LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

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: VV020057.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	20	rVB	131432	110804	1.92%	0.412%
2	1.216	35	39	51	rVB2	13037	12651	0.22%	0.047%
3	1.309	59	68	79	rVB2	214801	242940	4.21%	0.903%
4	1.383	86	91	97	rVV	9597	9914	0.17%	0.037%
5	1.418	98	102	112	rVB5	5544	7539	0.13%	0.028%
6	1.569	141	149	163	rVV	134325	155448	2.69%	0.578%
7	1.634	163	169	181	rVB3	9343	12861	0.22%	0.048%
8	1.769	204	211	217	rBV2	14325	17798	0.31%	0.066%
9	1.810	218	224	231	rVB	10662	13205	0.23%	0.049%
10	2.109	303	317	331	rBV	305678	464646	8.05%	1.728%
11	2.534	429	449	473	rVB	388406	760832	13.18%	2.829%
12	2.765	502	521	550	rBV	712716	1413492	24.49%	5.256%
13	2.962	573	582	591	rVV5	6246	12057	0.21%	0.045%
14	3.045	591	608	639	rVV	2927060	5771634	100.00%	21.462%
15	3.672	788	803	811	rBV5	8481	21415	0.37%	0.080%
16	3.769	815	833	859	rVV	1312577	3290814	57.02%	12.237%
17	3.888	860	870	909	rVV	89024	253715	4.40%	0.943%
18	4.354	996	1015	1047	rBV	225194	565136	9.79%	2.102%
19	4.675	1095	1115	1131	rBV4	52654	133707	2.32%	0.497%
20	4.765	1131	1143	1162	rVB4	29196	74509	1.29%	0.277%
21	4.913	1170	1189	1213	rBV2	51531	126627	2.19%	0.471%
22	5.051	1213	1232	1261	rBV2	552813	1416461	24.54%	5.267%
23	5.190	1264	1275	1276	rBV4	10337	15290	0.26%	0.057%
24	5.238	1281	1290	1309	rVB3	73306	177763	3.08%	0.661%
25	5.331	1311	1319	1331	rVB8	6995	13556	0.23%	0.050%
26	5.498	1358	1371	1385	rBV2	49541	104983	1.82%	0.390%
27	5.621	1397	1409	1438	rBV	373089	743170	12.88%	2.764%
28	5.913	1488	1500	1510	rBV4	18023	36186	0.63%	0.135%
29	5.997	1517	1526	1537	rVB3	4805	8679	0.15%	0.032%
30	6.074	1537	1550	1580	rBV	306473	684257	11.86%	2.544%
31	6.203	1581	1590	1600	rBV2	28802	55413	0.96%	0.206%
32	6.260	1601	1608	1617	rVB3	26730	44378	0.77%	0.165%
33	6.373	1635	1643	1655	rVB6	8174	15819	0.27%	0.059%
34	6.466	1656	1672	1686	rVB5	18927	46542	0.81%	0.173%
35	6.659	1713	1732	1748	rVB2	76984	170857	2.96%	0.635%
36	6.781	1753	1770	1781	rBV	96559	202250	3.50%	0.752%

LSC Area Percent Report

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Sample : M1147-15
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

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	6.842	1781	1789	1800	rVB3	32147	56055	0.97%	0.208%
38	6.923	1805	1814	1821	rBV	65297	104870	1.82%	0.390%
39	6.990	1828	1835	1847	rVB2	168025	276729	4.79%	1.029%
40	7.087	1857	1865	1885	rVB2	85309	182279	3.16%	0.678%
41	7.270	1908	1922	1928	rBV6	73561	139727	2.42%	0.520%
42	7.321	1928	1938	1959	rVB	683715	1194675	20.70%	4.443%
43	7.444	1968	1976	1983	rBV4	21559	35042	0.61%	0.130%
44	7.572	2008	2016	2024	rBV2	61383	89332	1.55%	0.332%
45	7.627	2024	2033	2061	rVB	120258	247152	4.28%	0.919%
46	7.791	2077	2084	2096	rVB3	30653	53790	0.93%	0.200%
47	7.894	2098	2116	2118	rBV7	7891	18470	0.32%	0.069%
48	7.981	2138	2143	2150	rBV5	7709	9335	0.16%	0.035%
49	8.093	2167	2178	2206	rBV2	327753	643479	11.15%	2.393%
50	8.212	2208	2215	2217	rBV2	16250	20317	0.35%	0.076%
51	8.360	2253	2261	2268	rBV3	16981	27674	0.48%	0.103%
52	8.511	2301	2308	2318	rVB9	7798	13895	0.24%	0.052%
53	8.575	2320	2328	2331	rBV4	10601	14718	0.26%	0.055%
54	8.672	2351	2358	2369	rVB3	45763	75790	1.31%	0.282%
55	8.794	2386	2396	2405	rBV2	40990	67458	1.17%	0.251%
56	8.858	2405	2416	2436	rVV	568634	926336	16.05%	3.445%
57	9.209	2519	2525	2551	rVB4	38922	92908	1.61%	0.345%
58	9.325	2554	2561	2571	rVB7	7068	11117	0.19%	0.041%
59	9.476	2600	2608	2617	rBV6	18540	33694	0.58%	0.125%
60	9.714	2667	2682	2692	rBV8	21523	41282	0.72%	0.154%
61	10.222	2829	2840	2861	rVB	422156	665529	11.53%	2.475%
62	11.064	3094	3102	3107	rBV3	11088	16049	0.28%	0.060%
63	11.161	3126	3132	3137	rBV6	6157	8025	0.14%	0.030%
64	11.202	3138	3145	3151	rVV	17407	24132	0.42%	0.090%
65	11.254	3151	3161	3182	rVB	656264	1025938	17.78%	3.815%
66	11.556	3244	3255	3256	rVV	63795	69964	1.21%	0.260%
67	11.582	3258	3263	3269	rVV	149555	209403	3.63%	0.779%
68	11.633	3269	3279	3303	rVB3	856982	1482136	25.68%	5.511%
69	11.752	3311	3316	3322	rVB4	10094	12399	0.21%	0.046%
70	11.826	3328	3339	3353	rVB3	67925	113010	1.96%	0.420%
71	11.919	3359	3368	3373	rBV2	56594	89976	1.56%	0.335%
72	12.022	3392	3400	3422	rVB	102443	169788	2.94%	0.631%
73	12.128	3424	3433	3436	rBV4	18689	27930	0.48%	0.104%
74	12.257	3462	3473	3484	rBV7	19078	47063	0.82%	0.175%
75	12.318	3484	3492	3503	rVB6	11429	21483	0.37%	0.080%
76	12.392	3507	3515	3516	rBV4	15459	16859	0.29%	0.063%

LSC Area Percent Report

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Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

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

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Peak separation: 5

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

77	12.421	3517	3524	3532	rVB	73582	105549	1.83%	0.392%
78	12.472	3533	3540	3554	rVB	81168	124690	2.16%	0.464%
79	12.559	3558	3567	3573	rBV2	72893	112868	1.96%	0.420%
80	12.595	3574	3578	3583	rVB2	21385	20954	0.36%	0.078%
81	12.688	3599	3607	3615	rBV4	23531	47262	0.82%	0.176%
82	12.736	3616	3622	3630	rVB	54160	68898	1.19%	0.256%
83	12.804	3636	3643	3650	rBV3	40840	54754	0.95%	0.204%
84	12.858	3651	3660	3667	rBV4	54249	100377	1.74%	0.373%
85	13.009	3699	3707	3718	rBV	51278	75144	1.30%	0.279%
86	13.173	3750	3758	3766	rBV2	38213	60872	1.05%	0.226%
87	13.225	3766	3774	3781	rBV2	42102	61779	1.07%	0.230%
88	13.279	3782	3791	3797	rBV2	121266	188060	3.26%	0.699%
89	13.376	3817	3821	3827	rVB2	23805	25520	0.44%	0.095%
90	13.472	3844	3851	3859	rBV3	11394	21351	0.37%	0.079%
91	13.556	3871	3877	3888	rVB4	8284	13227	0.23%	0.049%
92	13.614	3889	3895	3905	rBV9	9249	16366	0.28%	0.061%
93	13.720	3920	3928	3938	rBV7	25568	52819	0.92%	0.196%
94	13.832	3955	3963	3971	rBV8	6989	11733	0.20%	0.044%
95	13.919	3981	3990	4005	rVB3	16185	26017	0.45%	0.097%
96	14.103	4038	4047	4059	rBV6	23861	48291	0.84%	0.180%
97	14.241	4082	4090	4101	rBV2	20168	32695	0.57%	0.122%
98	14.308	4104	4111	4122	rVB6	11861	23598	0.41%	0.088%
99	14.379	4122	4133	4144	rBV10	3912	7388	0.13%	0.027%
100	14.627	4203	4210	4222	rVB10	4590	8450	0.15%	0.031%

Sum of corrected areas: 26891818

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
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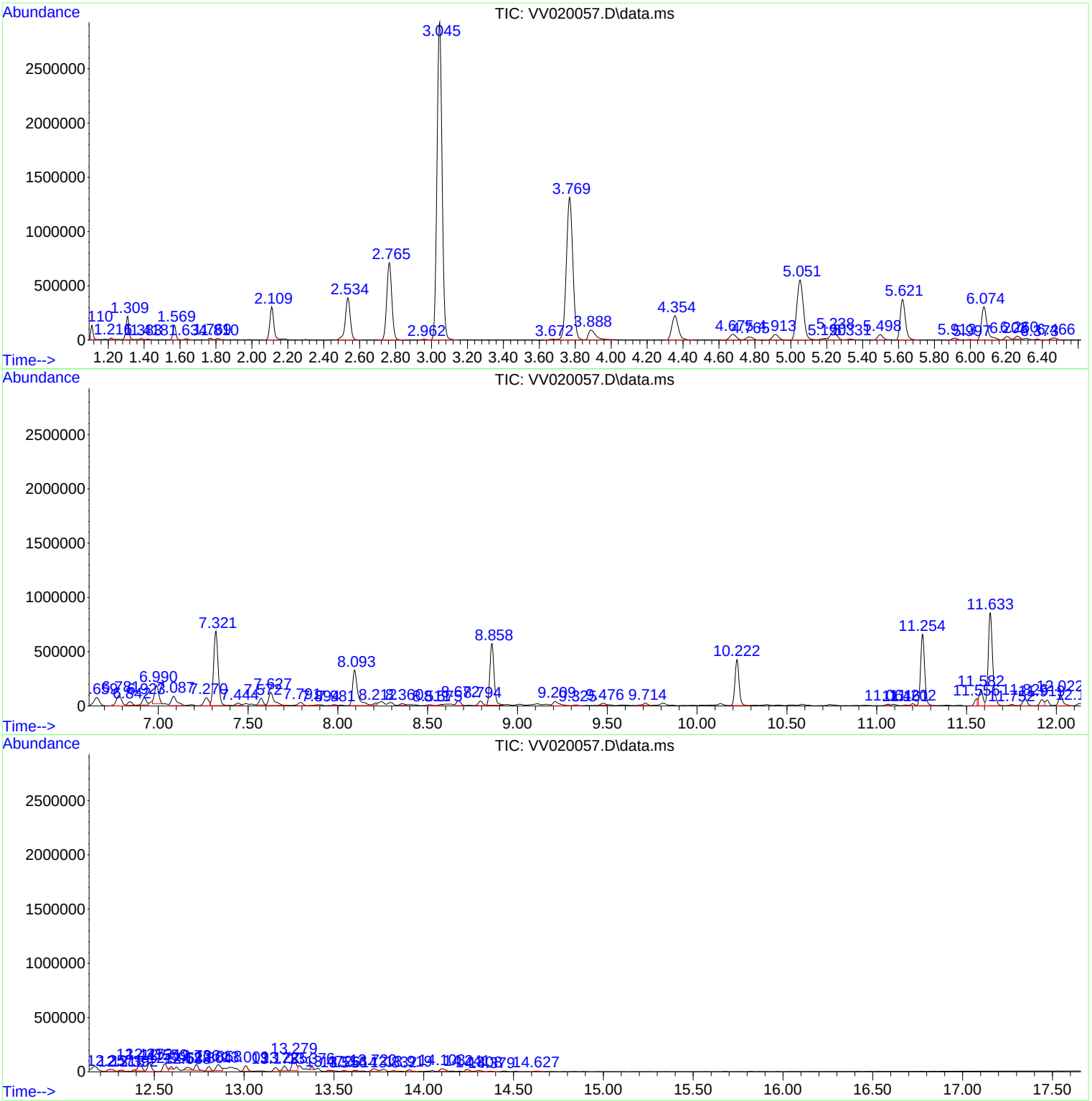
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

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\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

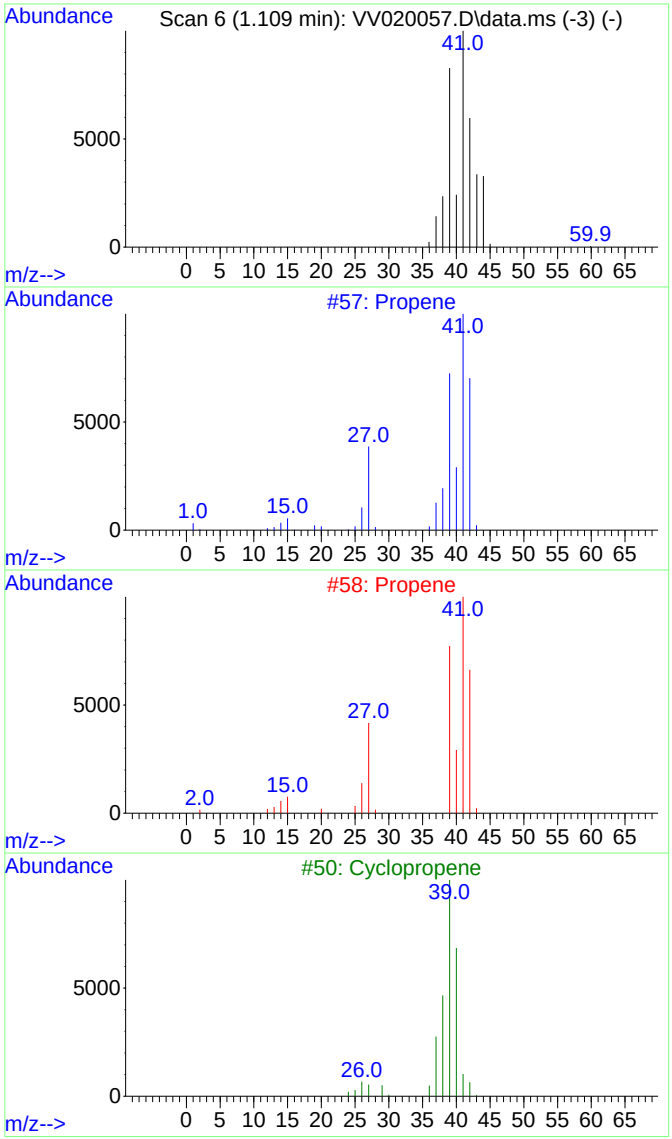
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

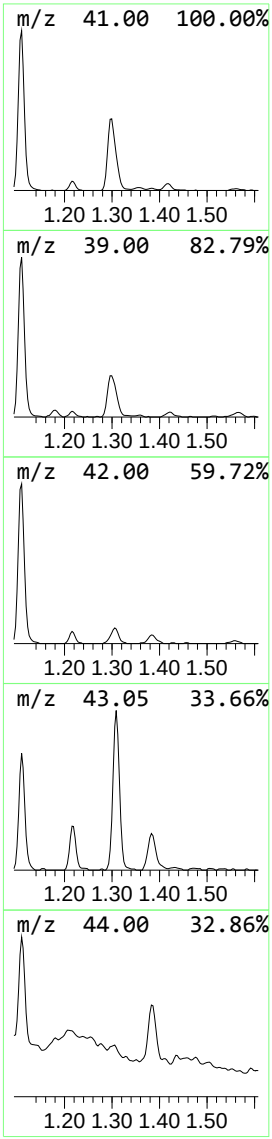
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.109	7.45 ug/L	110804	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropene	40	C3H4	002781-85-3	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

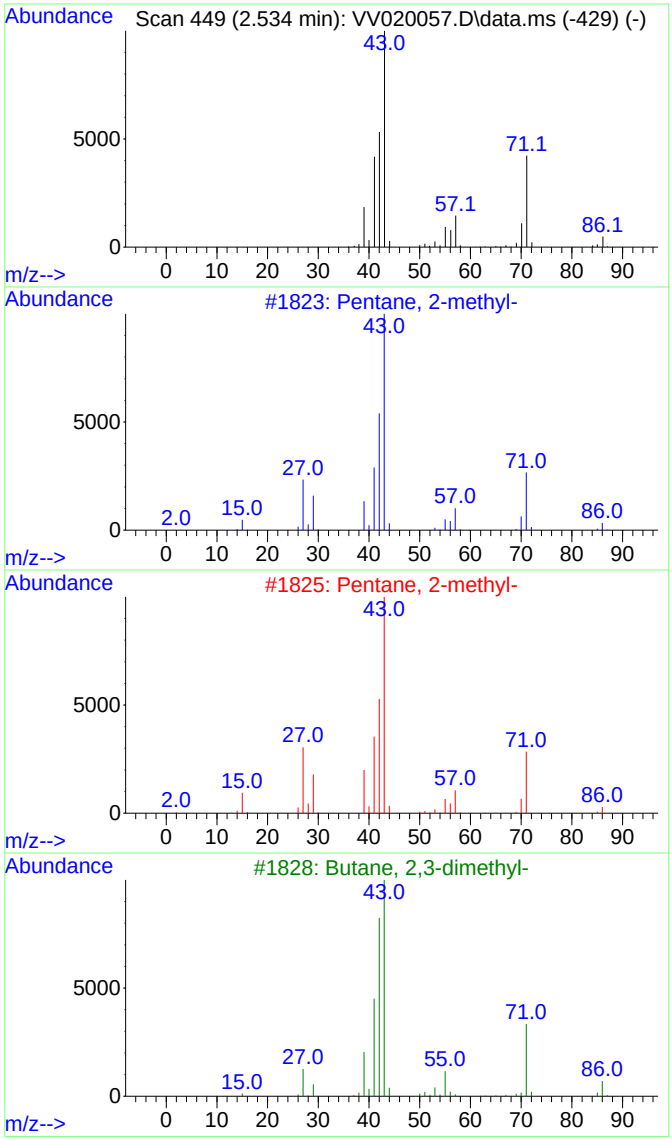
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

