LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030788.D
Acq On : 06 Apr 2019 09:50
Operator : JC/SP
Sample : K2249-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE0

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_U\METHOD\SOMULM040519WMA.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	1.180	21	28	40	rBV	749212	726691	8.10%	2.350%
2	1.254	44	51	60	rBV	124505	140846	1.57%	0.455%
3	1.392	86	94	101	rBV2	391386	479790	5.35%	1.551%
4	1.424	101	104	109	rVB	48328	43288	0.48%	0.140%
5	1.505	125	129	139	rBV3	18161	24615	0.27%	0.080%
6	1.678	175	183	197	rVB	238676	312659	3.49%	1.011%
7	2.270	356	367	380	rBV2	575711	1010350	11.26%	3.267%
8	2.440	411	420	436	rBV	21877	43036	0.48%	0.139%
9	2.624	474	477	480	rBV3	1640	1068	0.01%	0.003%
10	2.788	522	528	530	rBV3	1208	1174	0.01%	0.004%
11	2.981	576	588	604	rBV	69999	136790	1.52%	0.442%
12	3.125	630	633	635	rVV3	984	490	0.01%	0.002%
13	3.177	646	649	651	rBV2	682	390	0.00%	0.001%
14	3.199	651	656	657	rBV3	973	841	0.01%	0.003%
15	3.353	699	704	706	rBV3	588	538	0.01%	0.002%
16	3.440	712	731	756	rBV	637418	1454408	16.21%	4.703%
17	3.607	779	783	788	rBV4	1064	1043	0.01%	0.003%
18	3.961	889	893	894	rBV3	812	420	0.00%	0.001%
19	4.119	938	942	946	rBV4	445	495	0.01%	0.002%
20	4.218	946	973	1010	rBV	3433734	8970243	100.00%	29.005%
21	4.643	1092	1105	1129	rVB	312823	793668	8.85%	2.566%
22	4.910	1170	1188	1223	rBV	1550181	3720672	41.48%	12.031%
23	5.334	1298	1320	1357	rBV2	681900	2065764	23.03%	6.679%
24	5.807	1465	1467	1469	rBV3	1123	592	0.01%	0.002%
25	5.881	1477	1490	1521	rBV	582876	1185986	13.22%	3.835%
26	6.186	1573	1585	1602	rBV2	51955	101262	1.13%	0.327%
27	6.328	1615	1629	1657	rBV2	451736	935441	10.43%	3.025%
28	6.611	1715	1717	1719	rBV2	760	446	0.00%	0.001%
29	6.704	1742	1746	1749	rBV2	667	587	0.01%	0.002%
30	6.758	1759	1763	1764	rBV	912	552	0.01%	0.002%
31	6.768	1764	1766	1768	rVV2	744	454	0.01%	0.001%
32	6.810	1777	1779	1784	rVB3	829	536	0.01%	0.002%
33	6.836	1784	1787	1791	rVB3	630	529	0.01%	0.002%
34	6.865	1791	1796	1798	rVB2	455	397	0.00%	0.001%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

