LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034694.D
Acq On : 20 Sep 2019 17:18
Operator : JC/SP
Sample : K4948-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN7

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\SOMULM091919WMA.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	1.177	21	27	38	rBV	173624	166946	7.16%	0.911%
2	1.392	86	94	107	rBV	375079	436937	18.73%	2.384%
3	1.672	174	181	196	rVB	272911	344860	14.78%	1.881%
4	2.257	354	363	374	rVB	482153	727855	31.20%	3.971%
5	2.431	408	417	430	rBV2	36118	68748	2.95%	0.375%
6	2.608	469	472	477	rBV5	1903	1901	0.08%	0.010%
7	2.820	528	538	552	rVB2	9001	19571	0.84%	0.107%
8	2.923	567	570	573	rBV4	1427	816	0.03%	0.004%
9	2.961	576	582	583	rBV4	1905	1635	0.07%	0.009%
10	3.119	629	631	636	rVB5	1515	1007	0.04%	0.005%
11	3.260	669	675	677	rBV7	1275	1141	0.05%	0.006%
12	3.280	677	681	683	rBV4	2415	2156	0.09%	0.012%
13	3.357	701	705	708	rBV4	1692	1510	0.06%	0.008%
14	3.405	718	720	724	rVB4	2792	1523	0.07%	0.008%
15	3.547	760	764	765	rBV3	1327	909	0.04%	0.005%
16	3.688	802	808	810	rBV6	1802	1494	0.06%	0.008%
17	3.701	810	812	816	rVB3	1977	1281	0.05%	0.007%
18	3.723	816	819	821	rBV3	1348	910	0.04%	0.005%
19	3.778	834	836	840	rBV4	1640	1261	0.05%	0.007%
20	3.910	872	877	881	rVB6	1896	1231	0.05%	0.007%
21	3.968	892	895	896	rBV2	1746	995	0.04%	0.005%
22	4.006	905	907	913	rVB6	1633	1415	0.06%	0.008%
23	4.042	913	918	922	rBV8	1123	967	0.04%	0.005%
24	4.151	940	952	983	rBV	229767	642516	27.54%	3.505%
25	4.373	1018	1021	1024	rVV6	1751	1099	0.05%	0.006%
26	4.395	1024	1028	1031	rVB6	1800	1445	0.06%	0.008%
27	4.453	1042	1046	1050	rVB6	1860	1268	0.05%	0.007%
28	4.521	1065	1067	1070	rBV3	1362	905	0.04%	0.005%
29	4.620	1082	1098	1125	rBV	375186	895627	38.39%	4.886%
30	4.952	1194	1201	1202	rBV6	2371	2470	0.11%	0.013%
31	5.003	1215	1217	1221	rBV3	1224	872	0.04%	0.005%
32	5.026	1221	1224	1228	rVV4	1537	1116	0.05%	0.006%
33	5.080	1237	1241	1243	rBV5	1931	1501	0.06%	0.008%
34	5.161	1262	1266	1272	rBV7	1963	2572	0.11%	0.014%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN7

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\SOMULM091919WMA.M
Title : VOC Analysis

