LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030781.D
Acq On : 06 Apr 2019 07:10
Operator : JC/SP
Sample : K2269-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BR7

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	23	28	37	rBV	14164	13249	0.62%	0.082%
2	1.396	88	95	104	rBV	346388	350729	16.49%	2.177%
3	1.678	174	183	197	rVB	249274	322632	15.17%	2.003%
4	2.183	337	340	349	rVB5	7634	8953	0.42%	0.056%
5	2.267	356	366	378	rBV	514263	775144	36.45%	4.811%
6	2.437	410	419	437	rBV	33369	62257	2.93%	0.386%
7	2.656	485	487	492	rVB3	817	543	0.03%	0.003%
8	2.691	494	498	501	rBV4	1699	1493	0.07%	0.009%
9	2.743	510	514	516	rBV2	726	423	0.02%	0.003%
10	2.788	524	528	530	rBV2	1036	1002	0.05%	0.006%
11	2.836	530	543	556	rVB2	16597	32362	1.52%	0.201%
12	3.003	592	595	599	rBV4	790	744	0.03%	0.005%
13	3.161	641	644	648	rVV	607	605	0.03%	0.004%
14	3.203	652	657	664	rVB6	913	930	0.04%	0.006%
15	3.280	677	681	685	rVB2	746	600	0.03%	0.004%
16	3.334	693	698	703	rVB3	741	850	0.04%	0.005%
17	3.453	728	735	738	rBV3	588	664	0.03%	0.004%
18	3.601	779	781	785	rVB2	764	421	0.02%	0.003%
19	3.662	795	800	804	rBV3	572	492	0.02%	0.003%
20	3.817	844	848	852	rVB3	490	425	0.02%	0.003%
21	3.990	897	902	904	rBV3	524	499	0.02%	0.003%
22	4.096	931	935	938	rBV2	498	497	0.02%	0.003%
23	4.174	943	959	1002	rBV2	267182	818023	38.47%	5.078%
24	4.643	1088	1105	1128	rBV	333549	821782	38.65%	5.101%
25	4.942	1195	1198	1199	rBV2	819	484	0.02%	0.003%
26	4.984	1207	1211	1215	rBV6	780	827	0.04%	0.005%
27	5.058	1231	1234	1237	rBV3	695	517	0.02%	0.003%
28	5.122	1252	1254	1260	rVB5	789	584	0.03%	0.004%
29	5.334	1296	1320	1347	rBV2	713104	2126488	100.00%	13.200%
30	5.881	1477	1490	1514	rBV	589340	1172861	55.15%	7.280%
31	6.135	1566	1569	1572	rBV3	985	678	0.03%	0.004%
32	6.177	1577	1582	1584	rBV5	2149	2174	0.10%	0.013%
33	6.225	1595	1597	1601	rBV2	713	566	0.03%	0.004%
34	6.328	1614	1629	1653	rBV	477613	970856	45.66%	6.026%

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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BR7