35	6.887	1798	1803	1812	rBV5	743	912	0.01%	0.003%
36	7.016	1841	1843	1845	rBV	695	414	0.00%	0.001%
37	7.035	1845	1849	1851	rBV2	590	477	0.01%	0.002%
38	7.077	1857	1862	1863	rBV2	540	458	0.01%	0.001%
39	7.103	1863	1870	1872	rBV4	1024	918	0.01%	0.003%
40	7.183	1892	1895	1897	rBV3	814	509	0.01%	0.002%
41	7.225	1897	1908	1927	rBV	238133	425733	4.75%	1.377%
42	7.469	1978	1984	1991	rBV4	3372	4795	0.05%	0.016%
43	7.562	1999	2013	2033	rBV	854094	1513167	16.87%	4.893%
44	7.845	2086	2101	2127	rBV	164182	322684	3.60%	1.043%
45	8.070	2162	2171	2183	rVB9	5631	11346	0.13%	0.037%
46	8.170	2196	2202	2206	rVV5	3842	4675	0.05%	0.015%
47	8.225	2207	2219	2234	rVV	237803	412844	4.60%	1.335%
48	8.308	2235	2245	2281	rVV	591032	1119871	12.48%	3.621%
49	8.684	2359	2362	2366	rBV2	857	793	0.01%	0.003%
50	8.755	2382	2384	2387	rVB3	918	531	0.01%	0.002%
51	8.826	2404	2406	2408	rBV	893	545	0.01%	0.002%
52	8.865	2414	2418	2421	rBV3	538	536	0.01%	0.002%
53	8.922	2432	2436	2437	rBV2	870	638	0.01%	0.002%
54	8.955	2439	2446	2451	rBV7	2688	3714	0.04%	0.012%
55	9.086	2474	2487	2518	rBV	862797	1485653	16.56%	4.804%
56	9.411	2585	2588	2592	rVB3	785	568	0.01%	0.002%
57	9.511	2612	2619	2622	rBV4	852	1135	0.01%	0.004%
58	9.562	2631	2635	2636	rVV2	567	370	0.00%	0.001%
59	9.582	2639	2641	2645	rVB3	757	539	0.01%	0.002%
60	9.601	2645	2647	2652	rBV3	519	510	0.01%	0.002%
61	9.668	2663	2668	2670	rBV5	1292	1119	0.01%	0.004%
62	9.758	2688	2696	2709	rVB6	3082	6240	0.07%	0.020%
63	9.823	2713	2716	2719	rVB3	1019	636	0.01%	0.002%
64	9.842	2719	2722	2726	rBV2	852	915	0.01%	0.003%
65	9.887	2732	2736	2739	rBV	720	686	0.01%	0.002%
66	9.929	2745	2749	2752	rBV4	715	639	0.01%	0.002%
67	10.032	2780	2781	2787	rBV3	538	466	0.01%	0.002%
68	10.131	2803	2812	2813	rBV3	892	1163	0.01%	0.004%
69	10.176	2823	2826	2830	rVB4	654	535	0.01%	0.002%
70	10.241	2841	2846	2849	rBV3	860	939	0.01%	0.003%
71	10.260	2849	2852	2856	rVV3	1007	816	0.01%	0.003%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	10.369	2883	2886	2888	rBV2	776	486	0.01%	0.002%
73	10.427	2892	2904	2931	rVV	584744	965337	10.76%	3.121%
74	10.543	2937	2940	2945	rVB3	933	795	0.01%	0.003%
75	10.569	2945	2948	2952	rVV4	526	492	0.01%	0.002%
76	10.607	2955	2960	2969	rVB9	2447	3800	0.04%	0.012%
77	10.652	2971	2974	2978	rVB3	665	568	0.01%	0.002%
78	10.675	2978	2981	2985	rBV3	544	511	0.01%	0.002%
79	10.810	3020	3023	3027	rBV3	625	547	0.01%	0.002%
80	10.919	3055	3057	3060	rBV3	652	490	0.01%	0.002%
81	11.003	3078	3083	3087	rBV2	1175	1250	0.01%	0.004%
82	11.157	3126	3131	3133	rBV3	690	500	0.01%	0.002%
83	11.183	3135	3139	3145	rVB3	802	905	0.01%	0.003%
84	11.263	3159	3164	3169	rBV4	862	950	0.01%	0.003%
85	11.289	3169	3172	3174	rBV	697	378	0.00%	0.001%
86	11.398	3204	3206	3211	rVB3	657	528	0.01%	0.002%
87	11.482	3220	3232	3252	rBV	746682	1227266	13.68%	3.968%
88	11.855	3336	3348	3376	rBV	733236	1229967	13.71%	3.977%
89	12.089	3419	3421	3425	rVB4	1403	737	0.01%	0.002%
90	12.350	3499	3502	3503	rBV	687	407	0.00%	0.001%
91	12.376	3508	3510	3514	rVV2	737	369	0.00%	0.001%
92	12.504	3548	3550	3554	rVB2	752	395	0.00%	0.001%
93	12.588	3571	3576	3579	rBV3	924	831	0.01%	0.003%
94	12.607	3579	3582	3587	rVV4	864	808	0.01%	0.003%
95	12.829	3648	3651	3655	rVB2	888	691	0.01%	0.002%
96	13.105	3734	3737	3739	rBV2	825	637	0.01%	0.002%
97	13.163	3752	3755	3758	rBV2	686	458	0.01%	0.001%
98	13.414	3831	3833	3836	rVB3	898	445	0.00%	0.001%
99	13.720	3923	3928	3932	rBV3	970	929	0.01%	0.003%
100	14.231	4084	4087	4089	rBV2	1323	901	0.01%	0.003%

