LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
Data File : VU026711.D
Acq On : 12 Sep 2018 18:57
Operator : MD/SY
Sample : J4868-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q8

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\SOMULM091018WMA.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	1.212	8	12	23	rVB	5776	5879	0.82%	0.102%
2	1.395	63	69	80	rBV	95105	96812	13.56%	1.684%
3	1.678	150	157	175	rVB	74568	96968	13.58%	1.686%
4	2.103	283	289	299	rVB	21133	28219	3.95%	0.491%
5	2.270	330	341	351	rBV	153272	231048	32.36%	4.018%
6	2.447	386	396	414	rBV	19869	35398	4.96%	0.616%
7	2.701	471	475	480	rBV	424	546	0.08%	0.009%
8	2.839	505	518	531	rVB	4650	9199	1.29%	0.160%
9	3.016	567	573	576	rBV2	236	276	0.04%	0.005%
10	3.067	586	589	591	rBV2	156	121	0.02%	0.002%
11	3.096	595	598	603	rVB	157	98	0.01%	0.002%
12	3.160	615	618	620	rBV	171	91	0.01%	0.002%
13	3.180	621	624	629	rVB	233	176	0.02%	0.003%
14	3.430	700	702	706	rBV2	134	87	0.01%	0.002%
15	3.495	720	722	725	rVB2	225	146	0.02%	0.003%
16	3.662	772	774	777	rBV2	113	75	0.01%	0.001%
17	3.691	779	783	786	rVV2	154	101	0.01%	0.002%
18	3.707	786	788	792	rVB2	132	92	0.01%	0.002%
19	3.842	827	830	832	rVB	246	85	0.01%	0.001%
20	3.948	857	863	865	rBV	181	173	0.02%	0.003%
21	4.070	896	901	905	rVB2	182	173	0.02%	0.003%
22	4.112	911	914	917	rVB	150	75	0.01%	0.001%
23	4.183	921	936	965	rBV2	73917	206808	28.96%	3.597%
24	4.524	1039	1042	1046	rVB	212	117	0.02%	0.002%
25	4.546	1046	1049	1052	rBV	89	62	0.01%	0.001%
26	4.569	1052	1056	1059	rBV2	184	151	0.02%	0.003%
27	4.649	1064	1081	1107	rBV	119950	280932	39.34%	4.886%
28	4.974	1178	1182	1185	rBV2	238	177	0.02%	0.003%
29	5.012	1192	1194	1198	rVB	157	58	0.01%	0.001%
30	5.041	1198	1203	1209	rVB	103	128	0.02%	0.002%
31	5.189	1247	1249	1255	rVB2	208	144	0.02%	0.003%
32	5.344	1273	1297	1317	rBV2	245435	714094	100.00%	12.419%
33	5.495	1339	1344	1347	rBV	63	62	0.01%	0.001%
34	5.582	1368	1371	1373	rBV	93	60	0.01%	0.001%

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q8

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\SOMULM091018WMA.M
Title : VOC Analysis

