LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018591.D
Acq On : 07 Apr 2021 19:18
Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

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_W\Method\SOM2WLM031921S.M
Title : VOC Analysis

Signal : TIC: VW018591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	4	9	22	rBV2	345275	641610	38.12%	4.404%
2	2.093	27	31	37	rVB3	10488	20536	1.22%	0.141%
3	2.172	39	44	56	rBV2	21474	52099	3.10%	0.358%
4	2.361	62	75	86	rBV2	224320	642909	38.20%	4.413%
5	2.459	86	91	103	rVV	98382	193969	11.52%	1.331%
6	2.574	103	110	119	rVV	62952	133441	7.93%	0.916%
7	2.892	153	162	175	rBV	82980	221908	13.18%	1.523%
8	3.032	178	185	195	rBV3	34924	84544	5.02%	0.580%
9	3.306	221	230	237	rBV2	37132	80958	4.81%	0.556%
10	3.391	237	244	259	rVB3	47672	154134	9.16%	1.058%
11	3.593	268	277	292	rVB3	11521	38650	2.30%	0.265%
12	3.763	292	305	313	rBV4	21067	65093	3.87%	0.447%
13	3.855	313	320	336	rVV4	13504	44711	2.66%	0.307%
14	4.025	336	348	362	rVV2	127709	422307	25.09%	2.899%
15	4.141	362	367	380	rVV5	13185	46046	2.74%	0.316%
16	4.507	419	427	440	rVB3	17849	59077	3.51%	0.406%
17	4.775	458	471	484	rBV9	9341	37987	2.26%	0.261%
18	4.928	484	496	511	rBV6	16102	77870	4.63%	0.535%
19	5.172	526	536	539	rBV5	3898	8853	0.53%	0.061%
20	5.434	569	579	591	rVB8	7991	29956	1.78%	0.206%
21	5.641	608	613	618	rBV5	1698	3494	0.21%	0.024%
22	5.787	621	637	648	rVB6	19086	78239	4.65%	0.537%
23	5.946	652	663	674	rVB3	17158	49697	2.95%	0.341%
24	6.117	680	691	699	rBV5	7200	21338	1.27%	0.146%
25	6.220	699	708	715	rBV7	4168	14463	0.86%	0.099%
26	6.275	715	717	727	rVB6	2012	5251	0.31%	0.036%
27	6.434	741	743	749	rVB5	2059	2960	0.18%	0.020%
28	6.568	758	765	780	rVB4	8128	29155	1.73%	0.200%
29	6.732	783	792	794	rBV6	2686	6088	0.36%	0.042%
30	6.891	811	818	826	rBV7	3414	10659	0.63%	0.073%
31	7.086	840	850	873	rBV2	38258	153458	9.12%	1.053%
32	7.415	894	904	911	rBV9	3115	8470	0.50%	0.058%
33	7.549	916	926	933	rBV4	12427	36213	2.15%	0.249%
34	7.647	933	942	950	rBV	219773	541735	32.19%	3.719%
35	7.921	981	987	992	rBV6	4587	10437	0.62%	0.072%
36	8.000	996	1000	1012	rVB10	4291	14966	0.89%	0.103%

LSC Area Percent Report

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Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

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_W\Method\SOM2WLM031921S.M
Title : VOC Analysis