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	6.595	1710	1712	1716	rVV4	935	737	0.03%	0.005%
36	6.630	1720	1723	1729	rVB6	1478	1223	0.06%	0.008%
37	6.772	1765	1767	1771	rVV2	630	444	0.02%	0.003%
38	6.874	1796	1799	1801	rVV4	812	561	0.03%	0.003%
39	6.903	1804	1808	1811	rVB3	574	519	0.02%	0.003%
40	6.974	1829	1830	1835	rVB3	730	469	0.02%	0.003%
41	7.000	1835	1838	1841	rBV3	648	519	0.02%	0.003%
42	7.177	1889	1893	1897	rBV4	924	819	0.04%	0.005%
43	7.225	1897	1908	1932	rBV2	226396	429991	20.22%	2.669%
44	7.453	1977	1979	1983	rVV4	585	459	0.02%	0.003%
45	7.562	2000	2013	2052	rBV	906642	1627127	76.52%	10.100%
46	7.849	2091	2102	2123	rBV2	161684	293658	13.81%	1.823%
47	8.119	2185	2186	2192	rVB2	857	621	0.03%	0.004%
48	8.173	2192	2203	2218	rBV4	3013	6748	0.32%	0.042%
49	8.308	2234	2245	2284	rBV	618593	1206386	56.73%	7.488%
50	8.569	2323	2326	2329	rVV5	1134	679	0.03%	0.004%
51	8.665	2352	2356	2359	rVB5	1195	996	0.05%	0.006%
52	8.701	2364	2367	2369	rVV2	793	436	0.02%	0.003%
53	8.749	2380	2382	2389	rVB4	551	478	0.02%	0.003%
54	8.778	2389	2391	2395	rBV2	702	484	0.02%	0.003%
55	8.845	2407	2412	2413	rBV	667	464	0.02%	0.003%
56	8.935	2439	2440	2446	rVB3	658	507	0.02%	0.003%
57	9.087	2472	2487	2528	rBV	868976	1490863	70.11%	9.254%
58	9.296	2549	2552	2556	rBV5	837	786	0.04%	0.005%
59	9.402	2582	2585	2588	rVB4	821	483	0.02%	0.003%
60	9.508	2612	2618	2626	rBV5	1083	1213	0.06%	0.008%
61	9.604	2645	2648	2651	rBV2	717	556	0.03%	0.003%
62	9.636	2655	2658	2661	rBV2	830	526	0.02%	0.003%
63	9.784	2698	2704	2709	rBV6	632	849	0.04%	0.005%
64	9.826	2713	2717	2719	rBV	888	543	0.03%	0.003%
65	9.855	2722	2726	2729	rBV3	952	654	0.03%	0.004%
66	9.897	2737	2739	2746	rVB3	648	522	0.02%	0.003%
67	9.980	2760	2765	2770	rBV3	471	572	0.03%	0.004%
68	10.013	2770	2775	2777	rVV3	803	691	0.03%	0.004%
69	10.038	2779	2783	2787	rBV3	880	950	0.04%	0.006%
70	10.083	2795	2797	2802	rVB3	849	820	0.04%	0.005%
71	10.222	2835	2840	2844	rVB2	1285	1288	0.06%	0.008%

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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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	10.286	2858	2860	2862	rBV2	793	425	0.02%	0.003%
73	10.308	2865	2867	2871	rVB2	733	518	0.02%	0.003%
74	10.427	2892	2904	2929	rBV	605279	1005998	47.31%	6.244%
75	10.550	2940	2942	2945	rBV2	583	424	0.02%	0.003%
76	10.601	2952	2958	2969	rVB9	3263	4961	0.23%	0.031%
77	10.755	3004	3006	3012	rVB3	507	431	0.02%	0.003%
78	10.842	3028	3033	3037	rBV2	578	661	0.03%	0.004%
79	10.916	3054	3056	3061	rVB2	908	621	0.03%	0.004%
80	11.254	3158	3161	3168	rBV4	549	627	0.03%	0.004%
81	11.286	3168	3171	3173	rBV	693	435	0.02%	0.003%
82	11.299	3173	3175	3179	rVV2	1031	770	0.04%	0.005%
83	11.334	3183	3186	3191	rBV3	568	430	0.02%	0.003%
84	11.411	3205	3210	3212	rBV3	854	700	0.03%	0.004%
85	11.482	3219	3232	3252	rBV	753718	1221035	57.42%	7.579%
86	11.675	3288	3292	3294	rBV4	1657	1263	0.06%	0.008%
87	11.775	3320	3323	3326	rBV3	1150	701	0.03%	0.004%
88	11.791	3326	3328	3330	rBV3	890	513	0.02%	0.003%
89	11.855	3335	3348	3373	rBV	767946	1294903	60.89%	8.038%
90	12.424	3521	3525	3527	rBV4	1387	1188	0.06%	0.007%
91	12.566	3566	3569	3571	rBV2	894	627	0.03%	0.004%
92	12.643	3588	3593	3595	rBV3	691	680	0.03%	0.004%
93	13.385	3822	3824	3828	rBV2	728	463	0.02%	0.003%
94	13.434	3836	3839	3842	rBV	775	578	0.03%	0.004%
95	13.848	3965	3968	3970	rBV4	764	498	0.02%	0.003%
96	13.887	3977	3980	3983	rBV	813	622	0.03%	0.004%
97	13.906	3983	3986	3990	rVV3	1122	844	0.04%	0.005%
98	15.257	4404	4406	4410	rBV4	1116	702	0.03%	0.004%
99	15.524	4487	4489	4491	rBV3	1496	774	0.04%	0.005%
100	15.540	4491	4494	4497	rVV2	1474	975	0.05%	0.006%