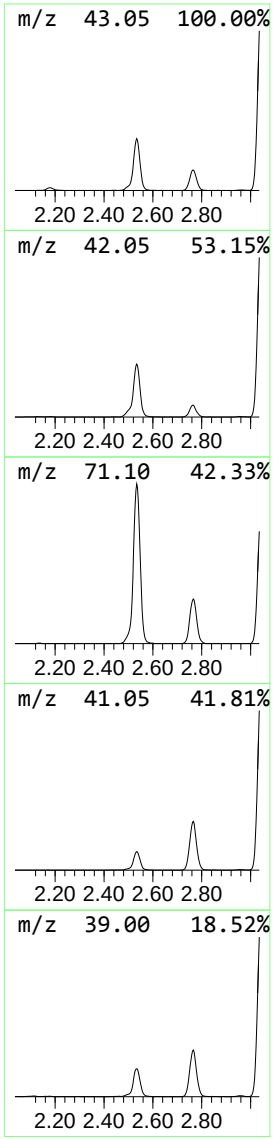
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	51.19 ug/L	760832	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	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Pentane	72	C5H12	000109-66-0	43





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Data File : VV020057.D
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Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

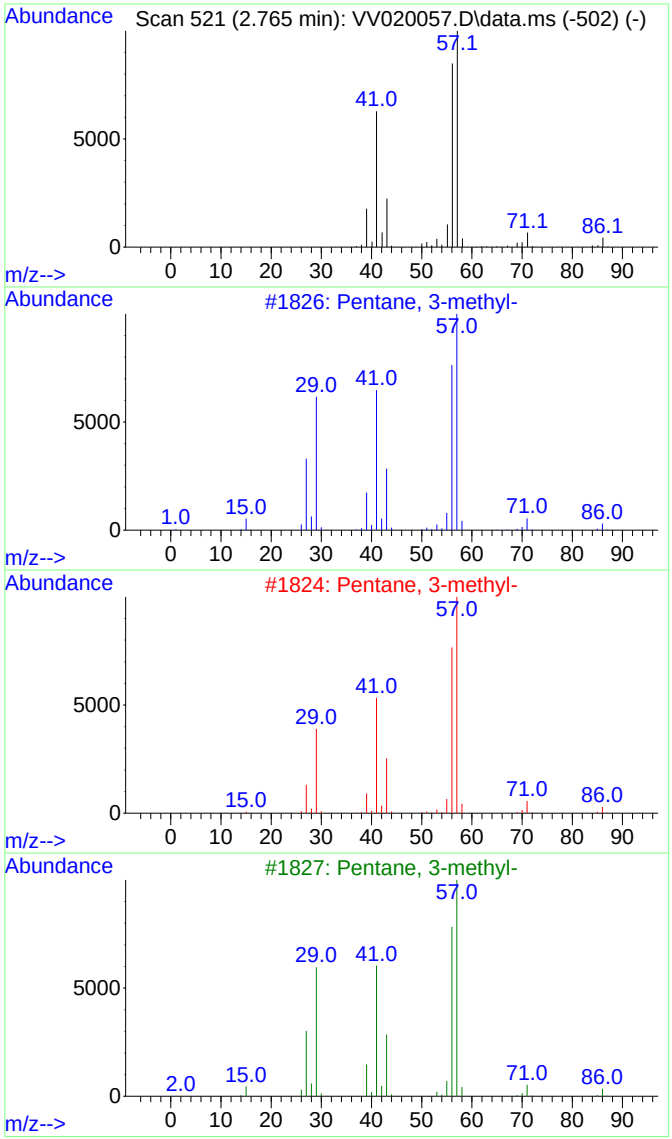
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

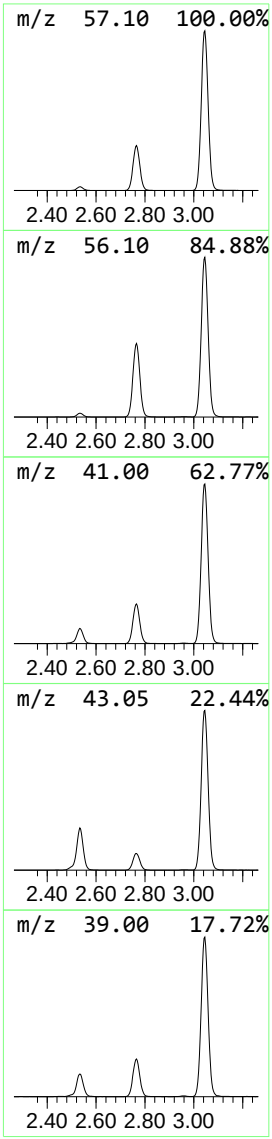
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.765	95.10 ug/L	1413490	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

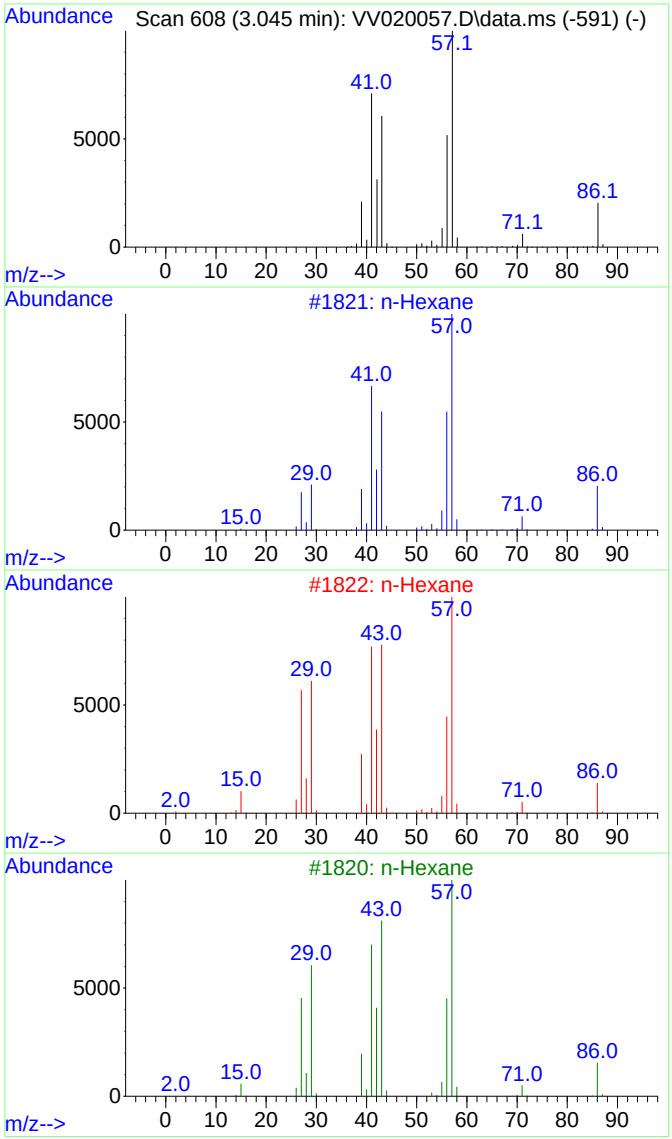
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

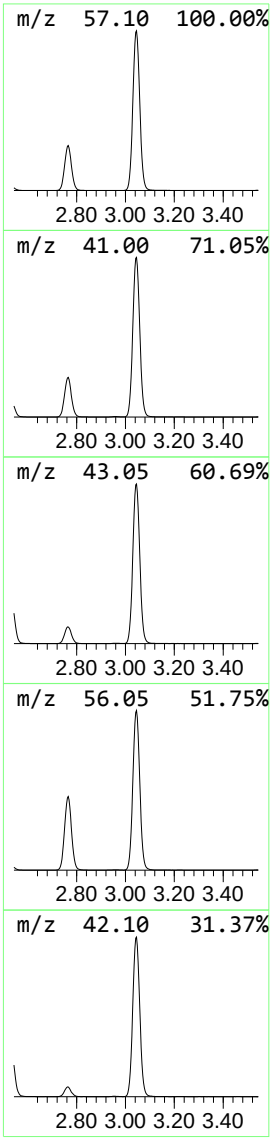
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	388.31 ug/L	5771630	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	78
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	40





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Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

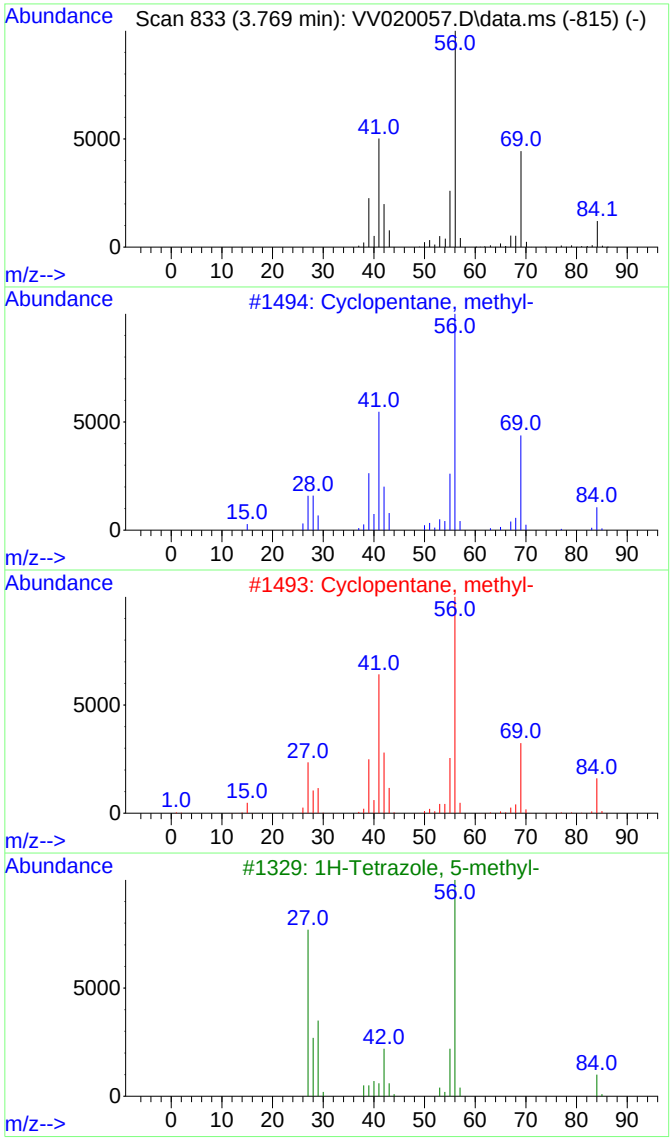
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

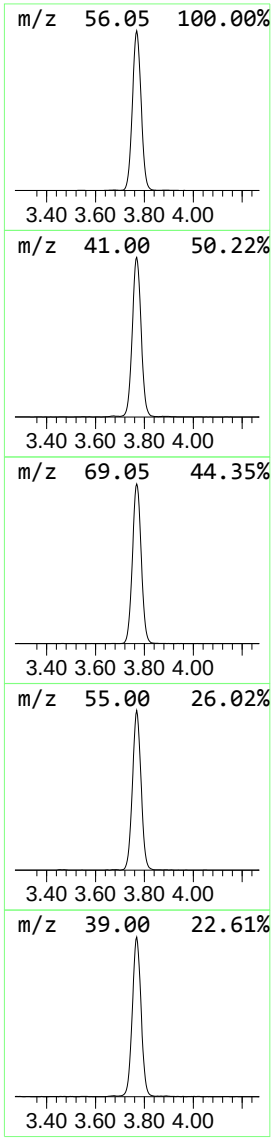
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.769 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	221.40 ug/L	3290810	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

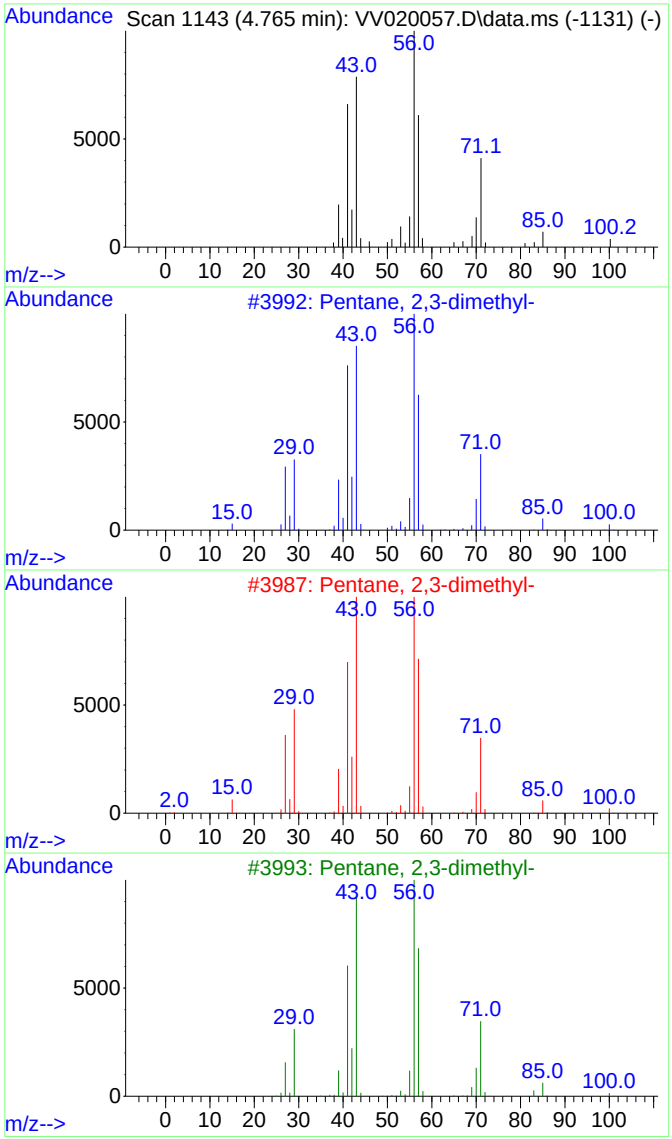
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

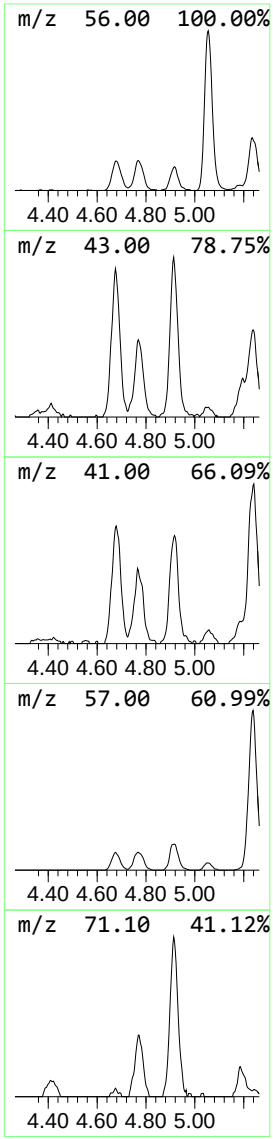
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.765	5.01 ug/L	74509	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43





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Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

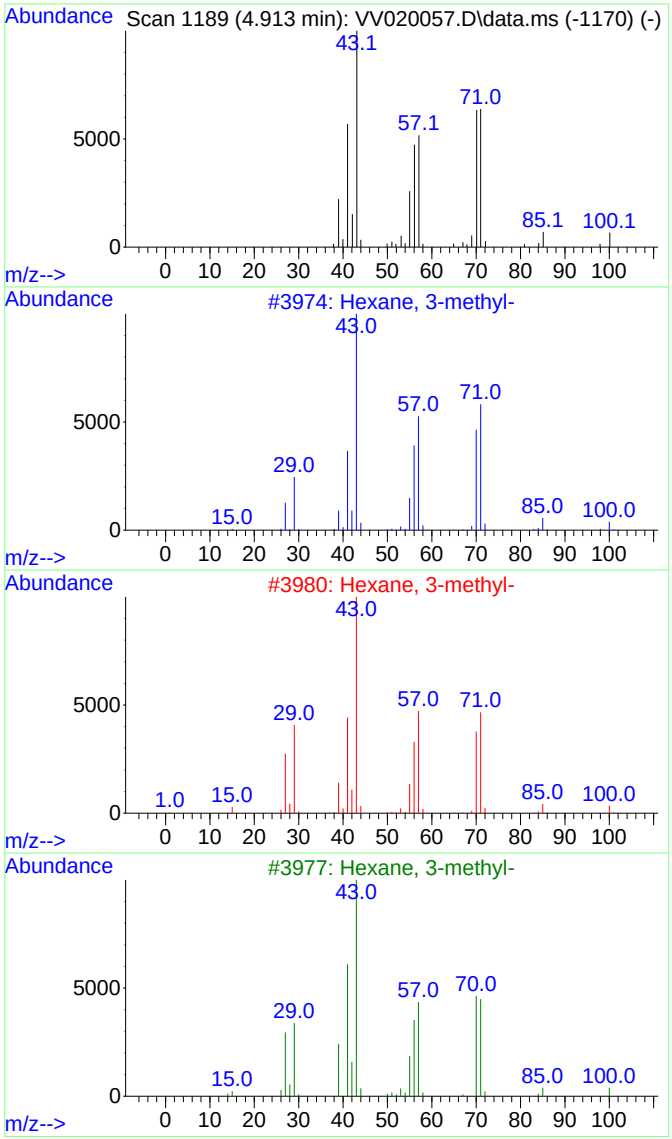
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

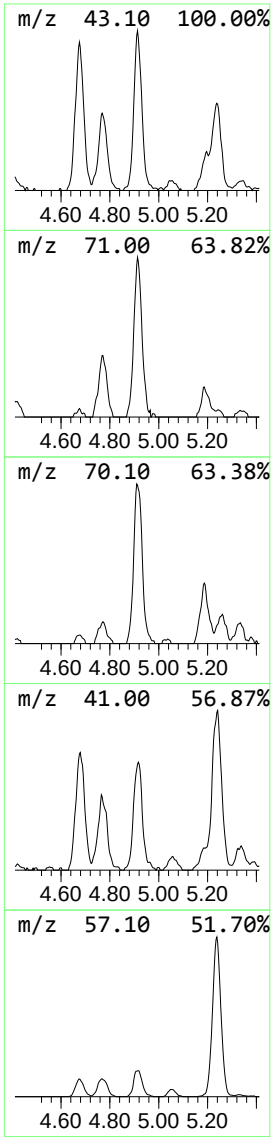
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.913	8.52 ug/L	126627	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	83
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	56
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





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Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