35	5.620	1381	1383	1385	rBV	143	59	0.01%	0.001%
36	5.639	1386	1389	1390	rBV	141	64	0.01%	0.001%
37	5.688	1400	1404	1408	rBV	177	135	0.02%	0.002%
38	5.710	1408	1411	1413	rVB	163	75	0.01%	0.001%
39	5.781	1429	1433	1438	rBV	73	74	0.01%	0.001%
40	5.890	1451	1467	1497	rBV	247654	481778	67.47%	8.379%
41	6.128	1539	1541	1543	rBV2	144	81	0.01%	0.001%
42	6.180	1555	1557	1560	rVB	149	61	0.01%	0.001%
43	6.334	1589	1605	1631	rBV	169129	335008	46.91%	5.826%
44	6.485	1649	1652	1654	rBV	133	65	0.01%	0.001%
45	6.536	1666	1668	1671	rBV	192	130	0.02%	0.002%
46	6.594	1681	1686	1688	rBV	98	104	0.01%	0.002%
47	6.626	1693	1696	1699	rVB	205	117	0.02%	0.002%
48	6.700	1716	1719	1723	rBV	104	79	0.01%	0.001%
49	6.787	1741	1746	1753	rVB3	306	454	0.06%	0.008%
50	6.819	1753	1756	1759	rBV	184	80	0.01%	0.001%
51	6.845	1762	1764	1767	rBV	265	179	0.03%	0.003%
52	6.919	1781	1787	1789	rBV	159	159	0.02%	0.003%
53	6.961	1793	1800	1803	rVV	75	87	0.01%	0.002%
54	7.134	1851	1854	1857	rVB	231	125	0.02%	0.002%
55	7.231	1872	1884	1902	rBV	92096	160680	22.50%	2.794%
56	7.318	1909	1911	1913	rBV	194	94	0.01%	0.002%
57	7.569	1975	1989	2006	rBV	323312	558928	78.27%	9.721%
58	7.851	2066	2077	2094	rBV	65932	108400	15.18%	1.885%
59	7.967	2111	2113	2115	rVB	277	150	0.02%	0.003%
60	7.983	2115	2118	2120	rVV	336	205	0.03%	0.004%
61	8.009	2123	2126	2131	rVB	256	196	0.03%	0.003%
62	8.138	2163	2166	2167	rBV2	285	144	0.02%	0.003%
63	8.186	2171	2181	2190	rBV2	5263	10265	1.44%	0.179%
64	8.315	2210	2221	2252	rVB	225515	383754	53.74%	6.674%
65	8.652	2322	2326	2331	rBV	327	312	0.04%	0.005%
66	8.691	2335	2338	2341	rBV	142	121	0.02%	0.002%
67	8.742	2351	2354	2357	rVB	162	90	0.01%	0.002%
68	8.768	2360	2362	2364	rBV	187	108	0.02%	0.002%
69	8.784	2365	2367	2369	rVB	126	69	0.01%	0.001%
70	8.887	2396	2399	2403	rVB	171	123	0.02%	0.002%
71	8.993	2431	2432	2436	rVB	259	118	0.02%	0.002%

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Instrument : MSVOA_U
ClientSampleId : DB3Q8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOMULM091018WMA.M
Title : VOC Analysis

72	9.012	2436	2438	2441	rBV	166	71	0.01%	0.001%
73	9.032	2441	2444	2448	rBV	169	90	0.01%	0.002%
74	9.093	2450	2463	2486	rBV	352185	573039	80.25%	9.966%
75	9.241	2506	2509	2511	rVB	184	102	0.01%	0.002%
76	9.279	2518	2521	2524	rBV	158	147	0.02%	0.003%
77	9.331	2536	2537	2542	rVB	226	96	0.01%	0.002%
78	9.385	2548	2554	2560	rBV3	388	522	0.07%	0.009%
79	9.501	2588	2590	2595	rBV	189	137	0.02%	0.002%
80	9.639	2629	2633	2638	rVB2	230	199	0.03%	0.003%
81	9.704	2650	2653	2654	rBV	173	82	0.01%	0.001%
82	9.752	2667	2668	2672	rBV	140	69	0.01%	0.001%
83	9.784	2676	2678	2679	rBV	153	72	0.01%	0.001%
84	10.173	2797	2799	2803	rBV2	166	112	0.02%	0.002%
85	10.266	2821	2828	2831	rBV	171	231	0.03%	0.004%
86	10.298	2835	2838	2839	rBV	157	67	0.01%	0.001%
87	10.433	2868	2880	2899	rVB	236158	373300	52.28%	6.492%
88	10.504	2899	2902	2903	rBV	155	73	0.01%	0.001%
89	10.613	2927	2936	2943	rBV2	3054	4817	0.67%	0.084%
90	10.726	2968	2971	2975	rVB2	228	180	0.03%	0.003%
91	10.752	2976	2979	2983	rVB	219	159	0.02%	0.003%
92	10.941	3034	3038	3046	rVB	280	298	0.04%	0.005%
93	11.163	3101	3107	3110	rBV2	423	425	0.06%	0.007%
94	11.424	3185	3188	3192	rBV2	370	250	0.04%	0.004%
95	11.485	3196	3207	3229	rBV	332605	513021	71.84%	8.922%
96	11.748	3280	3289	3303	rBV2	11884	20232	2.83%	0.352%
97	11.861	3312	3324	3344	rVB	324435	510015	71.42%	8.870%
98	12.031	3375	3377	3383	rBV2	326	249	0.03%	0.004%
99	12.218	3432	3435	3439	rBV	344	252	0.04%	0.004%
100	12.584	3545	3549	3551	rBV	427	331	0.05%	0.006%

