LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

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_V\Method\SOMVLM011121WMA.M
Title : VOC Analysis

Signal : TIC: VV020047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.306	58	67	78	rBV2	193304	240514	1.71%	0.186%
2	1.383	78	91	96	rBV2	74615	161453	1.15%	0.125%
3	1.569	142	149	163	rVB	141161	165461	1.17%	0.128%
4	2.110	307	317	337	rVB	285633	433749	3.08%	0.336%
5	2.534	426	449	469	rVB2	140277	302503	2.15%	0.234%
6	2.762	506	520	536	rBV	171388	345406	2.45%	0.268%
7	3.042	590	607	629	rBV	408554	772619	5.48%	0.599%
8	3.672	784	803	818	rBV2	106027	283923	2.01%	0.220%
9	3.765	818	832	853	rVB	214858	537188	3.81%	0.416%
10	3.894	859	872	899	rBV	65149	190391	1.35%	0.148%
11	4.354	998	1015	1027	rBV	177011	438247	3.11%	0.340%
12	4.672	1098	1114	1128	rBV	390346	919546	6.52%	0.713%
13	4.769	1129	1144	1168	rVB	391986	1024438	7.27%	0.794%
14	4.913	1171	1189	1215	rBV	564480	1382042	9.80%	1.071%
15	5.052	1215	1232	1251	rBV2	376640	965430	6.85%	0.748%
16	5.183	1258	1273	1280	rBV4	203808	472106	3.35%	0.366%
17	5.241	1281	1291	1307	rVV5	404615	1101359	7.81%	0.854%
18	5.328	1307	1318	1334	rVB3	136913	311069	2.21%	0.241%
19	5.495	1354	1370	1384	rBV	457304	915159	6.49%	0.709%
20	5.621	1398	1409	1420	rBV	303802	640422	4.54%	0.496%
21	6.074	1537	1550	1556	rBV	252621	503734	3.57%	0.390%
22	6.132	1558	1568	1581	rVB5	451321	1117376	7.93%	0.866%
23	6.203	1581	1590	1599	rBV2	113284	200412	1.42%	0.155%
24	6.261	1599	1608	1618	rVB2	148782	253908	1.80%	0.197%
25	6.367	1632	1641	1657	rVB2	173493	326183	2.31%	0.253%
26	6.466	1657	1672	1686	rVB2	145854	335614	2.38%	0.260%
27	6.656	1714	1731	1749	rVB2	396476	952730	6.76%	0.738%
28	6.781	1750	1770	1781	rBV	554221	1268226	9.00%	0.983%
29	6.842	1782	1789	1804	rVB2	124926	212800	1.51%	0.165%
30	6.923	1805	1814	1820	rBV3	202039	333769	2.37%	0.259%
31	7.084	1856	1864	1872	rBV	263188	420427	2.98%	0.326%
32	7.187	1889	1896	1909	rVB3	97048	182441	1.29%	0.141%
33	7.270	1909	1922	1929	rBV3	386517	805726	5.72%	0.624%
34	7.318	1931	1937	1951	rVB	477905	862627	6.12%	0.669%
35	7.444	1968	1976	1983	rBV3	140160	229251	1.63%	0.178%
36	7.489	1984	1990	2005	rVB4	110882	223607	1.59%	0.173%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

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_V\Method\SOMVLM011121WMA.M
Title : VOC Analysis

37	7.572	2006	2016	2031	rBV5	217781	625500	4.44%	0.485%
38	7.662	2037	2044	2052	rVB2	214070	348500	2.47%	0.270%
39	7.794	2075	2085	2093	rVB3	244655	412802	2.93%	0.320%
40	7.846	2093	2101	2113	rBV2	269352	417417	2.96%	0.323%
41	8.093	2167	2178	2188	rVV2	375944	647071	4.59%	0.501%
42	8.238	2211	2223	2232	rVV5	224727	510646	3.62%	0.396%
43	8.296	2232	2241	2248	rVV	233420	378899	2.69%	0.294%
44	8.338	2248	2254	2266	rVV3	113997	249295	1.77%	0.193%
45	8.395	2268	2272	2295	rVB4	80135	166363	1.18%	0.129%
46	8.518	2297	2310	2321	rBV6	157621	319073	2.26%	0.247%
47	8.675	2352	2359	2380	rVB3	77319	199009	1.41%	0.154%
48	8.855	2406	2415	2425	rBV	602573	952958	6.76%	0.739%
49	8.939	2434	2441	2460	rVB3	145877	324783	2.30%	0.252%
50	9.479	2600	2609	2627	rVB4	137458	308215	2.19%	0.239%
51	9.707	2664	2680	2687	rBV5	97657	244354	1.73%	0.189%
52	9.807	2703	2711	2731	rVB10	75252	176878	1.25%	0.137%
53	10.222	2830	2840	2858	rVB	325625	566673	4.02%	0.439%
54	10.547	2930	2941	2949	rBV	91572	154861	1.10%	0.120%
55	11.061	3090	3101	3106	rVV	327806	491800	3.49%	0.381%
56	11.093	3106	3111	3125	rVB	336314	519410	3.68%	0.403%
57	11.199	3134	3144	3152	rBV	770726	1143446	8.11%	0.886%
58	11.254	3152	3161	3186	rVB3	910608	1478318	10.49%	1.146%
59	11.460	3216	3225	3236	rVB	98553	163192	1.16%	0.126%
60	11.556	3242	3255	3257	rBV	2875913	3525839	25.01%	2.733%
61	11.582	3258	3263	3271	rVV	5528739	7665981	54.38%	5.941%
62	11.646	3271	3283	3300	rVB3	6896195	14096079	100.00%	10.924%
63	11.752	3306	3316	3326	rVB	511123	743327	5.27%	0.576%
64	11.826	3326	3339	3352	rVB2	2468217	3701498	26.26%	2.869%
65	11.919	3356	3368	3372	rBV	3076100	4446349	31.54%	3.446%
66	11.948	3373	3377	3388	rVB	3209528	4198263	29.78%	3.254%
67	12.022	3388	3400	3421	rVB	5806895	9015657	63.96%	6.987%
68	12.125	3421	3432	3437	rBV	830431	1355497	9.62%	1.051%
69	12.267	3463	3476	3482	rBV4	260741	481431	3.42%	0.373%
70	12.321	3483	3493	3505	rVB3	722756	1327894	9.42%	1.029%
71	12.421	3505	3524	3532	rBV	3271029	5106965	36.23%	3.958%
72	12.472	3532	3540	3556	rVB	5416308	8020717	56.90%	6.216%
73	12.559	3556	3567	3572	rBV	1229903	1802118	12.78%	1.397%
74	12.595	3572	3578	3583	rVV	990826	1377497	9.77%	1.068%
75	12.624	3583	3587	3595	rVB	668306	781946	5.55%	0.606%
76	12.691	3598	3608	3614	rVV2	472835	867056	6.15%	0.672%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

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_V\Method\SOMVLM011121WMA.M
Title : VOC Analysis

77	12.733	3614	3621	3629	rVB	1381308	1828213	12.97%	1.417%
78	12.804	3636	3643	3650	rVB3	635589	840409	5.96%	0.651%
79	12.858	3650	3660	3663	rBV3	1125660	1714914	12.17%	1.329%
80	12.890	3664	3670	3680	rVB2	1532195	2413396	17.12%	1.870%
81	13.009	3699	3707	3719	rVB	866303	1233093	8.75%	0.956%
82	13.173	3747	3758	3765	rBV	1165712	1789112	12.69%	1.387%
83	13.225	3765	3774	3782	rVB	1963959	2868548	20.35%	2.223%
84	13.280	3782	3791	3797	rBV2	2979870	4536847	32.19%	3.516%
85	13.344	3807	3811	3815	rBV	315518	356552	2.53%	0.276%
86	13.376	3815	3821	3827	rVV	1331406	1737558	12.33%	1.347%
87	13.408	3827	3831	3843	rVB	920175	1251436	8.88%	0.970%
88	13.556	3868	3877	3889	rBV2	230444	375585	2.66%	0.291%
89	13.620	3889	3897	3905	rVV	166382	258334	1.83%	0.200%
90	13.720	3918	3928	3939	rVV3	676501	1314707	9.33%	1.019%
91	13.778	3939	3946	3956	rVV2	642748	960824	6.82%	0.745%
92	13.919	3979	3990	4003	rBV	1349162	2031708	14.41%	1.575%
93	14.048	4015	4030	4036	rBV5	96375	186425	1.32%	0.144%
94	14.096	4036	4045	4059	rBV	909926	1803704	12.80%	1.398%
95	14.241	4081	4090	4100	rVV2	444045	669396	4.75%	0.519%
96	14.302	4100	4109	4123	rVB2	482622	877413	6.22%	0.680%
97	14.447	4142	4154	4166	rBV5	128958	290531	2.06%	0.225%
98	14.640	4201	4214	4222	rBV3	86464	197550	1.40%	0.153%
99	15.675	4525	4536	4557	rBV	91742	178795	1.27%	0.139%
100	15.823	4571	4582	4589	rBV	109420	172583	1.22%	0.134%

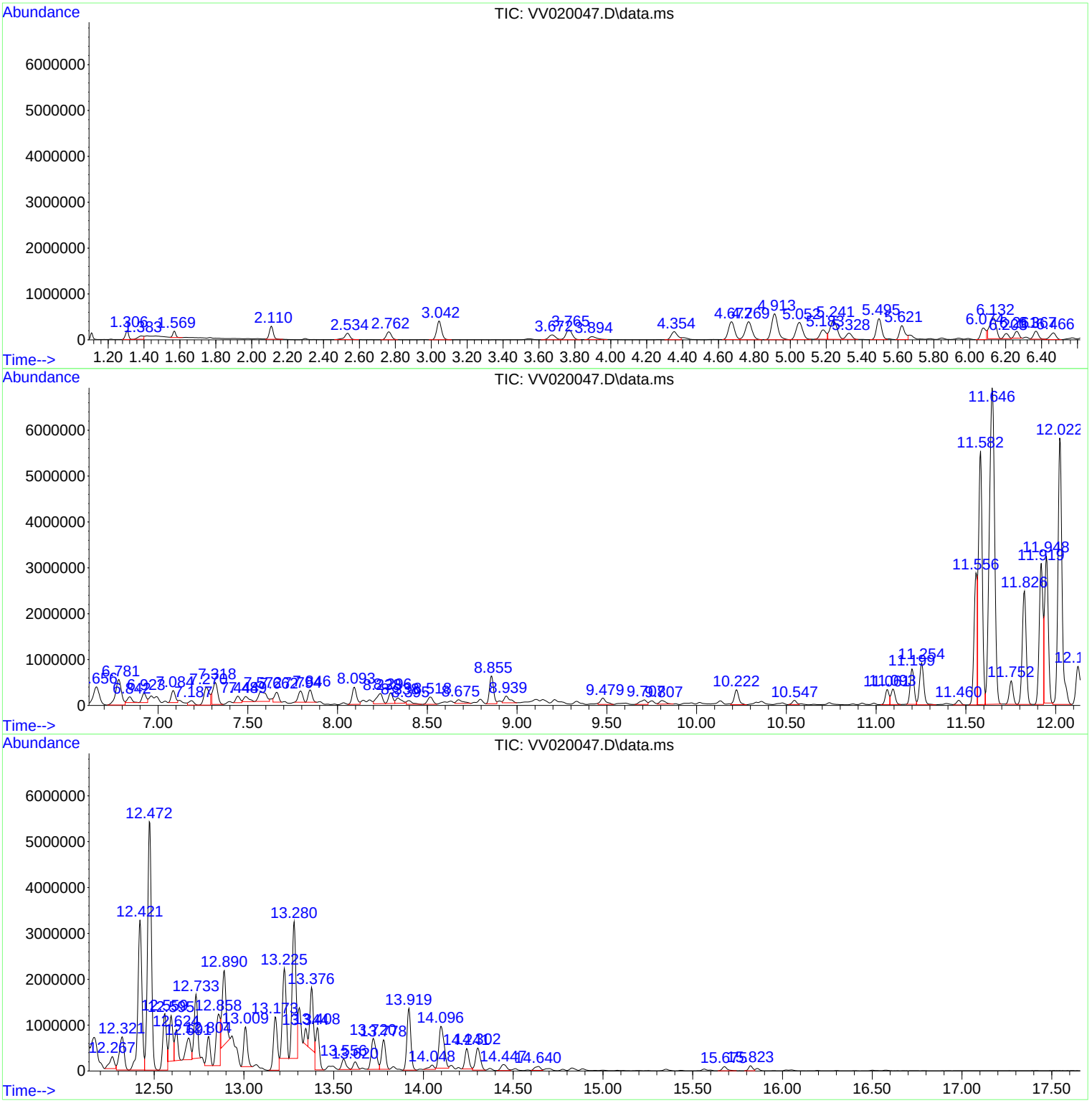
Sum of corrected areas: 129033066

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

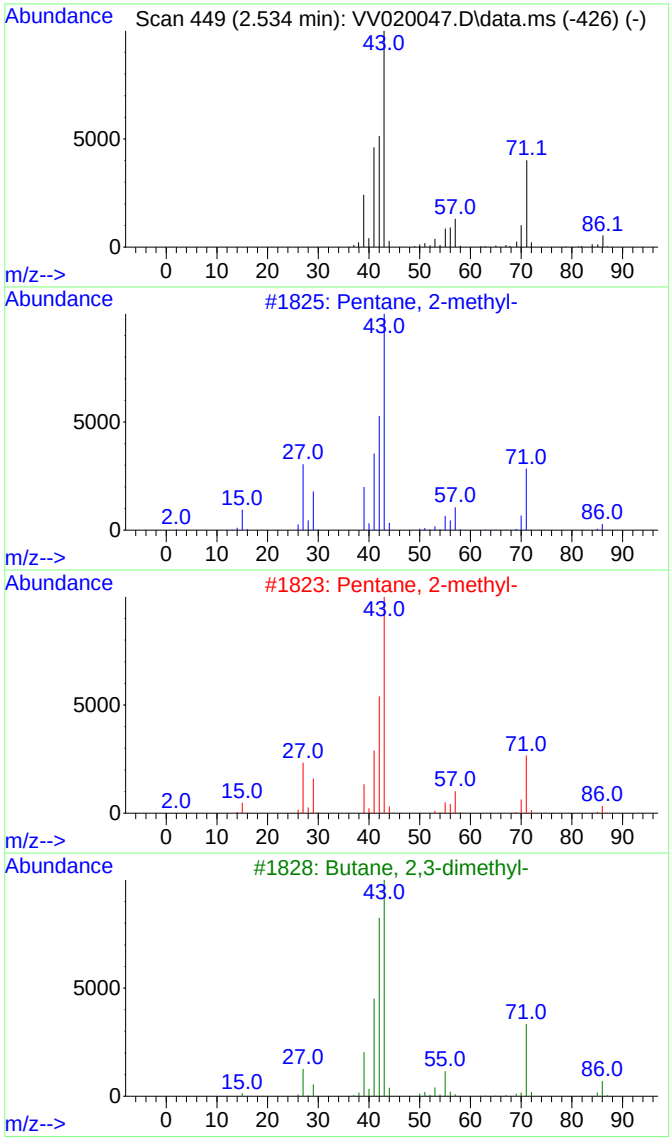
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

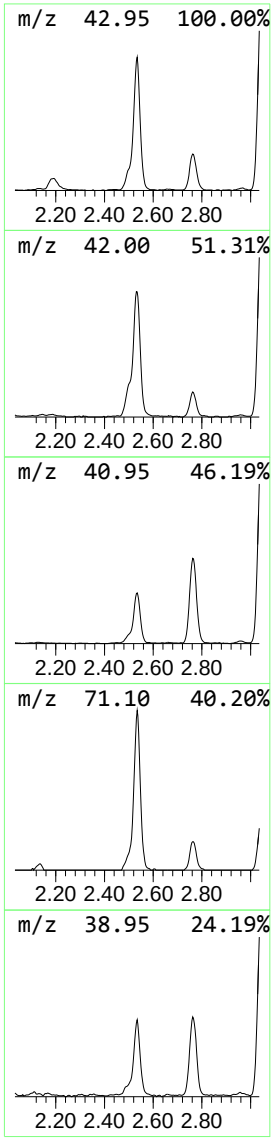
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	23.62 ug/L	302503	1,4-Difluorobenzene	5.621

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	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	45
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

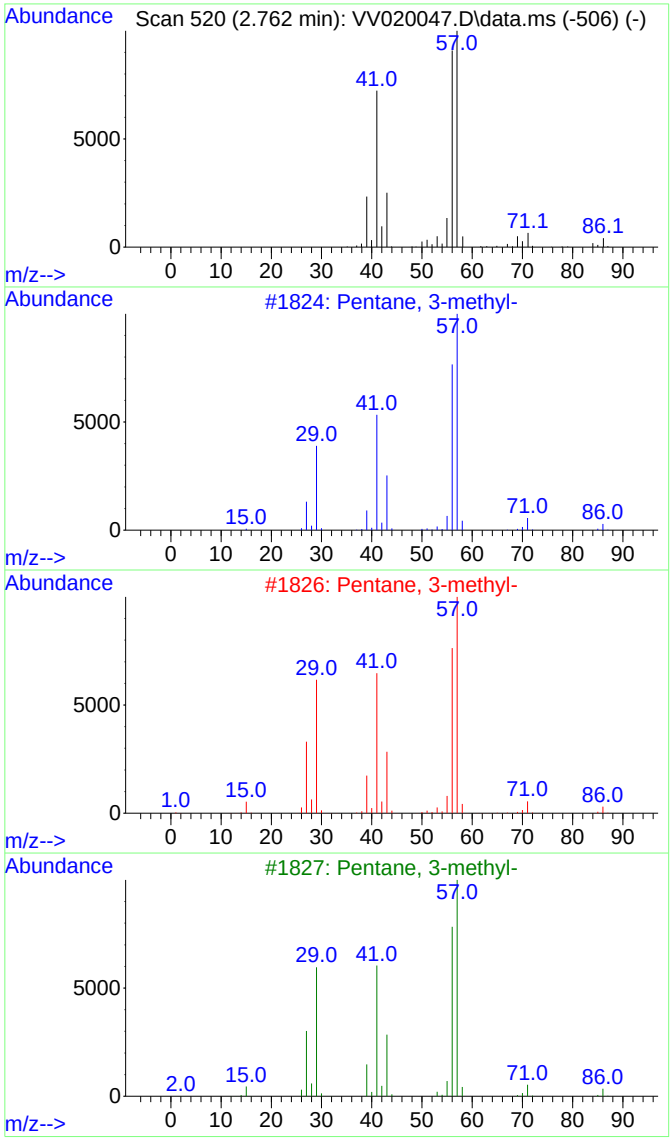
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

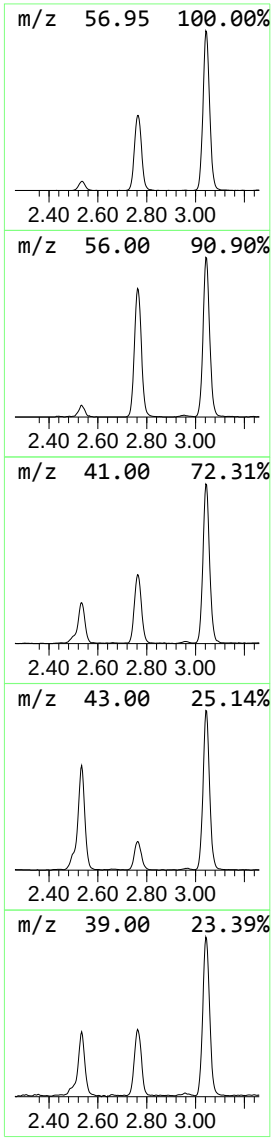
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.762	26.97 ug/L	345406	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

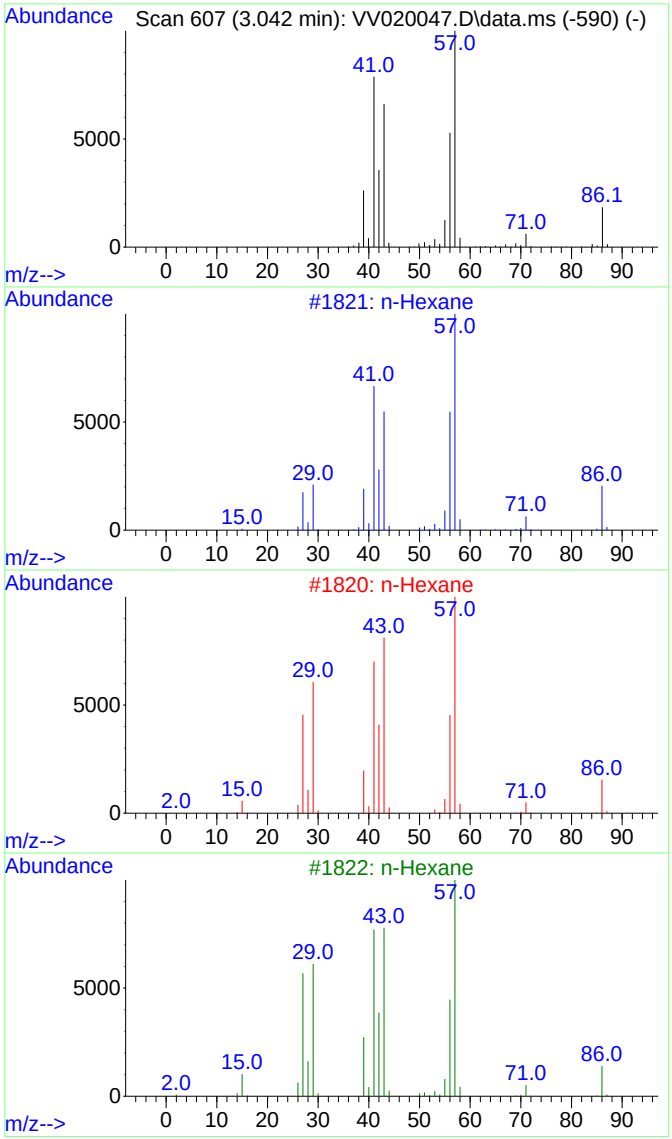
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

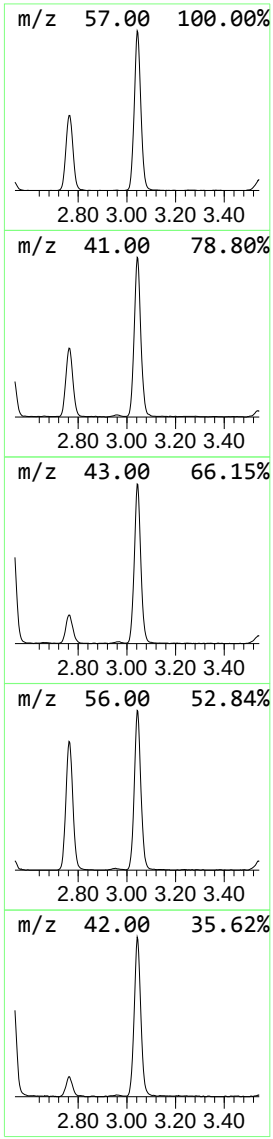
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.042	60.32 ug/L	772619	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	72
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

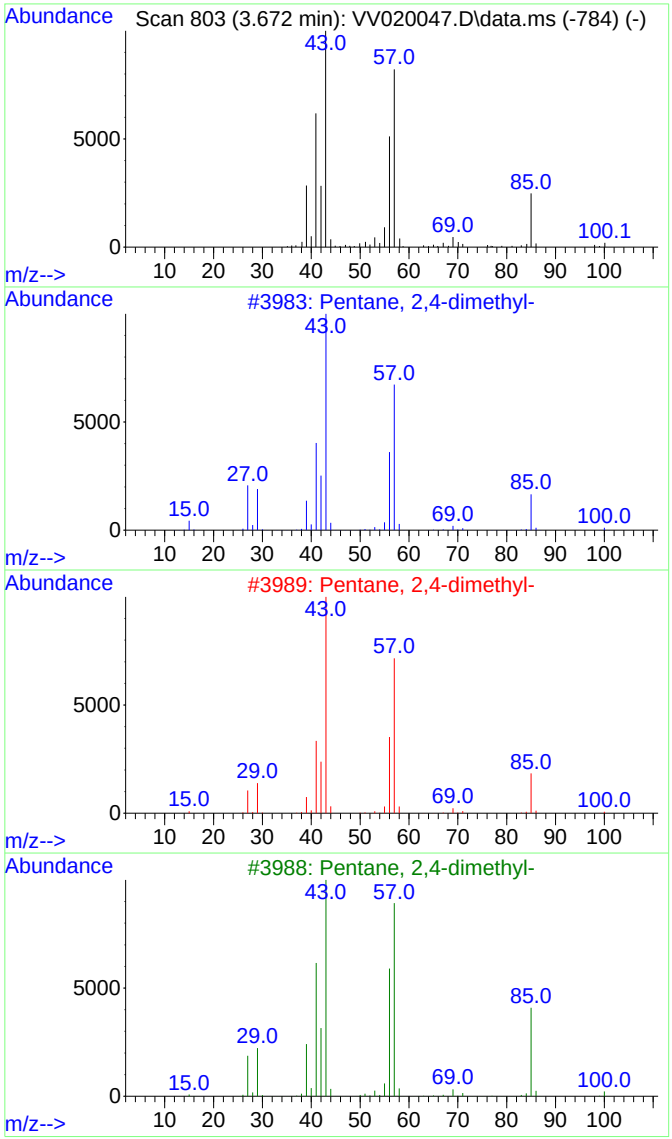
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

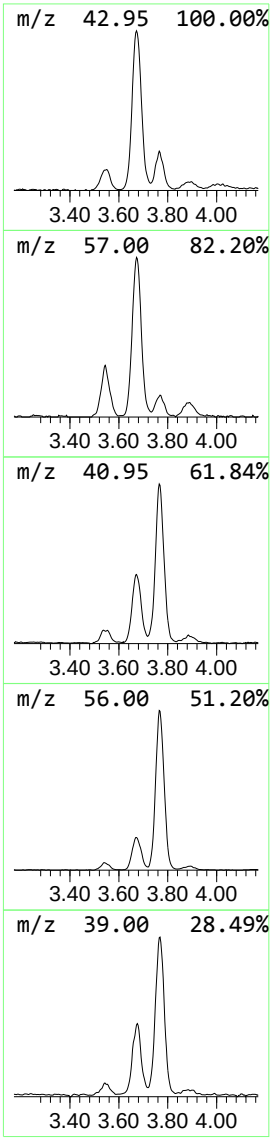
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.672	22.17 ug/L	283923	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	87
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

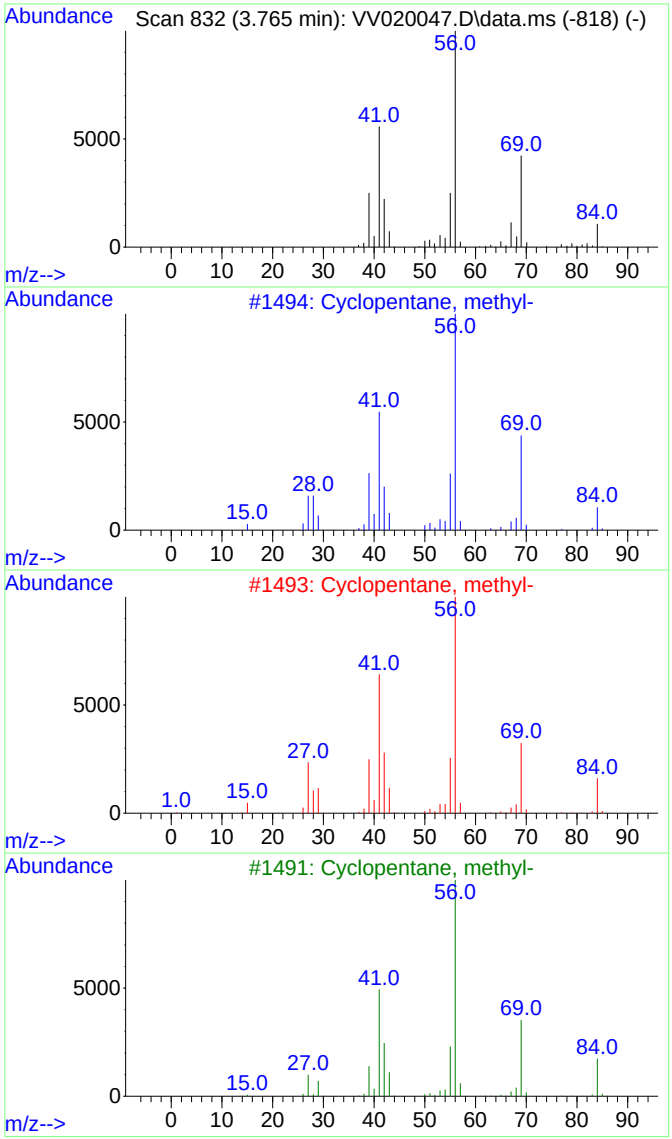
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

