LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020221\
Data File : VV020238.D
Acq On : 02 Feb 2021 15:21
Operator : SY/MD
Sample : M1258-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z1

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\SOMVLM012821WMA.M
Title : VOC Analysis

Signal : TIC: VV020238.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	60	67	78	rVB	382417	372617	13.40%	1.744%
2	1.566	141	148	159	rBV	318022	352139	12.66%	1.649%
3	2.107	306	316	336	rBV	428438	632111	22.73%	2.959%
4	2.283	366	371	372	rBV3	694	500	0.02%	0.002%
5	2.367	393	397	400	rBV2	570	413	0.01%	0.002%
6	2.528	436	447	458	rVB8	2535	6087	0.22%	0.028%
7	2.573	458	461	467	rVB2	551	602	0.02%	0.003%
8	2.615	467	474	476	rBV2	424	445	0.02%	0.002%
9	2.762	510	520	533	rVB5	4610	9694	0.35%	0.045%
10	2.849	540	547	548	rBV2	494	452	0.02%	0.002%
11	2.865	548	552	556	rBV4	1076	1079	0.04%	0.005%
12	2.885	556	558	564	rVB2	1083	714	0.03%	0.003%
13	2.914	564	567	569	rBV4	758	517	0.02%	0.002%
14	2.939	573	575	581	rVB8	765	510	0.02%	0.002%
15	3.042	593	607	623	rBV2	42452	88143	3.17%	0.413%
16	3.290	682	684	687	rVB3	1075	423	0.02%	0.002%
17	3.328	693	696	700	rBV4	522	488	0.02%	0.002%
18	3.415	720	723	727	rBV3	671	543	0.02%	0.003%
19	3.444	730	732	739	rVB6	1051	761	0.03%	0.004%
20	3.557	764	767	771	rVB2	791	550	0.02%	0.003%
21	3.589	771	777	779	rBV4	808	937	0.03%	0.004%
22	3.653	794	797	800	rBV5	666	573	0.02%	0.003%
23	3.692	807	809	811	rBV3	1264	645	0.02%	0.003%
24	3.708	811	814	815	rVV2	1074	666	0.02%	0.003%
25	3.766	817	832	849	rVV4	32487	86740	3.12%	0.406%
26	3.888	859	870	902	rBV	193073	577489	20.76%	2.704%
27	4.190	962	964	968	rVB4	1108	583	0.02%	0.003%
28	4.351	996	1014	1041	rBV	457276	1119847	40.27%	5.243%
29	4.762	1139	1142	1145	rBV4	600	410	0.01%	0.002%
30	4.840	1163	1166	1170	rBV5	915	497	0.02%	0.002%
31	4.971	1204	1207	1211	rBV4	737	630	0.02%	0.003%
32	5.049	1212	1231	1259	rBV2	1086648	2781125	100.00%	13.021%
33	5.540	1379	1384	1386	rBV5	1039	869	0.03%	0.004%
34	5.621	1396	1409	1435	rBV	830002	1671818	60.11%	7.827%
35	5.910	1488	1499	1513	rBV3	28457	59891	2.15%	0.280%
36	6.074	1535	1550	1578	rBV	612219	1253563	45.07%	5.869%

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Integrator: RTE
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
Title : VOC Analysis

