LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
Data File : VV019704.D
Acq On : 18 Dec 2020 16:56
Operator : SY/MD
Sample : L5098-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4N6

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\SOMVLM121020WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.309	62	68	82	rVB	326721	320377	14.27%	1.812%
2	1.569	142	149	164	rBV	265349	297158	13.24%	1.681%
3	2.110	308	317	356	rVB	523428	824322	36.73%	4.663%
4	2.708	501	503	504	rBV2	548	228	0.01%	0.001%
5	2.891	557	560	563	rVB4	644	464	0.02%	0.003%
6	2.933	570	573	579	rBV5	560	610	0.03%	0.003%
7	3.045	594	608	625	rBV2	48637	100389	4.47%	0.568%
8	3.216	658	661	663	rBV2	631	335	0.01%	0.002%
9	3.335	696	698	703	rVB2	407	233	0.01%	0.001%
10	3.415	720	723	724	rBV	322	146	0.01%	0.001%
11	3.492	742	747	750	rBV3	696	724	0.03%	0.004%
12	3.553	762	766	767	rBV	387	264	0.01%	0.001%
13	3.598	777	780	784	rVB2	296	220	0.01%	0.001%
14	3.630	784	790	791	rBV3	542	472	0.02%	0.003%
15	3.646	794	795	799	rVB2	703	438	0.02%	0.002%
16	3.675	802	804	806	rBV	315	158	0.01%	0.001%
17	3.692	806	809	810	rBV	284	115	0.01%	0.001%
18	3.698	810	811	812	rBV	452	139	0.01%	0.001%
19	3.769	817	833	854	rVB2	54710	141214	6.29%	0.799%
20	3.894	861	872	916	rBV	155649	507759	22.62%	2.872%
21	4.354	999	1015	1043	rBV	353117	867502	38.65%	4.908%
22	4.611	1092	1095	1098	rBV4	940	672	0.03%	0.004%
23	4.798	1151	1153	1154	rBV	410	167	0.01%	0.001%
24	4.839	1164	1166	1169	rBV2	432	264	0.01%	0.001%
25	4.859	1169	1172	1175	rVV2	366	274	0.01%	0.002%
26	5.052	1212	1232	1267	rBV2	869824	2244334	100.00%	12.697%
27	5.621	1396	1409	1438	rBV	737955	1473579	65.66%	8.336%
28	5.910	1490	1499	1513	rVB2	24653	48641	2.17%	0.275%
29	6.074	1534	1550	1575	rBV	503676	1025234	45.68%	5.800%
30	6.312	1622	1624	1627	rBV3	810	462	0.02%	0.003%
31	6.399	1648	1651	1657	rVB4	797	746	0.03%	0.004%
32	6.428	1657	1660	1662	rBV2	716	450	0.02%	0.003%
33	6.466	1666	1672	1675	rBV6	964	911	0.04%	0.005%
34	6.505	1682	1684	1690	rVB3	456	403	0.02%	0.002%

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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\SOMVLM121020WMA.M
Title : VOC Analysis