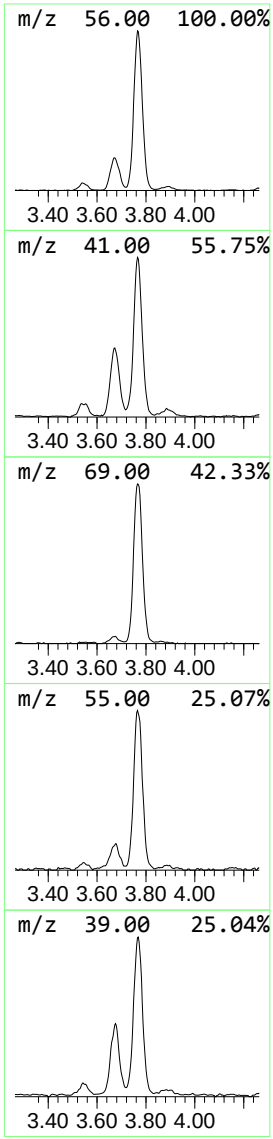
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.765 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.765	41.94 ug/L	537188	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

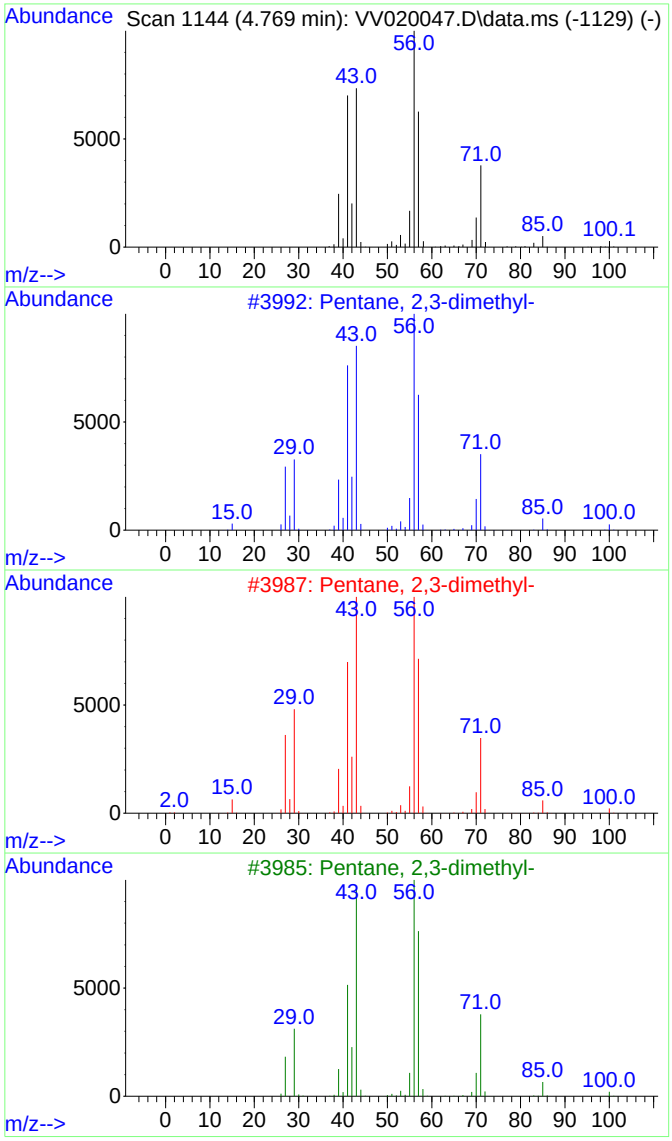
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

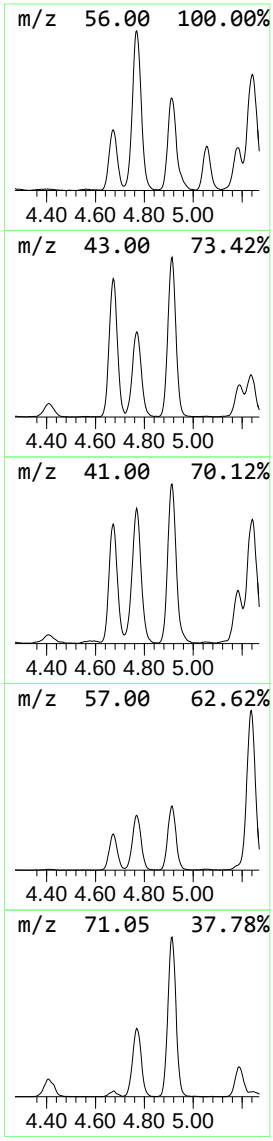
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.769	79.98 ug/L	1024440	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	40





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

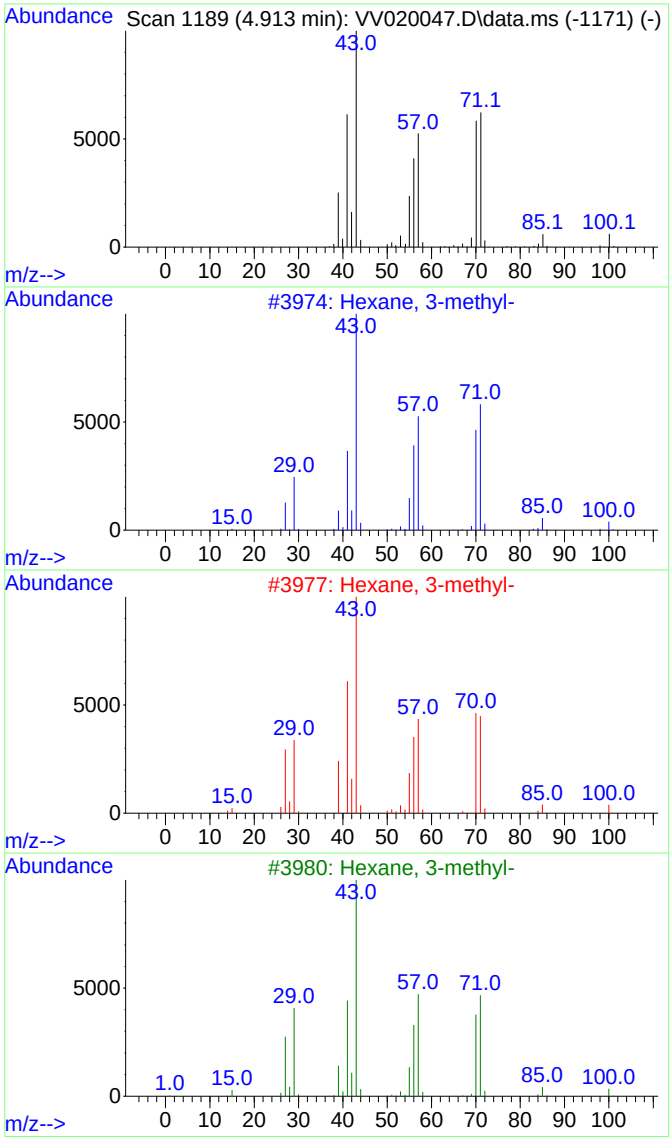
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

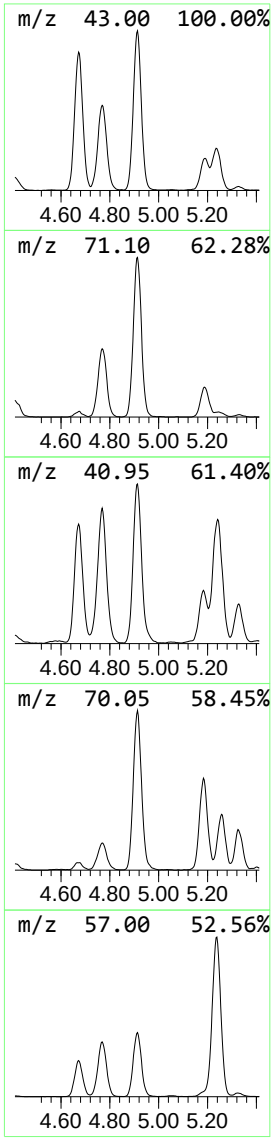
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.913	107.90 ug/L	1382040	1,4-Difluorobenzene	5.621

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	83
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane	100	C7H16	000142-82-5	80





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

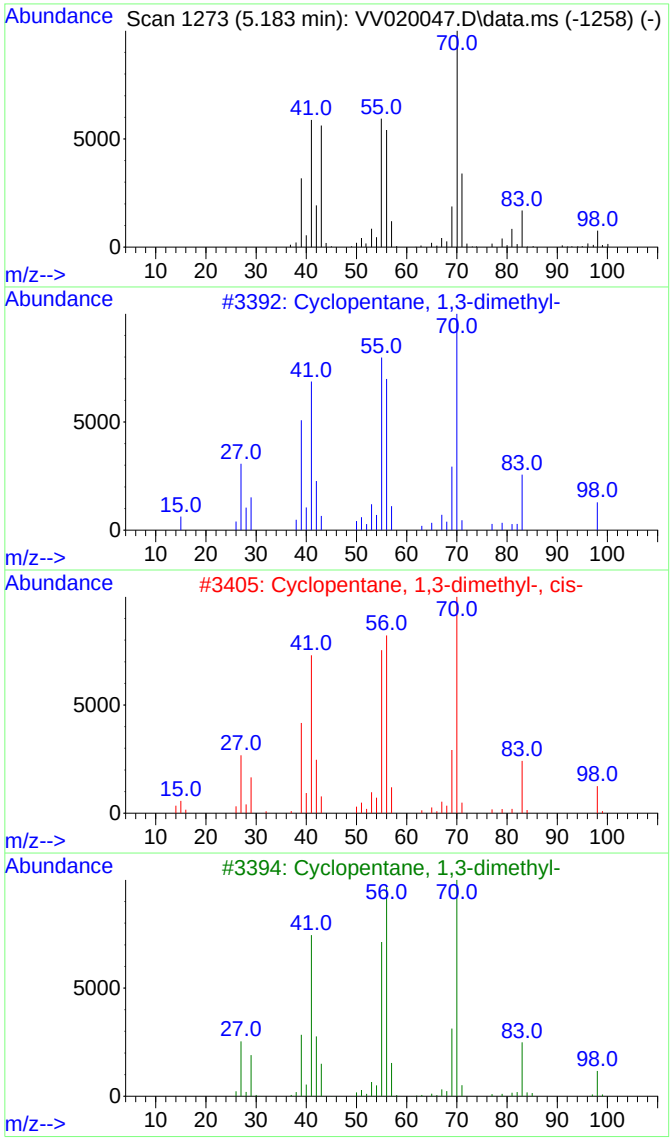
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

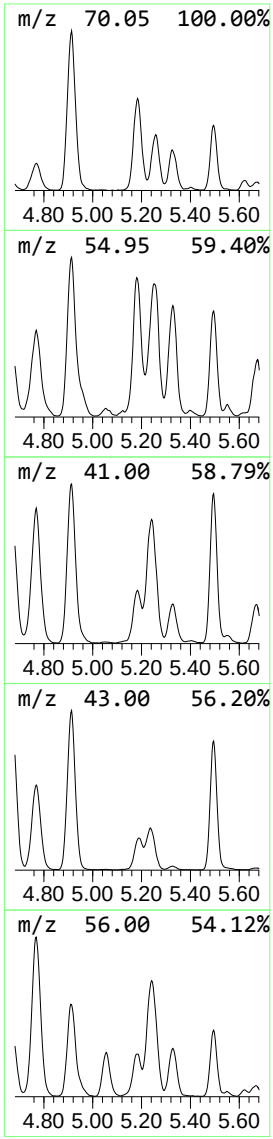
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic5.183 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.183	36.86 ug/L	472106	1,4-Difluorobenzene	5.621

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





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

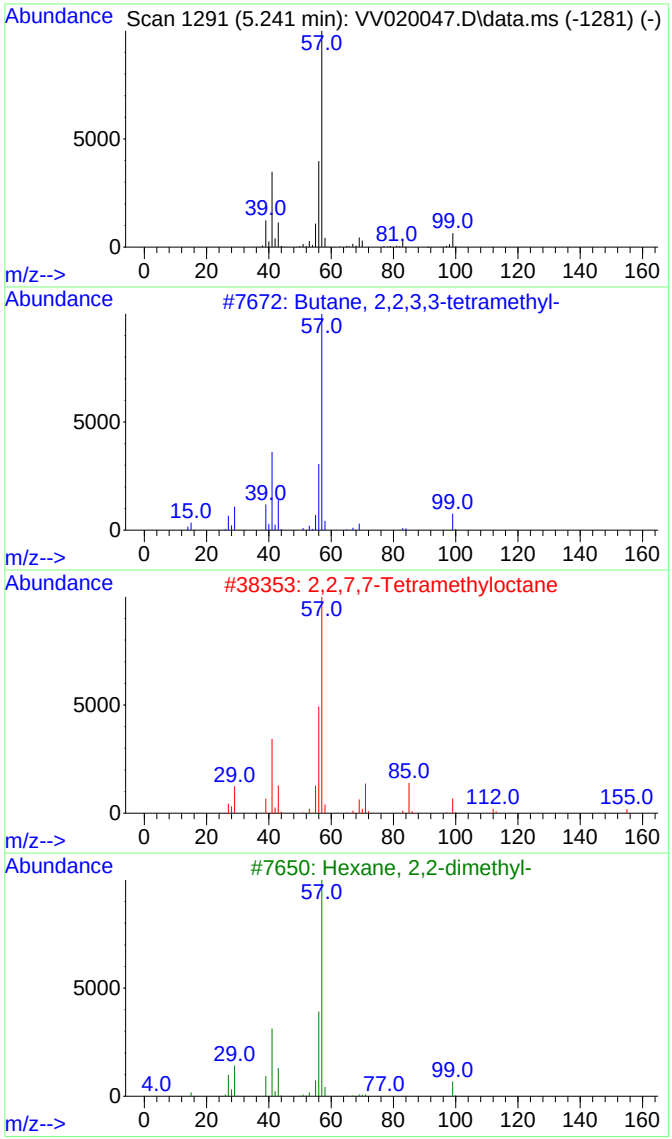
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

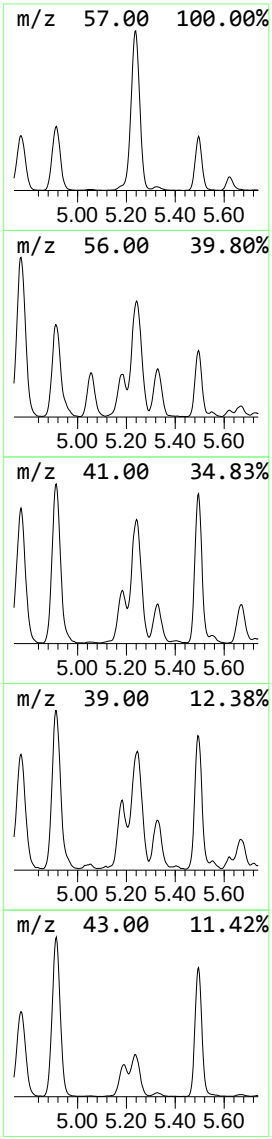
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.241	85.99 ug/L	1101360	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

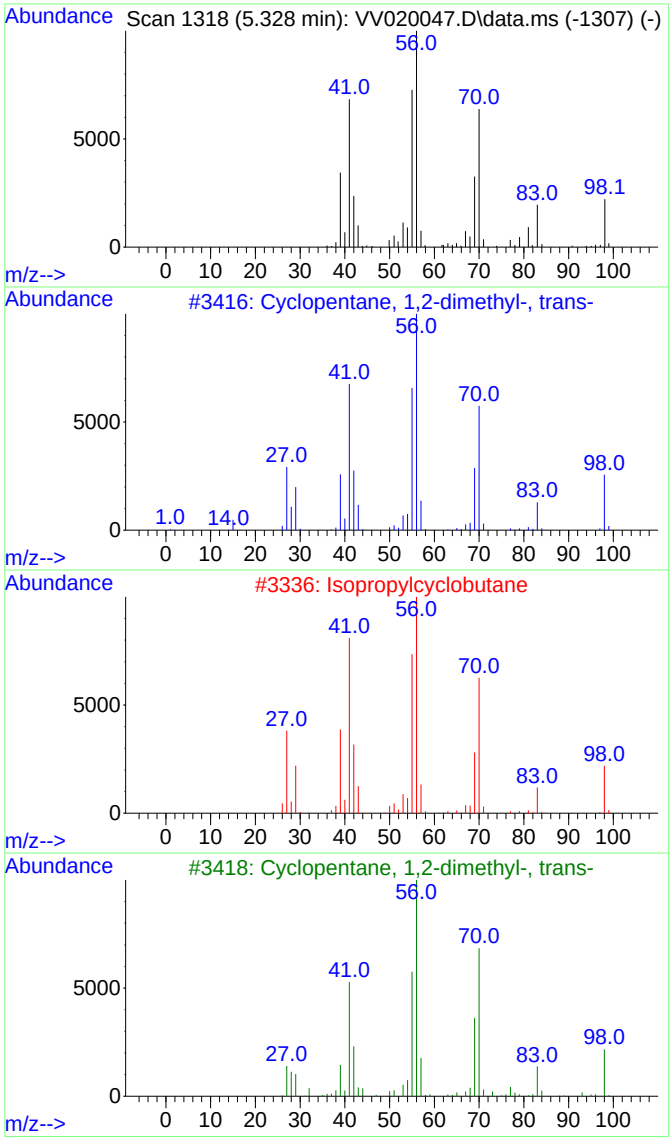
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

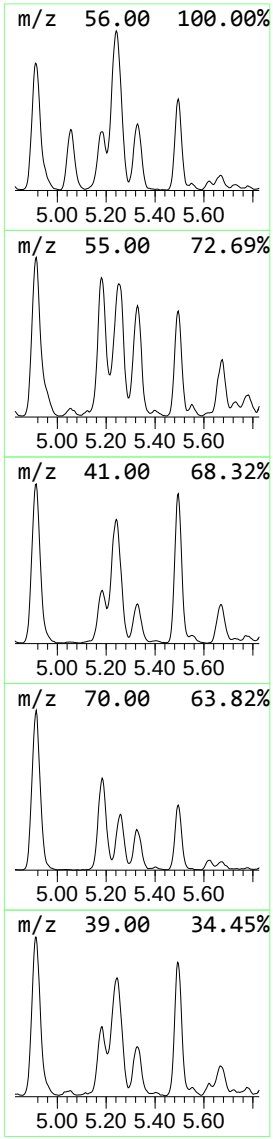
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.328 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.328	24.29 ug/L	311069	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
2	Isopropylcyclobutane	98	C7H14	000872-56-0	87
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	80
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	80
5	1-Heptene	98	C7H14	000592-76-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

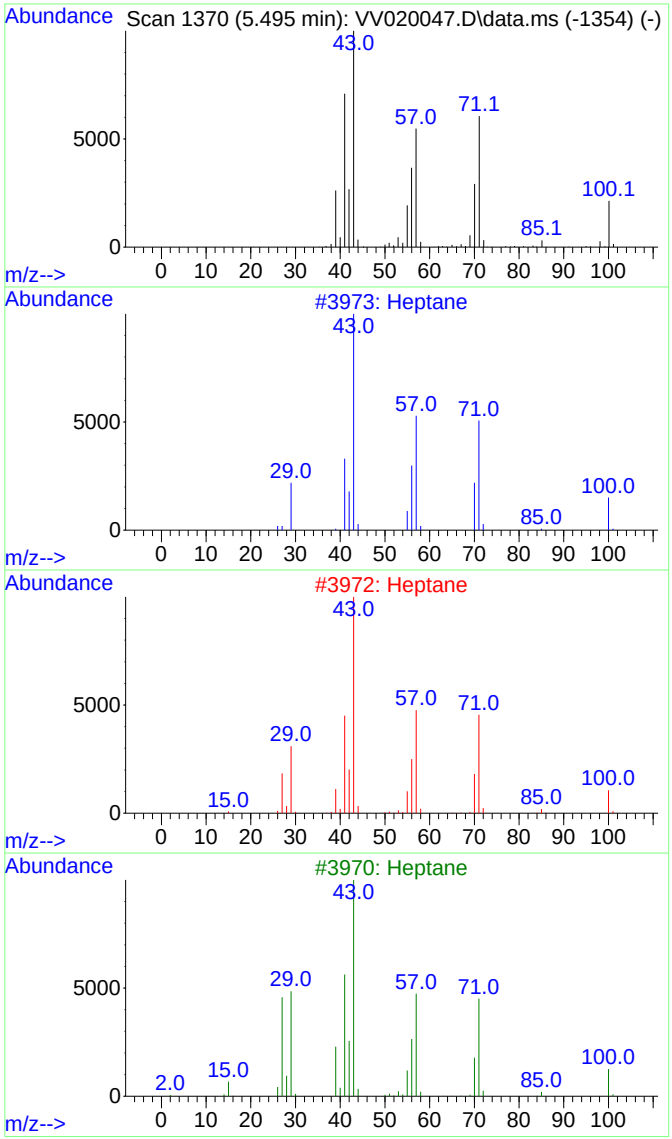
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

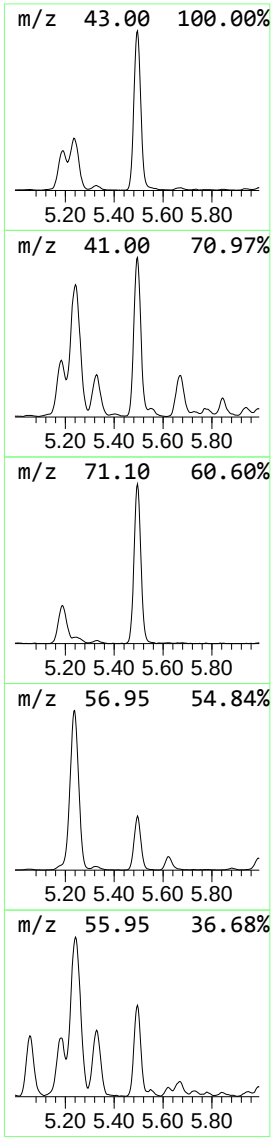
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.495	71.45 ug/L	915159	1,4-Difluorobenzene	5.621

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	58
4	Heptane	100	C7H16	000142-82-5	52
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

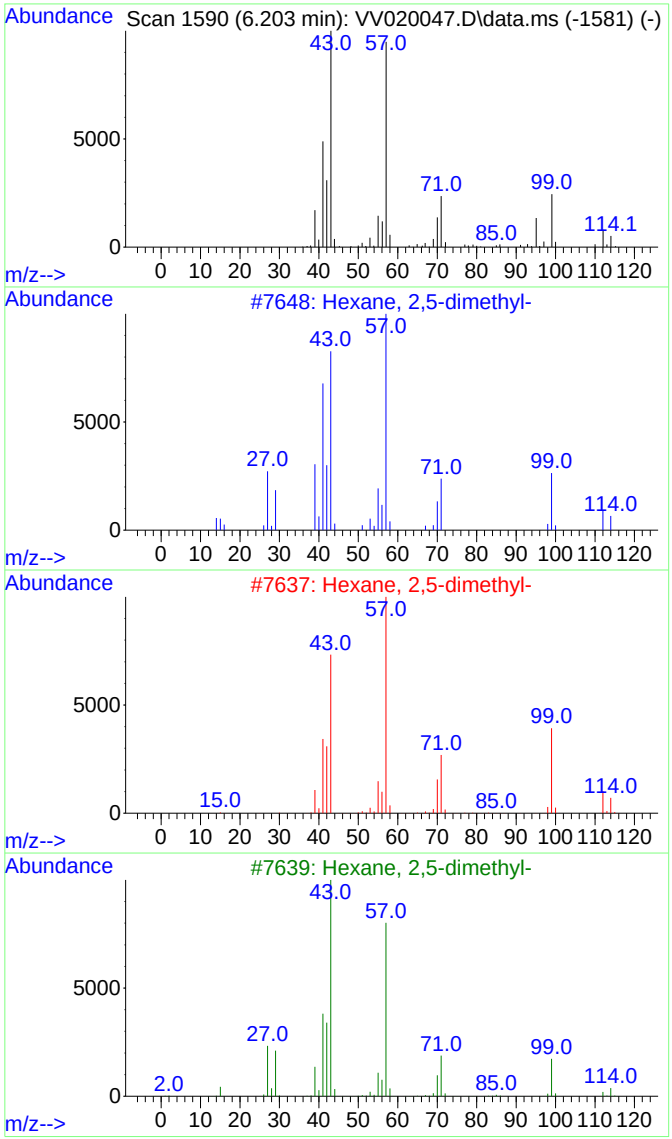
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

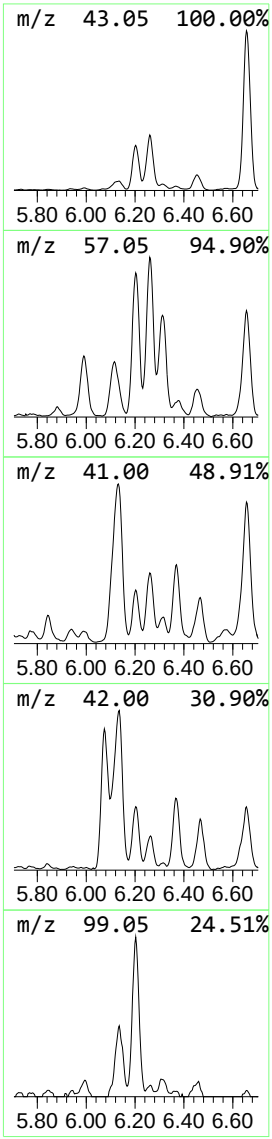
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.203	15.65 ug/L	200412	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	47
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

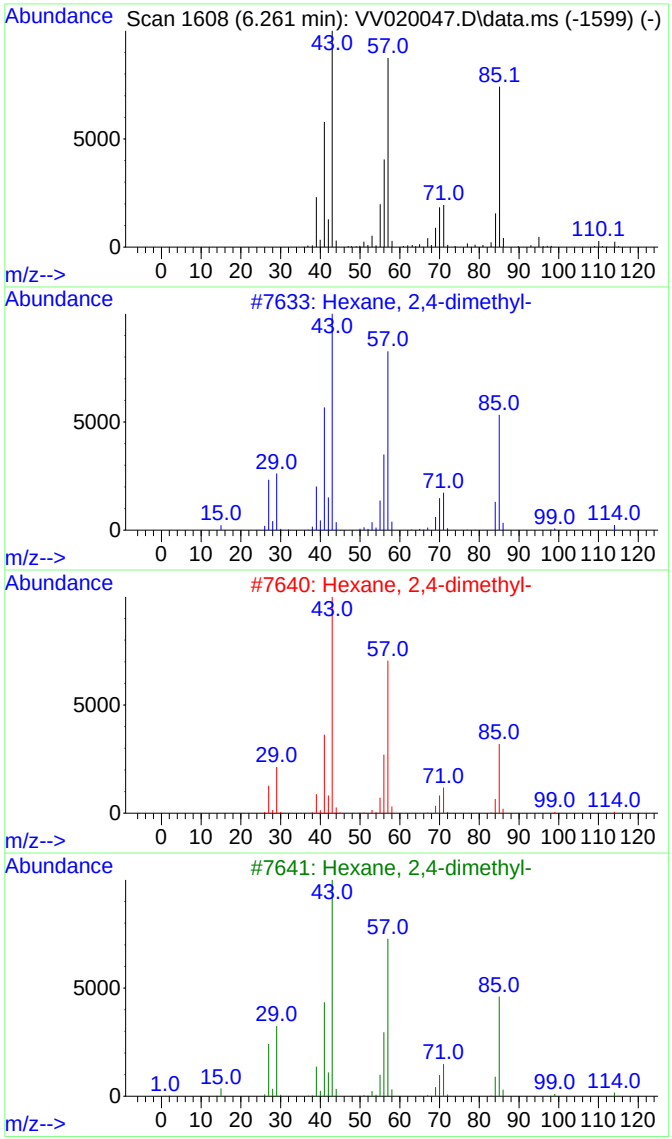
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

