LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113018\
Data File : VU028423.D
Acq On : 30 Nov 2018 15:10
Operator : MD/SY
Sample : J6077-20
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9Y45

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\SOMULM113018WMA.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	1.399	63	70	83	rVB	332056	330101	14.33%	1.861%
2	1.681	150	158	174	rVB	261101	322608	14.01%	1.818%
3	2.273	331	342	354	rBV	508966	761615	33.07%	4.293%
4	2.443	382	395	411	rBV	39542	73227	3.18%	0.413%
5	2.588	438	440	443	rBV4	554	399	0.02%	0.002%
6	2.694	468	473	481	rVV8	1747	2320	0.10%	0.013%
7	2.739	485	487	490	rBV2	812	439	0.02%	0.002%
8	2.781	497	500	502	rBV3	442	331	0.01%	0.002%
9	2.833	507	516	530	rVV2	6059	12462	0.54%	0.070%
10	2.929	542	546	549	rBV4	780	568	0.02%	0.003%
11	2.955	549	554	555	rBV3	580	471	0.02%	0.003%
12	2.990	561	565	566	rBV3	695	444	0.02%	0.003%
13	3.289	654	658	659	rBV3	449	359	0.02%	0.002%
14	3.302	659	662	664	rVV3	756	509	0.02%	0.003%
15	3.315	664	666	671	rVB4	681	419	0.02%	0.002%
16	3.498	718	723	726	rVB5	750	703	0.03%	0.004%
17	3.530	726	733	736	rBV2	669	724	0.03%	0.004%
18	3.775	805	809	812	rVV4	649	489	0.02%	0.003%
19	3.820	820	823	827	rBV3	432	333	0.01%	0.002%
20	3.871	835	839	842	rVB4	421	390	0.02%	0.002%
21	3.990	873	876	877	rBV2	660	367	0.02%	0.002%
22	4.061	893	898	900	rBV4	468	402	0.02%	0.002%
23	4.106	909	912	915	rBV3	522	356	0.02%	0.002%
24	4.177	919	934	964	rBV	234747	649961	28.22%	3.663%
25	4.402	998	1004	1008	rBV5	1488	1961	0.09%	0.011%
26	4.646	1063	1080	1100	rBV	375808	858726	37.28%	4.840%
27	4.823	1132	1135	1138	rVB2	1088	611	0.03%	0.003%
28	4.881	1146	1153	1157	rBV8	1308	1835	0.08%	0.010%
29	4.993	1183	1188	1190	rVV5	1117	954	0.04%	0.005%
30	5.035	1198	1201	1204	rVB3	602	381	0.02%	0.002%
31	5.138	1230	1233	1236	rVB3	803	549	0.02%	0.003%
32	5.173	1236	1244	1246	rVB3	591	741	0.03%	0.004%
33	5.212	1246	1256	1259	rBV4	781	1162	0.05%	0.007%
34	5.340	1270	1296	1324	rBV2	776904	2303268	100.00%	12.982%

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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
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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\SOMULM113018WMA.M
Title : VOC Analysis