35	6.569	1702	1704	1706	rVB	248	96	0.00%	0.001%
36	6.585	1706	1709	1713	rBV2	505	443	0.02%	0.003%
37	6.624	1717	1721	1724	rBV3	1290	1011	0.05%	0.006%
38	6.781	1763	1770	1772	rBV4	1013	1070	0.05%	0.006%
39	6.862	1793	1795	1796	rBV	427	135	0.01%	0.001%
40	6.888	1800	1803	1810	rBV3	672	758	0.03%	0.004%
41	6.949	1818	1822	1823	rBV2	436	319	0.01%	0.002%
42	6.990	1823	1835	1859	rBV	288433	526092	23.44%	2.976%
43	7.318	1925	1937	1975	rBV	1019863	1770600	78.89%	10.017%
44	7.624	2022	2032	2059	rBV	204359	350164	15.60%	1.981%
45	8.093	2167	2178	2219	rBV	591248	1119998	49.90%	6.336%
46	8.730	2373	2376	2380	rVB4	494	290	0.01%	0.002%
47	8.752	2380	2383	2385	rBV2	564	432	0.02%	0.002%
48	8.797	2395	2397	2402	rVB2	502	309	0.01%	0.002%
49	8.855	2402	2415	2444	rBV	1093598	1796286	80.04%	10.162%
50	9.113	2493	2495	2499	rVB3	644	394	0.02%	0.002%
51	9.135	2499	2502	2503	rBV2	847	367	0.02%	0.002%
52	9.196	2519	2521	2524	rBV2	376	179	0.01%	0.001%
53	9.231	2531	2532	2535	rVB3	476	205	0.01%	0.001%
54	9.248	2535	2537	2538	rBV	450	184	0.01%	0.001%
55	9.360	2569	2572	2573	rBV3	448	261	0.01%	0.001%
56	9.457	2599	2602	2603	rBV2	390	163	0.01%	0.001%
57	9.537	2625	2627	2628	rBV	536	234	0.01%	0.001%
58	9.675	2666	2670	2674	rBV5	914	832	0.04%	0.005%
59	9.788	2703	2705	2710	rBV3	443	487	0.02%	0.003%
60	9.826	2715	2717	2721	rVB2	532	274	0.01%	0.002%
61	9.855	2721	2726	2729	rBV3	403	352	0.02%	0.002%
62	9.875	2729	2732	2735	rBV3	660	497	0.02%	0.003%
63	9.916	2741	2745	2748	rBV4	499	380	0.02%	0.002%
64	9.932	2748	2750	2752	rBV2	398	247	0.01%	0.001%
65	9.981	2762	2765	2766	rBV	628	284	0.01%	0.002%
66	10.077	2793	2795	2799	rVB2	367	194	0.01%	0.001%
67	10.135	2807	2813	2818	rBV5	755	921	0.04%	0.005%
68	10.222	2828	2840	2860	rBV	612136	962723	42.90%	5.446%
69	10.366	2882	2885	2887	rBV2	1169	777	0.03%	0.004%
70	10.386	2887	2891	2901	rVB6	2952	4218	0.19%	0.024%
71	10.434	2901	2906	2907	rBV3	1187	990	0.04%	0.006%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOMVLM121020WMA.M
Title : VOC Analysis

72	10.502	2925	2927	2930	rBV3	438	250	0.01%	0.001%
73	10.736	2997	3000	3001	rBV2	239	118	0.01%	0.001%
74	10.752	3001	3005	3006	rVV	240	154	0.01%	0.001%
75	11.157	3129	3131	3133	rBV	515	244	0.01%	0.001%
76	11.254	3149	3161	3180	rBV	1092150	1689835	75.29%	9.560%
77	11.543	3243	3251	3255	rBV4	1479	2335	0.10%	0.013%
78	11.630	3266	3278	3296	rBV	1004163	1577290	70.28%	8.923%
79	11.817	3334	3336	3340	rBV3	747	559	0.02%	0.003%
80	11.932	3369	3372	3377	rBV3	863	940	0.04%	0.005%
81	12.026	3398	3401	3405	rBV2	413	457	0.02%	0.003%
82	12.244	3467	3469	3471	rBV2	649	324	0.01%	0.002%
83	12.366	3505	3507	3513	rVB2	779	586	0.03%	0.003%
84	12.395	3513	3516	3518	rBV2	730	512	0.02%	0.003%
85	12.518	3553	3554	3560	rBV	463	429	0.02%	0.002%
86	12.855	3657	3659	3662	rBV4	415	181	0.01%	0.001%