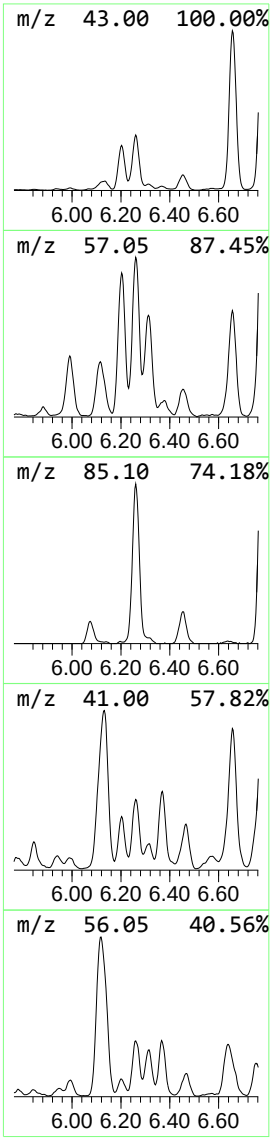
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.261	19.82 ug/L	253908	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

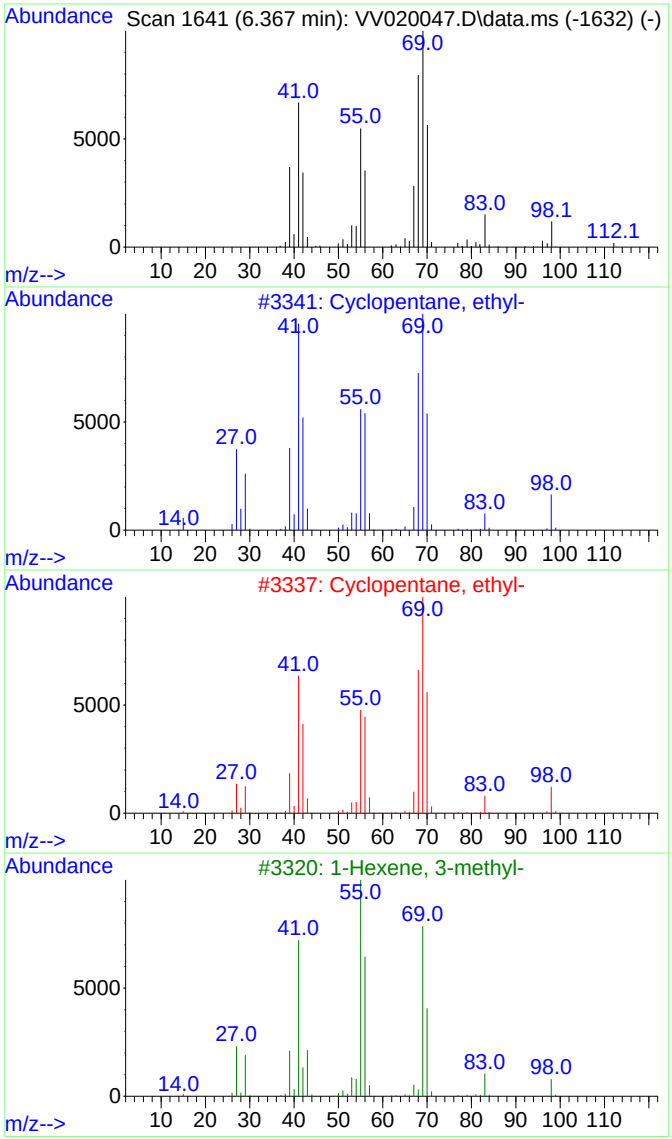
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

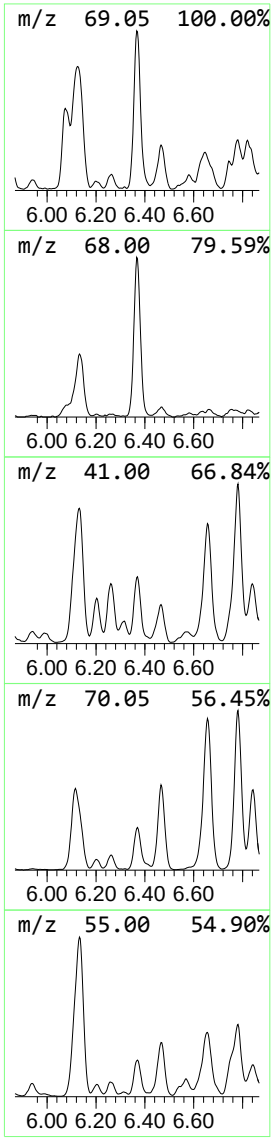
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic6.367 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.367	25.47 ug/L	326183	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	68
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	43





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

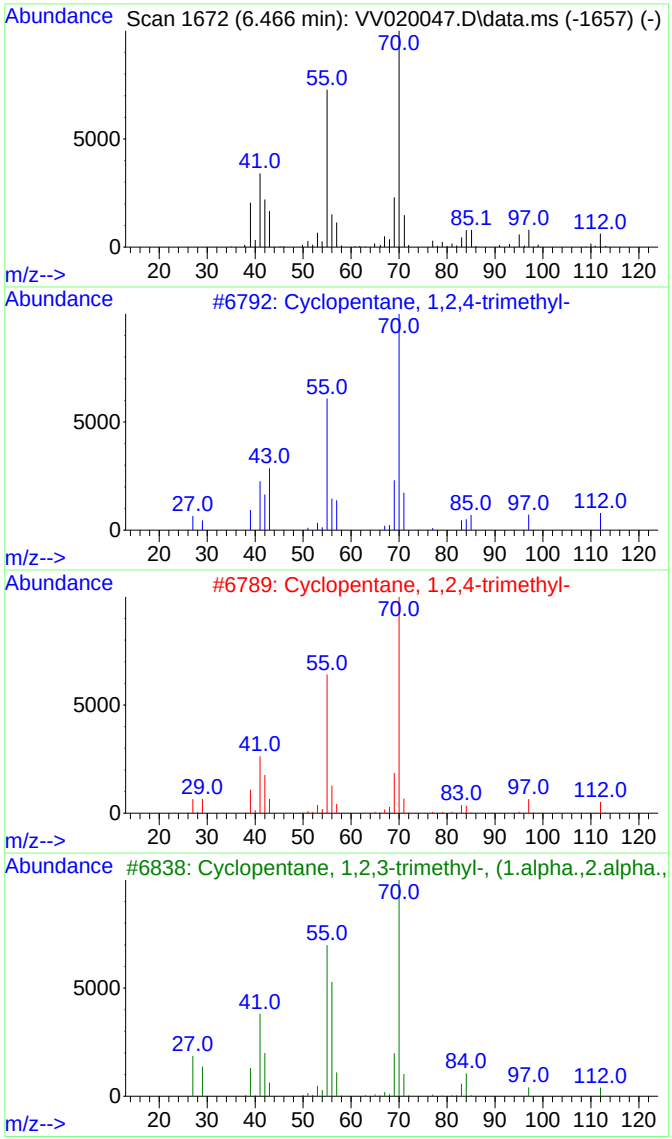
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

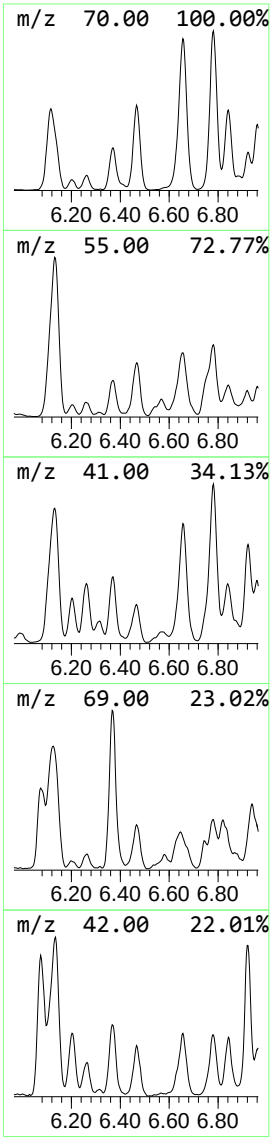
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic6.466 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.466	26.20 ug/L	335614	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	87
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5	Undecane, 3-methylene-	168	C12H24	071138-64-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

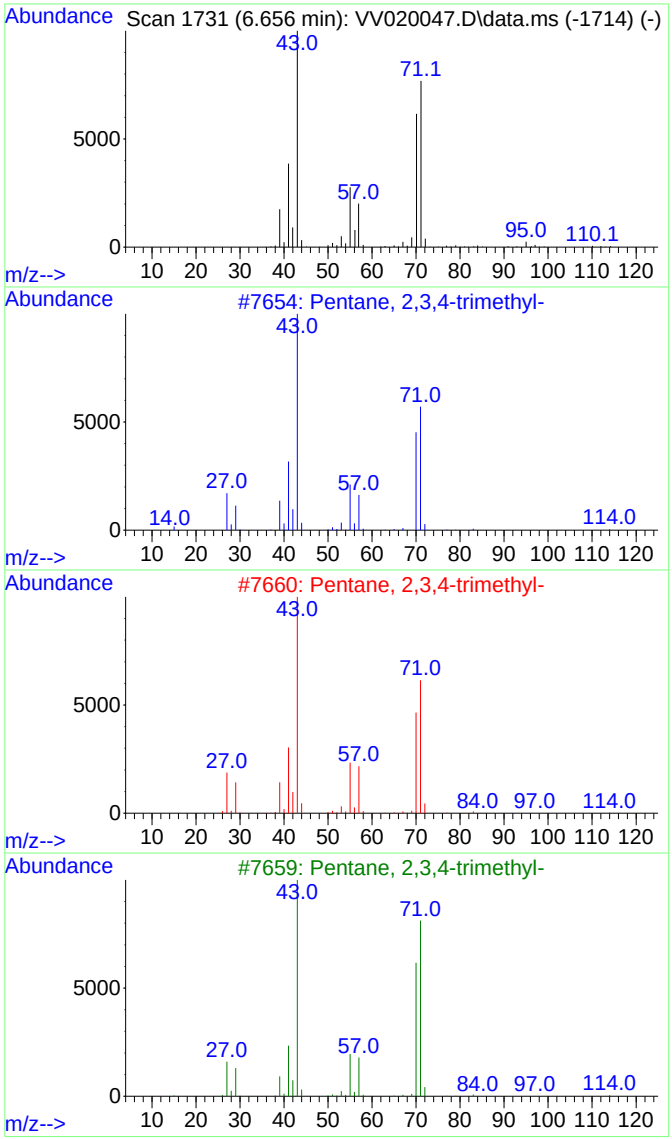
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

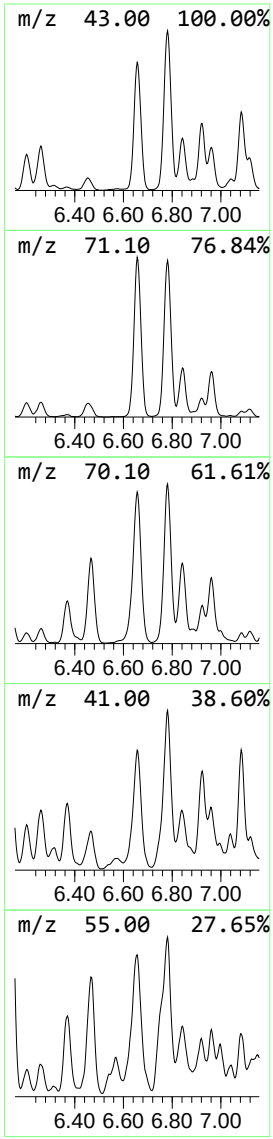
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.656	74.38 ug/L	952730	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	78
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

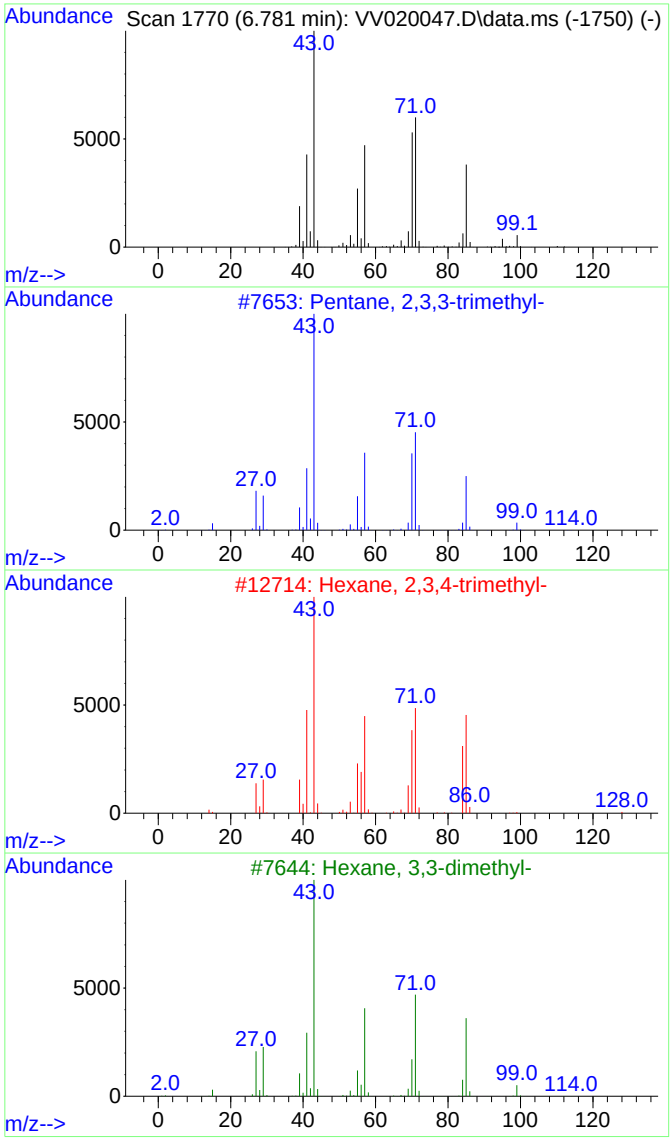
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

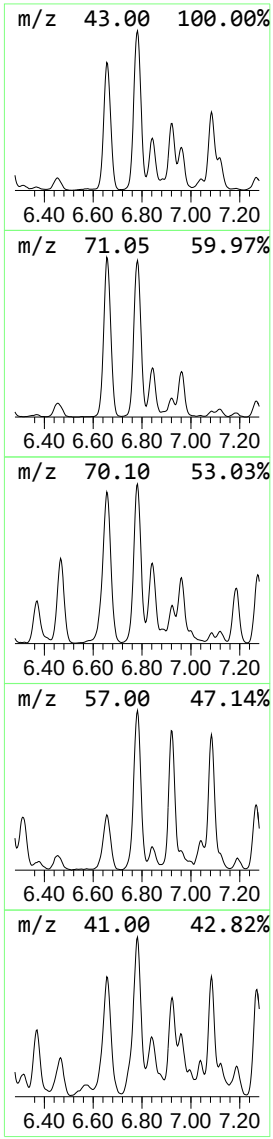
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	99.01 ug/L	1268230	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

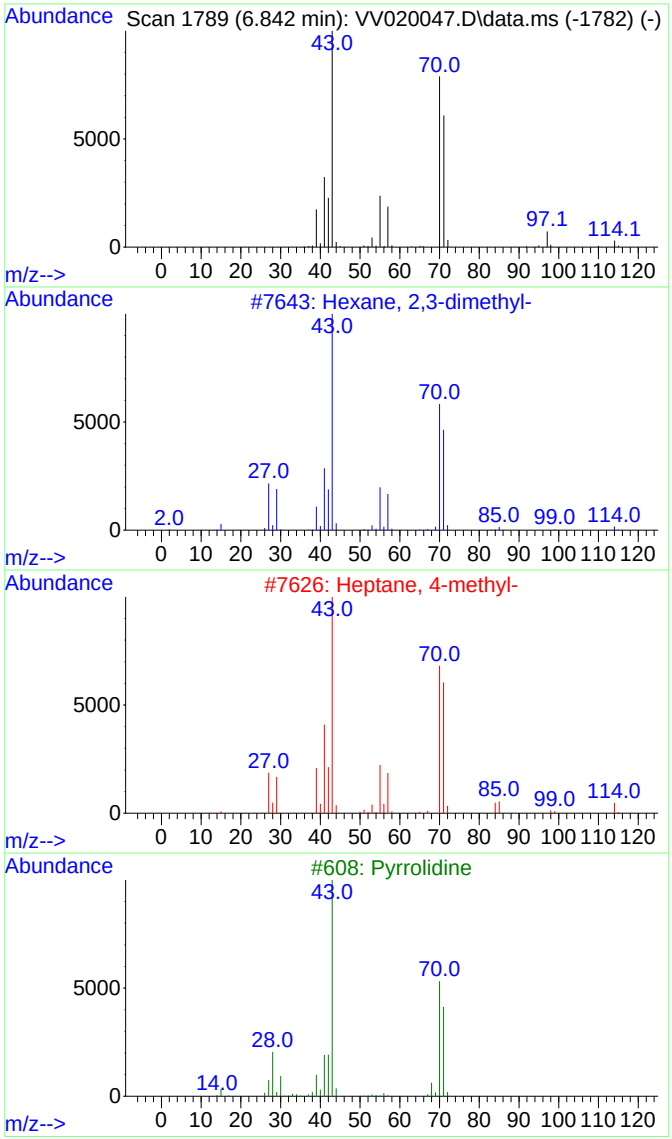
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

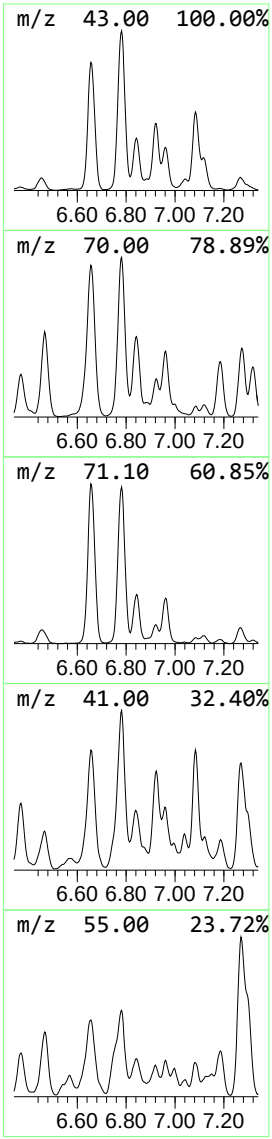
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.842	16.61 ug/L	212800	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
3	Pyrrolidine	71	C4H9N	000123-75-1	72
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

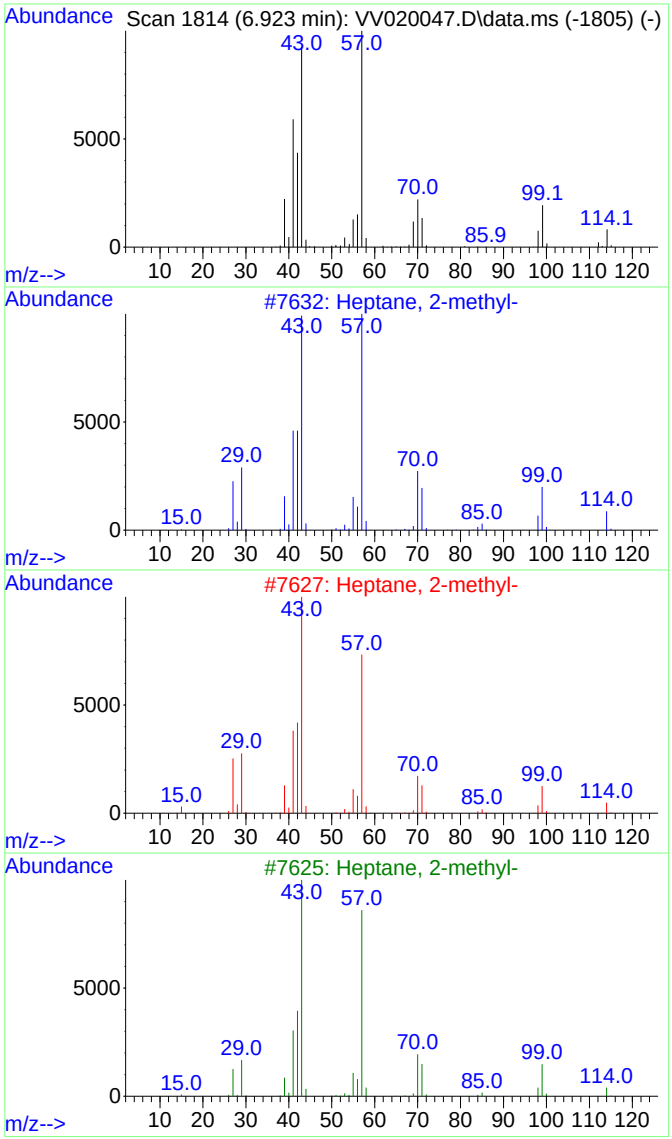
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

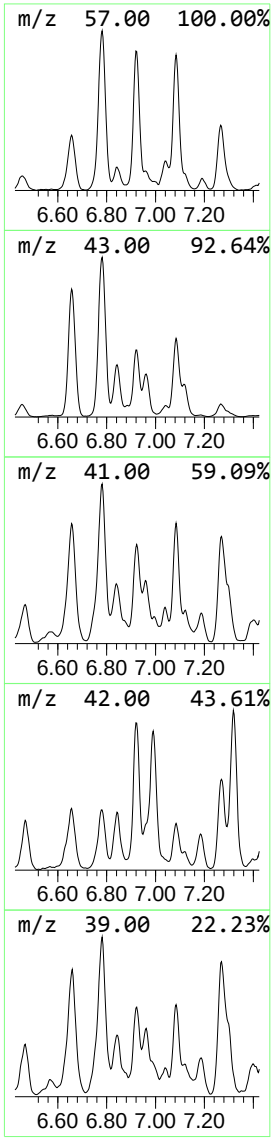
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.923	26.06 ug/L	333769	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	80
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	68
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

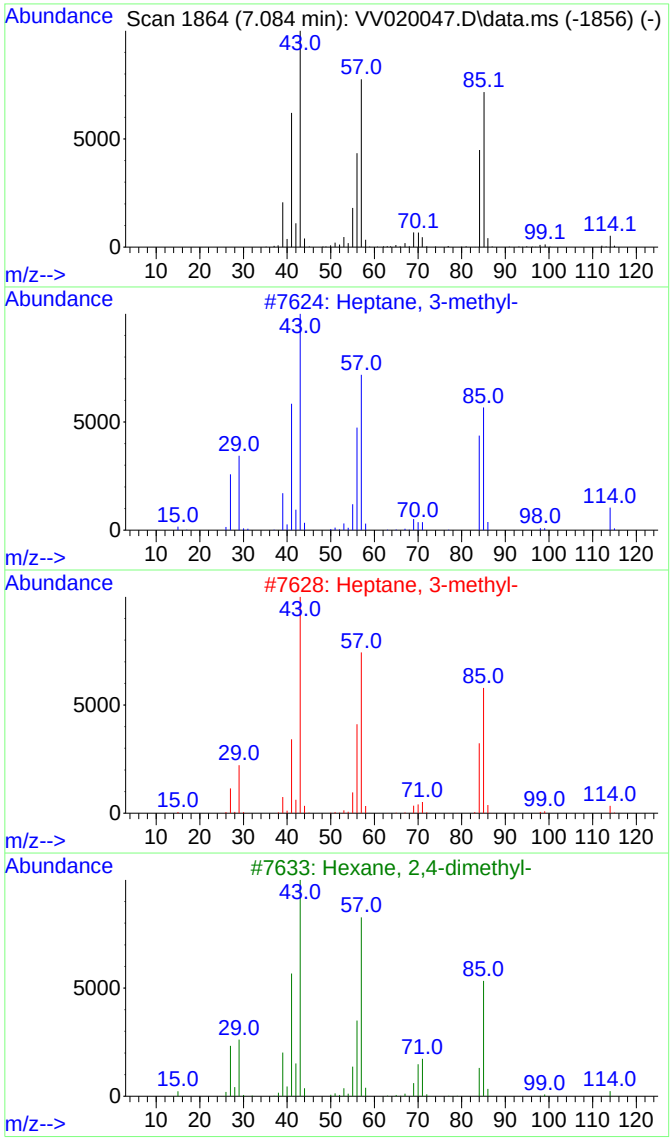
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

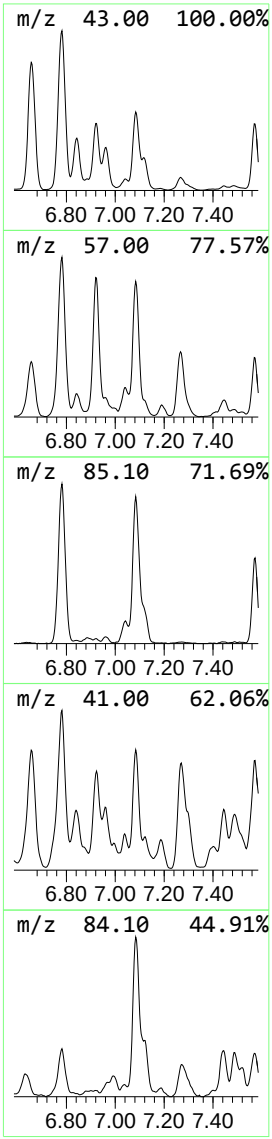
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.084	32.82 ug/L	420427	1,4-Difluorobenzene	5.621

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	87
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	64
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

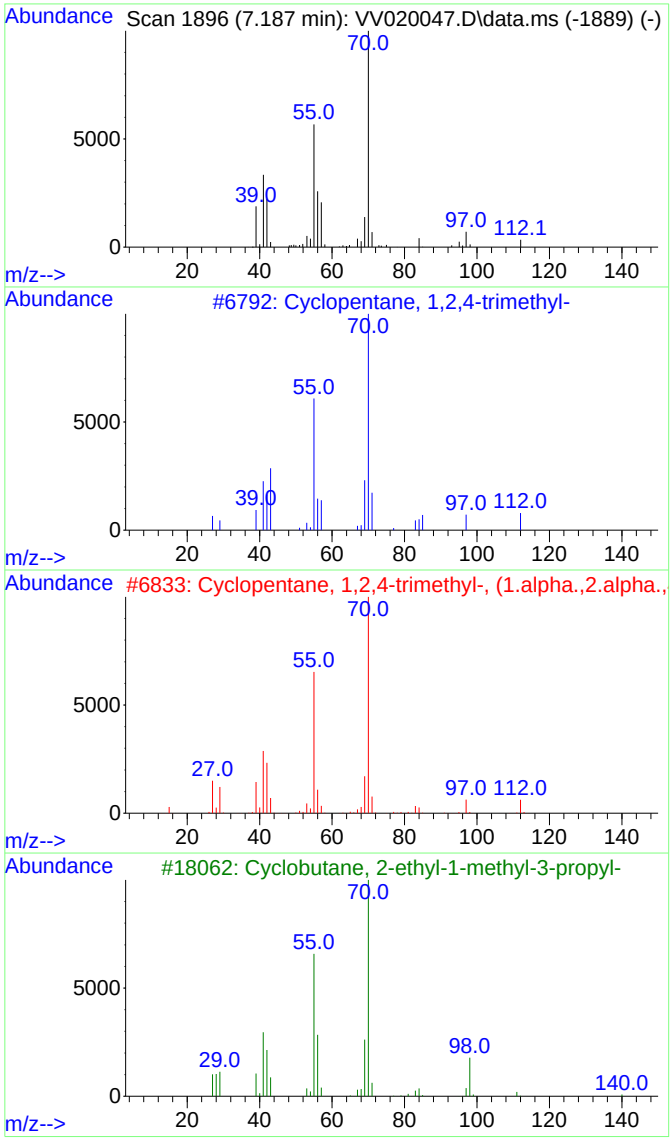
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

