LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034804.D
Acq On : 25 Sep 2019 15:40
Operator : JC/SP
Sample : K5001-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCZ1

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	20	27	40	rBV	635017	613083	26.87%	3.374%
2	1.254	47	51	54	rBV2	9385	7839	0.34%	0.043%
3	1.296	56	64	71	rBV3	33315	49190	2.16%	0.271%
4	1.392	85	94	104	rBV3	450964	587255	25.74%	3.231%
5	1.672	174	181	196	rVB	271985	352666	15.46%	1.941%
6	2.257	354	363	373	rBV	459205	685994	30.07%	3.775%
7	2.309	373	379	393	rVB	55130	92094	4.04%	0.507%
8	2.431	409	417	437	rVB	34435	69412	3.04%	0.382%
9	2.588	463	466	468	rBV4	1757	1181	0.05%	0.006%
10	2.762	517	520	522	rBV3	1564	1008	0.04%	0.006%
11	2.810	528	535	549	rVB3	12877	25774	1.13%	0.142%
12	2.981	574	588	604	rVV2	66371	148546	6.51%	0.817%
13	3.260	672	675	677	rBV2	1445	870	0.04%	0.005%
14	3.460	733	737	738	rBV3	1209	866	0.04%	0.005%
15	3.617	782	786	788	rBV4	1002	735	0.03%	0.004%
16	3.665	796	801	806	rBV7	1249	1393	0.06%	0.008%
17	3.701	807	812	815	rBV6	1541	1545	0.07%	0.009%
18	3.749	825	827	832	rVB5	1976	1446	0.06%	0.008%
19	3.810	844	846	852	rVB6	2027	1620	0.07%	0.009%
20	3.842	852	856	860	rBV5	1476	1179	0.05%	0.006%
21	3.871	860	865	869	rBV4	1814	1427	0.06%	0.008%
22	3.981	892	899	901	rBV6	2082	2363	0.10%	0.013%
23	4.013	908	909	915	rVB5	1299	927	0.04%	0.005%
24	4.148	940	951	983	rBV2	221622	602846	26.42%	3.317%
25	4.508	1060	1063	1066	rBV4	1151	955	0.04%	0.005%
26	4.624	1082	1099	1124	rBV	365509	855433	37.49%	4.707%
27	4.858	1169	1172	1175	rBV5	2213	1430	0.06%	0.008%
28	4.903	1184	1186	1189	rVB4	2672	1350	0.06%	0.007%
29	4.923	1189	1192	1195	rVB4	2032	1068	0.05%	0.006%
30	4.942	1195	1198	1199	rBV3	1683	1086	0.05%	0.006%
31	4.958	1201	1203	1205	rBV3	1425	727	0.03%	0.004%
32	5.016	1217	1221	1222	rBV3	1246	849	0.04%	0.005%
33	5.128	1251	1256	1260	rVB6	1145	956	0.04%	0.005%
34	5.315	1292	1314	1342	rBV2	771609	2281480	100.00%	12.554%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCZ1

