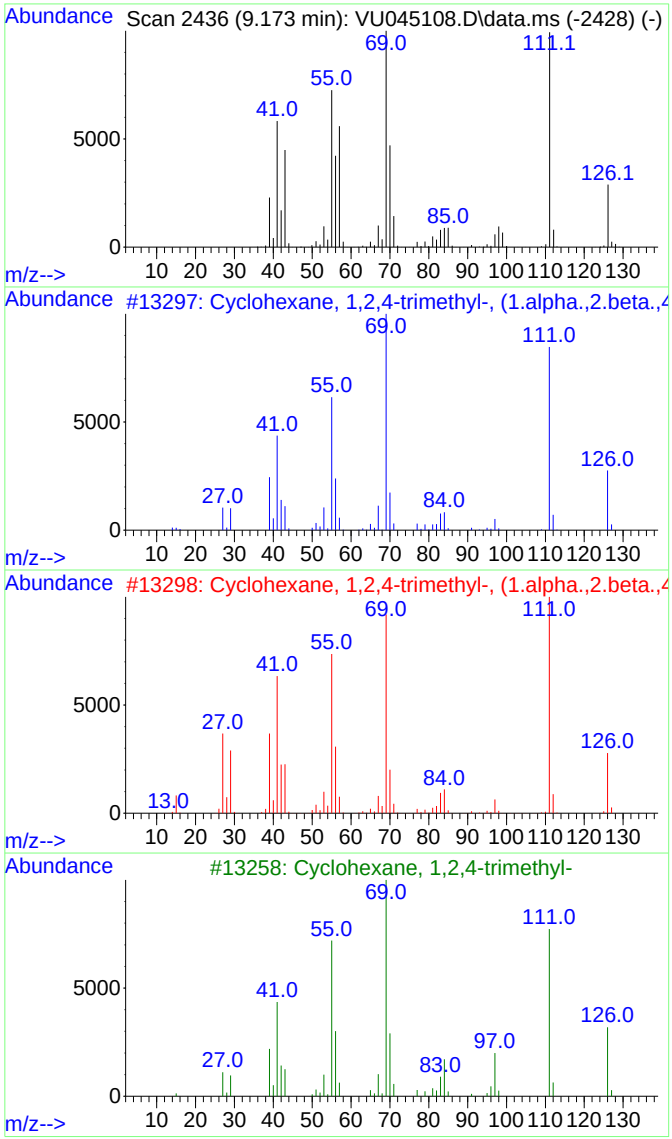
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

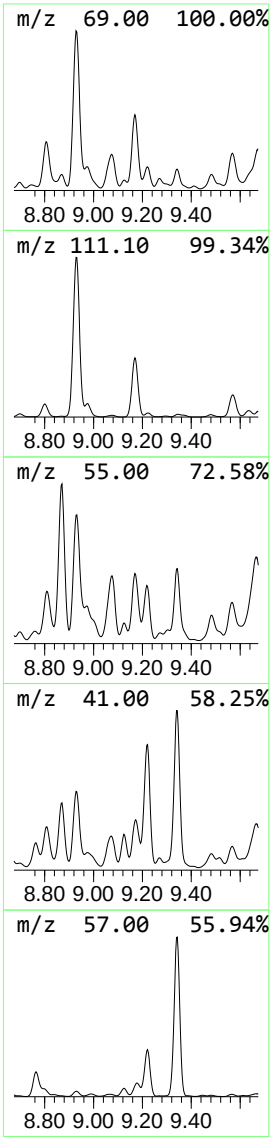
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic9.173 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.173	284.60 ug/L	5211660	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	68
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

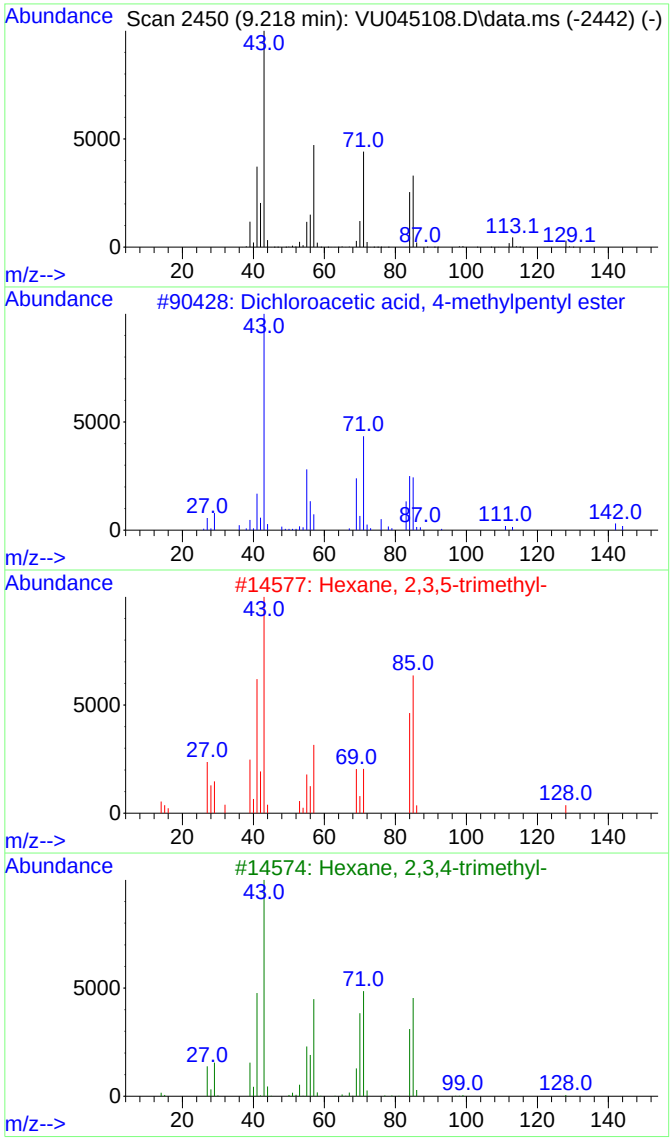
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

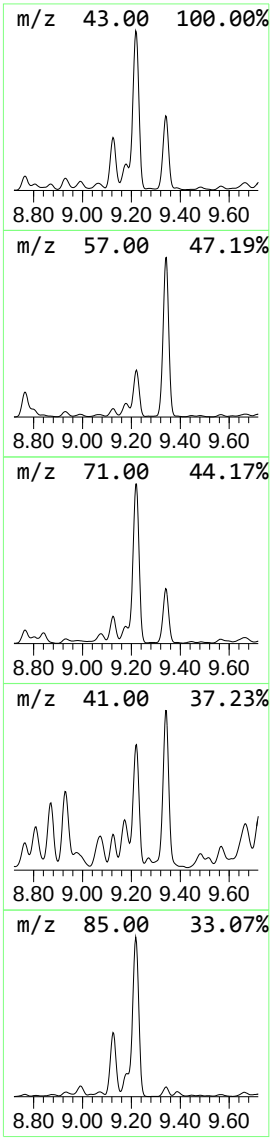
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Dichloroacetic acid, 4-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.218	605.80 ug/L	11093300	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Octane, 4-methyl-	128	C9H20	002216-34-4	59
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

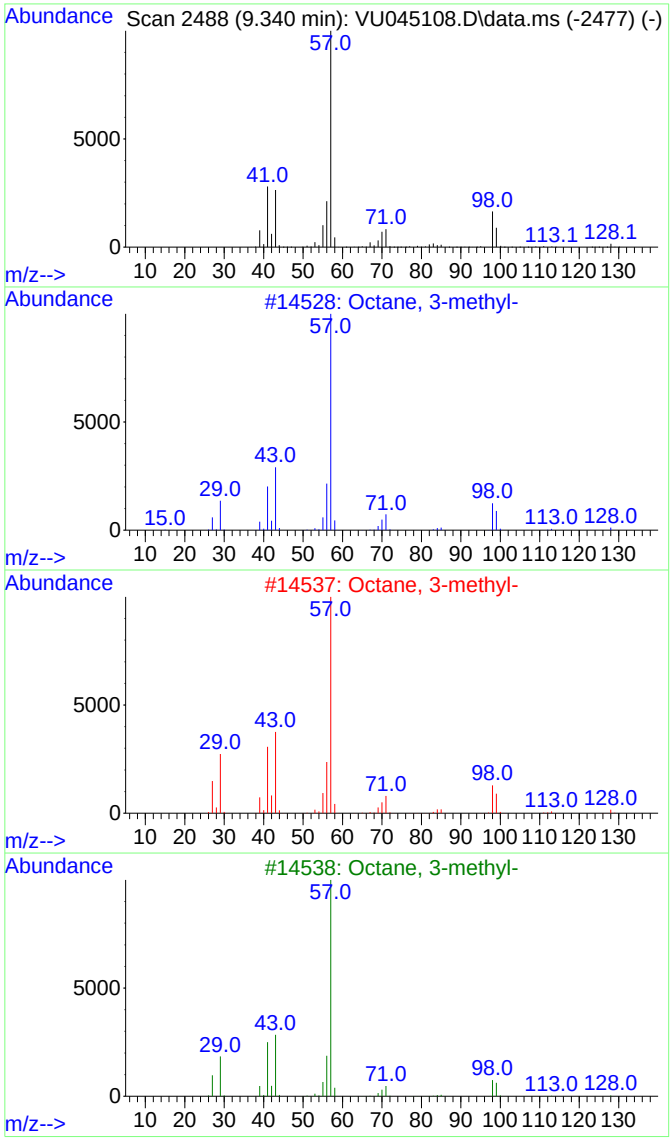
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

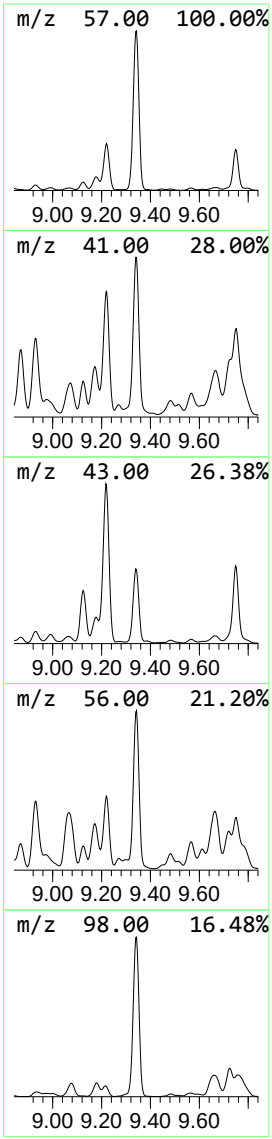
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.340	713.55 ug/L	13066400	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Octane, 3-methyl-	128	C9H20	002216-33-3	87
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

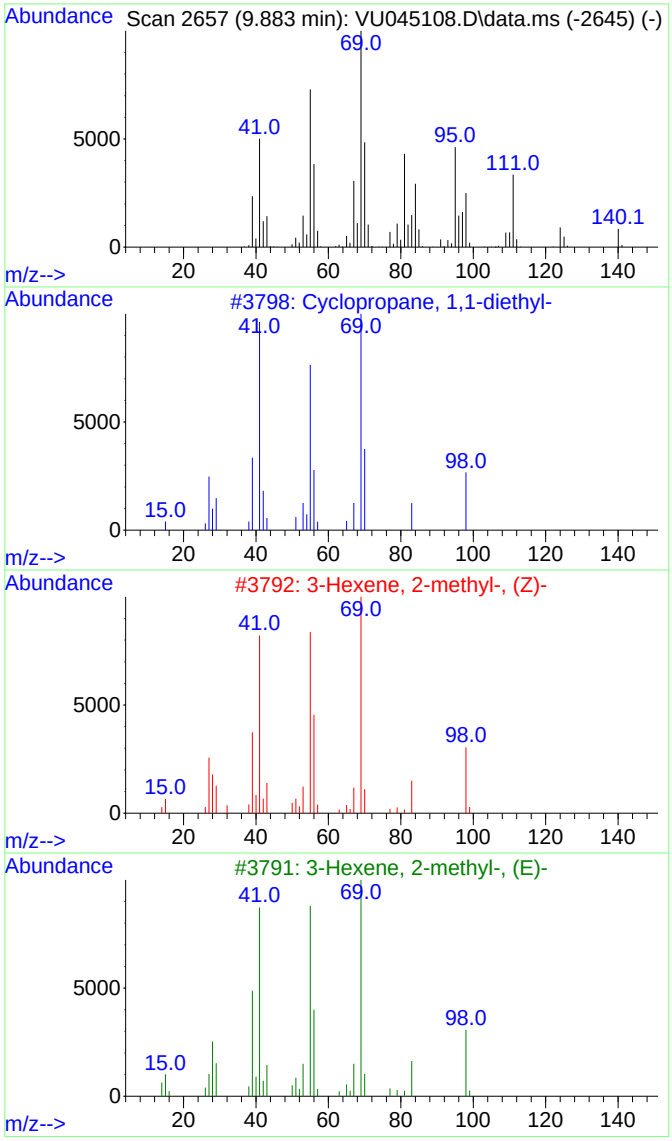
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

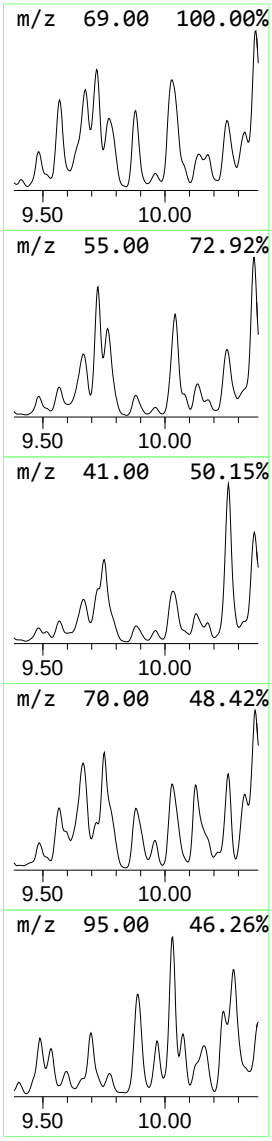
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic9.883 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.883	177.23 ug/L	3245410	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
2	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	45
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	45
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	43
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

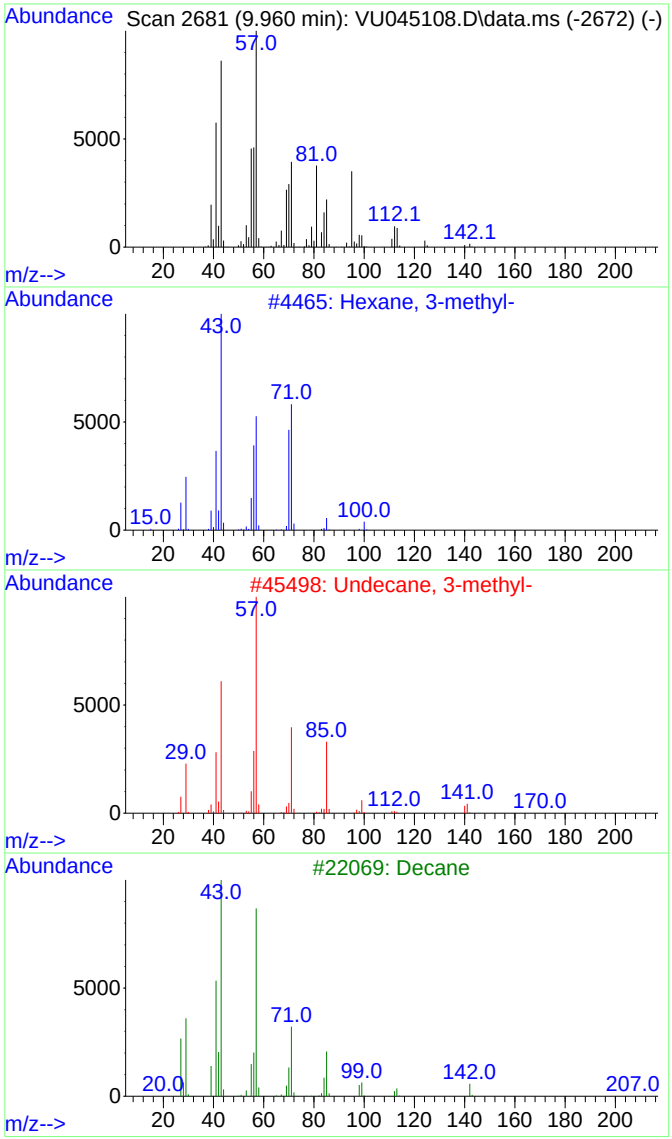
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

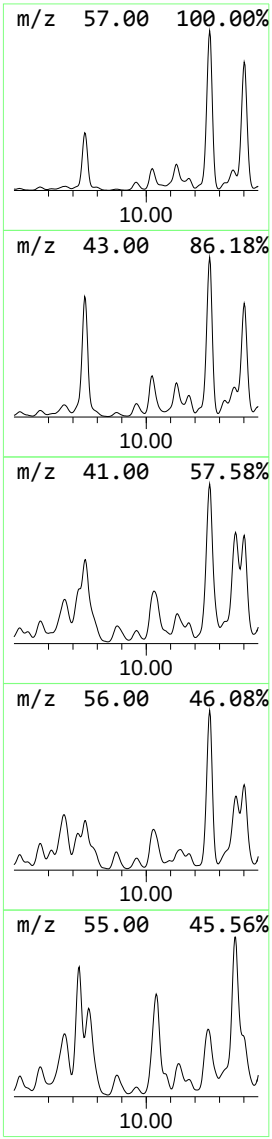
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.960	58.60 ug/L	1073170	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
3	Decane	142	C10H22	000124-18-5	43
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

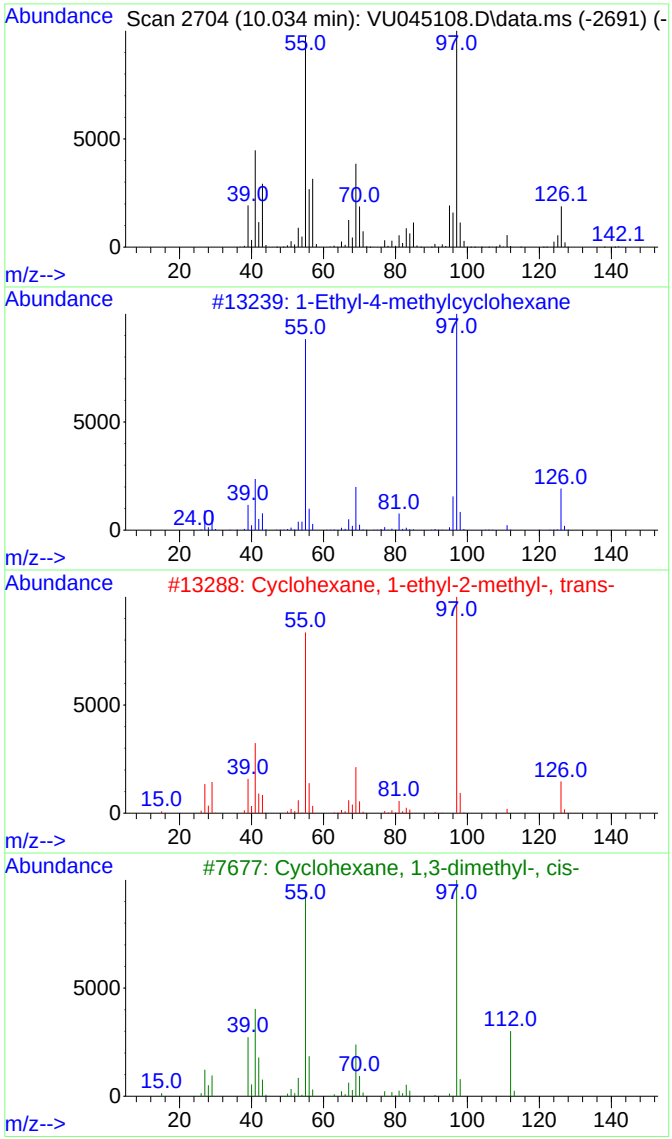
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

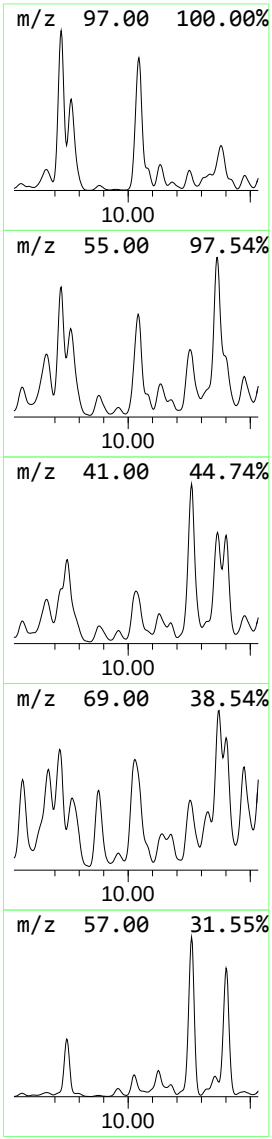
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic10.034 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	548.48 ug/L	10043700	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

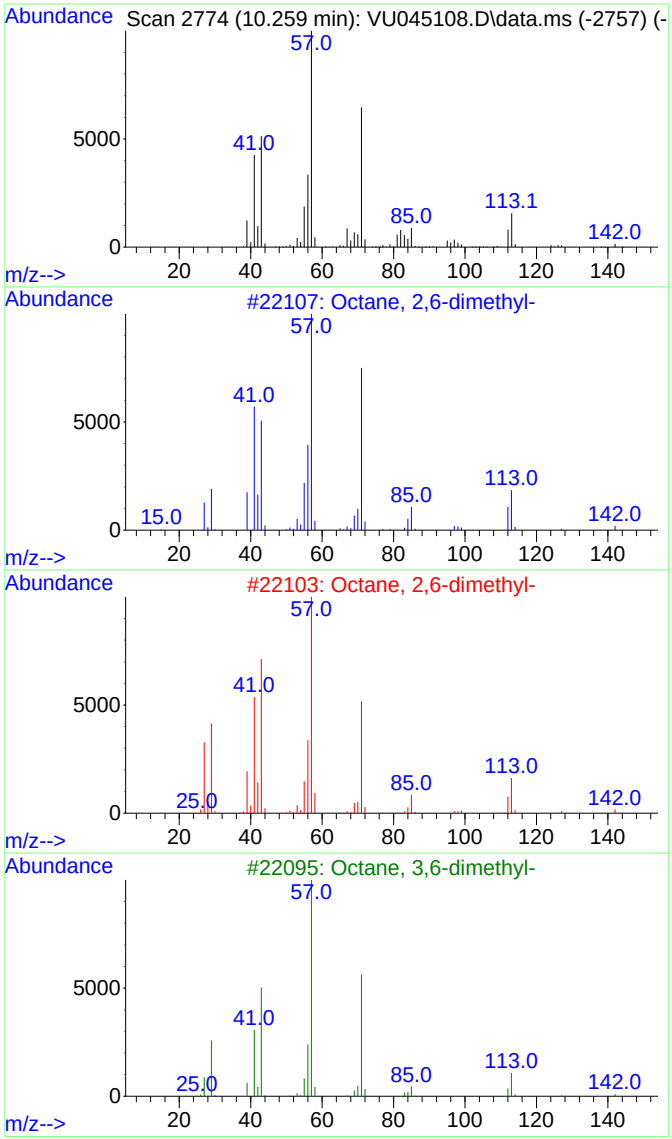
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