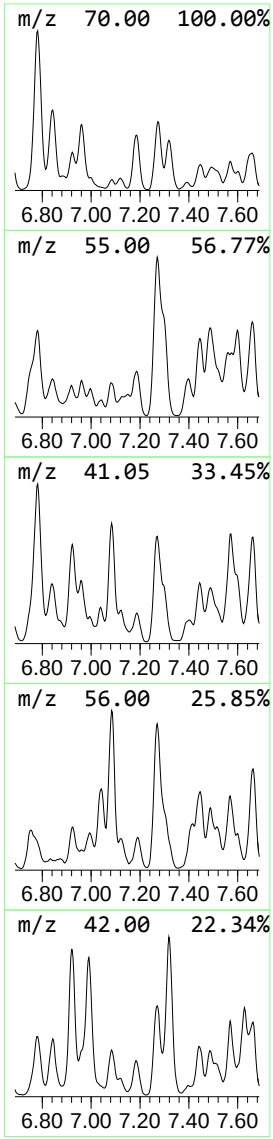
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic7.187 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.187	14.24 ug/L	182441	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	64
3	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	56
4	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	50
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

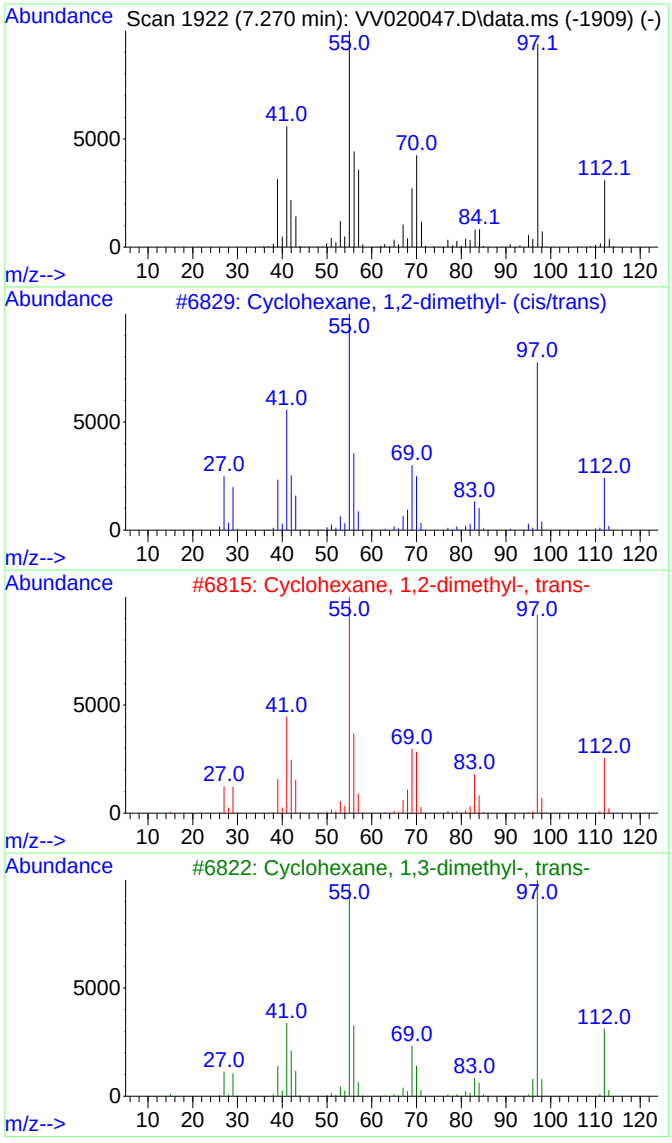
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

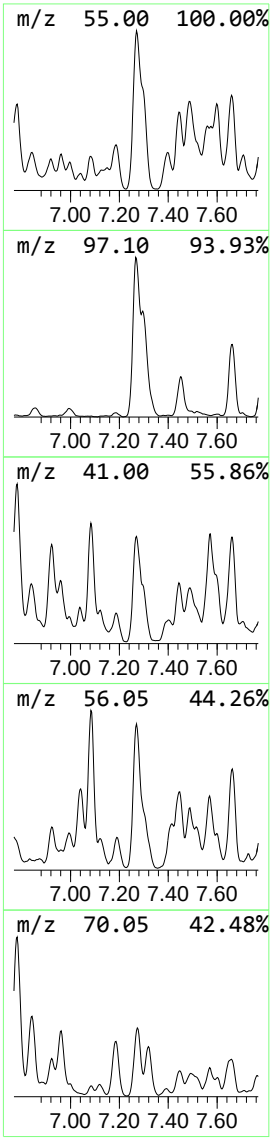
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic7.270 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.270	42.27 ug/L	805726	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

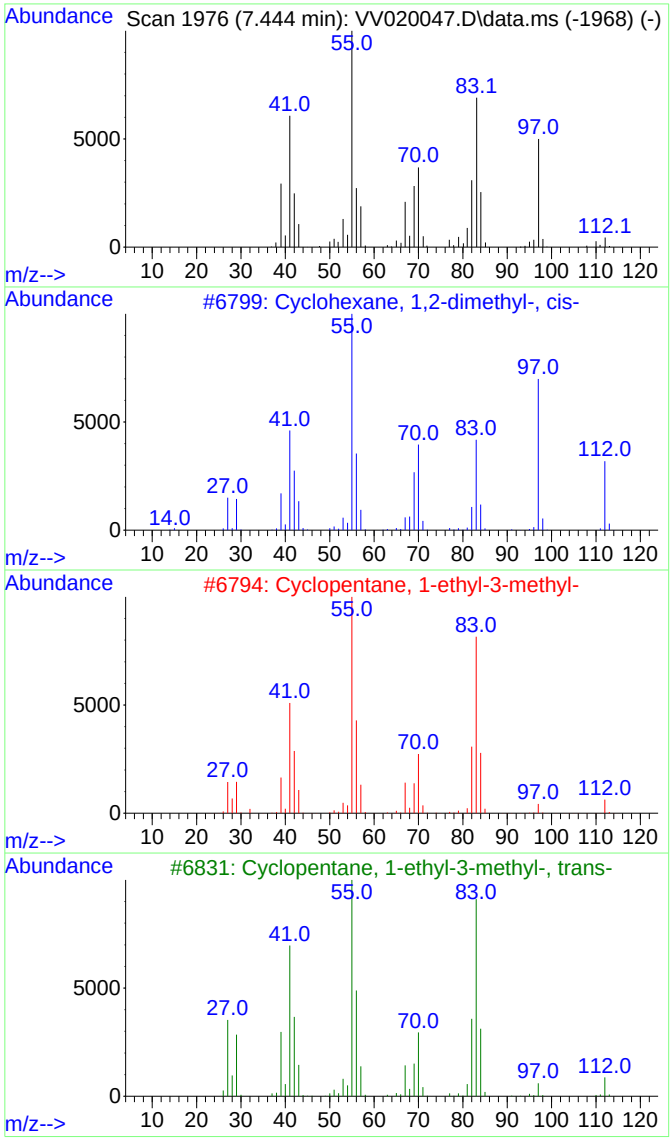
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

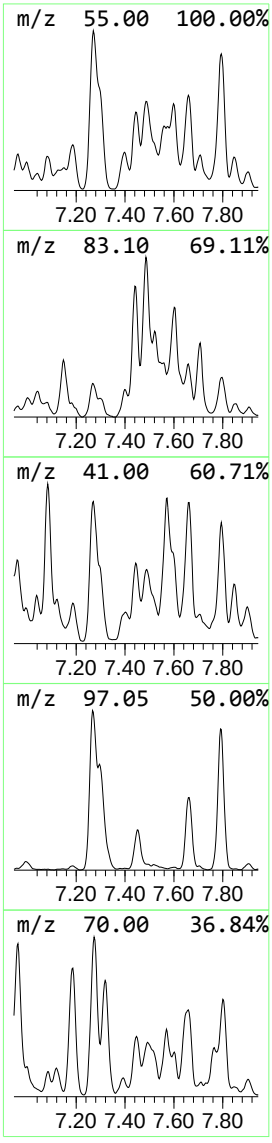
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic7.444 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.444	12.03 ug/L	229251	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	52
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	52
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	43
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

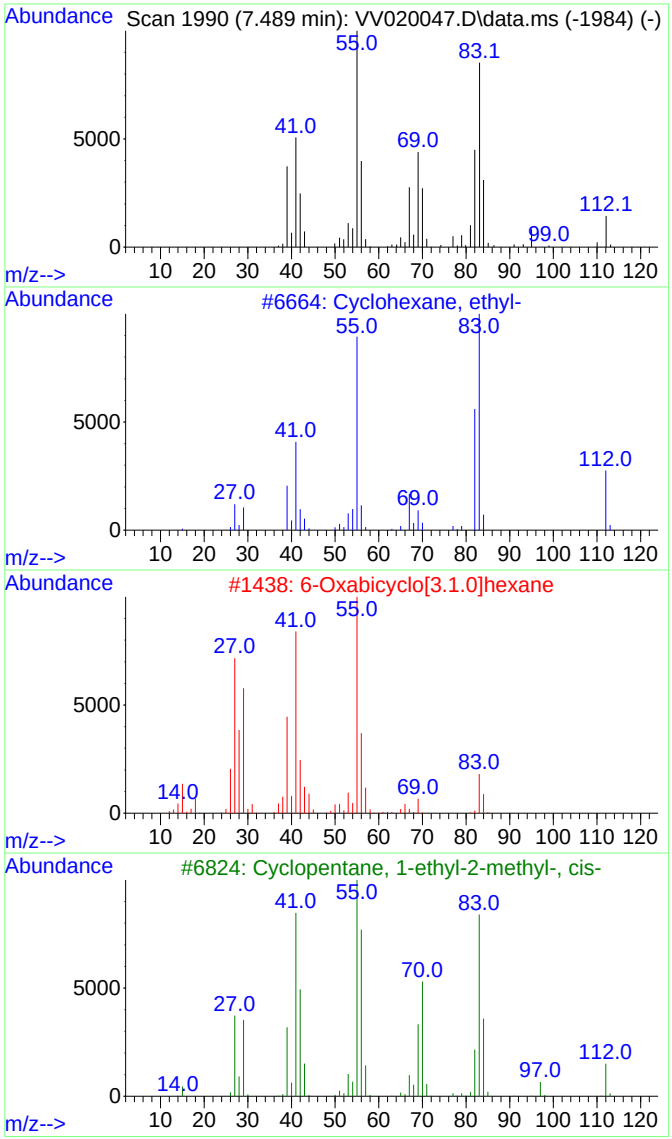
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

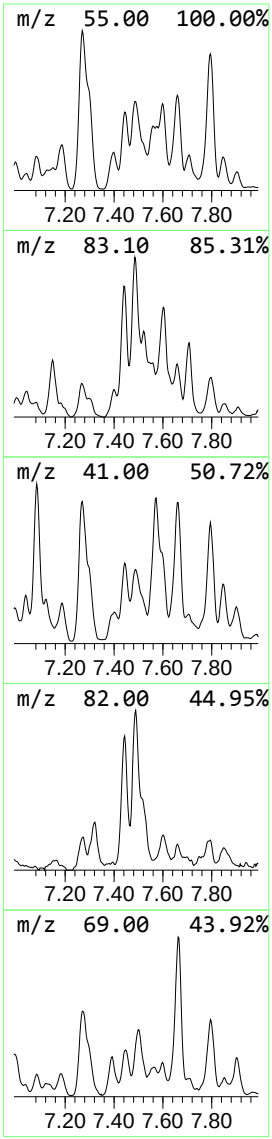
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic7.489 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.489	11.73 ug/L	223607	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	52
2	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	49
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	49
4	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	46
5	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

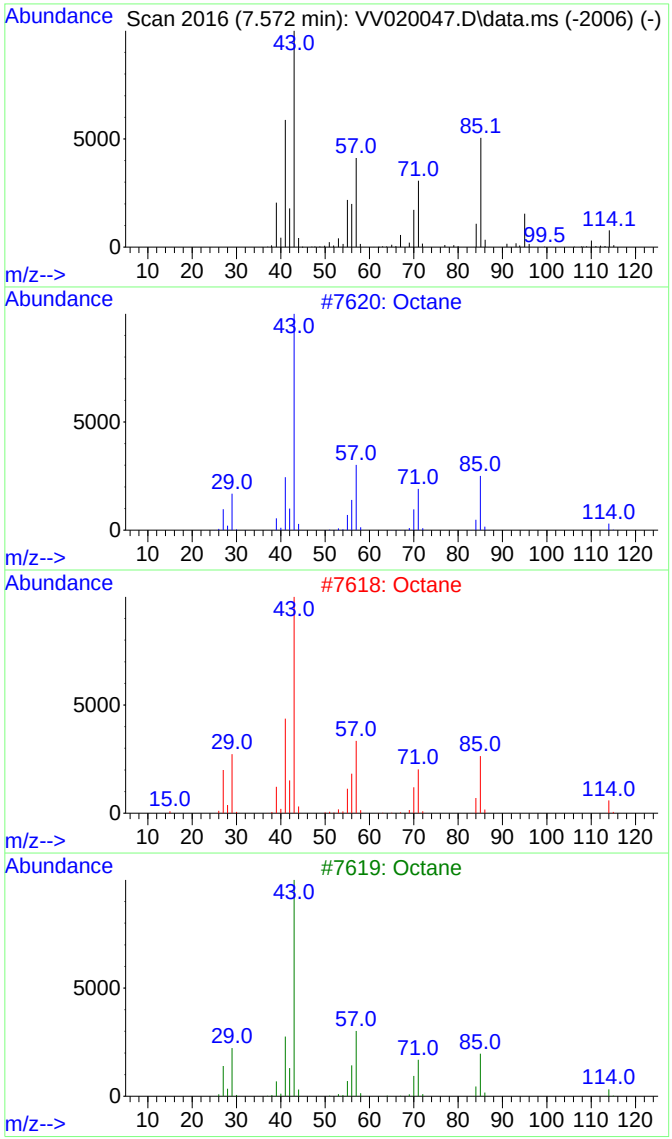
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

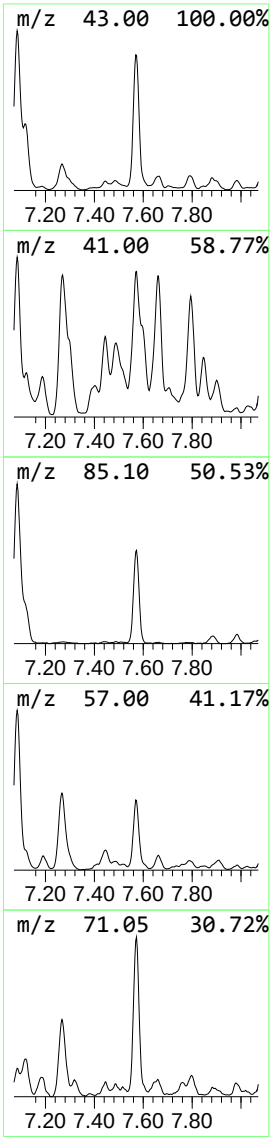
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.572	32.82 ug/L	625500	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Octane	114	C8H18	000111-65-9	76
3	Octane	114	C8H18	000111-65-9	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

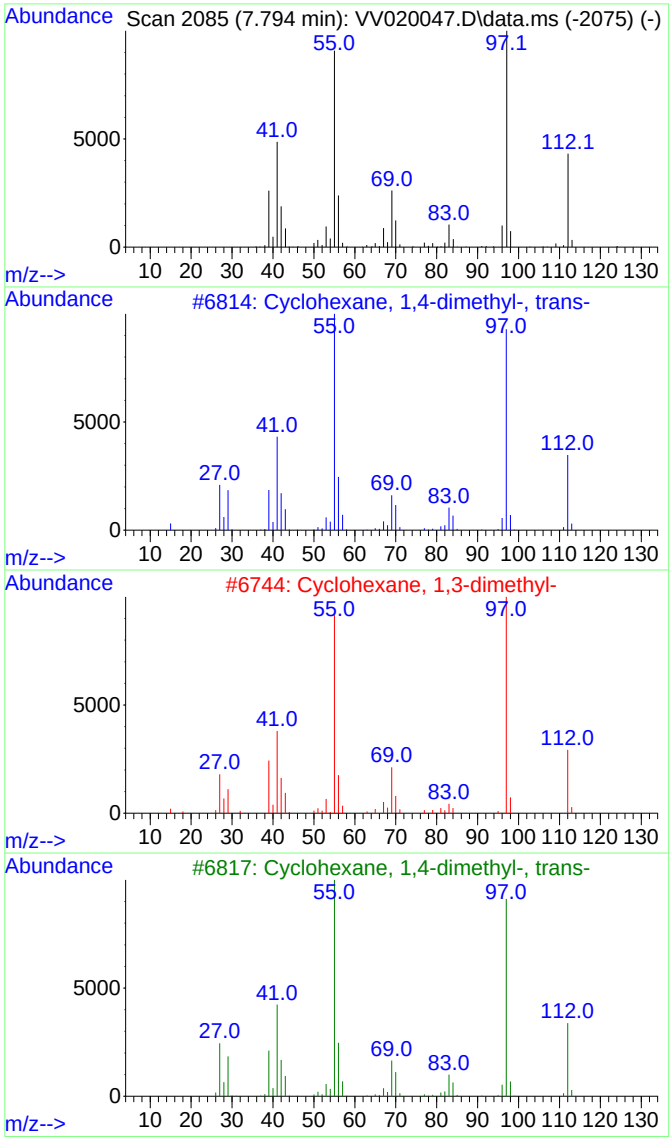
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

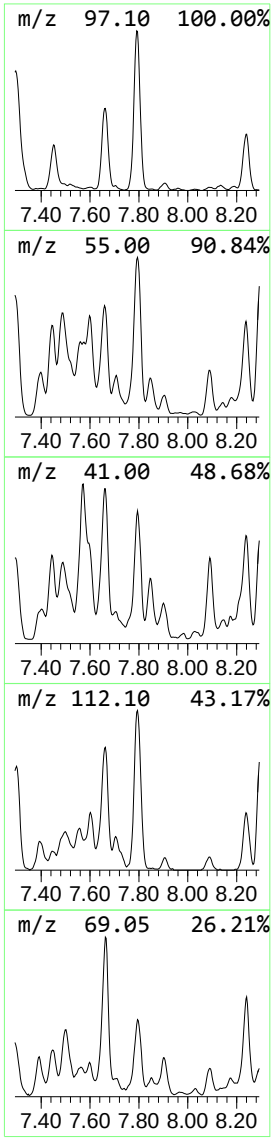
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic7.794 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.794	21.66 ug/L	412802	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	90
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

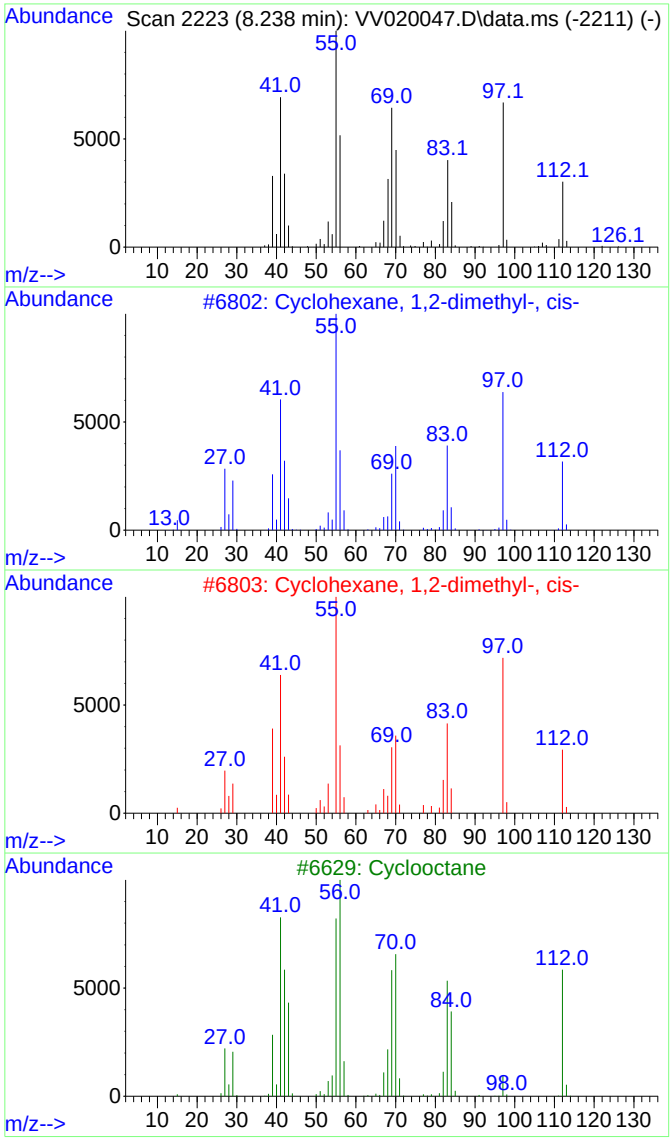
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

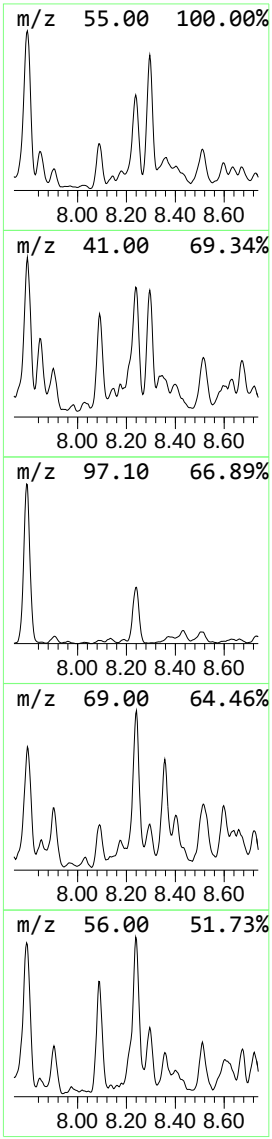
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic8.238 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.238	26.79 ug/L	510646	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	87
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	81
3	Cyclooctane	112	C8H16	000292-64-8	76
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	72
5	2-Octene, (Z)-	112	C8H16	007642-04-8	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

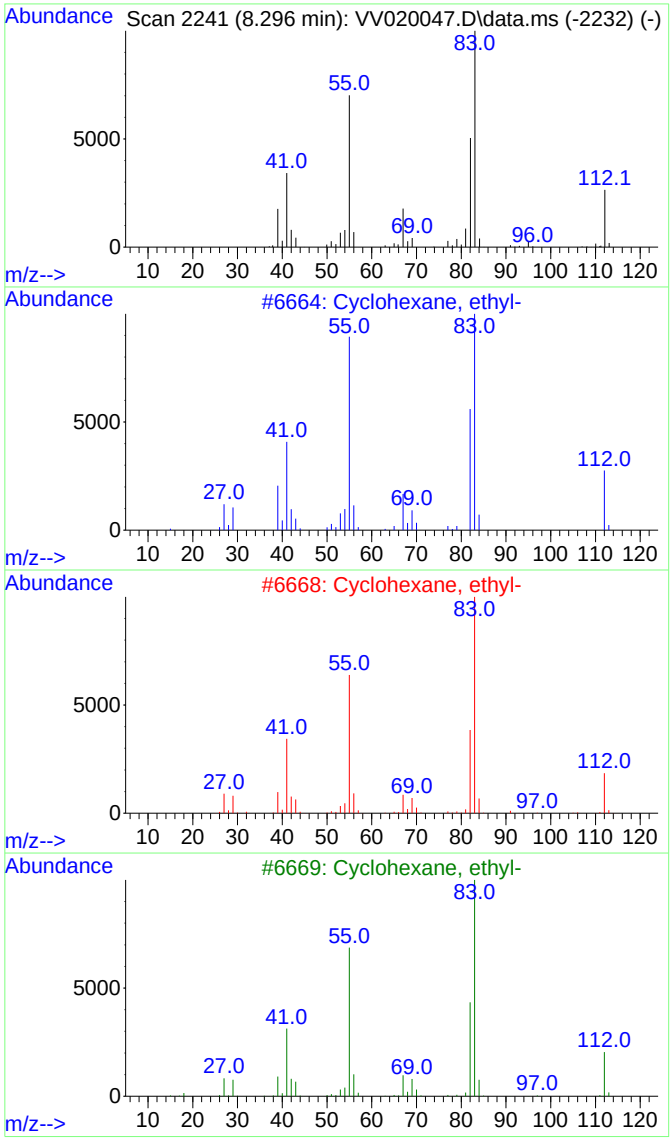
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

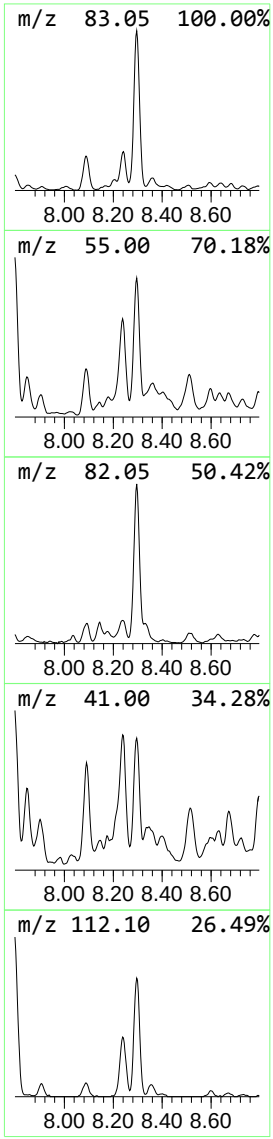
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic8.296 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.296	19.88 ug/L	378899	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

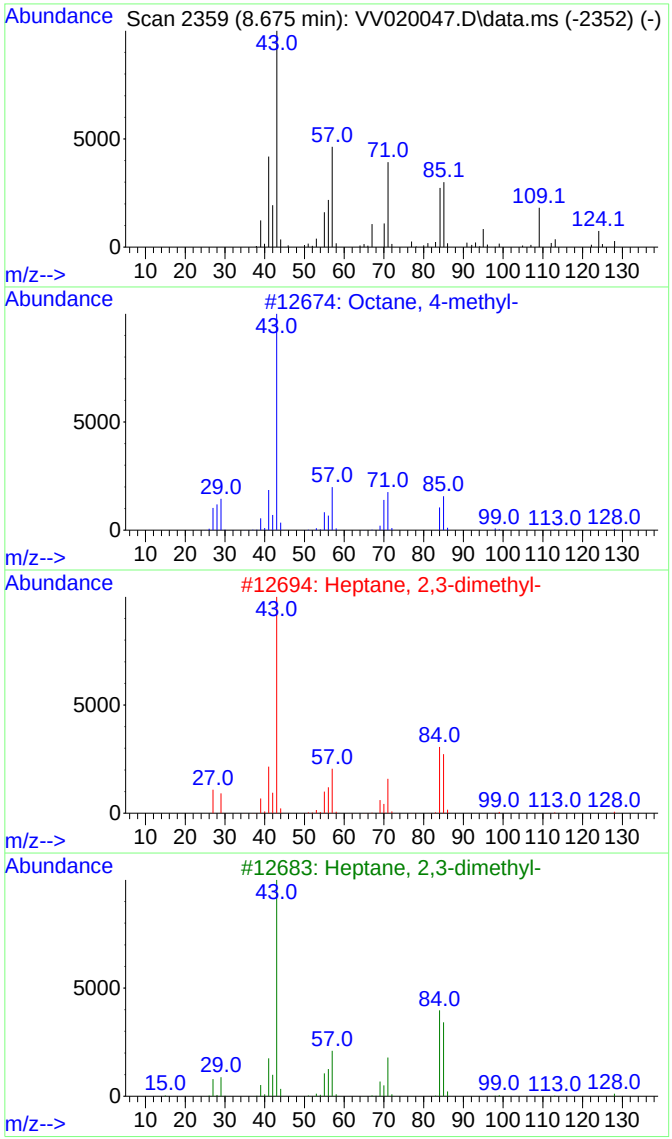
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