37	6.380	1642	1645	1646	rBV3	1398	774	0.03%	0.004%
38	6.540	1693	1695	1700	rVB4	958	766	0.03%	0.004%
39	6.576	1700	1706	1707	rBV3	662	567	0.02%	0.003%
40	6.698	1739	1744	1746	rBV3	943	1024	0.04%	0.005%
41	6.753	1758	1761	1765	rVB3	934	591	0.02%	0.003%
42	6.791	1769	1773	1774	rBV2	1377	967	0.03%	0.005%
43	6.820	1780	1782	1784	rBV3	722	444	0.02%	0.002%
44	6.833	1784	1786	1788	rVV2	846	411	0.01%	0.002%
45	6.913	1808	1811	1813	rBV3	957	619	0.02%	0.003%
46	6.991	1823	1835	1865	rBV2	336468	622488	22.38%	2.914%
47	7.319	1924	1937	1963	rBV	1302509	2245167	80.73%	10.511%
48	7.624	2021	2032	2052	rBV	238978	417004	14.99%	1.952%
49	7.814	2089	2091	2093	rBV3	983	505	0.02%	0.002%
50	7.891	2112	2115	2119	rBV5	1137	935	0.03%	0.004%
51	7.945	2123	2132	2139	rVB3	5606	11064	0.40%	0.052%
52	8.039	2156	2161	2164	rVB5	862	748	0.03%	0.004%
53	8.093	2167	2178	2210	rBV	685907	1274893	45.84%	5.969%
54	8.444	2283	2287	2290	rBV4	853	748	0.03%	0.004%
55	8.624	2338	2343	2346	rVB5	1211	956	0.03%	0.004%
56	8.662	2354	2355	2360	rVB3	1578	705	0.03%	0.003%
57	8.720	2371	2373	2374	rBV2	1006	465	0.02%	0.002%
58	8.855	2404	2415	2446	rBV	1277266	2081245	74.83%	9.744%
59	9.116	2494	2496	2499	rVB4	1786	939	0.03%	0.004%
60	9.309	2552	2556	2558	rBV5	885	504	0.02%	0.002%
61	9.389	2579	2581	2586	rBV4	770	620	0.02%	0.003%
62	9.463	2601	2604	2605	rBV2	743	427	0.02%	0.002%
63	9.556	2630	2633	2639	rVB5	1800	1841	0.07%	0.009%
64	9.585	2639	2642	2644	rBV3	691	462	0.02%	0.002%
65	9.601	2644	2647	2649	rBV4	685	429	0.02%	0.002%
66	9.855	2724	2726	2730	rVB2	765	427	0.02%	0.002%
67	9.884	2730	2735	2739	rBV2	878	1168	0.04%	0.005%
68	9.968	2758	2761	2764	rVB3	722	404	0.01%	0.002%
69	10.023	2773	2778	2781	rBV4	1418	1354	0.05%	0.006%
70	10.222	2824	2840	2858	rBV	854065	1340283	48.19%	6.275%
71	10.389	2885	2892	2901	rVB4	10903	17555	0.63%	0.082%
72	10.537	2935	2938	2941	rBV2	1271	1326	0.05%	0.006%
73	10.598	2955	2957	2961	rVB3	872	457	0.02%	0.002%
74	10.682	2979	2983	2984	rBV2	769	538	0.02%	0.003%
75	10.852	3034	3036	3041	rVB6	1374	898	0.03%	0.004%
76	10.984	3073	3077	3081	rBV7	959	978	0.04%	0.005%

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Integrator: RTE
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Title : VOC Analysis

77	11.254	3149	3161	3185	rBV	1352260	2070047	74.43%	9.691%
78	11.396	3204	3205	3209	rBV4	930	425	0.02%	0.002%
79	11.543	3248	3251	3256	rBV7	1682	1823	0.07%	0.009%
80	11.630	3265	3278	3300	rBV	1461998	2207046	79.36%	10.333%
81	11.839	3339	3343	3346	rBV3	875	738	0.03%	0.003%
82	11.971	3380	3384	3388	rVB3	1423	1092	0.04%	0.005%
83	11.997	3389	3392	3395	rBV	547	457	0.02%	0.002%
84	12.074	3414	3416	3422	rVB4	1289	1008	0.04%	0.005%
85	12.135	3432	3435	3438	rBV3	627	461	0.02%	0.002%
86	12.177	3446	3448	3452	rVB3	1581	890	0.03%	0.004%
87	12.363	3498	3506	3510	rBV6	3720	4754	0.17%	0.022%
88	12.659	3592	3598	3602	rBV6	1967	1916	0.07%	0.009%
89	12.807	3640	3644	3645	rBV3	1029	785	0.03%	0.004%
90	12.949	3686	3688	3696	rBV6	813	752	0.03%	0.004%
91	13.148	3748	3750	3754	rVB4	1388	844	0.03%	0.004%
92	13.527	3866	3868	3870	rBV2	1180	599	0.02%	0.003%
93	13.968	4002	4005	4008	rBV4	1018	828	0.03%	0.004%
94	14.035	4022	4026	4028	rBV3	1657	1138	0.04%	0.005%
95	14.540	4178	4183	4186	rBV7	1591	1759	0.06%	0.008%
96	14.572	4191	4193	4197	rBV3	1327	805	0.03%	0.004%
97	14.858	4280	4282	4284	rBV2	784	428	0.02%	0.002%
98	14.900	4293	4295	4301	rBV4	767	650	0.02%	0.003%
99	15.003	4323	4327	4328	rBV3	1247	878	0.03%	0.004%
100	15.190	4383	4385	4386	rBV	1521	676	0.02%	0.003%