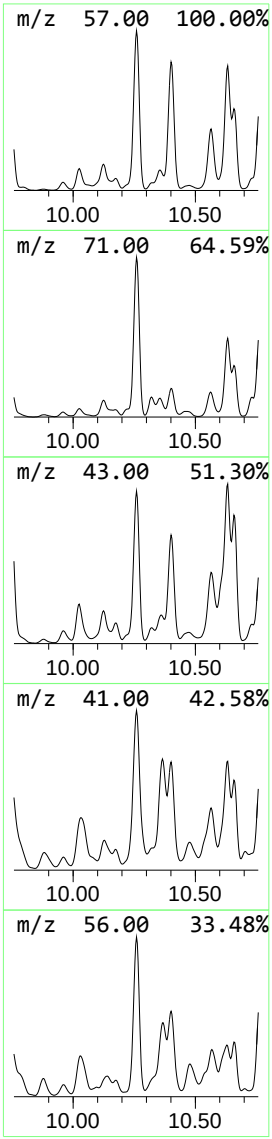
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.259	1117.47 ug/L	20463000	Chlorobenzene-d5	9.433

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	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

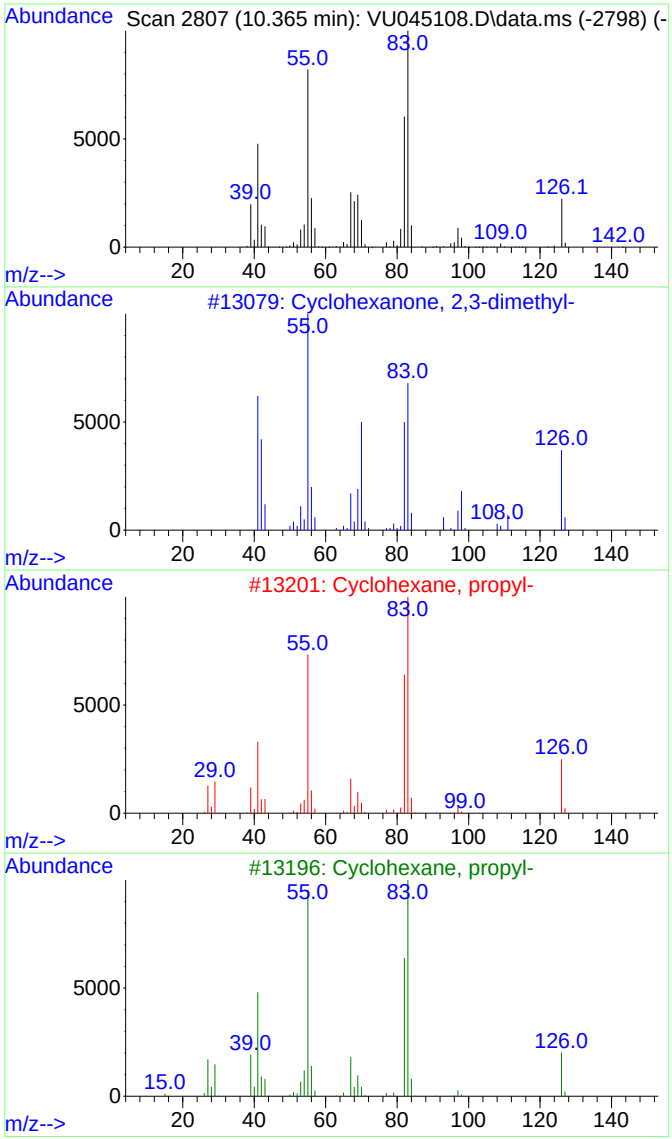
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

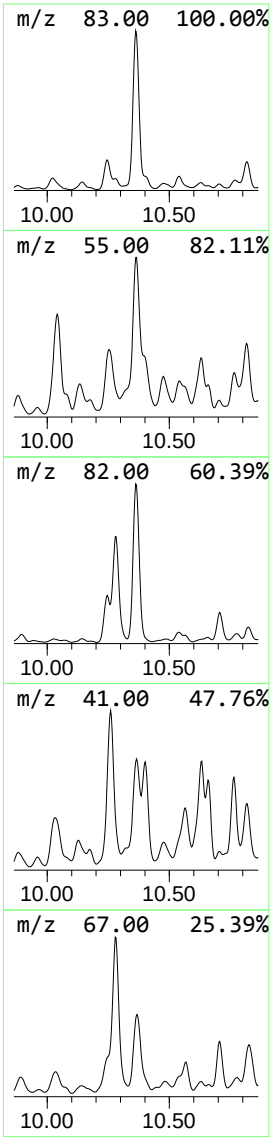
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Cyclohexanone, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.365	526.69 ug/L	9644730	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	80
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

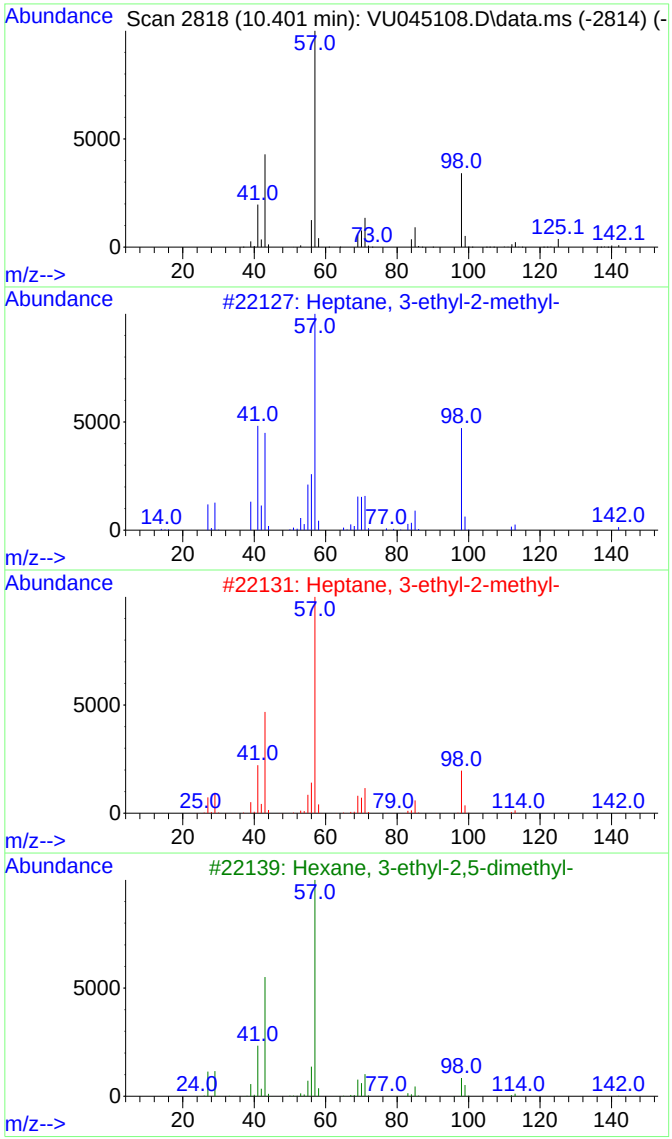
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

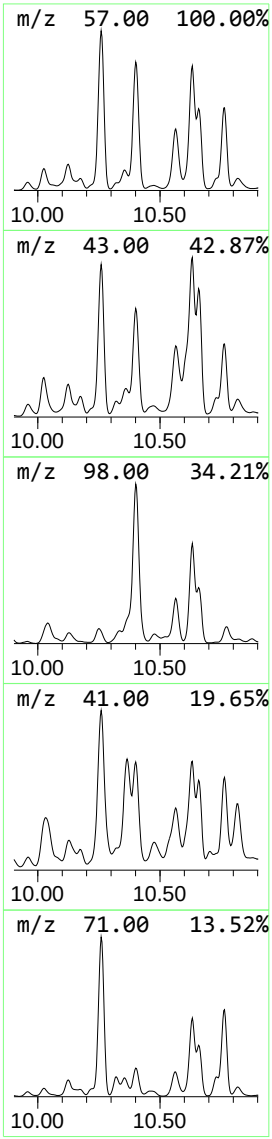
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.401	479.27 ug/L	8776350	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

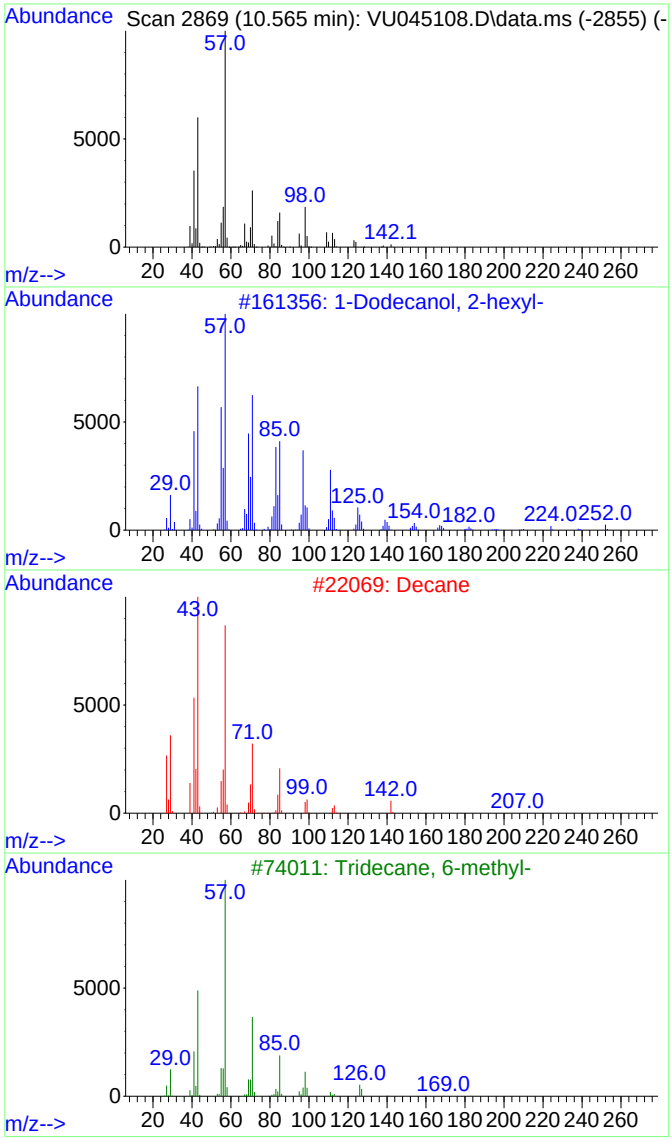
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

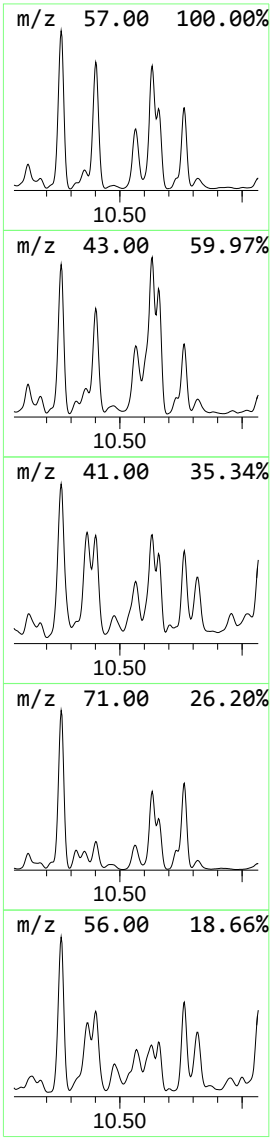
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1-Dodecanol, 2-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.565	346.82 ug/L	6350960	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	50
2	Decane	142	C10H22	000124-18-5	50
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

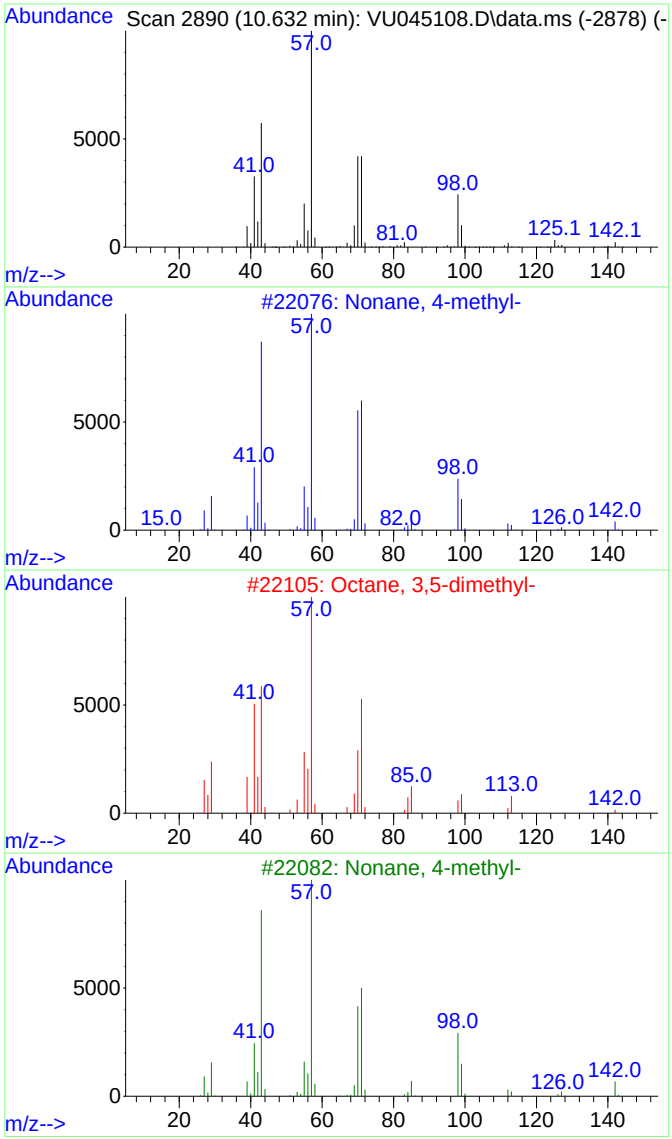
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

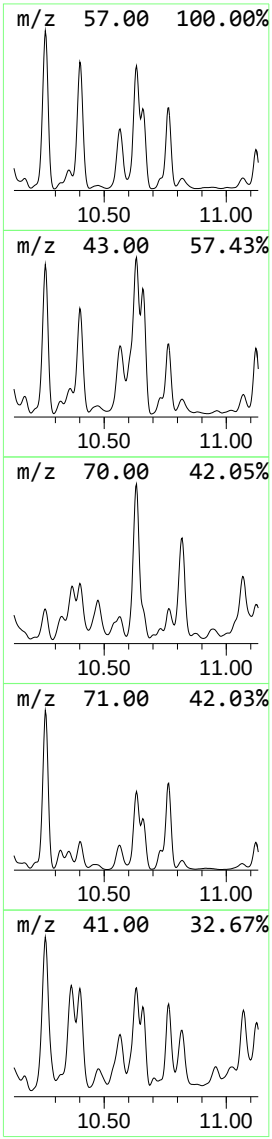
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.632	119.62 ug/L	9851330	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

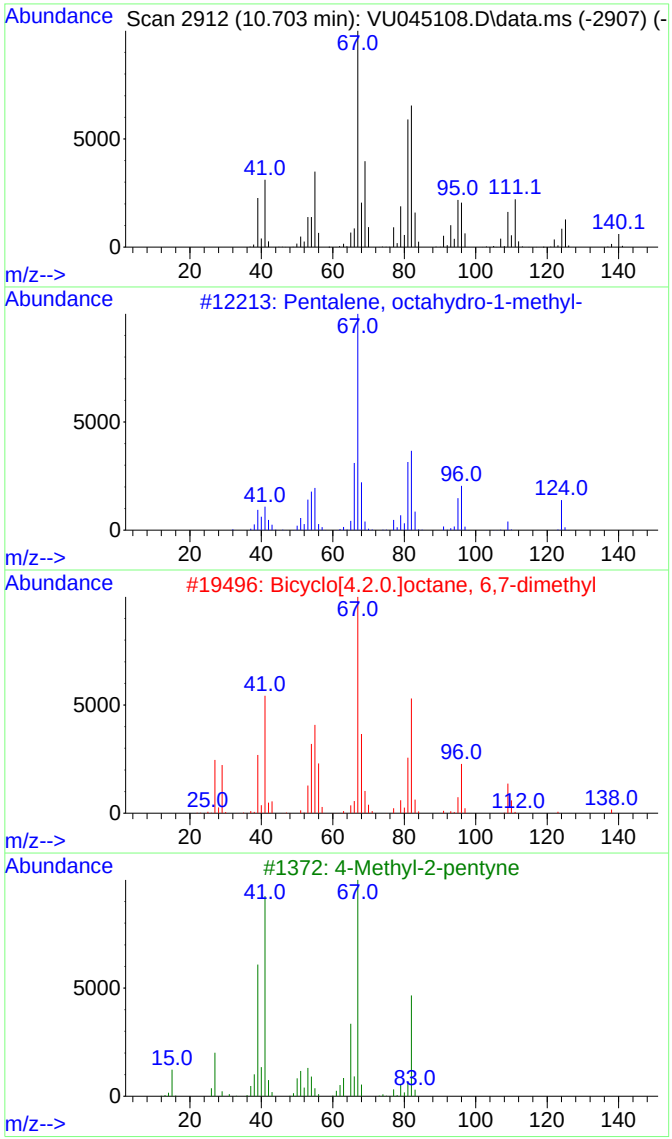
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

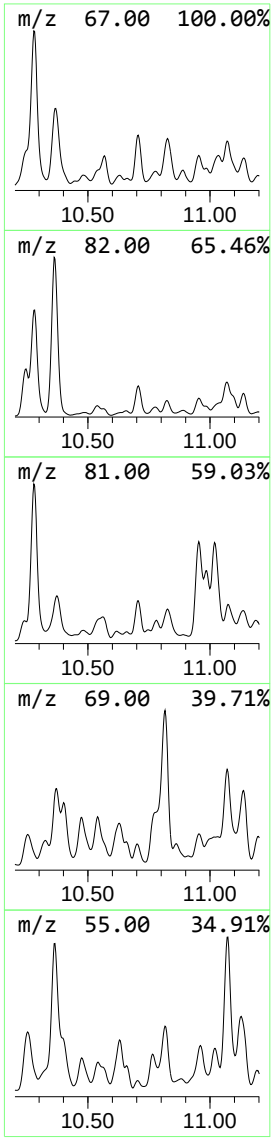
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Pentalene, octahydro-1-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.703	16.64 ug/L	1370320	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	58
2	Bicyclo[4.2.0.]octane, 6,7-dimethyl	138	C10H18	1000063-19-2	58
3	4-Methyl-2-pentyne	82	C6H10	021020-27-9	43
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	43
5	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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

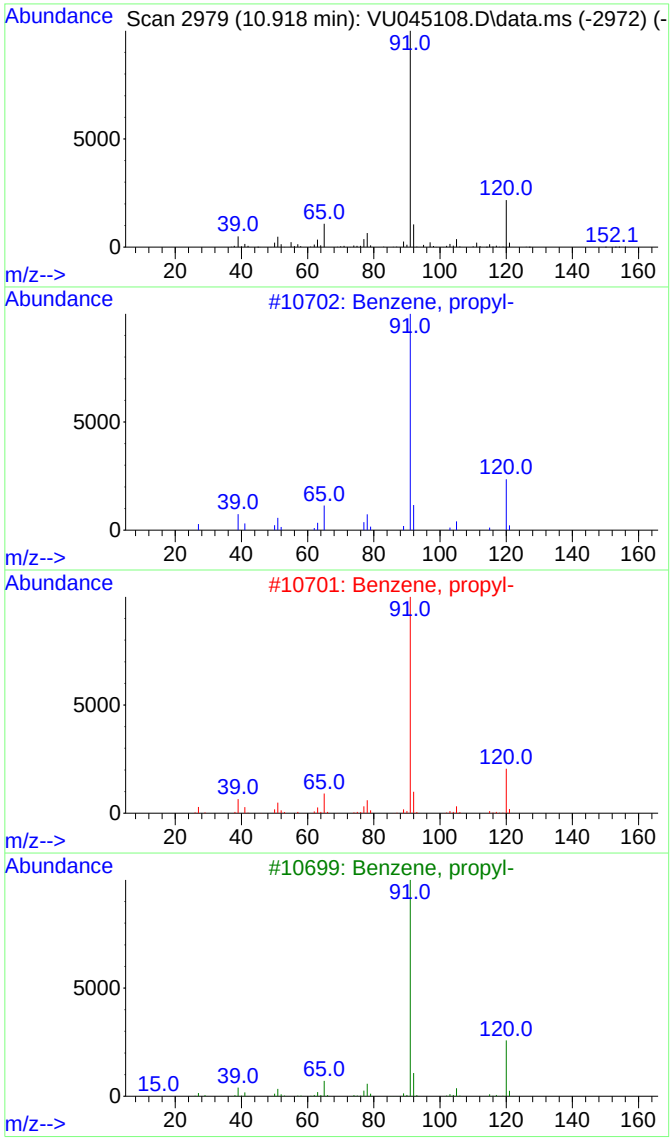
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