Sum of corrected areas: 30926928

LSC Report - Integrated Chromatogram

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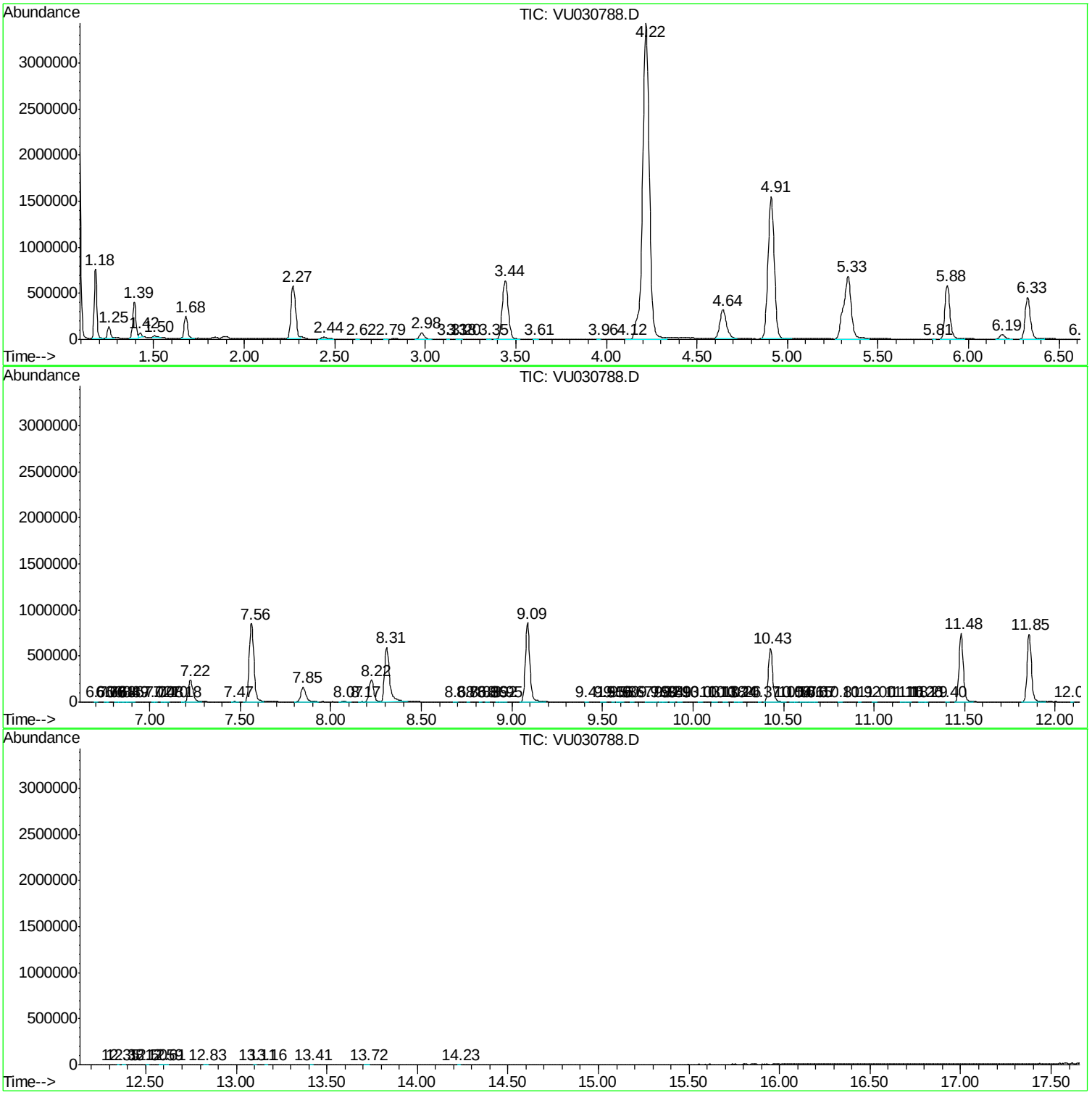
ClientSampleId : E3YE0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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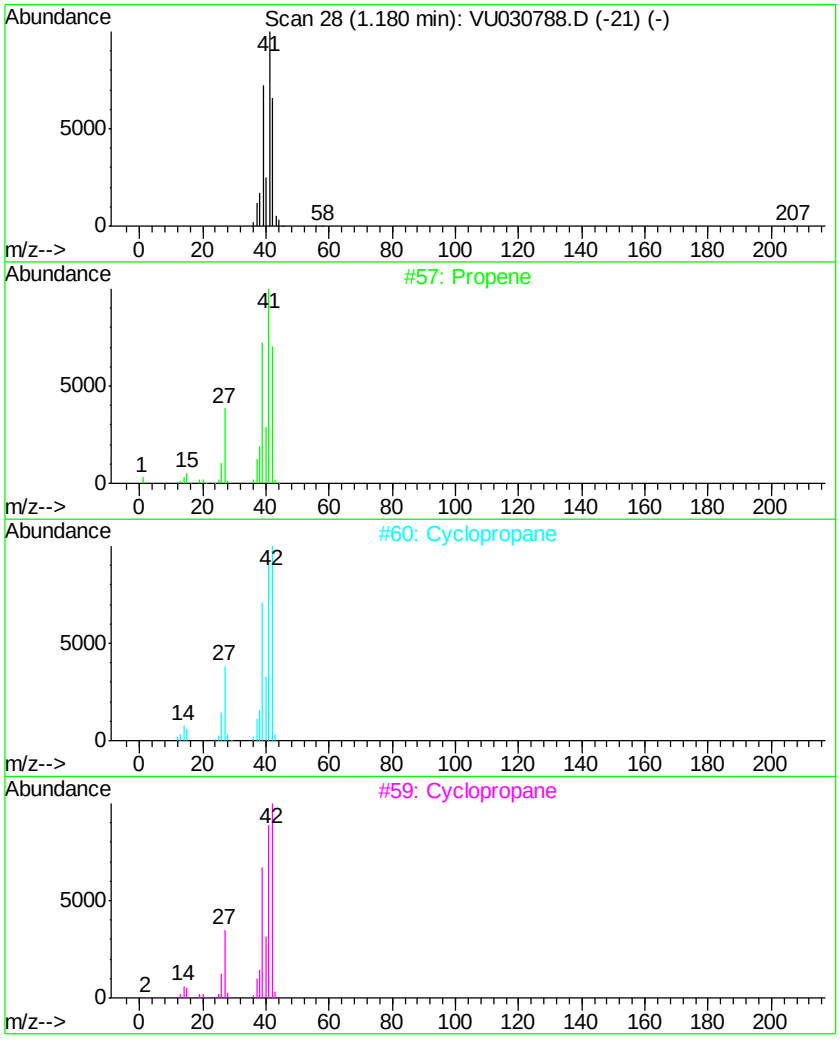
Quant Title : VOC Analysis

