LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE1

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	42	rBV	906908	872699	9.45%	2.801%
2	1.254	44	51	63	rVV	132061	149393	1.62%	0.479%
3	1.392	86	94	101	rBV2	408898	507204	5.49%	1.628%
4	1.425	101	104	109	rVB	35113	31328	0.34%	0.101%
5	1.505	125	129	132	rBV2	18084	16891	0.18%	0.054%
6	1.679	175	183	195	rVB	247576	316308	3.43%	1.015%
7	1.897	242	251	261	rVB6	26620	46792	0.51%	0.150%
8	2.270	356	367	379	rBV3	587770	1005412	10.89%	3.227%
9	2.441	411	420	436	rBV	27844	52420	0.57%	0.168%
10	2.550	451	454	456	rBV3	1334	828	0.01%	0.003%
11	2.695	491	499	510	rVB10	2180	5091	0.06%	0.016%
12	2.781	521	526	528	rBV3	932	1015	0.01%	0.003%
13	2.826	536	540	541	rBV3	2824	1894	0.02%	0.006%
14	2.926	567	571	575	rBV3	768	706	0.01%	0.002%
15	2.981	575	588	608	rVV2	82291	160608	1.74%	0.515%
16	3.058	608	612	613	rVV3	827	709	0.01%	0.002%
17	3.074	615	617	623	rVB3	1525	1331	0.01%	0.004%
18	3.135	632	636	638	rBV2	1238	802	0.01%	0.003%
19	3.199	654	656	665	rVB4	2031	1968	0.02%	0.006%
20	3.251	670	672	677	rVB3	801	664	0.01%	0.002%
21	3.283	677	682	686	rBV5	1279	1332	0.01%	0.004%
22	3.325	692	695	699	rVB2	844	552	0.01%	0.002%
23	3.441	711	731	756	rBV	639449	1428504	15.47%	4.585%
24	3.630	787	790	792	rBV2	1096	669	0.01%	0.002%
25	3.984	894	900	903	rVB4	797	756	0.01%	0.002%
26	4.006	903	907	912	rVB3	691	600	0.01%	0.002%
27	4.219	946	973	1002	rBV	3583042	9233080	100.00%	29.632%
28	4.643	1091	1105	1134	rVB	318974	803230	8.70%	2.578%
29	4.910	1169	1188	1217	rBV	1487561	3594862	38.93%	11.537%
30	5.334	1297	1320	1352	rBV2	685689	2062675	22.34%	6.620%
31	5.733	1442	1444	1448	rVB3	1013	522	0.01%	0.002%
32	5.759	1448	1452	1455	rBV3	1045	816	0.01%	0.003%
33	5.881	1476	1490	1513	rBV	586803	1165316	12.62%	3.740%
34	6.186	1573	1585	1604	rVB2	48972	101094	1.09%	0.324%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE1