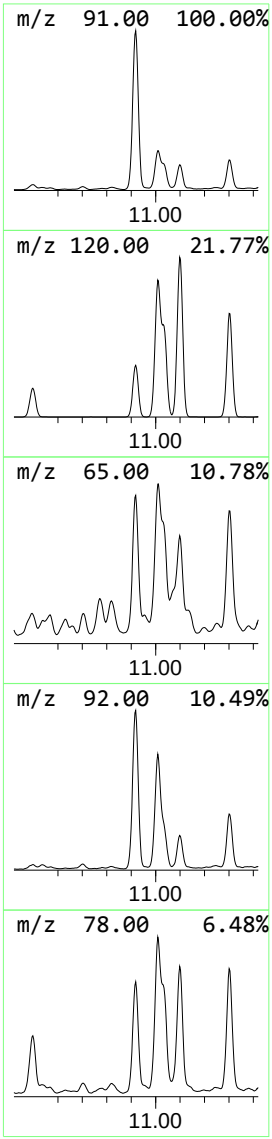
****

Peak Number 40 Benzene, propyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.919	20.32 ug/L	1673780	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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

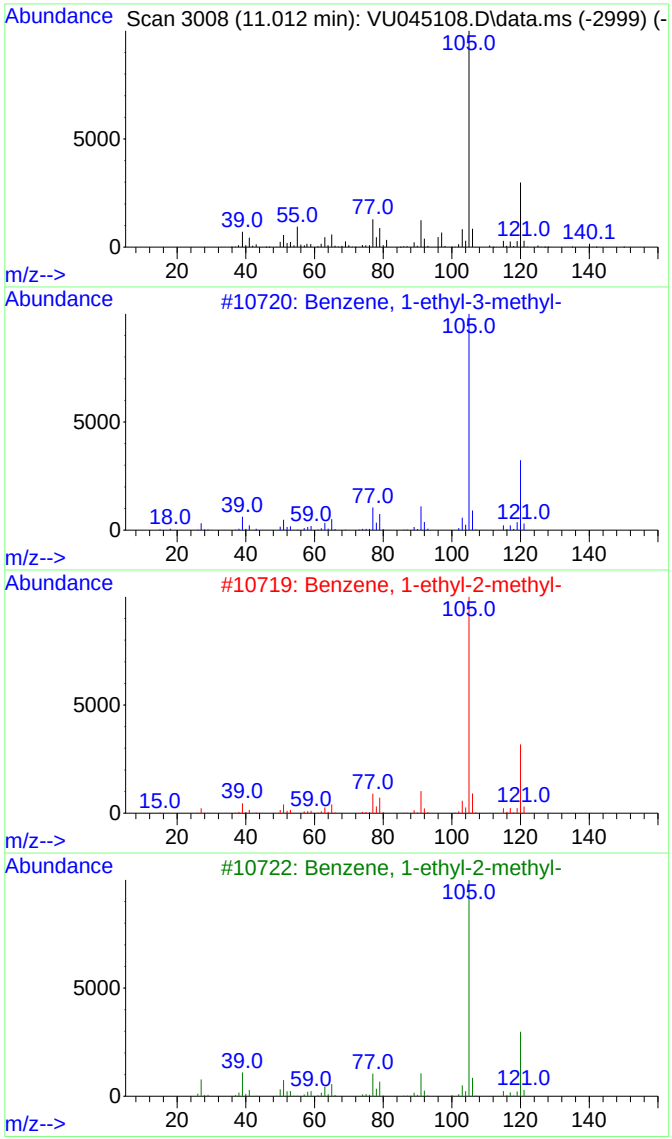
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

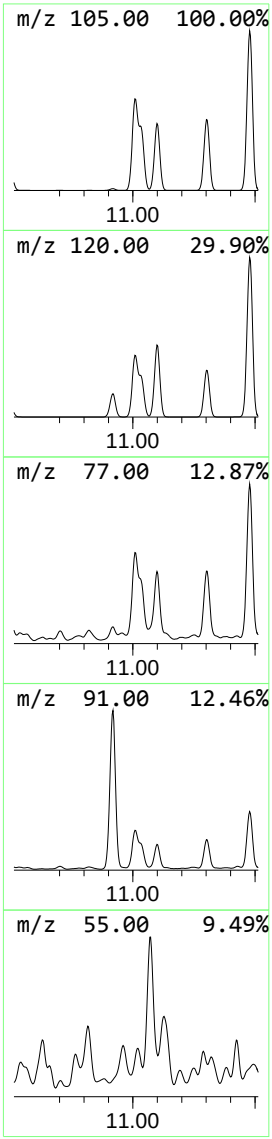
****

Peak Number 41 Benzene, 1-ethyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.012	107.82 ug/L	8879840	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Mesitylene	120	C9H12	000108-67-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

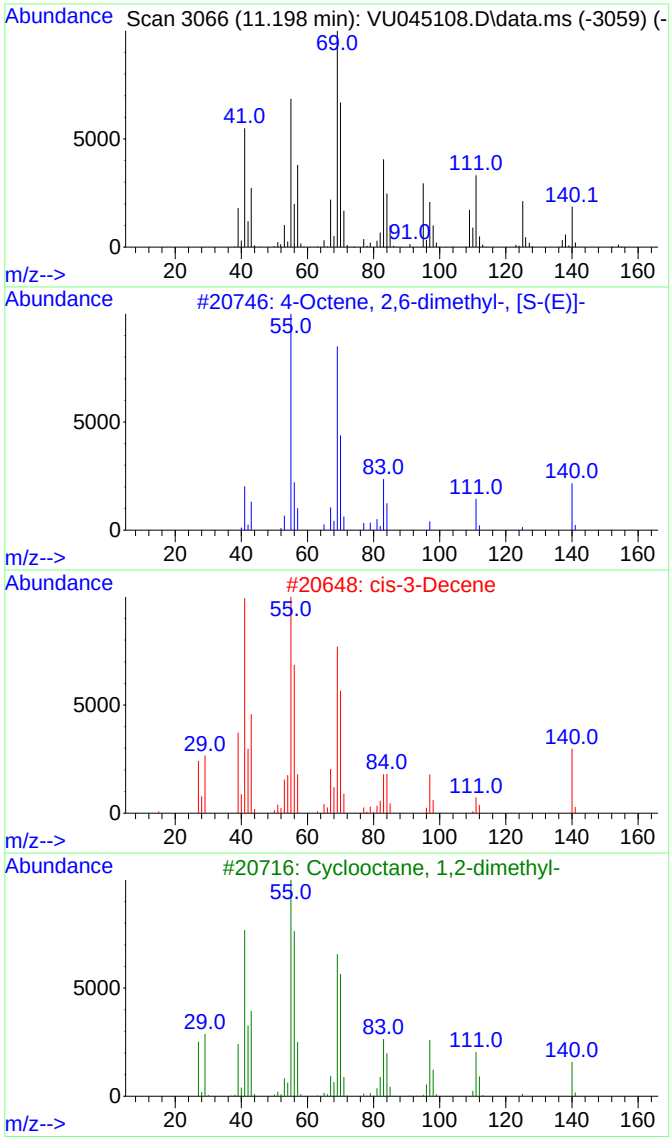
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

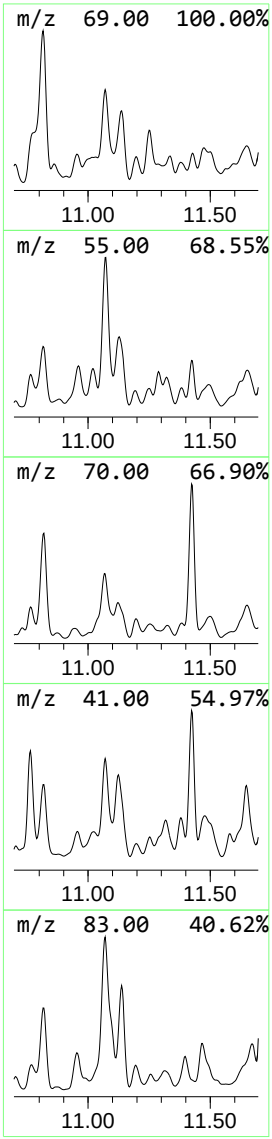
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	14.28 ug/L	1175900	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	76
2	cis-3-Decene	140	C10H20	019398-86-8	70
3	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	64
4	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	58
5	trans-4-Decene	140	C10H20	019398-89-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

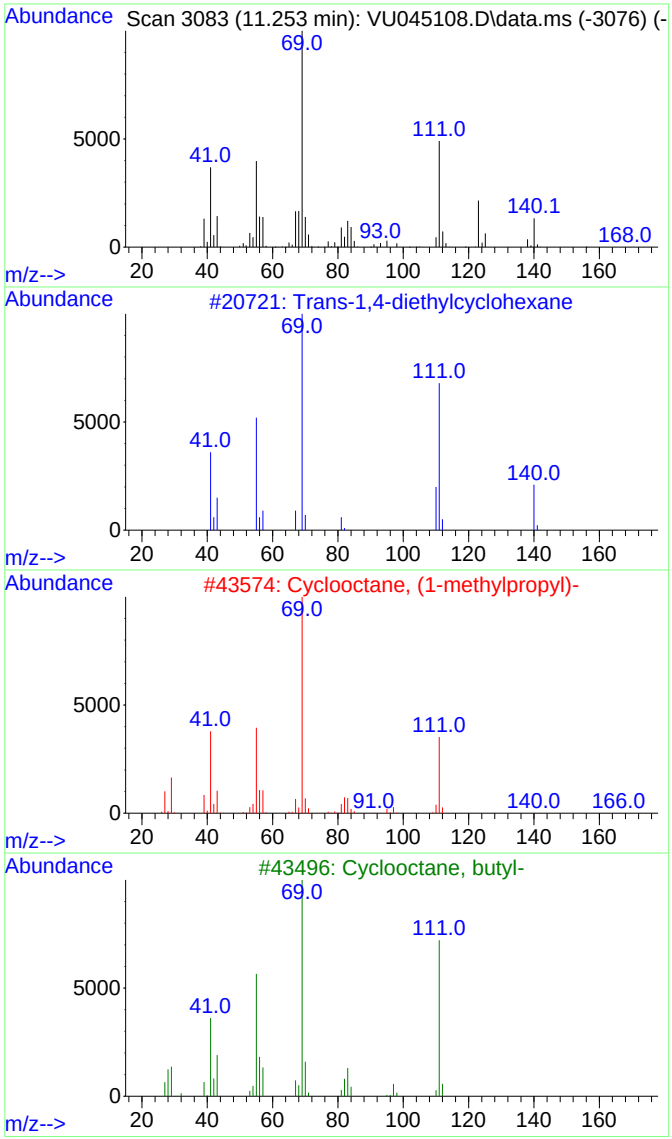
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

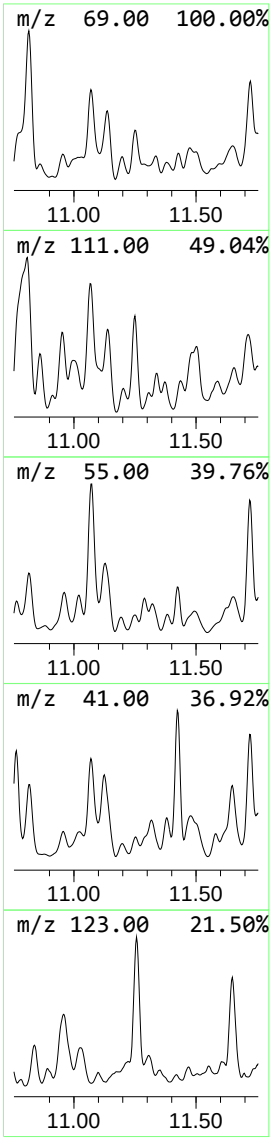
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic11.253 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.253	16.04 ug/L	1320670	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	62
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
4	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	53
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

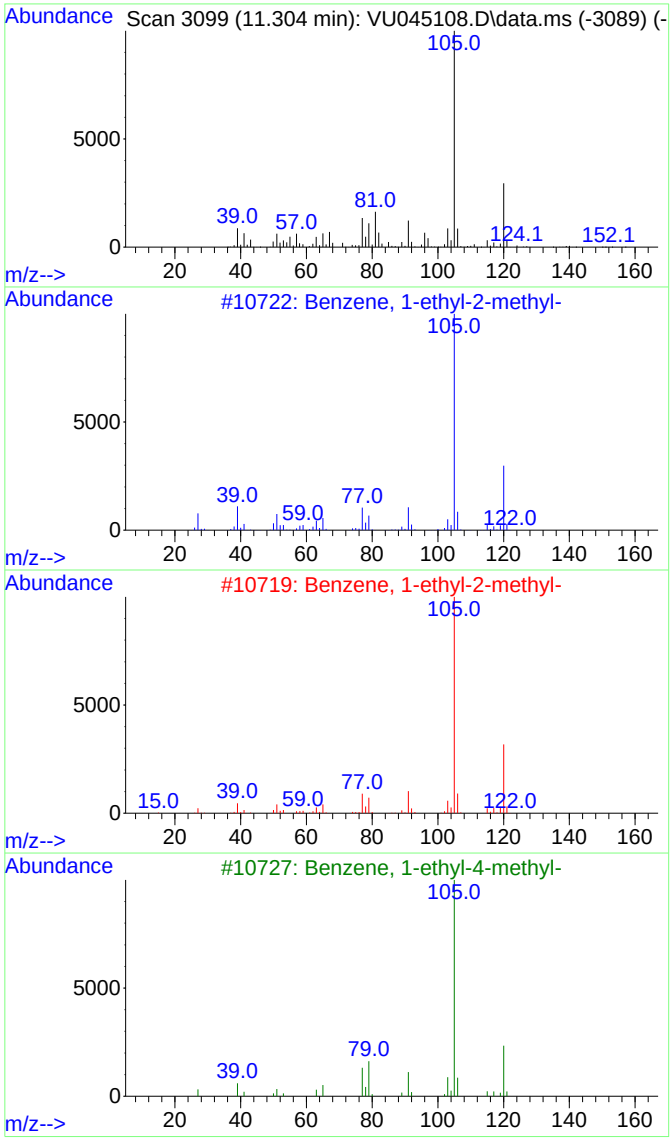
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

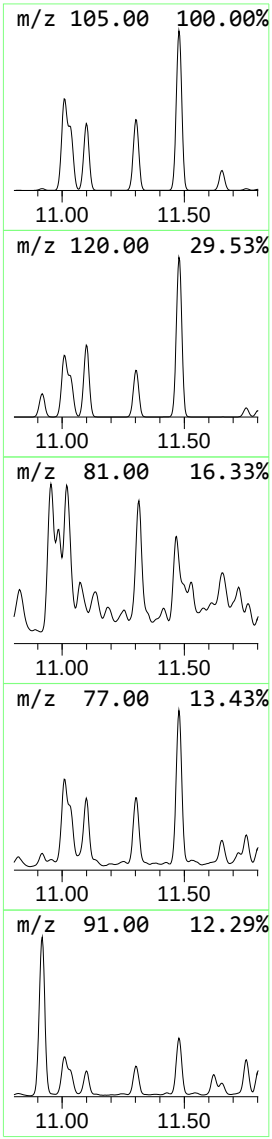
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1-ethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	104.97 ug/L	8644930	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	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-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

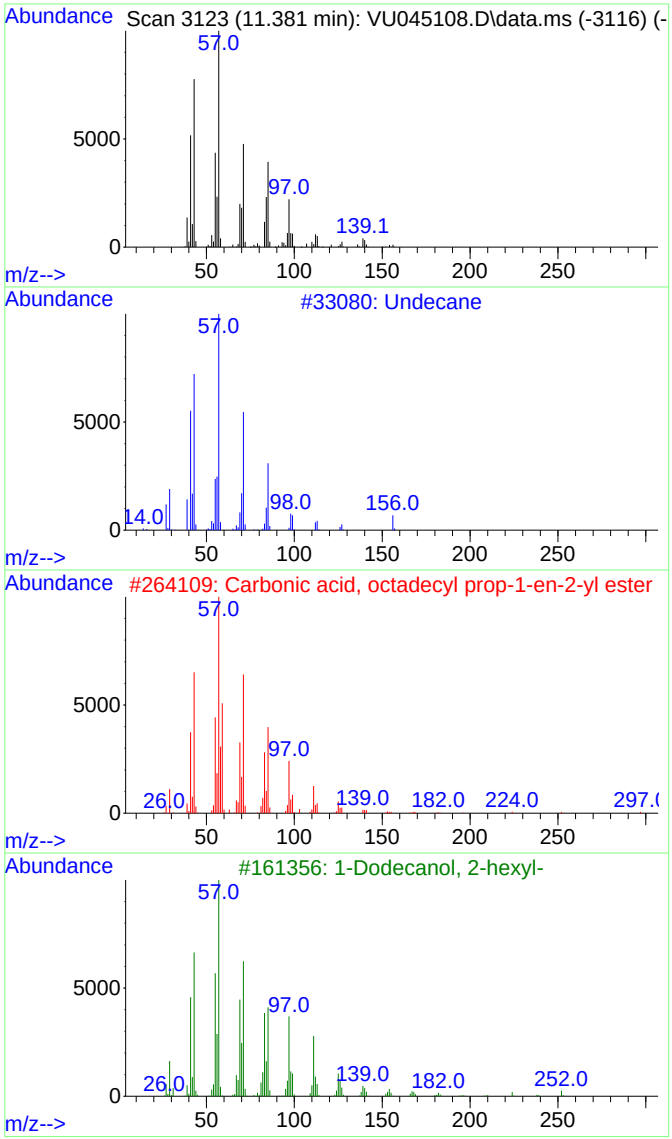
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

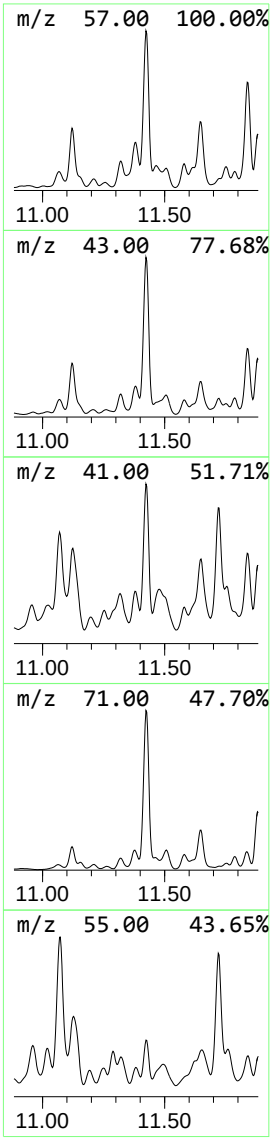
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.382	25.80 ug/L	2125110	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	81
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	64
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	59
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
5	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

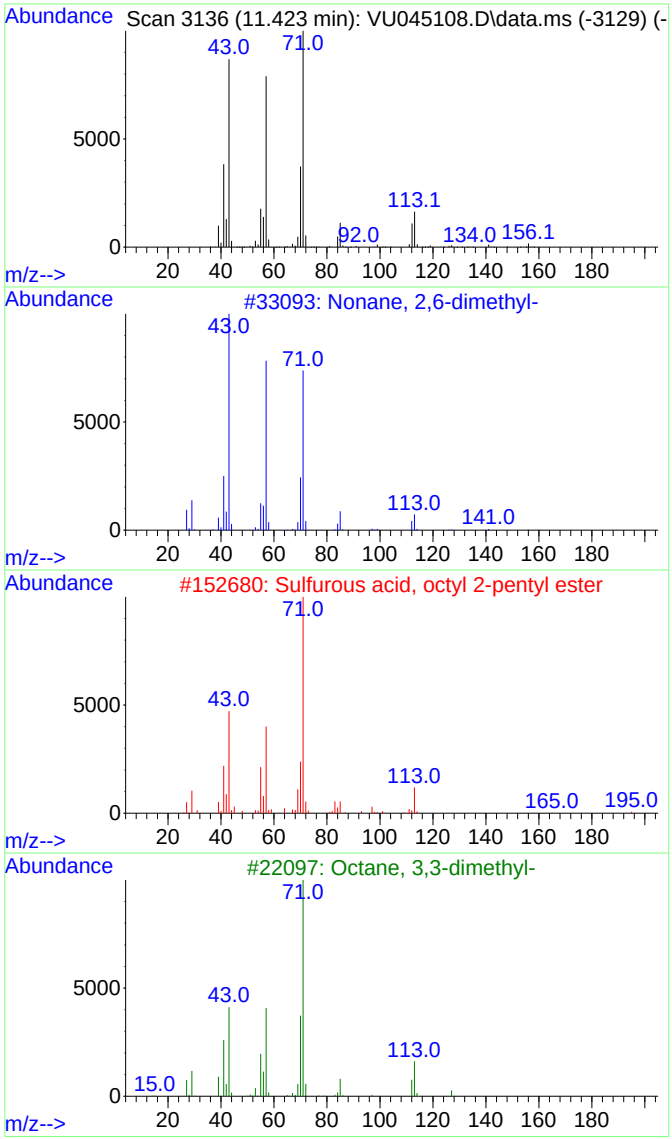
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

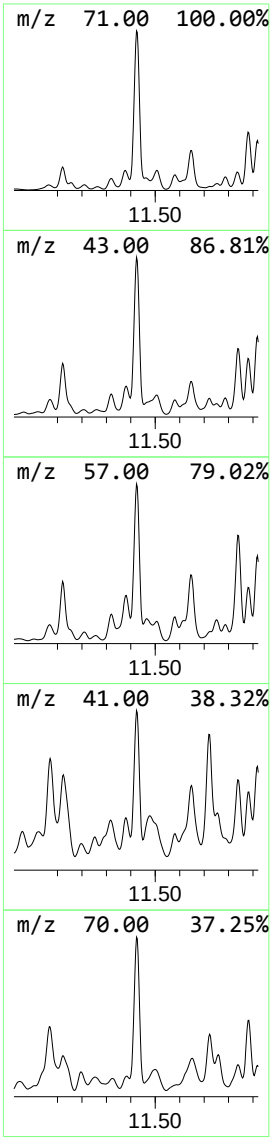
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.423	125.10 ug/L	10303100	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	72
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Decane, 4-methyl-	156	C11H24	002847-72-5	70
5	Decane, 4-methyl-	156	C11H24	002847-72-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

