LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032983.D
Acq On : 22 Jun 2019 06:58
Operator : JC/SP
Sample : K3464-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF61

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\SOMULM061719WMA.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	1.395	88	95	108	rBV	80859	82479	11.25%	1.375%
2	1.550	136	143	151	rVB5	6072	7820	1.07%	0.130%
3	1.675	174	182	198	rVB	72131	86984	11.87%	1.450%
4	2.267	355	366	379	rVB	143800	216614	29.55%	3.612%
5	2.440	411	420	446	rBV	24462	46679	6.37%	0.778%
6	2.604	468	471	474	rVB	331	200	0.03%	0.003%
7	2.710	501	504	507	rBV	418	259	0.04%	0.004%
8	2.810	531	535	536	rBV2	552	382	0.05%	0.006%
9	2.836	536	543	550	rVB5	953	1511	0.21%	0.025%
10	2.974	583	586	589	rBV2	342	246	0.03%	0.004%
11	3.180	638	650	672	rBV3	10895	25897	3.53%	0.432%
12	3.280	678	681	683	rBV2	411	300	0.04%	0.005%
13	3.357	701	705	707	rBV2	372	267	0.04%	0.004%
14	3.386	711	714	717	rVV	300	245	0.03%	0.004%
15	3.427	724	727	730	rVV2	336	289	0.04%	0.005%
16	3.453	733	735	741	rVB	493	408	0.06%	0.007%
17	3.543	760	763	767	rVV3	208	223	0.03%	0.004%
18	3.579	770	774	779	rVB2	298	326	0.04%	0.005%
19	3.608	779	783	786	rBV2	222	208	0.03%	0.003%
20	3.665	796	801	804	rBV	320	256	0.03%	0.004%
21	3.710	813	815	819	rVB	266	226	0.03%	0.004%
22	3.736	819	823	825	rBV	343	279	0.04%	0.005%
23	3.791	835	840	843	rBV	498	495	0.07%	0.008%
24	3.903	869	875	876	rBV2	319	274	0.04%	0.005%
25	3.958	889	892	895	rBV	250	207	0.03%	0.003%
26	4.019	909	911	917	rBV3	210	208	0.03%	0.003%
27	4.090	930	933	937	rBV	299	277	0.04%	0.005%
28	4.170	945	958	990	rBV	72692	210068	28.66%	3.503%
29	4.495	1056	1059	1060	rBV2	311	200	0.03%	0.003%
30	4.640	1088	1104	1127	rVV	127084	297127	40.54%	4.954%
31	4.739	1131	1135	1137	rBV2	432	339	0.05%	0.006%
32	4.807	1153	1156	1159	rVB2	383	237	0.03%	0.004%
33	4.932	1189	1195	1197	rBV3	264	253	0.03%	0.004%
34	4.984	1207	1211	1212	rVV	309	234	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032983.D
Acq On : 22 Jun 2019 06:58
Operator : JC/SP
Sample : K3464-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF61

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\SOMULM061719WMA.M
Title : VOC Analysis

