LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
Data File : VV019781.D
Acq On : 21 Dec 2020 17:29
Operator : SY/MD
Sample : L5173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4P2

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	1.306	61	67	82	rVB	419331	423858	15.77%	2.082%
2	1.570	141	149	164	rBV	336004	374947	13.95%	1.842%
3	2.110	307	317	358	rVB	661992	1042550	38.80%	5.122%
4	2.917	566	568	571	rVB3	761	400	0.01%	0.002%
5	2.965	579	583	589	rVB8	664	840	0.03%	0.004%
6	3.042	596	607	627	rVB	79336	158063	5.88%	0.776%
7	3.219	661	662	664	rBV2	671	333	0.01%	0.002%
8	3.229	664	665	670	rVB4	878	586	0.02%	0.003%
9	3.312	688	691	694	rVB3	1012	723	0.03%	0.004%
10	3.328	694	696	700	rBV4	646	489	0.02%	0.002%
11	3.364	703	707	709	rBV3	836	568	0.02%	0.003%
12	3.386	712	714	716	rBV3	681	407	0.02%	0.002%
13	3.438	727	730	733	rBV3	424	359	0.01%	0.002%
14	3.460	733	737	742	rVB5	1397	1266	0.05%	0.006%
15	3.492	742	747	751	rBV4	719	962	0.04%	0.005%
16	3.692	807	809	813	rVV2	961	609	0.02%	0.003%
17	3.769	814	833	854	rVV2	80903	211159	7.86%	1.037%
18	3.894	861	872	922	rBV	178536	583904	21.73%	2.868%
19	4.354	999	1015	1045	rBV	421815	1035907	38.55%	5.089%
20	4.589	1085	1088	1091	rBV2	1122	782	0.03%	0.004%
21	4.775	1144	1146	1152	rBV5	635	535	0.02%	0.003%
22	4.846	1164	1168	1171	rBV3	811	757	0.03%	0.004%
23	4.901	1181	1185	1187	rBV3	909	555	0.02%	0.003%
24	4.930	1192	1194	1197	rBV3	670	437	0.02%	0.002%
25	5.048	1213	1231	1261	rBV2	1044770	2686958	100.00%	13.200%
26	5.380	1331	1334	1335	rBV3	652	295	0.01%	0.001%
27	5.486	1364	1367	1369	rBV2	959	590	0.02%	0.003%
28	5.537	1380	1383	1386	rBV5	1369	978	0.04%	0.005%
29	5.621	1396	1409	1437	rBV	766706	1525192	56.76%	7.492%
30	5.910	1487	1499	1514	rBV2	43003	92547	3.44%	0.455%
31	6.074	1536	1550	1575	rBV	593726	1212207	45.11%	5.955%
32	6.341	1631	1633	1638	rBV5	870	796	0.03%	0.004%
33	6.392	1647	1649	1654	rVB5	1064	786	0.03%	0.004%
34	6.418	1654	1657	1661	rVB5	1071	759	0.03%	0.004%

LSC Area Percent Report

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Sample : L5173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4P2