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	5.762	1451	1453	1457	rBV4	1733	999	0.04%	0.005%
36	5.865	1470	1485	1506	rBV	620371	1235941	54.17%	6.801%
37	6.308	1609	1623	1646	rBV	519002	1058522	46.40%	5.825%
38	6.781	1767	1770	1772	rBV2	1953	1242	0.05%	0.007%
39	6.964	1821	1827	1830	rBV8	1872	2044	0.09%	0.011%
40	7.135	1877	1880	1883	rBV5	1402	1032	0.05%	0.006%
41	7.205	1890	1902	1934	rBV	299093	561328	24.60%	3.089%
42	7.543	1994	2007	2026	rBV	1025218	1802227	78.99%	9.917%
43	7.829	2085	2096	2115	rBV	194769	356917	15.64%	1.964%
44	8.057	2165	2167	2169	rBV3	1752	1138	0.05%	0.006%
45	8.157	2193	2198	2199	rVV3	2080	1991	0.09%	0.011%
46	8.205	2207	2213	2222	rVB3	4603	7074	0.31%	0.039%
47	8.289	2228	2239	2274	rBV	693111	1321490	57.92%	7.272%
48	8.630	2341	2345	2347	rBV4	1482	1163	0.05%	0.006%
49	8.755	2380	2384	2387	rBV2	1688	1687	0.07%	0.009%
50	8.893	2425	2427	2430	rVB3	1811	875	0.04%	0.005%
51	8.932	2433	2439	2440	rBV3	2178	1786	0.08%	0.010%
52	8.980	2450	2454	2455	rBV4	1311	794	0.03%	0.004%
53	9.067	2467	2481	2508	rBV	893786	1522941	66.75%	8.380%
54	9.238	2530	2534	2537	rBV5	1905	1875	0.08%	0.010%
55	9.279	2544	2547	2550	rVB3	1479	992	0.04%	0.005%
56	9.340	2563	2566	2570	rBV6	1247	1118	0.05%	0.006%
57	9.398	2581	2584	2587	rVB3	1689	964	0.04%	0.005%
58	9.424	2590	2592	2598	rBV5	800	861	0.04%	0.005%
59	9.498	2613	2615	2618	rVB2	1861	913	0.04%	0.005%
60	9.643	2655	2660	2666	rVV7	1344	1355	0.06%	0.007%
61	9.720	2681	2684	2690	rVB6	1111	1015	0.04%	0.006%
62	9.791	2703	2706	2712	rBV7	1279	1158	0.05%	0.006%
63	9.913	2741	2744	2749	rBV6	891	912	0.04%	0.005%
64	10.154	2814	2819	2820	rBV4	1121	826	0.04%	0.005%
65	10.408	2881	2898	2917	rBV	686208	1114953	48.87%	6.135%
66	10.672	2975	2980	2981	rBV3	1420	1212	0.05%	0.007%
67	10.797	3015	3019	3020	rBV4	1298	855	0.04%	0.005%
68	10.877	3038	3044	3046	rBV7	1234	1311	0.06%	0.007%
69	11.016	3084	3087	3089	rBV2	1362	763	0.03%	0.004%
70	11.109	3114	3116	3119	rBV5	1221	831	0.04%	0.005%
71	11.250	3155	3160	3161	rBV4	1410	1213	0.05%	0.007%

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : BFCZ1

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	11.292	3171	3173	3179	rVB5	922	793	0.03%	0.004%
73	11.382	3197	3201	3206	rBV7	2027	1594	0.07%	0.009%
74	11.459	3213	3225	3245	rBV	778708	1300857	57.02%	7.158%
75	11.835	3330	3342	3364	rBV	848850	1429551	62.66%	7.866%
76	12.652	3591	3596	3598	rBV3	1705	1682	0.07%	0.009%
77	12.691	3605	3608	3611	rBV4	1223	1132	0.05%	0.006%
78	12.816	3644	3647	3649	rVB3	1824	1104	0.05%	0.006%
79	12.858	3657	3660	3665	rBV6	1462	1002	0.04%	0.006%
80	12.909	3672	3676	3681	rVB7	1571	1568	0.07%	0.009%
81	13.041	3715	3717	3719	rBV2	1272	793	0.03%	0.004%
82	13.096	3731	3734	3737	rVB3	1519	1141	0.05%	0.006%
83	13.128	3742	3744	3747	rBV4	1219	744	0.03%	0.004%
84	13.147	3747	3750	3753	rBV5	1700	1322	0.06%	0.007%
85	13.173	3756	3758	3760	rBV3	1259	786	0.03%	0.004%
86	13.282	3790	3792	3795	rBV2	1258	860	0.04%	0.005%
87	13.543	3871	3873	3875	rBV3	1350	732	0.03%	0.004%
88	13.623	3893	3898	3899	rBV4	1403	1135	0.05%	0.006%
89	13.665	3907	3911	3914	rBV3	1930	1557	0.07%	0.009%
90	13.681	3914	3916	3918	rVV3	1602	774	0.03%	0.004%
91	13.707	3918	3924	3927	rVV6	1290	1584	0.07%	0.009%
92	13.736	3930	3933	3936	rVB3	1125	882	0.04%	0.005%
93	13.990	4009	4012	4015	rBV4	1477	901	0.04%	0.005%
94	14.028	4022	4024	4029	rBV4	1054	732	0.03%	0.004%
95	14.141	4055	4059	4063	rBV6	1145	1192	0.05%	0.007%
96	14.356	4123	4126	4128	rBV3	1657	1150	0.05%	0.006%
97	14.559	4186	4189	4192	rBV4	1484	1192	0.05%	0.007%
98	14.848	4277	4279	4282	rVB4	2342	1164	0.05%	0.006%
99	14.887	4288	4291	4293	rBV2	1567	1156	0.05%	0.006%
100	15.160	4371	4376	4381	rBV7	2959	3401	0.15%	0.019%