35	5.202	1276	1279	1282	rVB4	1510	904	0.04%	0.005%
36	5.225	1284	1286	1289	rVB2	1826	943	0.04%	0.005%
37	5.315	1289	1314	1347	rBV2	765831	2332899	100.00%	12.726%
38	5.604	1402	1404	1407	rVB4	2396	1307	0.06%	0.007%
39	5.698	1431	1433	1436	rVB4	2167	1119	0.05%	0.006%
40	5.720	1436	1440	1443	rBV5	1951	2008	0.09%	0.011%
41	5.736	1443	1445	1452	rVB7	2164	1843	0.08%	0.010%
42	5.765	1452	1454	1457	rBV4	1514	976	0.04%	0.005%
43	5.865	1471	1485	1504	rBV	662249	1369493	58.70%	7.471%
44	6.309	1610	1623	1647	rVB2	534228	1077211	46.17%	5.876%
45	6.685	1736	1740	1742	rBV4	1422	1091	0.05%	0.006%
46	6.910	1808	1810	1816	rBV5	1213	1129	0.05%	0.006%
47	7.035	1846	1849	1853	rBV7	1223	996	0.04%	0.005%
48	7.067	1855	1859	1862	rBV5	1524	1130	0.05%	0.006%
49	7.206	1889	1902	1919	rBV	315384	588769	25.24%	3.212%
50	7.405	1961	1964	1965	rBV3	1658	1021	0.04%	0.006%
51	7.543	1994	2007	2026	rBV	1031945	1816952	77.88%	9.912%
52	7.829	2084	2096	2110	rBV2	215810	384004	16.46%	2.095%
53	8.048	2162	2164	2167	rBV3	1472	869	0.04%	0.005%
54	8.106	2180	2182	2186	rVB4	1384	847	0.04%	0.005%
55	8.206	2204	2213	2226	rBV3	28196	49717	2.13%	0.271%
56	8.289	2226	2239	2266	rBV	740021	1387964	59.50%	7.572%
57	8.736	2374	2378	2382	rVB5	2387	2107	0.09%	0.011%
58	8.781	2385	2392	2396	rVV10	1202	1638	0.07%	0.009%
59	8.845	2407	2412	2414	rVB4	1550	1269	0.05%	0.007%
60	8.887	2422	2425	2430	rVV5	2053	1888	0.08%	0.010%
61	8.961	2444	2448	2450	rBV4	999	855	0.04%	0.005%
62	9.067	2469	2481	2506	rBV	950825	1627879	69.78%	8.880%
63	9.360	2563	2572	2584	rVB5	10231	18119	0.78%	0.099%
64	9.421	2587	2591	2594	rBV4	2308	2413	0.10%	0.013%
65	9.514	2617	2620	2623	rBV3	1799	1779	0.08%	0.010%
66	9.582	2639	2641	2648	rVB6	1348	982	0.04%	0.005%
67	9.627	2653	2655	2658	rVB4	1782	978	0.04%	0.005%
68	9.755	2692	2695	2699	rBV4	3011	2770	0.12%	0.015%
69	10.025	2775	2779	2784	rVV7	2271	2417	0.10%	0.013%
70	10.093	2795	2800	2801	rBV5	1414	1160	0.05%	0.006%
71	10.141	2810	2815	2816	rBV4	2967	2221	0.10%	0.012%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN7

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\SOMULM091919WMA.M
Title : VOC Analysis

72	10.222	2837	2840	2842	rBV4	1445	884	0.04%	0.005%
73	10.270	2849	2855	2858	rBV7	2419	2358	0.10%	0.013%
74	10.305	2864	2866	2869	rVB2	1871	1035	0.04%	0.006%
75	10.408	2885	2898	2920	rBV	681773	1127665	48.34%	6.152%
76	10.530	2933	2936	2939	rBV4	1944	1084	0.05%	0.006%
77	10.553	2939	2943	2945	rBV4	3131	2832	0.12%	0.015%
78	10.633	2963	2968	2970	rBV7	1987	1757	0.08%	0.010%
79	10.665	2970	2978	2986	rBV9	8407	13944	0.60%	0.076%
80	10.752	3003	3005	3011	rVB6	5005	4274	0.18%	0.023%
81	10.781	3011	3014	3016	rBV2	1369	867	0.04%	0.005%
82	10.839	3027	3032	3034	rVB4	1512	1167	0.05%	0.006%
83	10.951	3057	3067	3078	rBV4	7583	14227	0.61%	0.078%
84	11.131	3114	3123	3132	rVB4	12776	19427	0.83%	0.106%
85	11.170	3132	3135	3138	rVB5	1583	1095	0.05%	0.006%
86	11.305	3171	3177	3185	rVB9	3811	6358	0.27%	0.035%
87	11.459	3213	3225	3248	rBV	895400	1481031	63.48%	8.079%
88	11.746	3309	3314	3316	rBV4	2801	2526	0.11%	0.014%
89	11.836	3331	3342	3367	rBV	910938	1528586	65.52%	8.339%
90	12.331	3493	3496	3500	rBV5	3259	3009	0.13%	0.016%
91	12.472	3536	3540	3547	rVB9	3473	5008	0.21%	0.027%
92	12.639	3590	3592	3597	rVB5	4517	3427	0.15%	0.019%
93	12.691	3603	3608	3613	rVB7	5212	6115	0.26%	0.033%
94	13.067	3723	3725	3727	rBV3	2922	1537	0.07%	0.008%
95	13.106	3732	3737	3747	rVB10	10002	15957	0.68%	0.087%
96	13.495	3850	3858	3860	rBV8	7462	9707	0.42%	0.053%
97	13.932	3988	3994	4002	rBV8	8200	13491	0.58%	0.074%
98	14.128	4051	4055	4066	rVB8	8999	13531	0.58%	0.074%
99	14.321	4108	4115	4116	rBV7	12820	13581	0.58%	0.074%
100	14.839	4273	4276	4277	rBV2	7836	4702	0.20%	0.026%