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

35	6.505	1682	1684	1687	rBV3	1009	543	0.02%	0.003%
36	6.528	1687	1691	1693	rVV4	823	668	0.02%	0.003%
37	6.634	1722	1724	1728	rBV3	849	675	0.03%	0.003%
38	6.708	1745	1747	1753	rVB5	566	442	0.02%	0.002%
39	6.733	1753	1755	1757	rBV3	624	362	0.01%	0.002%
40	6.772	1765	1767	1769	rVB3	631	286	0.01%	0.001%
41	6.804	1772	1777	1779	rBV2	881	777	0.03%	0.004%
42	6.865	1793	1796	1798	rVV2	579	372	0.01%	0.002%
43	6.904	1804	1808	1810	rBV3	582	433	0.02%	0.002%
44	6.991	1822	1835	1861	rBV	339977	614394	22.87%	3.018%
45	7.267	1918	1921	1925	rBV6	972	846	0.03%	0.004%
46	7.319	1925	1937	1962	rBV	1238596	2104176	78.31%	10.337%
47	7.624	2022	2032	2057	rBV	235949	405766	15.10%	1.993%
48	7.910	2118	2121	2123	rBV3	1099	774	0.03%	0.004%
49	8.093	2167	2178	2217	rBV2	645509	1234697	45.95%	6.065%
50	8.560	2322	2323	2326	rBV3	783	463	0.02%	0.002%
51	8.720	2369	2373	2375	rBV3	755	635	0.02%	0.003%
52	8.772	2386	2389	2393	rBV4	665	465	0.02%	0.002%
53	8.791	2393	2395	2400	rBV3	774	682	0.03%	0.003%
54	8.855	2403	2415	2443	rBV	1125193	1857604	69.13%	9.125%
55	9.113	2492	2495	2497	rBV3	946	475	0.02%	0.002%
56	9.129	2497	2500	2502	rBV4	1046	559	0.02%	0.003%
57	9.347	2565	2568	2571	rBV3	1074	768	0.03%	0.004%
58	9.380	2576	2578	2580	rVV2	866	302	0.01%	0.001%
59	9.441	2594	2597	2601	rBV3	881	739	0.03%	0.004%
60	9.495	2612	2614	2616	rBV4	656	318	0.01%	0.002%
61	9.621	2651	2653	2657	rVB4	1419	1016	0.04%	0.005%
62	9.643	2657	2660	2661	rBV	580	323	0.01%	0.002%
63	9.691	2673	2675	2677	rBV2	493	310	0.01%	0.002%
64	9.740	2686	2690	2691	rBV3	694	430	0.02%	0.002%
65	9.817	2707	2714	2717	rBV6	988	999	0.04%	0.005%
66	10.016	2774	2776	2777	rBV2	991	419	0.02%	0.002%
67	10.119	2802	2808	2812	rBV2	787	958	0.04%	0.005%
68	10.222	2828	2840	2858	rBV	700956	1090311	40.58%	5.356%
69	10.498	2924	2926	2927	rBV2	665	317	0.01%	0.002%
70	10.743	3000	3002	3007	rBV4	609	304	0.01%	0.001%
71	10.862	3035	3039	3044	rBV4	1283	1198	0.04%	0.006%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4P2

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

72	10.916	3054	3056	3059	rVB2	955	379	0.01%	0.002%
73	10.968	3069	3072	3075	rVB2	499	284	0.01%	0.001%
74	10.984	3075	3077	3080	rBV3	557	411	0.02%	0.002%
75	11.183	3137	3139	3141	rBV2	752	346	0.01%	0.002%
76	11.196	3141	3143	3146	rVB3	919	416	0.02%	0.002%
77	11.254	3149	3161	3186	rBV	1149504	1807978	67.29%	8.882%
78	11.434	3215	3217	3220	rBV4	1421	1064	0.04%	0.005%
79	11.531	3244	3247	3249	rBV	1231	820	0.03%	0.004%
80	11.630	3266	3278	3297	rBV	1179279	1844007	68.63%	9.059%
81	11.897	3358	3361	3364	rBV3	1100	785	0.03%	0.004%
82	11.936	3369	3373	3380	rVB5	914	1066	0.04%	0.005%
83	11.965	3380	3382	3384	rBV	1124	666	0.02%	0.003%
84	12.068	3412	3414	3419	rBV4	621	478	0.02%	0.002%
85	12.193	3451	3453	3455	rBV2	638	338	0.01%	0.002%
86	12.228	3461	3464	3466	rBV2	992	542	0.02%	0.003%
87	12.293	3482	3484	3490	rVB5	1210	980	0.04%	0.005%
88	12.318	3490	3492	3495	rBV2	420	288	0.01%	0.001%
89	12.347	3497	3501	3502	rBV3	910	644	0.02%	0.003%
90	12.566	3565	3569	3571	rBV2	596	485	0.02%	0.002%
91	12.608	3579	3582	3589	rVB4	1226	1272	0.05%	0.006%
92	12.807	3641	3644	3646	rVB3	877	460	0.02%	0.002%
93	12.826	3646	3650	3656	rBV5	1214	1427	0.05%	0.007%
94	12.974	3692	3696	3698	rBV3	907	715	0.03%	0.004%
95	13.183	3758	3761	3763	rBV3	1004	638	0.02%	0.003%
96	13.251	3776	3782	3783	rBV4	772	576	0.02%	0.003%
97	13.408	3826	3831	3833	rBV4	1049	768	0.03%	0.004%
98	13.482	3850	3854	3857	rBV4	648	581	0.02%	0.003%
99	13.498	3857	3859	3861	rBV3	826	400	0.01%	0.002%
100	13.852	3967	3969	3971	rBV2	757	539	0.02%	0.003%