Sum of corrected areas: 18173392

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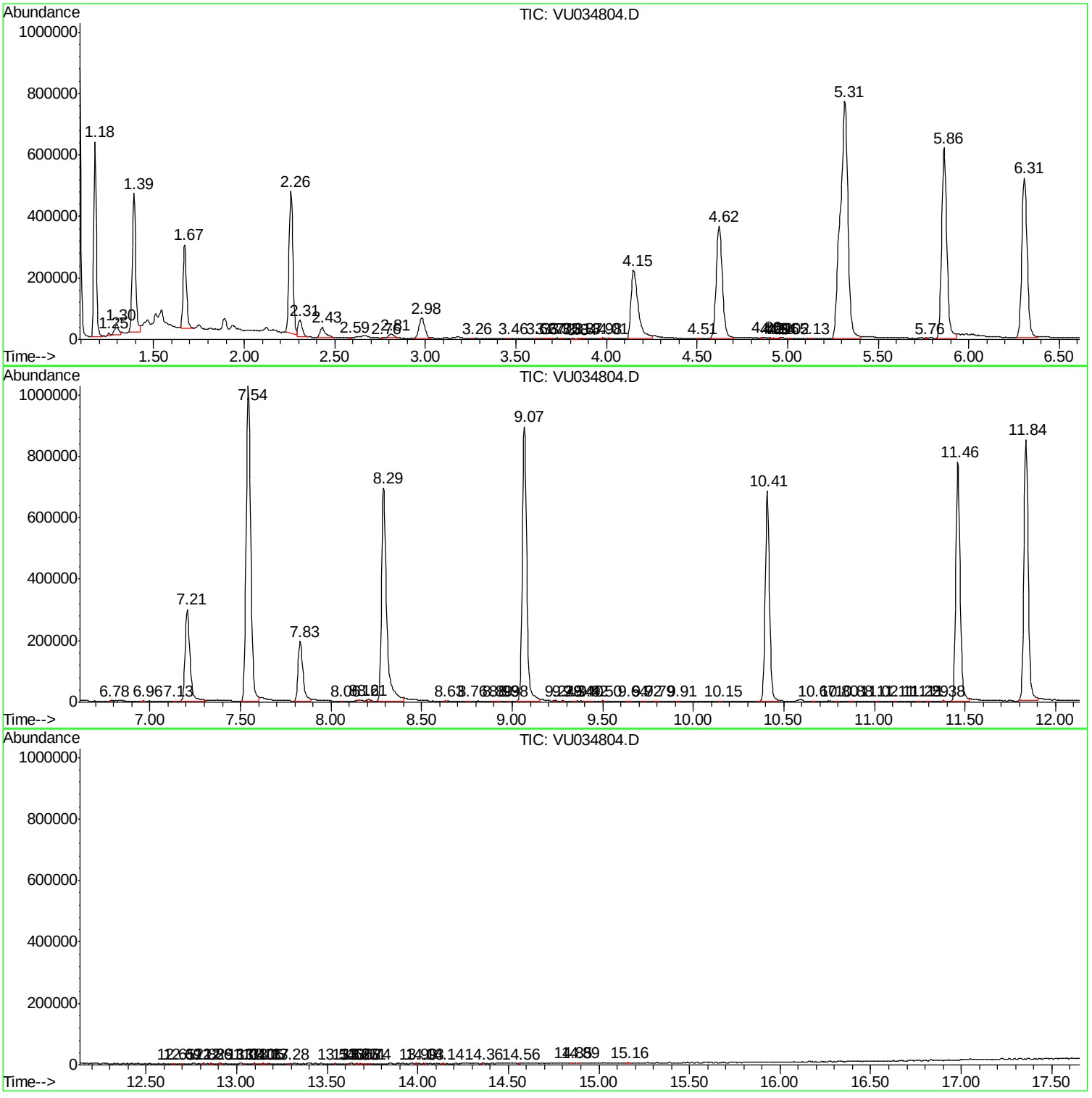
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