Sum of corrected areas: 18331309

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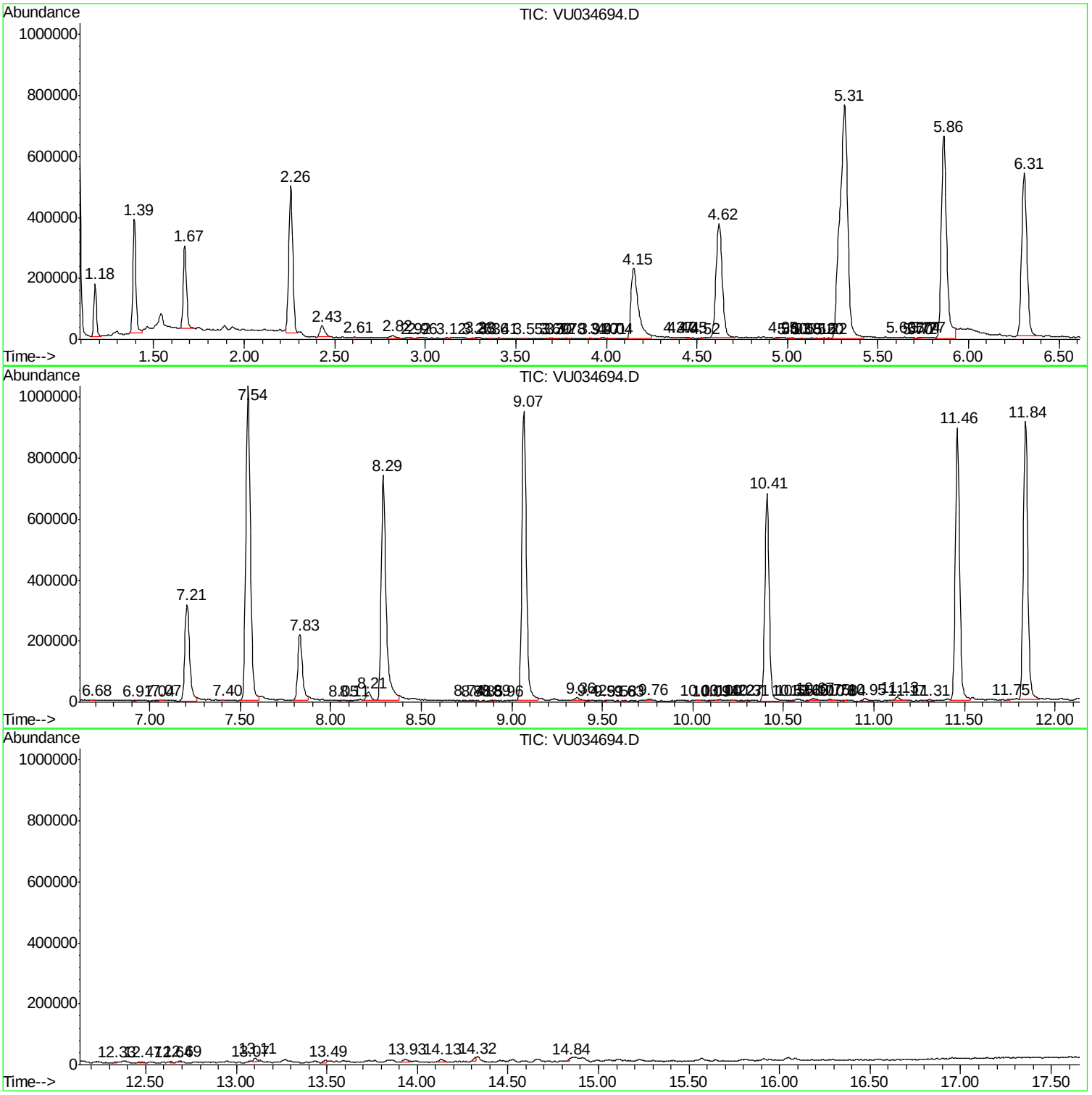
Instrument : MSVOA_U
ClientSampleId : BEDN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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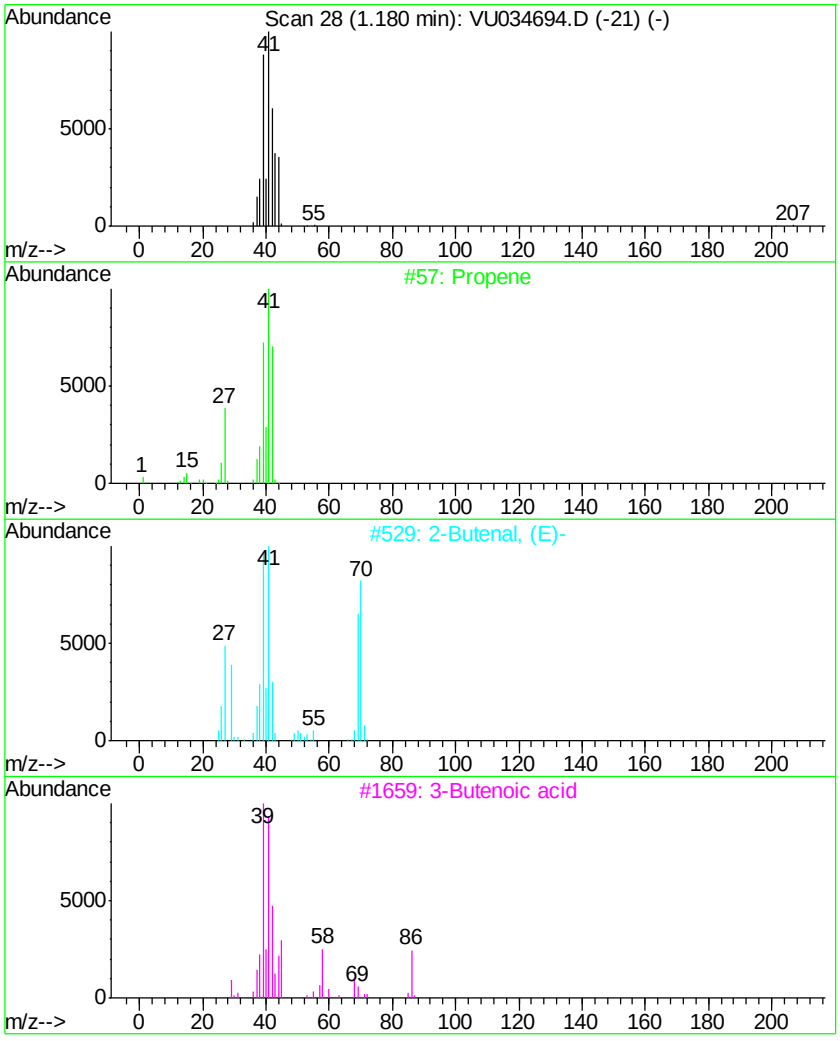
TIC Integration Parameters: LSCINT.P

