LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX040974.D
Acq On : 11 Apr 2024 13:13
Operator : JC/MD
Sample : P2048-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MC0R51

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_X\Method\SFAMXLM041024WMA.M
Title : VOC Analysis

Signal : TIC: VX040974.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.142	7	9	11	rBV	759	627	0.00%	0.000%
2	1.246	22	26	33	rBV	7333	15941	0.01%	0.002%
3	1.295	33	34	42	rVB7	1232	1666	0.00%	0.000%
4	1.368	42	46	57	rBV	133653	155818	0.05%	0.018%
5	1.447	57	59	63	rVV5	972	1481	0.00%	0.000%
6	1.544	70	75	82	rBV7	4146	8712	0.00%	0.001%
7	1.666	91	95	105	rBV	96601	144623	0.05%	0.017%
8	1.746	105	108	114	rVB2	8819	12964	0.00%	0.001%
9	1.953	137	142	148	rVB4	5278	8299	0.00%	0.001%
10	2.307	193	200	209	rBV	230697	375927	0.13%	0.043%
11	2.374	209	211	216	rVV2	4089	6564	0.00%	0.001%
12	2.422	216	219	224	rVV4	1374	2830	0.00%	0.000%
13	2.465	224	226	228	rVV4	609	754	0.00%	0.000%
14	2.514	228	234	250	rVB	23905	43591	0.01%	0.005%
15	2.794	273	280	285	rBV	14528	33065	0.01%	0.004%
16	2.861	285	291	302	rVV	54707	115844	0.04%	0.013%
17	2.953	302	306	309	rVB2	547	929	0.00%	0.000%
18	3.099	324	330	340	rVB6	2369	5140	0.00%	0.001%
19	3.440	380	386	396	rVB4	985	2457	0.00%	0.000%
20	3.599	409	412	415	rBV2	351	522	0.00%	0.000%
21	4.306	516	528	544	rBV	85160	260350	0.09%	0.030%
22	4.465	544	554	578	rBV2	57563	230328	0.08%	0.027%
23	5.093	639	657	680	rBV3	628667	2429234	0.83%	0.280%
24	5.257	682	684	688	rVB4	552	701	0.00%	0.000%
25	5.379	700	704	705	rBV2	400	484	0.00%	0.000%
26	5.404	705	708	709	rBV2	406	460	0.00%	0.000%
27	5.483	709	721	740	rVB2	36549	135147	0.05%	0.016%
28	5.867	776	784	789	rBV5	727	1854	0.00%	0.000%
29	6.159	791	832	834	rBV7	39165633	293600528	100.00%	33.855%
30	6.781	926	934	954	rVB	280351	653382	0.22%	0.075%
31	7.141	986	993	1009	rVB2	31188	73273	0.02%	0.008%
32	7.318	1013	1022	1030	rBV	213166	469472	0.16%	0.054%
33	7.665	1073	1079	1083	rBV5	3384	8180	0.00%	0.001%
34	7.891	1115	1116	1119	rBV3	660	689	0.00%	0.000%
35	7.995	1131	1133	1134	rBV2	553	458	0.00%	0.000%
36	8.116	1148	1153	1161	rVB7	2901	6684	0.00%	0.001%

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
MC0R51

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_X\Method\SFAMXLM041024WMA.M
Title : VOC Analysis