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

35	6.325	1615	1628	1650	rBV	449257	915746	9.92%	2.939%
36	6.627	1719	1722	1726	rBV5	777	749	0.01%	0.002%
37	6.682	1737	1739	1742	rVB3	1098	651	0.01%	0.002%
38	6.784	1768	1771	1776	rVB4	909	811	0.01%	0.003%
39	6.813	1776	1780	1782	rBV2	602	532	0.01%	0.002%
40	6.948	1819	1822	1825	rVB	715	558	0.01%	0.002%
41	6.971	1825	1829	1832	rBV2	983	793	0.01%	0.003%
42	7.106	1864	1871	1880	rVB6	851	1353	0.01%	0.004%
43	7.148	1880	1884	1886	rBV2	760	581	0.01%	0.002%
44	7.225	1897	1908	1924	rBV	237590	429306	4.65%	1.378%
45	7.563	2000	2013	2032	rBV	853230	1506546	16.32%	4.835%
46	7.765	2073	2076	2082	rVB5	1776	1618	0.02%	0.005%
47	7.845	2089	2101	2124	rBV	161859	297864	3.23%	0.956%
48	8.071	2165	2171	2180	rVB8	6194	9107	0.10%	0.029%
49	8.177	2198	2204	2207	rBV6	2664	2691	0.03%	0.009%
50	8.225	2207	2219	2234	rBV2	232184	402029	4.35%	1.290%
51	8.308	2234	2245	2285	rVV	585189	1115112	12.08%	3.579%
52	8.588	2328	2332	2335	rBV4	881	885	0.01%	0.003%
53	8.710	2366	2370	2376	rVB4	1038	827	0.01%	0.003%
54	8.778	2388	2391	2398	rBV5	1254	1389	0.02%	0.004%
55	8.807	2398	2400	2404	rVB4	766	512	0.01%	0.002%
56	8.842	2404	2411	2413	rBV5	841	878	0.01%	0.003%
57	8.945	2438	2443	2445	rBV3	1653	1466	0.02%	0.005%
58	8.961	2445	2448	2452	rVB5	1874	1517	0.02%	0.005%
59	9.087	2474	2487	2523	rBV	848031	1457250	15.78%	4.677%
60	9.270	2542	2544	2548	rVB2	897	501	0.01%	0.002%
61	9.305	2552	2555	2559	rBV4	1408	1247	0.01%	0.004%
62	9.347	2564	2568	2572	rBV3	757	600	0.01%	0.002%
63	9.379	2574	2578	2579	rBV2	788	589	0.01%	0.002%
64	9.537	2622	2627	2630	rBV4	734	793	0.01%	0.003%
65	9.566	2634	2636	2640	rVB3	838	607	0.01%	0.002%
66	9.662	2663	2666	2668	rBV3	554	485	0.01%	0.002%
67	9.723	2681	2685	2688	rBV4	582	493	0.01%	0.002%
68	9.759	2690	2696	2701	rBV5	2917	3095	0.03%	0.010%
69	9.887	2733	2736	2739	rVB3	683	505	0.01%	0.002%
70	9.993	2761	2769	2770	rBV4	600	586	0.01%	0.002%
71	10.061	2784	2790	2792	rBV2	908	860	0.01%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE1

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

72	10.119	2804	2808	2811	rBV4	811	576	0.01%	0.002%
73	10.180	2823	2827	2830	rBV2	629	501	0.01%	0.002%
74	10.321	2866	2871	2874	rBV3	694	600	0.01%	0.002%
75	10.337	2874	2876	2884	rVB3	693	606	0.01%	0.002%
76	10.427	2889	2904	2931	rBV	577665	957398	10.37%	3.073%
77	10.530	2934	2936	2940	rVB2	1056	608	0.01%	0.002%
78	10.601	2952	2958	2971	rVB9	2404	4553	0.05%	0.015%
79	10.935	3058	3062	3067	rBV4	615	604	0.01%	0.002%
80	11.086	3105	3109	3111	rBV3	827	536	0.01%	0.002%
81	11.115	3114	3118	3121	rVB3	560	547	0.01%	0.002%
82	11.202	3141	3145	3147	rVB4	791	559	0.01%	0.002%
83	11.283	3164	3170	3172	rBV2	753	741	0.01%	0.002%
84	11.382	3197	3201	3205	rBV5	858	939	0.01%	0.003%
85	11.408	3206	3209	3215	rVB3	812	742	0.01%	0.002%
86	11.482	3220	3232	3255	rBV	732051	1216660	13.18%	3.905%
87	11.749	3312	3315	3321	rBV5	1220	1180	0.01%	0.004%
88	11.810	3330	3334	3336	rBV3	692	543	0.01%	0.002%
89	11.855	3336	3348	3375	rBV	718235	1233326	13.36%	3.958%
90	12.424	3521	3525	3528	rVV4	552	541	0.01%	0.002%
91	12.485	3540	3544	3549	rVB5	1693	1577	0.02%	0.005%
92	12.511	3549	3552	3555	rBV3	800	673	0.01%	0.002%
93	12.572	3567	3571	3575	rBV2	664	628	0.01%	0.002%
94	12.939	3681	3685	3690	rBV4	816	1019	0.01%	0.003%
95	13.299	3793	3797	3802	rVB3	810	643	0.01%	0.002%
96	13.906	3984	3986	3992	rVB4	932	755	0.01%	0.002%
97	14.131	4052	4056	4059	rBV4	773	762	0.01%	0.002%
98	14.151	4060	4062	4064	rVB3	1180	511	0.01%	0.002%
99	14.183	4068	4072	4074	rBV2	732	617	0.01%	0.002%
100	14.819	4267	4270	4272	rBV2	1227	668	0.01%	0.002%