35	4.993	1212	1214	1218	rVB2	399	265	0.04%	0.004%
36	5.013	1218	1220	1223	rBV	394	236	0.03%	0.004%
37	5.331	1293	1319	1346	rBV2	243755	732941	100.00%	12.221%
38	5.582	1393	1397	1399	rVB3	394	260	0.04%	0.004%
39	5.607	1403	1405	1409	rBV2	252	220	0.03%	0.004%
40	5.656	1416	1420	1426	rBV3	545	415	0.06%	0.007%
41	5.685	1426	1429	1433	rBV2	424	337	0.05%	0.006%
42	5.736	1438	1445	1449	rVB4	418	549	0.07%	0.009%
43	5.762	1449	1453	1454	rBV	477	340	0.05%	0.006%
44	5.794	1454	1463	1466	rBV4	1014	1231	0.17%	0.021%
45	5.881	1476	1490	1516	rBV	242034	479181	65.38%	7.990%
46	6.122	1561	1565	1568	rBV3	350	323	0.04%	0.005%
47	6.183	1572	1584	1596	rVV6	11723	24261	3.31%	0.405%
48	6.324	1609	1628	1647	rBV2	170075	340697	46.48%	5.681%
49	6.665	1729	1734	1736	rBV2	294	246	0.03%	0.004%
50	6.723	1747	1752	1755	rVB	261	251	0.03%	0.004%
51	6.749	1755	1760	1763	rBV2	452	403	0.05%	0.007%
52	6.820	1769	1782	1791	rBV5	2136	3974	0.54%	0.066%
53	7.022	1839	1845	1846	rBV	243	239	0.03%	0.004%
54	7.222	1895	1907	1932	rBV	88248	161203	21.99%	2.688%
55	7.331	1938	1941	1945	rVB3	493	339	0.05%	0.006%
56	7.386	1948	1958	1972	rVB4	11996	22612	3.09%	0.377%
57	7.559	1999	2012	2031	rBV	323702	556132	75.88%	9.273%
58	7.845	2087	2101	2125	rBV	63026	111399	15.20%	1.857%
59	7.958	2135	2136	2140	rVB	364	229	0.03%	0.004%
60	8.173	2196	2203	2210	rVB4	1190	1731	0.24%	0.029%
61	8.225	2210	2219	2227	rVB4	6477	10384	1.42%	0.173%
62	8.305	2233	2244	2287	rBV	213343	401219	54.74%	6.690%
63	8.569	2323	2326	2329	rBV2	432	249	0.03%	0.004%
64	8.594	2329	2334	2337	rVB2	287	228	0.03%	0.004%
65	8.617	2337	2341	2344	rBV	253	211	0.03%	0.004%
66	8.787	2389	2394	2397	rBV3	379	323	0.04%	0.005%
67	9.083	2474	2486	2510	rBV	365941	611749	83.46%	10.200%
68	9.266	2539	2543	2544	rBV2	398	295	0.04%	0.005%
69	9.328	2557	2562	2564	rVV2	189	202	0.03%	0.003%
70	9.363	2564	2573	2581	rVB6	2247	3919	0.53%	0.065%
71	9.453	2594	2601	2607	rBV3	308	505	0.07%	0.008%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032983.D
Acq On : 22 Jun 2019 06:58
Operator : JC/SP
Sample : K3464-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF61

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\SOMULM061719WMA.M
Title : VOC Analysis

72	9.482	2607	2610	2613	rVB2	319	218	0.03%	0.004%
73	9.514	2613	2620	2623	rBV3	447	545	0.07%	0.009%
74	9.559	2630	2634	2641	rVB3	409	491	0.07%	0.008%
75	9.845	2718	2723	2725	rBV	283	283	0.04%	0.005%
76	10.035	2779	2782	2789	rVB3	406	519	0.07%	0.009%
77	10.067	2789	2792	2796	rBV2	272	254	0.03%	0.004%
78	10.170	2818	2824	2828	rBV3	460	612	0.08%	0.010%
79	10.192	2828	2831	2836	rVV3	401	446	0.06%	0.007%
80	10.215	2836	2838	2842	rVV2	528	387	0.05%	0.006%
81	10.241	2842	2846	2850	rVV3	357	393	0.05%	0.007%
82	10.276	2854	2857	2860	rVV2	300	232	0.03%	0.004%
83	10.347	2875	2879	2885	rBV3	272	405	0.06%	0.007%
84	10.427	2891	2904	2926	rBV	249221	408030	55.67%	6.804%
85	10.604	2951	2959	2969	rVB4	1518	2507	0.34%	0.042%
86	10.704	2986	2990	2995	rBV3	216	212	0.03%	0.004%
87	10.832	3025	3030	3033	rBV	412	414	0.06%	0.007%
88	10.987	3075	3078	3084	rVB3	261	251	0.03%	0.004%
89	11.128	3119	3122	3123	rBV	403	270	0.04%	0.005%
90	11.266	3164	3165	3170	rVB2	330	201	0.03%	0.003%
91	11.479	3219	3231	3251	rBV	362124	576023	78.59%	9.605%
92	11.639	3279	3281	3285	rVB3	441	299	0.04%	0.005%
93	11.855	3330	3348	3370	rBV	332785	550647	75.13%	9.182%
94	12.334	3493	3497	3500	rBV2	413	422	0.06%	0.007%
95	12.437	3526	3529	3535	rVB2	526	478	0.07%	0.008%
96	12.469	3535	3539	3540	rBV	328	250	0.03%	0.004%
97	12.527	3554	3557	3562	rBV2	325	279	0.04%	0.005%
98	12.778	3632	3635	3640	rBV2	311	230	0.03%	0.004%
99	12.987	3697	3700	3707	rBV3	298	357	0.05%	0.006%
100	14.186	4071	4073	4076	rBV2	429	288	0.04%	0.005%