37	8.159	1017	1026	1033	rBV3	8329	19562	1.16%	0.134%
38	8.275	1033	1045	1061	rBV2	468508	1415963	84.13%	9.720%
39	8.397	1064	1065	1072	rVB7	1624	2640	0.16%	0.018%
40	8.525	1080	1086	1090	rBV3	5612	12644	0.75%	0.087%
41	8.586	1091	1096	1106	rVB8	12818	34100	2.03%	0.234%
42	8.695	1106	1114	1118	rBV4	10008	24194	1.44%	0.166%
43	8.842	1128	1138	1154	rBV	711174	1405220	83.49%	9.646%
44	9.092	1170	1179	1188	rVB8	7571	20366	1.21%	0.140%
45	9.274	1200	1209	1224	rBV	298574	618247	36.73%	4.244%
46	9.396	1224	1229	1238	rVB8	3924	10669	0.63%	0.073%
47	9.518	1246	1249	1254	rVB6	3230	5615	0.33%	0.039%
48	9.701	1274	1279	1282	rBV4	1994	3326	0.20%	0.023%
49	9.738	1282	1285	1288	rBV4	3251	5382	0.32%	0.037%
50	9.768	1288	1290	1301	rVB8	4934	11905	0.71%	0.082%
51	9.896	1301	1311	1315	rBV8	7714	20084	1.19%	0.138%
52	10.037	1327	1334	1341	rBV2	68426	119018	7.07%	0.817%
53	10.098	1341	1344	1353	rVB9	4374	8828	0.52%	0.061%
54	10.323	1369	1381	1388	rBV	674060	1189392	70.66%	8.165%
55	10.390	1388	1392	1396	rVB	19672	29642	1.76%	0.203%
56	10.506	1404	1411	1416	rVB9	8839	17249	1.02%	0.118%
57	10.579	1416	1423	1430	rBV2	46395	87161	5.18%	0.598%
58	10.707	1439	1444	1449	rVB2	14582	25546	1.52%	0.175%
59	10.780	1449	1456	1459	rBV7	6426	12746	0.76%	0.087%
60	10.853	1465	1468	1474	rVB7	3909	7329	0.44%	0.050%
61	10.927	1474	1480	1494	rBV	145691	265277	15.76%	1.821%
62	11.073	1500	1504	1510	rVV6	4841	7549	0.45%	0.052%
63	11.177	1518	1521	1526	rBV6	3641	5410	0.32%	0.037%
64	11.439	1560	1564	1571	rVB2	19368	30020	1.78%	0.206%
65	11.634	1587	1596	1603	rBV	975809	1683144	100.00%	11.554%
66	11.731	1606	1612	1618	rVB4	9985	17639	1.05%	0.121%
67	11.841	1623	1630	1634	rBV4	7069	13616	0.81%	0.093%
68	11.963	1647	1650	1658	rVB8	1916	4166	0.25%	0.029%
69	12.170	1678	1684	1692	rVB7	6662	16240	0.96%	0.111%
70	12.341	1708	1712	1715	rBV5	3830	5512	0.33%	0.038%
71	12.365	1715	1716	1723	rVB7	1859	2758	0.16%	0.019%
72	12.469	1726	1733	1740	rBV9	5572	12643	0.75%	0.087%
73	12.609	1747	1756	1763	rBV	53437	92717	5.51%	0.636%
74	12.695	1763	1770	1777	rBV	254273	419783	24.94%	2.882%
75	12.938	1805	1810	1812	rBV5	5011	7990	0.47%	0.055%
76	13.115	1836	1839	1844	rVB5	2222	2842	0.17%	0.020%

LSC Area Percent Report

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Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

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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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Title : VOC Analysis

77	13.262	1858	1863	1864	rBV4	4082	6473	0.38%	0.044%
78	13.292	1864	1868	1876	rVB7	7778	16707	0.99%	0.115%
79	13.402	1880	1886	1892	rVB8	7228	12783	0.76%	0.088%
80	13.505	1898	1903	1904	rBV4	4265	5230	0.31%	0.036%
81	13.560	1905	1912	1919	rBV	1021033	1667461	99.07%	11.446%
82	13.762	1940	1945	1948	rVV7	4904	8346	0.50%	0.057%
83	13.792	1948	1950	1953	rVV4	3196	4866	0.29%	0.033%
84	13.853	1953	1960	1968	rVV	586706	998462	59.32%	6.854%
85	13.944	1971	1975	1980	rVV7	4456	8962	0.53%	0.062%
86	14.018	1983	1987	1989	rVV3	2711	3278	0.19%	0.023%
87	14.072	1990	1996	2006	rVB2	13722	25183	1.50%	0.173%
88	14.328	2031	2038	2045	rBV6	8486	15069	0.90%	0.103%
89	14.499	2060	2066	2068	rBV7	1767	3229	0.19%	0.022%
90	14.627	2083	2087	2089	rBV3	2062	2787	0.17%	0.019%
91	14.725	2099	2103	2107	rVB5	2235	3352	0.20%	0.023%
92	14.865	2123	2126	2132	rVB8	2101	3182	0.19%	0.022%
93	14.956	2135	2141	2145	rBV5	1450	3061	0.18%	0.021%
94	15.097	2157	2164	2167	rBV7	1983	4332	0.26%	0.030%
95	15.176	2173	2177	2181	rBV4	3273	5098	0.30%	0.035%
96	15.438	2211	2220	2223	rVV3	8060	16078	0.96%	0.110%
97	15.548	2232	2238	2243	rVB8	2236	5361	0.32%	0.037%
98	15.682	2254	2260	2265	rBV7	2452	4619	0.27%	0.032%
99	15.767	2269	2274	2276	rBV4	2053	3130	0.19%	0.021%
100	15.798	2276	2279	2282	rVB5	2276	3275	0.19%	0.022%