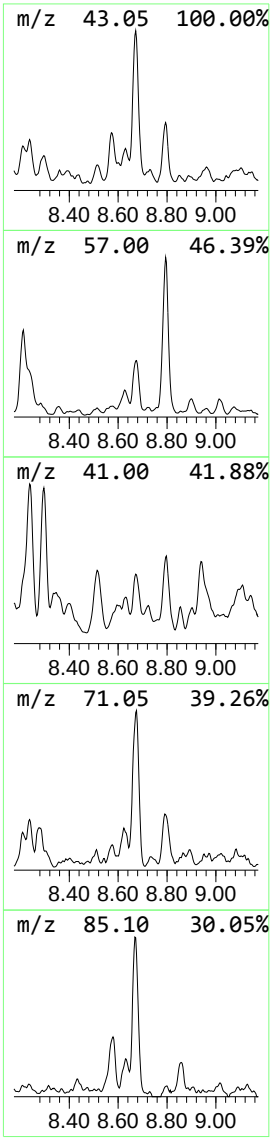
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	10.44 ug/L	199009	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	53
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	46
4	Octane, 4-methyl-	128	C9H20	002216-34-4	45
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

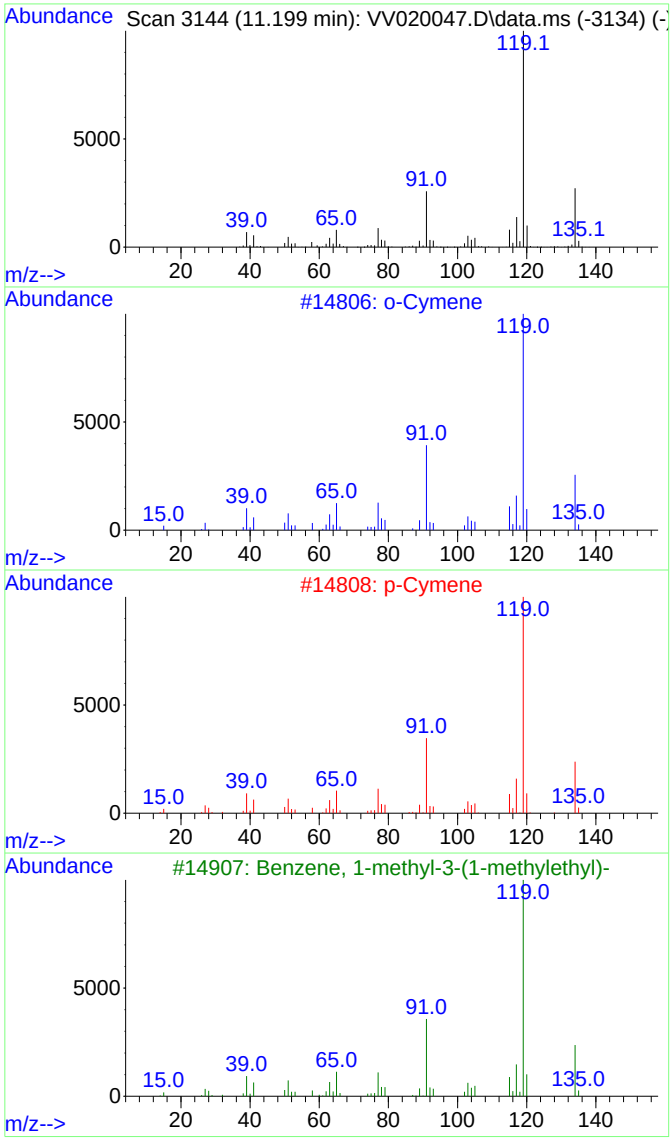
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

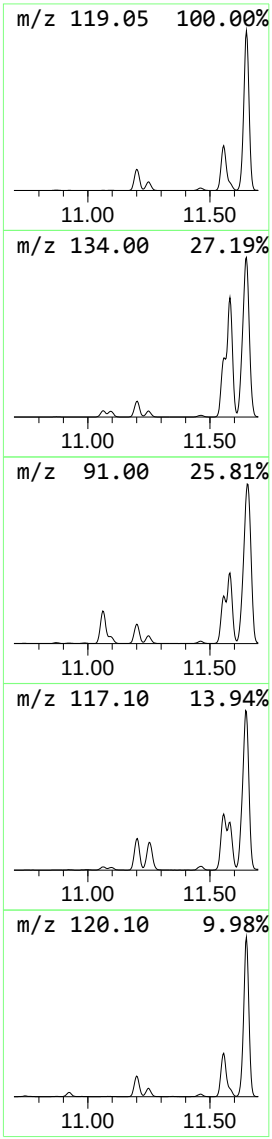
****

Peak Number 41 o-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.199	38.67 ug/L	1143450	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

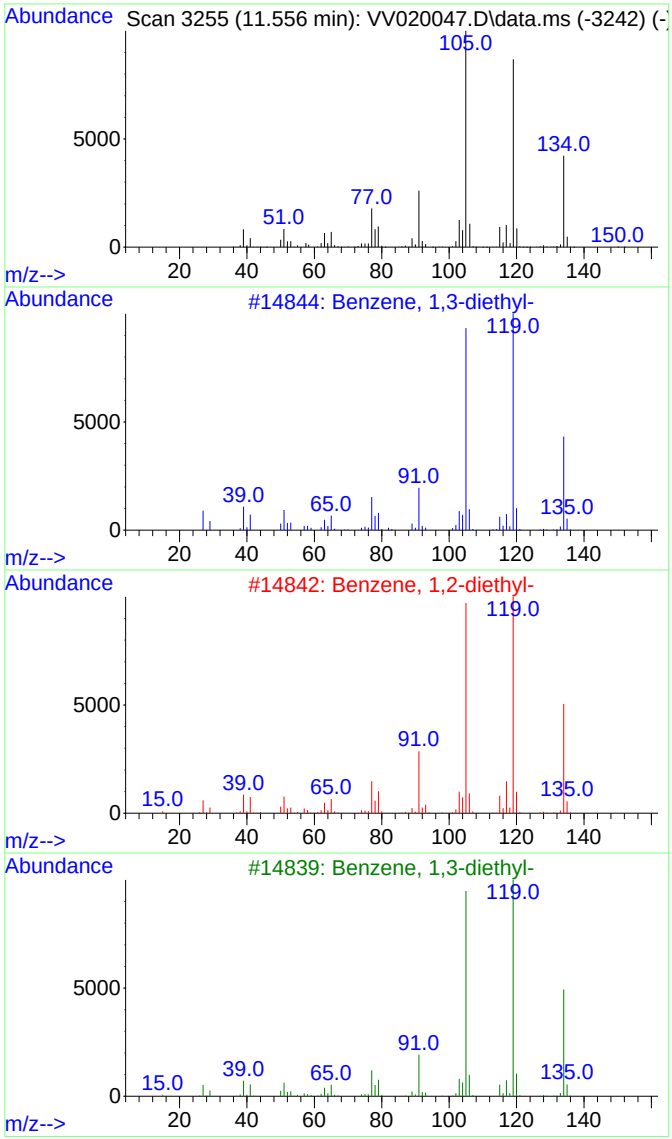
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

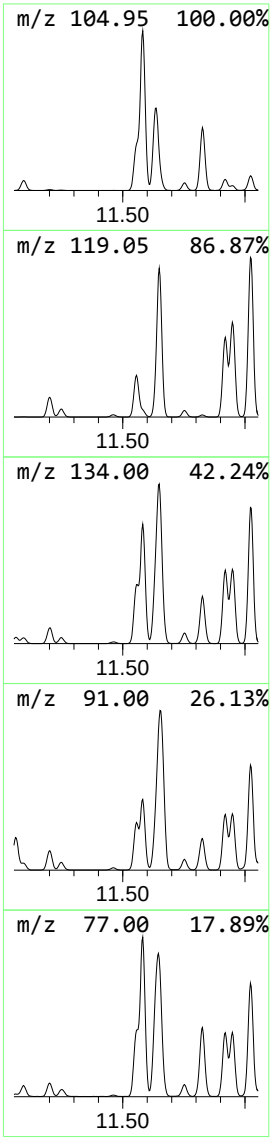
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.556	119.25 ug/L	3525840	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

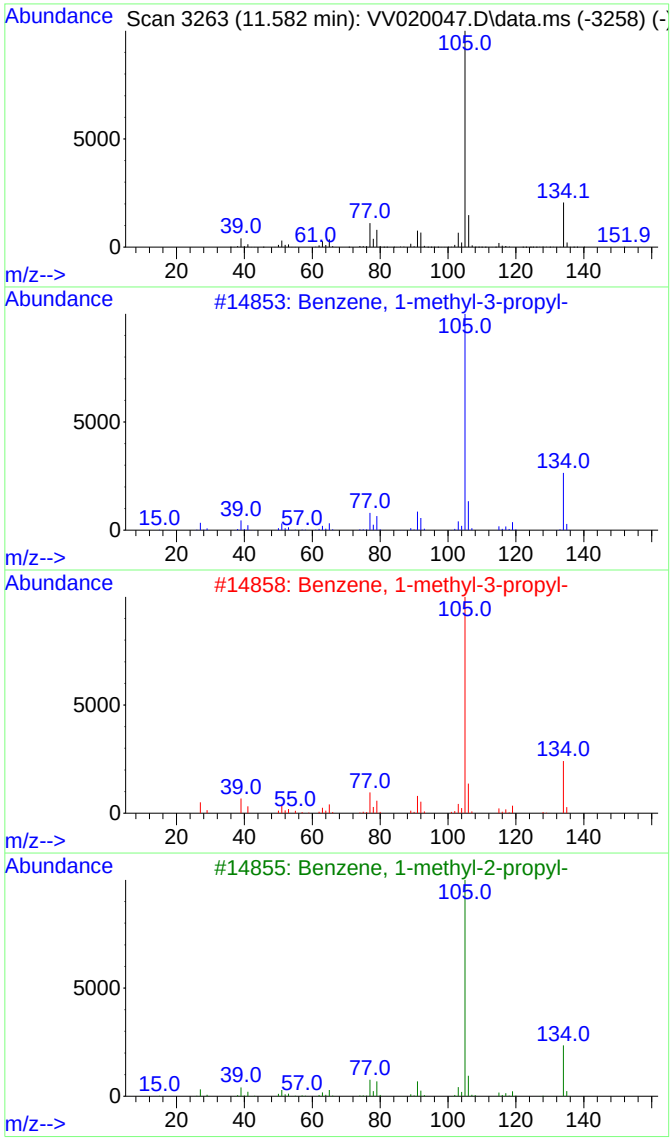
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

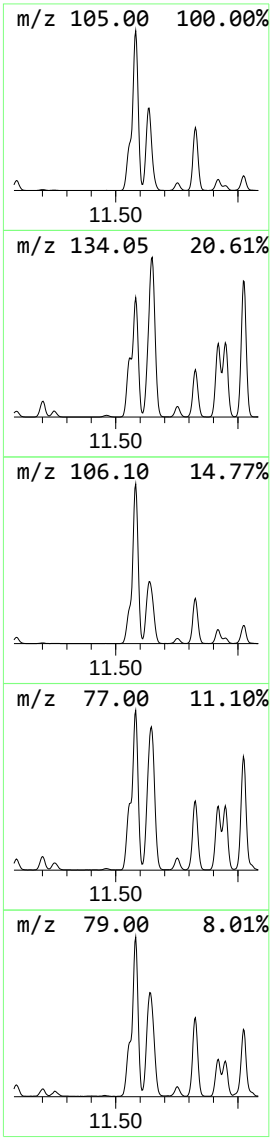
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.582	259.28 ug/L	7665980	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

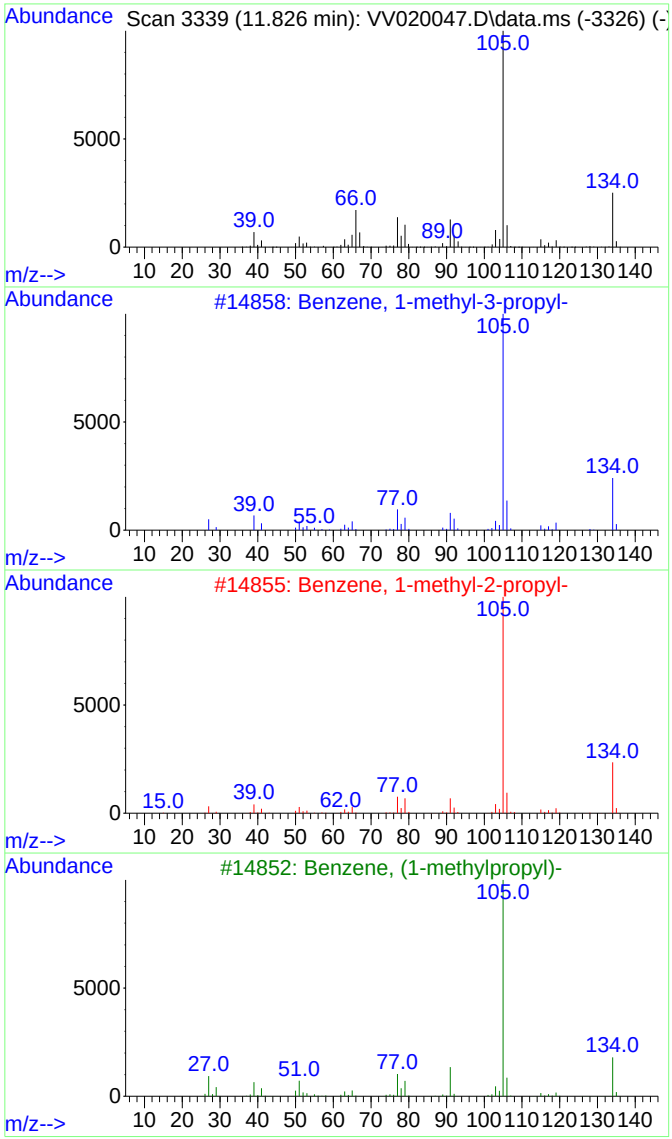
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

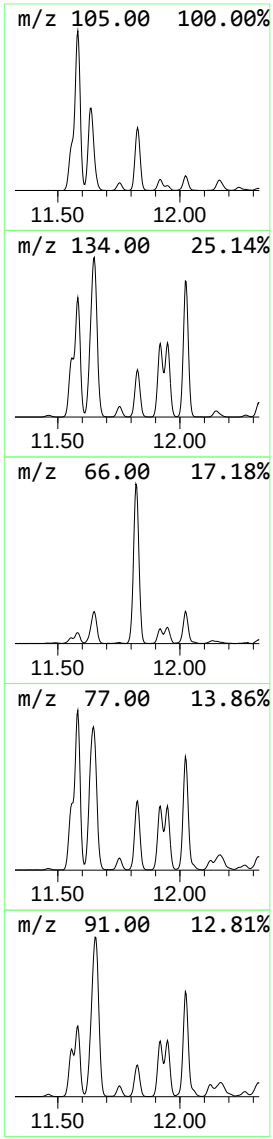
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-methyl-2-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.826	125.19 ug/L	3701500	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

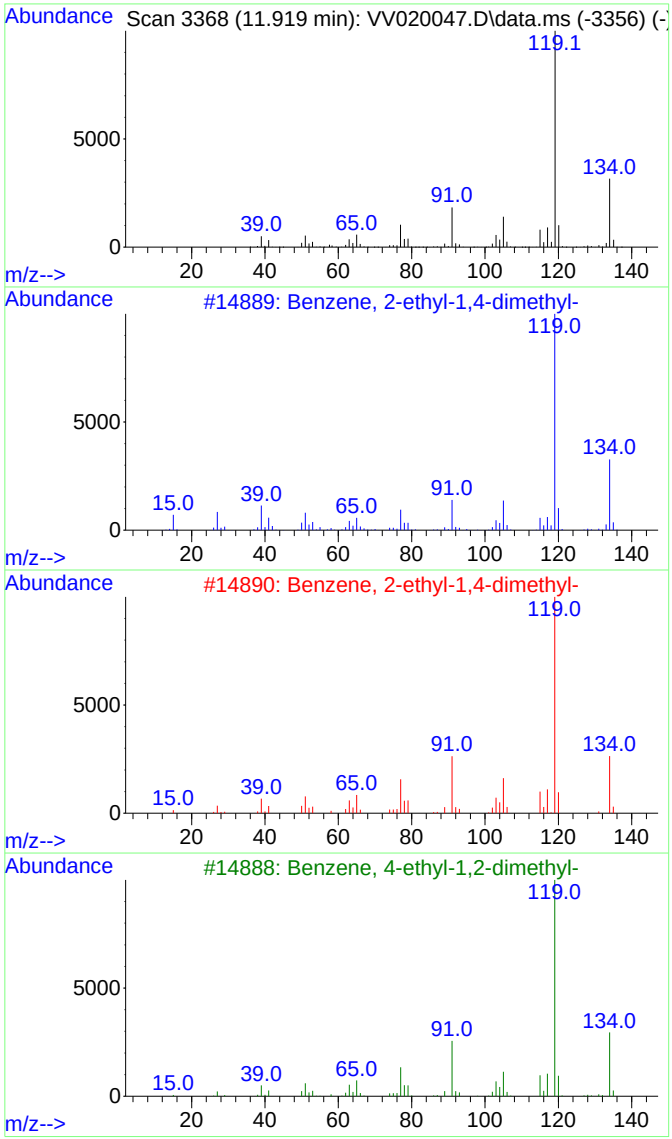
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

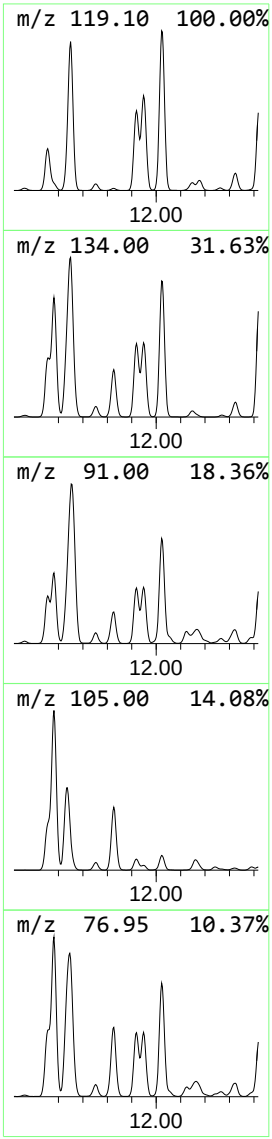
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.919	150.38 ug/L	4446350	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

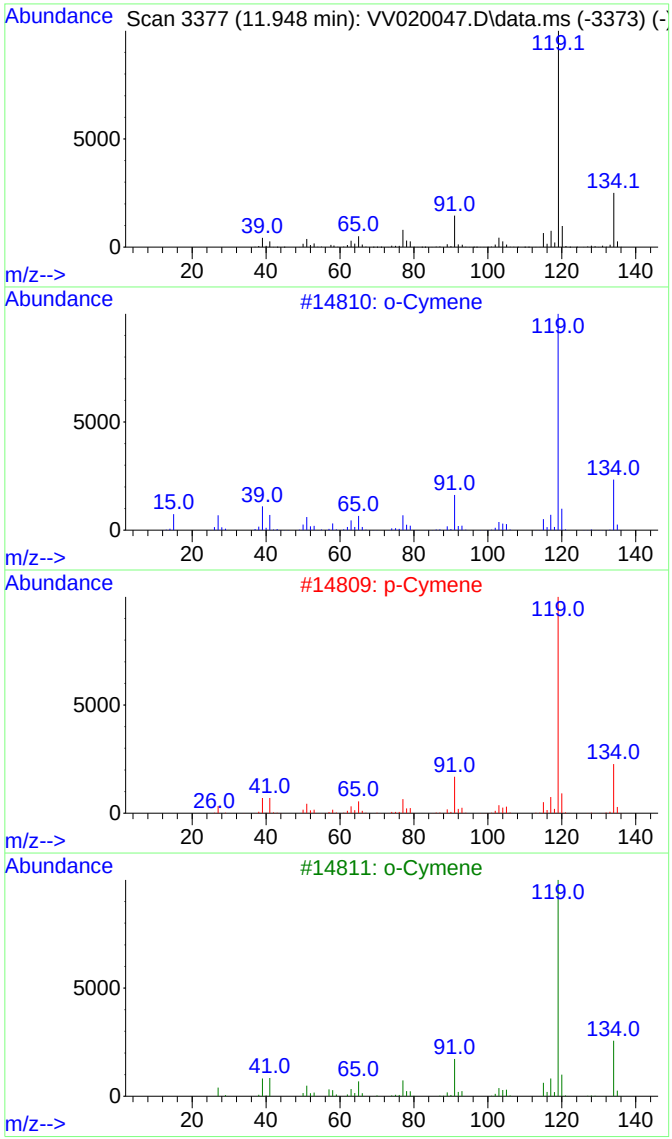
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

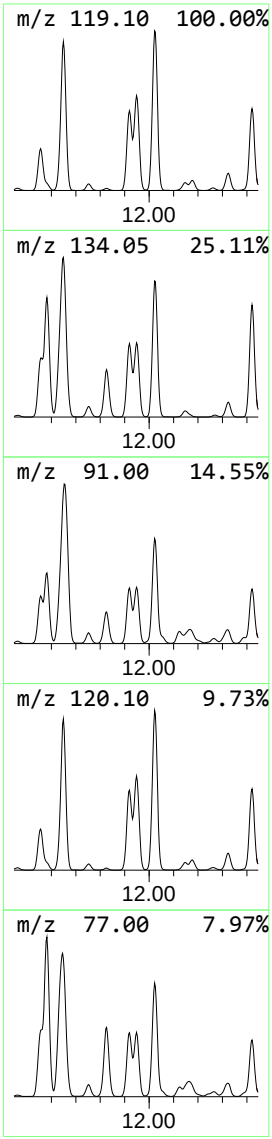
****

Peak Number 47 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.948	142.00 ug/L	4198260	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

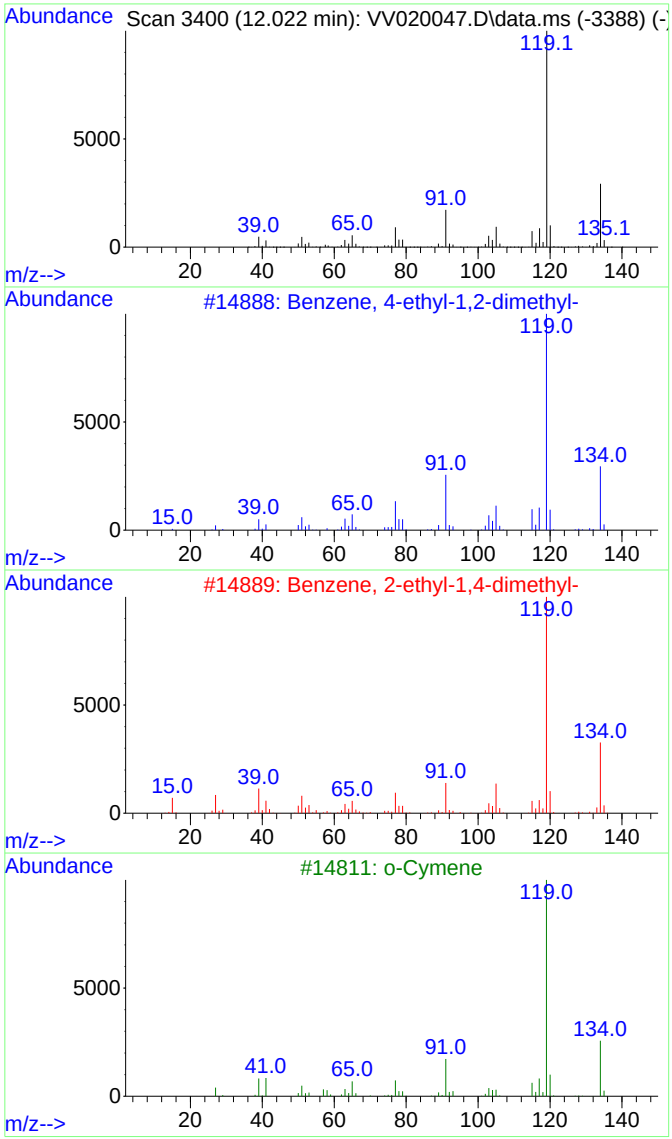
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

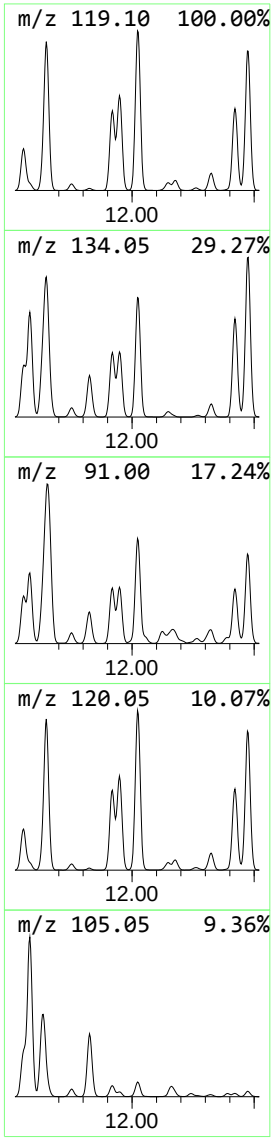
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	304.93 ug/L	9015660	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

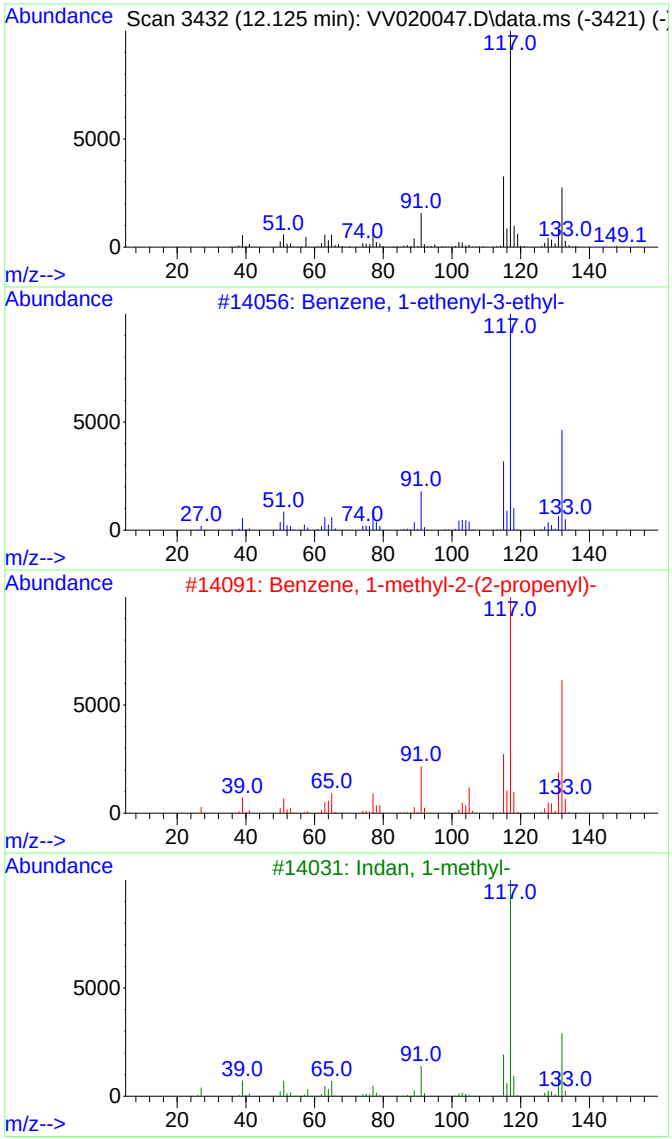
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