Sum of corrected areas: 5997258

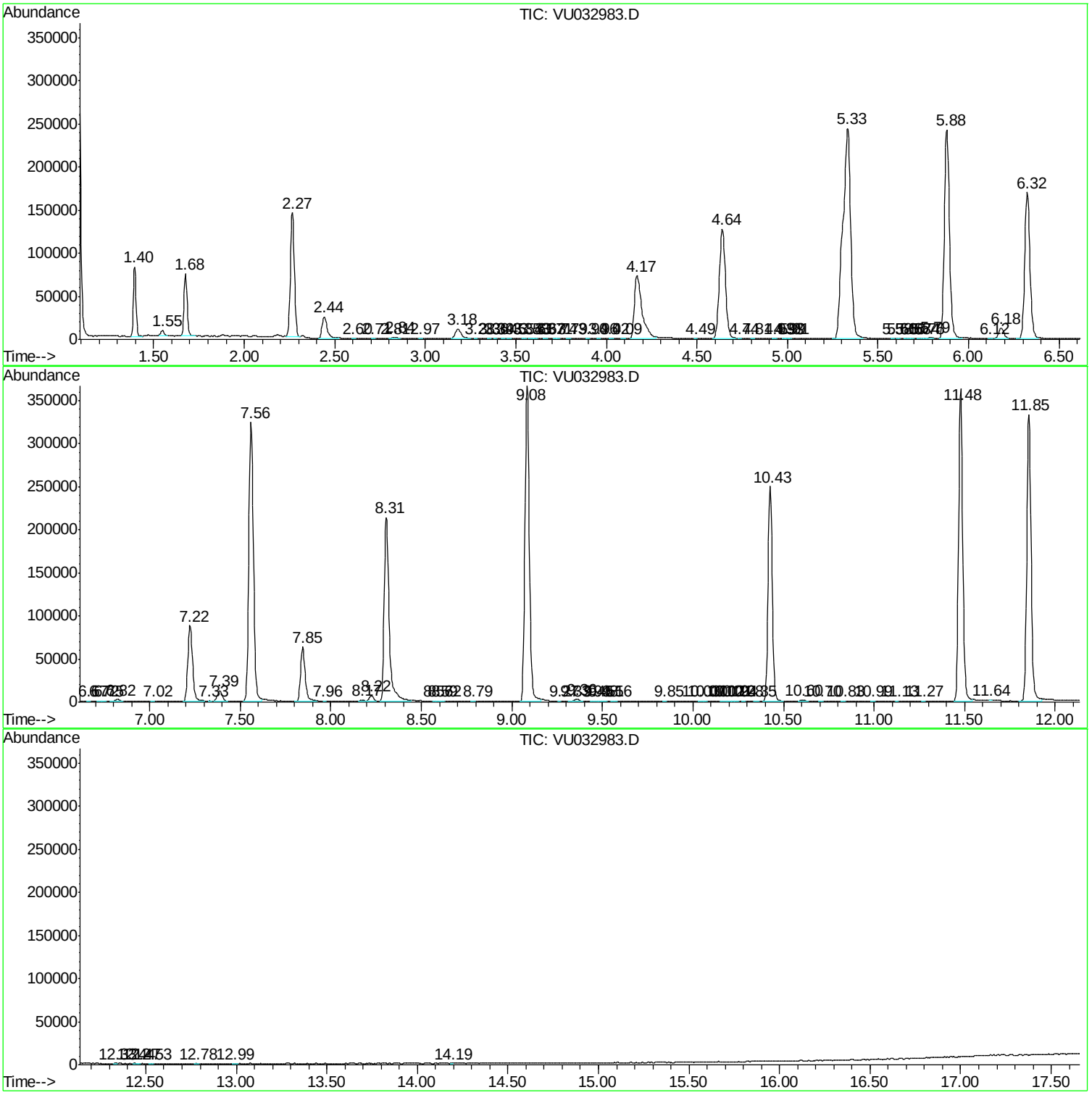
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032983.D
Acq On : 22 Jun 2019 06:58
Operator : JC/SP
Sample : K3464-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF61

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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\VU062219\
Data File : VU032983.D
Acq On : 22 Jun 2019 06:58
Operator : JC/SP
Sample : K3464-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF61