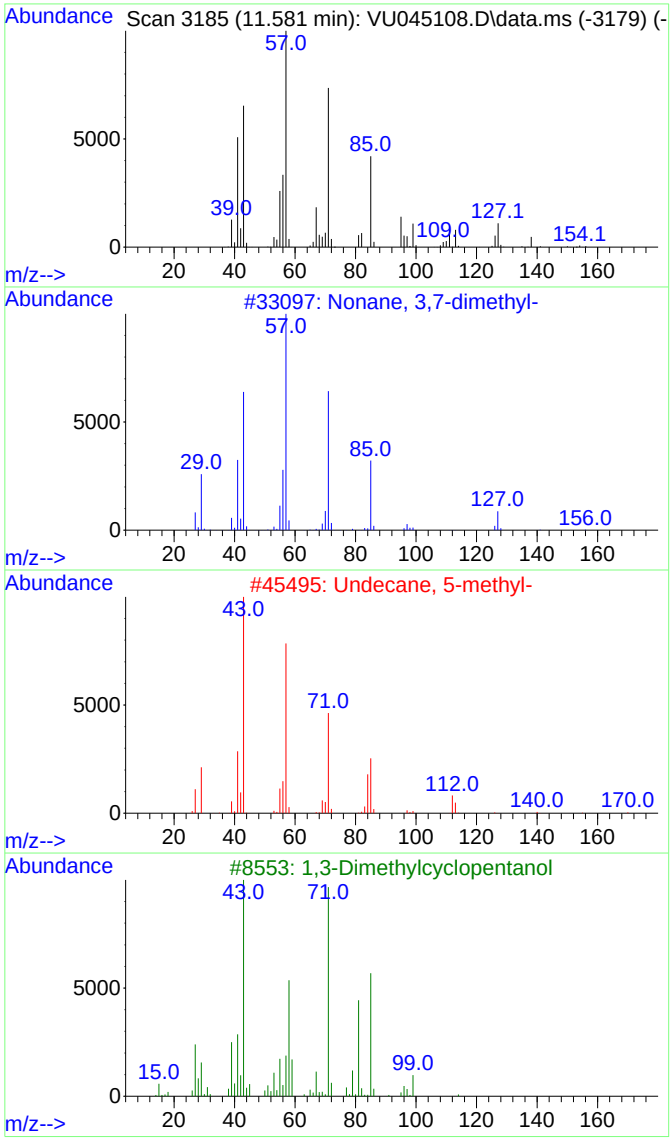
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

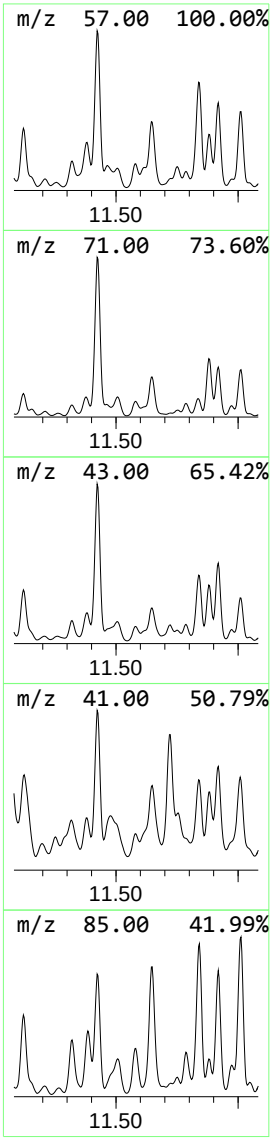
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.581	14.04 ug/L	1156270	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
4	2-Ethylbutyric acid, 4-methylpen...	200	C12H24O2	1000370-50-4	50
5	Decane, 3-methyl-	156	C11H24	013151-34-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

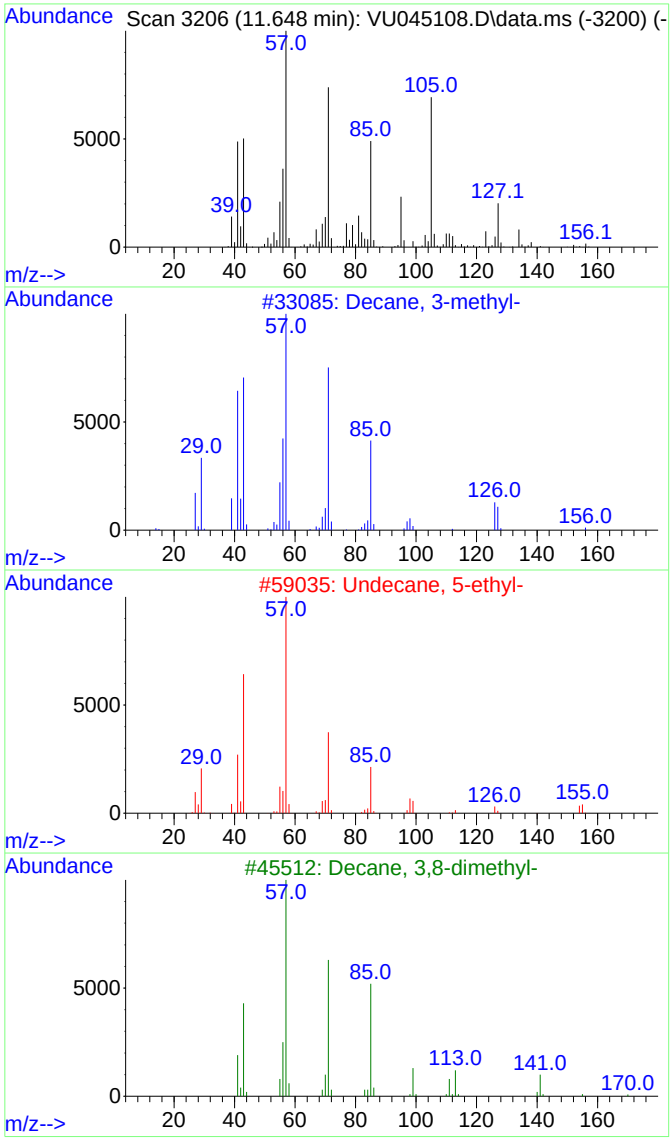
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

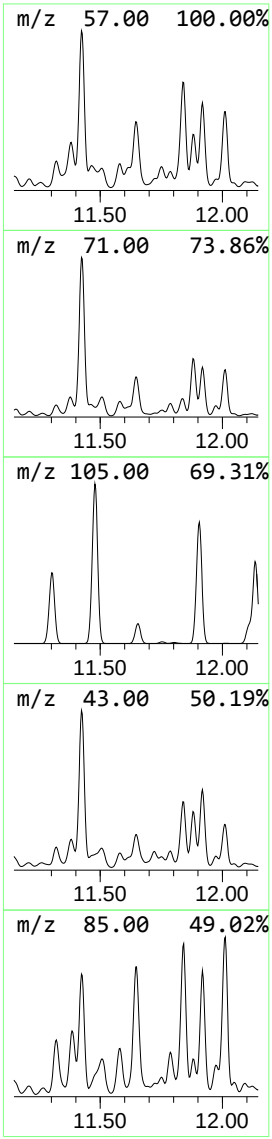
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.648	75.55 ug/L	6221710	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	50
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

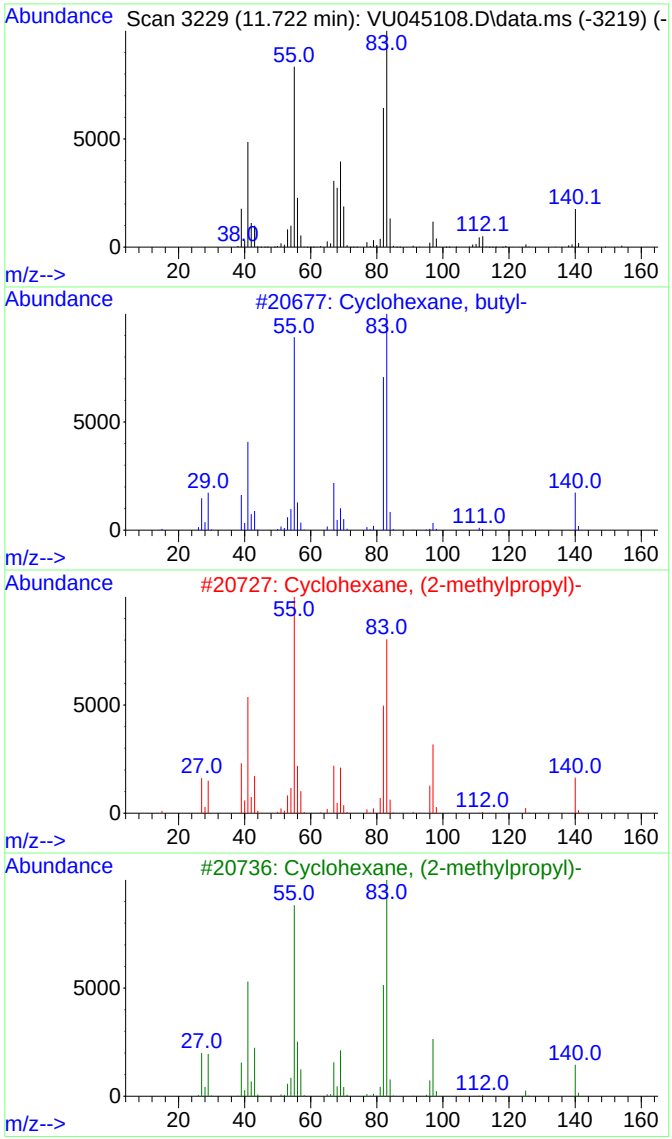
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

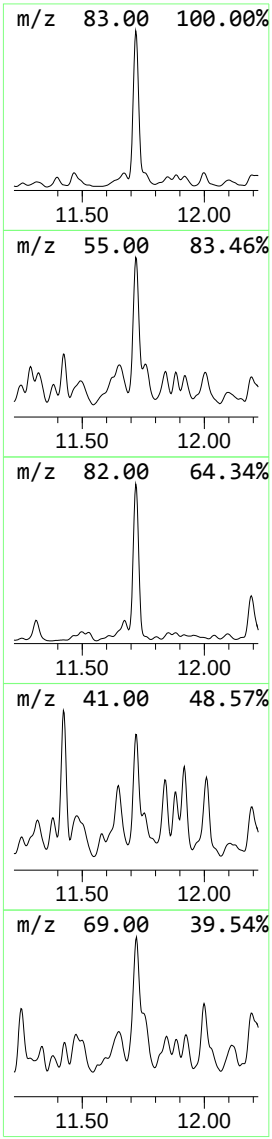
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Cyclic11.722 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	113.56 ug/L	9352530	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

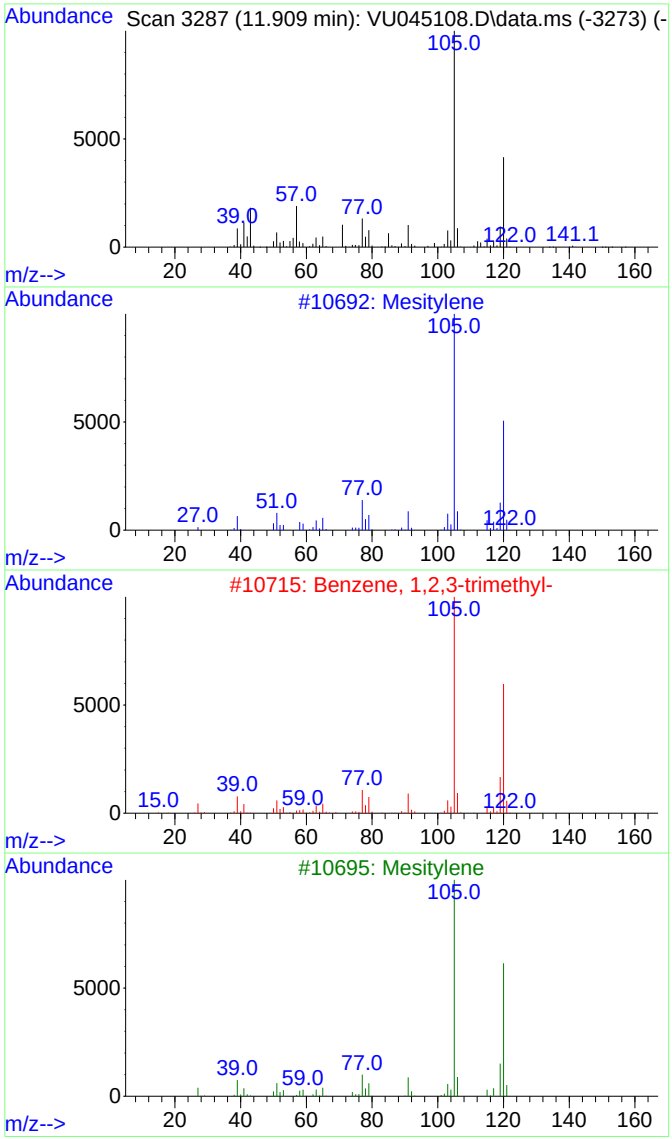
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

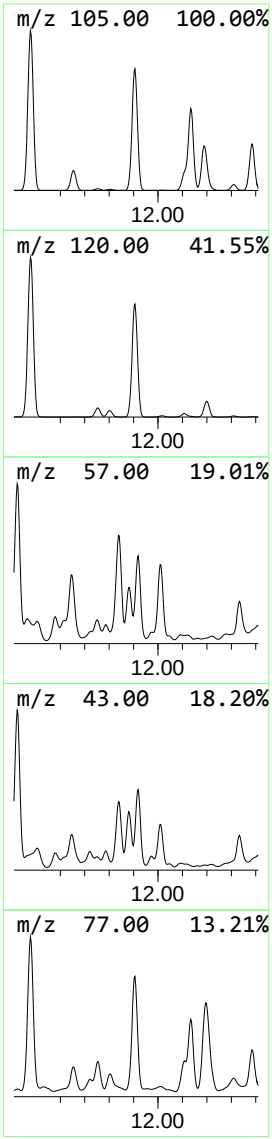
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.909	196.15 ug/L	16154700	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

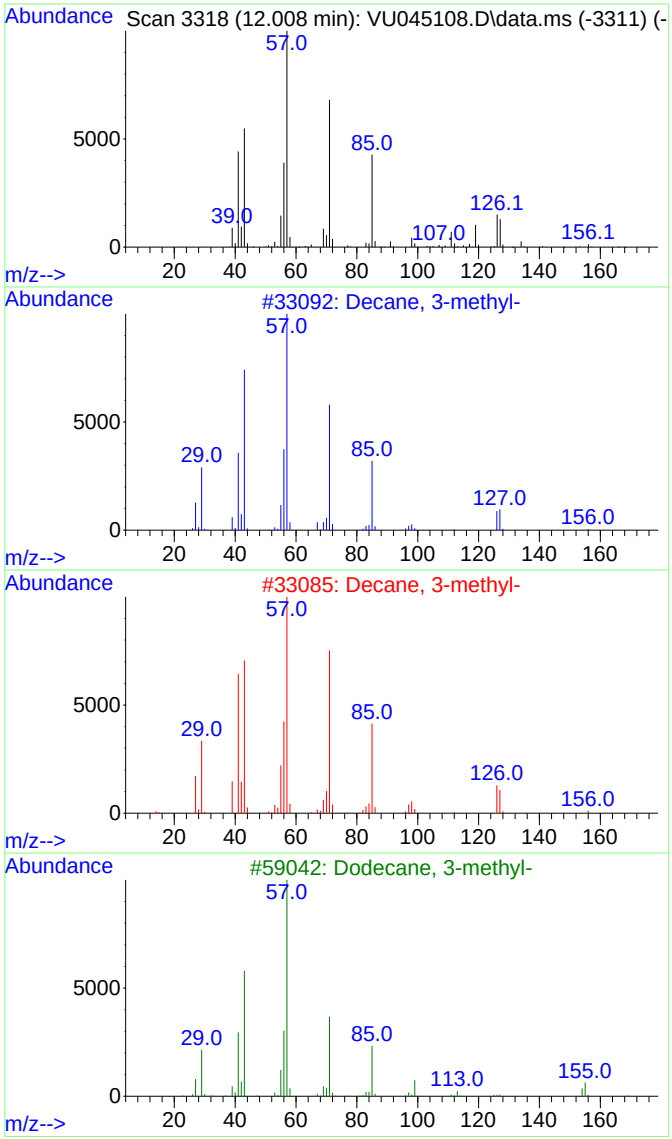
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

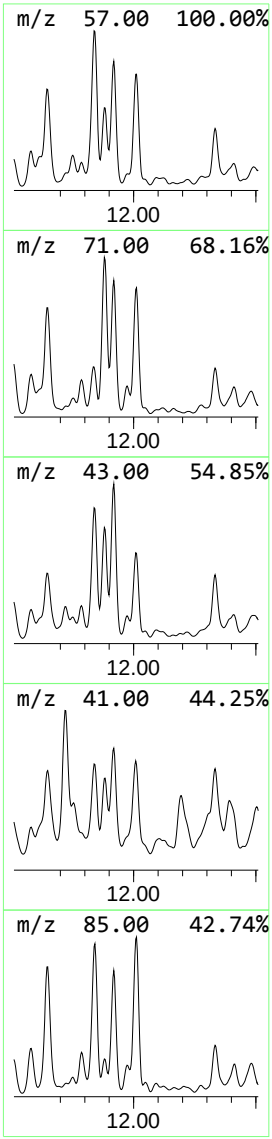
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.009	87.27 ug/L	7187570	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	78
2	Decane, 3-methyl-	156	C11H24	013151-34-3	68
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

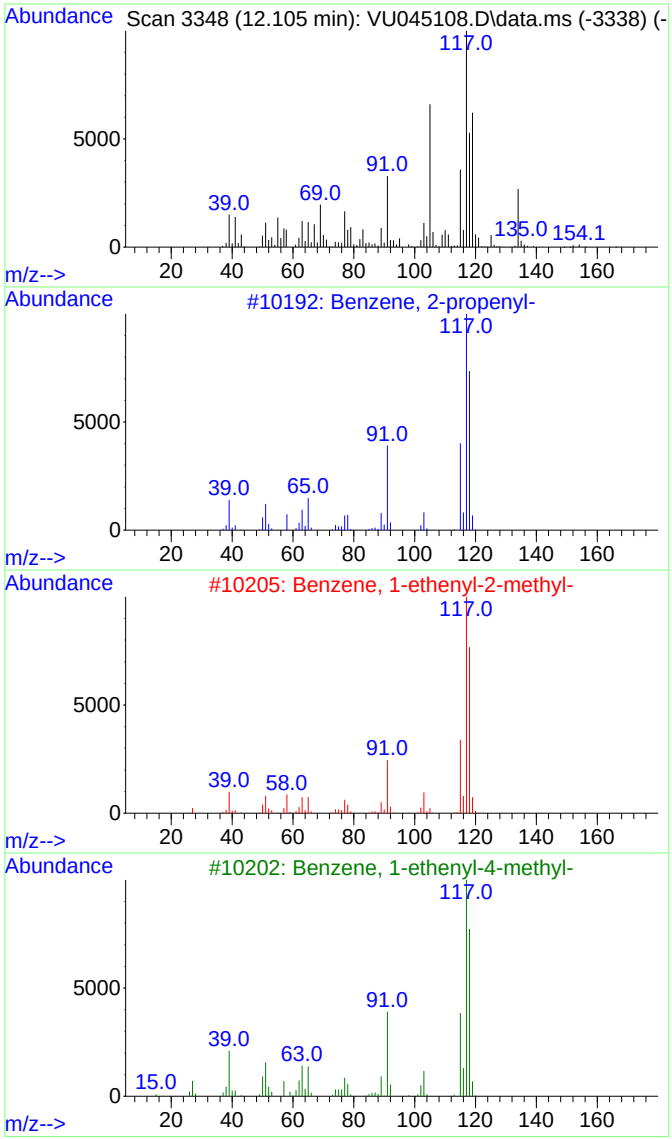
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

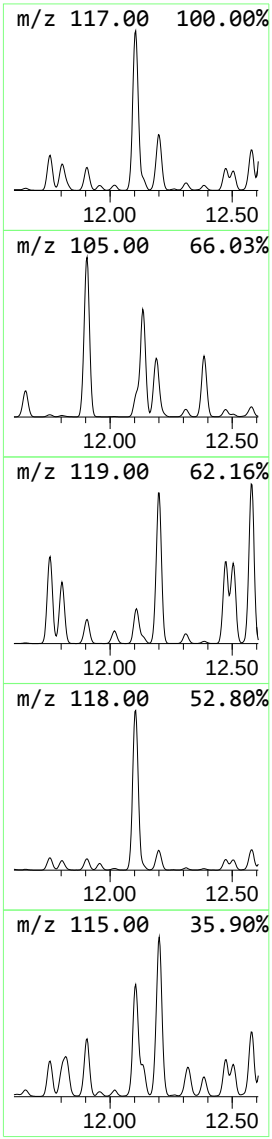
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 2-propenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.105	53.54 ug/L	4409060	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	80
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

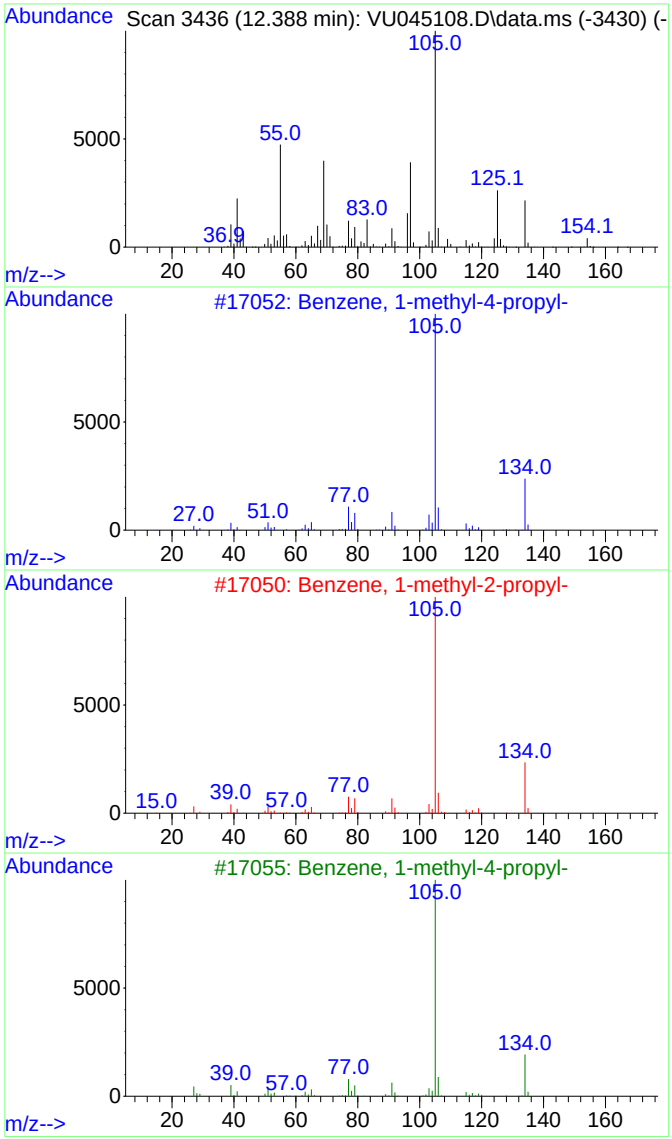
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

