LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032819\
Data File : VU030524.D
Acq On : 28 Mar 2019 18:58
Operator : JC/SP
Sample : K2128-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A6

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\SOMULM032319WMA.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	1.183	23	29	49	rVB	95597	93049	5.64%	0.669%
2	1.328	70	74	83	rVB2	9077	9423	0.57%	0.068%
3	1.399	88	96	111	rBV	262558	289201	17.52%	2.079%
4	1.473	114	119	128	rVB	21869	24103	1.46%	0.173%
5	1.678	175	183	201	rVB	177172	234597	14.21%	1.686%
6	2.270	356	367	378	rBV	365600	557633	33.78%	4.008%
7	2.444	410	421	443	rBV	56925	105657	6.40%	0.759%
8	2.698	492	500	506	rBV6	2255	3768	0.23%	0.027%
9	2.778	521	525	531	rBV3	1096	1081	0.07%	0.008%
10	2.833	531	542	556	rVV3	7231	15648	0.95%	0.112%
11	2.987	579	590	602	rVV3	7650	15320	0.93%	0.110%
12	3.190	640	653	667	rBV5	6708	15576	0.94%	0.112%
13	3.289	680	684	685	rBV2	720	549	0.03%	0.004%
14	3.302	686	688	693	rVB2	645	532	0.03%	0.004%
15	3.424	720	726	728	rBV3	557	394	0.02%	0.003%
16	3.707	810	814	818	rVB3	321	331	0.02%	0.002%
17	3.730	818	821	828	rVB2	336	314	0.02%	0.002%
18	3.919	876	880	886	rBV	293	340	0.02%	0.002%
19	4.016	895	910	921	rBV8	2853	8810	0.53%	0.063%
20	4.177	944	960	964	rBV	174474	339379	20.56%	2.439%
21	4.553	1075	1077	1080	rBV3	501	312	0.02%	0.002%
22	4.582	1084	1086	1089	rBV3	572	375	0.02%	0.003%
23	4.646	1089	1106	1128	rBV	269728	641927	38.89%	4.614%
24	4.868	1173	1175	1178	rBV4	667	484	0.03%	0.003%
25	4.984	1210	1211	1217	rVB3	602	334	0.02%	0.002%
26	5.103	1245	1248	1255	rVB3	396	428	0.03%	0.003%
27	5.209	1279	1281	1289	rVB3	432	443	0.03%	0.003%
28	5.337	1296	1321	1349	rBV2	548106	1650765	100.00%	11.866%
29	5.601	1399	1403	1404	rBV2	472	314	0.02%	0.002%
30	5.685	1426	1429	1440	rVB3	1163	1424	0.09%	0.010%
31	5.771	1451	1456	1459	rBV2	861	819	0.05%	0.006%
32	5.884	1477	1491	1536	rBV	510482	1039533	62.97%	7.472%
33	6.183	1569	1584	1615	rBV	585210	1161528	70.36%	8.349%
34	6.328	1616	1629	1662	rVB	381034	782639	47.41%	5.626%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A6

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\SOMULM032319WMA.M
Title : VOC Analysis