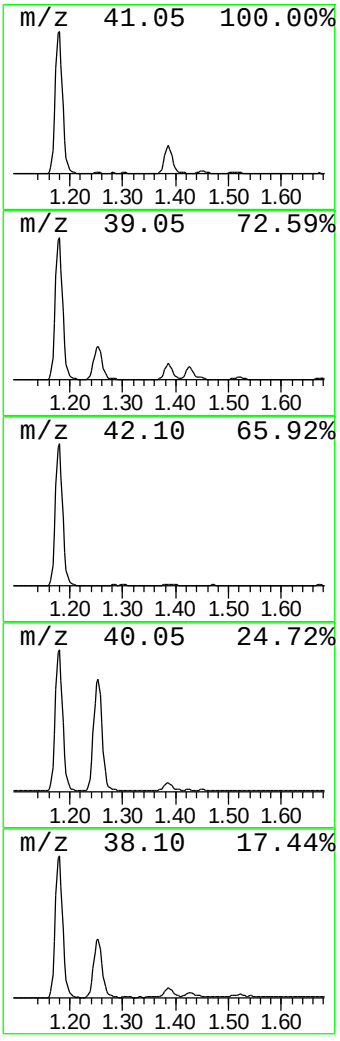
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	30.64 ug/L	726691	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	78
3	Cyclopropane	42	C3H6	000075-19-4	78
4	Propene	42	C3H6	000115-07-1	40
5	Cyclopropane	42	C3H6	000075-19-4	38