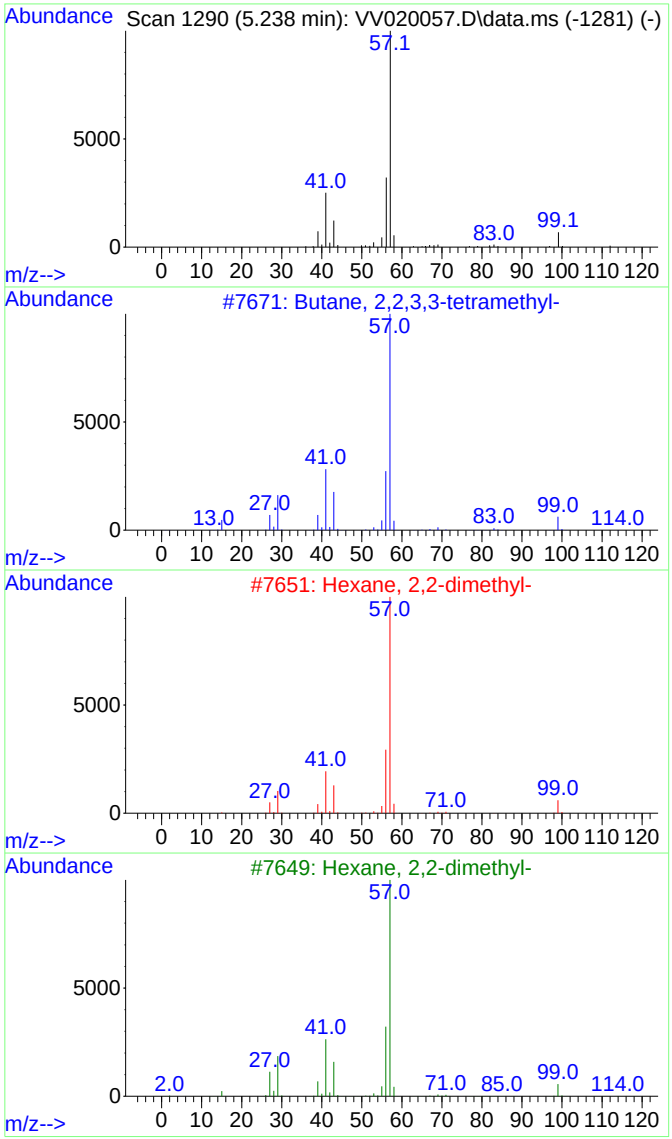
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

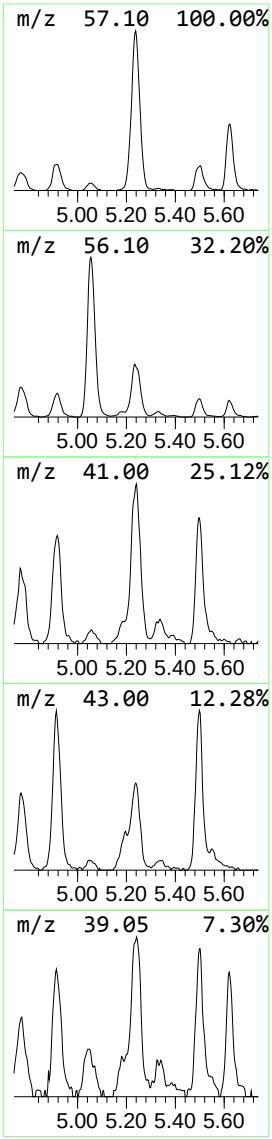
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.238	11.96 ug/L	177763	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	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

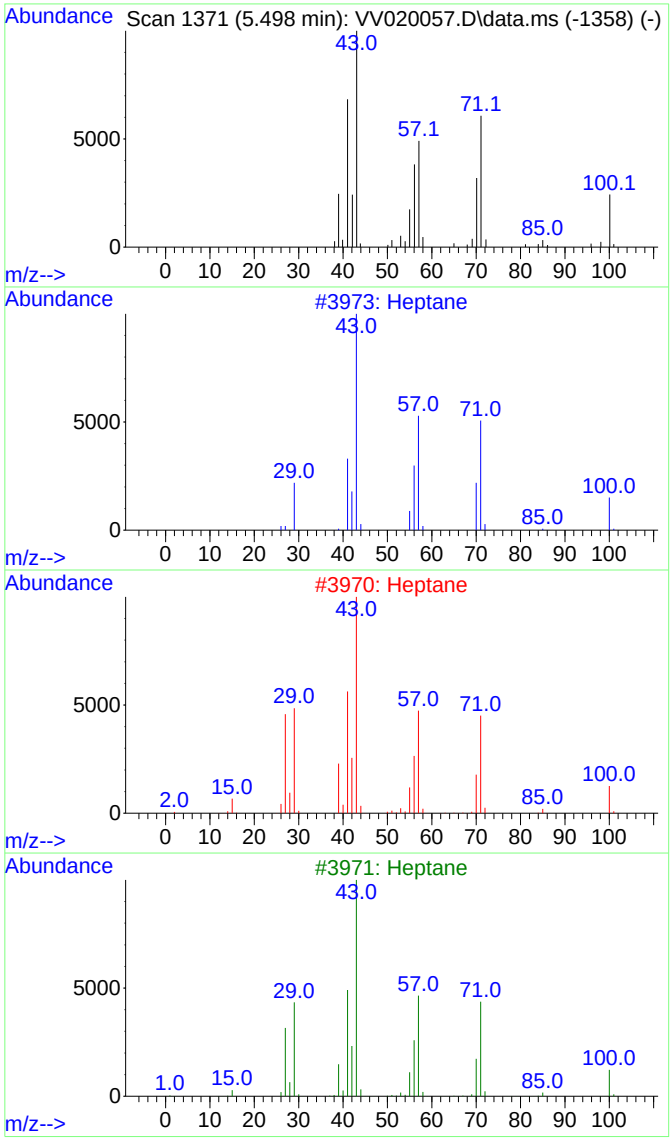
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

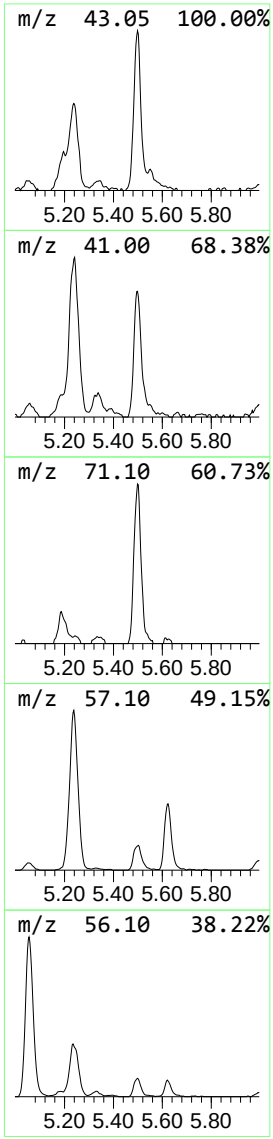
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.498	7.06 ug/L	104983	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	53
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	45
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

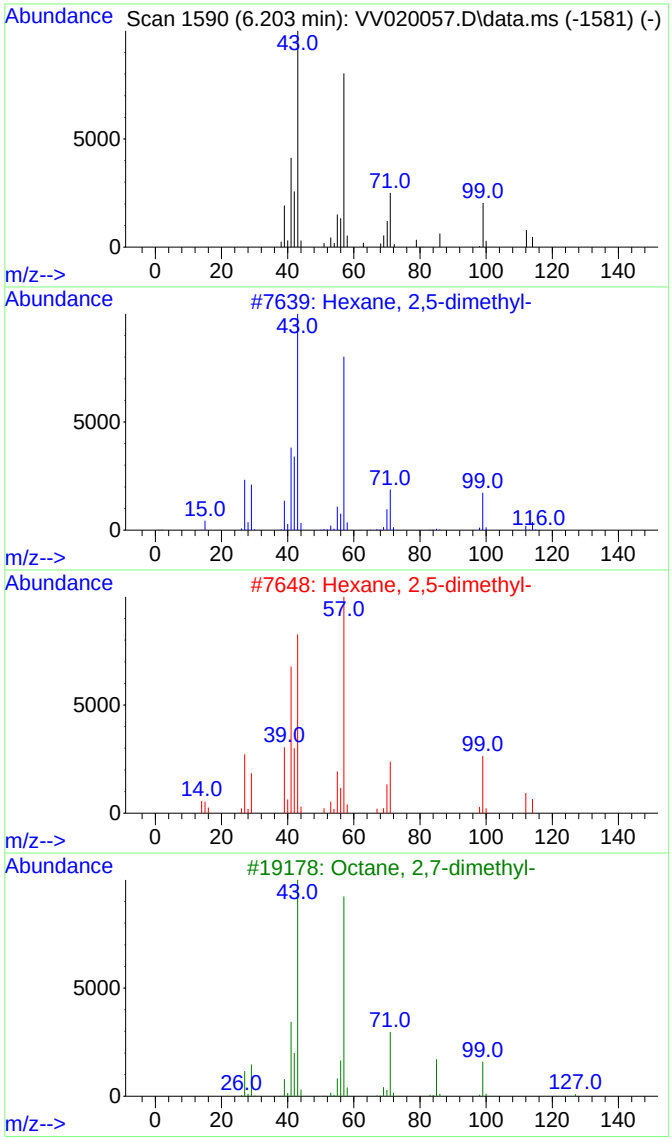
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

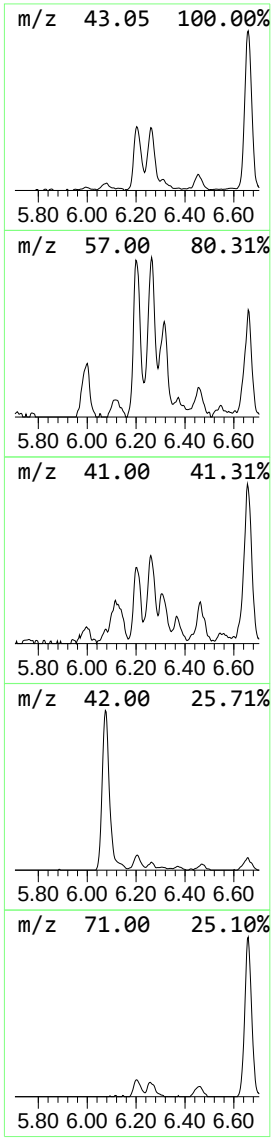
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.203	3.73 ug/L	55413	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	76
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	47
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

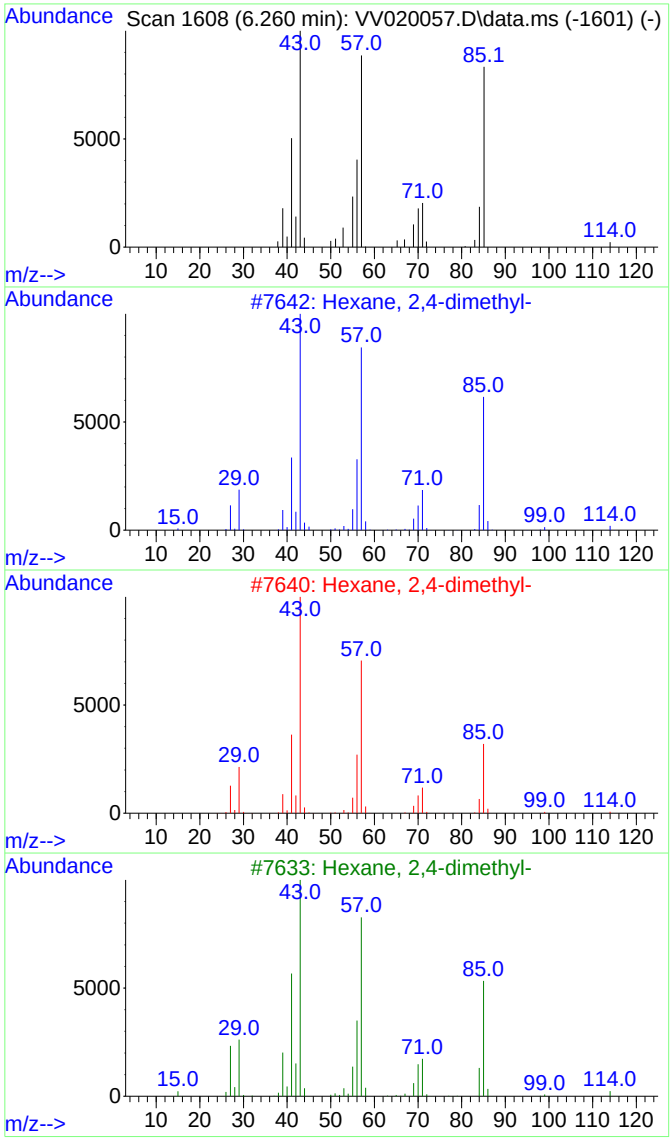
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

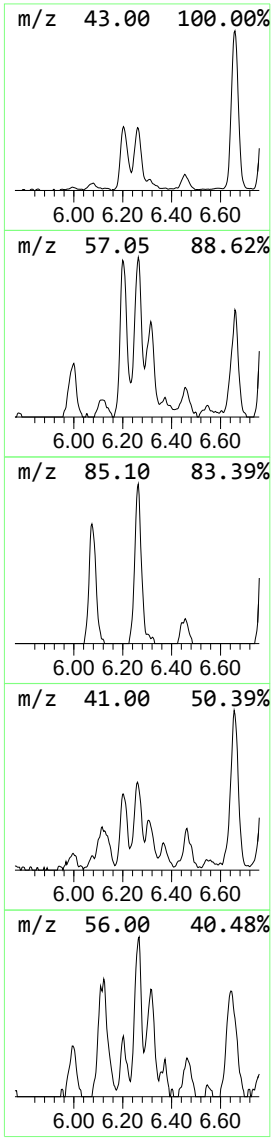
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.260	2.99 ug/L	44378	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	80
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

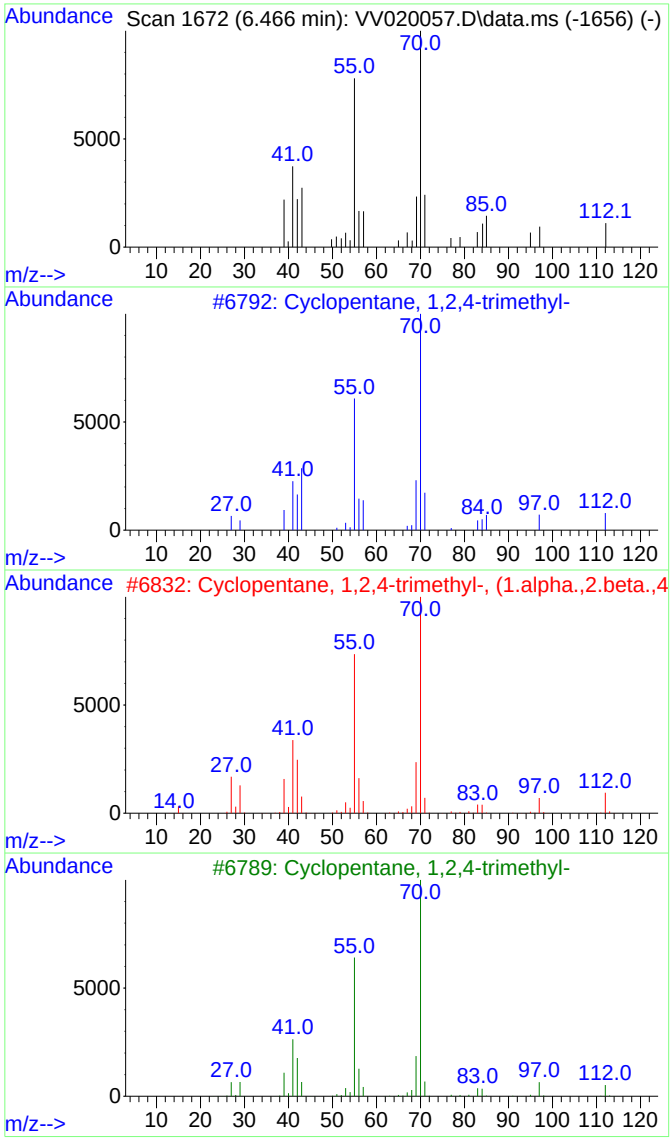
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

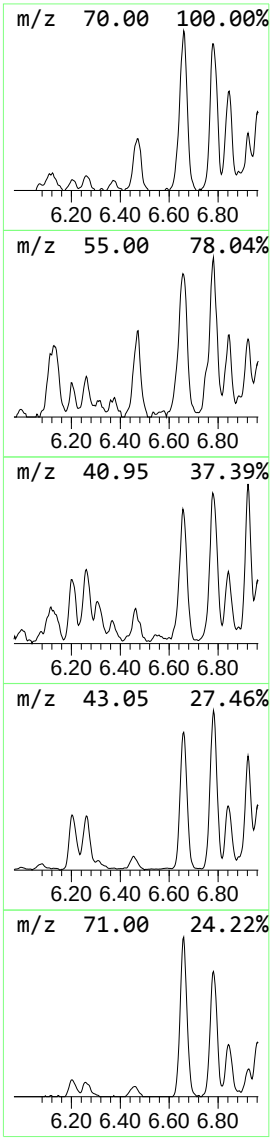
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic6.466 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.466	3.13 ug/L	46542	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	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	81
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	74
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	70





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Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

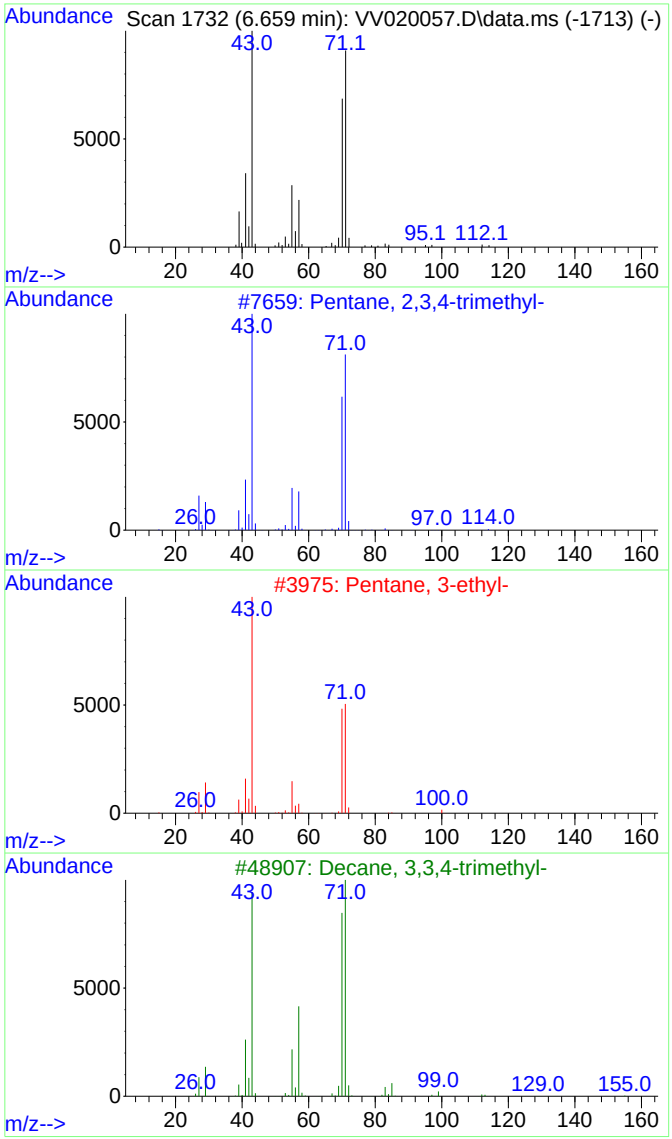
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