Sum of corrected areas: 17676784

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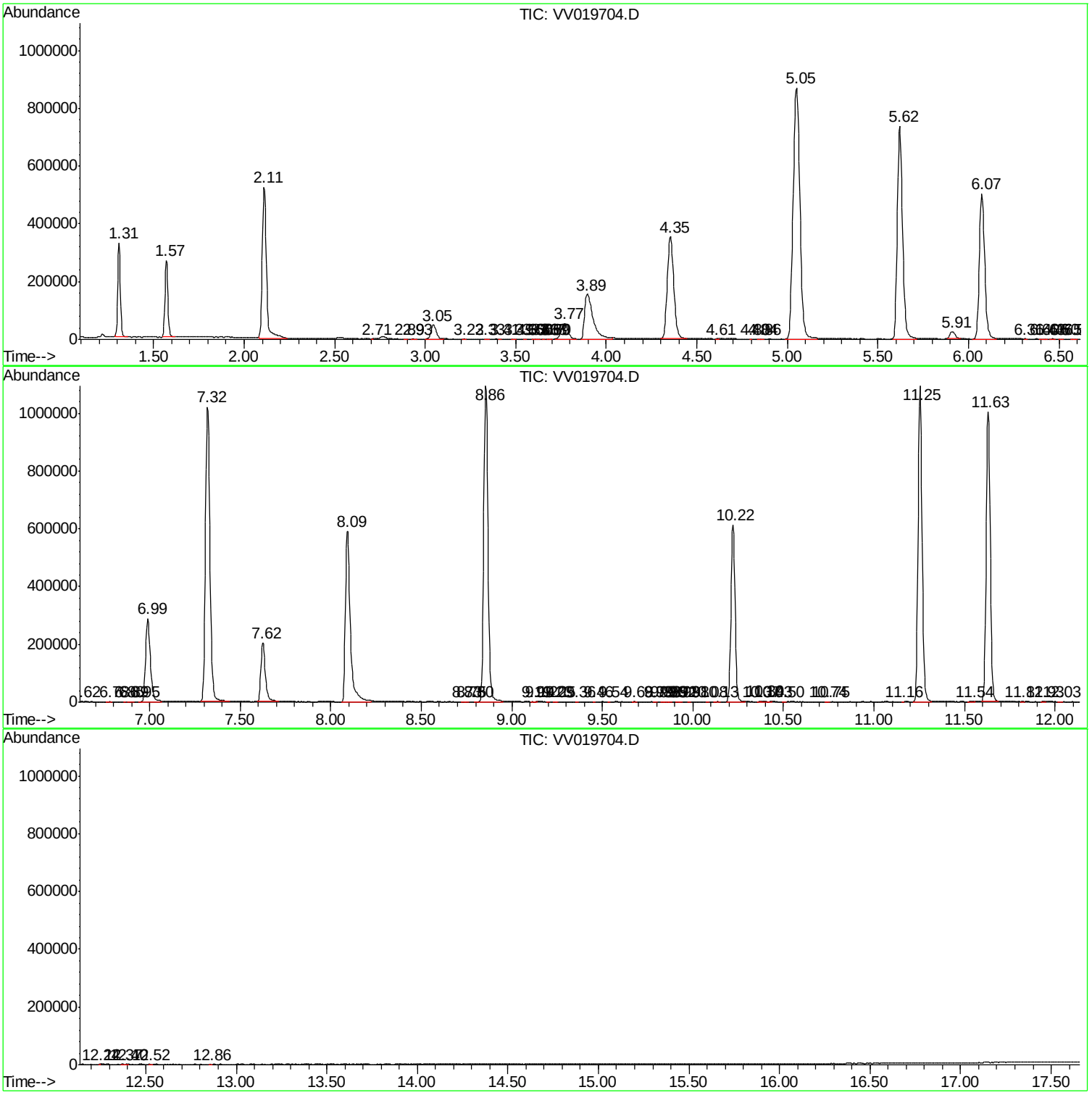
Instrument :
MSVOA_V
ClientSampleId :
BG4N6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121820\
Data File : VV019704.D
Acq On : 18 Dec 2020 16:56
Operator : SY/MD
Sample : L5098-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4N6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