Sum of corrected areas: 16110362

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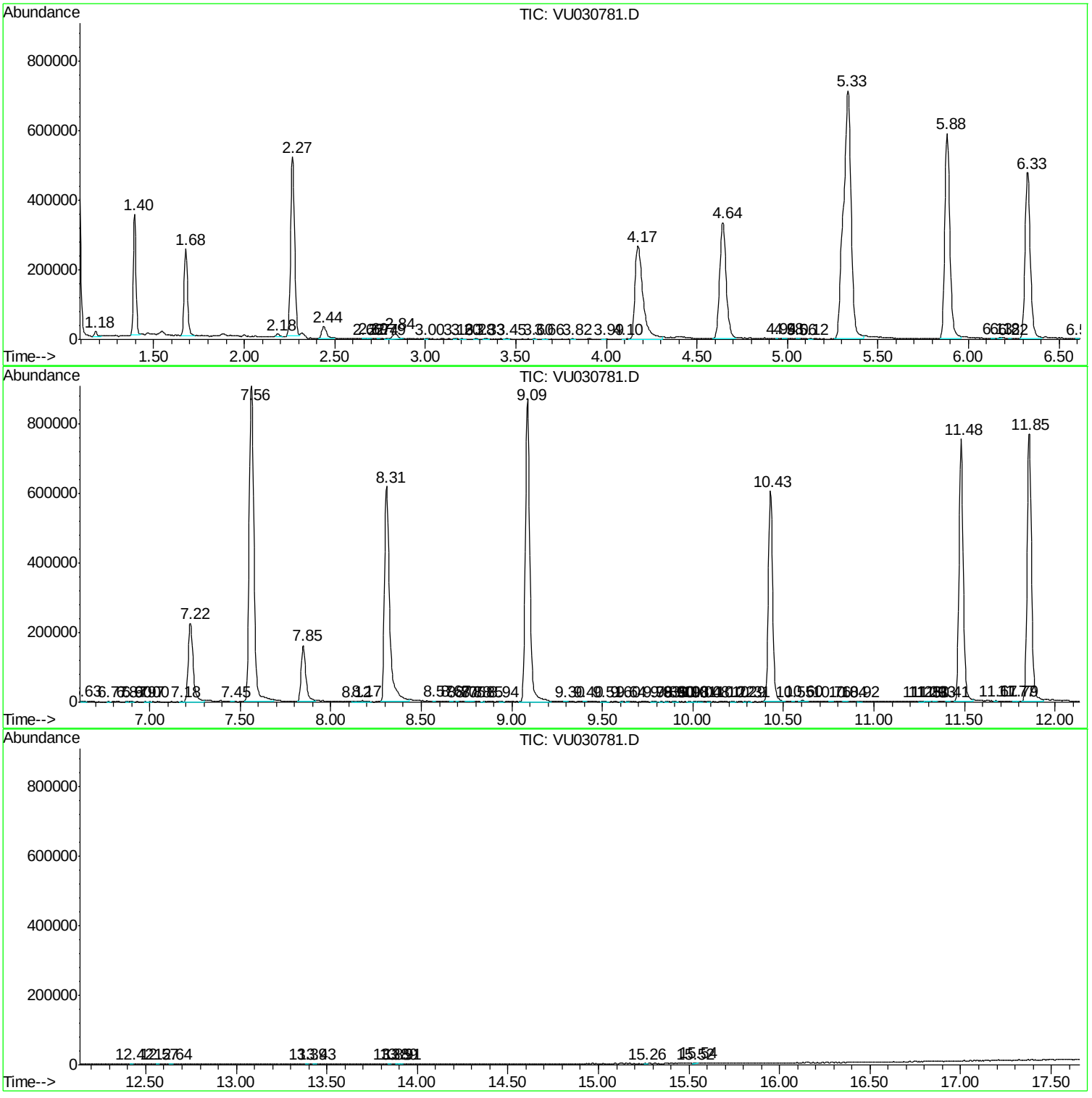
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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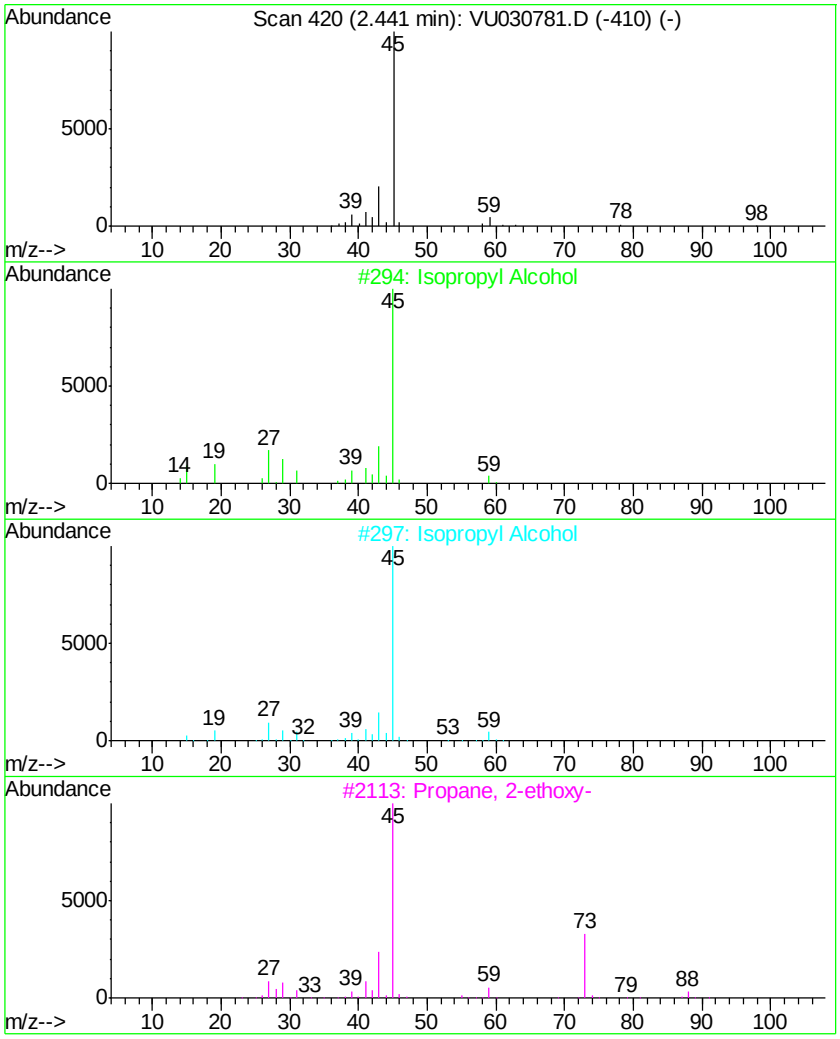
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