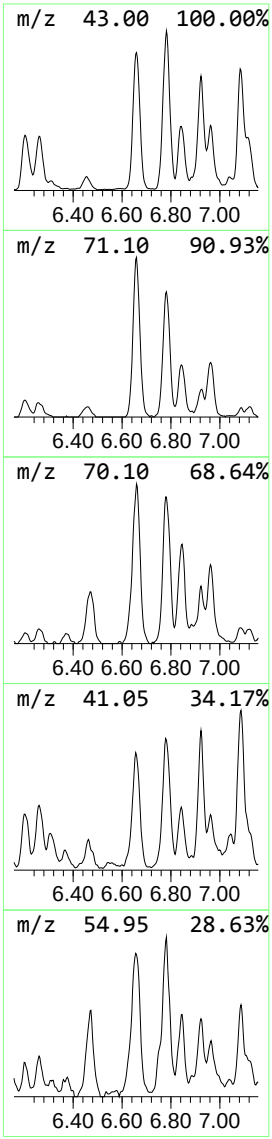
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.659	11.50 ug/L	170857	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, 3-ethyl-	100	C7H16	000617-78-7	78
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

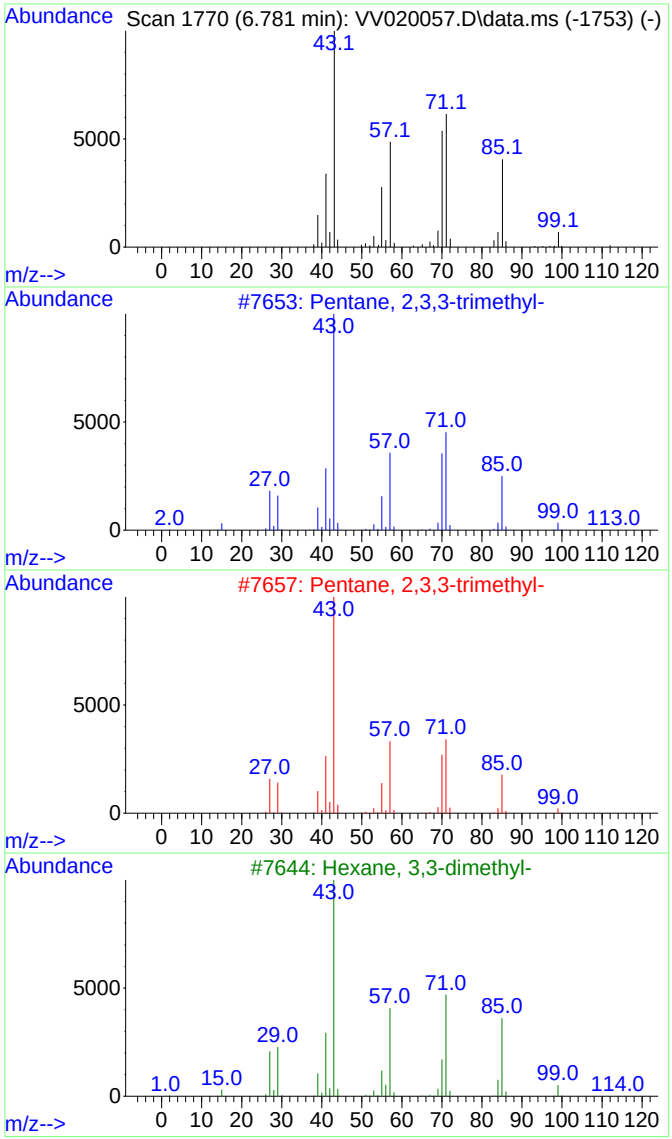
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

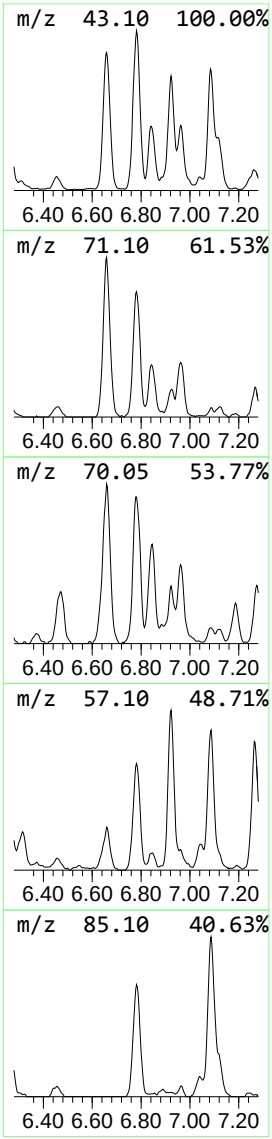
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	13.61 ug/L	202250	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	90
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4	Octane, 4-methyl-	128	C9H20	002216-34-4	64
5	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

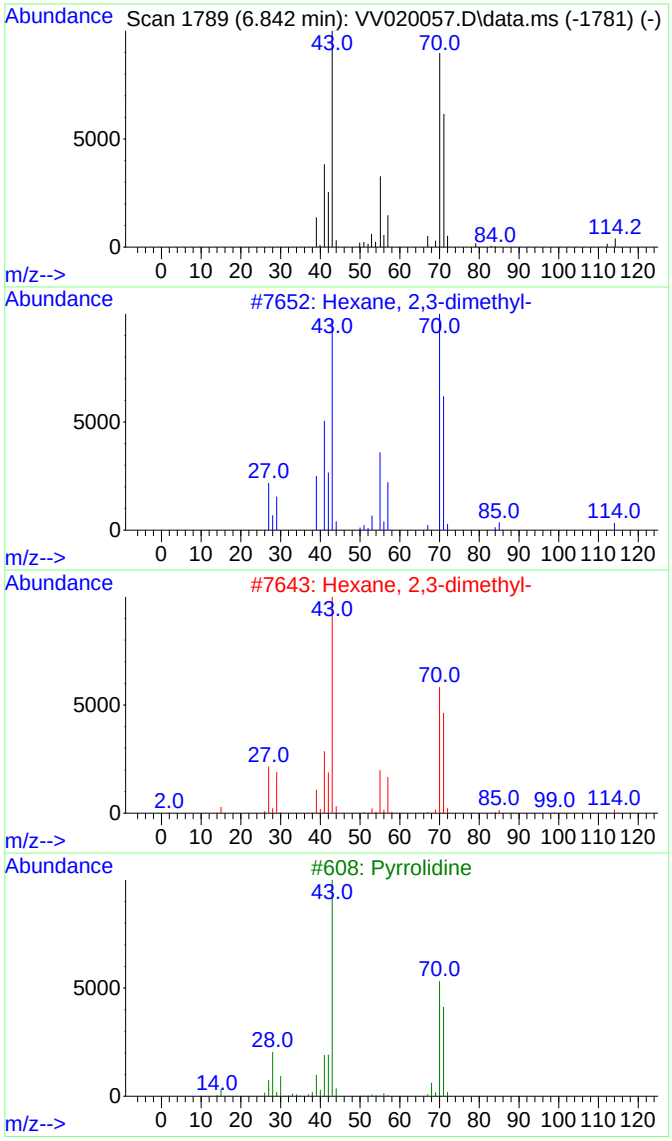
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

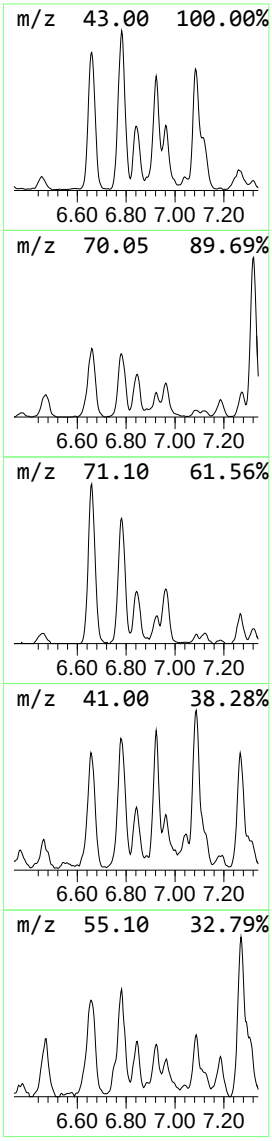
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.842	3.77 ug/L	56055	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	87
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72
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\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

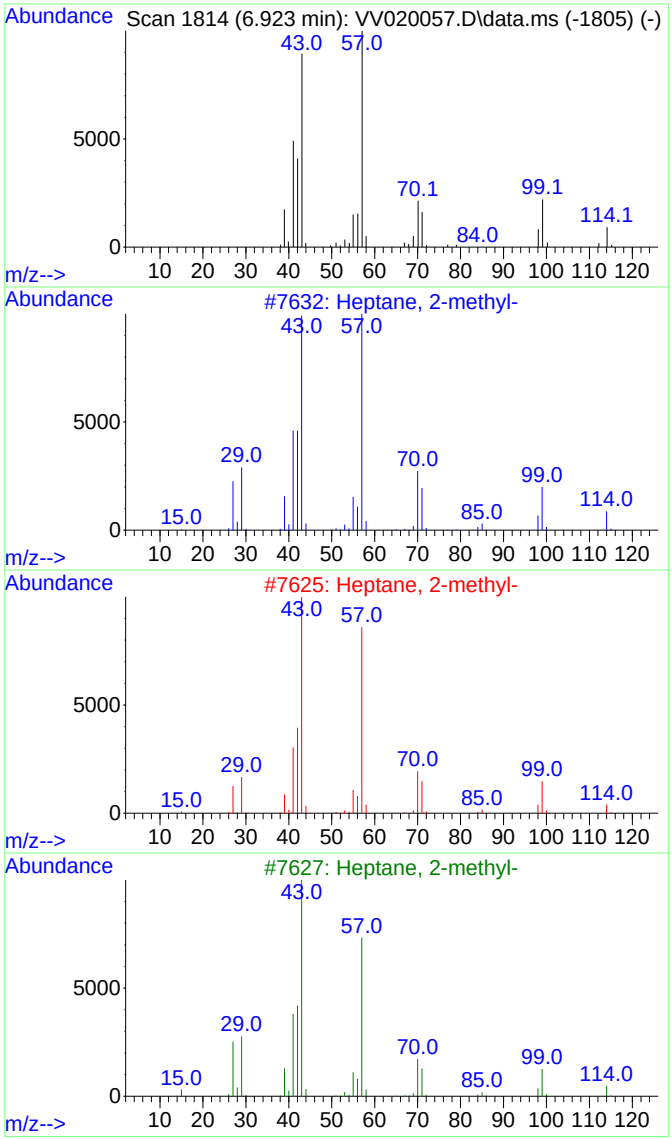
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

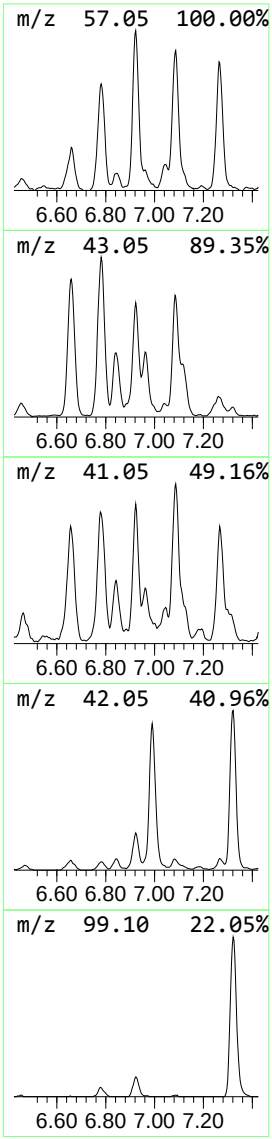
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.923	7.06 ug/L	104870	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

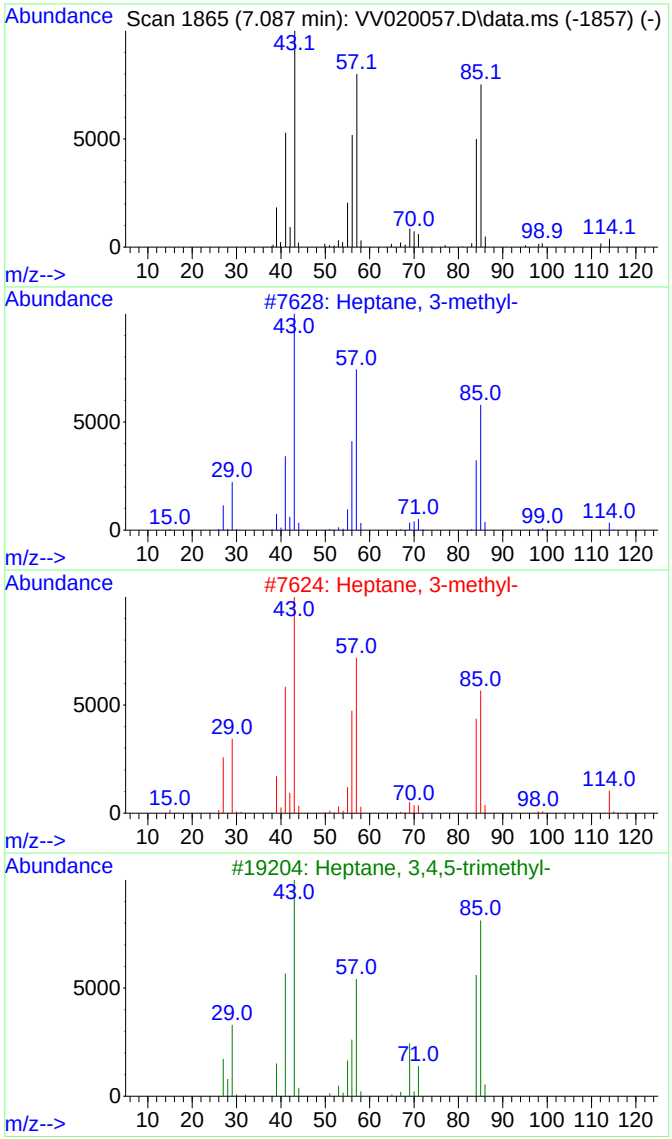
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

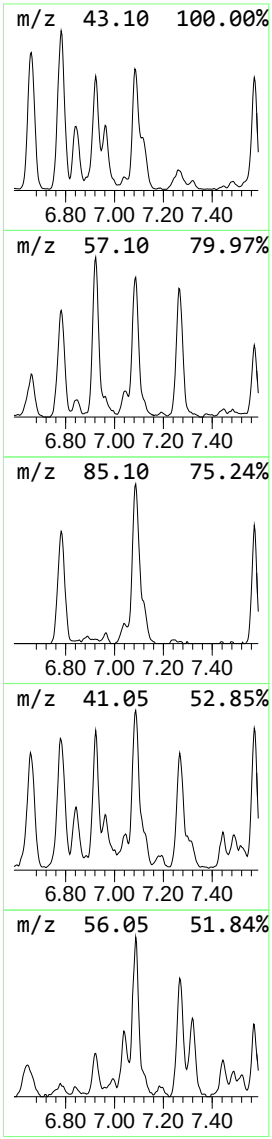
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	12.26 ug/L	182279	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	91
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

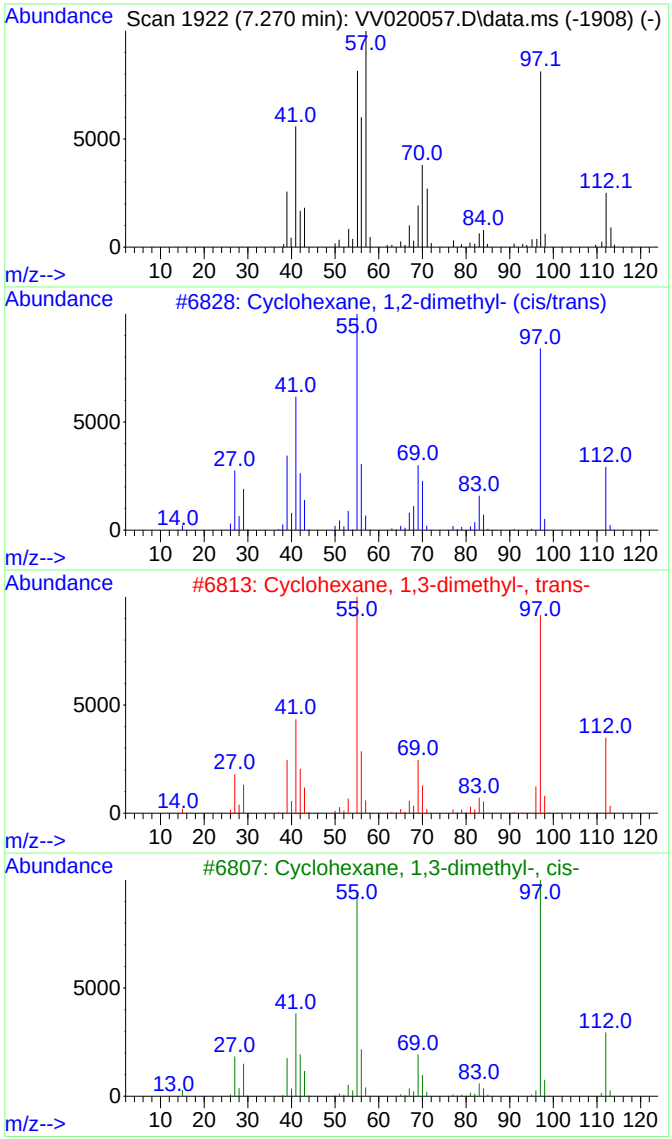
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

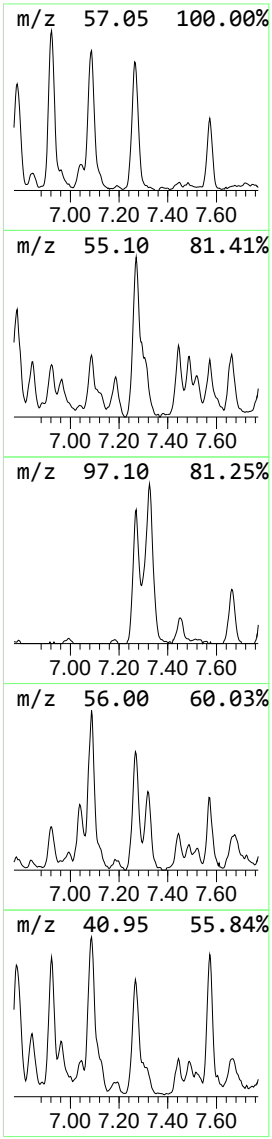
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic7.270 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.270	7.54 ug/L	139727	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	58
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52