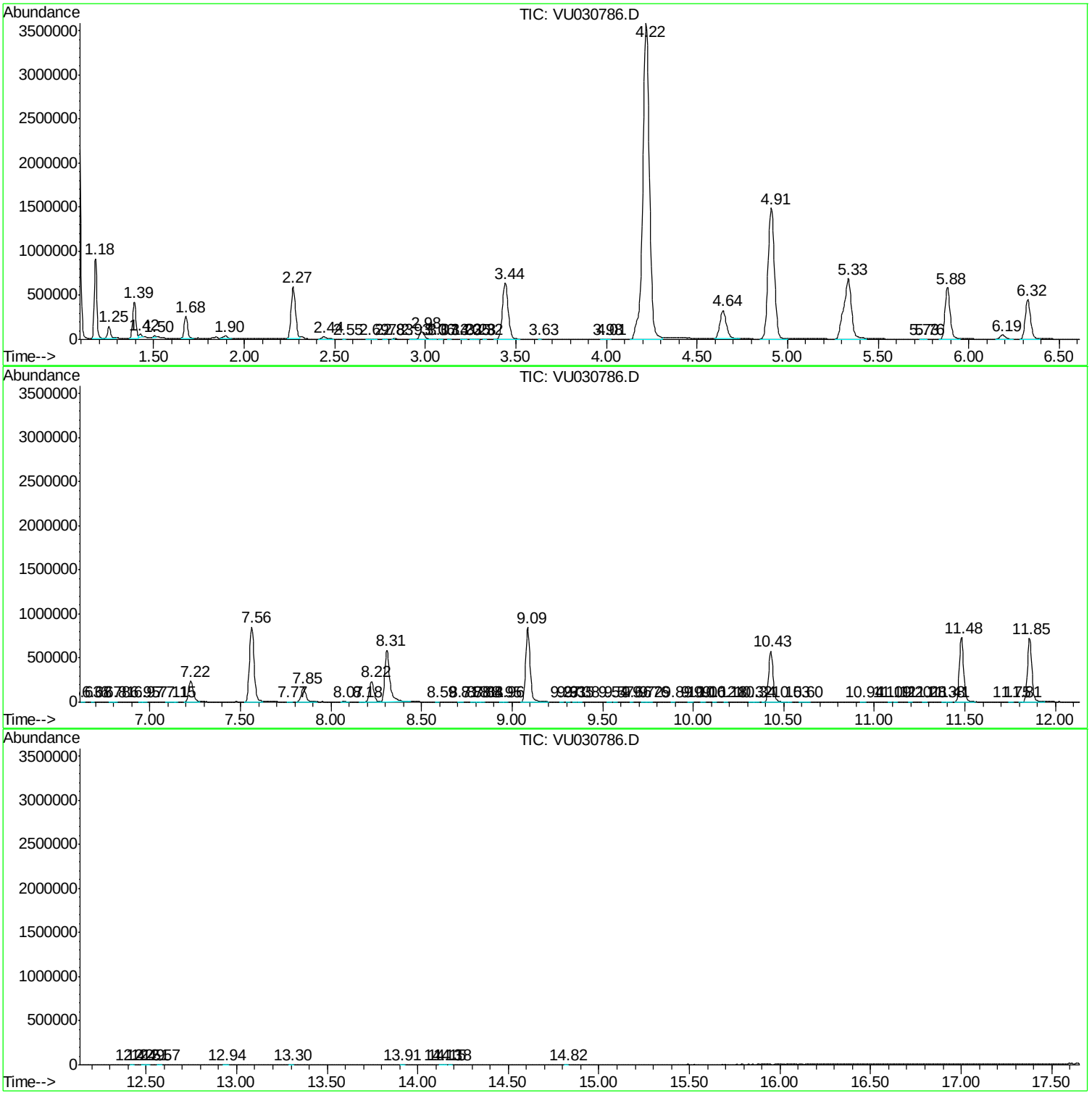
Sum of corrected areas: 31158816

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE1

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE1

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