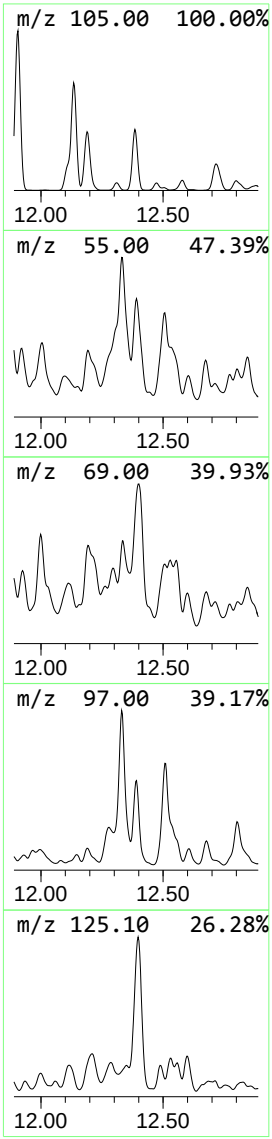
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1-methyl-4-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.388	90.69 ug/L	7468640	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	60
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

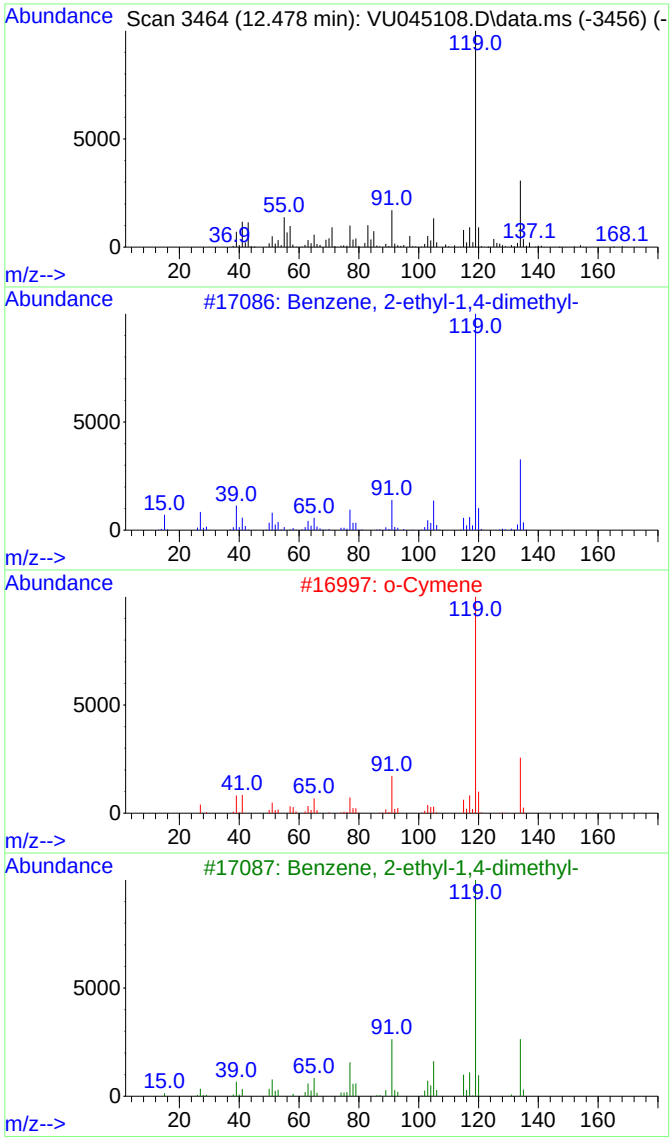
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

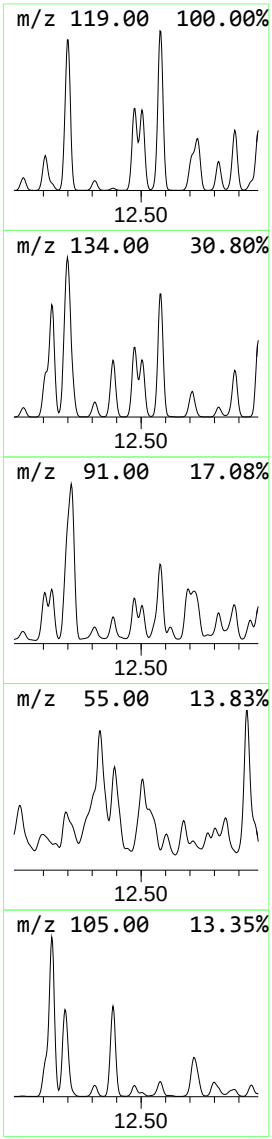
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.478	27.71 ug/L	2282170	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	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

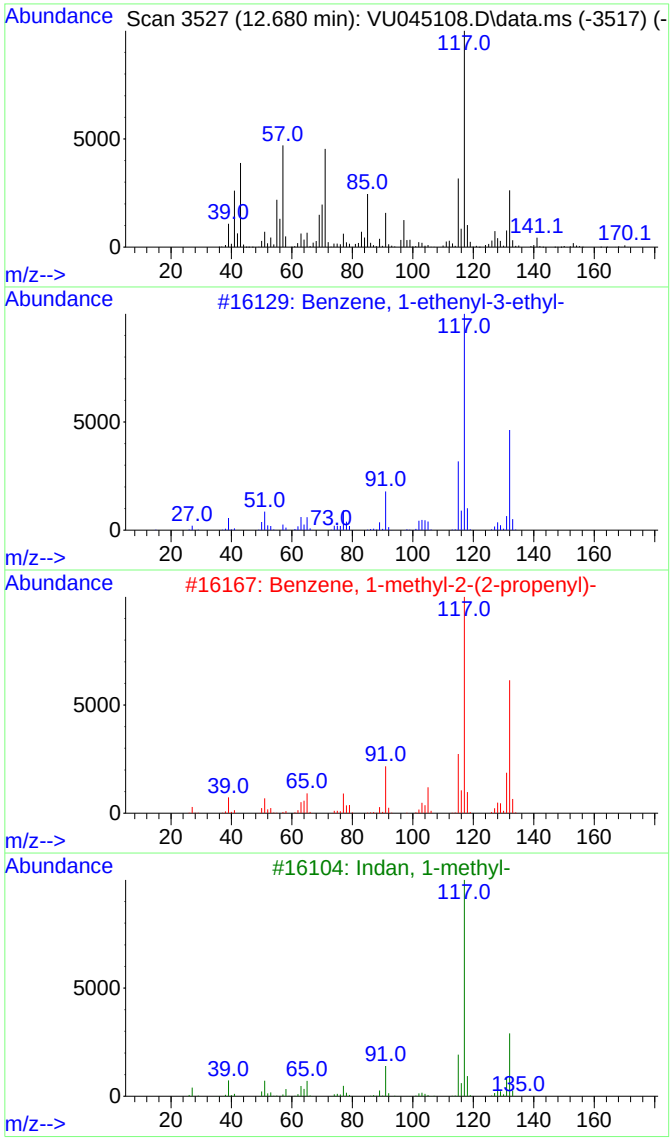
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

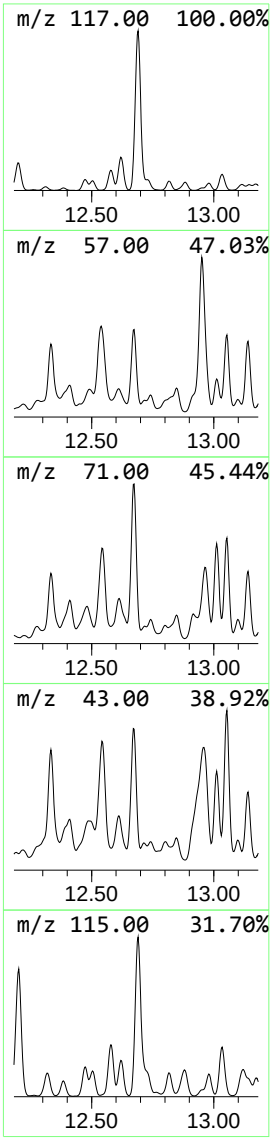
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.681	90.63 ug/L	7463800	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
3	Indan, 1-methyl-	132	C10H12	000767-58-8	55
4	Indan, 1-methyl-	132	C10H12	000767-58-8	50
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

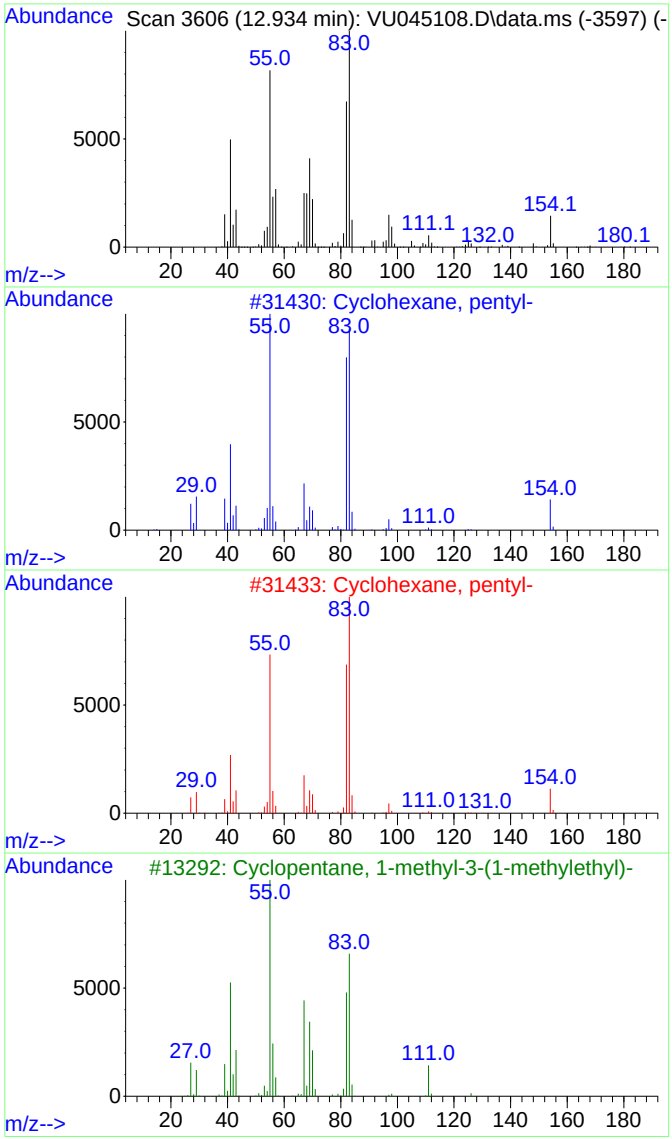
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

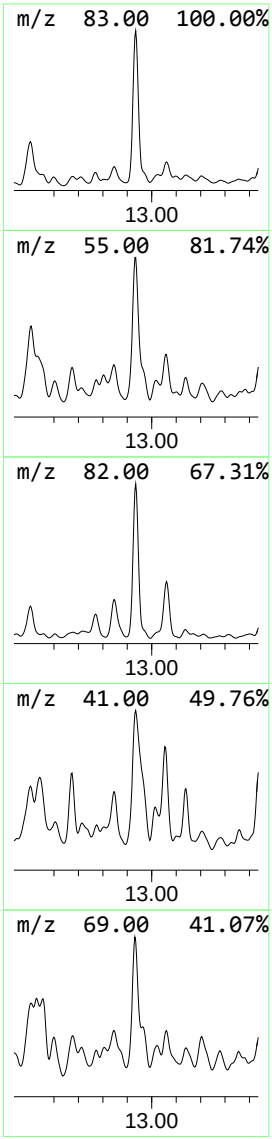
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Cyclic12.935 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.935	142.04 ug/L	11697600	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	62
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

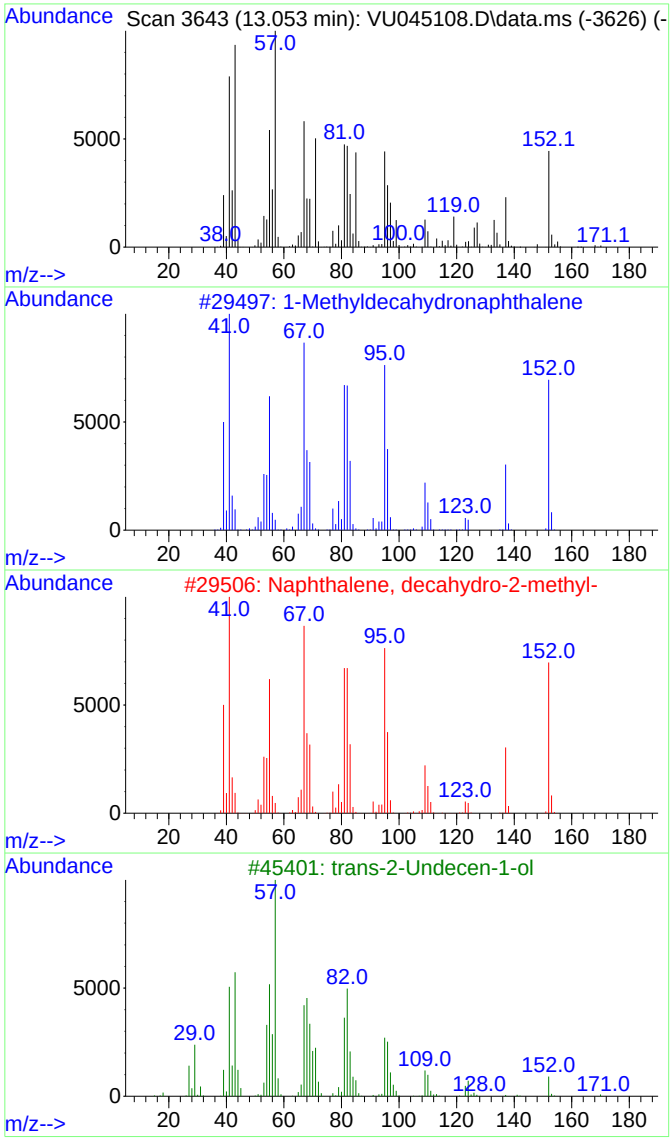
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

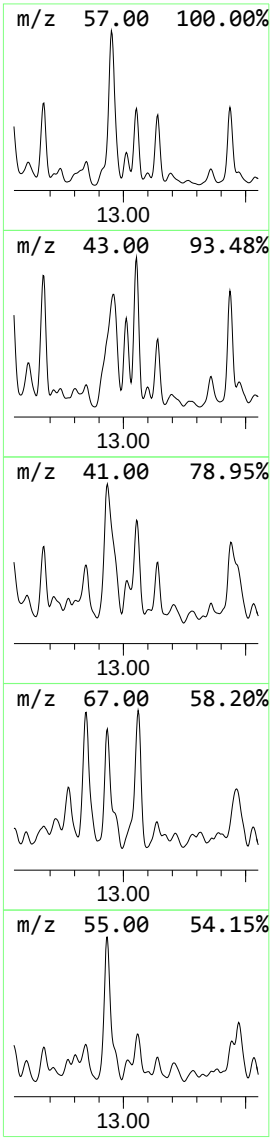
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 1-Methyldecahydronaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.053	129.88 ug/L	10696600	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	87
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
3	trans-2-Undecen-1-ol	170	C11H22O	075039-84-8	43
4	Bicyclo[4.3.1]decan-10-one	152	C10H16O	020440-21-5	38
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

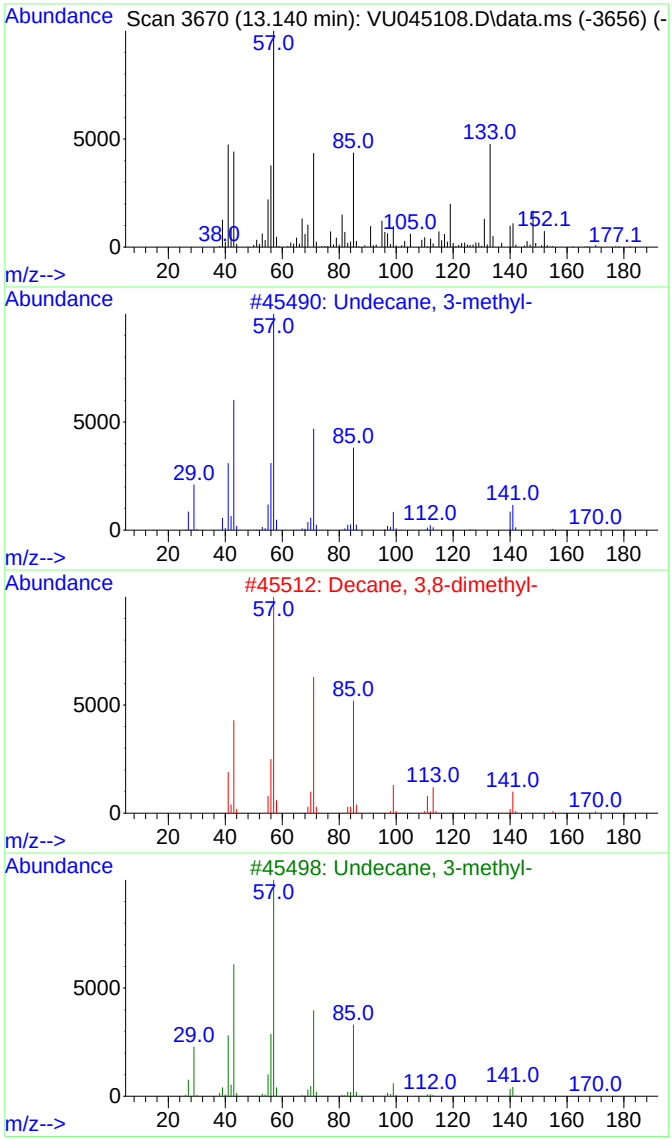
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

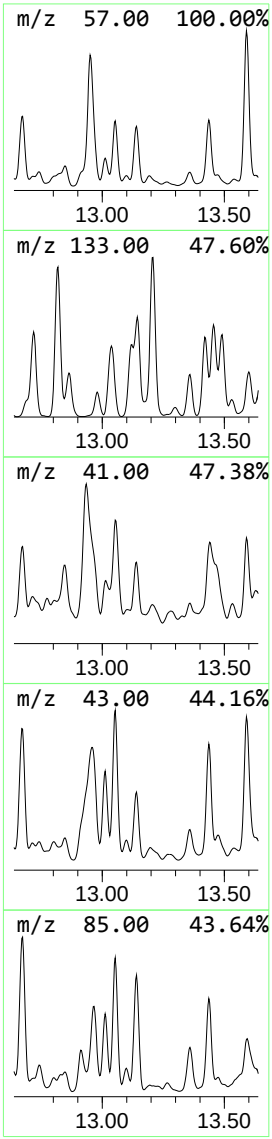
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.140	47.37 ug/L	3901470	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	87
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
4	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	38
5	Undecane	156	C11H24	001120-21-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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

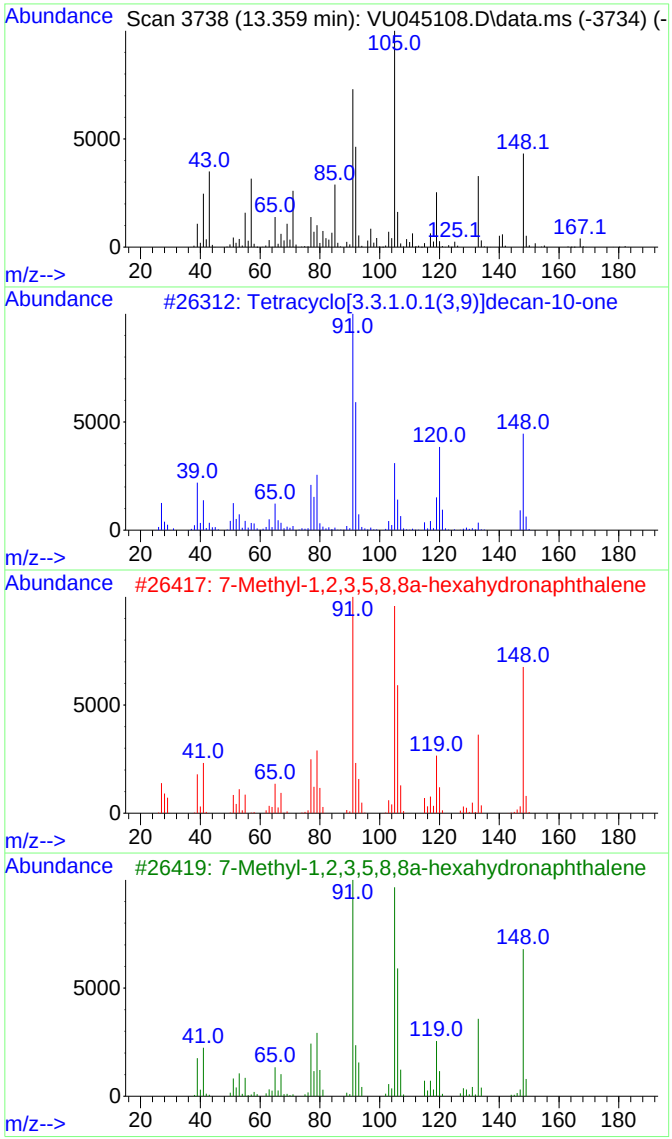
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

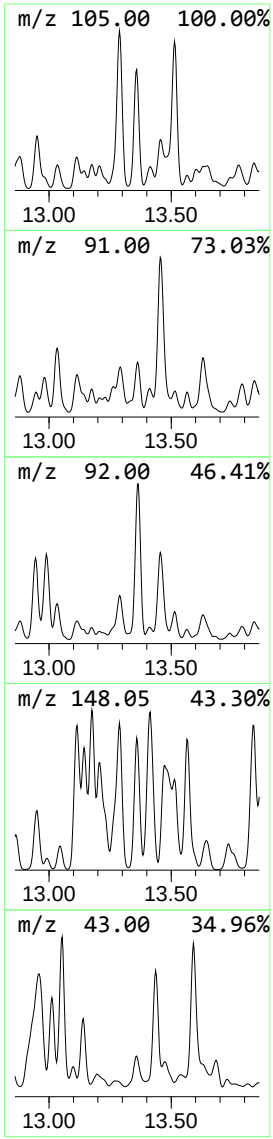
****

Peak Number 59 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.359	14.04 ug/L	1156140	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0.1(3,9)]decan-...	148	C10H12O	016492-06-1	47
2	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	43
3	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	43
4	Benzene, pentyl-	148	C11H16	000538-68-1	38
5	2-Methyl-7-exo-vinylbicyclo[4.2....	148	C11H16	107914-89-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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