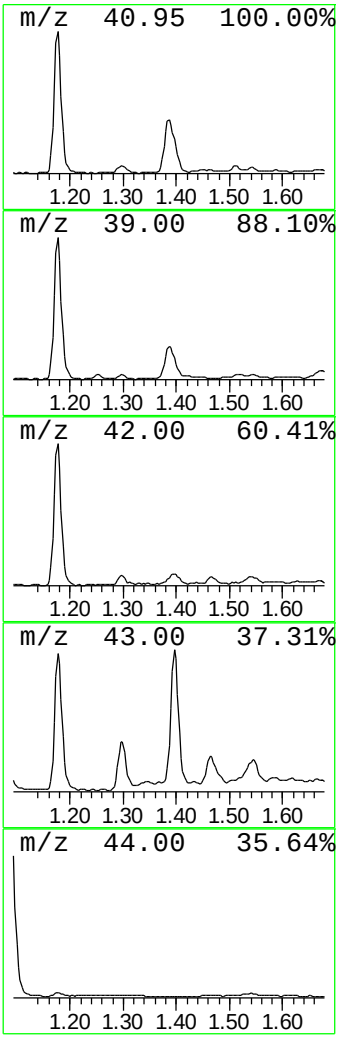
****

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	6.10 ug/L	166946	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64





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ClientSampleId : BEDN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