35	5.569	1363	1367	1371	rVB3	1234	966	0.04%	0.005%
36	5.591	1371	1374	1377	rBV3	688	578	0.03%	0.003%
37	5.614	1378	1381	1391	rVV7	612	1018	0.04%	0.006%
38	5.675	1397	1400	1403	rVB2	952	529	0.02%	0.003%
39	5.717	1411	1413	1416	rVB2	763	409	0.02%	0.002%
40	5.739	1416	1420	1422	rBV3	833	649	0.03%	0.004%
41	5.781	1427	1433	1436	rBV5	859	907	0.04%	0.005%
42	5.884	1451	1465	1493	rBV	676890	1338953	58.13%	7.547%
43	6.041	1512	1514	1517	rBV2	851	441	0.02%	0.002%
44	6.125	1534	1540	1545	rBV5	902	1119	0.05%	0.006%
45	6.186	1550	1559	1566	rBV7	5766	10863	0.47%	0.061%
46	6.331	1588	1604	1625	rBV	534115	1063969	46.19%	5.997%
47	6.485	1650	1652	1655	rVB4	762	345	0.01%	0.002%
48	6.540	1666	1669	1671	rBV3	560	460	0.02%	0.003%
49	6.578	1677	1681	1685	rBV5	1078	842	0.04%	0.005%
50	6.620	1692	1694	1698	rVB4	531	374	0.02%	0.002%
51	6.736	1726	1730	1732	rVV4	760	591	0.03%	0.003%
52	6.778	1739	1743	1750	rVB6	1170	1225	0.05%	0.007%
53	6.823	1754	1757	1758	rBV2	762	339	0.01%	0.002%
54	6.906	1780	1783	1790	rVB5	1368	1334	0.06%	0.008%
55	6.996	1809	1811	1816	rVB3	539	419	0.02%	0.002%
56	7.064	1826	1832	1834	rBV2	543	507	0.02%	0.003%
57	7.119	1847	1849	1854	rVB3	634	370	0.02%	0.002%
58	7.151	1854	1859	1863	rBV3	677	684	0.03%	0.004%
59	7.225	1869	1882	1906	rBV	303228	547806	23.78%	3.088%
60	7.340	1916	1918	1923	rBV4	524	404	0.02%	0.002%
61	7.369	1924	1927	1928	rBV2	827	428	0.02%	0.002%
62	7.463	1953	1956	1958	rBV2	874	572	0.02%	0.003%
63	7.565	1966	1988	2004	rBV	1000979	1770694	76.88%	9.980%
64	7.781	2053	2055	2060	rVB3	1327	835	0.04%	0.005%
65	7.848	2062	2076	2093	rBV	210498	357423	15.52%	2.015%
66	7.938	2102	2104	2108	rBV3	753	399	0.02%	0.002%
67	8.016	2126	2128	2131	rVB3	657	346	0.02%	0.002%
68	8.096	2151	2153	2158	rBV6	527	358	0.02%	0.002%
69	8.176	2163	2178	2188	rBV3	6034	11371	0.49%	0.064%
70	8.228	2188	2194	2201	rVB6	2542	2992	0.13%	0.017%
71	8.263	2201	2205	2206	rBV2	567	391	0.02%	0.002%

LSC Area Percent Report

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ClientSampleId : F9Y45

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\SOMULM113018WMA.M
Title : VOC Analysis

72	8.308	2206	2219	2259	rBV	746875	1302721	56.56%	7.342%
73	8.601	2301	2310	2327	rVB10	3645	8578	0.37%	0.048%
74	8.742	2345	2354	2355	rBV3	1714	1585	0.07%	0.009%
75	8.813	2370	2376	2382	rBV7	3184	4759	0.21%	0.027%
76	8.848	2383	2387	2399	rVB9	2747	5426	0.24%	0.031%
77	9.090	2449	2462	2479	rBV	957471	1609683	69.89%	9.073%
78	9.254	2503	2513	2521	rBV5	3570	6018	0.26%	0.034%
79	9.286	2521	2523	2525	rVB3	1164	522	0.02%	0.003%
80	9.324	2529	2535	2536	rBV4	1158	964	0.04%	0.005%
81	9.376	2542	2551	2559	rBV2	9392	14851	0.64%	0.084%
82	9.440	2566	2571	2573	rBV5	3409	3165	0.14%	0.018%
83	9.530	2597	2599	2602	rBV3	676	523	0.02%	0.003%
84	9.559	2602	2608	2618	rVB7	3363	5526	0.24%	0.031%
85	9.610	2622	2624	2627	rVB	565	327	0.01%	0.002%
86	9.652	2627	2637	2640	rBV7	1421	2457	0.11%	0.014%
87	9.717	2648	2657	2666	rVB8	4473	7146	0.31%	0.040%
88	9.948	2713	2729	2741	rBV2	24624	42752	1.86%	0.241%
89	10.041	2753	2758	2765	rVV8	4373	5987	0.26%	0.034%
90	10.089	2766	2773	2783	rVB2	18821	30229	1.31%	0.170%
91	10.221	2805	2814	2816	rBV6	3357	4499	0.20%	0.025%
92	10.305	2836	2840	2854	rVB10	2544	5079	0.22%	0.029%
93	10.363	2854	2858	2859	rBV2	869	594	0.03%	0.003%
94	10.376	2860	2862	2866	rBV3	941	709	0.03%	0.004%
95	10.430	2867	2879	2893	rBV	665642	1054790	45.80%	5.945%
96	10.749	2972	2978	2988	rBV6	11418	17635	0.77%	0.099%
97	11.482	3195	3206	3227	rVB	984064	1546865	67.16%	8.719%
98	11.745	3282	3288	3308	rVB2	18238	35108	1.52%	0.198%
99	11.858	3312	3323	3342	rVB	948888	1510340	65.57%	8.513%
100	13.884	3946	3953	3965	rBV	40514	61302	2.66%	0.346%