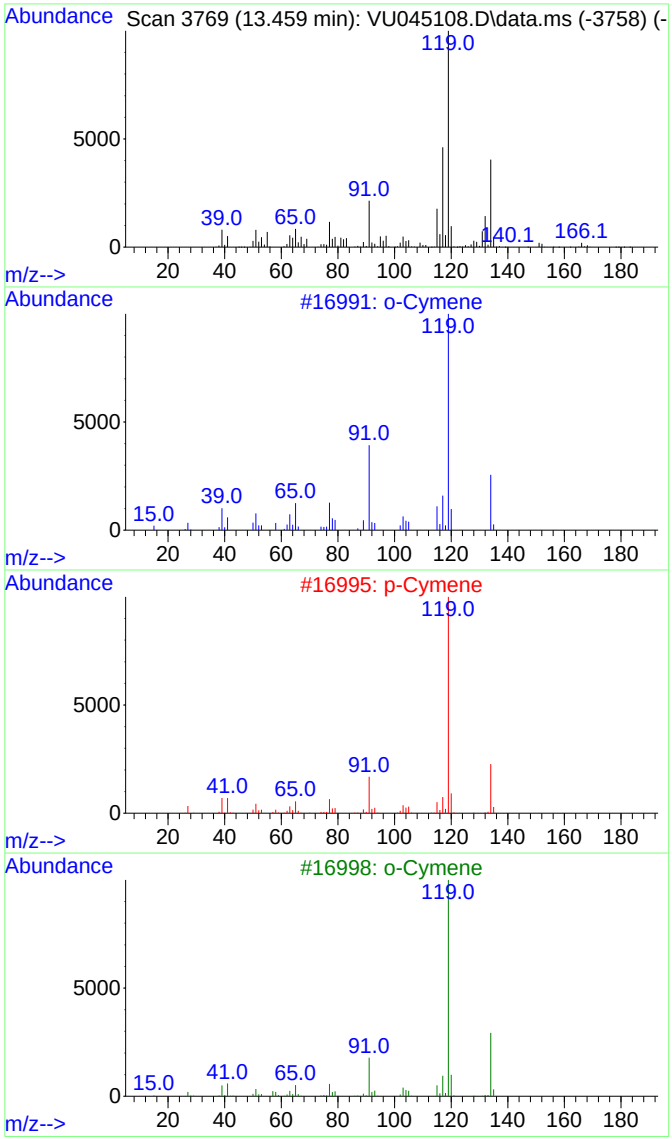
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

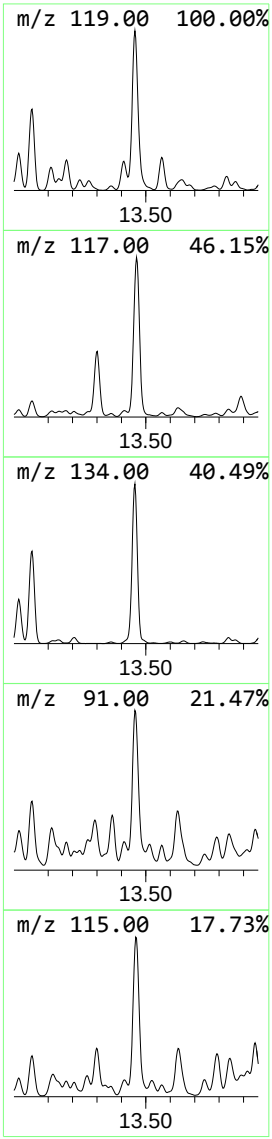
****

Peak Number 60 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.459	193.46 ug/L	15932600	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	p-Cymene	134	C10H14	000099-87-6	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

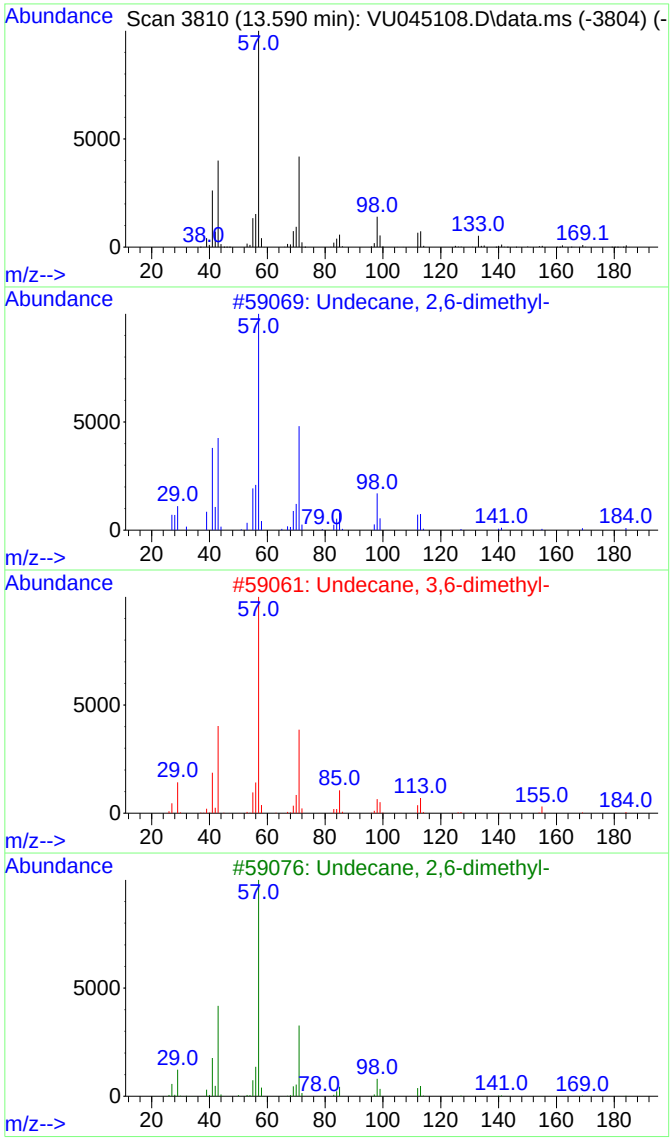
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

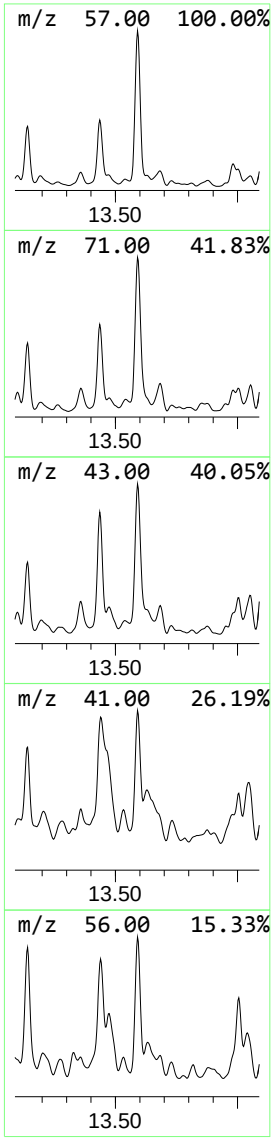
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.590	32.95 ug/L	2713870	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	96
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	93
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

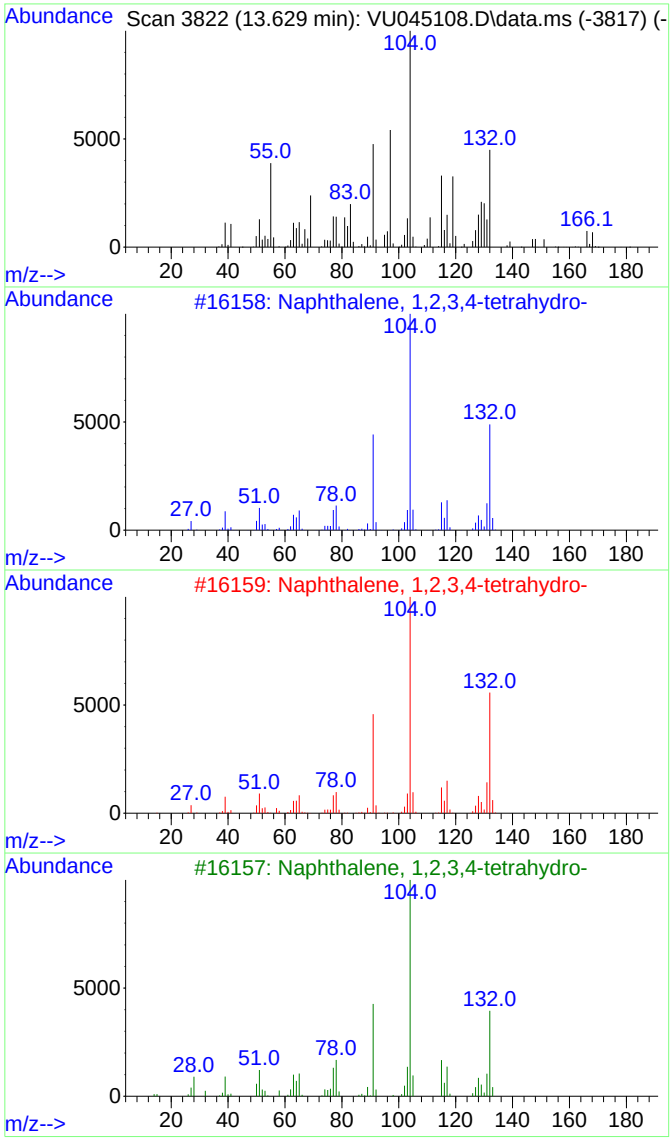
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

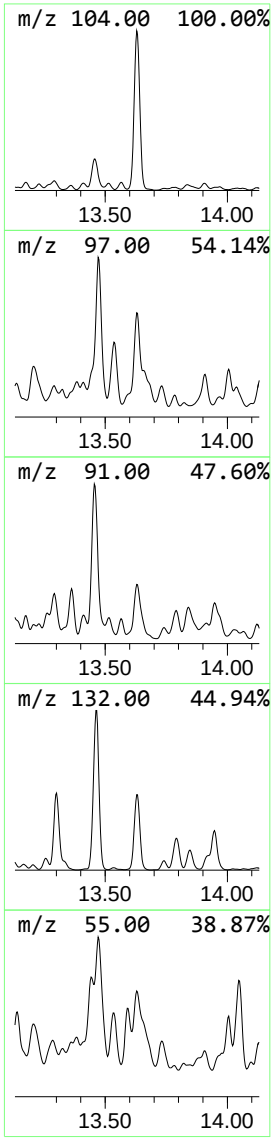
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	91.29 ug/L	7518050	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	70
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

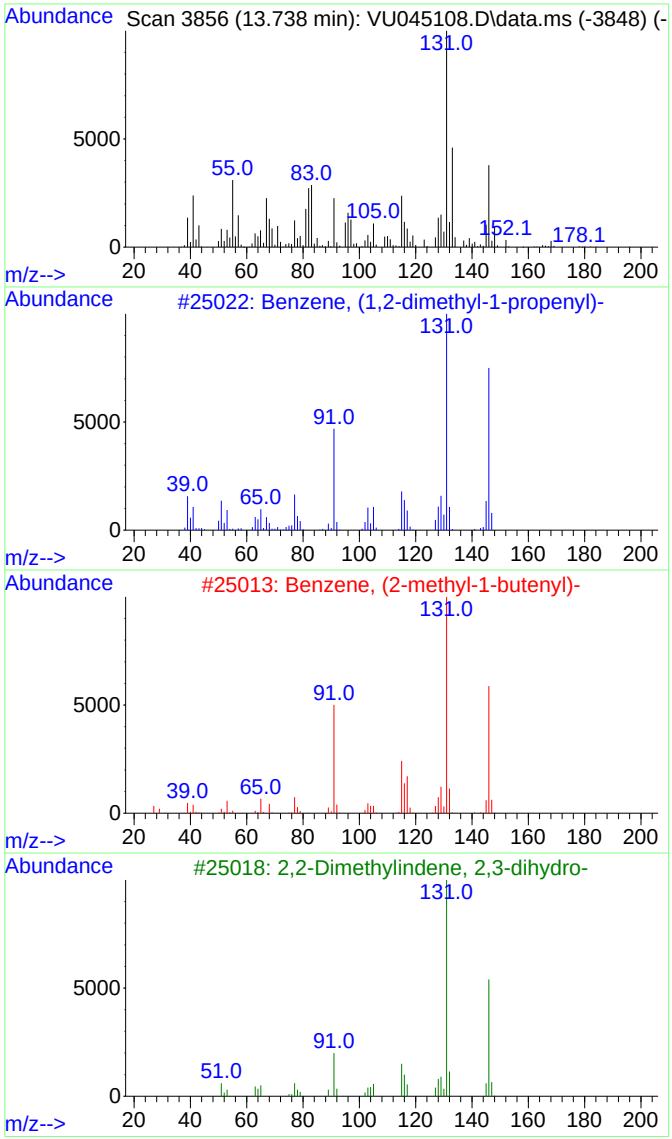
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

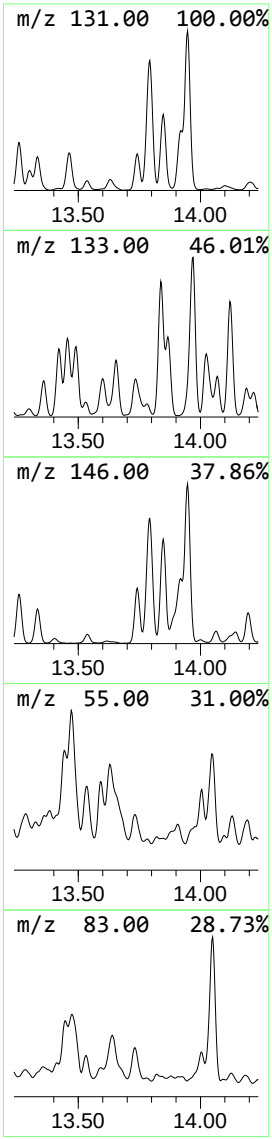
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	18.72 ug/L	1541860	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	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

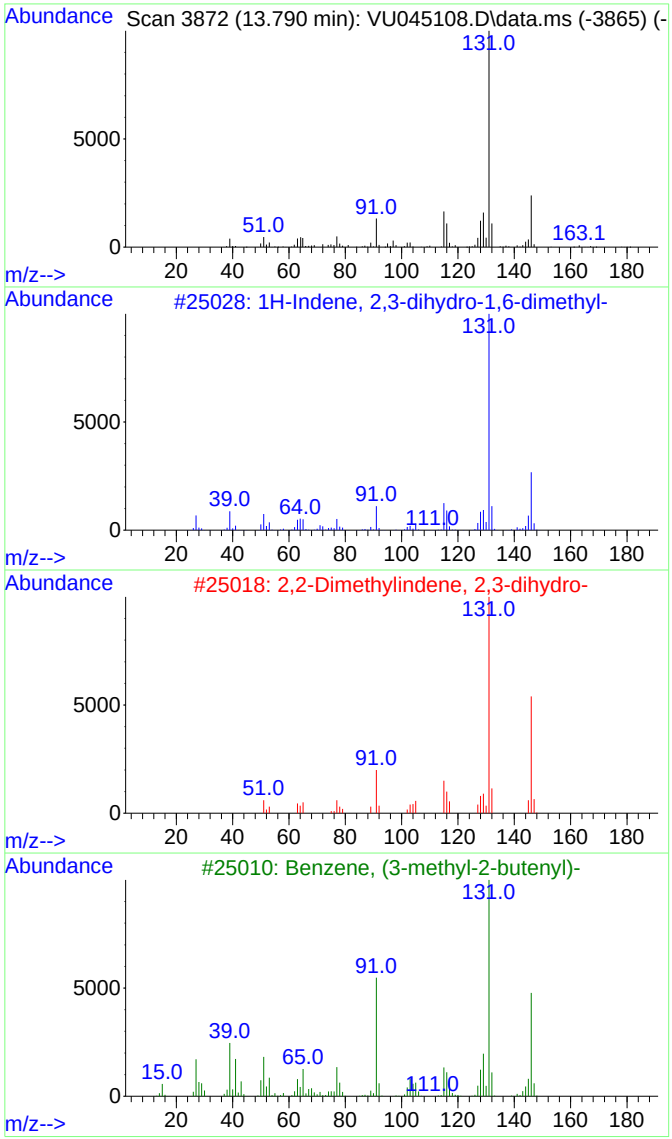
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

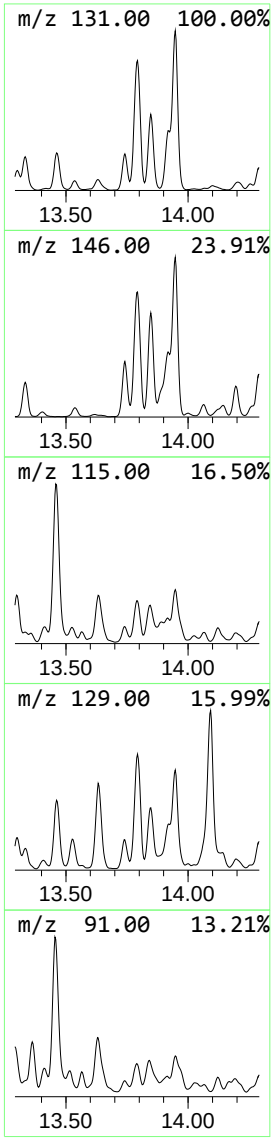
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.790	19.36 ug/L	1594160	1,4-Dichlorobenzene-d4	11.822

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	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	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\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

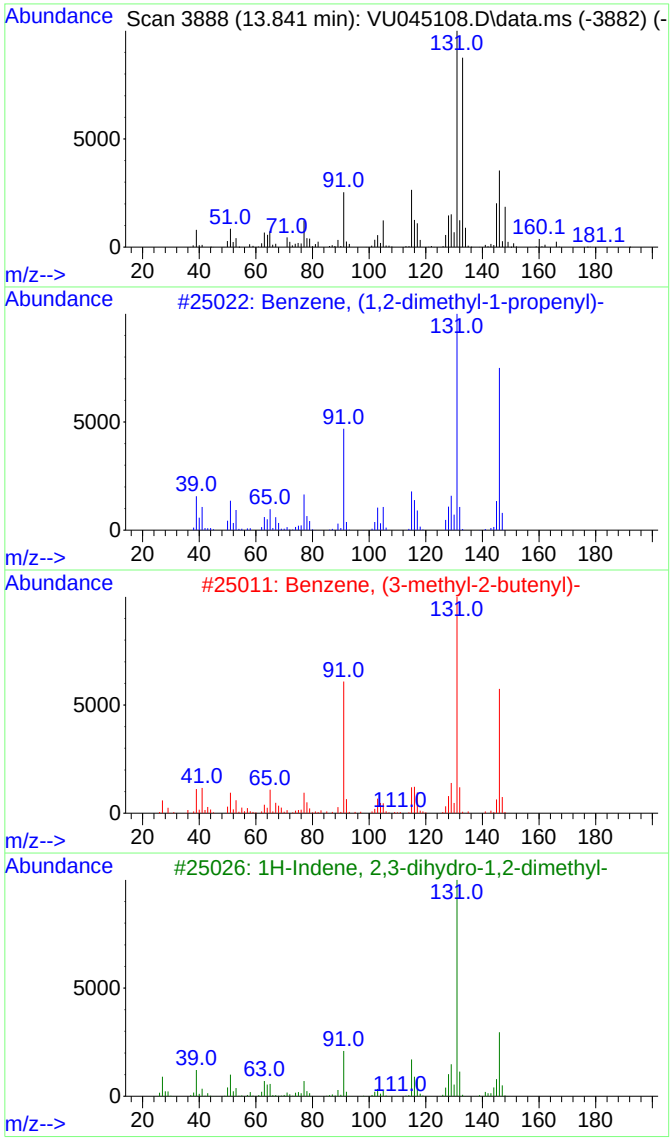
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

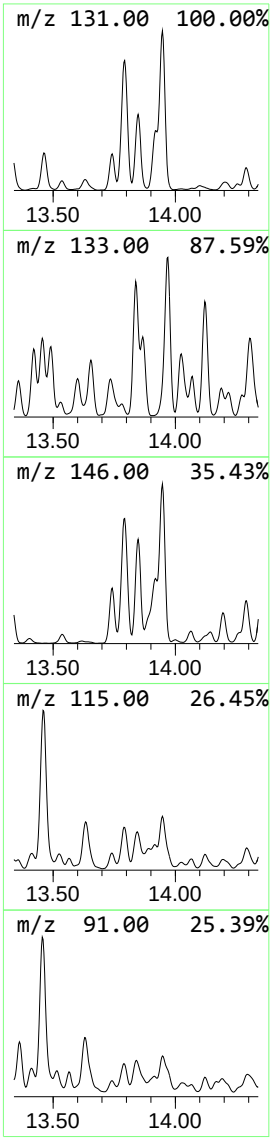
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, (3-methyl-2-butenyl)- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.841	22.88 ug/L	1884460	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	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

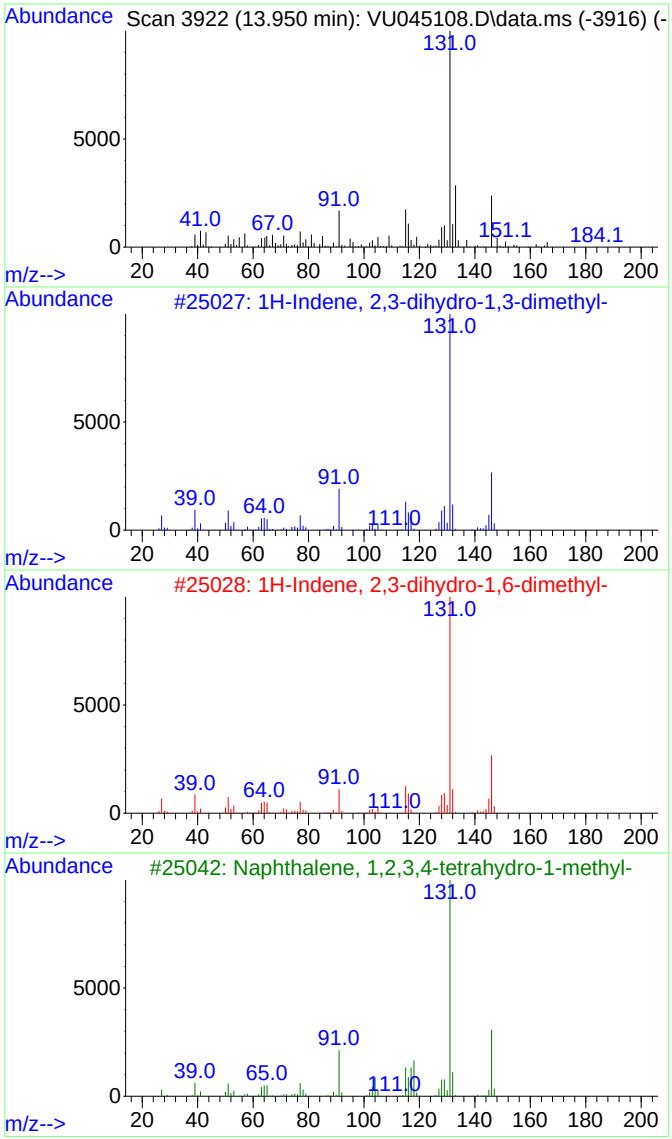
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