35	6.662	1731	1733	1737	rVB3	613	356	0.02%	0.003%
36	6.775	1763	1768	1770	rBV3	381	319	0.02%	0.002%
37	6.813	1773	1780	1782	rBV3	1032	1147	0.07%	0.008%
38	6.826	1782	1784	1789	rVB3	1339	1024	0.06%	0.007%
39	6.881	1795	1801	1807	rVV7	1092	1522	0.09%	0.011%
40	6.964	1821	1827	1836	rBV5	716	1191	0.07%	0.009%
41	7.013	1836	1842	1847	rVB3	551	738	0.04%	0.005%
42	7.128	1874	1878	1882	rBV3	310	258	0.02%	0.002%
43	7.154	1883	1886	1889	rBV3	310	270	0.02%	0.002%
44	7.173	1889	1892	1896	rVB3	299	257	0.02%	0.002%
45	7.225	1896	1908	1937	rBV	199235	372531	22.57%	2.678%
46	7.389	1953	1959	1960	rBV5	2267	2134	0.13%	0.015%
47	7.466	1982	1983	1986	rVB2	714	262	0.02%	0.002%
48	7.485	1986	1989	1990	rBV	481	262	0.02%	0.002%
49	7.562	1999	2013	2053	rBV	666698	1218868	73.84%	8.761%
50	7.849	2089	2102	2123	rBV	135666	245317	14.86%	1.763%
51	8.054	2164	2166	2170	rVB2	722	379	0.02%	0.003%
52	8.103	2179	2181	2184	rVB2	509	311	0.02%	0.002%
53	8.170	2200	2202	2205	rBV2	605	350	0.02%	0.003%
54	8.254	2224	2228	2230	rBV	654	513	0.03%	0.004%
55	8.308	2234	2245	2280	rBV2	510651	1017277	61.62%	7.312%
56	8.546	2317	2319	2331	rVB6	1480	1607	0.10%	0.012%
57	8.775	2388	2390	2394	rVB2	543	368	0.02%	0.003%
58	8.807	2397	2400	2404	rVB2	459	287	0.02%	0.002%
59	8.874	2418	2421	2424	rVB2	553	348	0.02%	0.003%
60	8.893	2424	2427	2428	rBV	629	357	0.02%	0.003%
61	8.945	2441	2443	2446	rBV	356	275	0.02%	0.002%
62	9.032	2464	2470	2475	rBV3	597	835	0.05%	0.006%
63	9.086	2475	2487	2527	rBV	731419	1256852	76.14%	9.034%
64	9.283	2544	2548	2553	rVB5	731	760	0.05%	0.005%
65	9.318	2553	2559	2563	rBV6	803	870	0.05%	0.006%
66	9.379	2574	2578	2579	rBV3	538	351	0.02%	0.003%
67	9.447	2595	2599	2600	rBV2	462	320	0.02%	0.002%
68	9.575	2633	2639	2641	rBV4	679	585	0.04%	0.004%
69	9.646	2658	2661	2664	rVV4	433	251	0.02%	0.002%
70	9.758	2693	2696	2699	rBV2	312	259	0.02%	0.002%
71	9.990	2765	2768	2770	rVV2	463	290	0.02%	0.002%

LSC Area Percent Report

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Sample : K2128-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A6

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\SOMULM032319WMA.M
Title : VOC Analysis

72	10.045	2781	2785	2794	rVB4	1559	1715	0.10%	0.012%
73	10.144	2812	2816	2820	rBV2	462	477	0.03%	0.003%
74	10.218	2831	2839	2843	rBV5	1251	1501	0.09%	0.011%
75	10.331	2871	2874	2877	rBV3	336	278	0.02%	0.002%
76	10.427	2889	2904	2927	rBV	503884	825453	50.00%	5.933%
77	10.652	2971	2974	2978	rVB3	370	250	0.02%	0.002%
78	10.707	2988	2991	2994	rBV3	840	619	0.04%	0.004%
79	10.819	3023	3026	3028	rBV3	443	271	0.02%	0.002%
80	10.903	3049	3052	3055	rVB	400	248	0.02%	0.002%
81	10.932	3055	3061	3066	rBV2	448	656	0.04%	0.005%
82	11.080	3104	3107	3111	rBV	590	383	0.02%	0.003%
83	11.324	3180	3183	3188	rBV3	644	469	0.03%	0.003%
84	11.385	3199	3202	3206	rVB2	558	396	0.02%	0.003%
85	11.482	3220	3232	3257	rBV	592385	980686	59.41%	7.049%
86	11.752	3308	3316	3322	rBV4	1004	1314	0.08%	0.009%
87	11.858	3336	3349	3371	rBV	571773	964990	58.46%	6.936%
88	12.302	3484	3487	3489	rBV2	460	305	0.02%	0.002%
89	12.340	3497	3499	3503	rBV3	425	372	0.02%	0.003%
90	12.389	3511	3514	3516	rBV3	625	438	0.03%	0.003%
91	12.466	3535	3538	3541	rBV3	744	549	0.03%	0.004%
92	12.488	3543	3545	3548	rVB2	658	359	0.02%	0.003%
93	12.652	3593	3596	3600	rVB4	640	410	0.02%	0.003%
94	13.073	3724	3727	3729	rBV3	388	255	0.02%	0.002%
95	13.630	3897	3900	3901	rBV2	483	312	0.02%	0.002%
96	13.755	3936	3939	3941	rBV	462	287	0.02%	0.002%
97	13.819	3955	3959	3963	rBV3	614	568	0.03%	0.004%
98	14.208	4078	4080	4085	rVB3	534	358	0.02%	0.003%
99	15.279	4411	4413	4416	rBV	709	490	0.03%	0.004%
100	15.626	4518	4521	4523	rBV4	875	516	0.03%	0.004%