Sum of corrected areas: 5749940

LSC Report - Integrated Chromatogram

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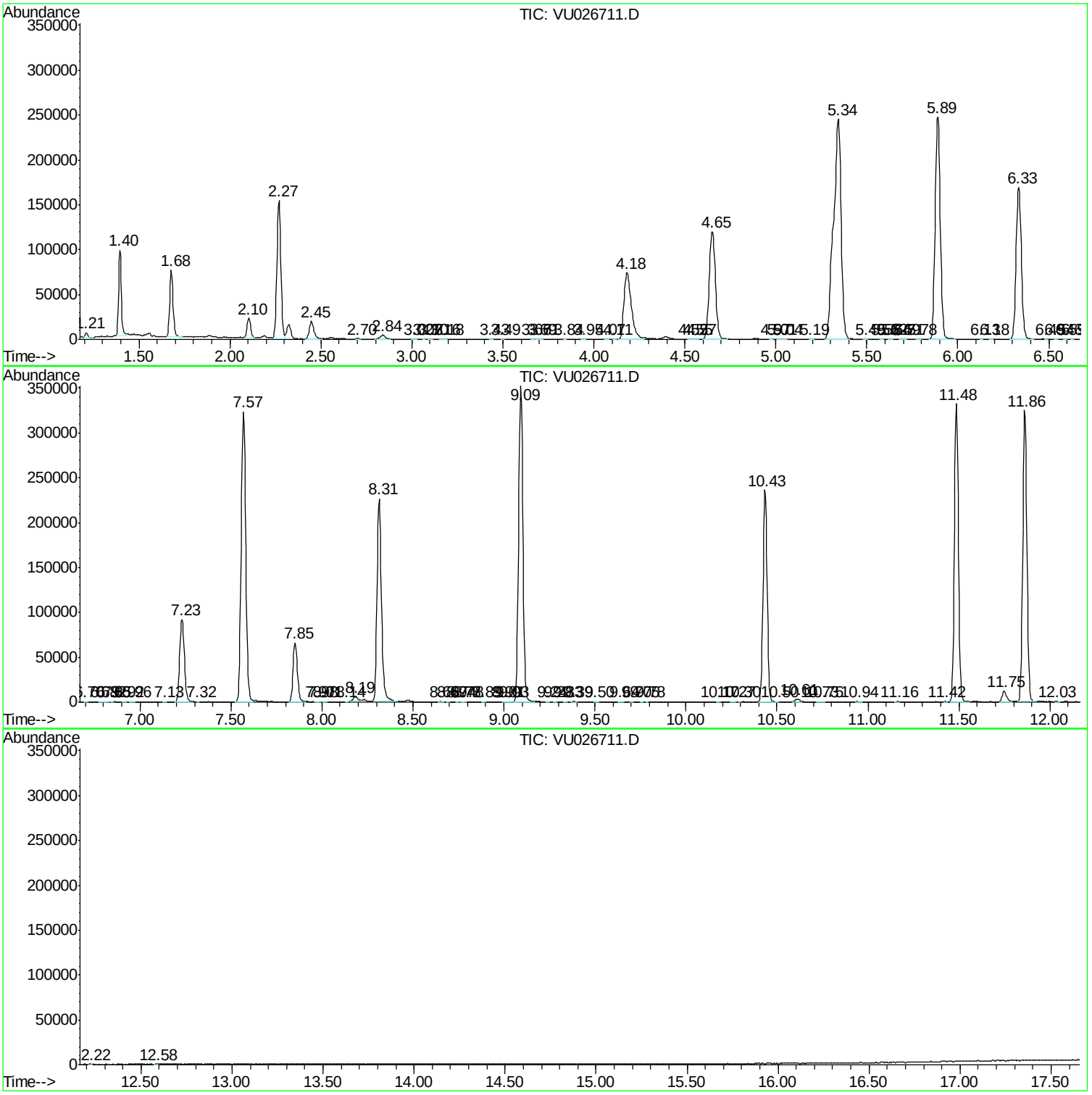
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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\VU091318\
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ALS Vial : 16 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis

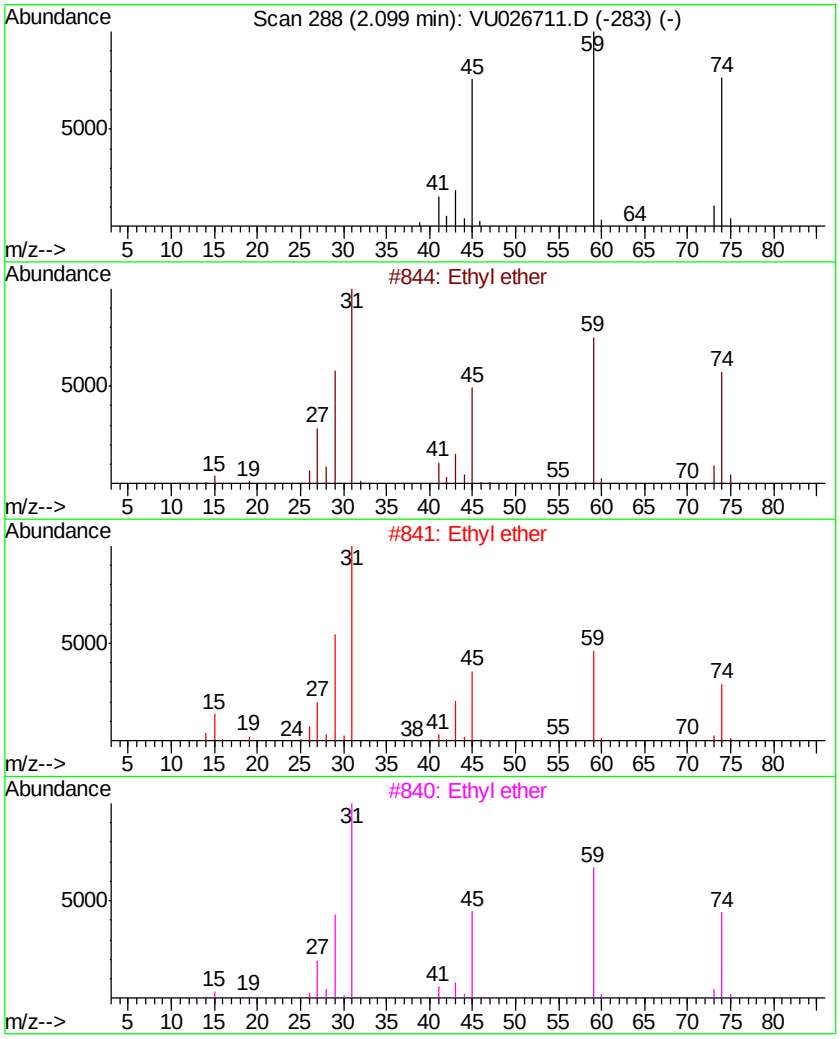
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

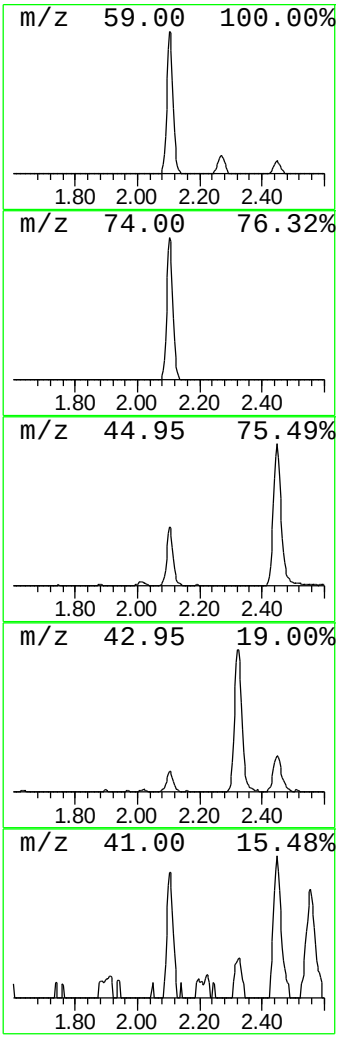
****

Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	2.93 ug/L	28219	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	83
5	Ethyl ether	74	C4H10O	000060-29-7	78





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Instrument : MSVOA_U
ClientSampleId : DB3Q8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis