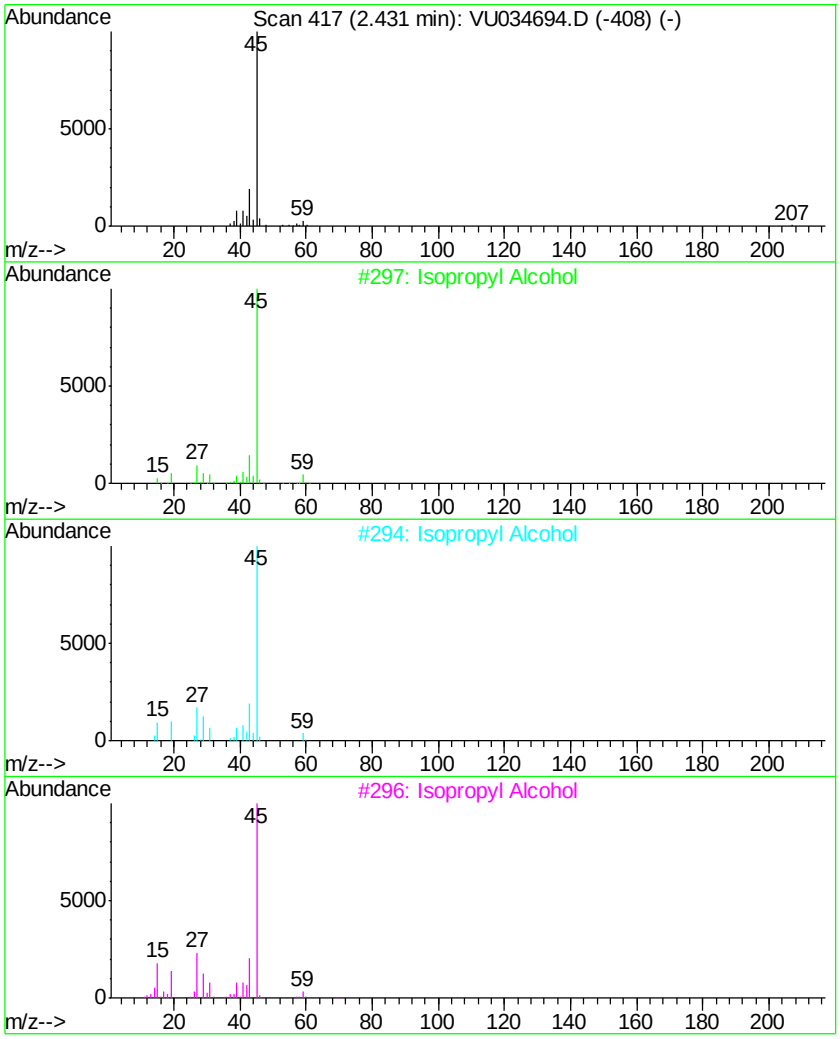
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

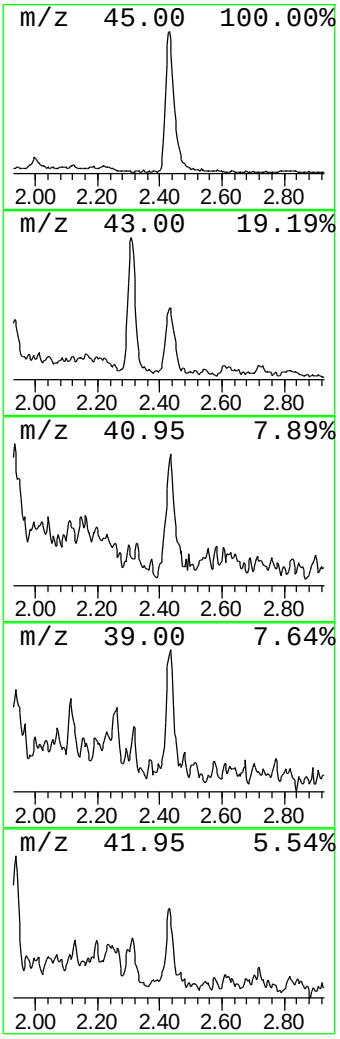
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	2.51 ug/L	68748	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, propyl-	74	C3H10N2	005039-61-2	43