Sum of corrected areas: 14567739

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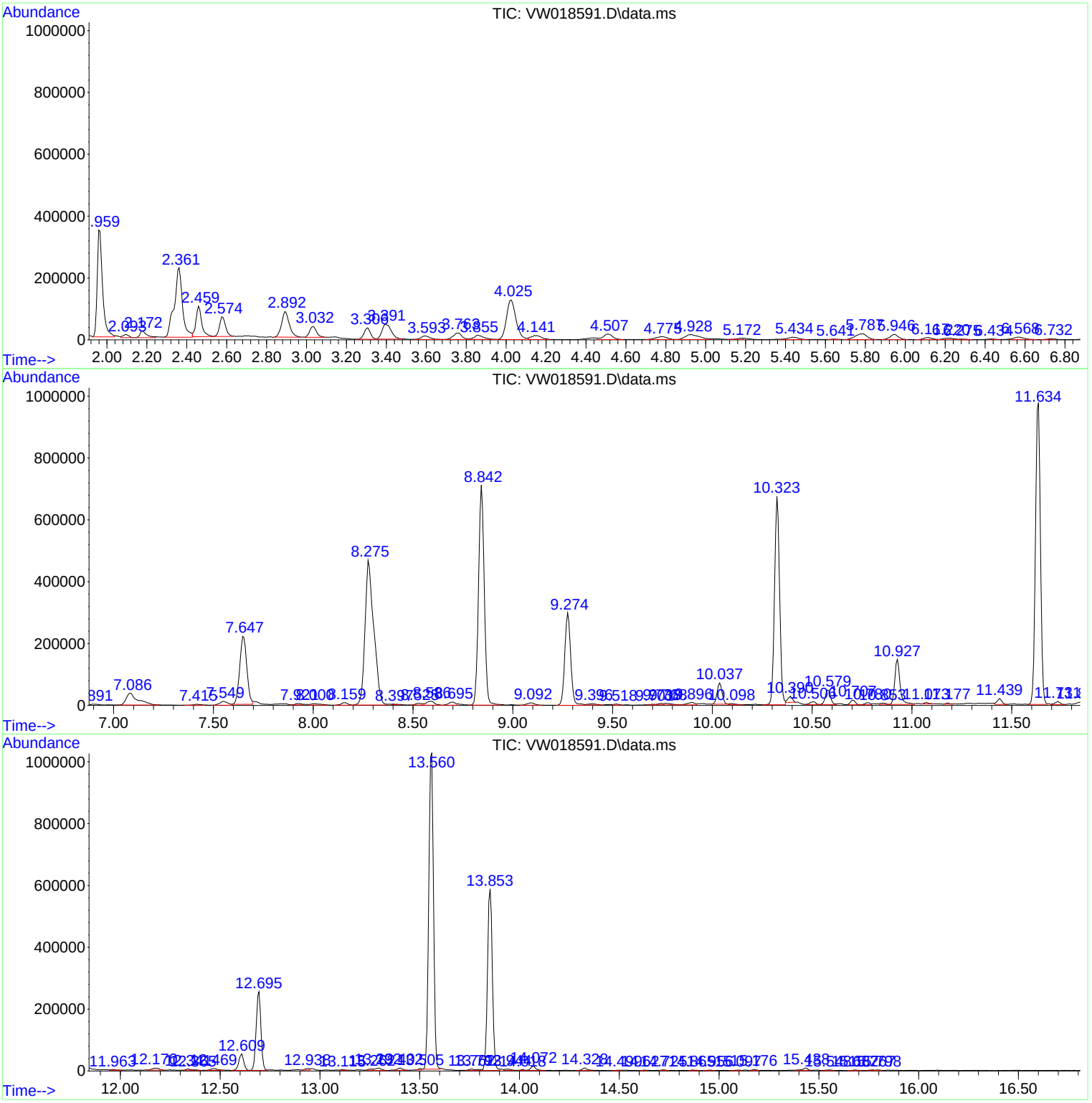
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5B3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



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Data File : VW018591.D
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Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

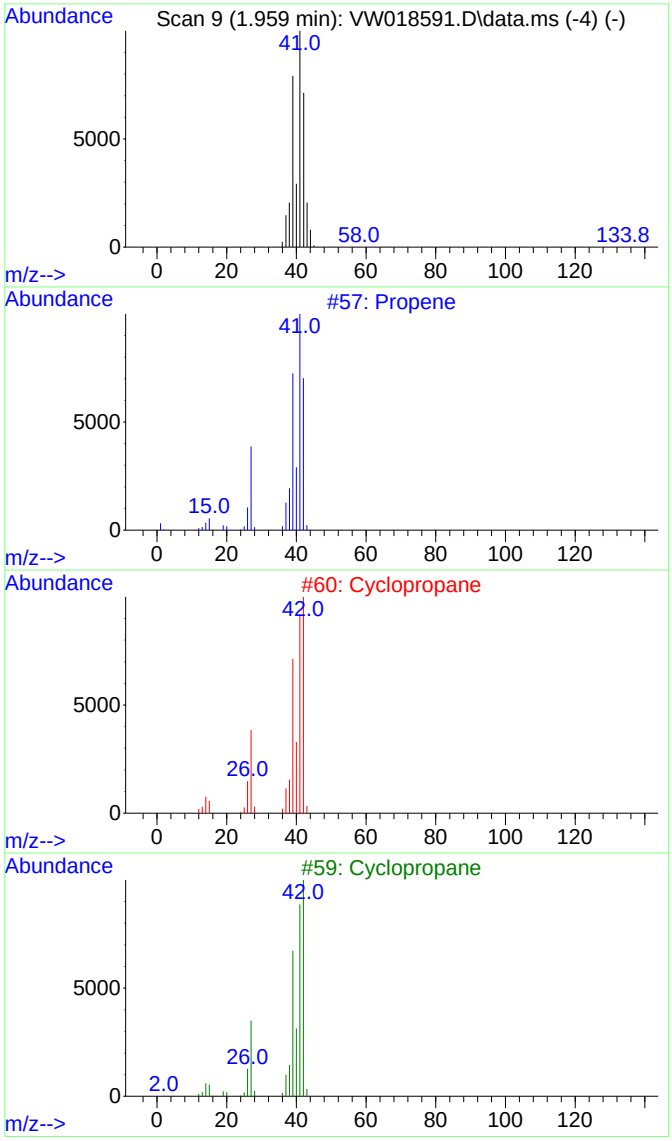
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