Sum of corrected areas: 17742235

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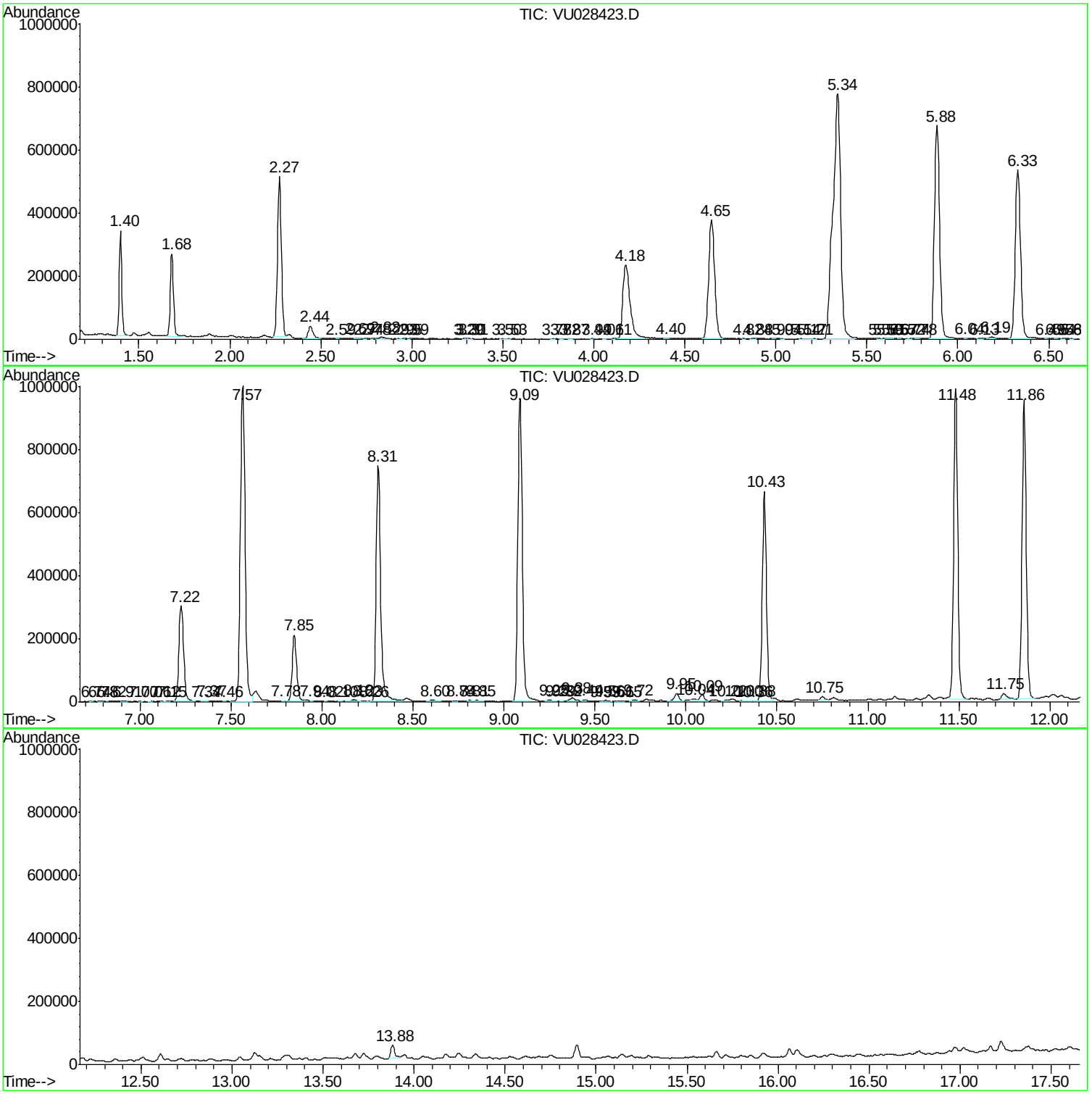
ClientSampleId :
F9Y45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.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\VU113018\
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ClientSampleId : F9Y45