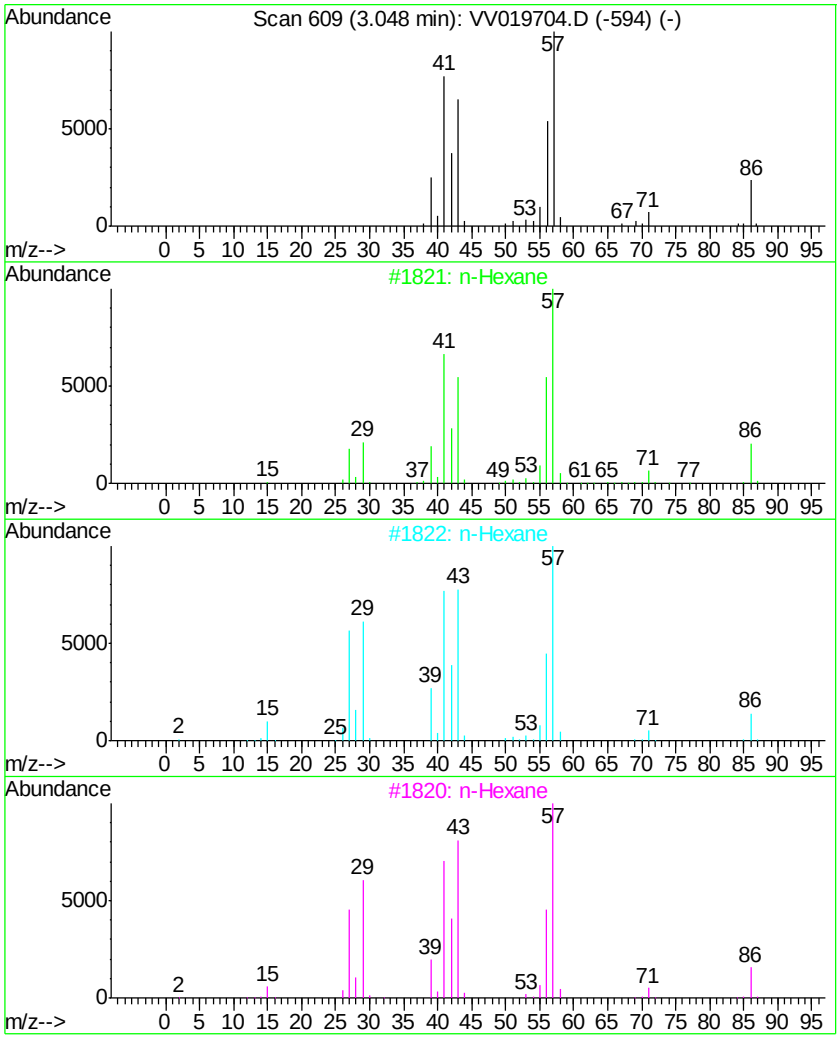
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

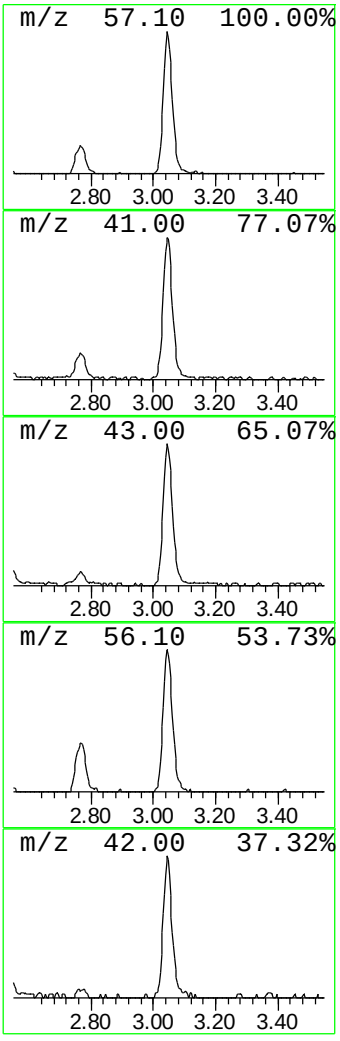
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	3.41 ug/L	100389	1,4-Difluorobenzene	5.62

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	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	43





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ClientSampleId : BG4N6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