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Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

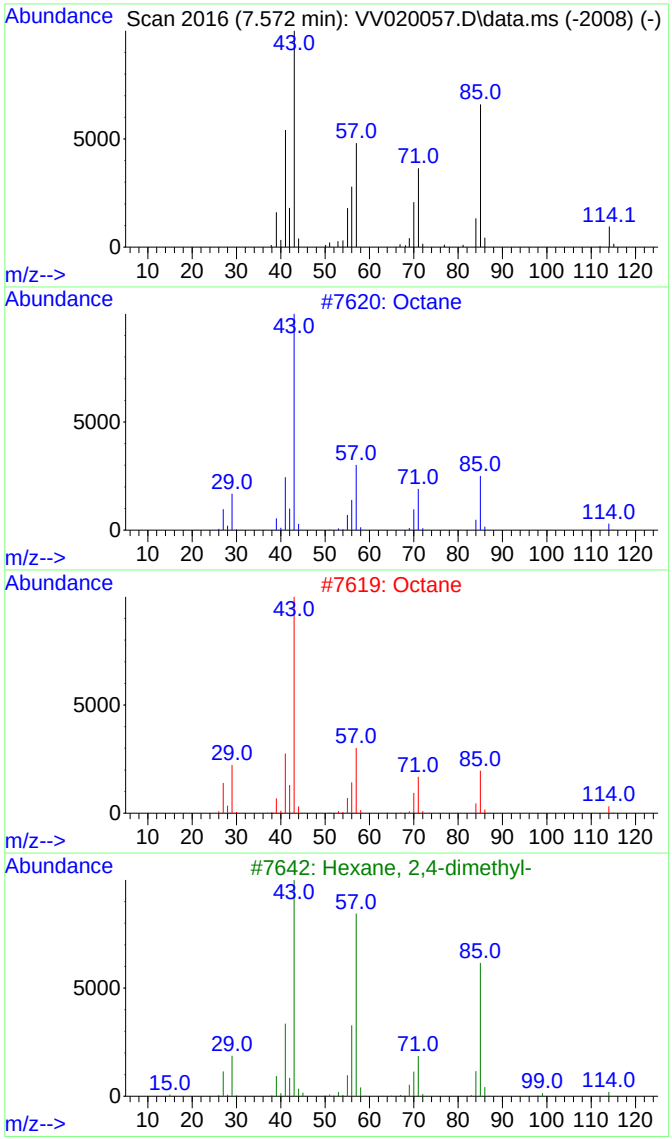
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

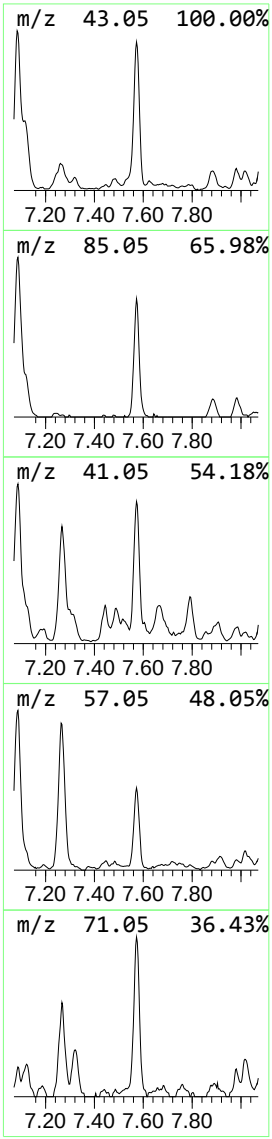
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.572	4.82 ug/L	89332	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	81
2	Octane	114	C8H18	000111-65-9	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Octane	114	C8H18	000111-65-9	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

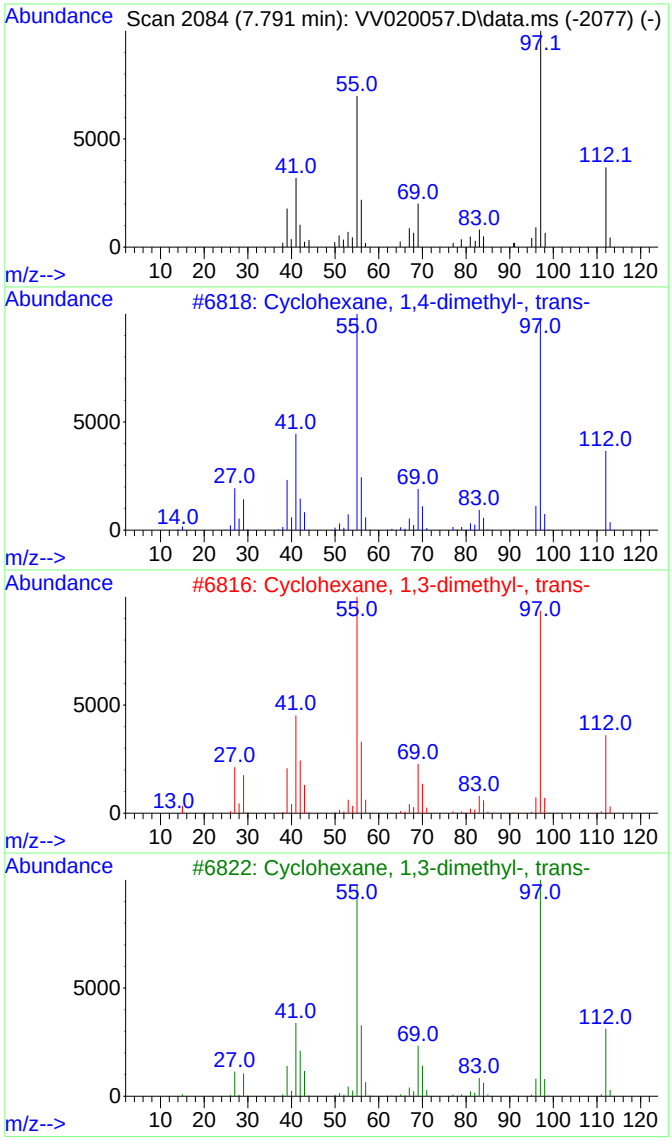
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

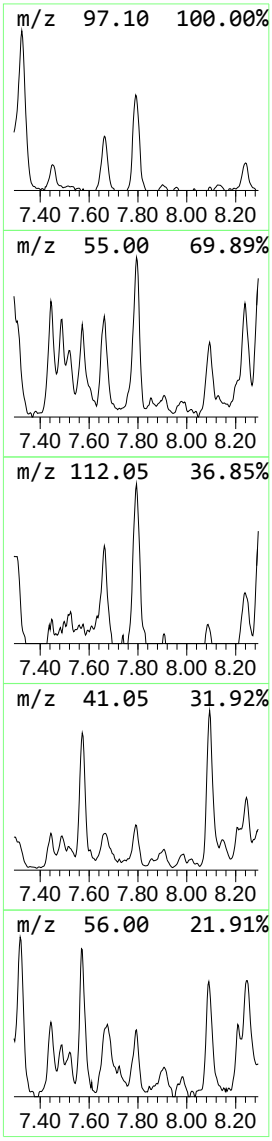
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic7.791 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.791	2.90 ug/L	53790	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

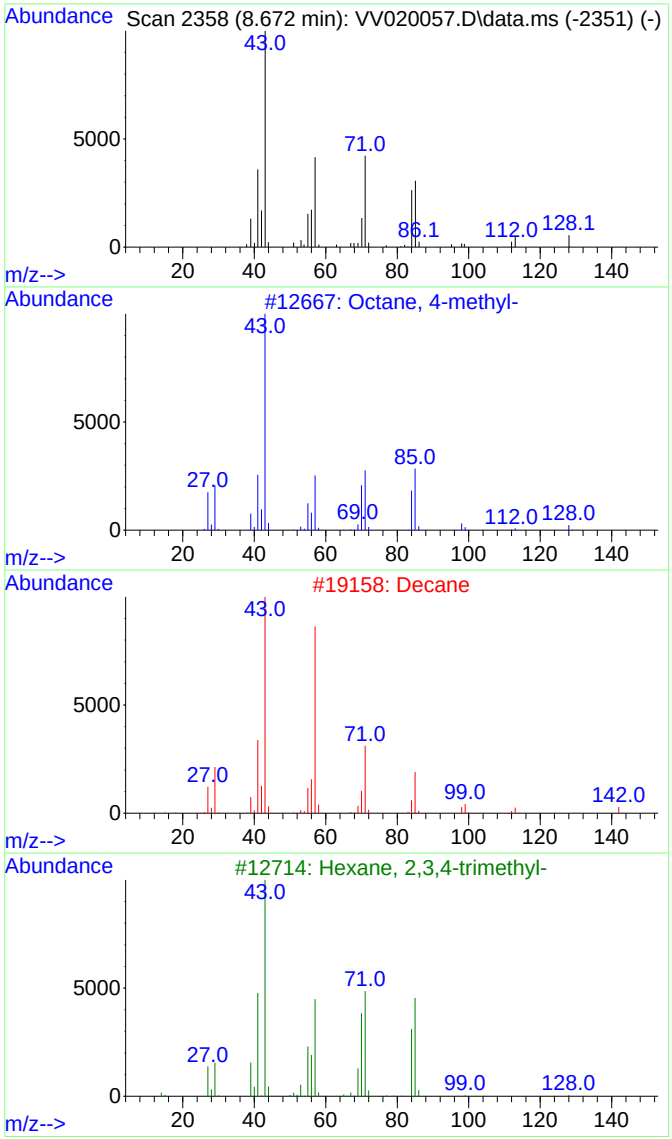
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

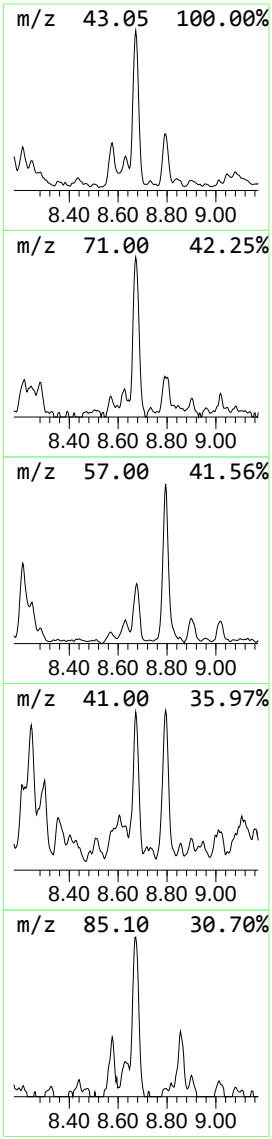
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.672	4.09 ug/L	75790	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Decane	142	C10H22	000124-18-5	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

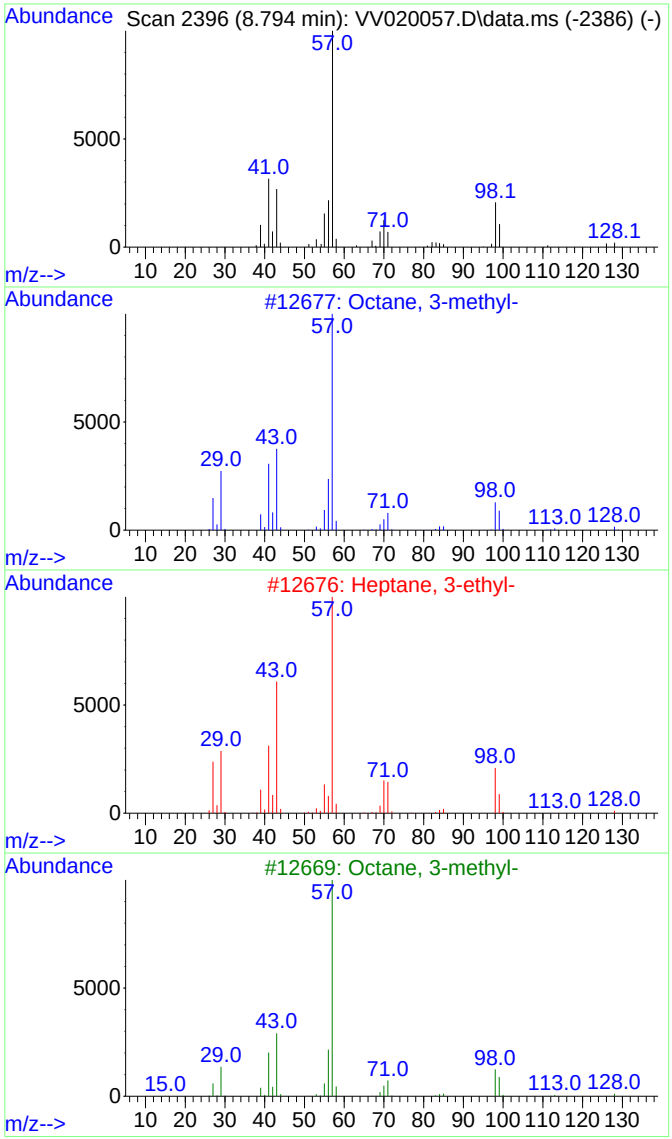
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

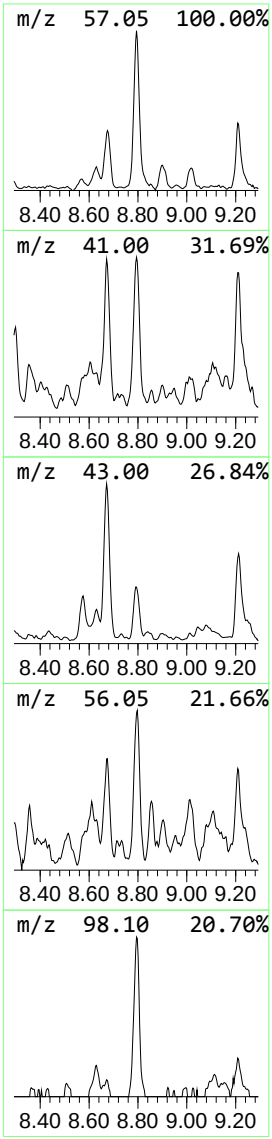
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.794	3.64 ug/L	67458	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

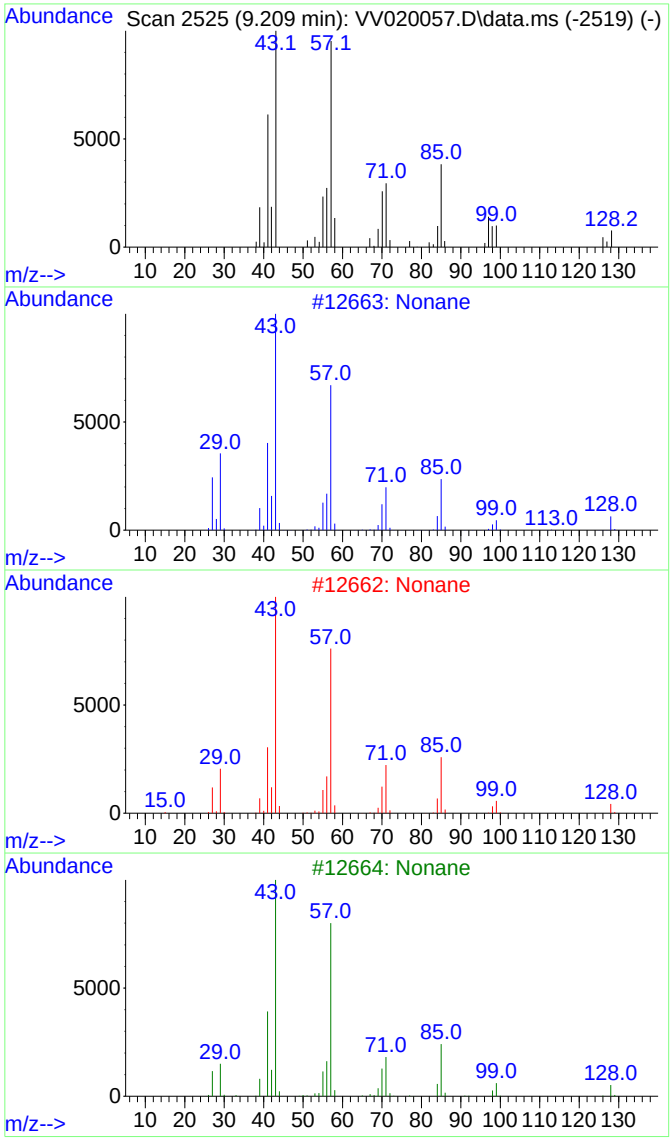
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

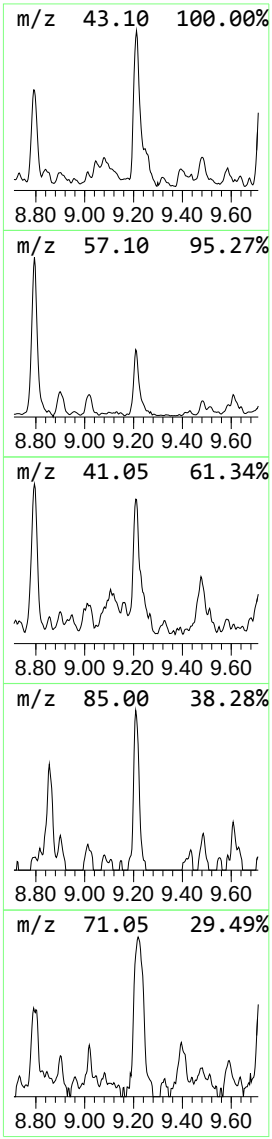
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.209	5.01 ug/L	92908	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Nonane	128	C9H20	000111-84-2	87
3	Nonane	128	C9H20	000111-84-2	81
4	Octane	114	C8H18	000111-65-9	53
5	Tetradecane	198	C14H30	000629-59-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