37	8.330	1182	1188	1202	rBV	141301	236203	0.08%	0.027%
38	8.421	1202	1203	1209	rVB6	1282	1228	0.00%	0.000%
39	8.501	1214	1216	1220	rBV5	825	1118	0.00%	0.000%
40	8.586	1227	1230	1234	rVB3	1085	1377	0.00%	0.000%
41	8.653	1234	1241	1248	rBV	552016	895025	0.30%	0.103%
42	8.726	1248	1253	1266	rVB	95679	165792	0.06%	0.019%
43	8.903	1280	1282	1285	rVB4	524	551	0.00%	0.000%
44	8.952	1285	1290	1303	rBV	96592	155775	0.05%	0.018%
45	9.281	1338	1344	1352	rVB	48522	80438	0.03%	0.009%
46	9.397	1356	1363	1382	rBV2	188369	489297	0.17%	0.056%
47	9.634	1398	1402	1406	rVB5	612	861	0.00%	0.000%
48	10.165	1467	1489	1492	rBV5	46415597	285710947	97.31%	32.945%
49	10.336	1512	1517	1529	rBV4	19254	69543	0.02%	0.008%
50	10.653	1566	1569	1576	rVB6	3507	6652	0.00%	0.001%
51	11.006	1625	1627	1630	rVB3	736	650	0.00%	0.000%
52	11.049	1632	1634	1636	rVV3	809	576	0.00%	0.000%
53	11.085	1636	1640	1646	rVB	12076	16407	0.01%	0.002%
54	11.195	1652	1658	1670	rBV2	528281	750890	0.26%	0.087%
55	11.317	1673	1678	1682	rVV	17784	26043	0.01%	0.003%
56	11.366	1682	1686	1693	rVV	42186	59306	0.02%	0.007%
57	11.421	1693	1695	1697	rVV3	1528	1813	0.00%	0.000%
58	11.463	1697	1702	1712	rVB	27362	43528	0.01%	0.005%
59	11.671	1732	1736	1739	rBV4	1398	1602	0.00%	0.000%
60	11.713	1740	1743	1745	rBV4	424	507	0.00%	0.000%
61	11.762	1748	1751	1755	rBV3	1480	2226	0.00%	0.000%
62	11.860	1764	1767	1771	rVB4	1153	1444	0.00%	0.000%
63	11.896	1771	1773	1777	rBV5	481	639	0.00%	0.000%
64	11.976	1779	1786	1792	rBV	7400699	10813789	3.68%	1.247%
65	12.079	1792	1803	1807	rBV2	51066548	147763037	50.33%	17.039%
66	12.366	1839	1850	1854	rBV	48405238	111780757	38.07%	12.889%
67	12.707	1902	1906	1911	rVV3	3582	5496	0.00%	0.001%
68	12.762	1911	1915	1920	rVB2	5027	7267	0.00%	0.001%
69	12.920	1937	1941	1949	rVB	59913	79192	0.03%	0.009%
70	13.000	1952	1954	1960	rVB6	1640	2284	0.00%	0.000%
71	13.061	1960	1964	1966	rBV	3465	5291	0.00%	0.001%
72	13.103	1966	1971	1983	rVV	2827453	3360565	1.14%	0.388%
73	13.195	1983	1986	1993	rVB	31414	45356	0.02%	0.005%
74	13.445	2024	2027	2031	rVB3	2149	2838	0.00%	0.000%
75	13.585	2045	2050	2060	rBV	4263296	5349785	1.82%	0.617%
76	13.780	2077	2082	2088	rVB	10521	15059	0.01%	0.002%

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ClientSampleId :
MC0R51

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Title : VOC Analysis

77	13.872	2093	2097	2098	rVB4	832	1094	0.00%	0.000%
78	13.963	2105	2112	2120	rBV	254108	338892	0.12%	0.039%
79	14.036	2122	2124	2126	rVV3	827	685	0.00%	0.000%
80	14.061	2126	2128	2130	rVB3	747	593	0.00%	0.000%
81	14.134	2135	2140	2142	rBV	3971	5582	0.00%	0.001%
82	14.164	2142	2145	2153	rVB2	4088	6218	0.00%	0.001%
83	14.262	2156	2161	2170	rBV	39446	54710	0.02%	0.006%
84	14.347	2171	2175	2178	rBV3	3415	4660	0.00%	0.001%
85	14.780	2240	2246	2252	rBV	13459	19261	0.01%	0.002%
86	14.981	2277	2279	2283	rVB6	543	545	0.00%	0.000%
87	15.030	2286	2287	2292	rBV4	518	619	0.00%	0.000%
88	15.249	2318	2323	2330	rBV2	15502	21795	0.01%	0.003%
89	15.304	2330	2332	2337	rVB6	499	681	0.00%	0.000%
90	15.341	2337	2338	2341	rVB3	728	588	0.00%	0.000%
91	15.390	2341	2346	2351	rBV6	1837	3857	0.00%	0.000%
92	15.664	2389	2391	2393	rVB2	582	449	0.00%	0.000%
93	15.816	2413	2416	2419	rBV4	449	615	0.00%	0.000%
94	15.944	2432	2437	2441	rBV7	617	1010	0.00%	0.000%
95	16.103	2460	2463	2466	rBV4	468	755	0.00%	0.000%
96	16.274	2489	2491	2493	rBV3	592	456	0.00%	0.000%
97	16.316	2495	2498	2499	rVV3	470	492	0.00%	0.000%
98	16.359	2503	2505	2506	rBV2	502	474	0.00%	0.000%
99	16.438	2517	2518	2523	rVB5	744	1027	0.00%	0.000%
100	16.493	2523	2527	2528	rBV3	509	692	0.00%	0.000%