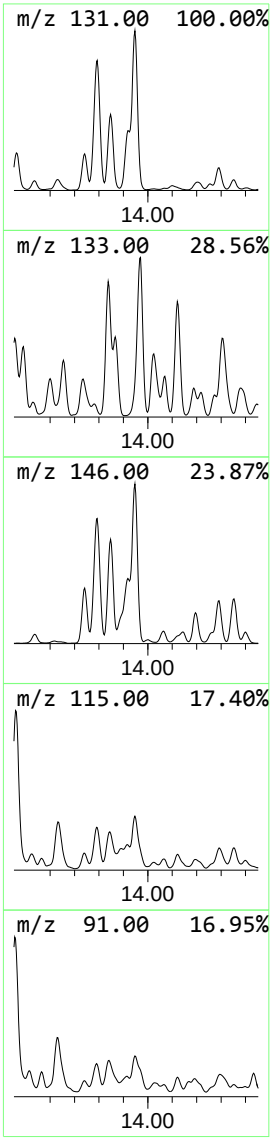
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	26.22 ug/L	2159360	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	74
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	74
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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

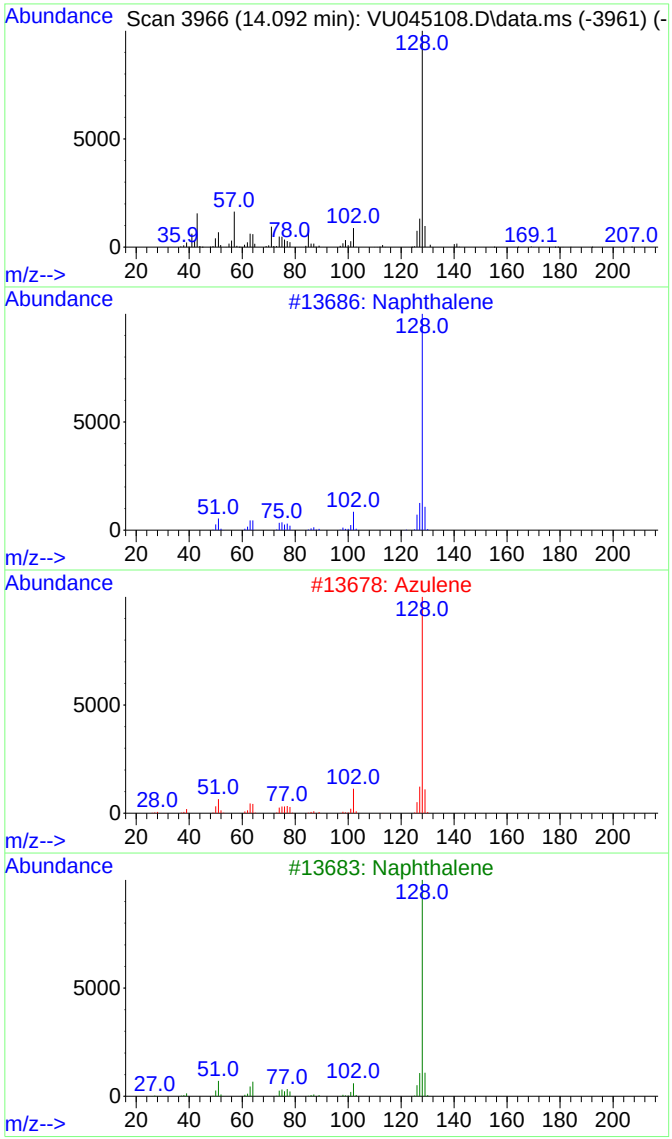
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

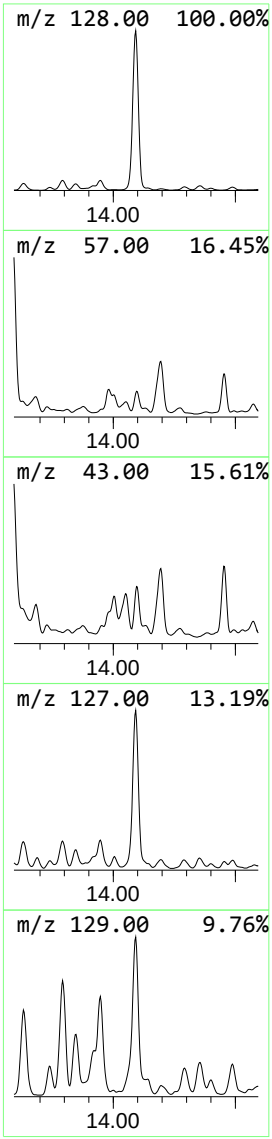
****

Peak Number 67 Azulene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	18.43 ug/L	1517490	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	93
3	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	81
5	Azulene	128	C10H8	000275-51-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

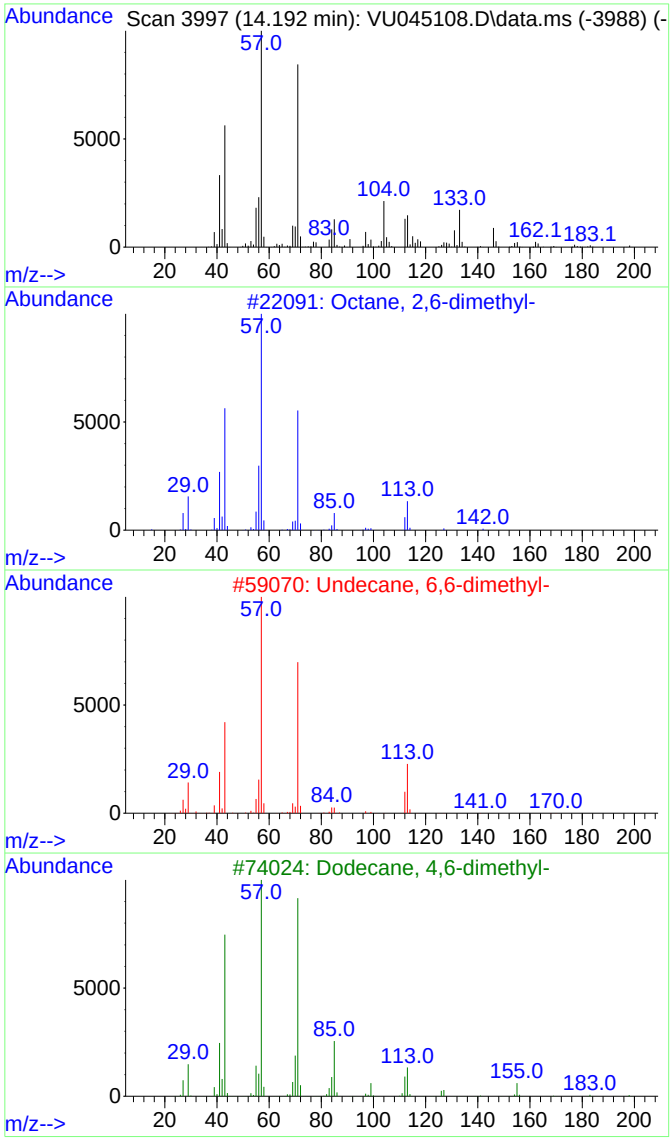
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

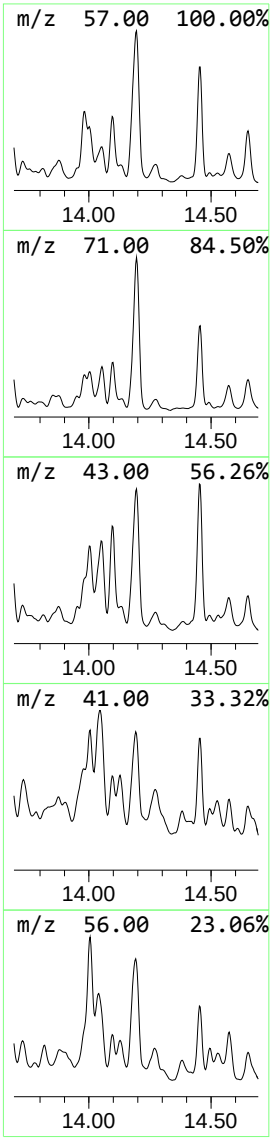
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	35.16 ug/L	2895590	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	52
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	50
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

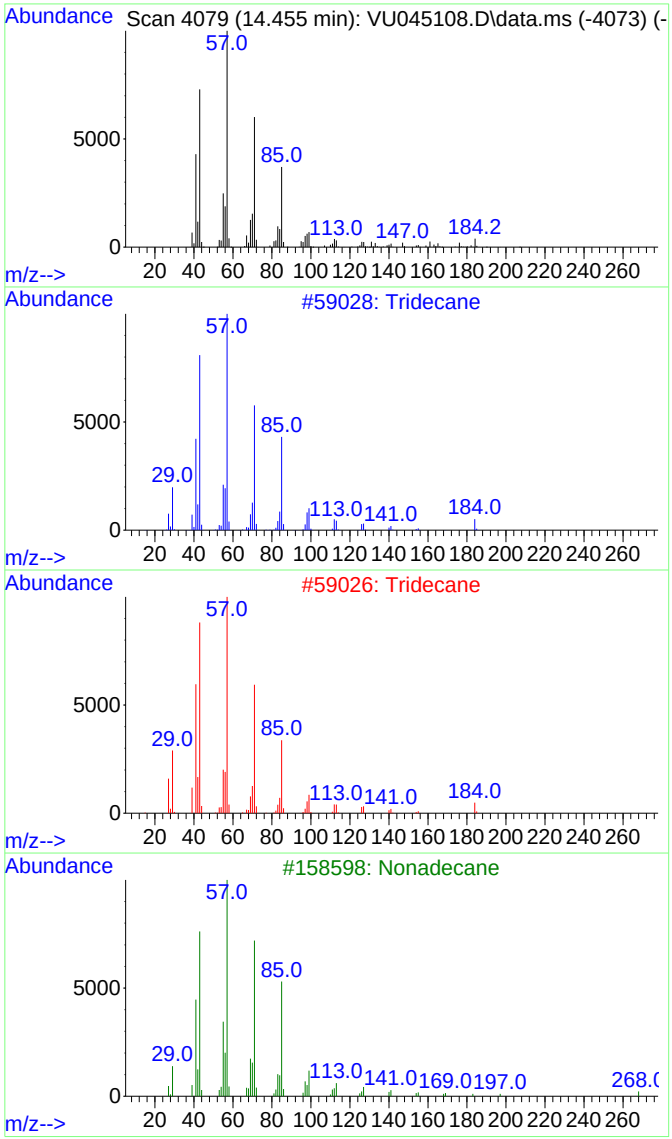
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

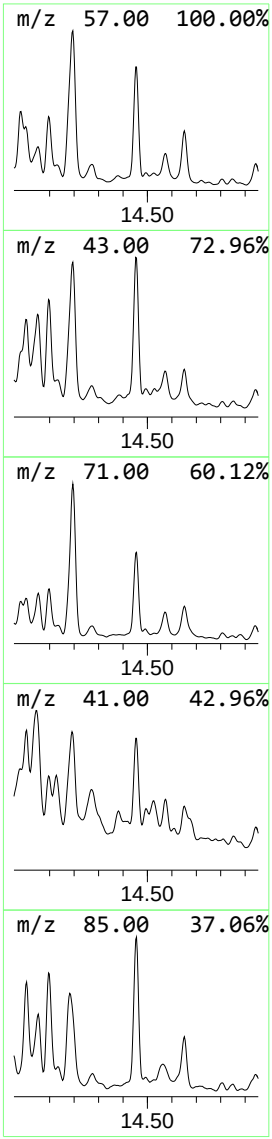
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.455	11.55 ug/L	951615	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	96
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tridecane	184	C13H28	000629-50-5	87
5	Tridecane	184	C13H28	000629-50-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

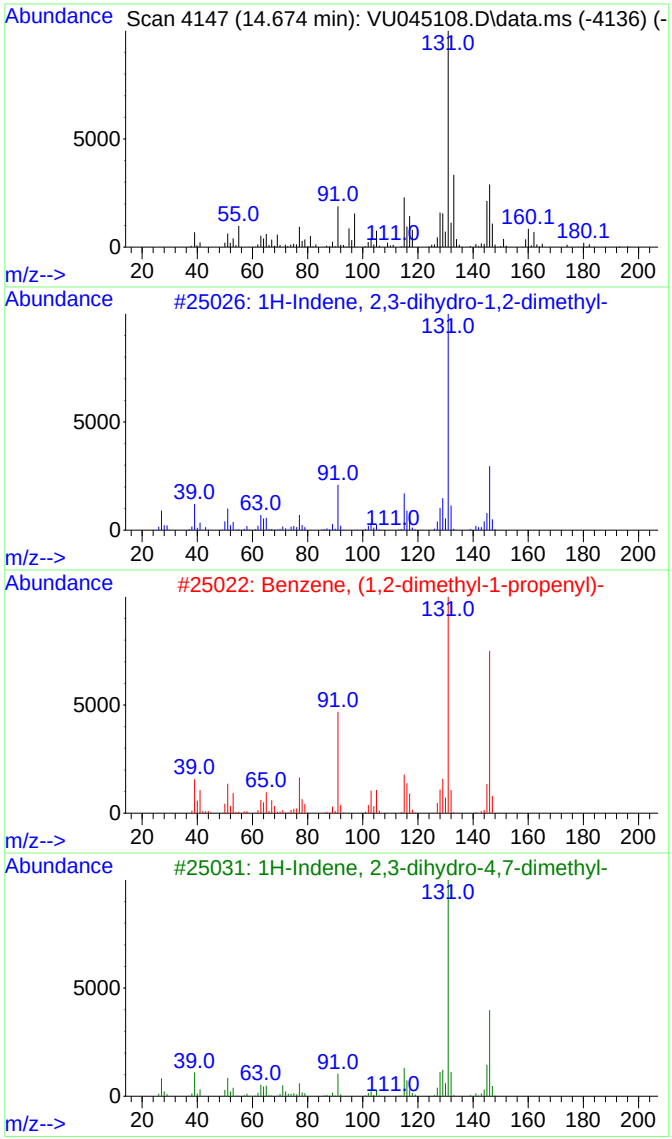
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

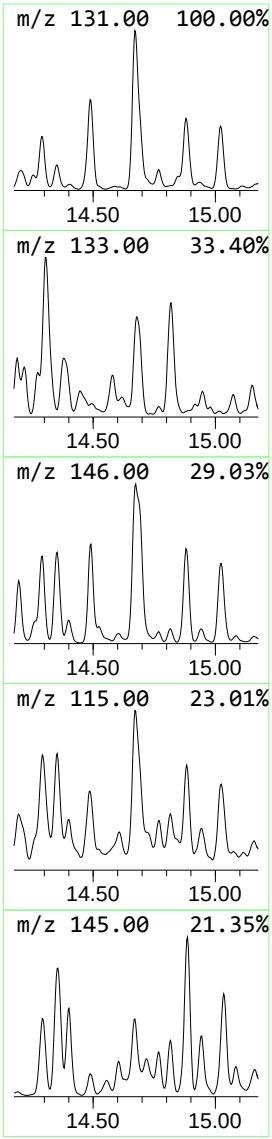
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	29.92 ug/L	2463830	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	81
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

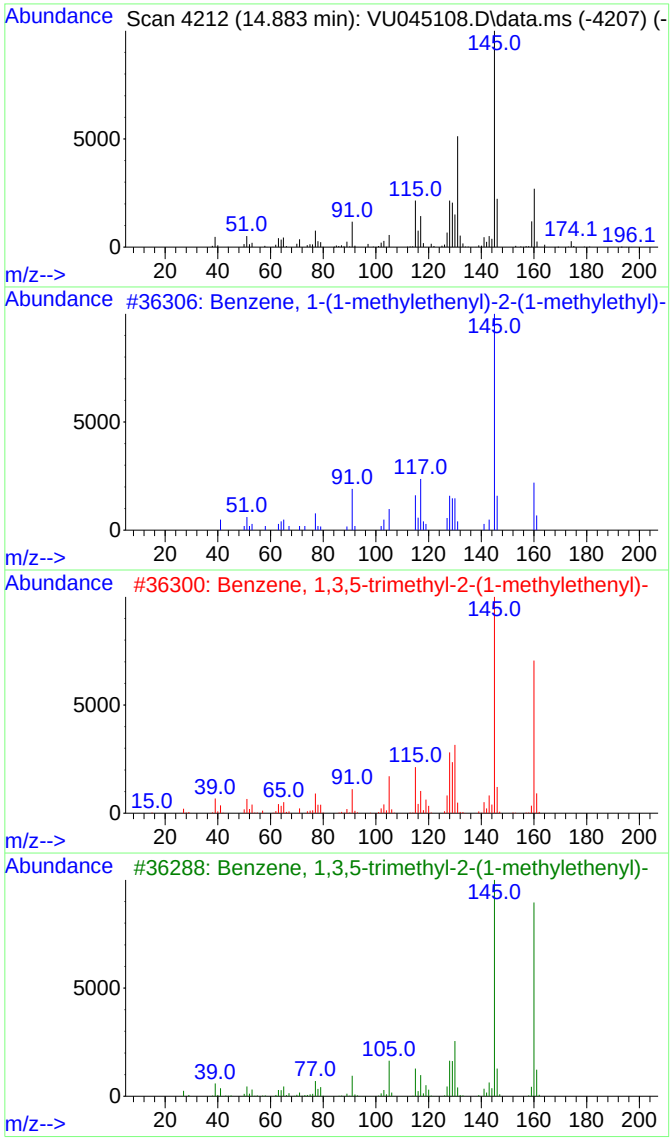
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

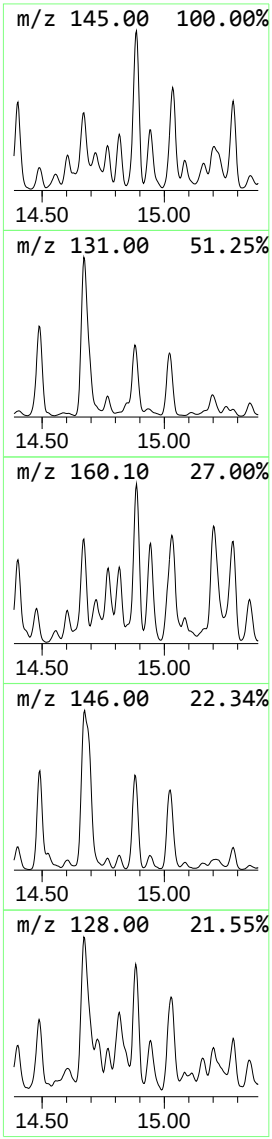
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Benzene, 1-(1-methylethenyl... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.883	11.03 ug/L	908032	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	76
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	52
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

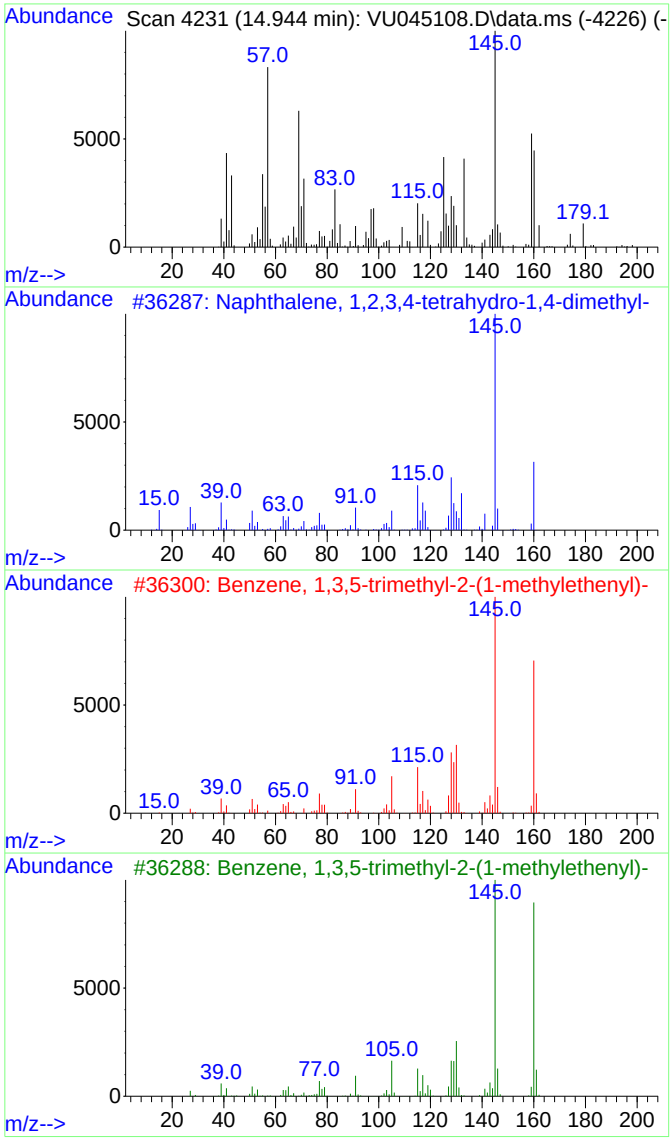
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

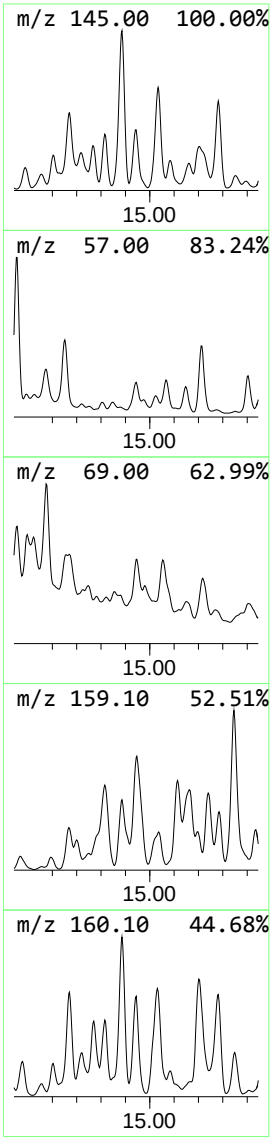
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.944	11.24 ug/L	925472	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