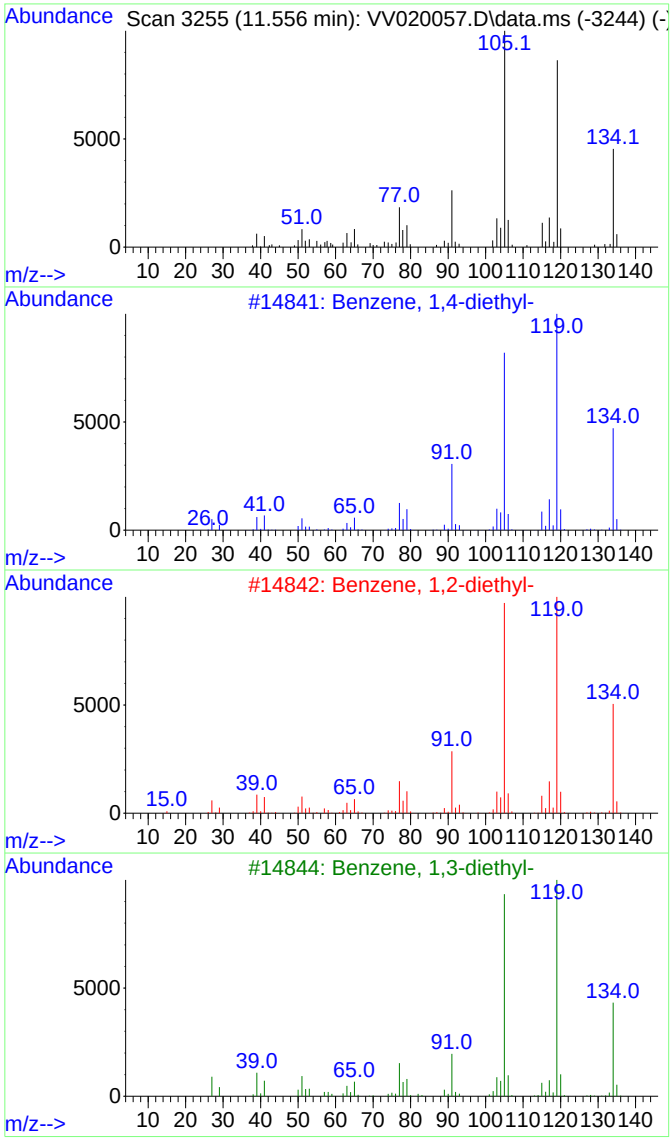
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

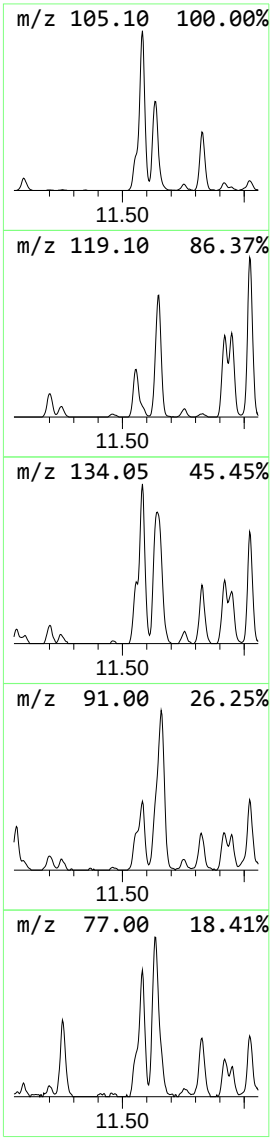
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1,4-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.556	3.41 ug/L	69964	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

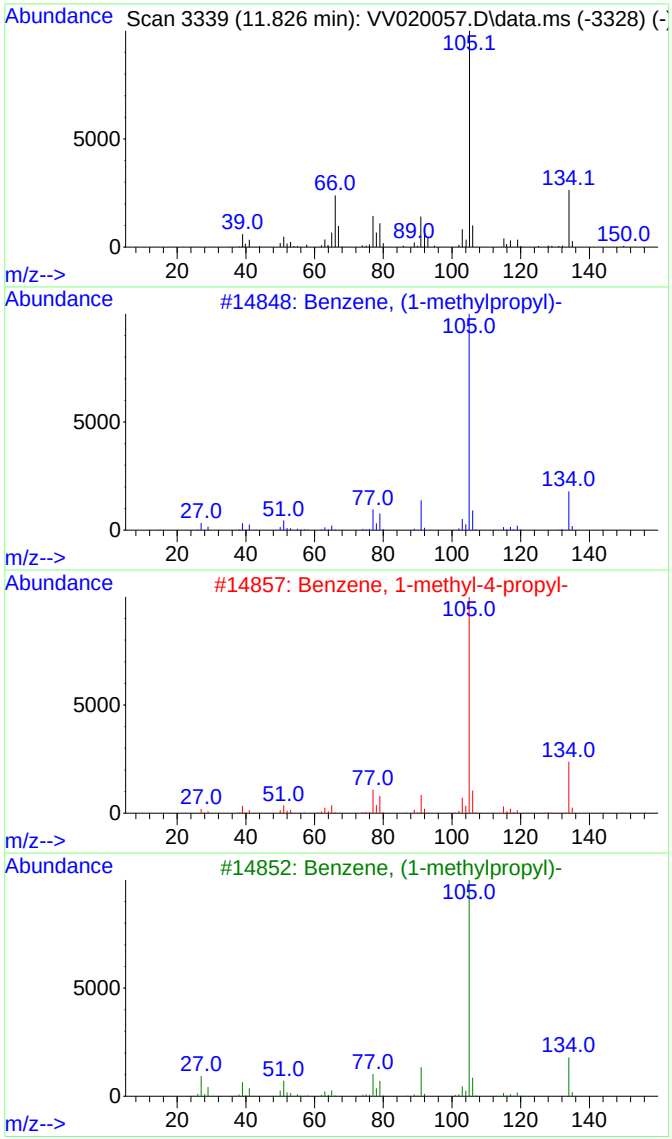
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

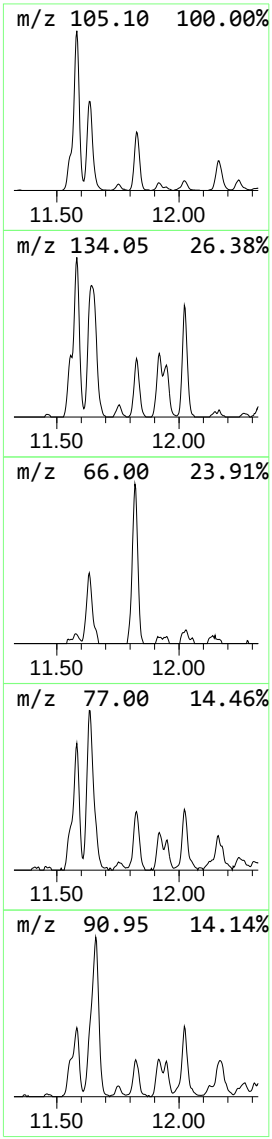
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, (1-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.826	5.51 ug/L	113010	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	45
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	41





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Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

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

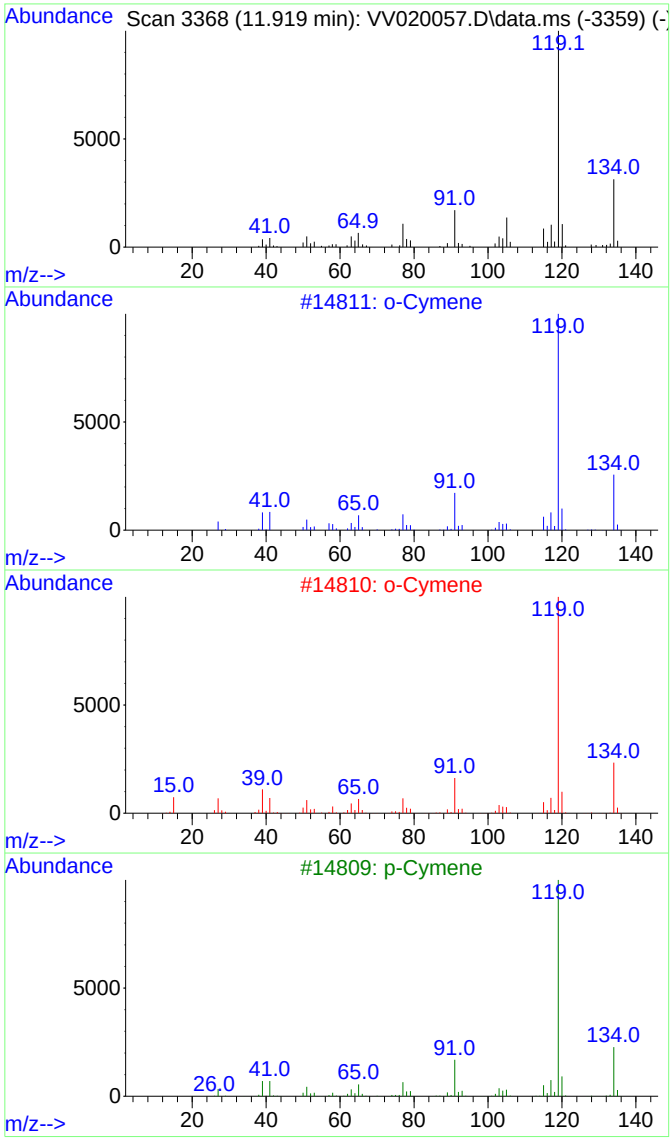
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

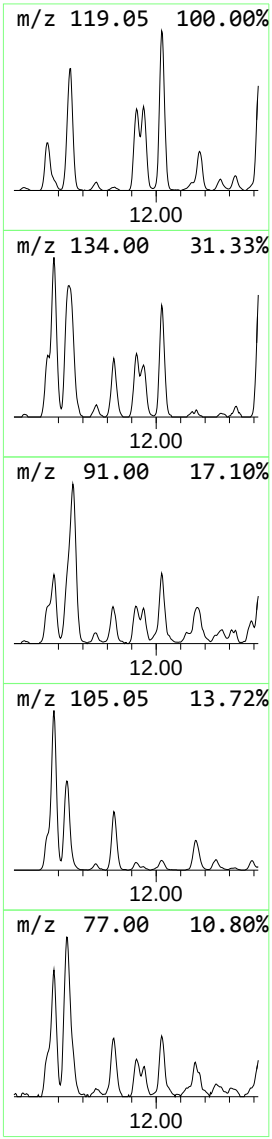
****

Peak Number 27 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.919	4.39 ug/L	89976	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

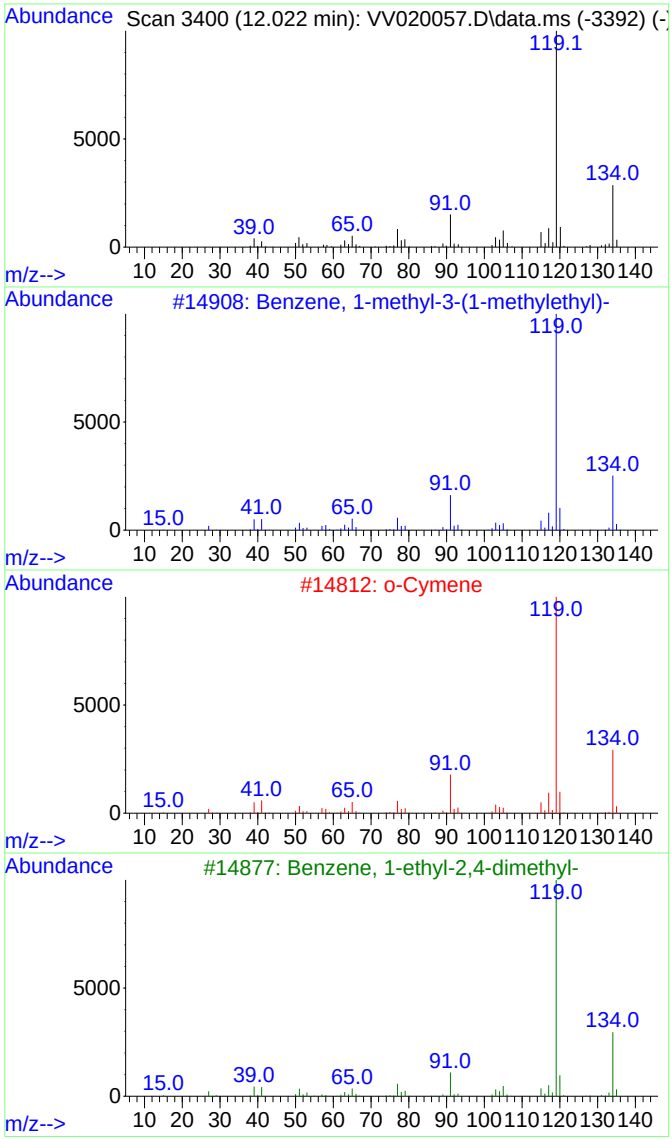
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

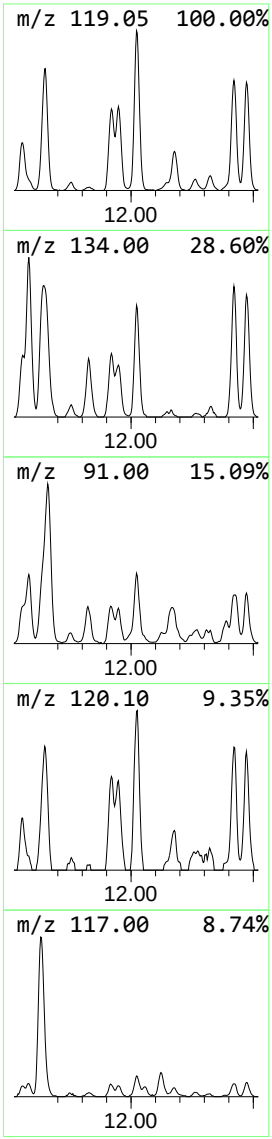
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	8.27 ug/L	169788	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	o-Cymene	134	C10H14	000527-84-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

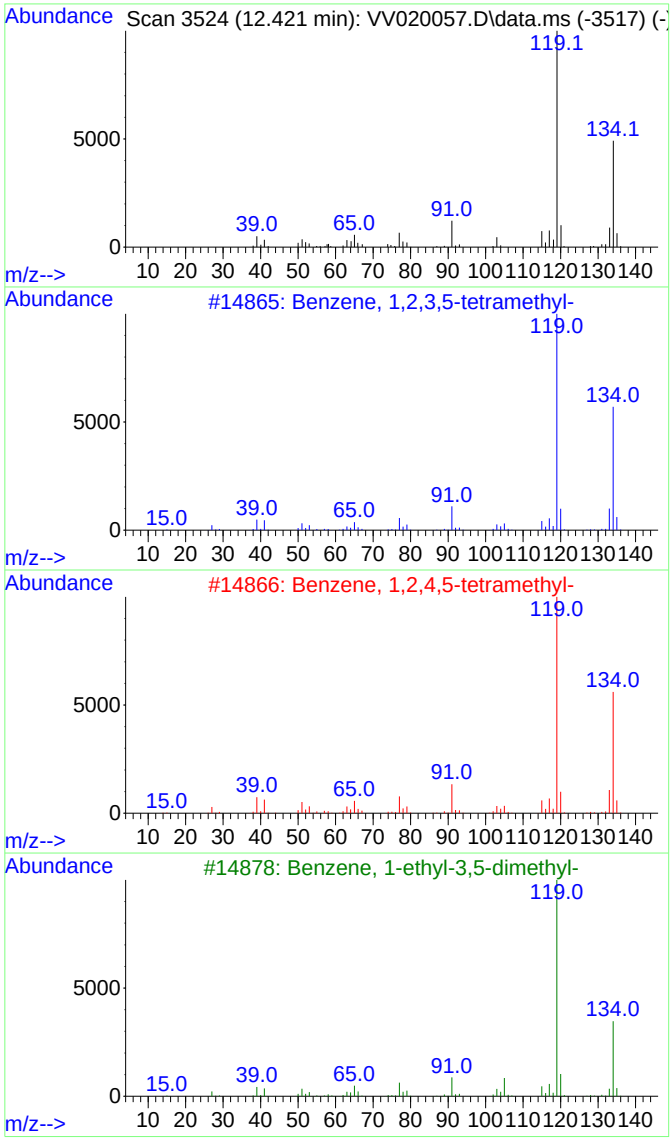
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

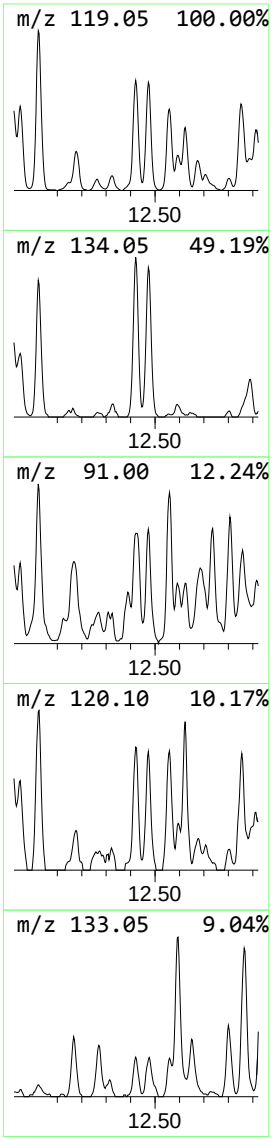
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	5.14 ug/L	105549	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

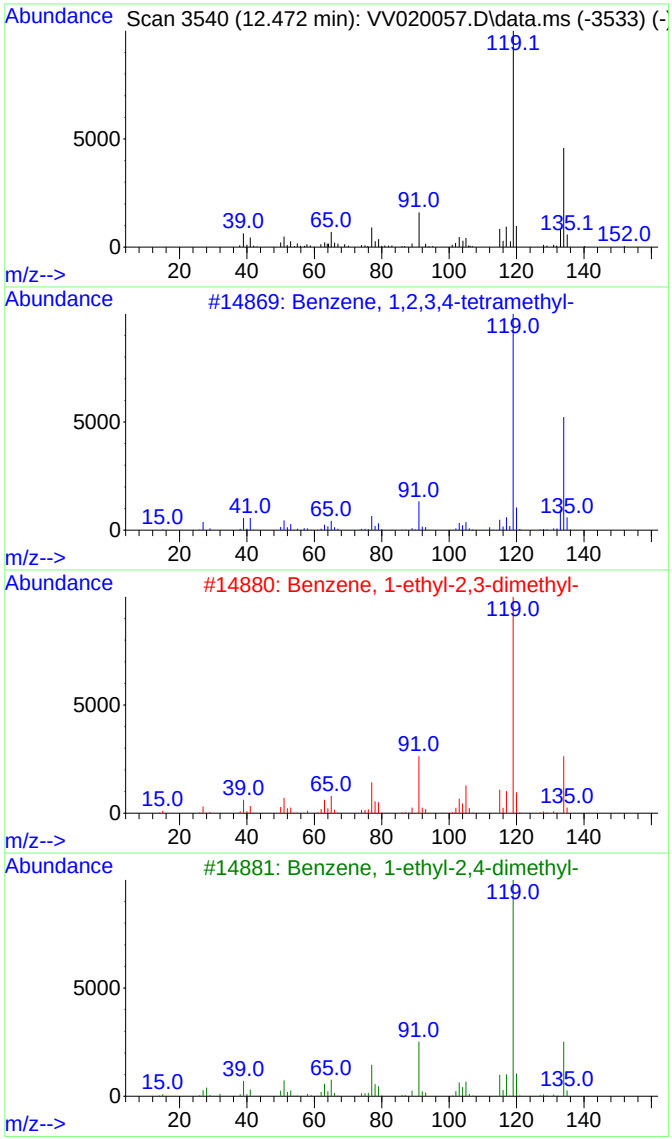
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