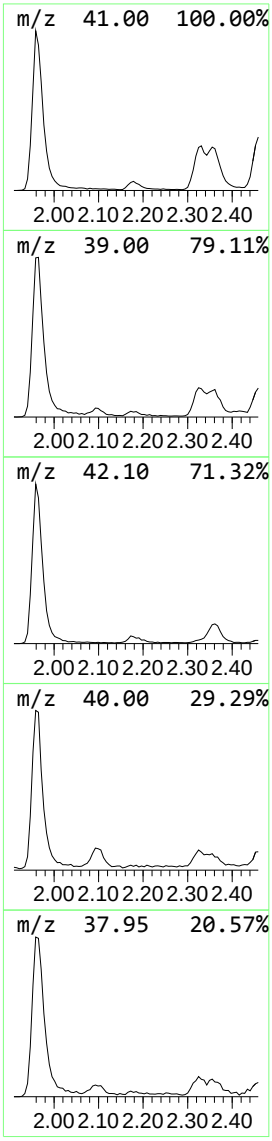
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.959	11.41 ug/L	641610	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	64
3	Cyclopropane	42	C3H6	000075-19-4	64
4	Propene	42	C3H6	000115-07-1	42
5	Cyclopropene	40	C3H4	002781-85-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018591.D
Acq On : 07 Apr 2021 19:18
Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5B3

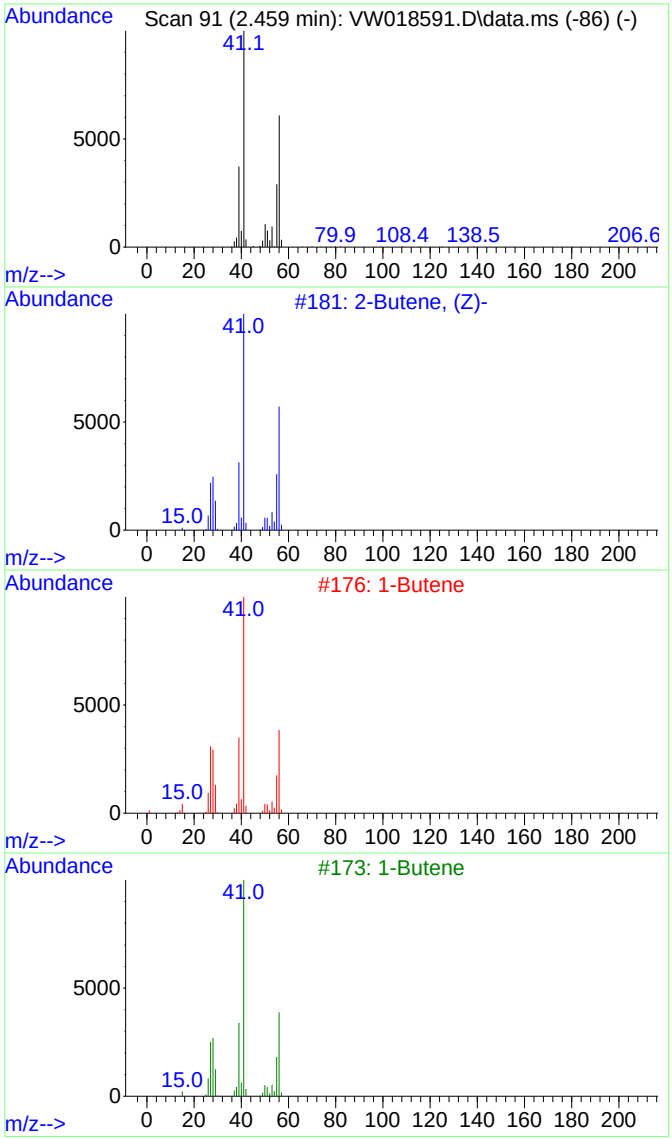
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