Sum of corrected areas: 20356263

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
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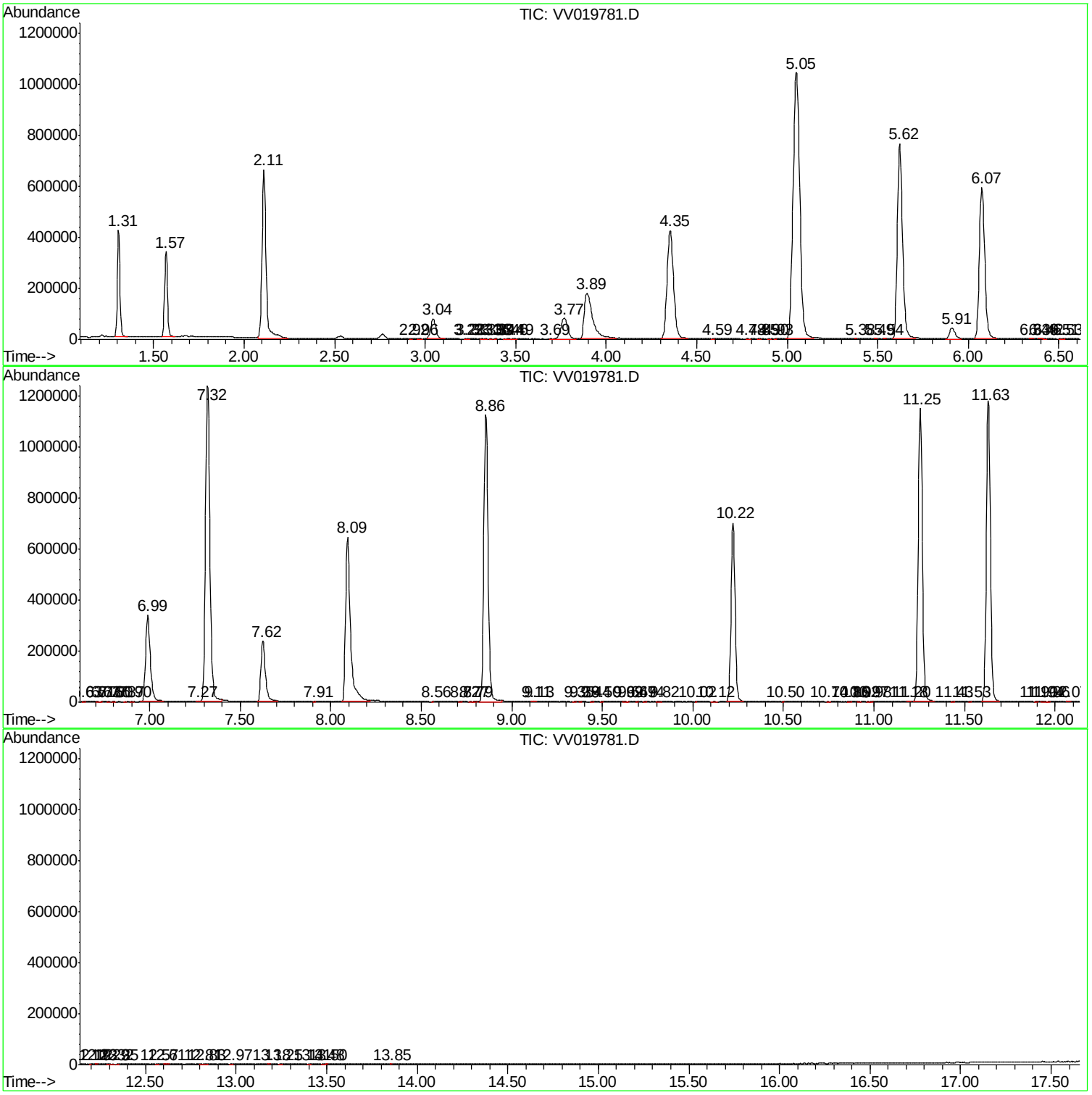
Acq On : 21 Dec 2020 17:29
Operator : SY/MD
Sample : L5173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4P2