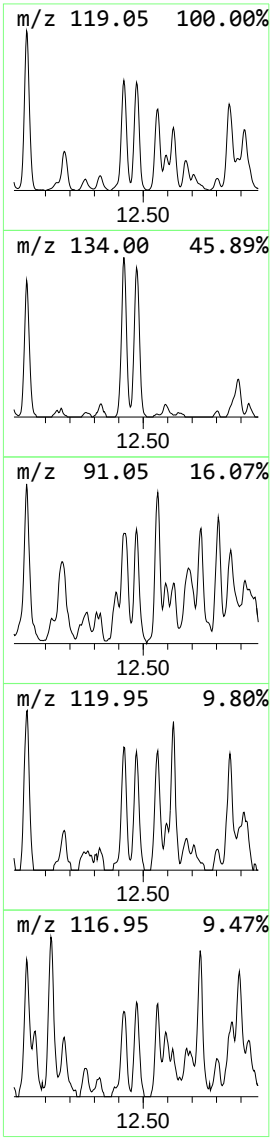
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.472	6.08 ug/L	124690	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	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

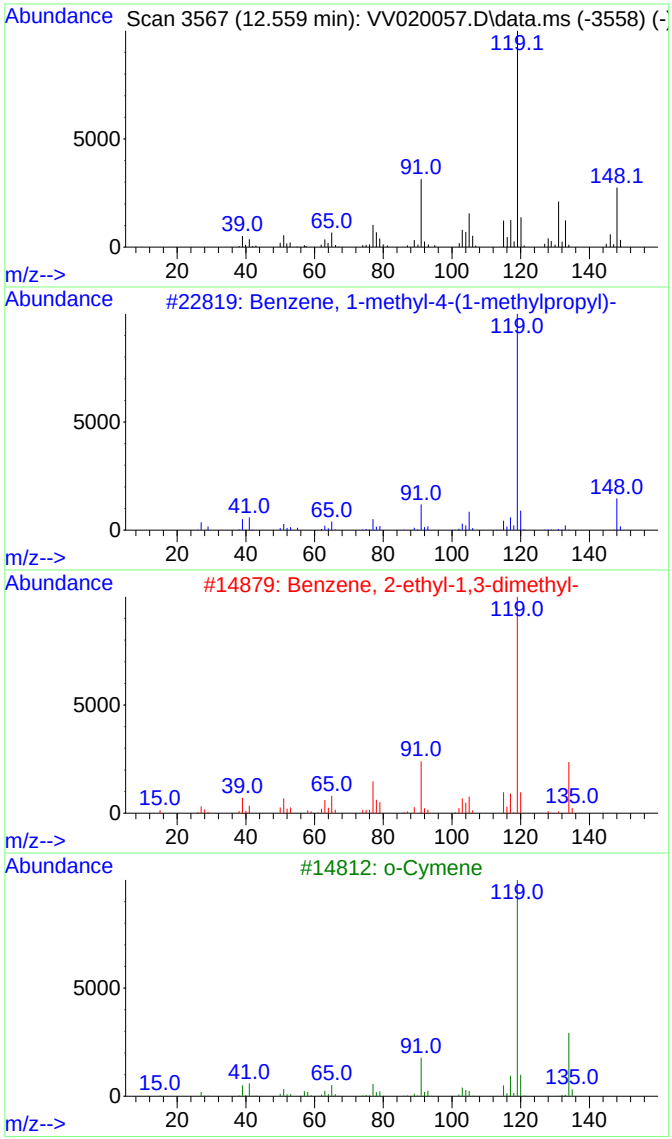
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

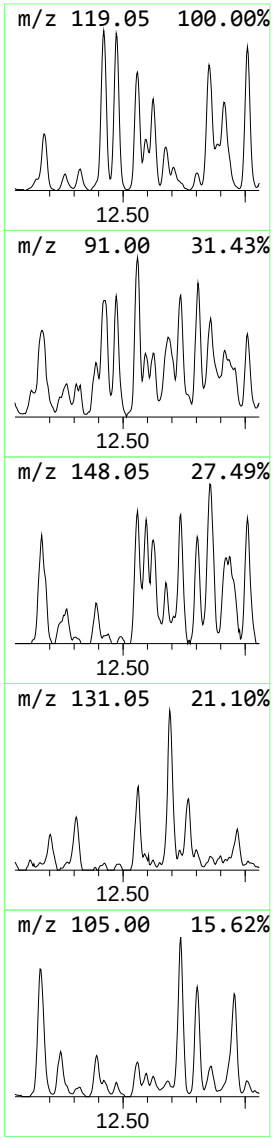
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.559	5.50 ug/L	112868	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	76
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

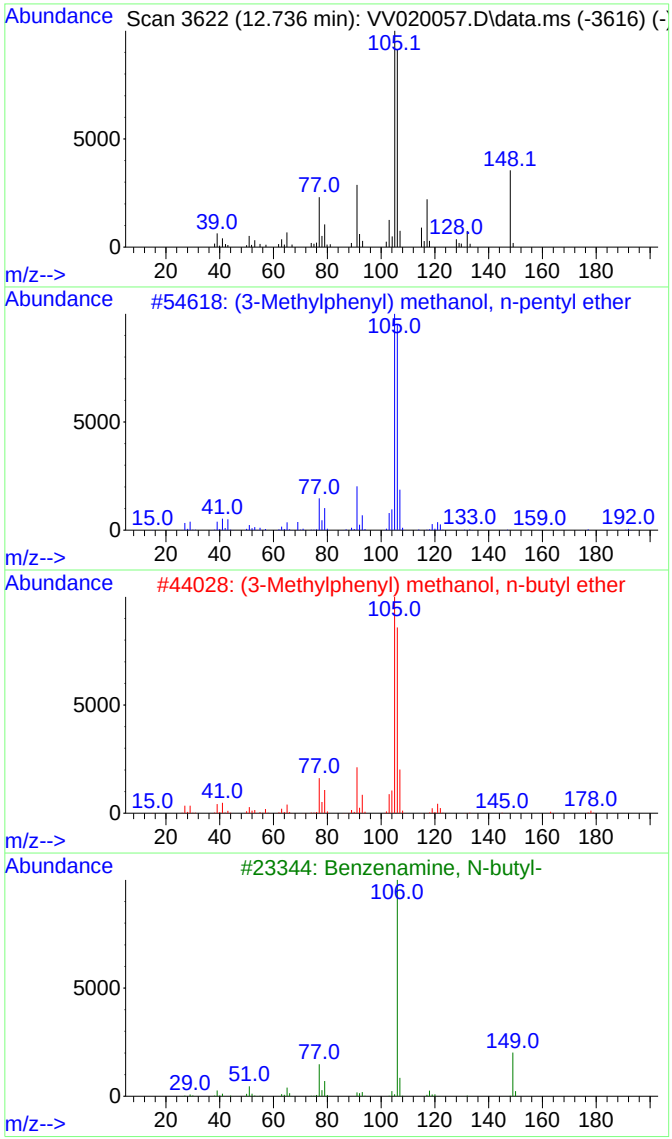
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

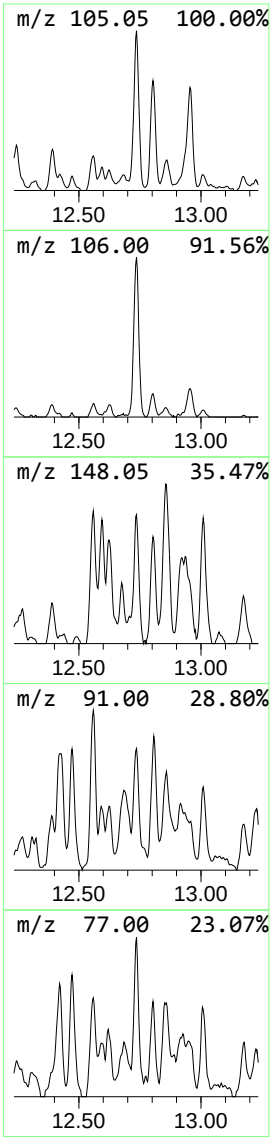
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (3-Methylphenyl) methanol, ... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.736	3.36 ug/L	68898	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methylphenyl) methanol, n-pen...	192	C13H20O	1000374-44-0	50
2	(3-Methylphenyl) methanol, n-but...	178	C12H18O	1000374-44-2	50
3	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	43
4	Benzenamine, N-ethyl-	121	C8H11N	000103-69-5	43
5	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

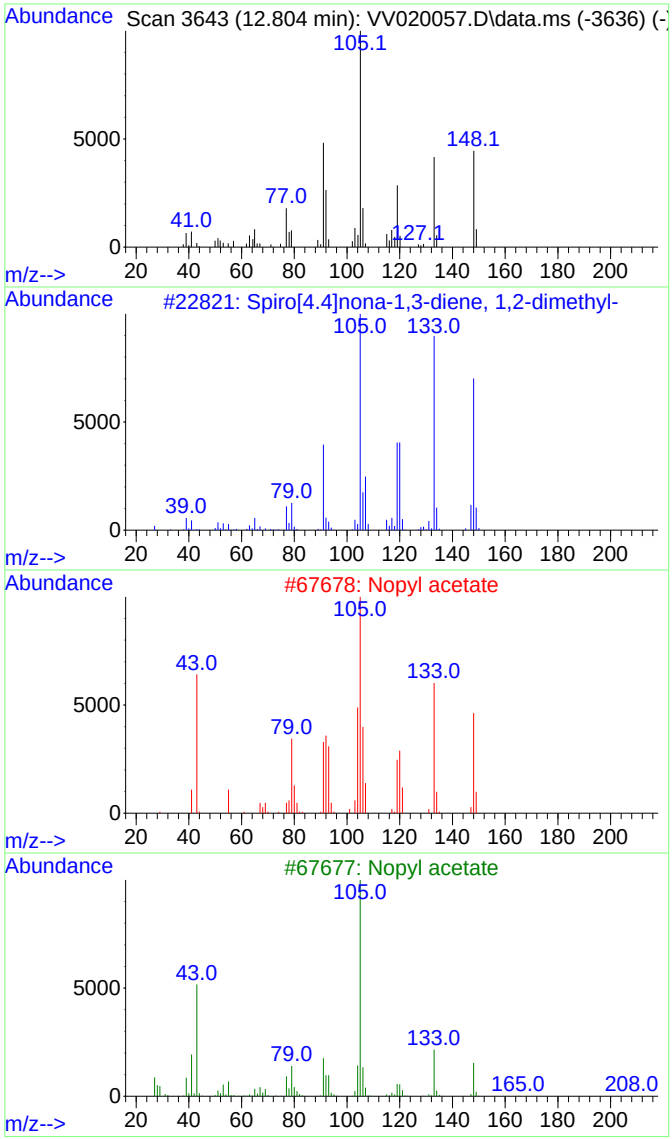
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

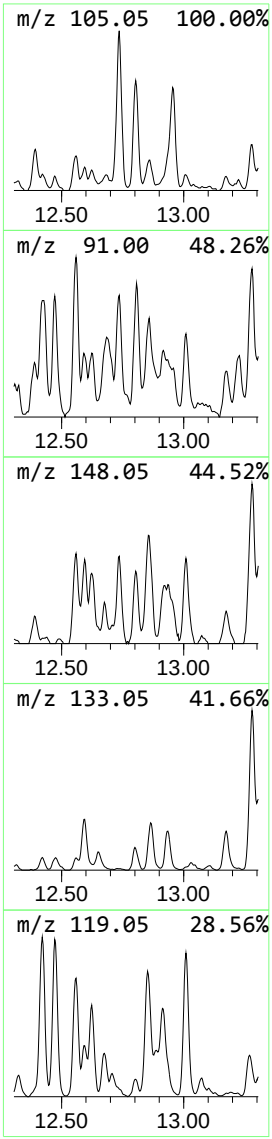
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Spiro[4.4]nona-1,3-diene, 1... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	2.67 ug/L	54754	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	80
2	Nopyl acetate	208	C13H20O2	000128-51-8	50
3	Nopyl acetate	208	C13H20O2	000128-51-8	42
4	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	40
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

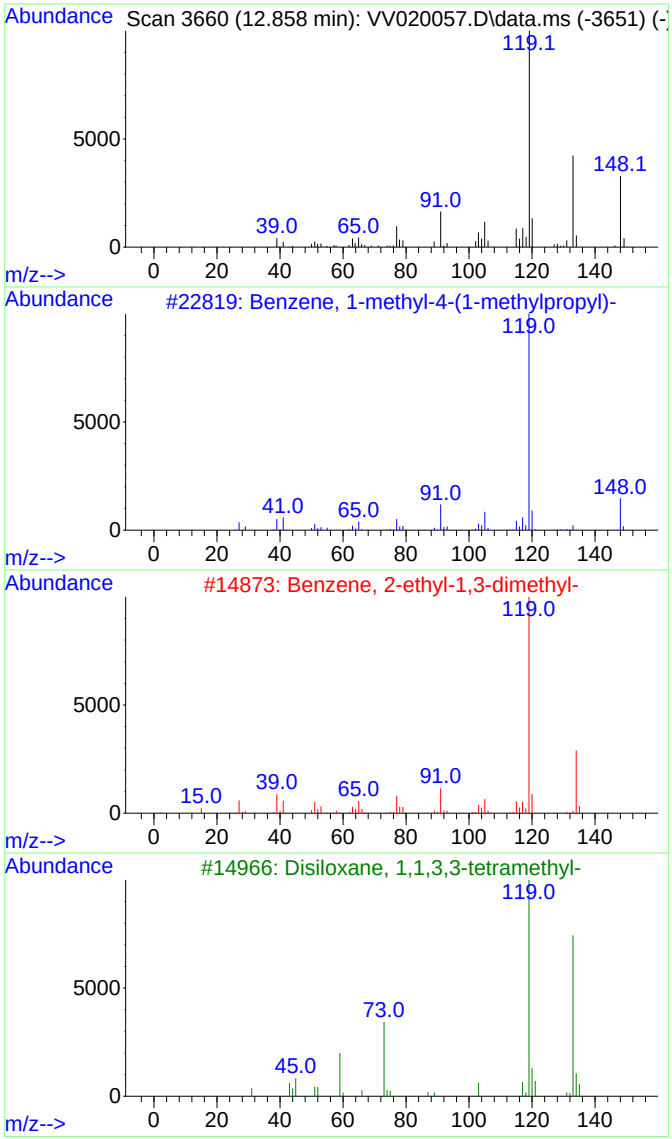
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

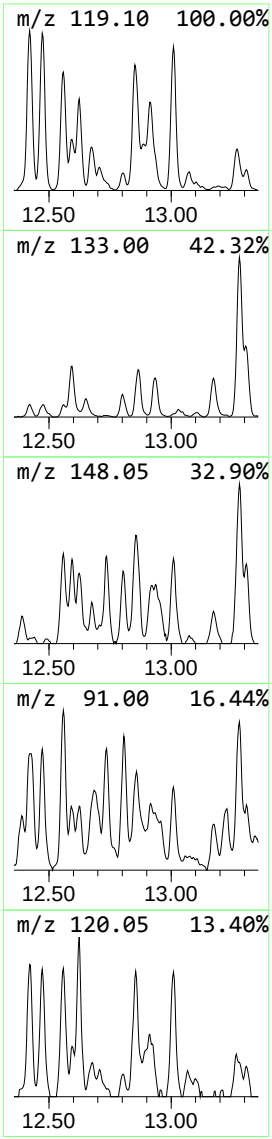
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.858	4.89 ug/L	100377	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	76
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	64
4	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	59
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

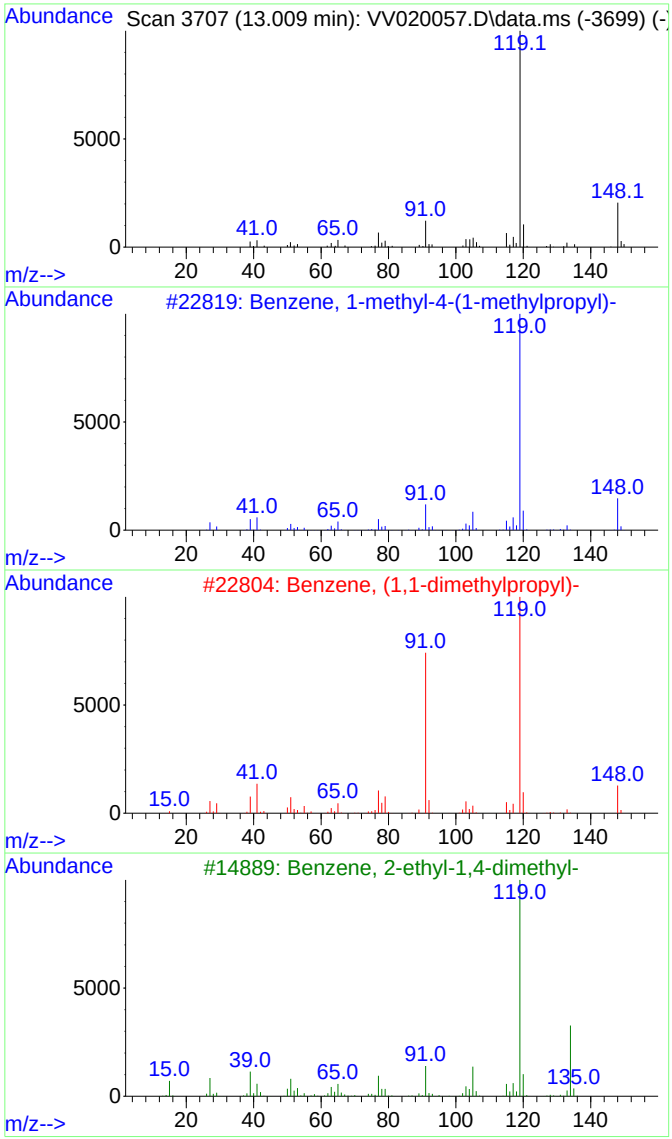
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