Sum of corrected areas: 867225882

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ClientSampleId :
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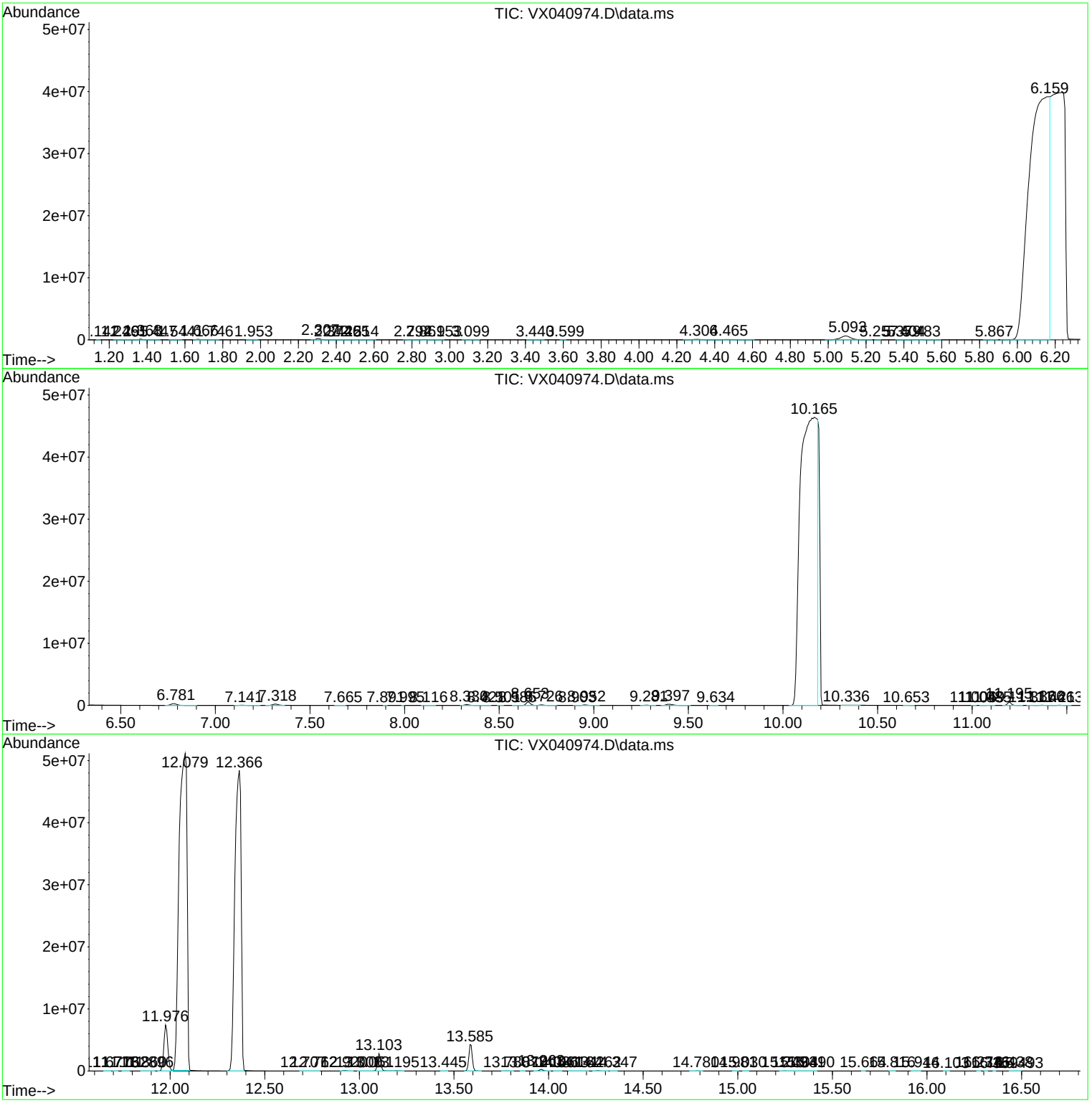
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis