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



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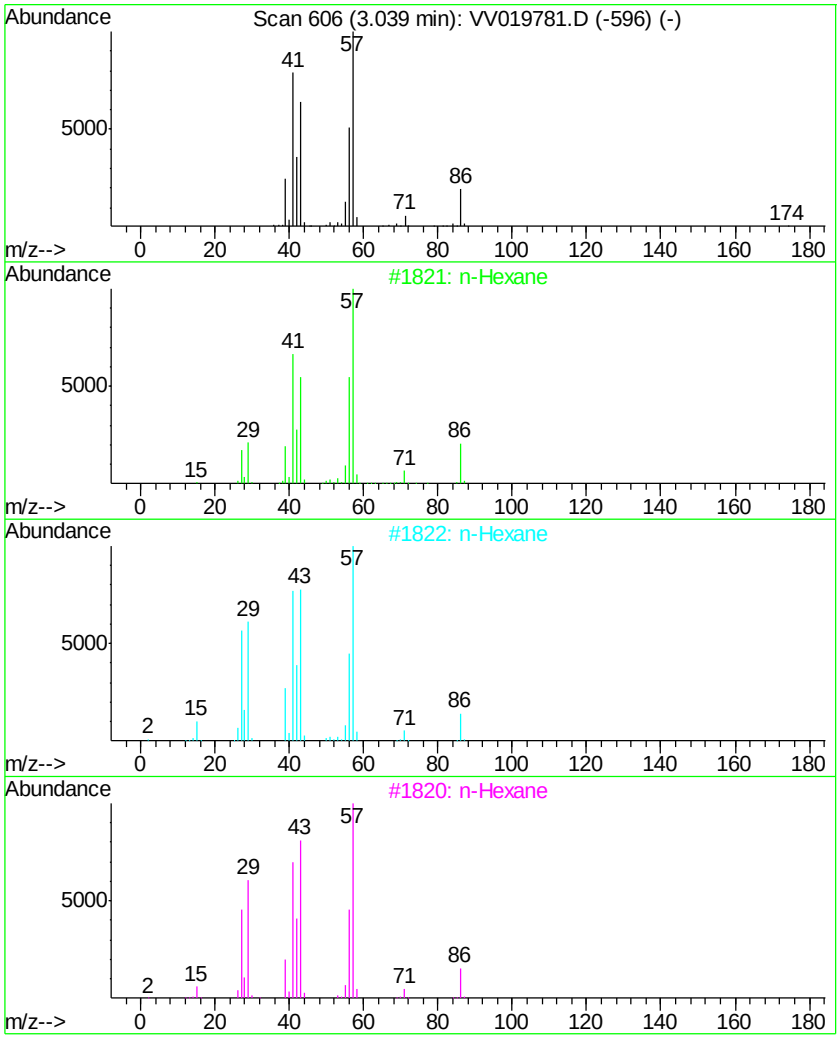
Quant Title : VOC Analysis

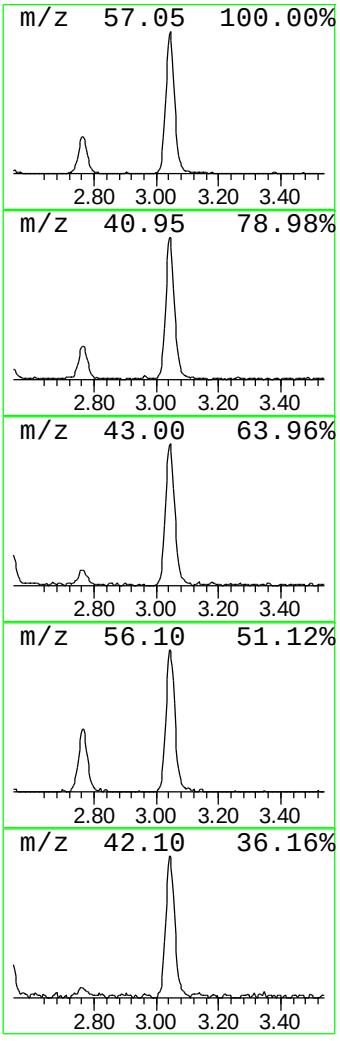
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	5.18 ug/L	158063	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
Data File : VV019781.D
Acq On : 21 Dec 2020 17:29
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4P2