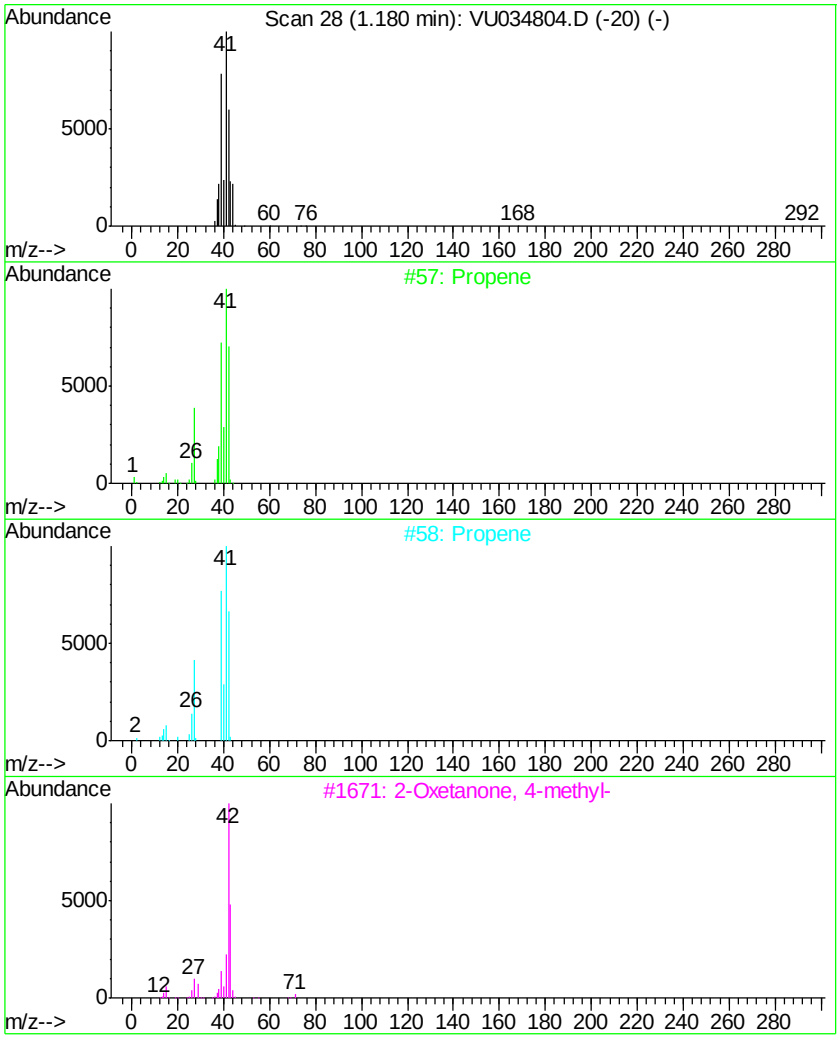
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

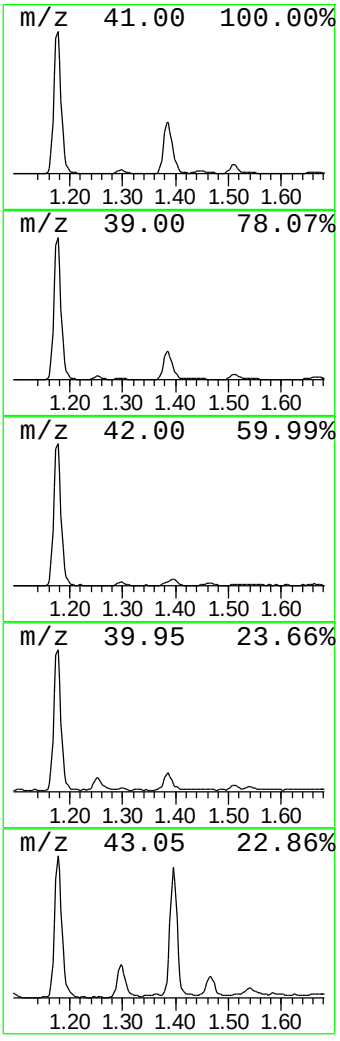
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	24.80 ug/L	613083	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
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ClientSampleId : BFCZ1