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

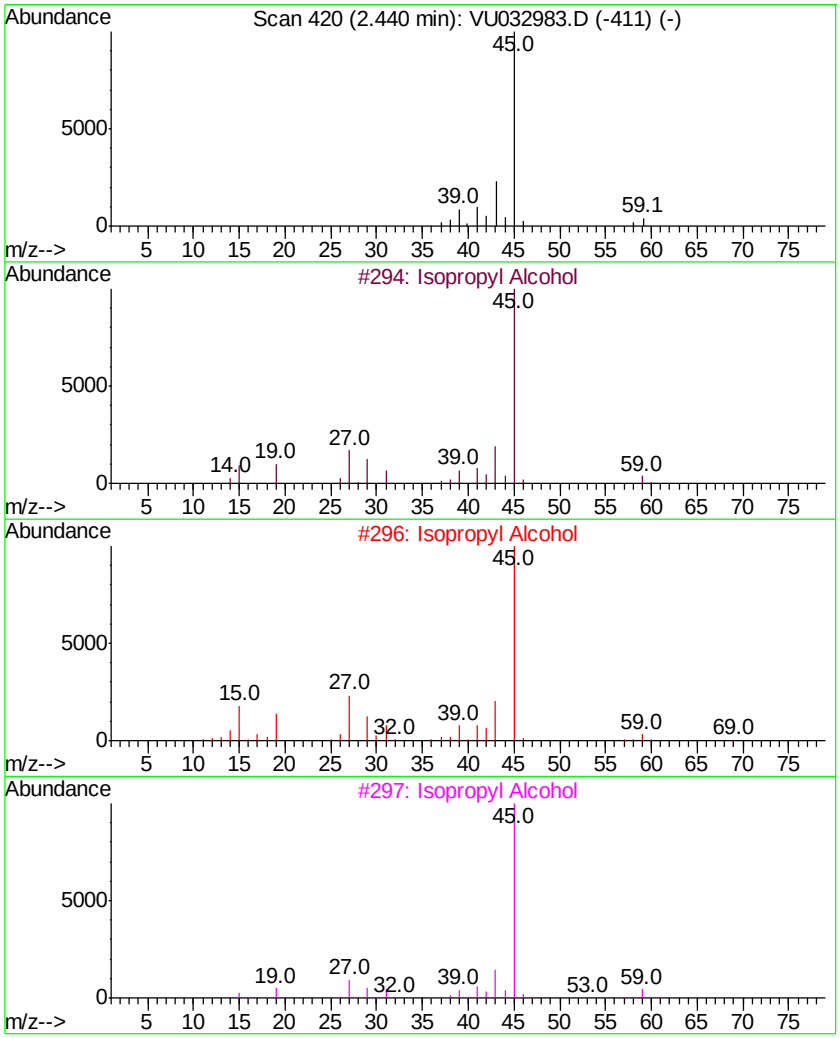
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

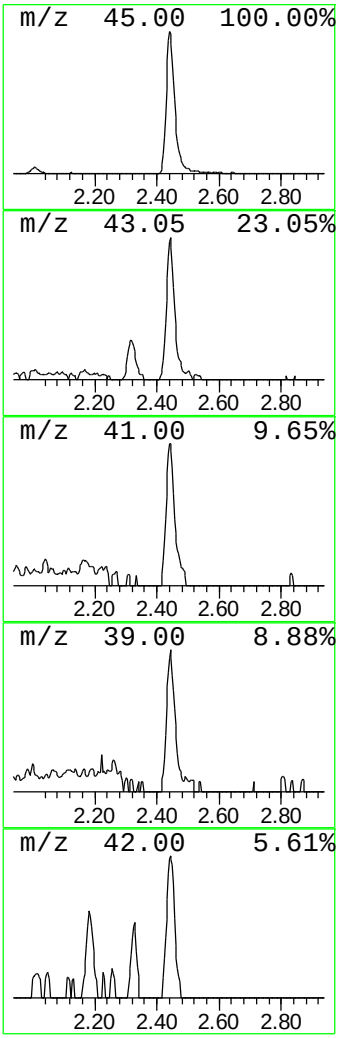
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.87 ug/L	46679	1,4-Difluorobenzene	5.88

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	9
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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
Data File : VU032983.D
Acq On : 22 Jun 2019 06:58
Operator : JC/SP
Sample : K3464-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF61