Sum of corrected areas: 21359566

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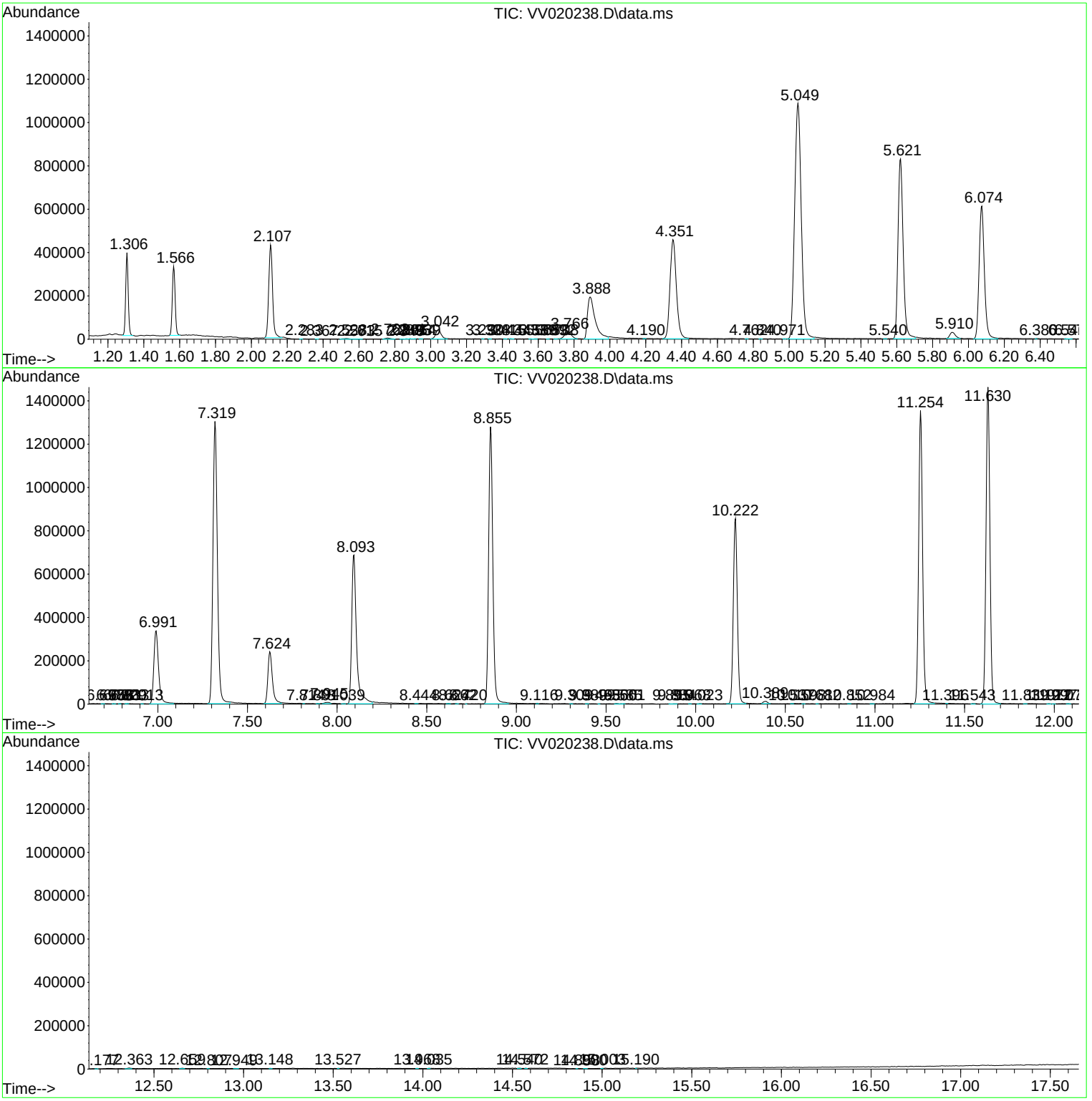
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
Quant Title : VOC Analysis