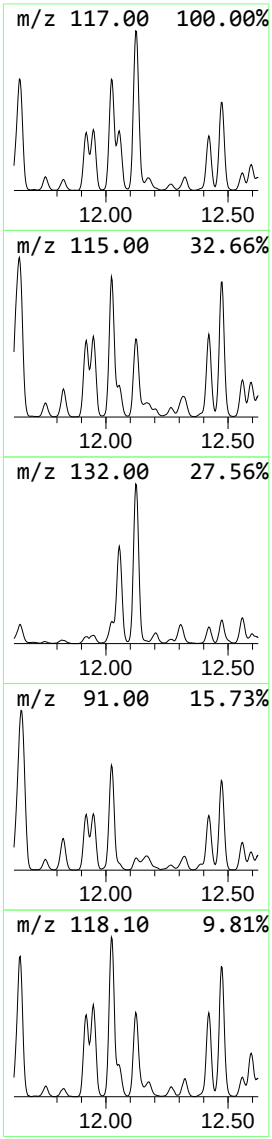
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.125	45.85 ug/L	1355500	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

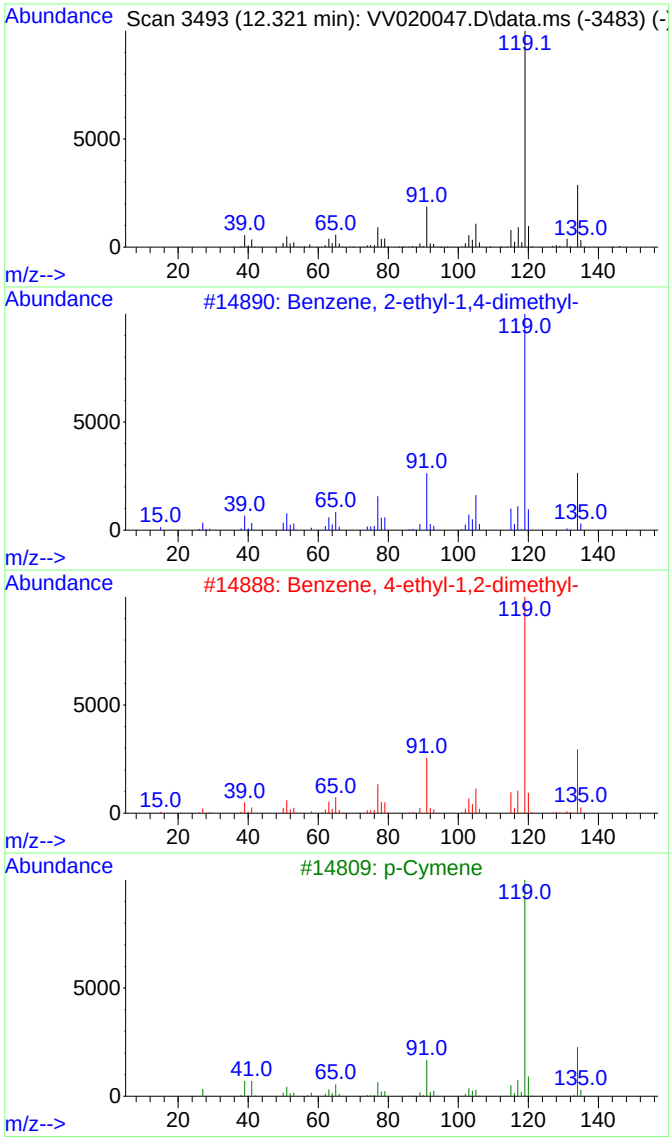
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

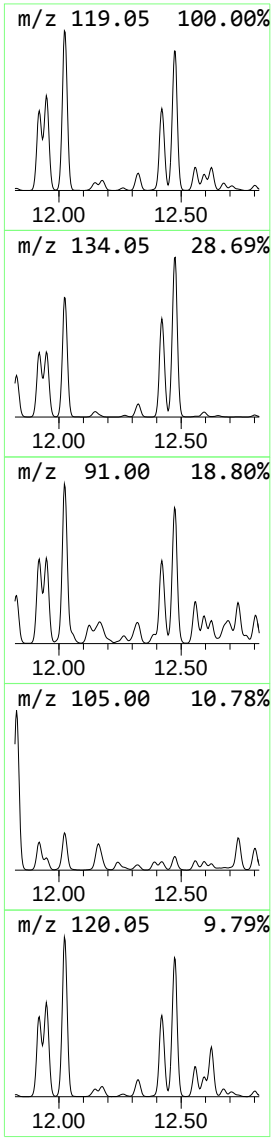
****

Peak Number 51 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.321	44.91 ug/L	1327890	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

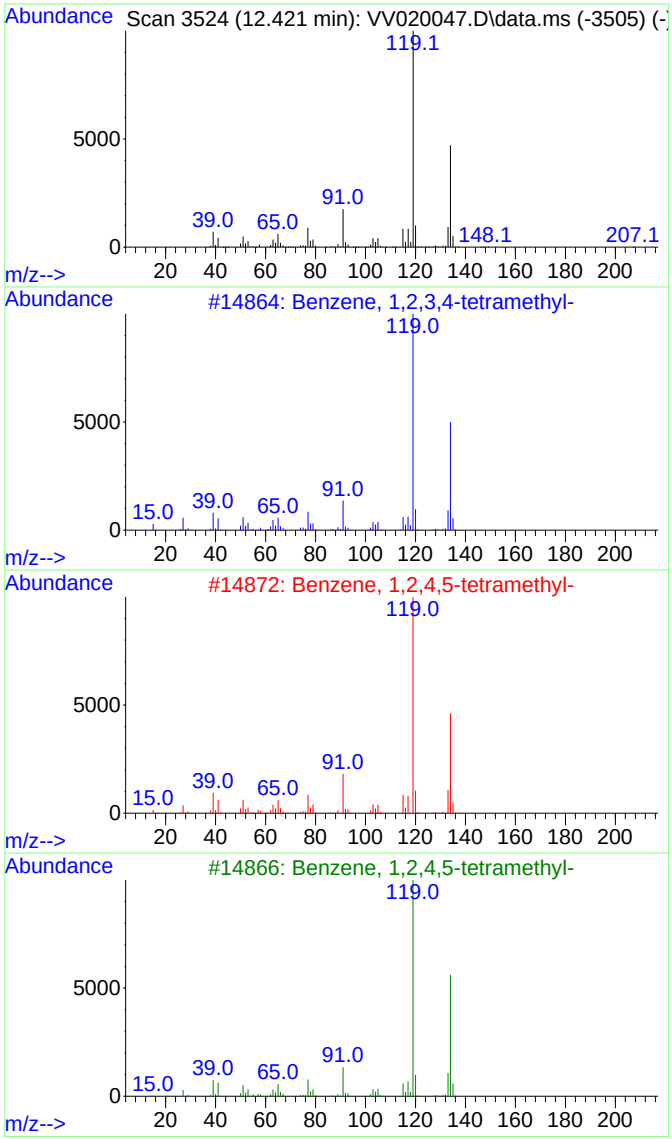
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

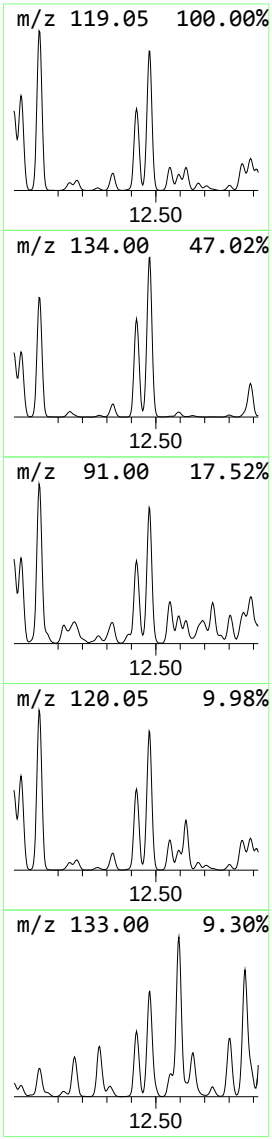
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	172.73 ug/L	5106970	1,4-Dichlorobenzene-d4	11.257

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





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Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

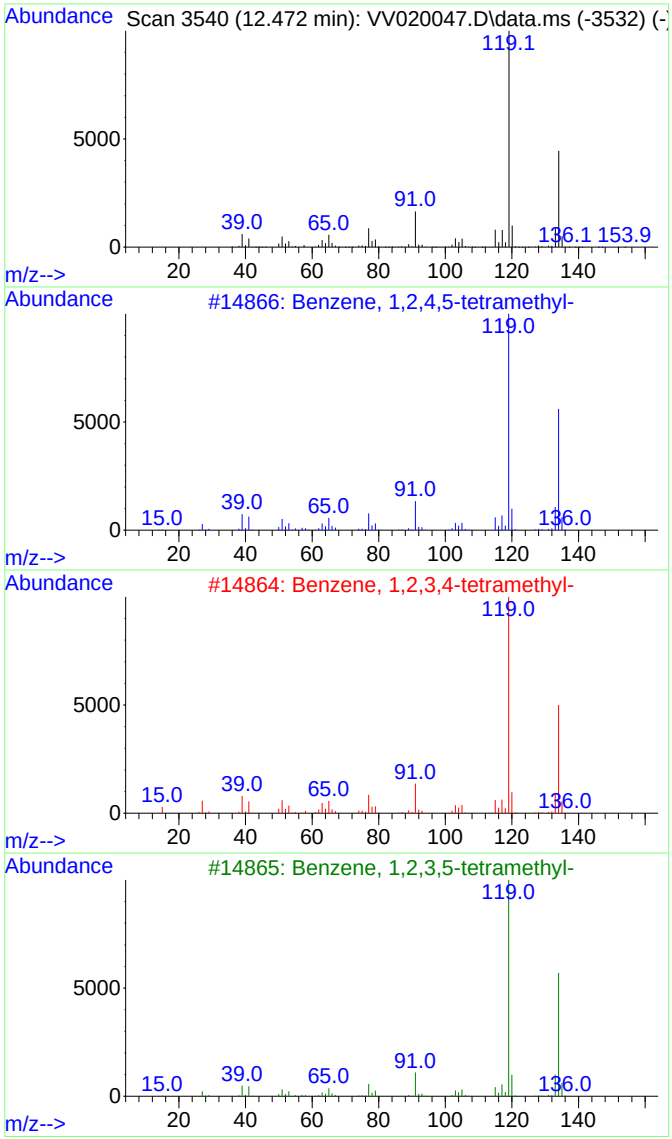
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

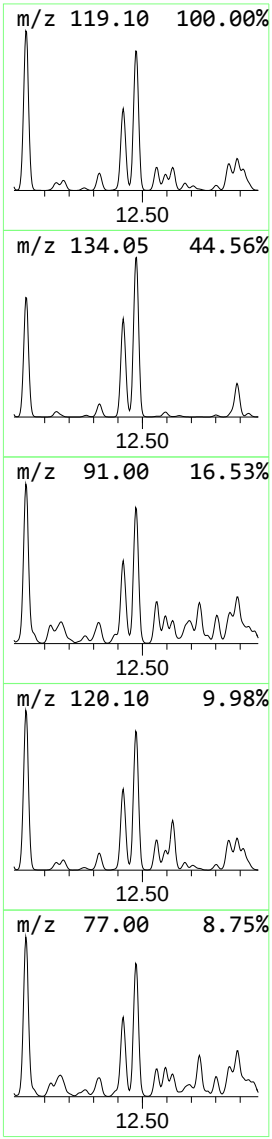
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.473	271.28 ug/L	8020720	1,4-Dichlorobenzene-d4	11.257

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

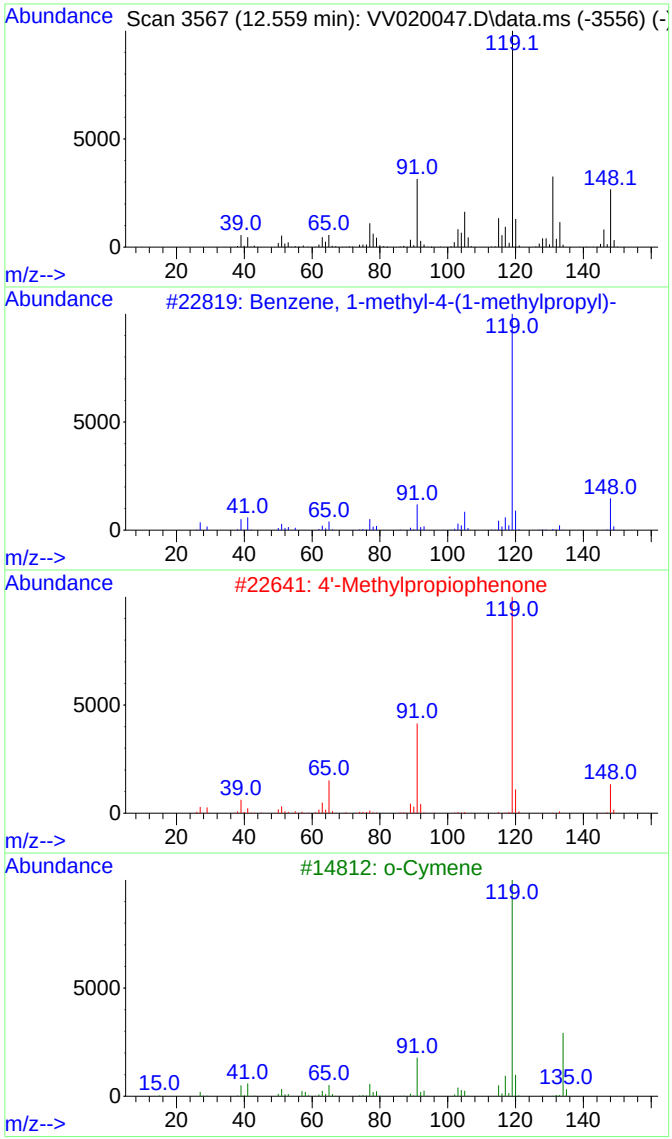
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

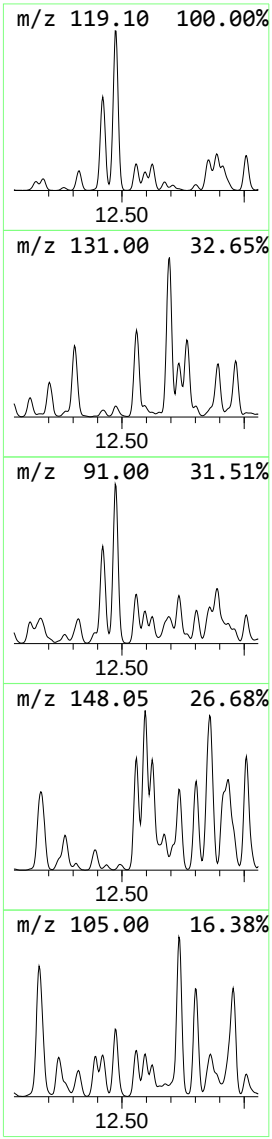
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.559	60.95 ug/L	1802120	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	58
3	o-Cymene	134	C10H14	000527-84-4	55
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

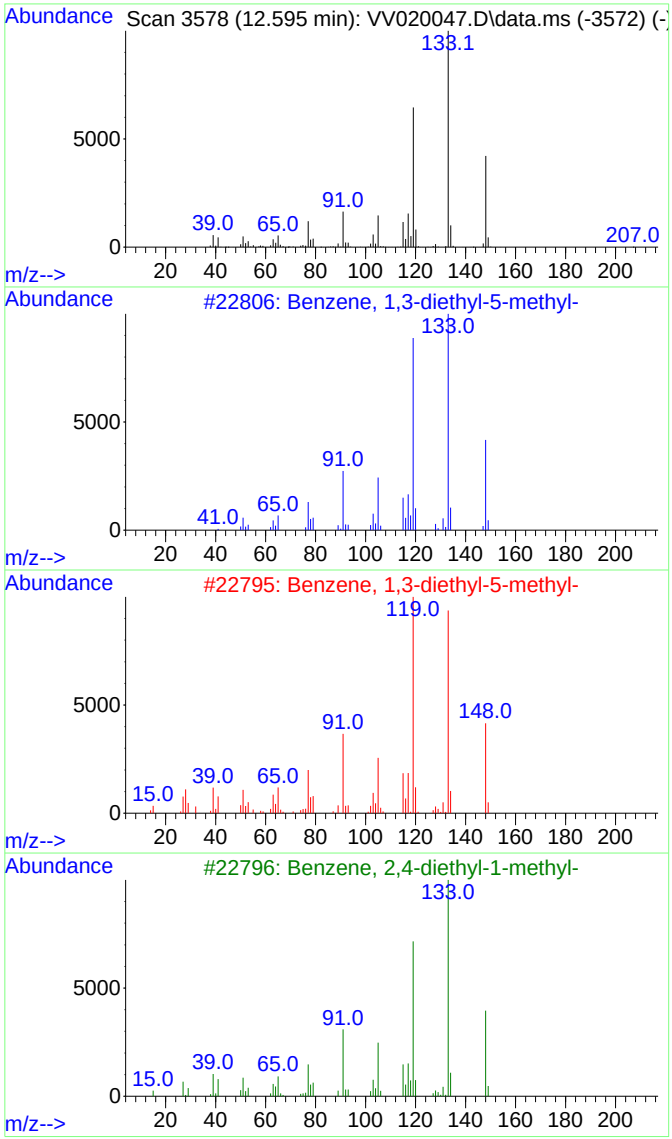
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

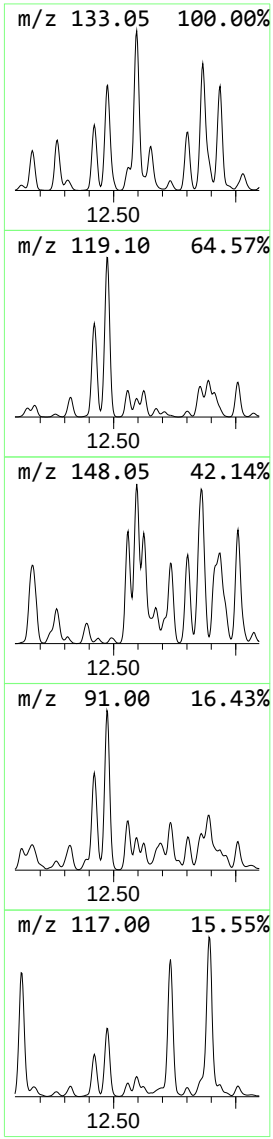
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.595	46.59 ug/L	1377500	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

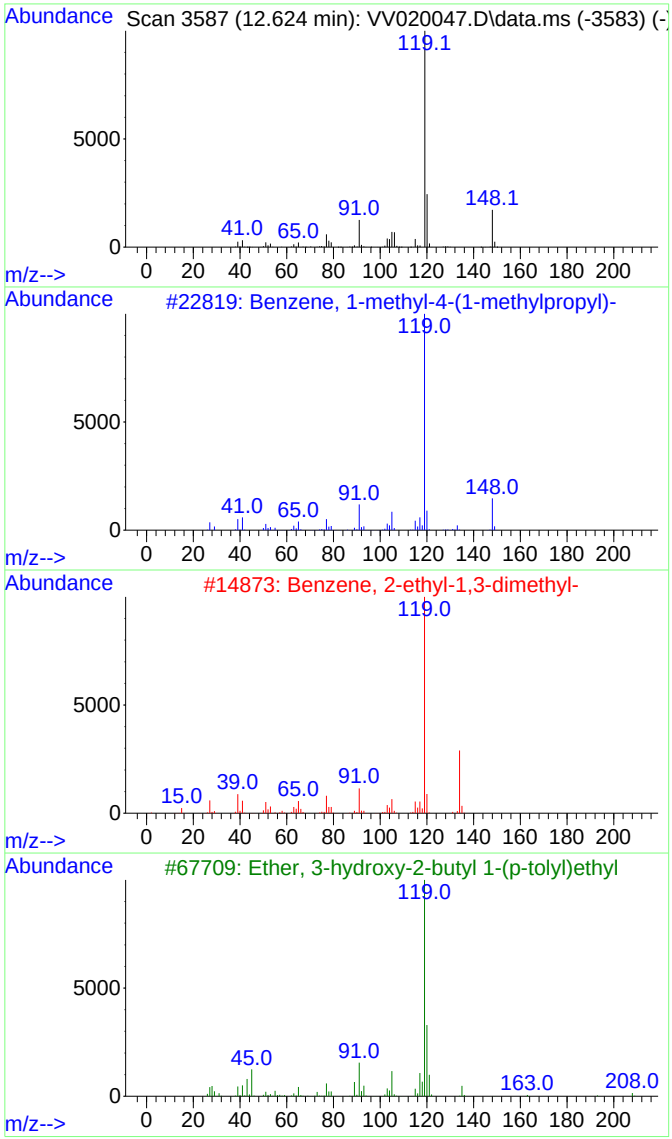
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

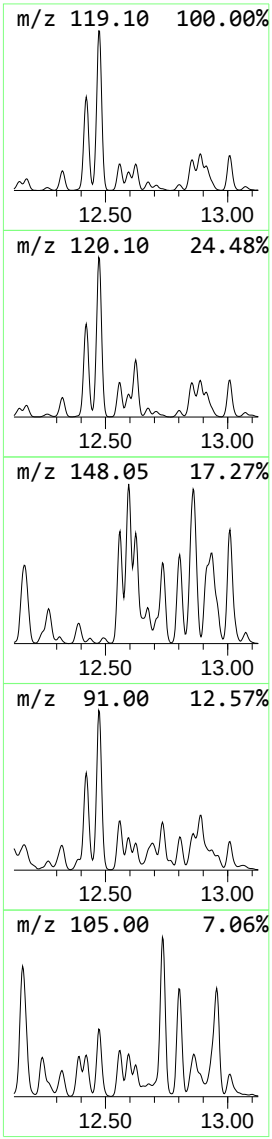
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.624	26.45 ug/L	781946	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59
3	Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	56
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

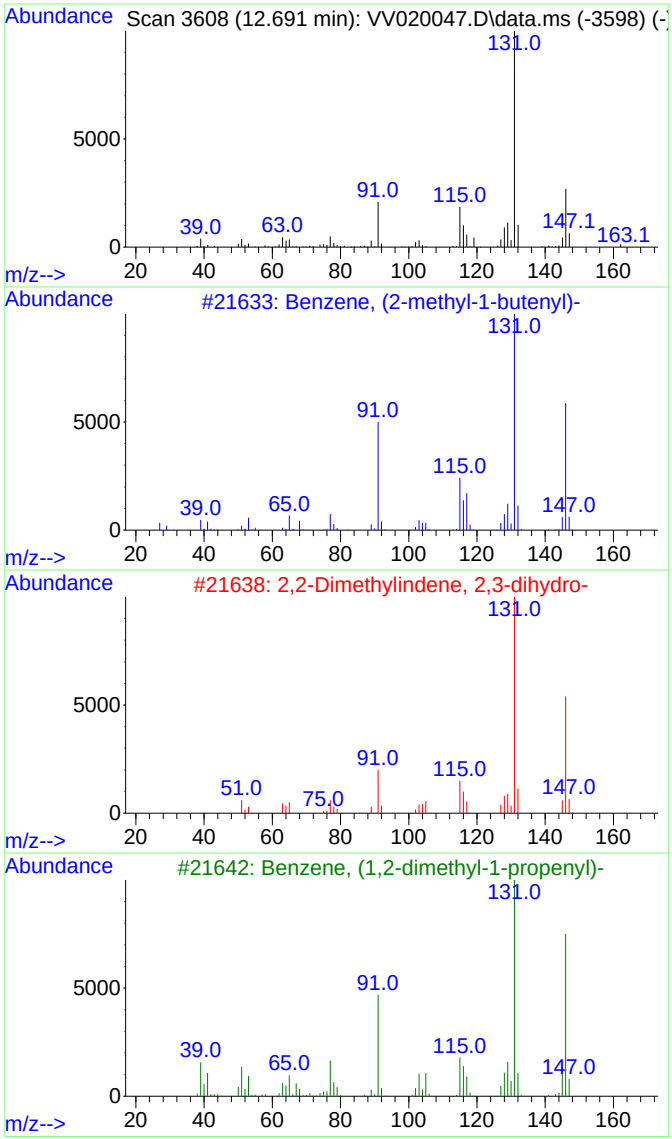
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

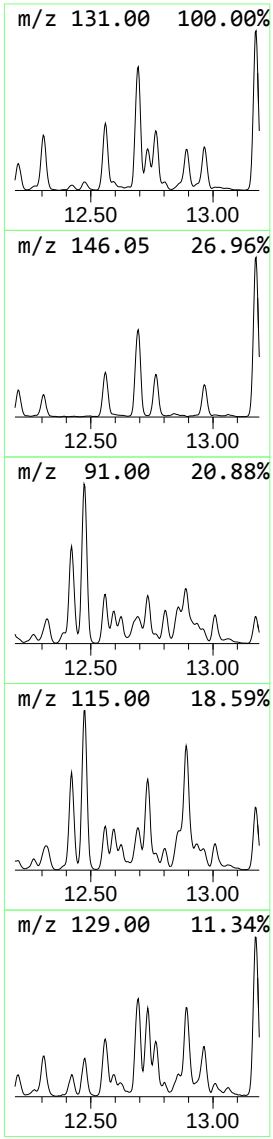
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, (2-methyl-1-butenyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.691	29.33 ug/L	867056	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

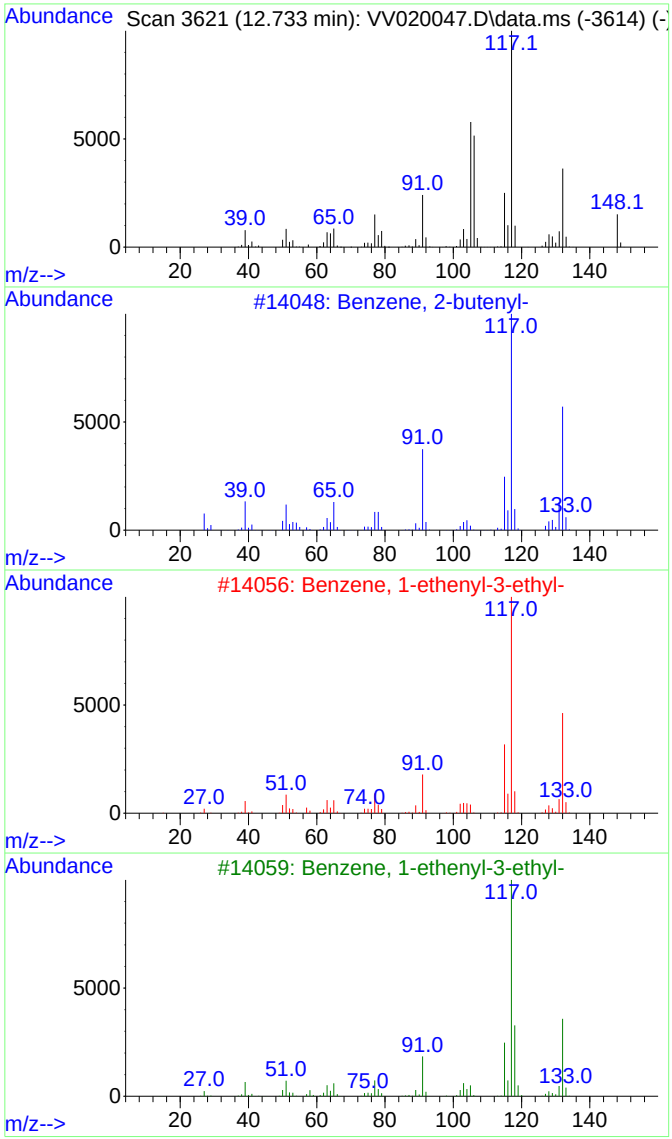
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