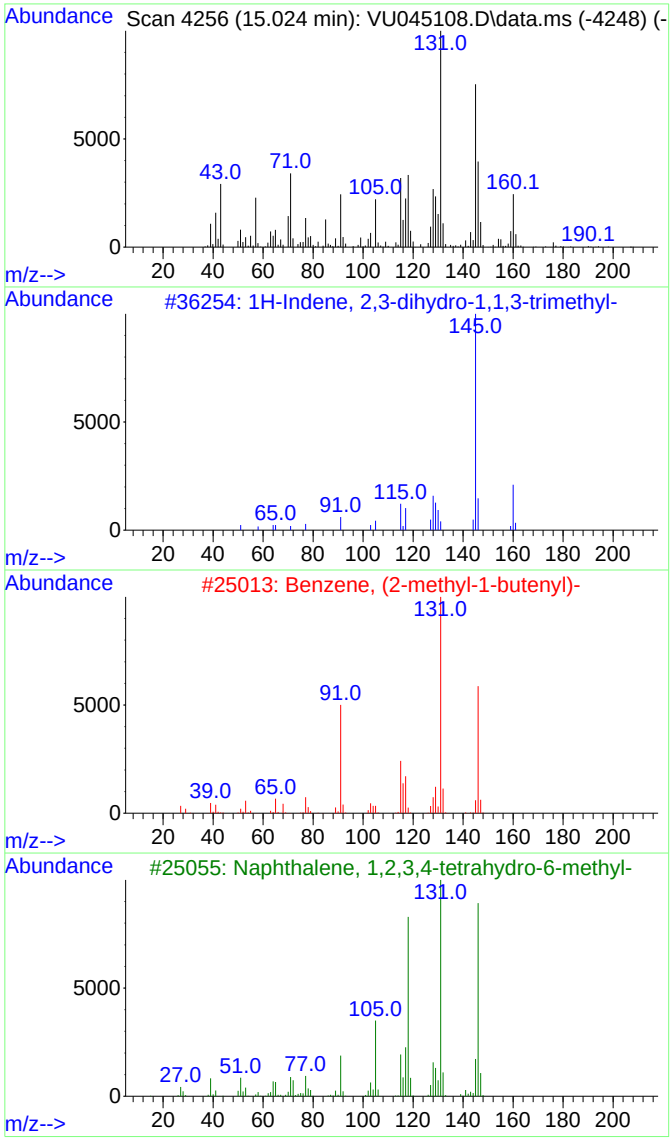
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

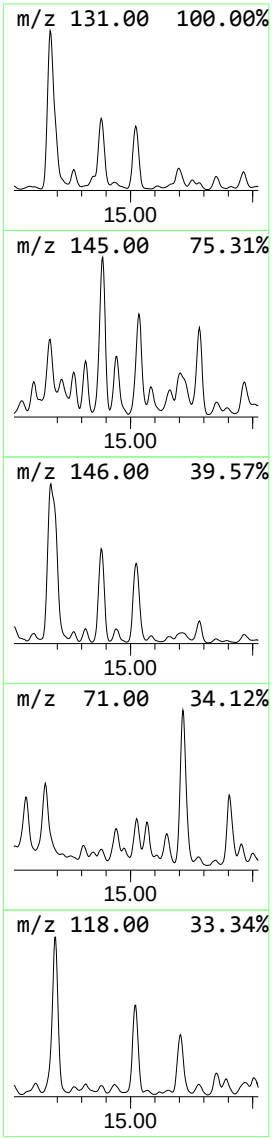
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.024	14.20 ug/L	1169560	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	45
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

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

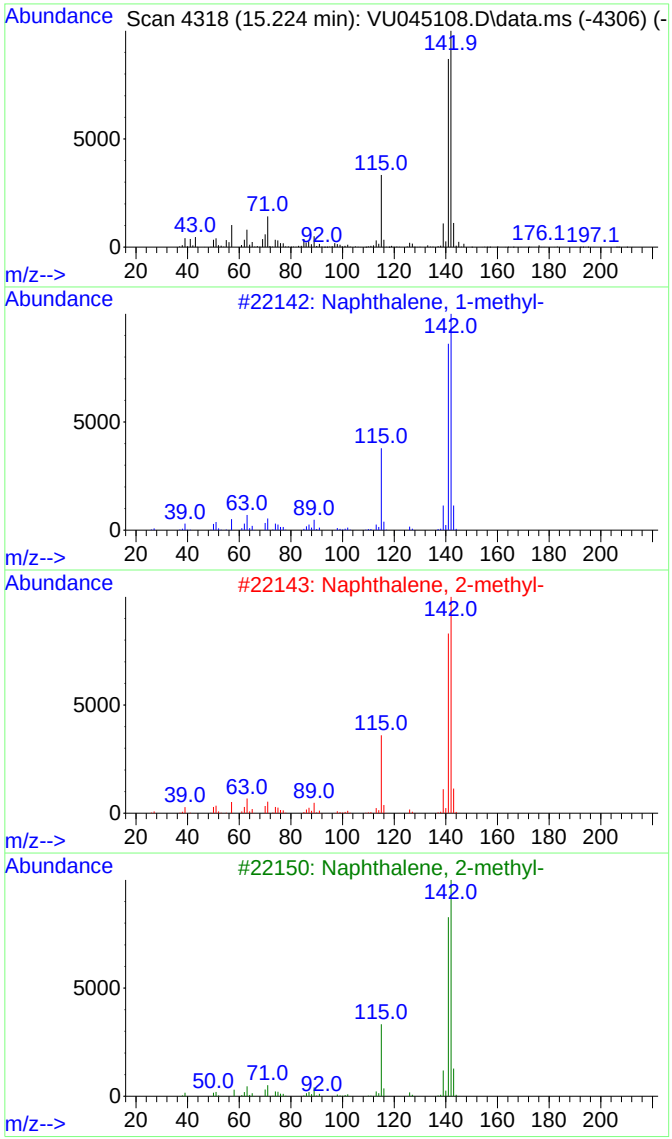
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

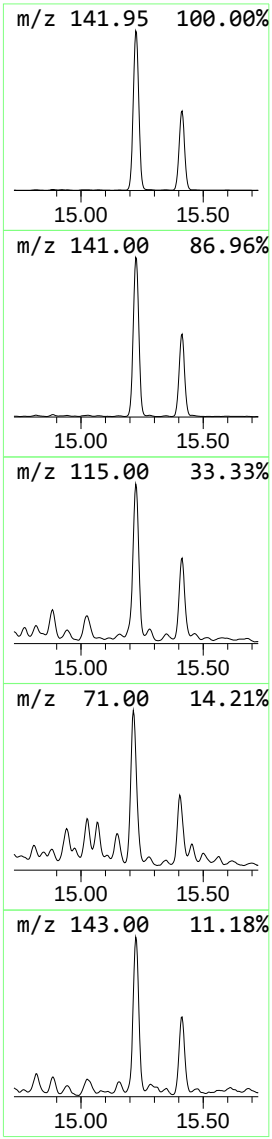
****

Peak Number 74 Naphthalene, 1-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	42.70 ug/L	3516300	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

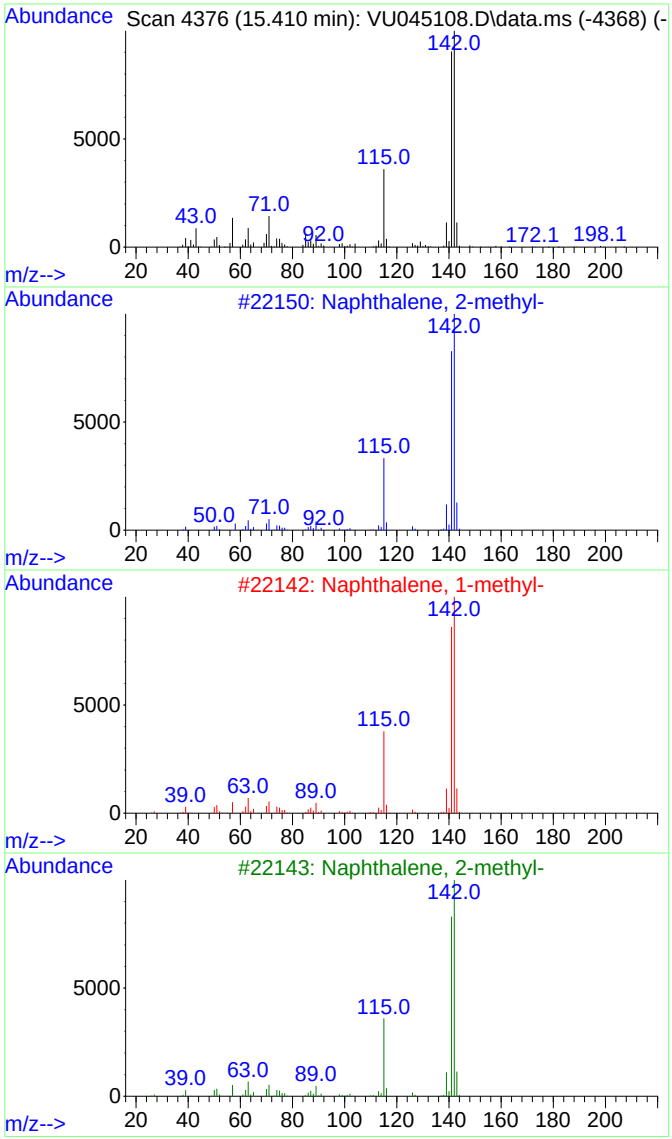
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

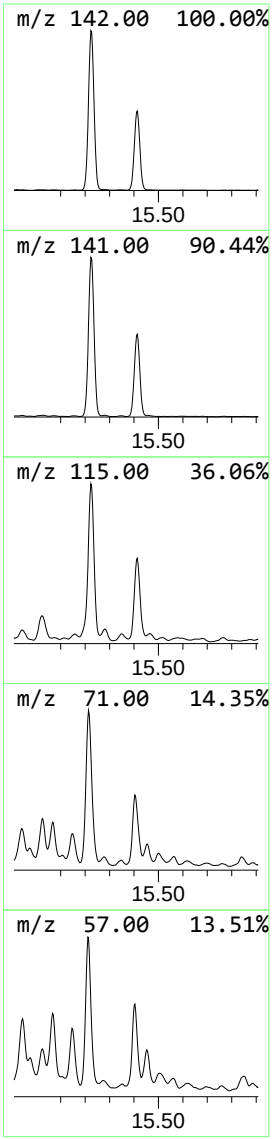
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 Naphthalene, 2-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	16.96 ug/L	1397050	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW903

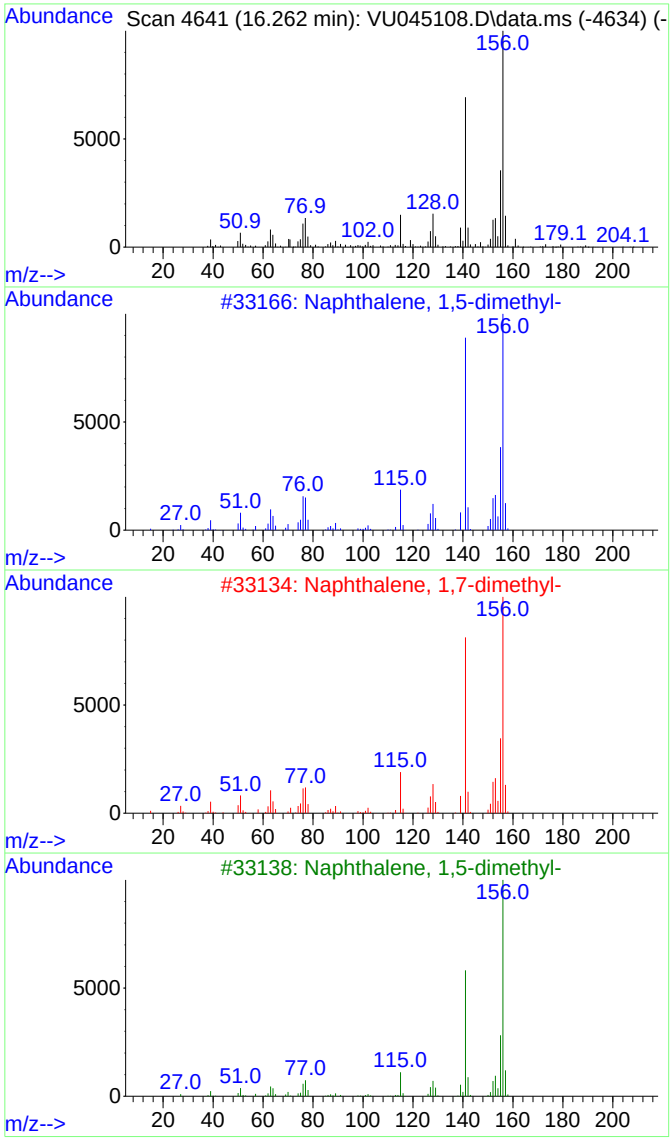
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

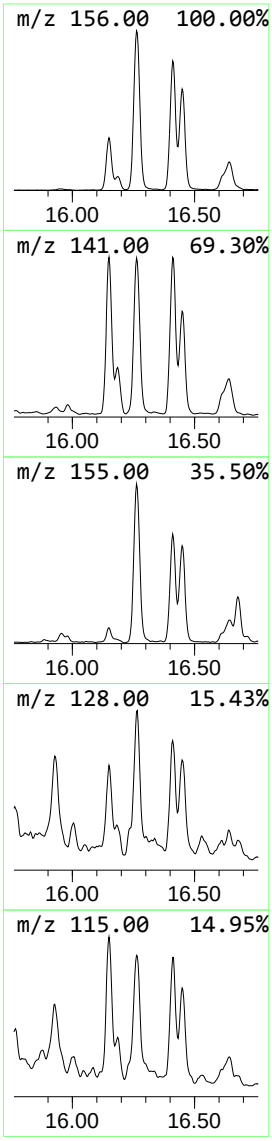
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 Naphthalene, 1,5-dimethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	8.61 ug/L	709071	1,4-Dichlorobenzene-d4	11.822

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045108.D
Acq On : 04 Oct 2021 19:51
Operator : SY/MD
Sample : M4000-08
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW903

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
(DEL) Alkane: S...	3.051	3.6	ug/L	651416	1	6.253	8924120	50.0
(DEL) Alkane: S...	3.674	10.7	ug/L	1915280	1	6.253	8924120	50.0
(DEL) Alkane: C...	4.514	6.8	ug/L	1208870	1	6.253	8924120	50.0
(DEL) Alkane: S...	5.452	4.3	ug/L	762038	1	6.253	8924120	50.0
(DEL) Alkane: S...	5.584	16.6	ug/L	2960350	1	6.253	8924120	50.0
(DEL) Alkane: C...	5.841	8.5	ug/L	1521390	1	6.253	8924120	50.0
(DEL) Alkane: C...	5.915	5.4	ug/L	971753	1	6.253	8924120	50.0
(DEL) Alkane: C...	5.983	14.1	ug/L	2514700	1	6.253	8924120	50.0
(DEL) Alkane: S...	6.131	50.0	ug/L	8924120	1	6.253	8924120	50.0
(DEL) Alkane: S...	6.864	3.9	ug/L	694586	1	6.253	8924120	50.0
(DEL) Alkane: C...	6.980	7.7	ug/L	1380170	1	6.253	8924120	50.0
(DEL) Alkane: C...	7.073	12.3	ug/L	2191540	1	6.253	8924120	50.0
(DEL) Alkane: C...	7.234	15.8	ug/L	2822360	1	6.253	8924120	50.0
(DEL) Alkane: S...	7.501	44.8	ug/L	7994640	1	6.253	8924120	50.0
(DEL) Alkane: S...	7.658	28.7	ug/L	5119660	1	6.253	8924120	50.0
Cyclohexene, 1-...	7.761	8.8	ug/L	1567660	1	6.253	8924120	50.0
(DEL) Alkane: S...	8.134	1010.0	ug/L	18495400	2	9.433	915597	50.0
(DEL) Alkane: C...	8.243	338.0	ug/L	6189620	2	9.433	915597	50.0
(DEL) Alkane: C...	8.372	111.3	ug/L	2038220	2	9.433	915597	50.0
Cyclopentene, 1...	8.417	61.4	ug/L	1123870	2	9.433	915597	50.0
(DEL) Alkane: S...	8.761	112.6	ug/L	2061080	2	9.433	915597	50.0
(DEL) Alkane: C...	8.806	140.9	ug/L	2579800	2	9.433	915597	50.0
(DEL) Alkane: C...	8.870	290.7	ug/L	5323070	2	9.433	915597	50.0
(DEL) Alkane: C...	8.928	420.4	ug/L	7697890	2	9.433	915597	50.0
(DEL) Alkane: S...	9.073	249.3	ug/L	4565430	2	9.433	915597	50.0
(DEL) Alkane: S...	9.124	151.0	ug/L	2764400	2	9.433	915597	50.0
(DEL) Alkane: C...	9.173	284.6	ug/L	5211660	2	9.433	915597	50.0
Dichloroacetic ...	9.218	605.8	ug/L	11093300	2	9.433	915597	50.0
(DEL) Alkane: S...	9.340	713.5	ug/L	13066400	2	9.433	915597	50.0
(DEL) Alkane: C...	9.883	177.2	ug/L	3245410	2	9.433	915597	50.0
(DEL) Alkane: S...	9.960	58.6	ug/L	1073170	2	9.433	915597	50.0
(DEL) Alkane: C...	10.034	548.5	ug/L	10043700	2	9.433	915597	50.0
(DEL) Alkane: S...	10.259	1117.5	ug/L	20463000	2	9.433	915597	50.0
Cyclohexanone, ...	10.365	526.7	ug/L	9644730	2	9.433	915597	50.0
(DEL) Alkane: S...	10.401	479.3	ug/L	8776350	2	9.433	915597	50.0
1-Dodecanol, 2-...	10.565	346.8	ug/L	6350960	2	9.433	915597	50.0
(DEL) Alkane: S...	10.632	119.6	ug/L	9851330	3	11.822	4117850	50.0
Pentalene, octa...	10.703	16.6	ug/L	1370320	3	11.822	4117850	50.0
Benzene, propyl-	10.919	20.3	ug/L	1673780	3	11.822	4117850	50.0
Benzene, 1-ethy...	11.012	107.8	ug/L	8879840	3	11.822	4117850	50.0
(DEL) Alkane: S...	11.198	14.3	ug/L	1175900	3	11.822	4117850	50.0
(DEL) Alkane: C...	11.253	16.0	ug/L	1320670	3	11.822	4117850	50.0
Benzene, 1-ethy...	11.304	105.0	ug/L	8644930	3	11.822	4117850	50.0
(DEL) Alkane: S...	11.382	25.8	ug/L	2125110	3	11.822	4117850	50.0
(DEL) Alkane: S...	11.423	125.1	ug/L	10303100	3	11.822	4117850	50.0
(DEL) Alkane: S...	11.581	14.0	ug/L	1156270	3	11.822	4117850	50.0
(DEL) Alkane: S...	11.648	75.5	ug/L	6221710	3	11.822	4117850	50.0
(DEL) Alkane: C...	11.722	113.6	ug/L	9352530	3	11.822	4117850	50.0
Benzene, 1,2,3-...	11.909	196.2	ug/L	16154700	3	11.822	4117850	50.0
(DEL) Alkane: S...	12.009	87.3	ug/L	7187570	3	11.822	4117850	50.0
Benzene, 2-prop...	12.105	53.5	ug/L	4409060	3	11.822	4117850	50.0
Benzene, 1-meth...	12.388	90.7	ug/L	7468640	3	11.822	4117850	50.0

Benzene, 2-ethy...	12.478	27.7	ug/L	2282170	3	11.822	4117850	50.0
Benzene, 1-ethe...	12.681	90.6	ug/L	7463800	3	11.822	4117850	50.0
(DEL) Alkane: C...	12.935	142.0	ug/L	11697600	3	11.822	4117850	50.0
1-Methyldecahyd...	13.053	129.9	ug/L	10696600	3	11.822	4117850	50.0
(DEL) Alkane: S...	13.140	47.4	ug/L	3901470	3	11.822	4117850	50.0
unknown-01	13.359	14.0	ug/L	1156140	3	11.822	4117850	50.0
o-Cymene	13.459	193.5	ug/L	15932600	3	11.822	4117850	50.0
(DEL) Alkane: S...	13.590	33.0	ug/L	2713870	3	11.822	4117850	50.0
Naphthalene, 1,...	13.629	91.3	ug/L	7518050	3	11.822	4117850	50.0
Benzene, (1,2-d...	13.738	18.7	ug/L	1541860	3	11.822	4117850	50.0
1H-Indene, 2,3-...	13.790	19.4	ug/L	1594160	3	11.822	4117850	50.0
Benzene, (3-met...	13.841	22.9	ug/L	1884460	3	11.822	4117850	50.0
1H-Indene, 2,3-...	13.951	26.2	ug/L	2159360	3	11.822	4117850	50.0
Azulene	14.092	18.4	ug/L	1517490	3	11.822	4117850	50.0
(DEL) Alkane: S...	14.192	35.2	ug/L	2895590	3	11.822	4117850	50.0
(DEL) Alkane: S...	14.455	11.6	ug/L	951615	3	11.822	4117850	50.0
1H-Indene, 2,3-...	14.674	29.9	ug/L	2463830	3	11.822	4117850	50.0
Benzene, 1-(1-m...	14.883	11.0	ug/L	908032	3	11.822	4117850	50.0
Naphthalene, 1,...	14.944	11.2	ug/L	925472	3	11.822	4117850	50.0
1H-Indene, 2,3-...	15.024	14.2	ug/L	1169560	3	11.822	4117850	50.0
Naphthalene, 1-...	15.224	42.7	ug/L	3516300	3	11.822	4117850	50.0
Naphthalene, 2-...	15.410	17.0	ug/L	1397050	3	11.822	4117850	50.0
Naphthalene, 1,...	16.262	8.6	ug/L	709071	3	11.822	4117850	50.0

Instrument :
MSVOA_U
ClientSampleId :
EW903