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Quant Title : VOC Analysis

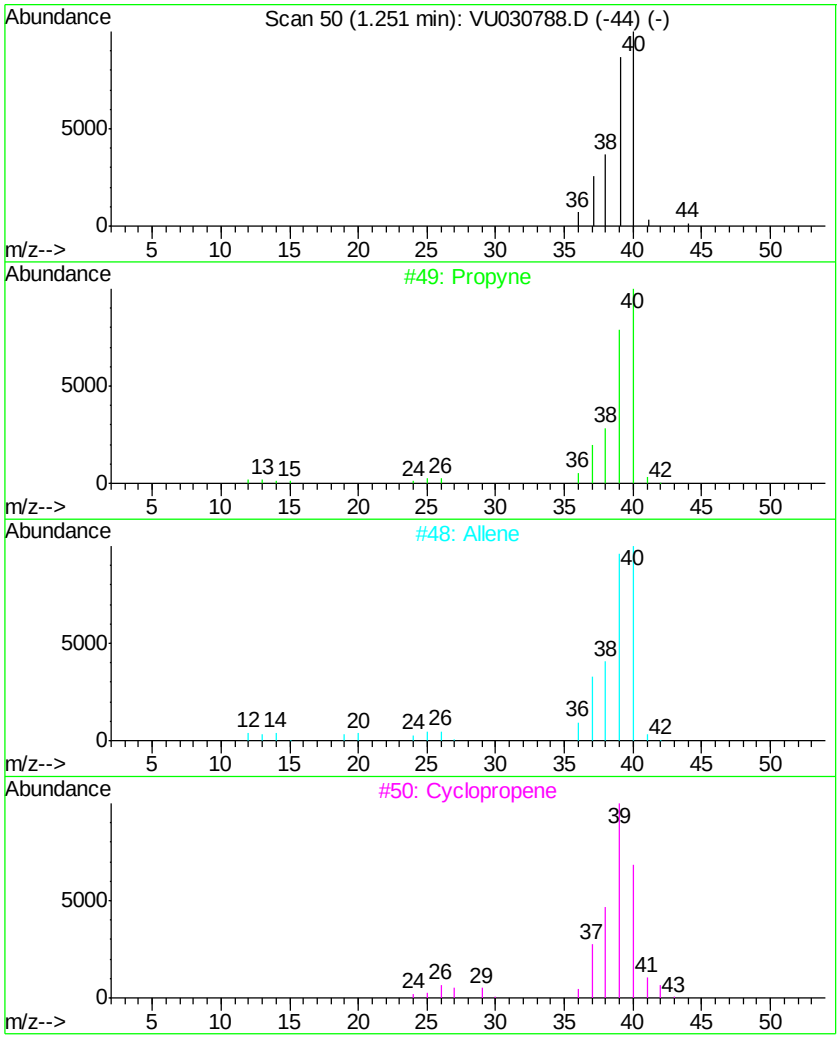
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

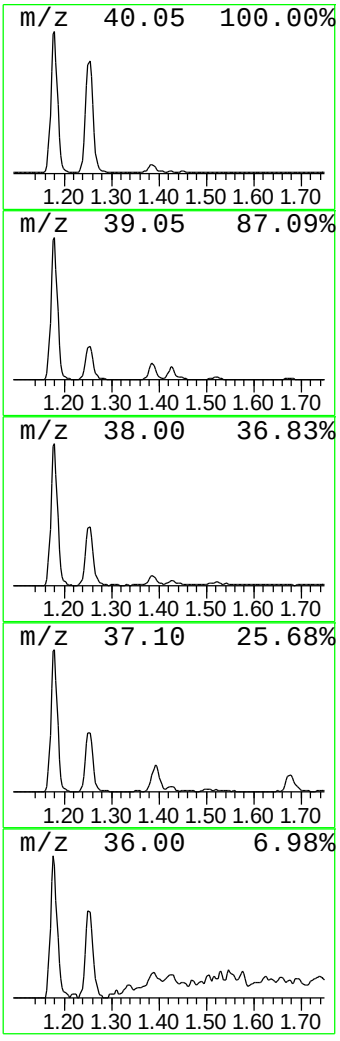
****

Peak Number 2 Propyne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.25	5.94 ug/L	140846	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne	40	C3H4	000074-99-7	90
2	Allene	40	C3H4	000463-49-0	90
3	Cyclopropene	40	C3H4	002781-85-3	43
4	Propane	44	C3H8	000074-98-6	1
5	Propane	44	C3H8	000074-98-6	1





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: Cyc...	1.18	30.6	ug/L	726691	1	5.88	1185990	50.0
Propyne	1.25	5.9	ug/L	140846	1	5.88	1185990	50.0