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis

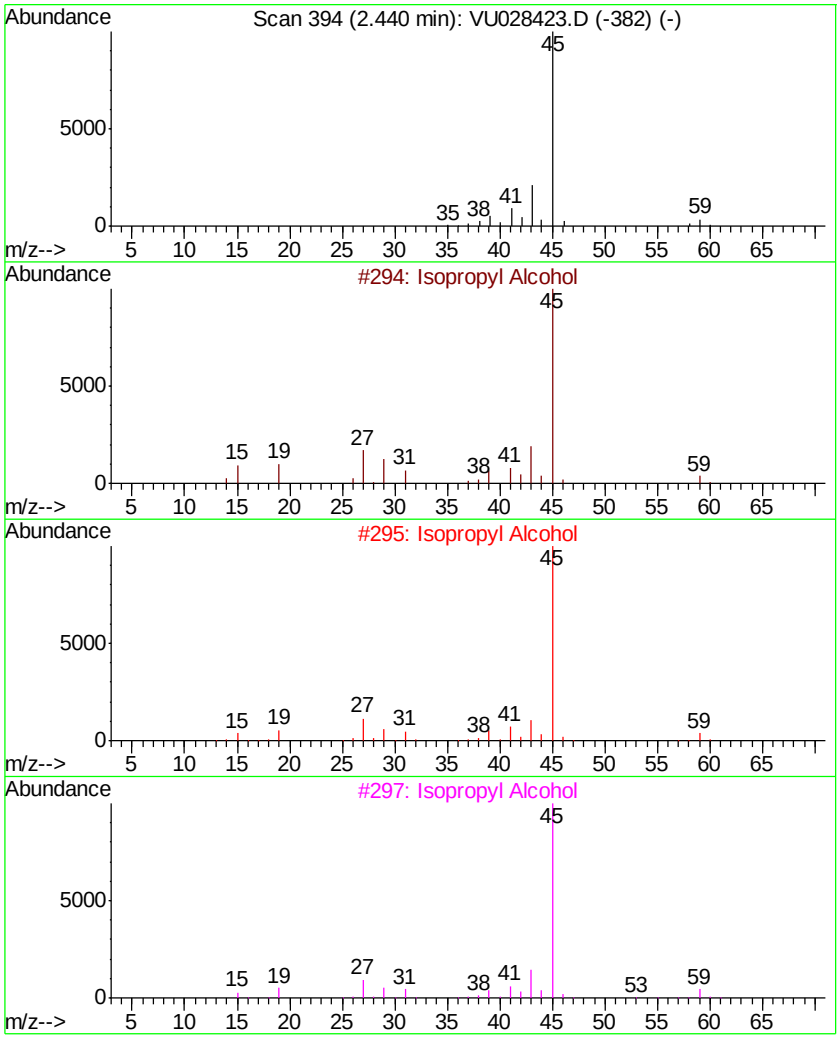
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

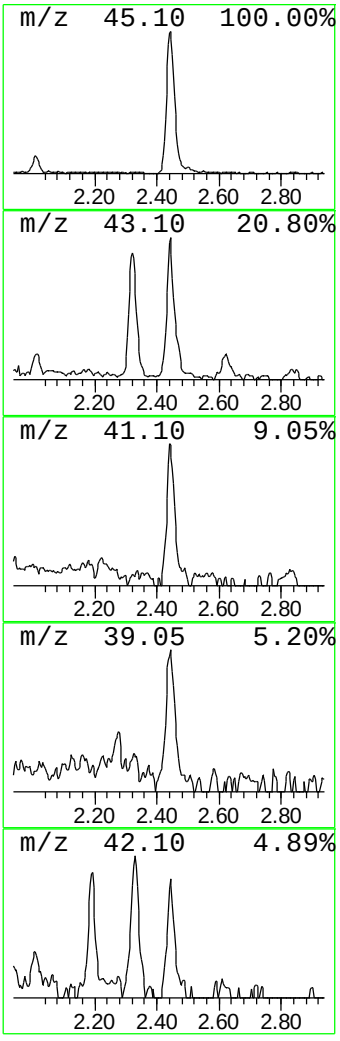
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.73 ug/L	73227	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	(R)-(-)-2-Pentanol	88	C5H12O	031087-44-2	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis