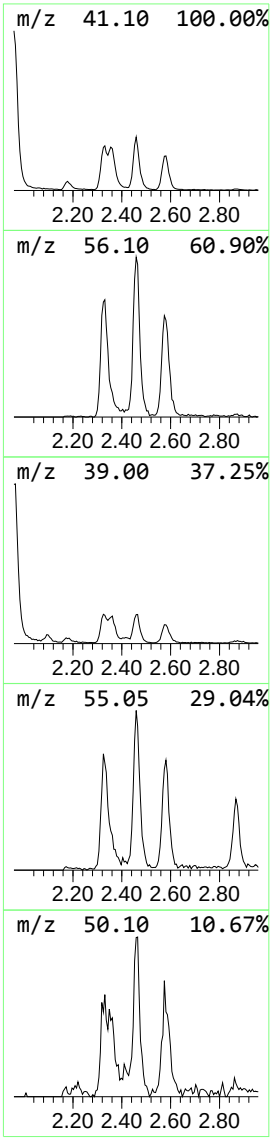
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.459	3.45 ug/L	193969	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (Z)-	56	C4H8	000590-18-1	74
2	1-Butene	56	C4H8	000106-98-9	74
3	1-Butene	56	C4H8	000106-98-9	74
4	1-Butene	56	C4H8	000106-98-9	74
5	Cyclobutane	56	C4H8	000287-23-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018591.D
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Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

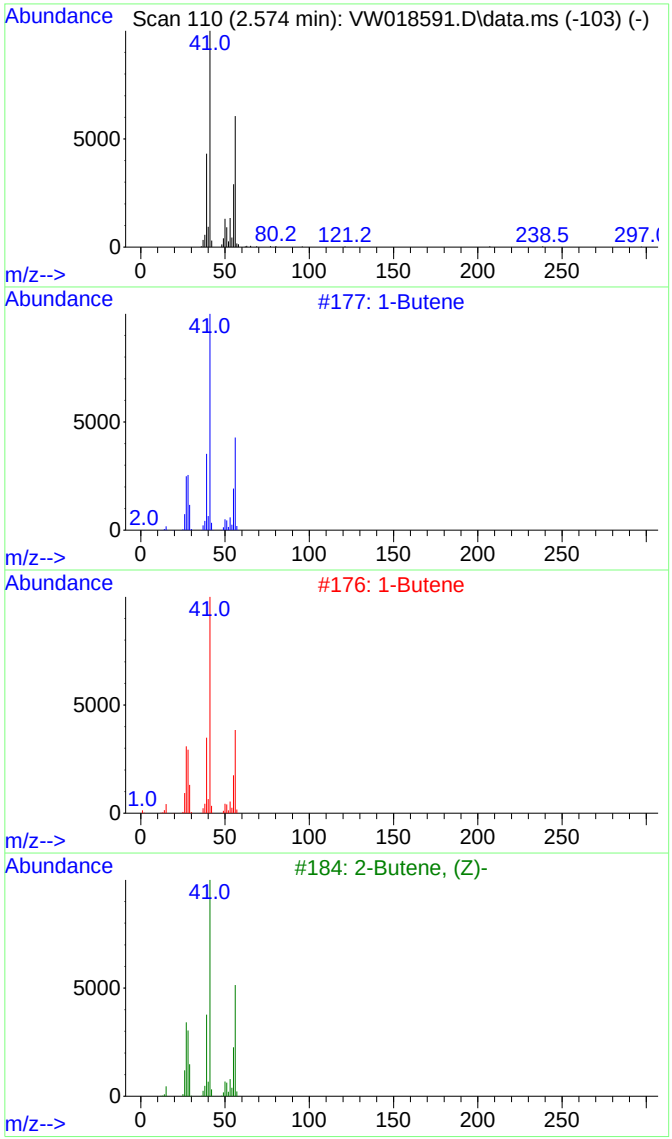
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

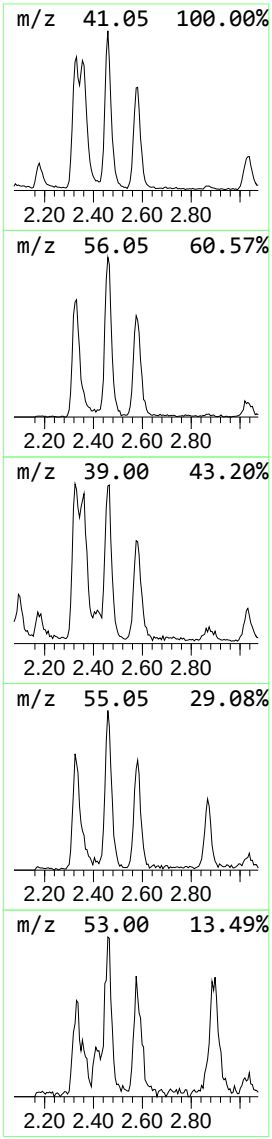
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.574	2.37 ug/L	133441	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	72
2	1-Butene	56	C4H8	000106-98-9	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	68
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	64
5	2-Butene, (E)-	56	C4H8	000624-64-6	64