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



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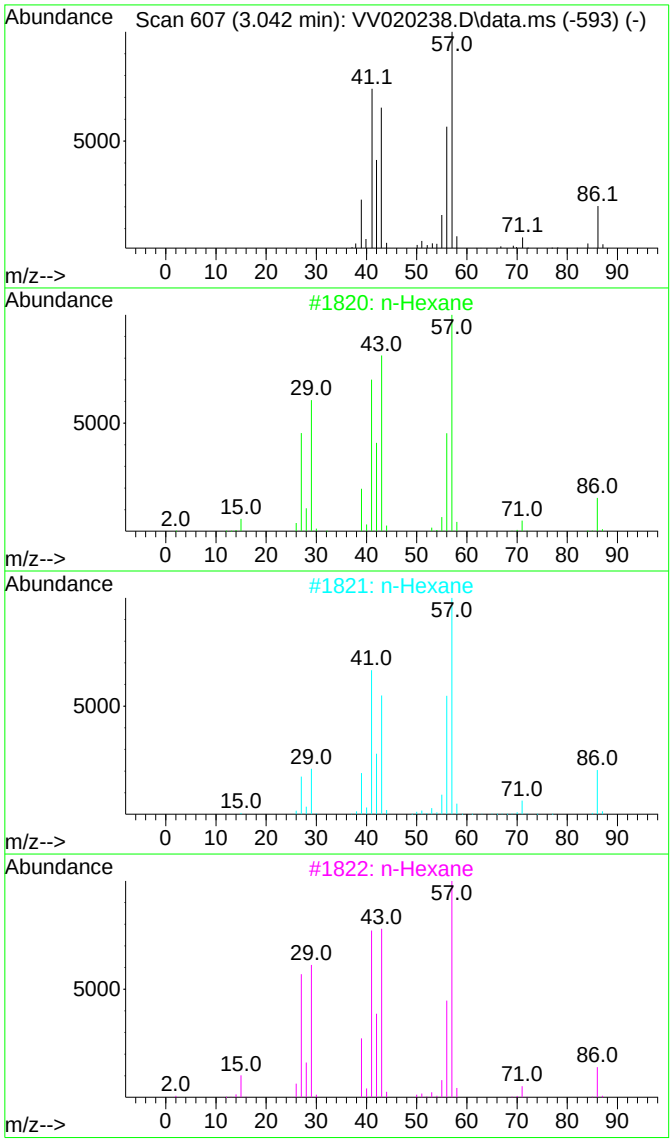
Quant Title : VOC Analysis

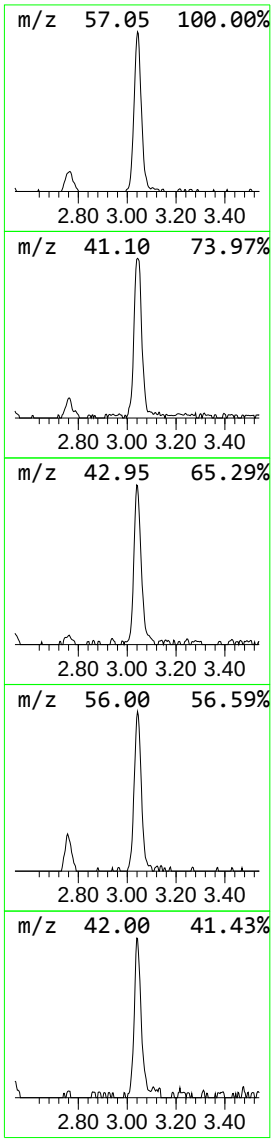
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.042	2.64 ug/L	88143	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	74
3	n-Hexane	86	C6H14	000110-54-3	64
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
5	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	37