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



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MC0R51

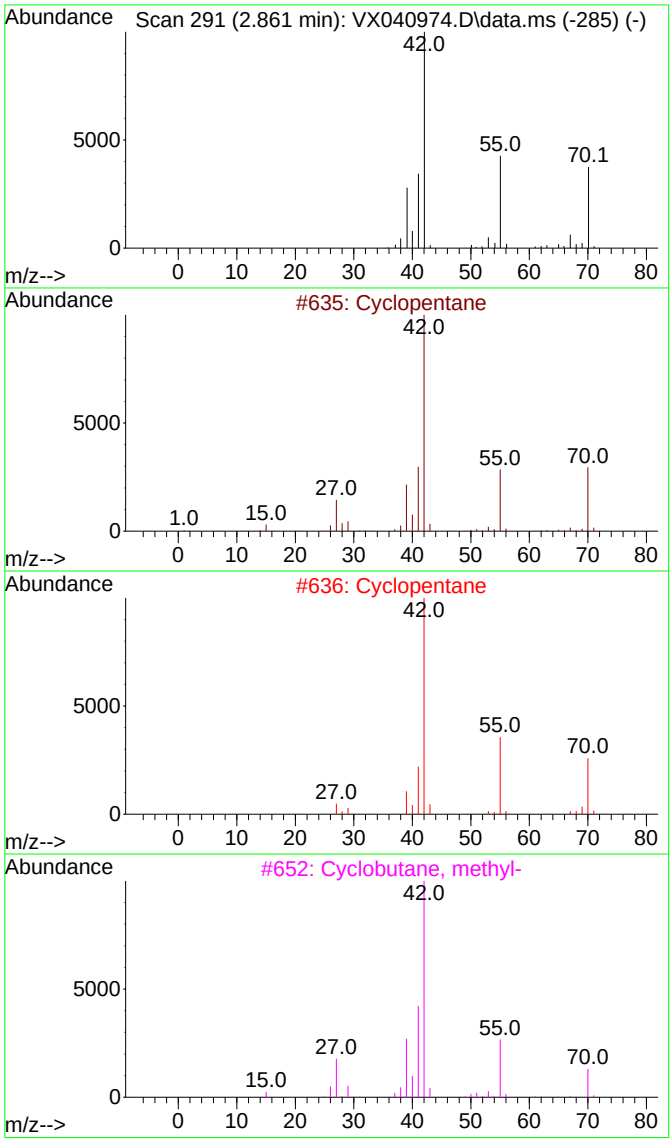
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis

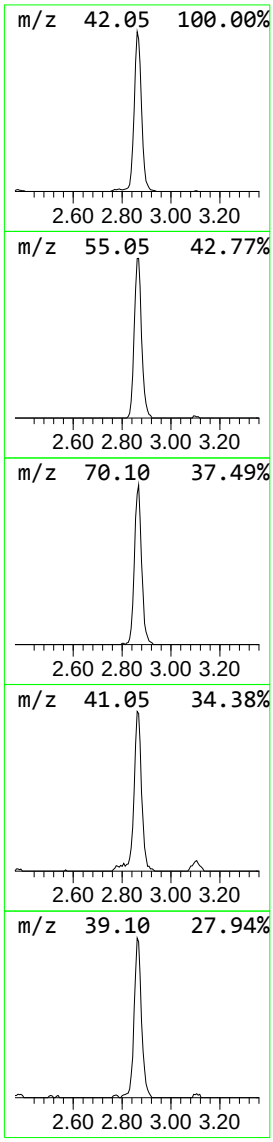
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.861 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.861	8.86 ug/L	115844	1,4-Difluorobenzene	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclopentane	70	C5H10	000287-92-3	80
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
4	1-Pentene	70	C5H10	000109-67-1	72
5	Cyclopentane	70	C5H10	000287-92-3	72