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Quant Title : VOC Analysis

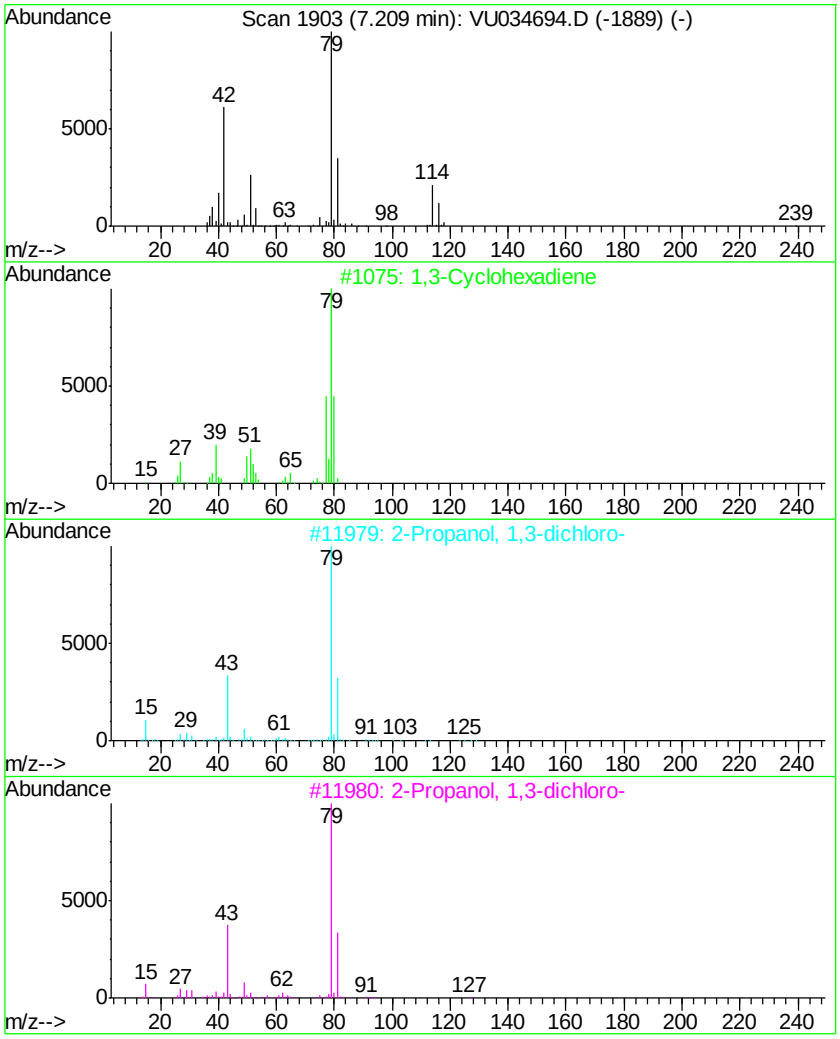
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

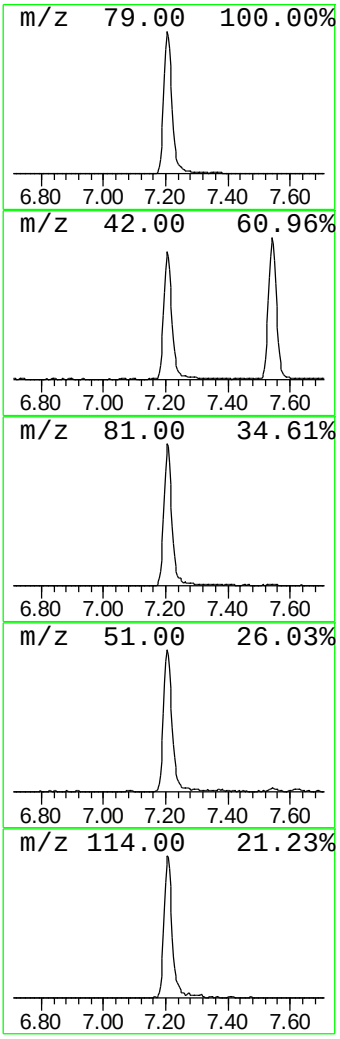
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	21.50 ug/L	588769	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
2	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
4	Cyclopropane	42	C3H6	000075-19-4	10
5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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	6.1	ug/L	166946	1	5.86	1369490	50.0
Isopropyl Alcohol	2.43	2.5	ug/L	68748	1	5.86	1369490	50.0
unknown-01	7.21	21.5	ug/L	588769	1	5.86	1369490	50.0