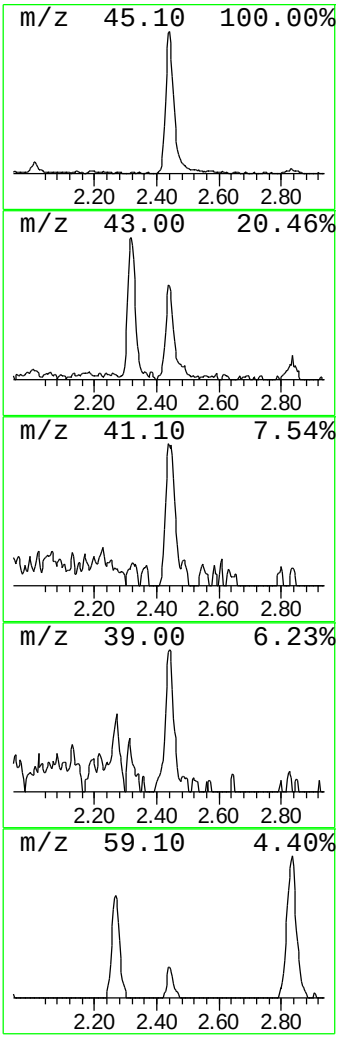
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.65 ug/L	62257	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	2,4-Pentanediol	104	C5H12O2	000625-69-4	9