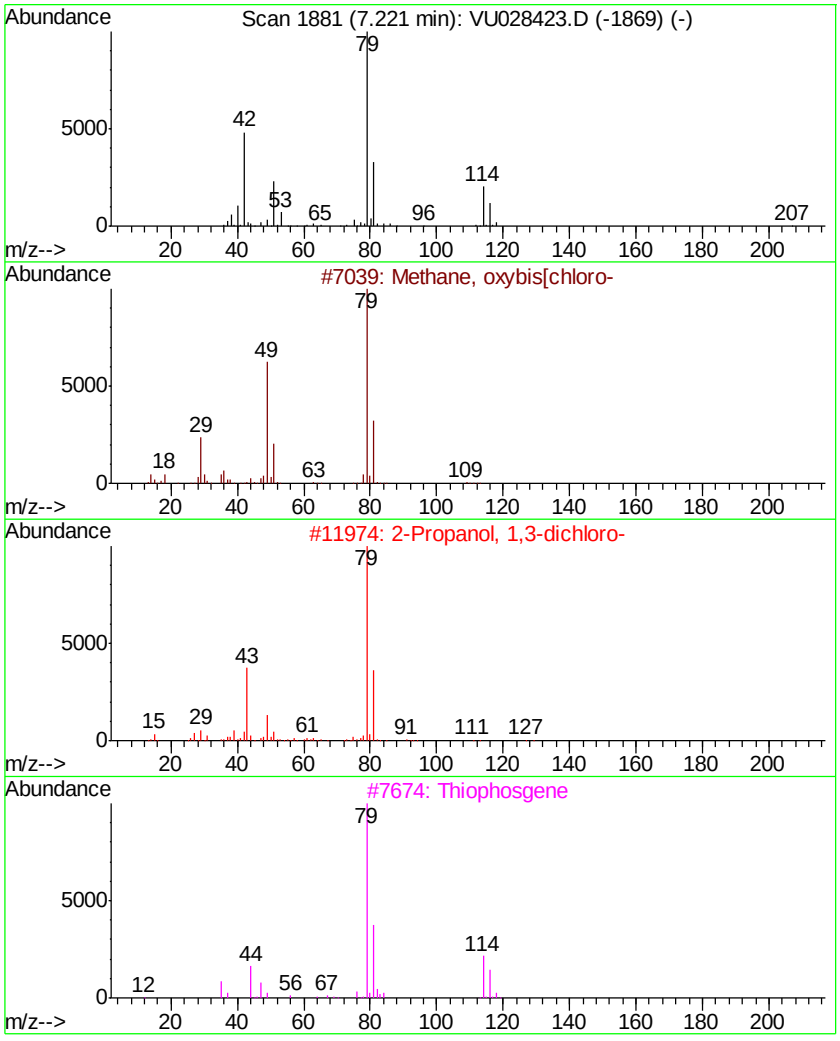
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

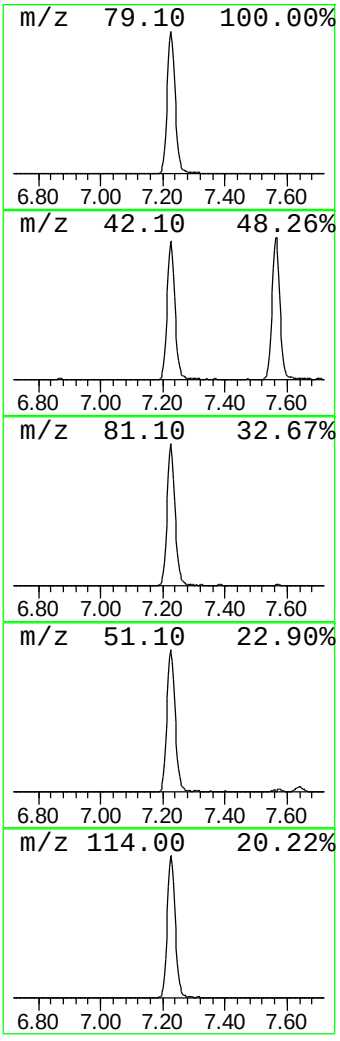
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	20.46 ug/L	547806	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
2	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
3	Thiophosgene	114	CCl2S	000463-71-8	16
4	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
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	2.7	ug/L	73227	1	5.88	1338950	50.0
unknown-01	7.22	20.5	ug/L	547806	1	5.88	1338950	50.0