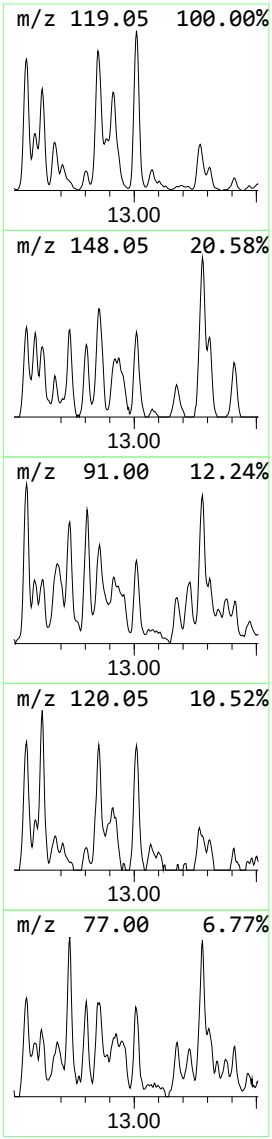
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, (1,1-dimethylpropyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.009	3.66 ug/L	75144	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	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	87
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

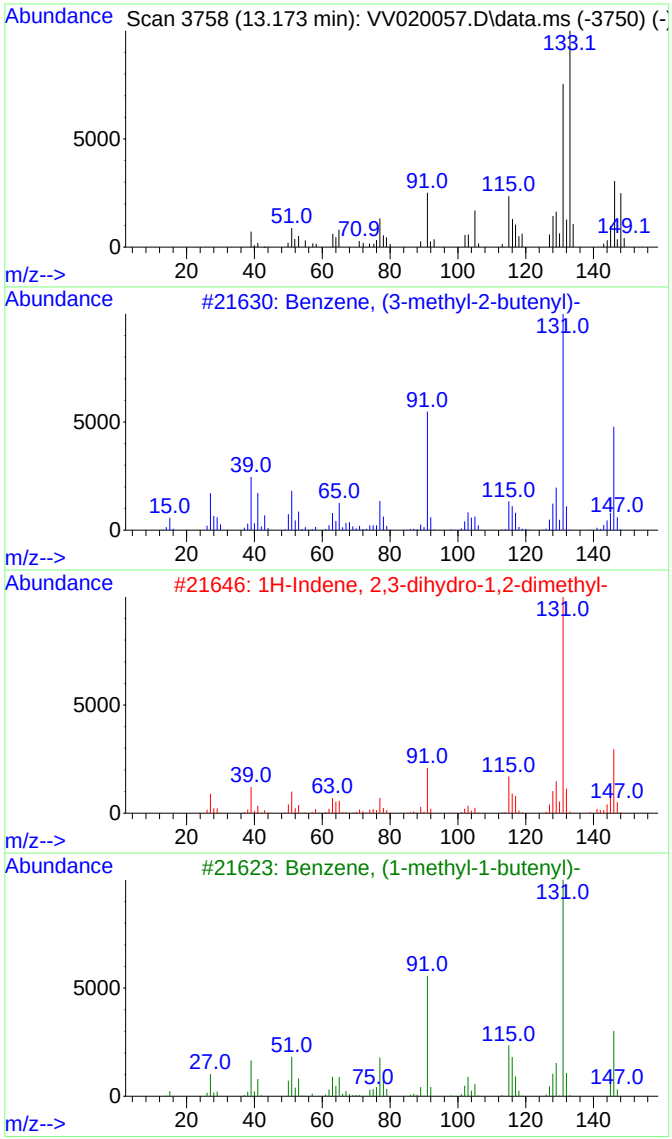
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

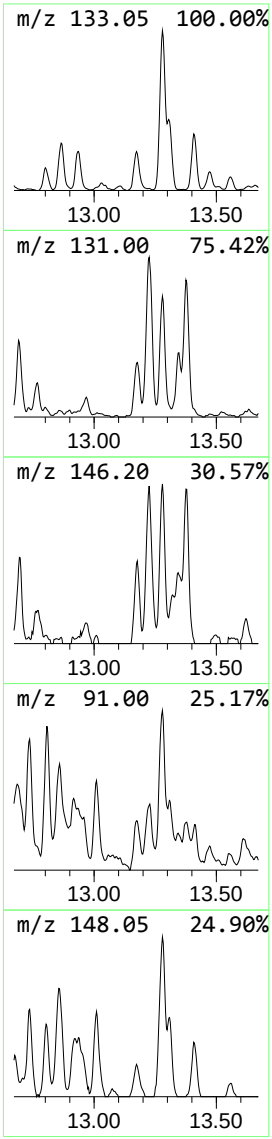
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, (3-methyl-2-butenyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	2.97 ug/L	60872	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

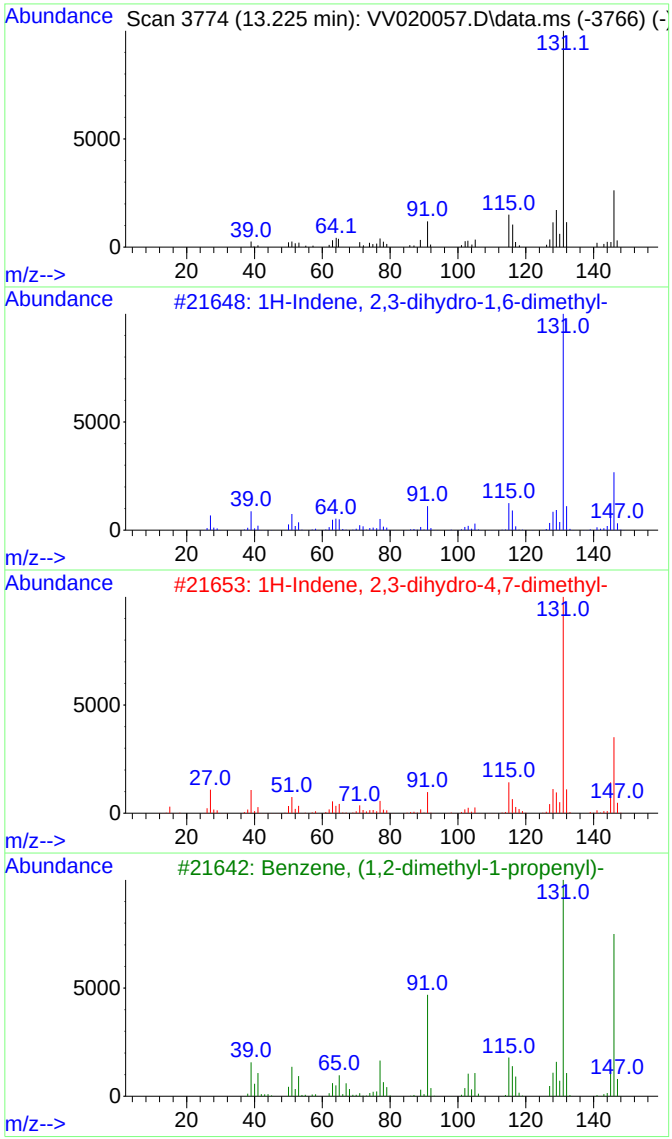
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

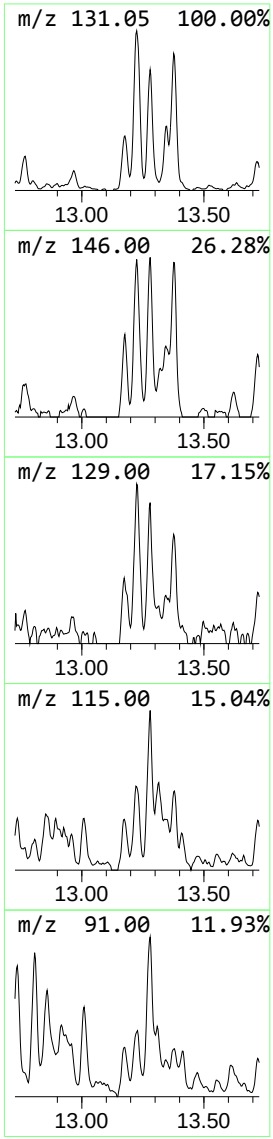
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.225	3.01 ug/L	61779	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

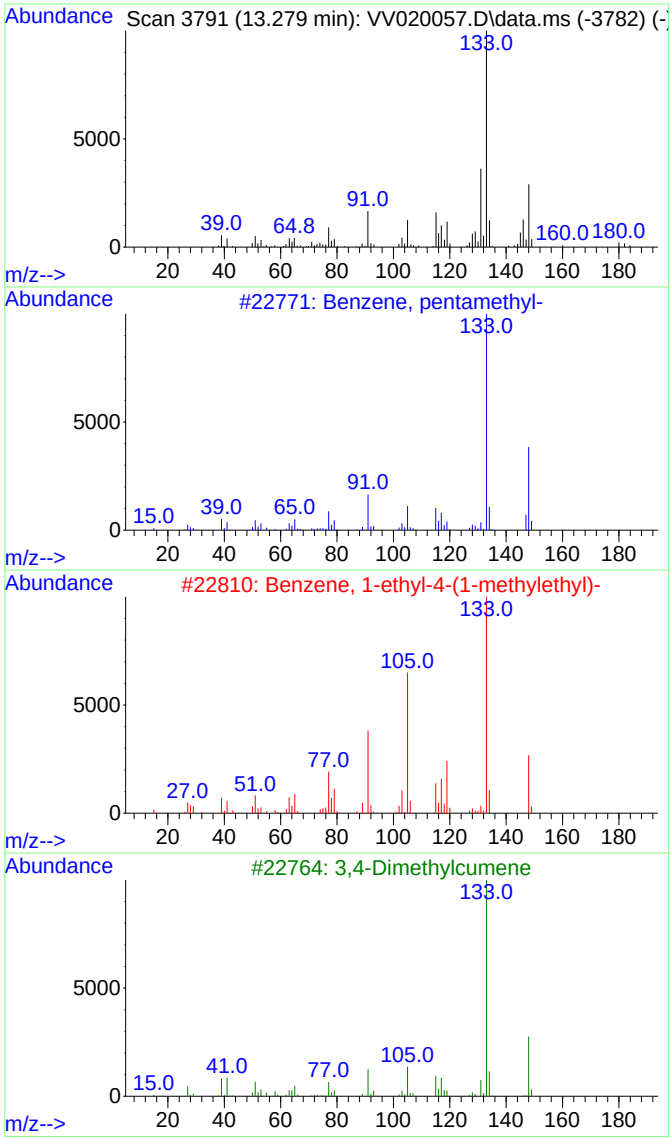
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

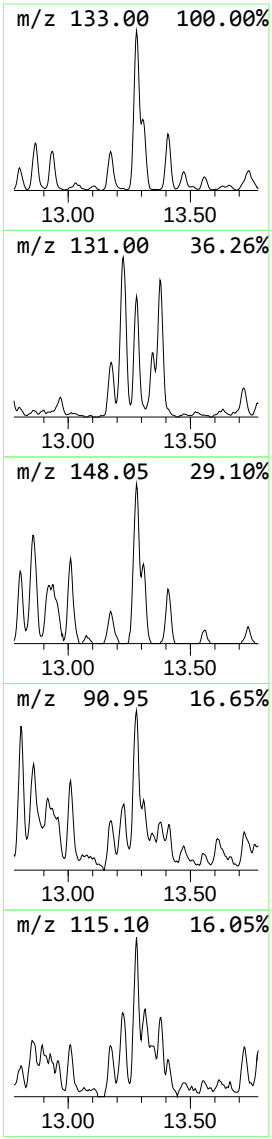
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.279	9.17 ug/L	188060	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	64
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

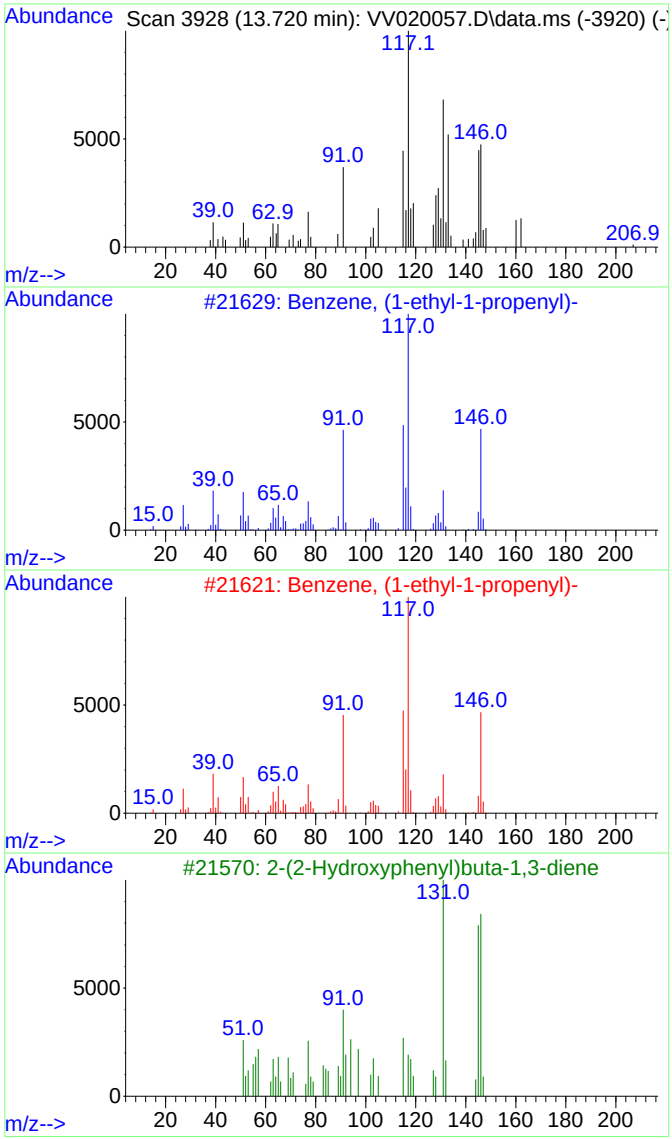
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

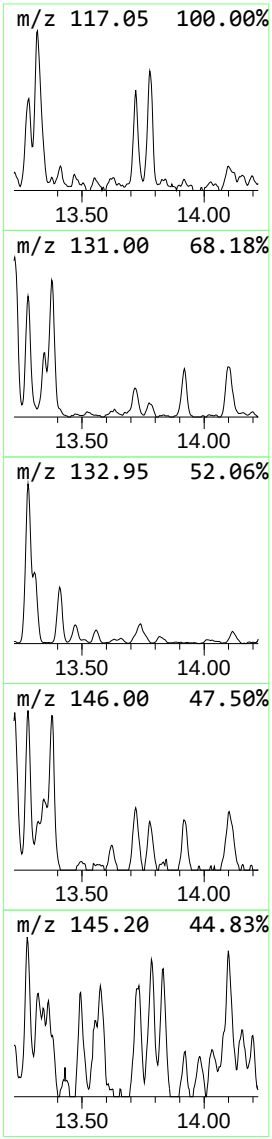
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.720	2.57 ug/L	52819	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	50
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	50
3	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	42
4	Benzene, cyclopentyl-	146	C11H14	000700-88-9	38
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
Data File : VV020057.D
Acq On : 19 Jan 2021 17:34
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y7

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...	1.109	7.5	ug/L	110804	1	5.621	743170	50.0
(DEL) Alkane: S...	2.534	51.2	ug/L	760832	1	5.621	743170	50.0
(DEL) Alkane: S...	2.765	95.1	ug/L	1413490	1	5.621	743170	50.0
(DEL) Alkane: S...	3.045	388.3	ug/L	5771630	1	5.621	743170	50.0
(DEL) Alkane: C...	3.769	221.4	ug/L	3290810	1	5.621	743170	50.0
(DEL) Alkane: S...	4.765	5.0	ug/L	74509	1	5.621	743170	50.0
(DEL) Alkane: S...	4.913	8.5	ug/L	126627	1	5.621	743170	50.0
(DEL) Alkane: S...	5.238	12.0	ug/L	177763	1	5.621	743170	50.0
(DEL) Alkane: S...	5.498	7.1	ug/L	104983	1	5.621	743170	50.0
(DEL) Alkane: S...	6.203	3.7	ug/L	55413	1	5.621	743170	50.0
(DEL) Alkane: S...	6.260	3.0	ug/L	44378	1	5.621	743170	50.0
(DEL) Alkane: C...	6.466	3.1	ug/L	46542	1	5.621	743170	50.0
(DEL) Alkane: S...	6.659	11.5	ug/L	170857	1	5.621	743170	50.0
(DEL) Alkane: S...	6.781	13.6	ug/L	202250	1	5.621	743170	50.0
(DEL) Alkane: S...	6.842	3.8	ug/L	56055	1	5.621	743170	50.0
(DEL) Alkane: S...	6.923	7.1	ug/L	104870	1	5.621	743170	50.0
(DEL) Alkane: S...	7.087	12.3	ug/L	182279	1	5.621	743170	50.0
(DEL) Alkane: C...	7.270	7.5	ug/L	139727	2	8.858	926336	50.0
(DEL) Alkane: S...	7.572	4.8	ug/L	89332	2	8.858	926336	50.0
(DEL) Alkane: C...	7.791	2.9	ug/L	53790	2	8.858	926336	50.0
(DEL) Alkane: S...	8.672	4.1	ug/L	75790	2	8.858	926336	50.0
(DEL) Alkane: S...	8.794	3.6	ug/L	67458	2	8.858	926336	50.0
(DEL) Alkane: S...	9.209	5.0	ug/L	92908	2	8.858	926336	50.0
Benzene, 1,4-di...	11.556	3.4	ug/L	69964	3	11.257	1025940	50.0
Benzene, (1-met...	11.826	5.5	ug/L	113010	3	11.257	1025940	50.0
o-Cymene	11.919	4.4	ug/L	89976	3	11.257	1025940	50.0
Benzene, 1-meth...	12.022	8.3	ug/L	169788	3	11.257	1025940	50.0
Benzene, 1,2,3,...	12.421	5.1	ug/L	105549	3	11.257	1025940	50.0
Benzene, 1,2,3,...	12.472	6.1	ug/L	124690	3	11.257	1025940	50.0
Benzene, 1-meth...	12.559	5.5	ug/L	112868	3	11.257	1025940	50.0
(3-Methylphenyl...	12.736	3.4	ug/L	68898	3	11.257	1025940	50.0
Spiro[4.4]nona-...	12.804	2.7	ug/L	54754	3	11.257	1025940	50.0
Benzene, 2-ethy...	12.858	4.9	ug/L	100377	3	11.257	1025940	50.0
Benzene, (1,1-d...	13.009	3.7	ug/L	75144	3	11.257	1025940	50.0
Benzene, (3-met...	13.173	3.0	ug/L	60872	3	11.257	1025940	50.0
1H-Indene, 2,3-...	13.225	3.0	ug/L	61779	3	11.257	1025940	50.0
Benzene, pentam...	13.279	9.2	ug/L	188060	3	11.257	1025940	50.0
Benzene, (1-eth...	13.720	2.6	ug/L	52819	3	11.257	1025940	50.0