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

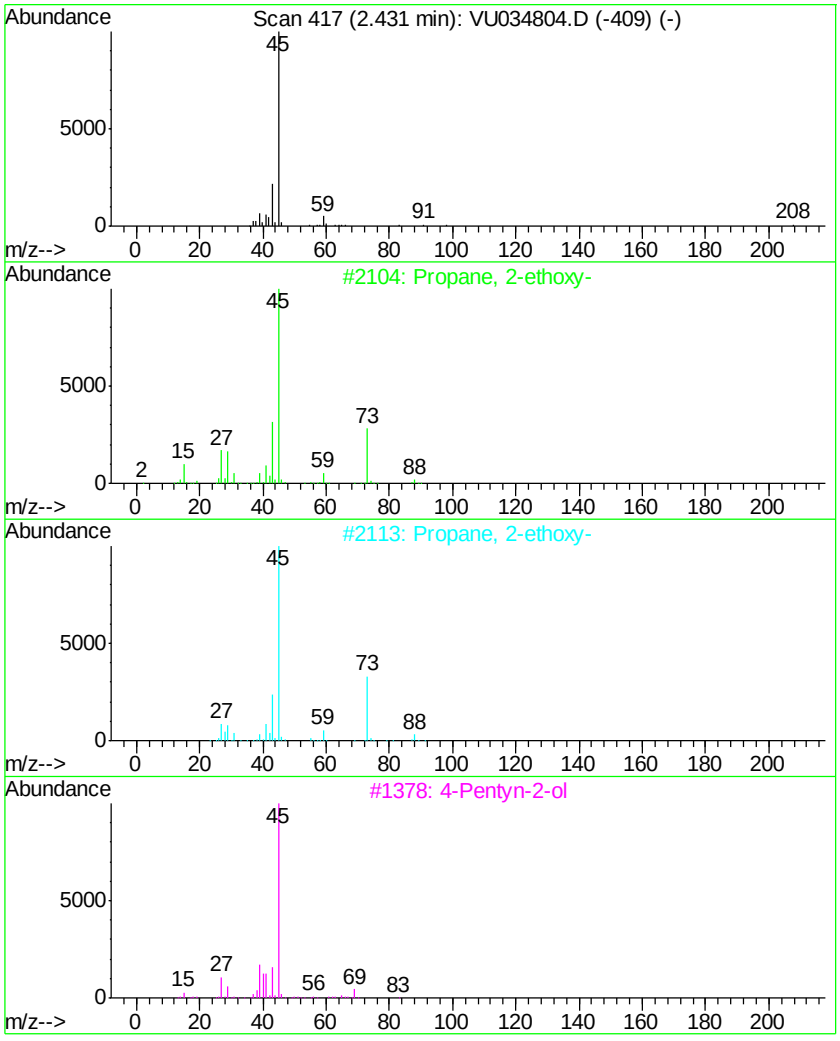
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

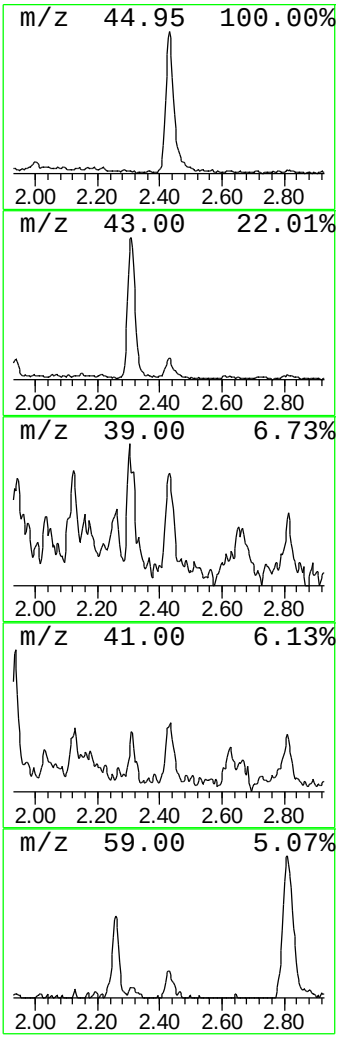
****

Peak Number 2 Propane, 2-ethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	2.81 ug/L	69412	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3	4-Pentyn-2-ol	84	C5H8O	002117-11-5	39
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9
5	2-Propanol, 1-bromo-	138	C3H7BrO	019686-73-8	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	24.8	ug/L	613083	1	5.86	1235940	50.0
Propane, 2-ethoxy-	2.43	2.8	ug/L	69412	1	5.86	1235940	50.0