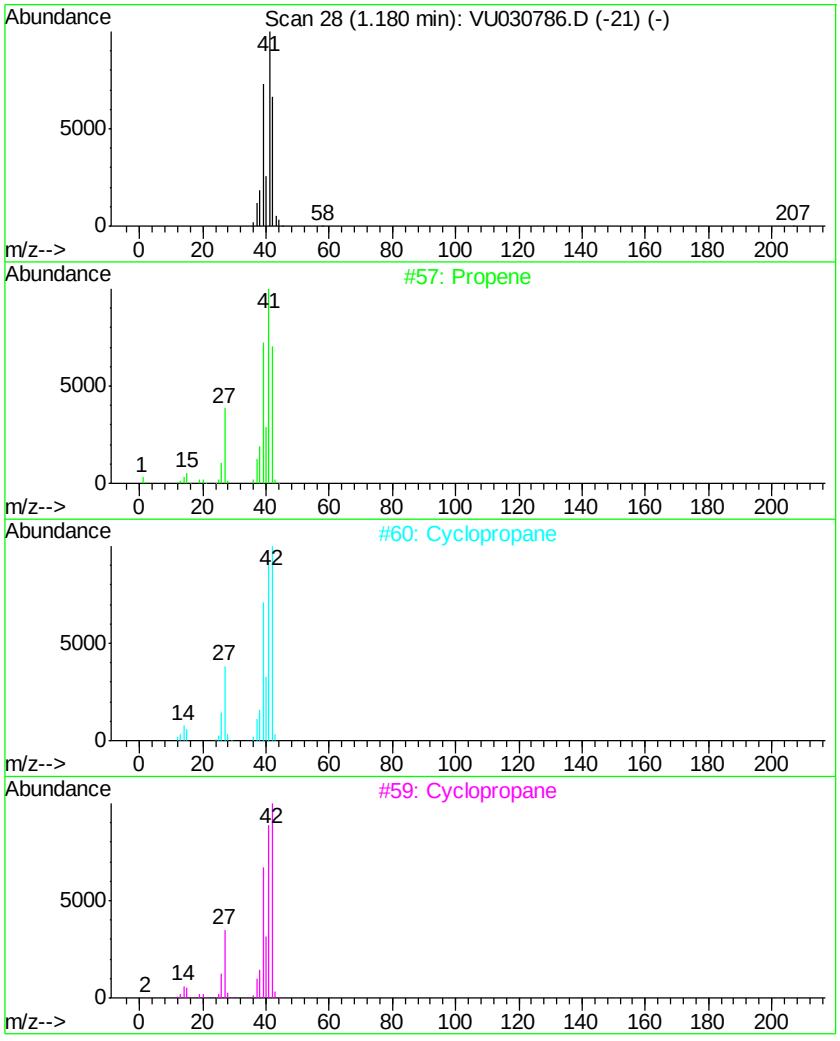
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

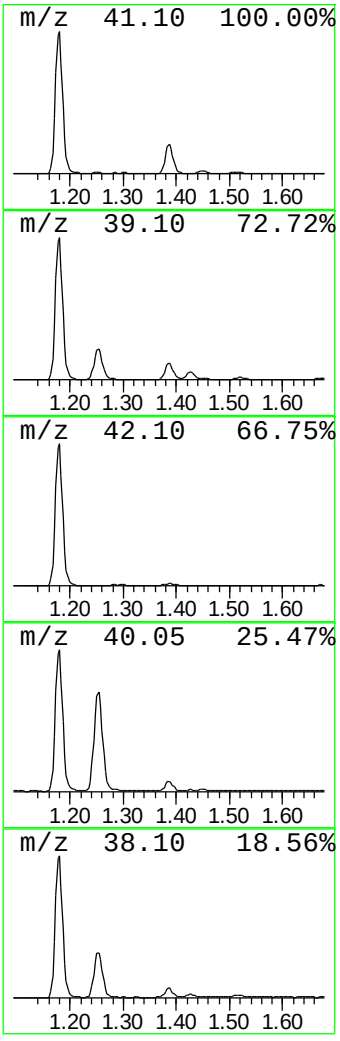
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	37.44 ug/L	872699	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE1