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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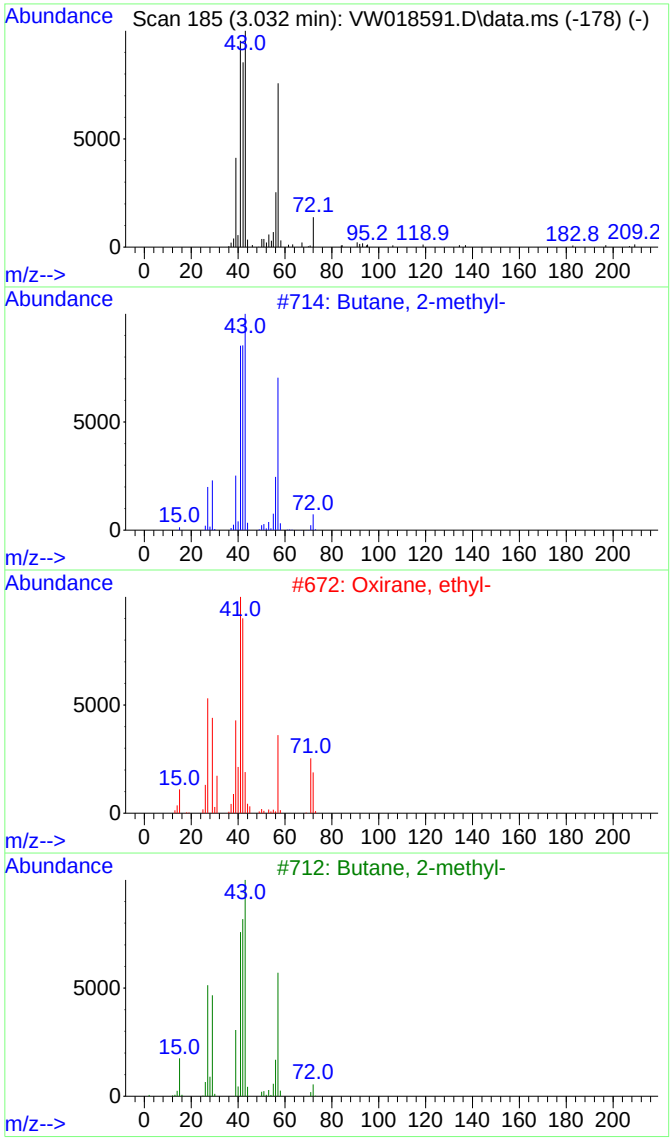
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

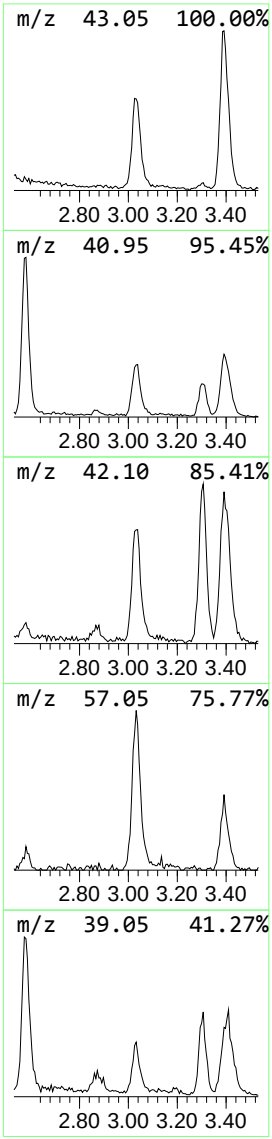
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.032	1.50 ug/L	84544	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
3	Butane, 2-methyl-	72	C5H12	000078-78-4	53
4	Butane, 2-methyl-	72	C5H12	000078-78-4	53
5	Pentane	72	C5H12	000109-66-0	38





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Data File : VW018591.D
Acq On : 07 Apr 2021 19:18
Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

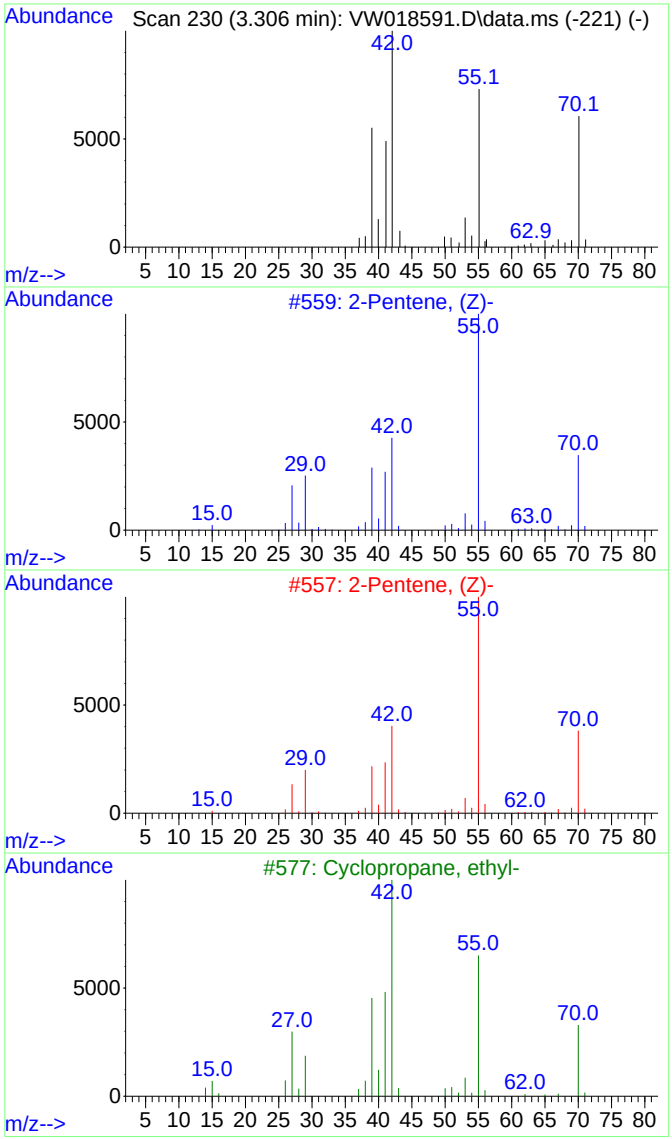
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