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

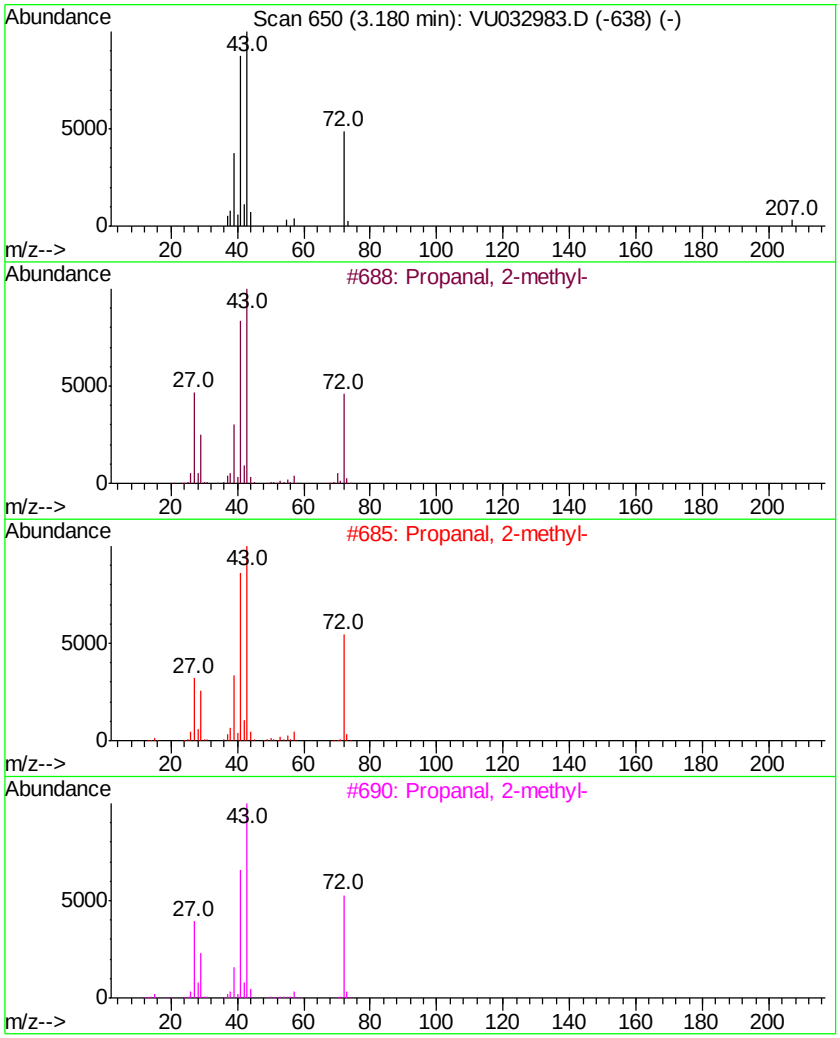
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

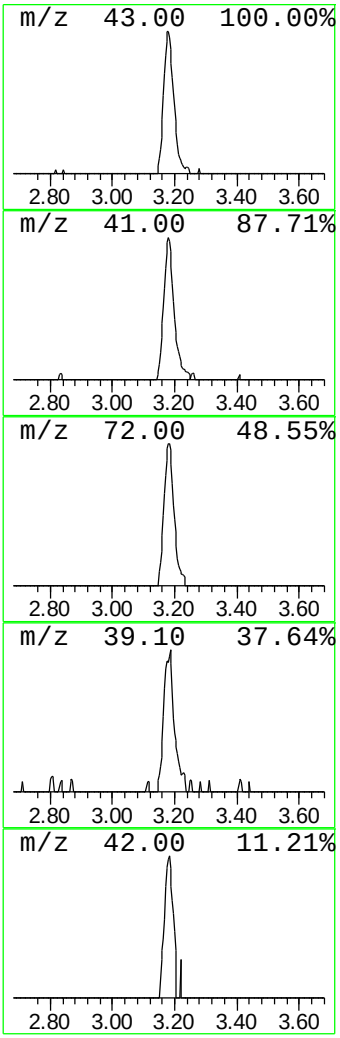
****

Peak Number 2 Propanal, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	2.70 ug/L	25897	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	83
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	56
5	Butanal	72	C4H8O	000123-72-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
Data File : VU032983.D
Acq On : 22 Jun 2019 06:58
Operator : JC/SP
Sample : K3464-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF61

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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
Isopropyl Alcohol	2.44	4.9	ug/L	46679	1	5.88	479181	50.0
Propanal, 2-methyl-	3.18	2.7	ug/L	25897	1	5.88	479181	50.0