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MC0R51

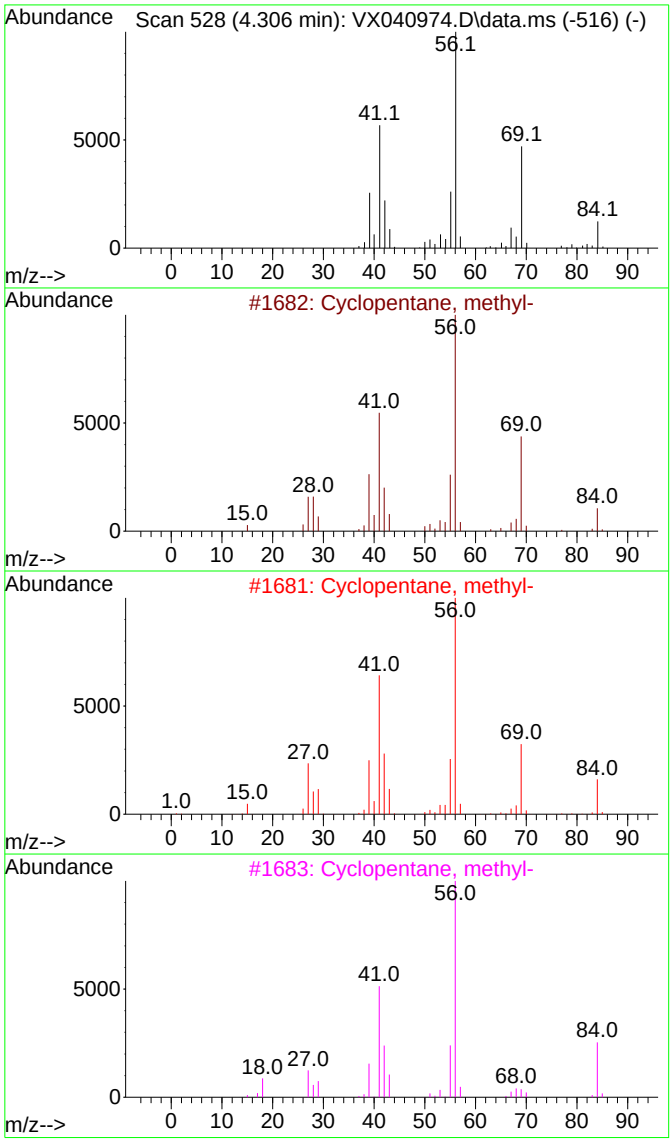
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis

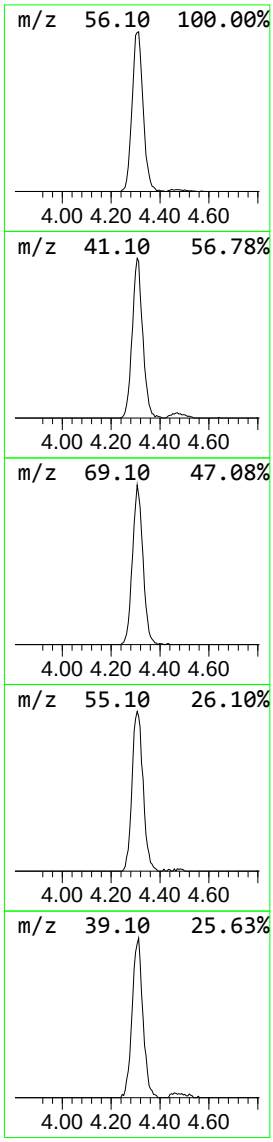
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic4.306 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	19.92 ug/L	260350	1,4-Difluorobenzene	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	2.861	8.9	ug/L	115844	1	6.781	653382	50.0
(DEL) Alkane: C...	4.306	19.9	ug/L	260350	1	6.781	653382	50.0