Sum of corrected areas: 13911856

LSC Report - Integrated Chromatogram

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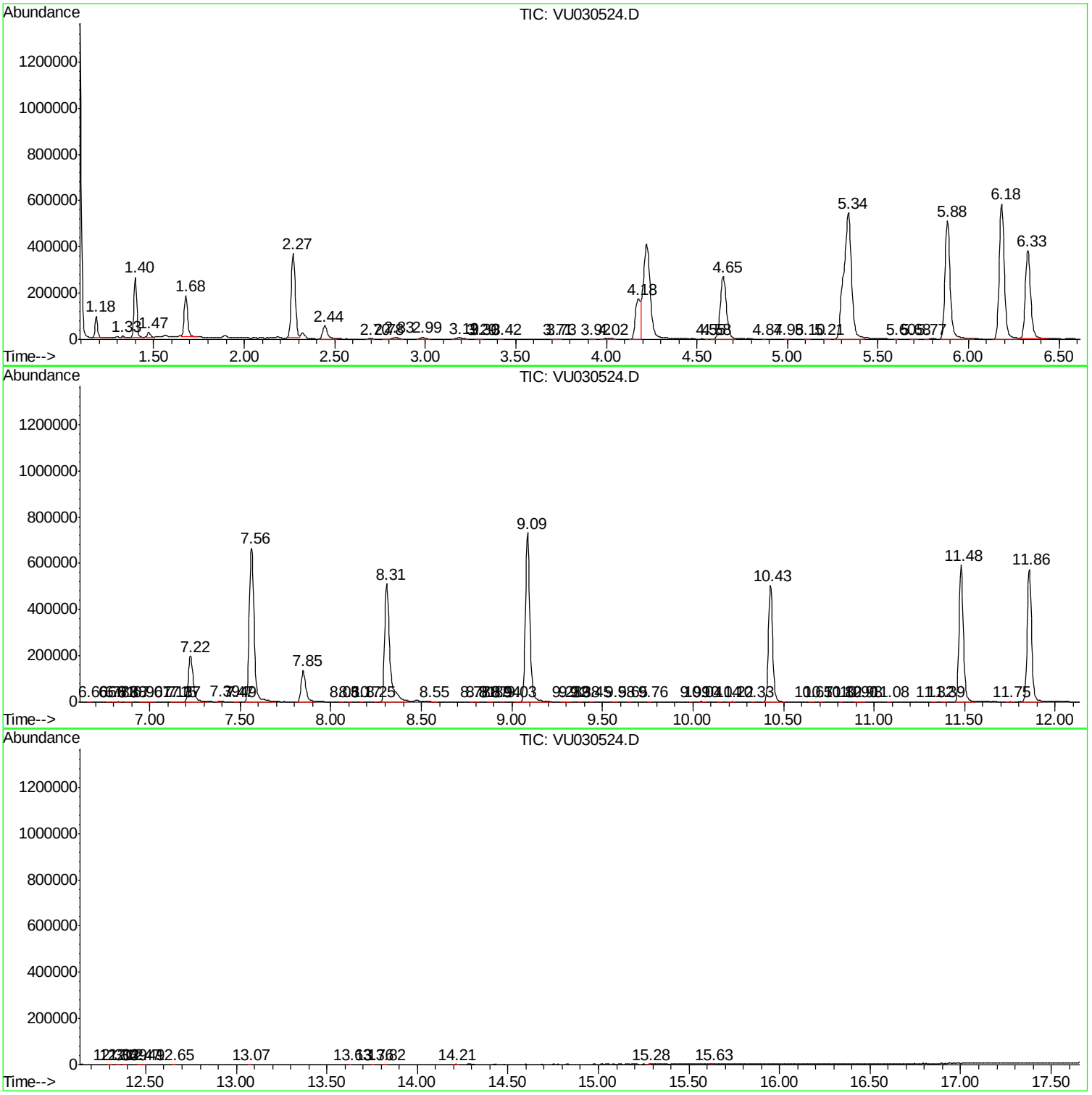
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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\VU032819\
Data File : VU030524.D
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Sample : K2128-11
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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