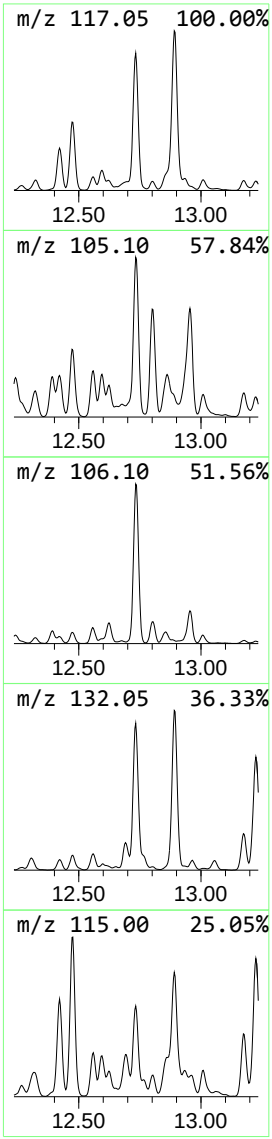
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 2-butenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	61.83 ug/L	1828210	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

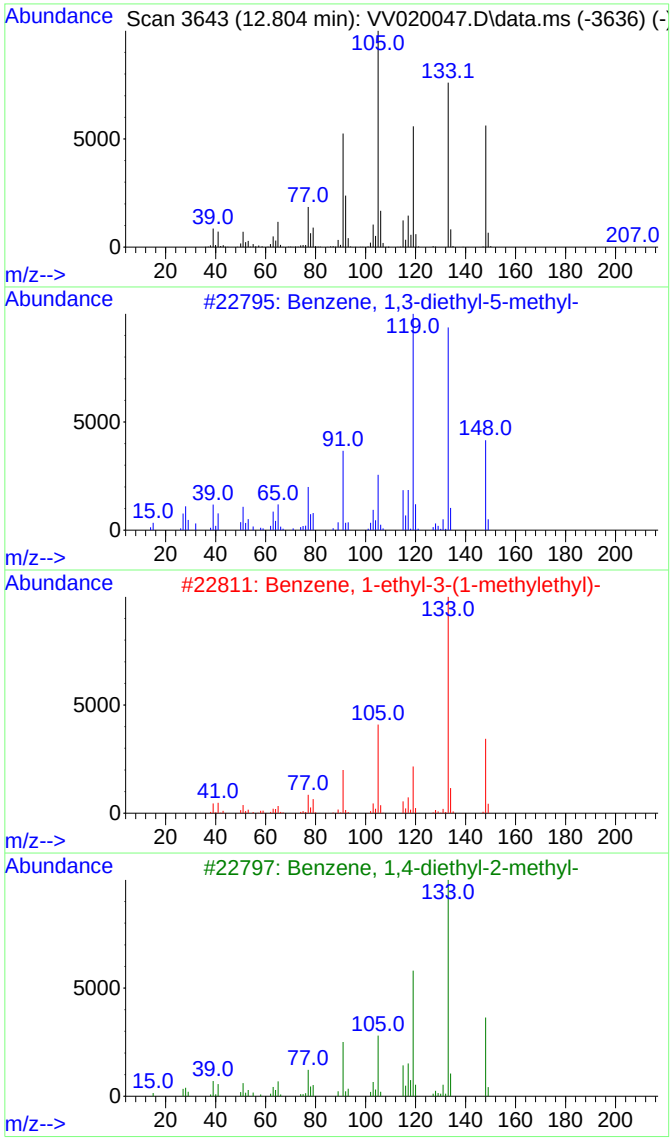
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

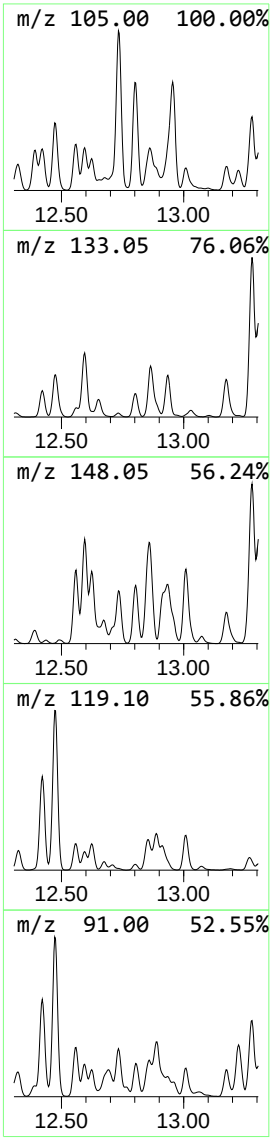
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	28.42 ug/L	840409	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	81
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	59
4	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	58
5	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

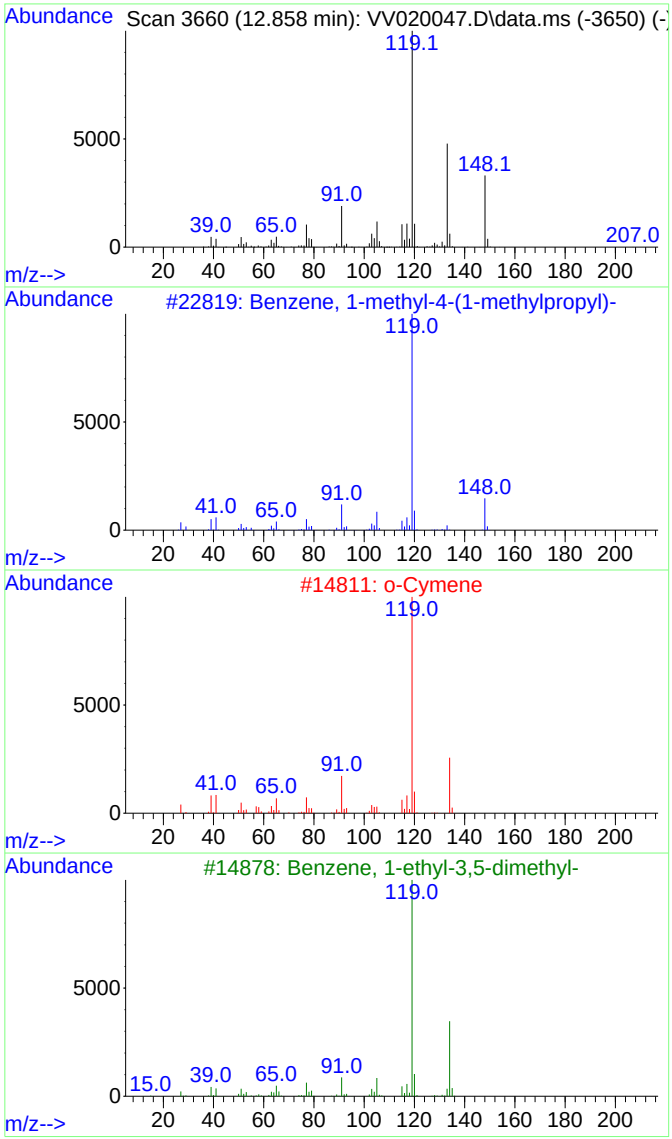
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

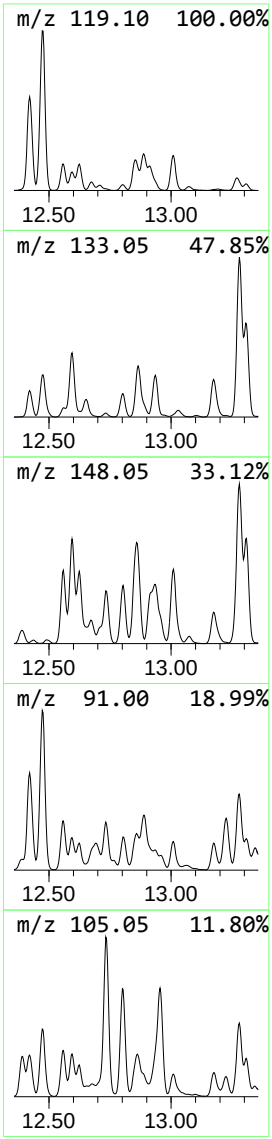
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.858	58.00 ug/L	1714910	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
5	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

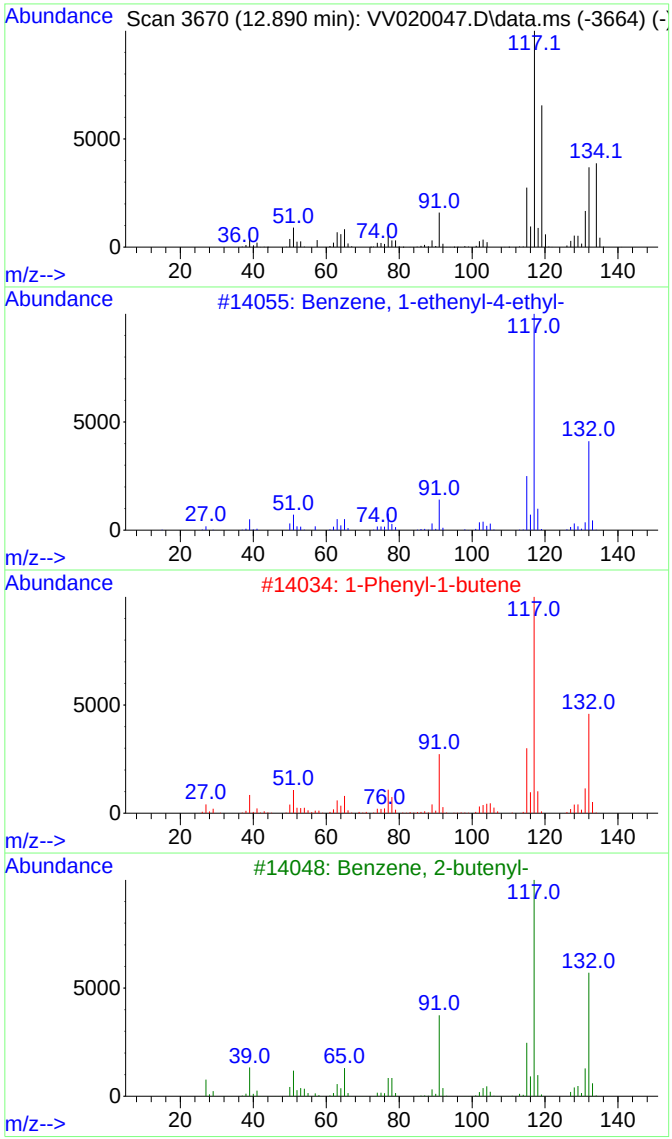
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

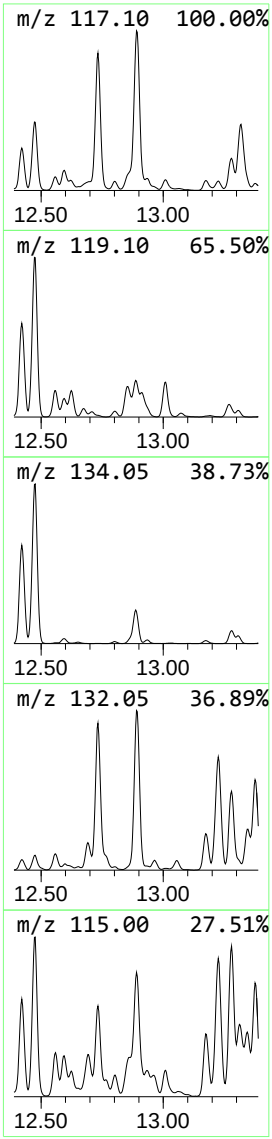
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	81.63 ug/L	2413400	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

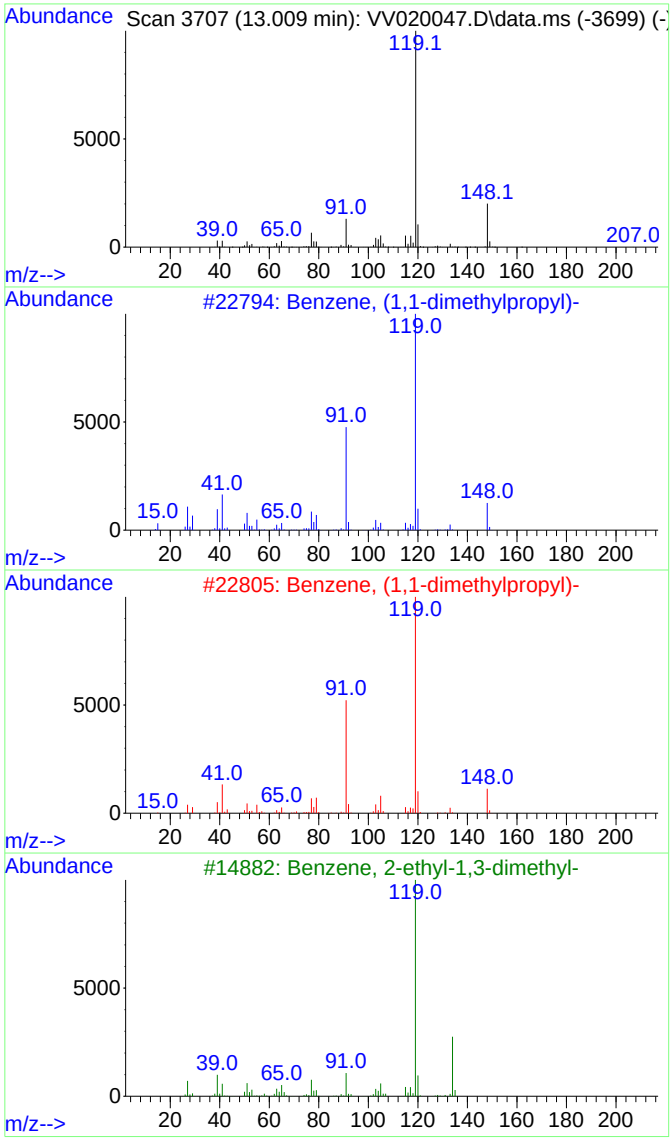
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

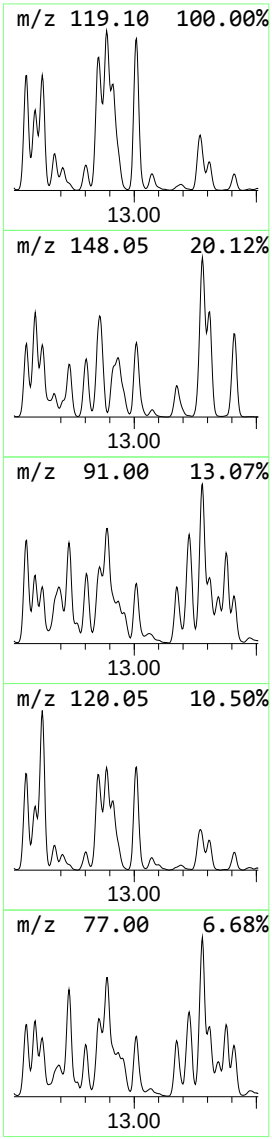
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, (1,1-dimethylpropyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.009	41.71 ug/L	1233090	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

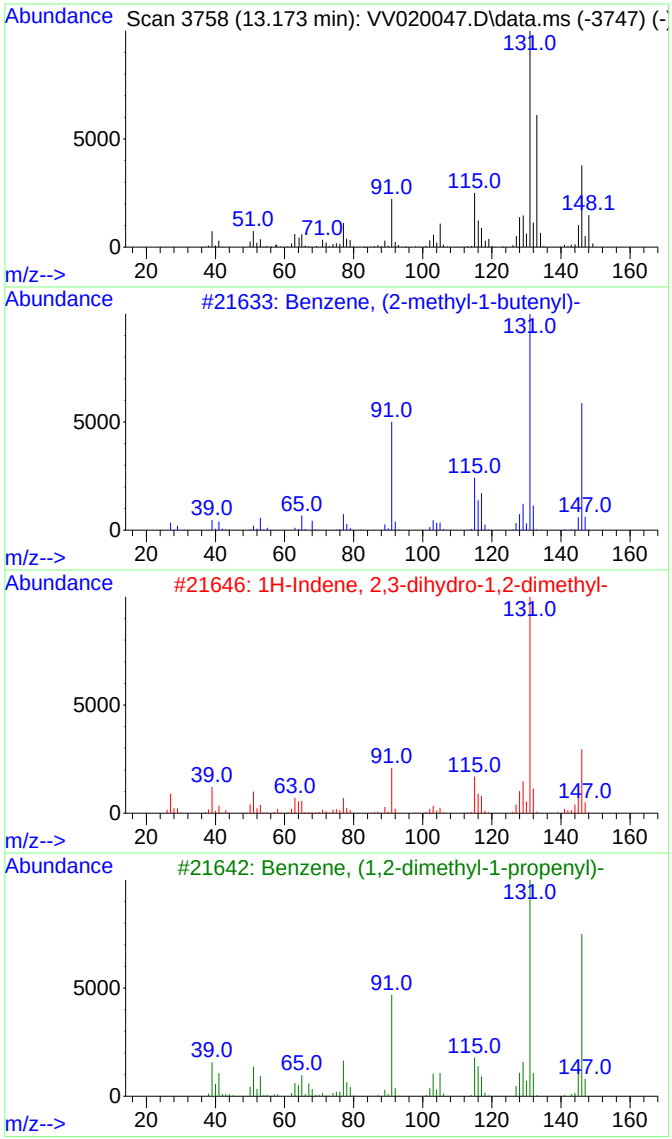
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

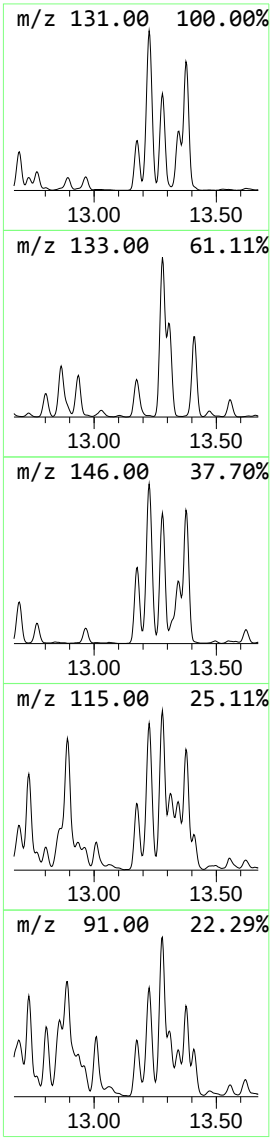
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	60.51 ug/L	1789110	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

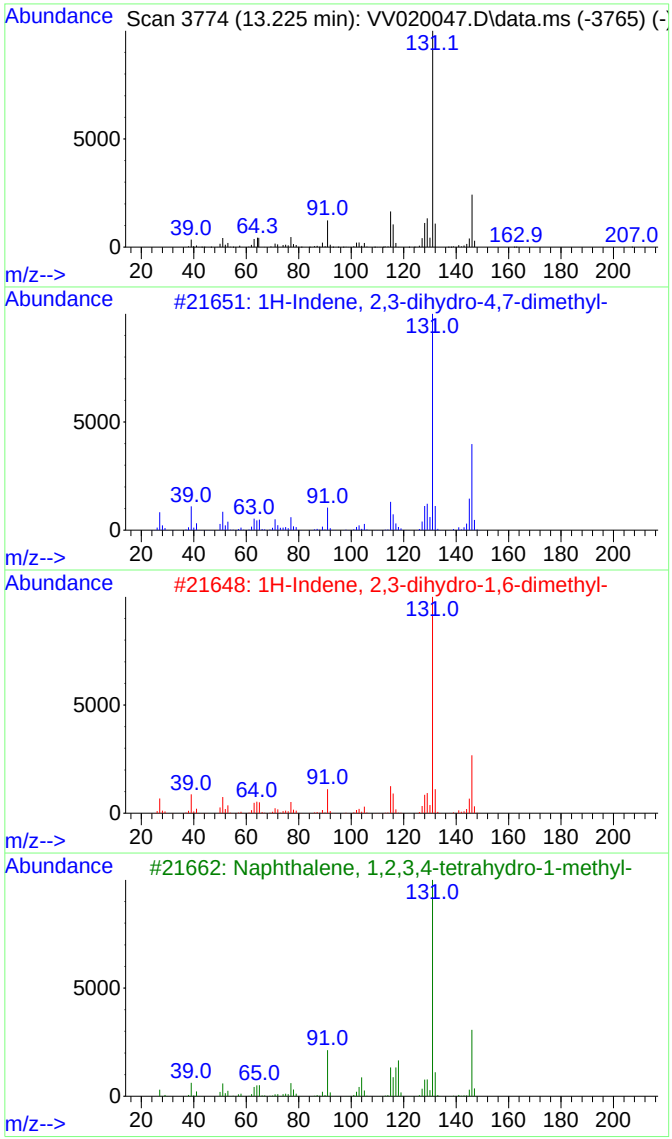
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

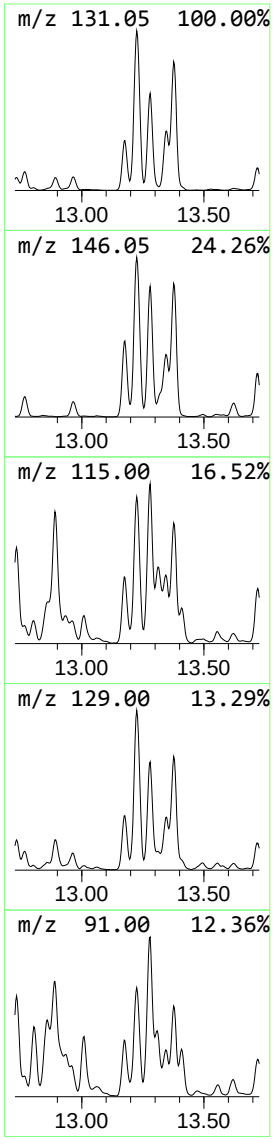
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.225	97.02 ug/L	2868550	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

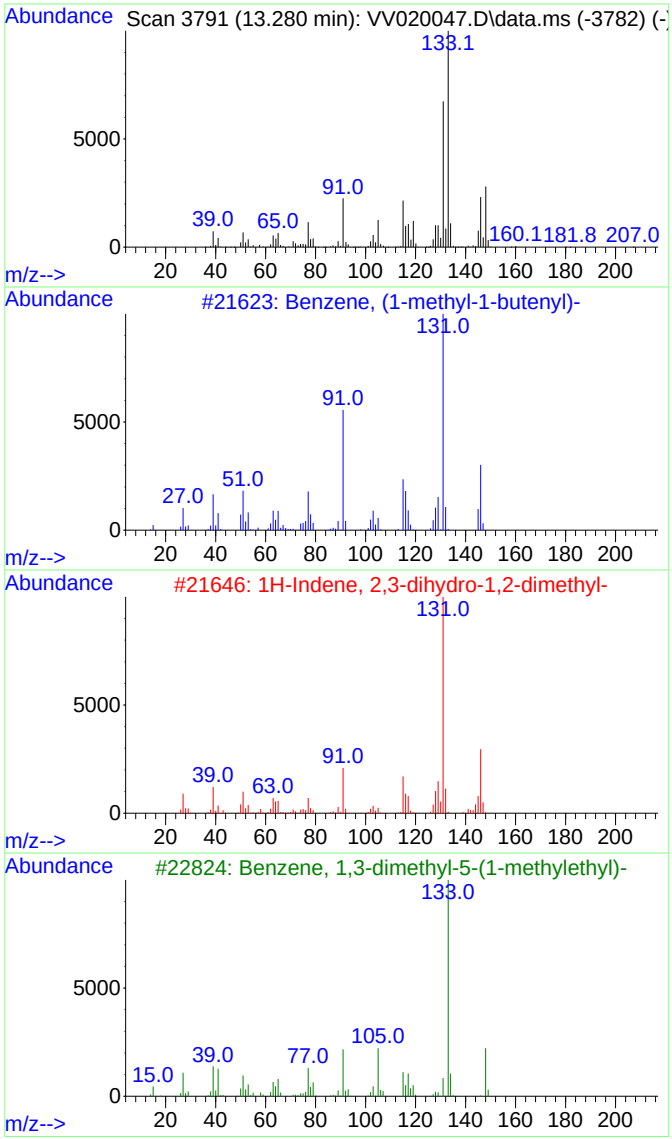
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

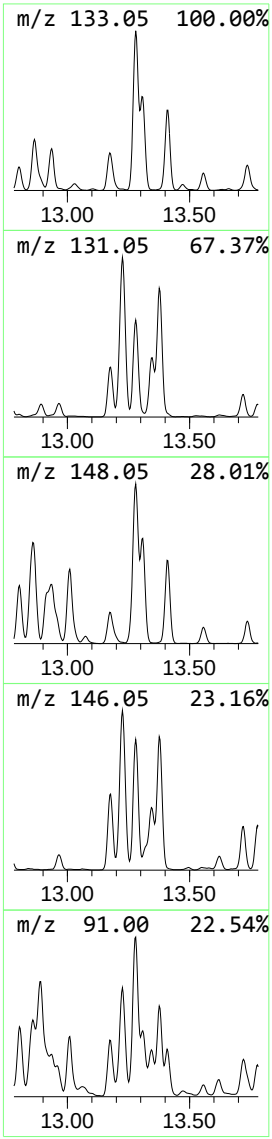
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	153.45 ug/L	4536850	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	84
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	53
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	49
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

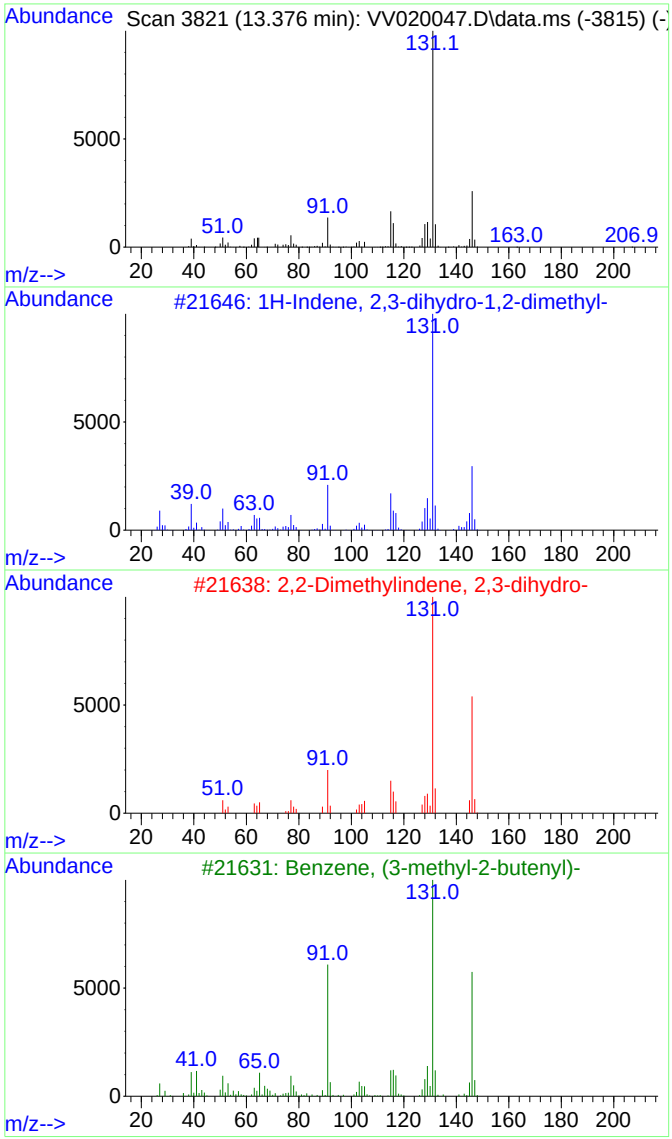
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