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Instrument : MSVOA_V
ClientSampleId : BG4Z1

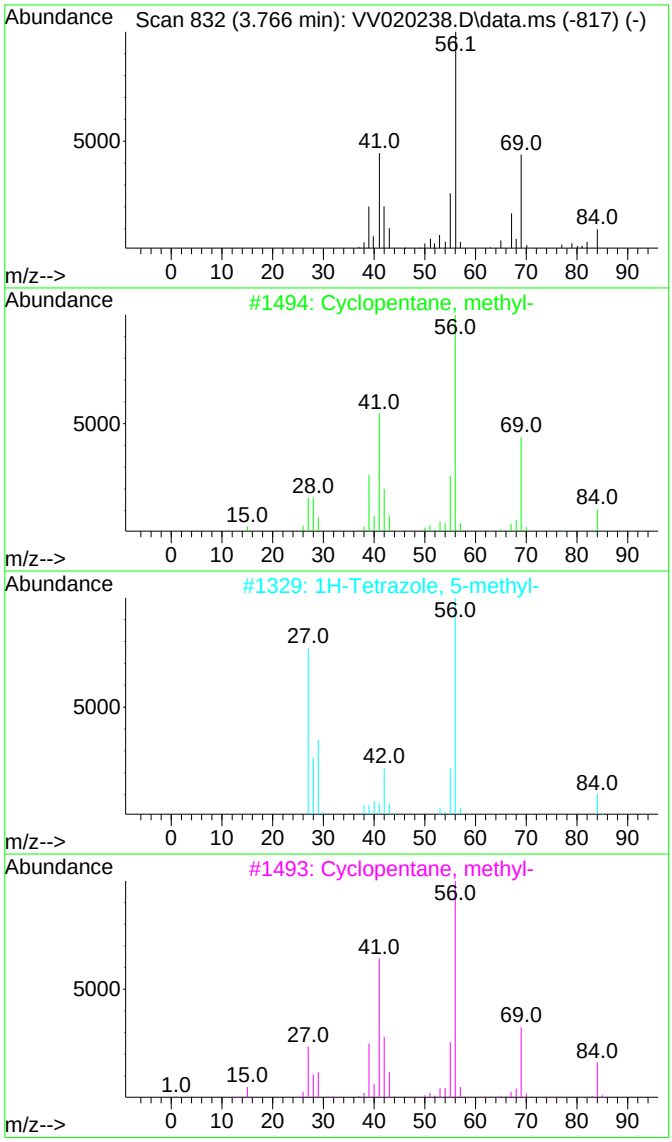
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
Quant Title : VOC Analysis

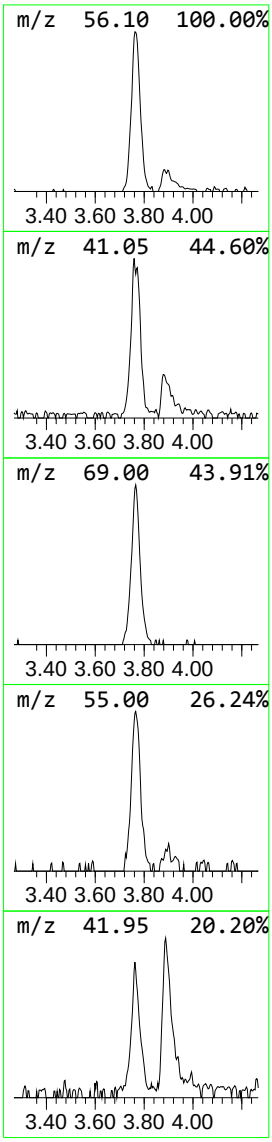
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.766 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.766	2.59 ug/L	86740	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.042	2.6	ug/L	88143	1	5.621	1671820	50.0
(DEL) Alkane: C...	3.766	2.6	ug/L	86740	1	5.621	1671820	50.0