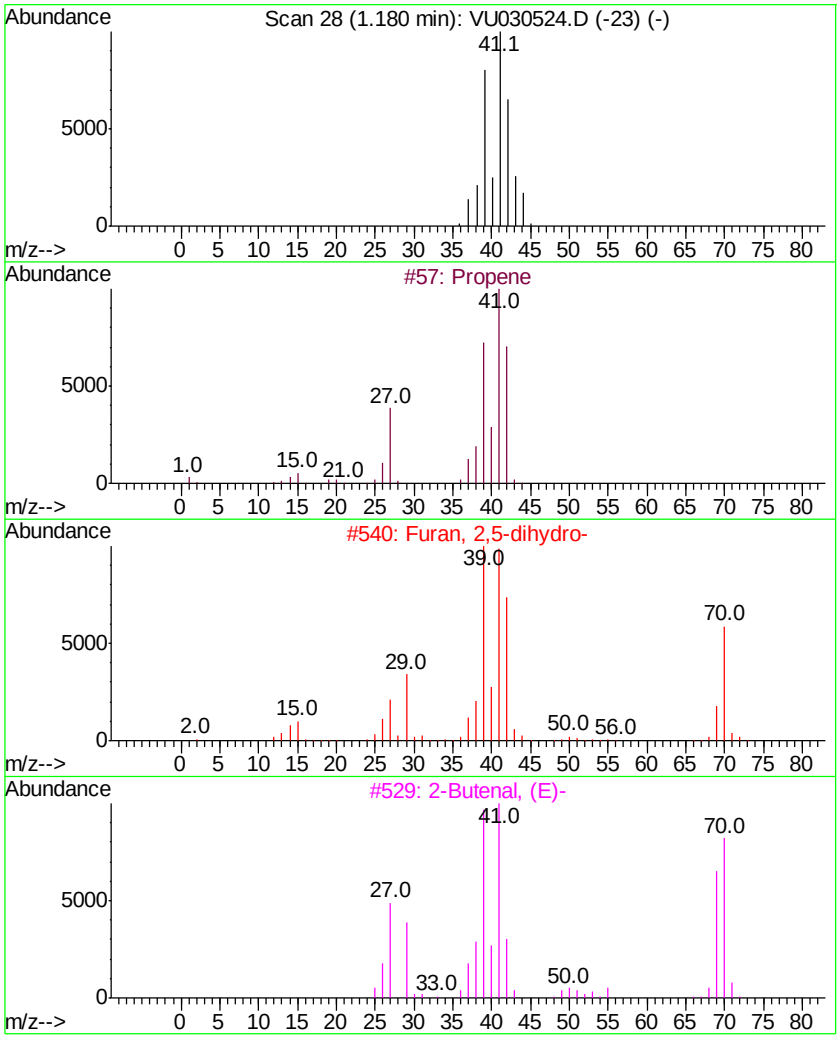
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

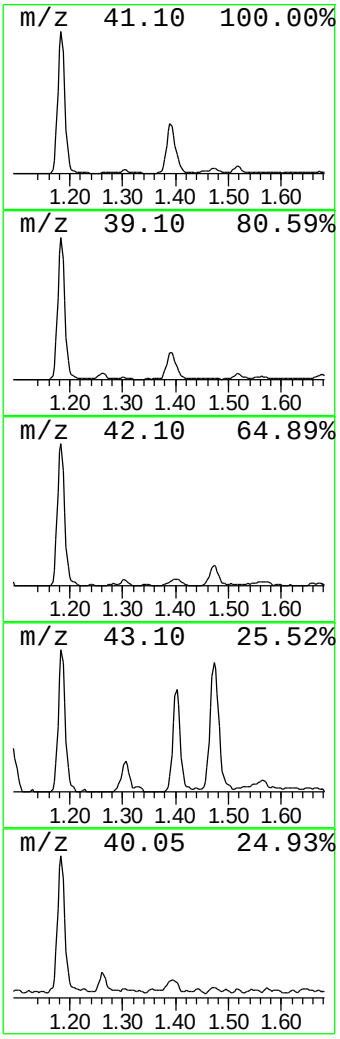
****

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	4.48 ug/L	93049	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	78
5	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	74