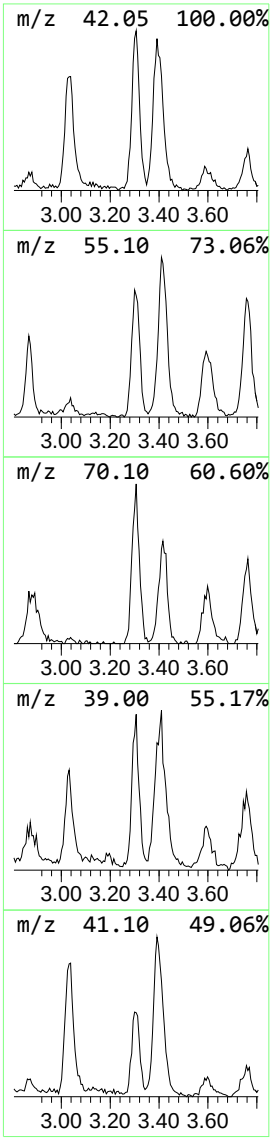
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.306	1.44 ug/L	80958	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	86
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018591.D
Acq On : 07 Apr 2021 19:18
Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

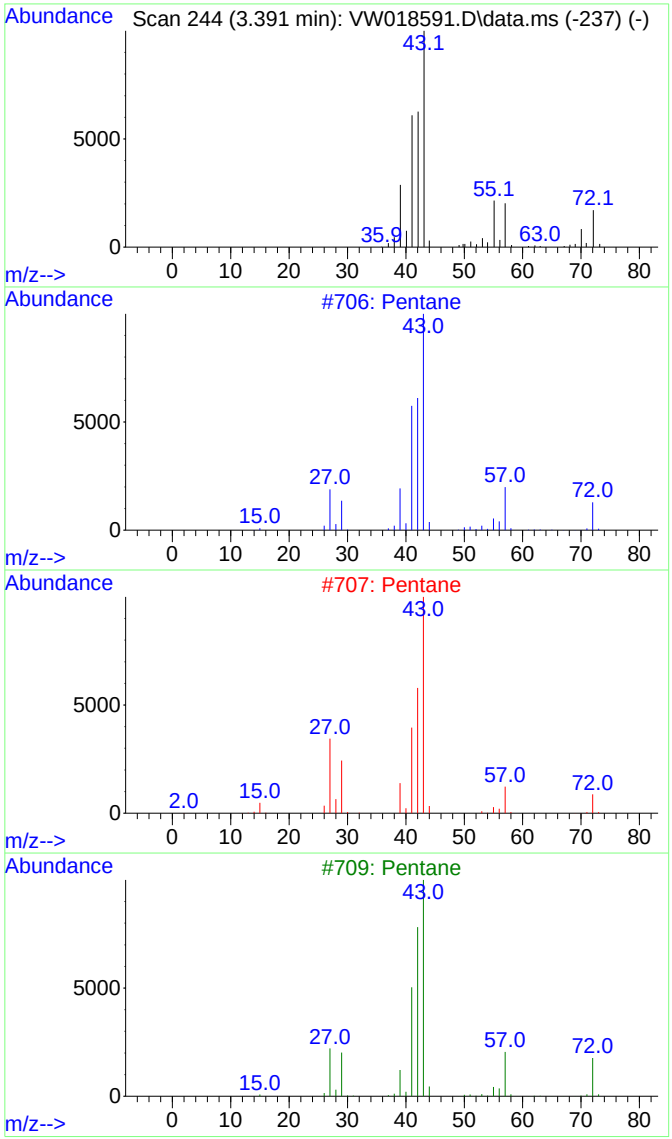
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

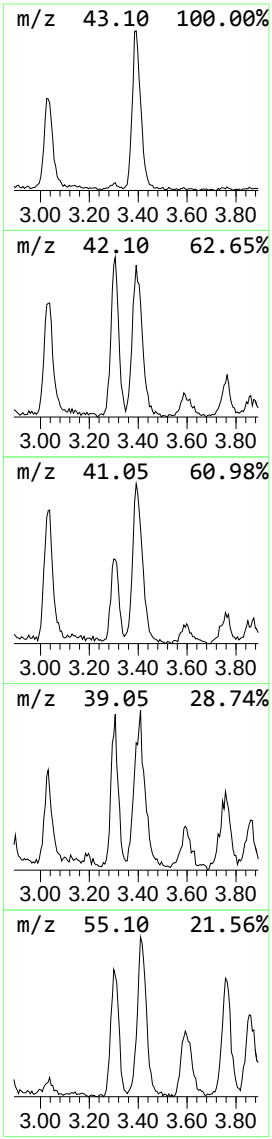
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.391	2.74 ug/L	154134	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	59
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018591.D
Acq On : 07 Apr 2021 19:18
Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