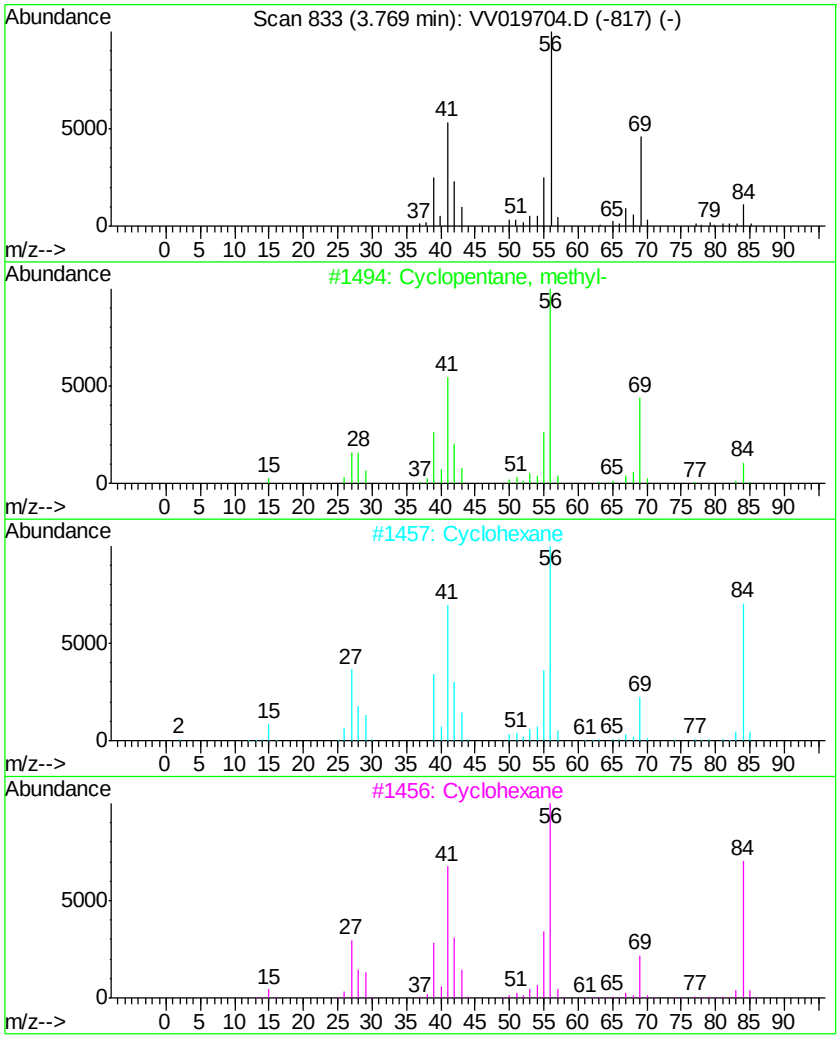
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

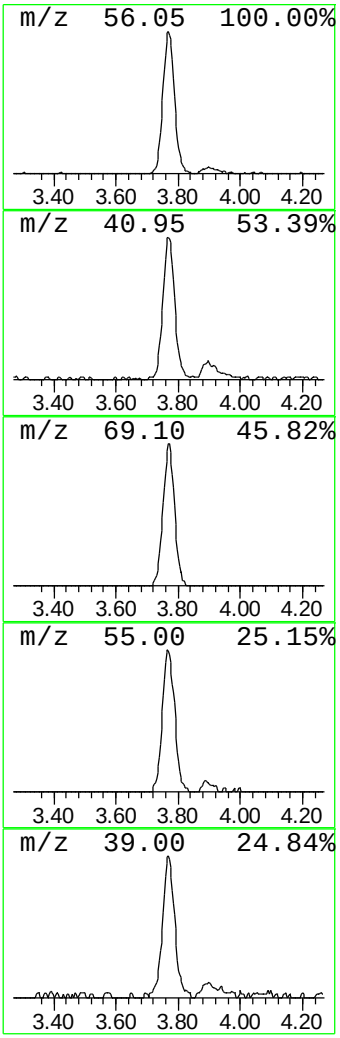
****

Peak Number 2 (DEL) Alkane: Cyclic3.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	4.79 ug/L	141214	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	80
3	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





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: Str...	3.05	3.4	ug/L	100389	1	5.62	1473580	50.0
(DEL) Alkane: Cyc...	3.77	4.8	ug/L	141214	1	5.62	1473580	50.0