Library Search Compound Report

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ClientSampleId : C0BR7

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

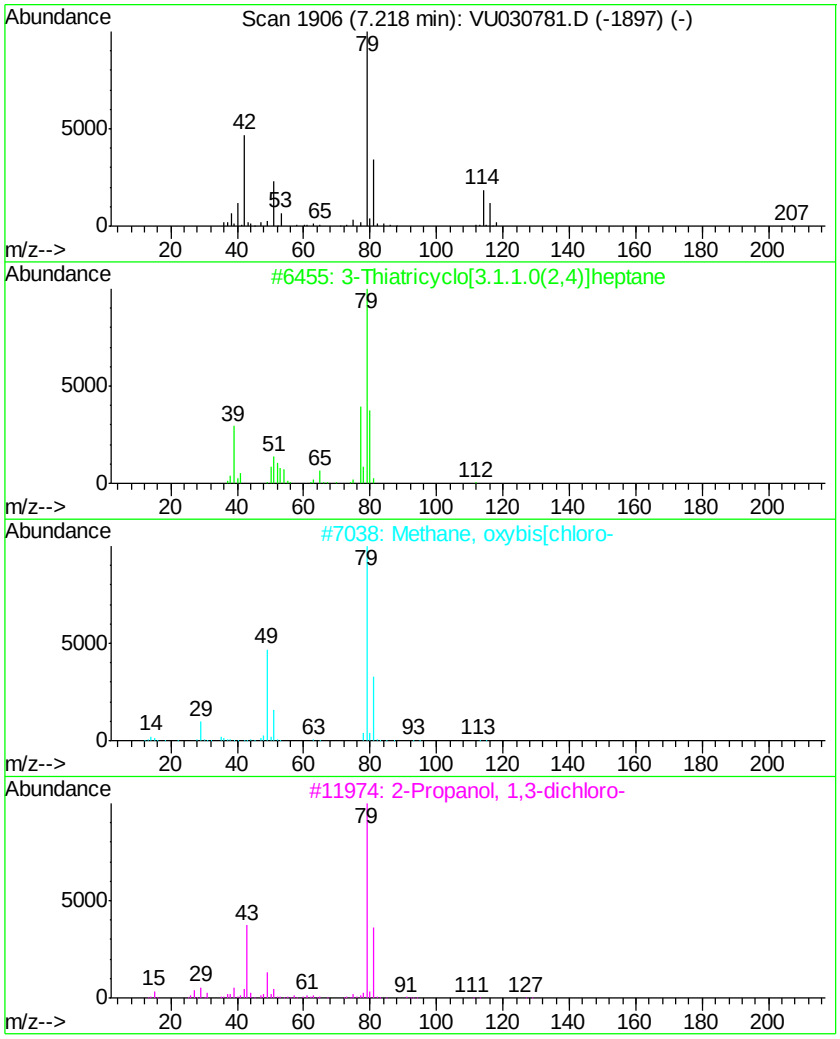
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

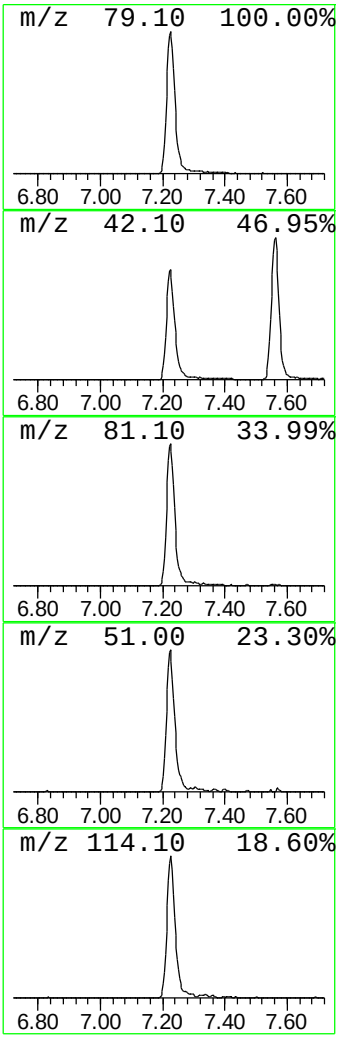
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	18.33 ug/L	429991	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	25
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
4	Thiophosgene	114	CCl2S	000463-71-8	16
5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9





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
Isopropyl Alcohol	2.44	2.6	ug/L	62257	1	5.88	1172860	50.0
unknown-01	7.22	18.3	ug/L	429991	1	5.88	1172860	50.0