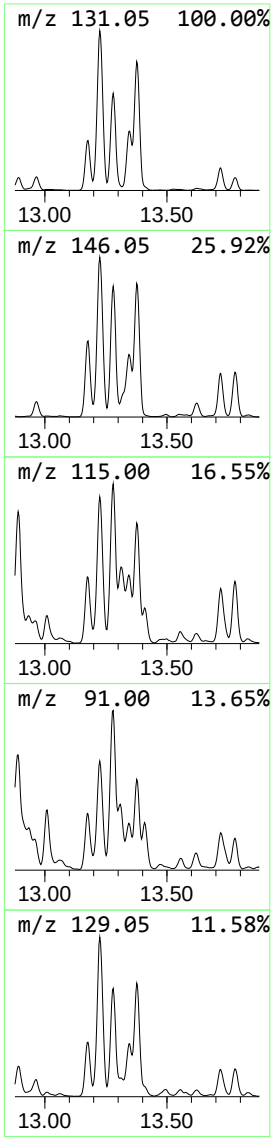
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 2,2-Dimethylindene, 2,3-dih... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.376	58.77 ug/L	1737560	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
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	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

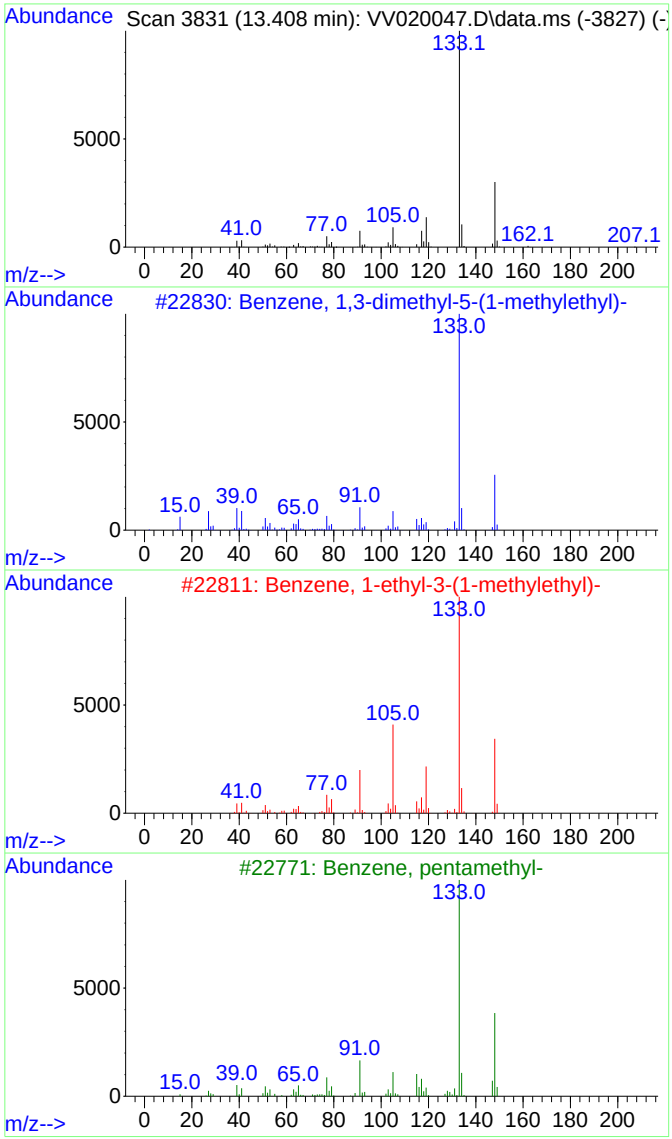
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

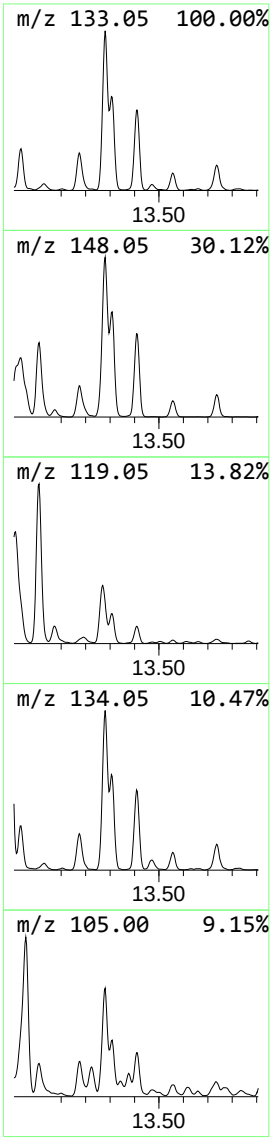
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	42.33 ug/L	1251440	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	86
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	86
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

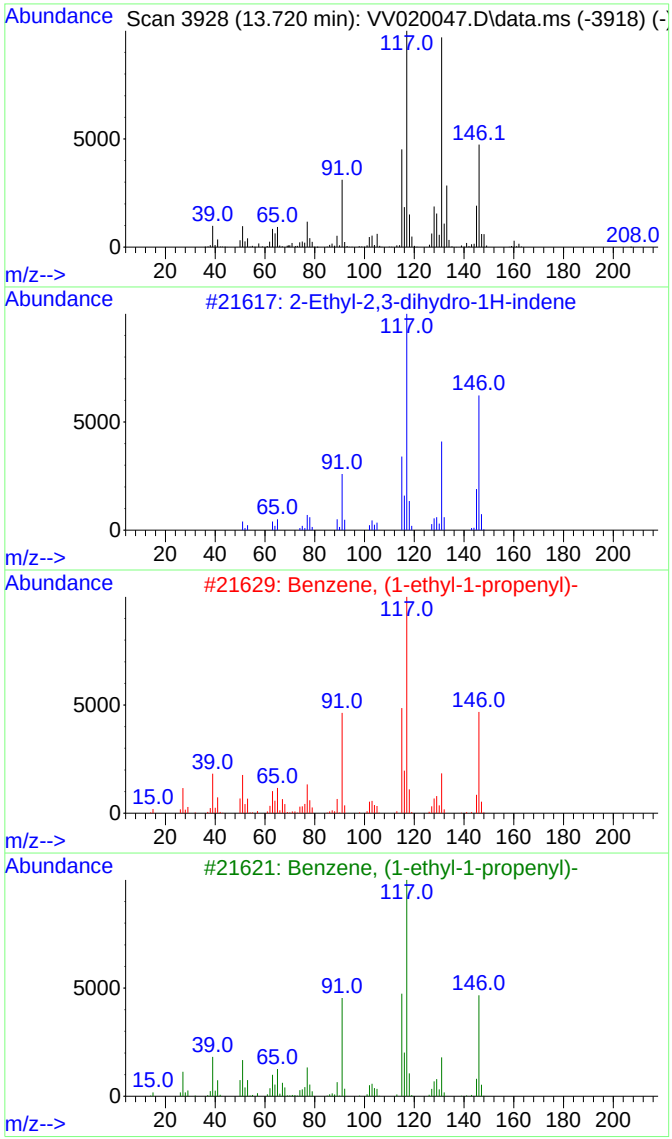
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

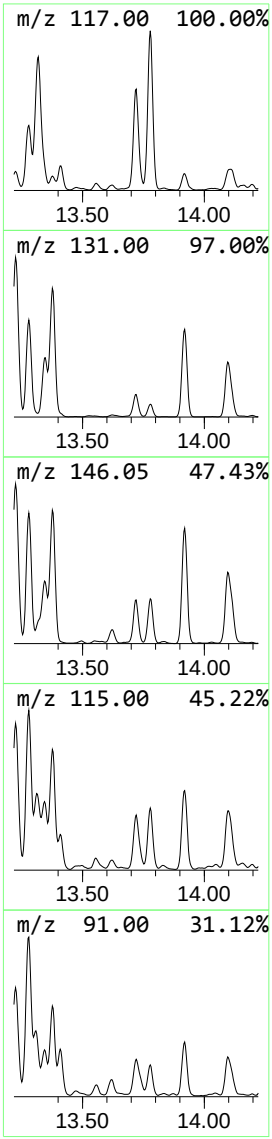
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.720	44.47 ug/L	1314710	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	62
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

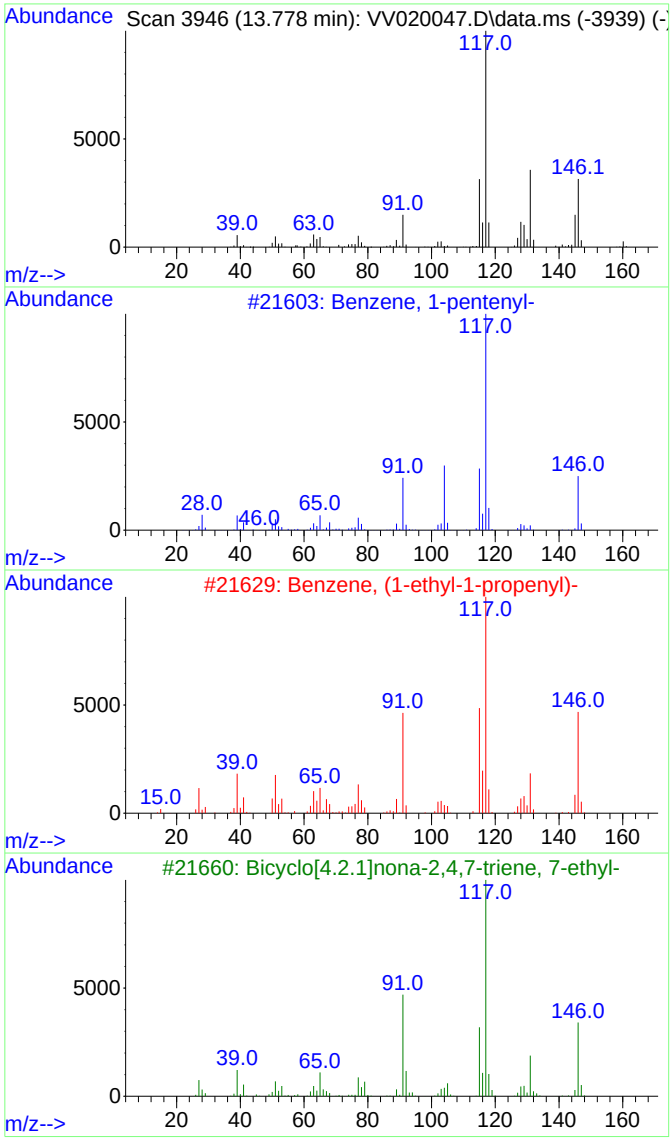
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

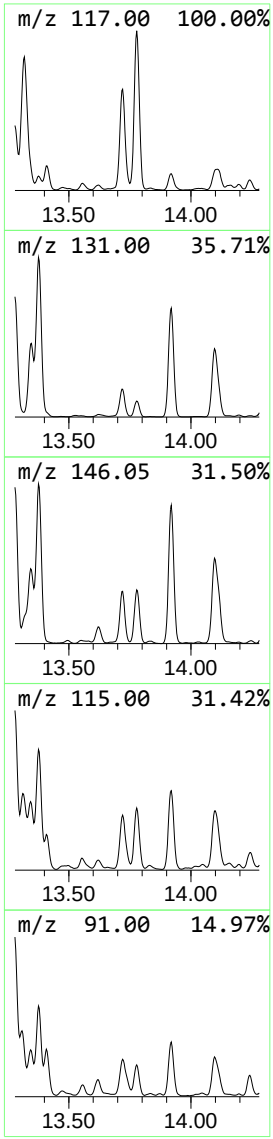
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 Benzene, 1-pentenyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.778	32.50 ug/L	960824	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	68
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
3	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	64
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

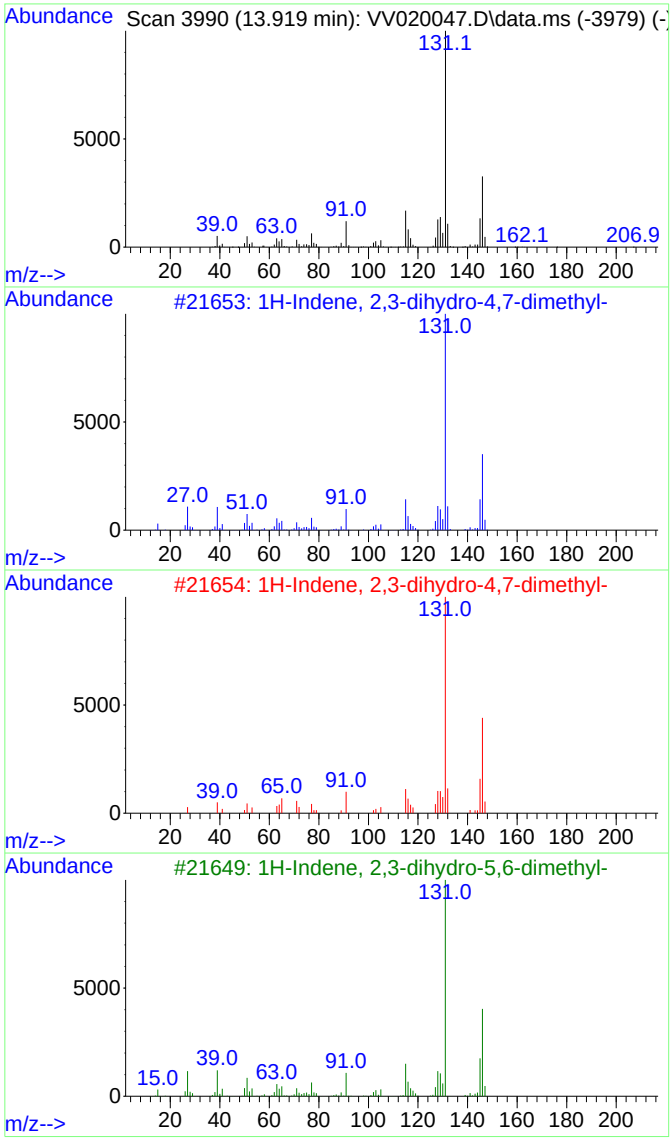
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

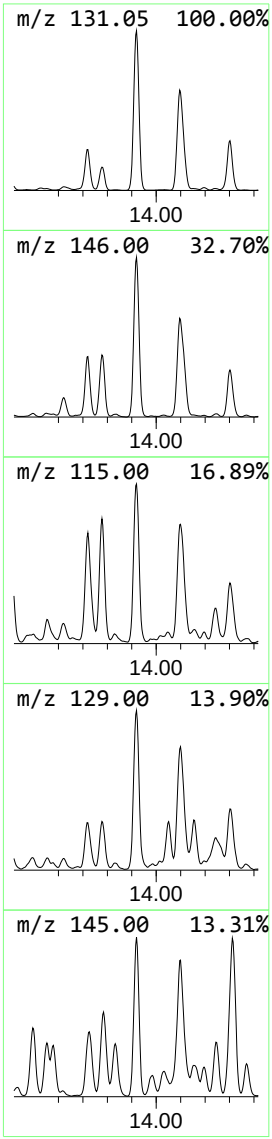
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.919	68.72 ug/L	2031710	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

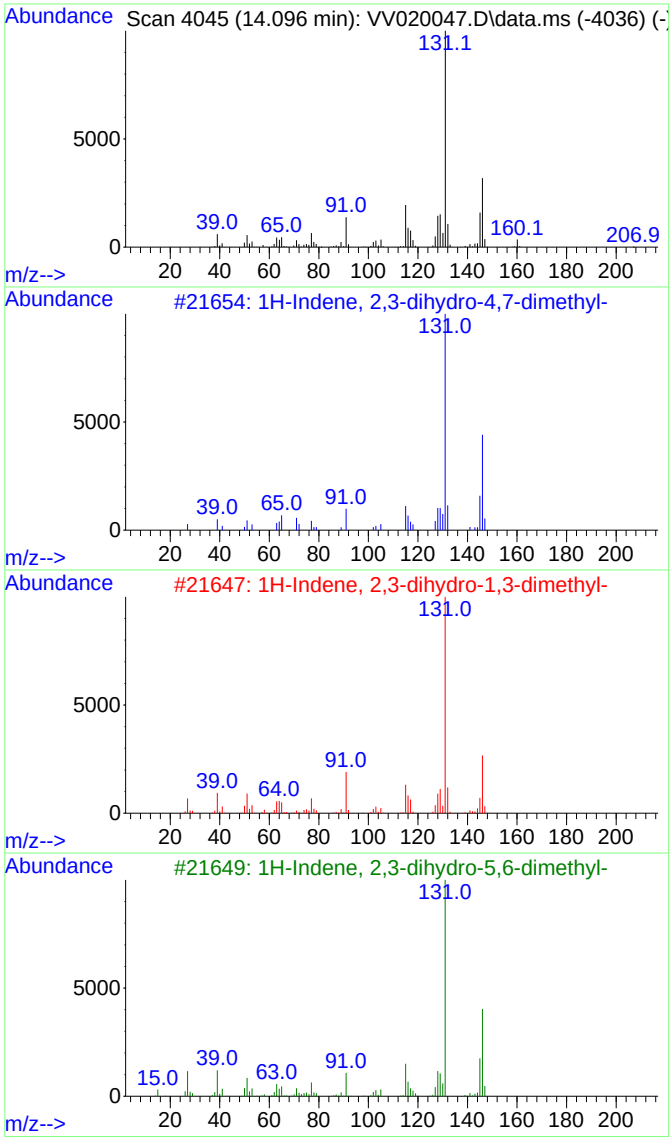
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

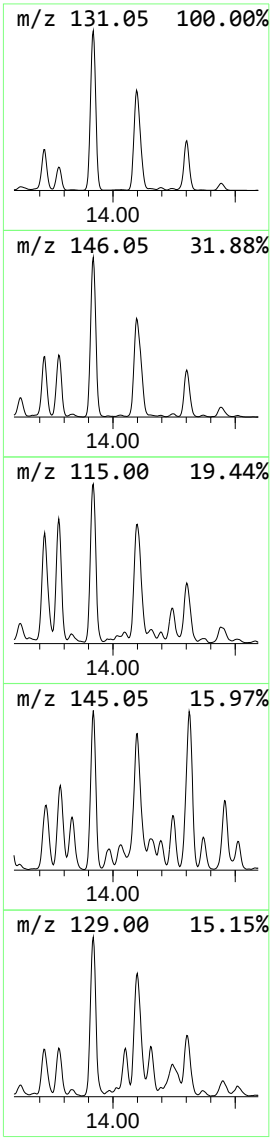
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.096	61.01 ug/L	1803700	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

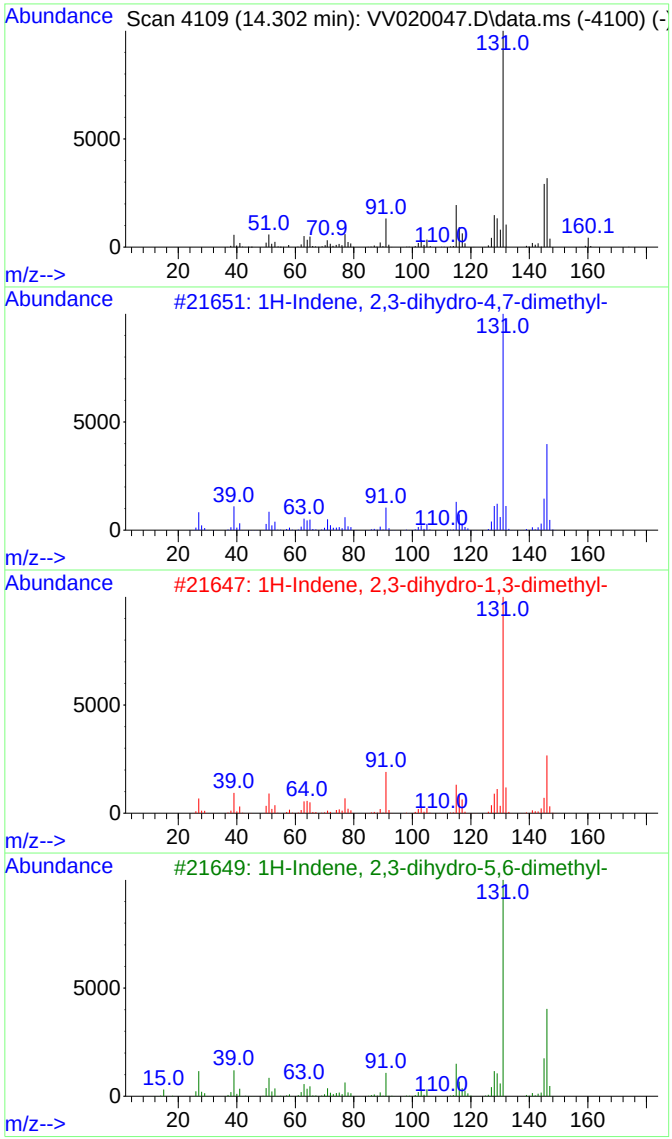
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

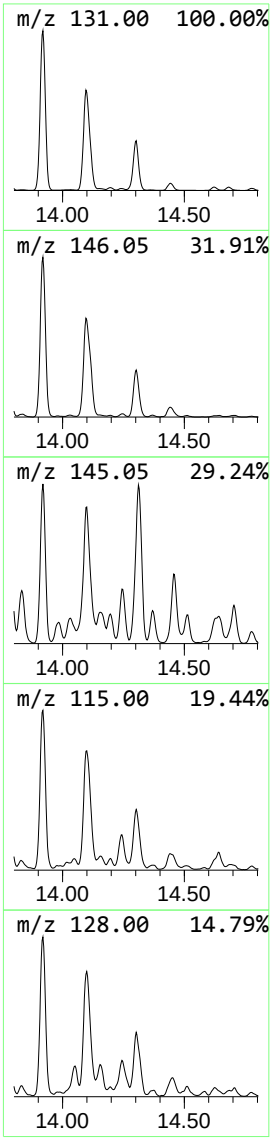
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 77 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.302	29.68 ug/L	877413	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	2.534	23.6	ug/L	302503	1	5.621	640422	50.0
(DEL) Alkane: S...	2.762	27.0	ug/L	345406	1	5.621	640422	50.0
(DEL) Alkane: S...	3.042	60.3	ug/L	772619	1	5.621	640422	50.0
(DEL) Alkane: S...	3.672	22.2	ug/L	283923	1	5.621	640422	50.0
(DEL) Alkane: C...	3.765	41.9	ug/L	537188	1	5.621	640422	50.0
(DEL) Alkane: S...	4.769	80.0	ug/L	1024440	1	5.621	640422	50.0
(DEL) Alkane: S...	4.913	107.9	ug/L	1382040	1	5.621	640422	50.0
(DEL) Alkane: C...	5.183	36.9	ug/L	472106	1	5.621	640422	50.0
(DEL) Alkane: S...	5.241	86.0	ug/L	1101360	1	5.621	640422	50.0
(DEL) Alkane: C...	5.328	24.3	ug/L	311069	1	5.621	640422	50.0
(DEL) Alkane: S...	5.495	71.5	ug/L	915159	1	5.621	640422	50.0
(DEL) Alkane: S...	6.203	15.7	ug/L	200412	1	5.621	640422	50.0
(DEL) Alkane: S...	6.261	19.8	ug/L	253908	1	5.621	640422	50.0
(DEL) Alkane: C...	6.367	25.5	ug/L	326183	1	5.621	640422	50.0
(DEL) Alkane: C...	6.466	26.2	ug/L	335614	1	5.621	640422	50.0
(DEL) Alkane: S...	6.656	74.4	ug/L	952730	1	5.621	640422	50.0
(DEL) Alkane: S...	6.781	99.0	ug/L	1268230	1	5.621	640422	50.0
(DEL) Alkane: S...	6.842	16.6	ug/L	212800	1	5.621	640422	50.0
(DEL) Alkane: S...	6.923	26.1	ug/L	333769	1	5.621	640422	50.0
(DEL) Alkane: S...	7.084	32.8	ug/L	420427	1	5.621	640422	50.0
(DEL) Alkane: C...	7.187	14.2	ug/L	182441	1	5.621	640422	50.0
(DEL) Alkane: C...	7.270	42.3	ug/L	805726	2	8.858	952958	50.0
(DEL) Alkane: C...	7.444	12.0	ug/L	229251	2	8.858	952958	50.0
(DEL) Alkane: C...	7.489	11.7	ug/L	223607	2	8.858	952958	50.0
(DEL) Alkane: S...	7.572	32.8	ug/L	625500	2	8.858	952958	50.0
(DEL) Alkane: C...	7.794	21.7	ug/L	412802	2	8.858	952958	50.0
(DEL) Alkane: C...	8.238	26.8	ug/L	510646	2	8.858	952958	50.0
(DEL) Alkane: C...	8.296	19.9	ug/L	378899	2	8.858	952958	50.0
(DEL) Alkane: S...	8.675	10.4	ug/L	199009	2	8.858	952958	50.0
o-Cymene	11.199	38.7	ug/L	1143450	3	11.257	1478320	50.0
Benzene, 1,3-di...	11.556	119.3	ug/L	3525840	3	11.257	1478320	50.0
Benzene, 1-meth...	11.582	259.3	ug/L	7665980	3	11.257	1478320	50.0
Benzene, 1-meth...	11.826	125.2	ug/L	3701500	3	11.257	1478320	50.0
Benzene, 2-ethy...	11.919	150.4	ug/L	4446350	3	11.257	1478320	50.0
p-Cymene	11.948	142.0	ug/L	4198260	3	11.257	1478320	50.0
Benzene, 4-ethy...	12.022	304.9	ug/L	9015660	3	11.257	1478320	50.0
Benzene, 1-ethe...	12.125	45.9	ug/L	1355500	3	11.257	1478320	50.0
unknown-01	12.321	44.9	ug/L	1327890	3	11.257	1478320	50.0
Benzene, 1,2,3,...	12.421	172.7	ug/L	5106970	3	11.257	1478320	50.0
Benzene, 1,2,4,...	12.473	271.3	ug/L	8020720	3	11.257	1478320	50.0
Benzene, 1-meth...	12.559	61.0	ug/L	1802120	3	11.257	1478320	50.0
Benzene, 1,3-di...	12.595	46.6	ug/L	1377500	3	11.257	1478320	50.0
Benzene, 2-ethy...	12.624	26.4	ug/L	781946	3	11.257	1478320	50.0
Benzene, (2-met...	12.691	29.3	ug/L	867056	3	11.257	1478320	50.0
Benzene, 2-bute...	12.733	61.8	ug/L	1828210	3	11.257	1478320	50.0
Benzene, 1-ethy...	12.804	28.4	ug/L	840409	3	11.257	1478320	50.0
Benzene, 1-ethy...	12.858	58.0	ug/L	1714910	3	11.257	1478320	50.0
Benzene, 1-ethe...	12.890	81.6	ug/L	2413400	3	11.257	1478320	50.0
Benzene, (1,1-d...	13.009	41.7	ug/L	1233090	3	11.257	1478320	50.0
1H-Indene, 2,3-...	13.173	60.5	ug/L	1789110	3	11.257	1478320	50.0
1H-Indene, 2,3-...	13.225	97.0	ug/L	2868550	3	11.257	1478320	50.0
Benzene, (1-met...	13.280	153.4	ug/L	4536850	3	11.257	1478320	50.0

2,2-Dimethylind...	13.376	58.8	ug/L	1737560	3	11.257	1478320	50.0
Benzene, 1,3-di...	13.408	42.3	ug/L	1251440	3	11.257	1478320	50.0
2-Ethyl-2,3-dih...	13.720	44.5	ug/L	1314710	3	11.257	1478320	50.0
Benzene, 1-pent...	13.778	32.5	ug/L	960824	3	11.257	1478320	50.0
1H-Indene, 2,3-...	13.919	68.7	ug/L	2031710	3	11.257	1478320	50.0
1H-Indene, 2,3-...	14.096	61.0	ug/L	1803700	3	11.257	1478320	50.0
Benzene, (1,2-d...	14.302	29.7	ug/L	877413	3	11.257	1478320	50.0

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6