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

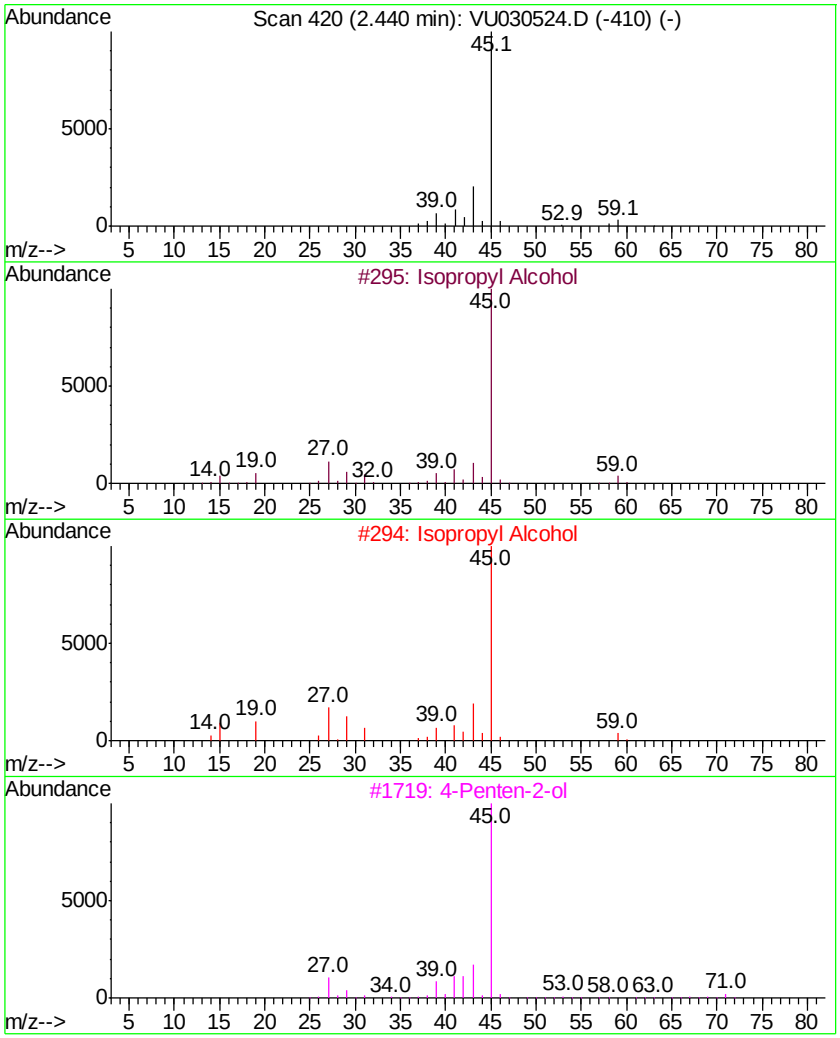
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

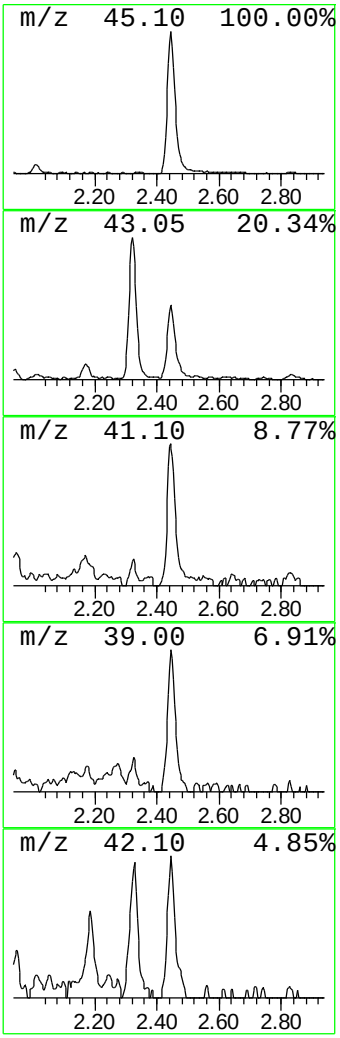
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.08 ug/L	105657	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	43
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	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
(DEL) Alkane: Cyc...	1.18	4.5	ug/L	93049	1	5.88	1039530	50.0
Isopropyl Alcohol	2.44	5.1	ug/L	105657	1	5.88	1039530	50.0