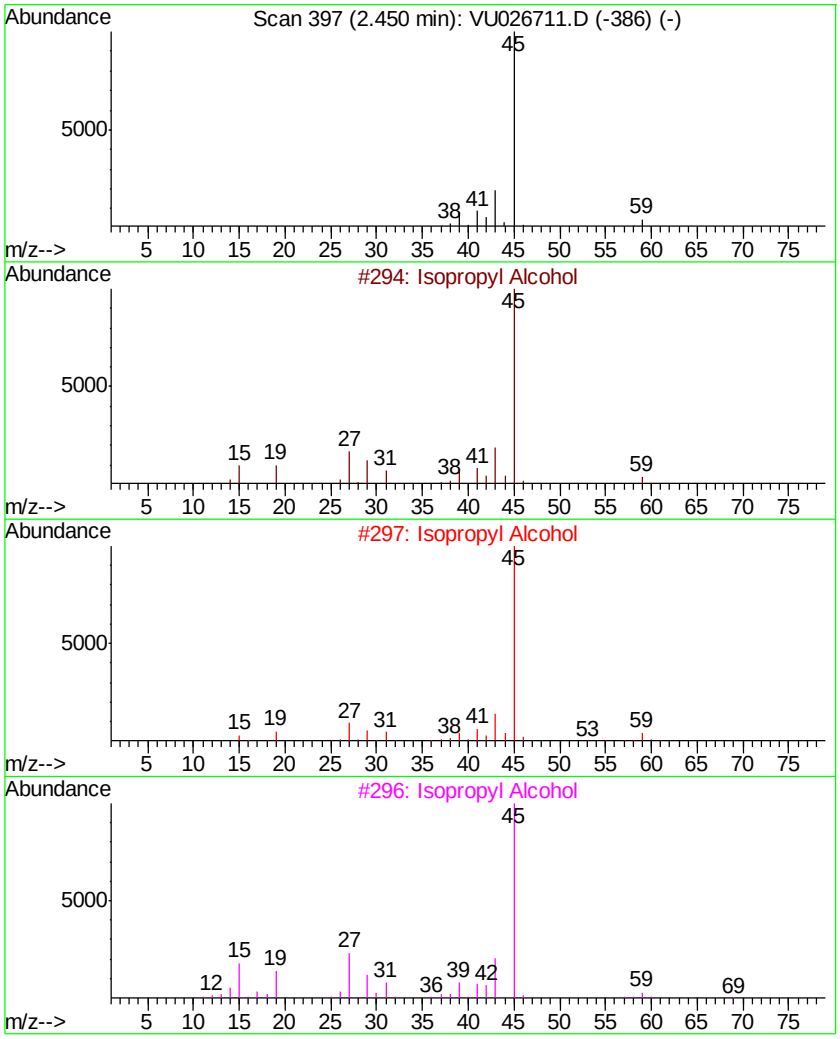
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

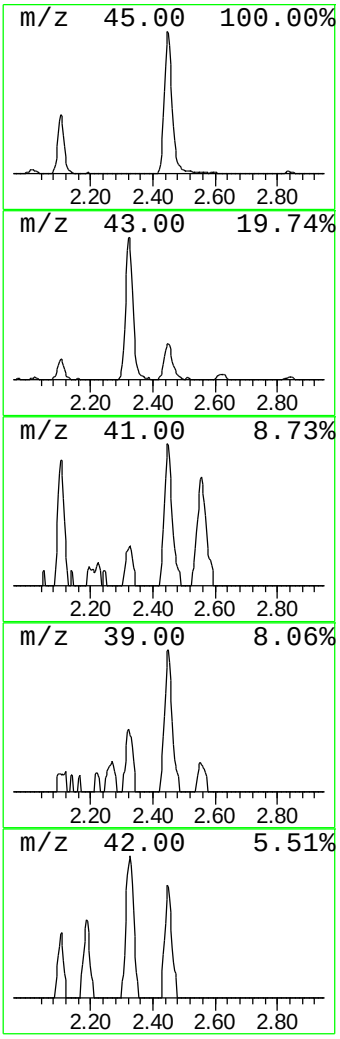
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	3.67 ug/L	35398	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





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
Ethyl ether	2.10	2.9	ug/L	28219	1	5.89	481778	50.0
Isopropyl Alcohol	2.45	3.7	ug/L	35398	1	5.89	481778	50.0