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

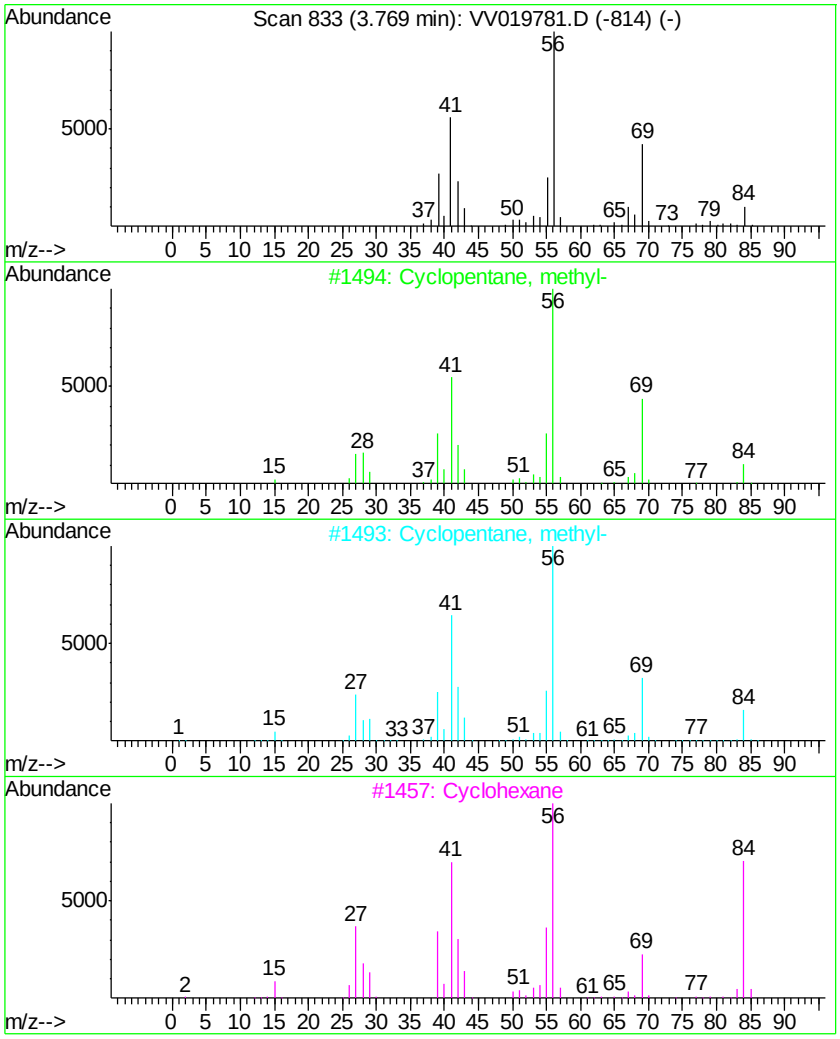
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

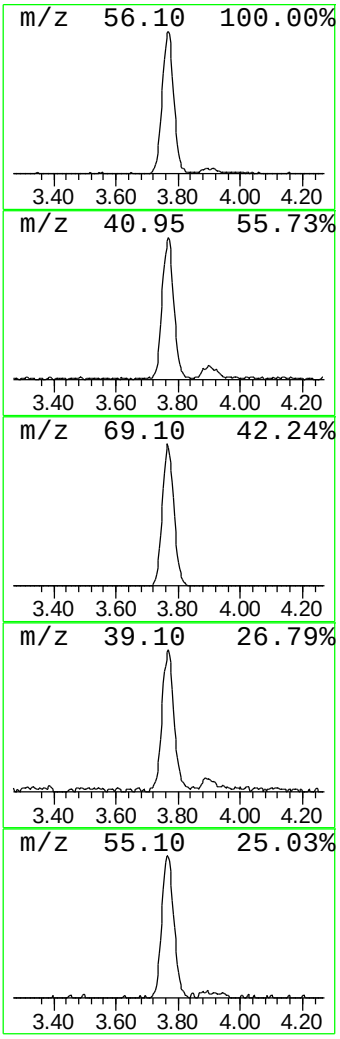
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	6.92 ug/L	211159	1,4-Difluorobenzene	5.62

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	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72





Tentatively Identified Compound (LSC) summary

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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: Str...	3.04	5.2	ug/L	158063	1	5.62	1525190	50.0
(DEL) Alkane: Cyc...	3.77	6.9	ug/L	211159	1	5.62	1525190	50.0