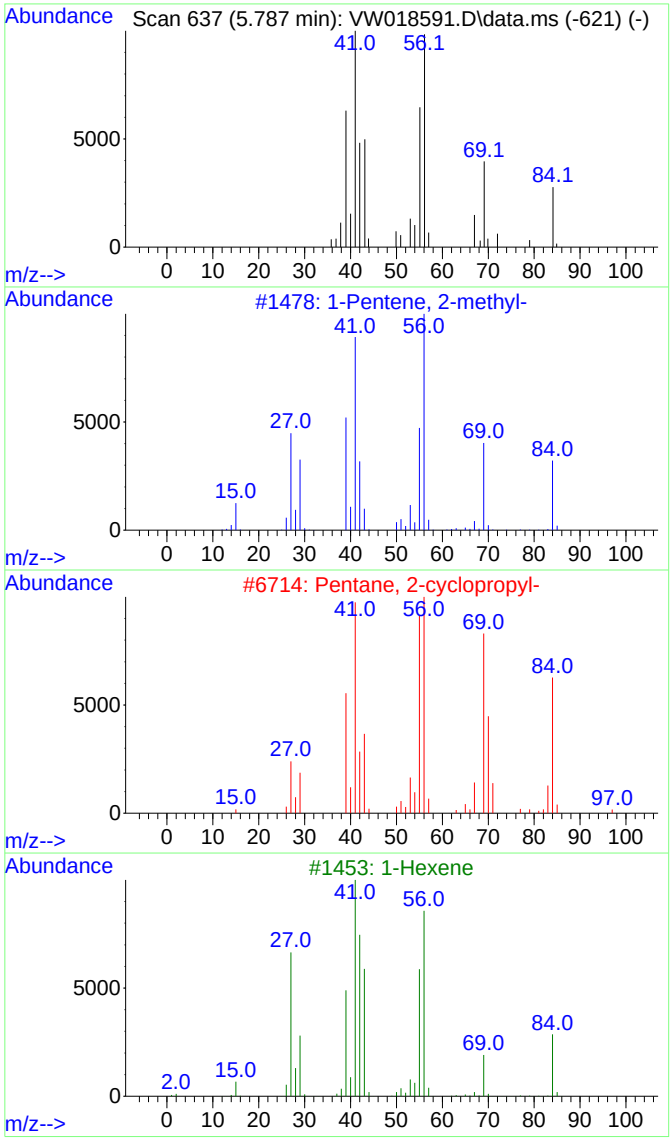
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

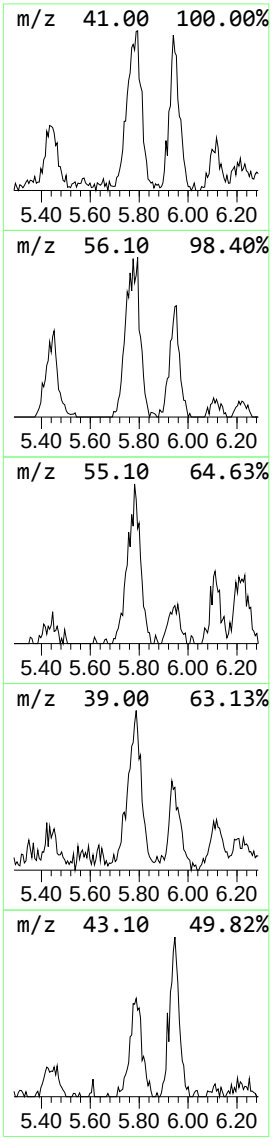
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.787	1.39 ug/L	78239	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	72
3	1-Hexene	84	C6H12	000592-41-6	64
4	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	59
5	1-Hexene	84	C6H12	000592-41-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018591.D
Acq On : 07 Apr 2021 19:18
Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5B3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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...	1.959	11.4	ug/L	641610	1	8.842	1405220	25.0
(DEL) Alkane: S...	2.459	3.5	ug/L	193969	1	8.842	1405220	25.0
(DEL) Alkane: S...	2.574	2.4	ug/L	133441	1	8.842	1405220	25.0
(DEL) Alkane: S...	3.032	1.5	ug/L	84544	1	8.842	1405220	25.0
(DEL) Alkane: S...	3.306	1.4	ug/L	80958	1	8.842	1405220	25.0
(DEL) Alkane: S...	3.391	2.7	ug/L	154134	1	8.842	1405220	25.0
(DEL) Alkane: S...	5.787	1.4	ug/L	78239	1	8.842	1405220	25.0