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

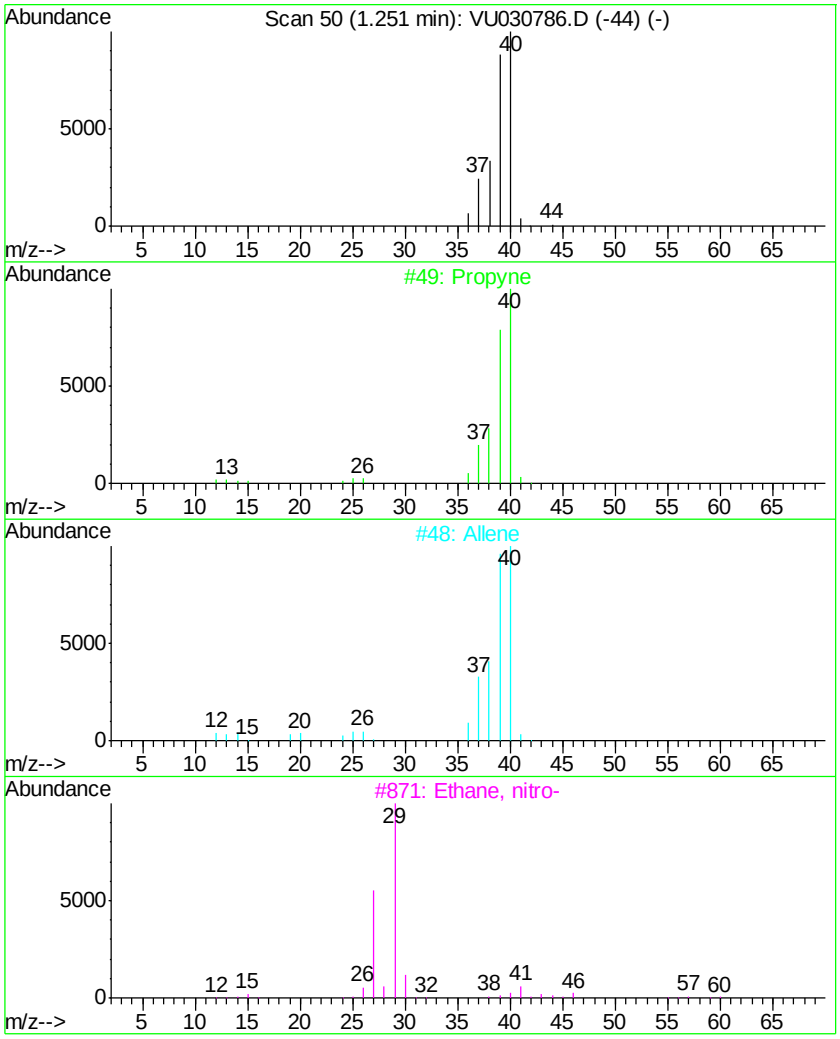
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

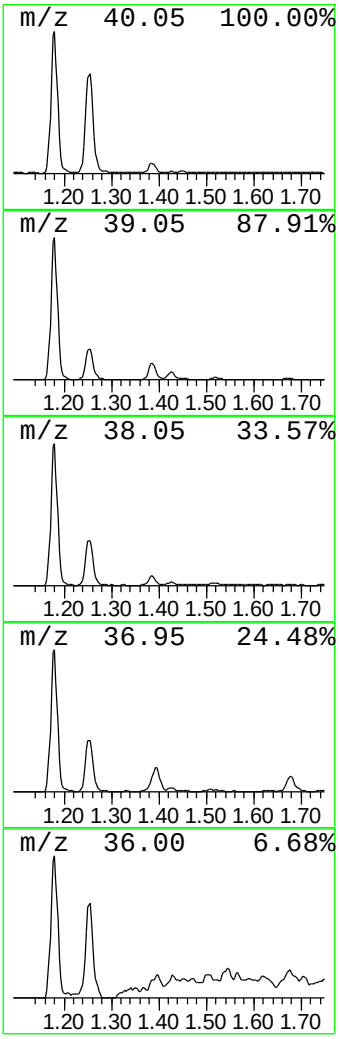
****

Peak Number 2 Propyne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.25	6.41 ug/L	149393	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	Ethane, nitro-	75	C2H5NO2	000079-24-3	1
4	3-Methyl-1,2-diazirine	56	C2H4N2	1000305-83-7	1
5	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	1





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.18	37.4	ug/L	872699	1	5.88	1165320	50.0
Propyne	1.25	6.4	ug/L	149393	1	5.88	1165320	50.0