LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
Data File : VU032684.D
Acq On : 13 Jun 2019 11:18
Operator : JC/SP
Sample : K3286-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

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\SOMULM060619WMA.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	1.180	24	28	35	rVB4	3716	3545	0.35%	0.047%
2	1.396	88	95	105	rBV	72855	71203	7.11%	0.944%
3	1.675	174	182	192	rBV	59518	73886	7.38%	0.979%
4	2.267	356	366	376	rBV	120313	180438	18.01%	2.391%
5	2.318	378	382	399	rVB	9422	14136	1.41%	0.187%
6	2.447	419	422	426	rBV3	402	356	0.04%	0.005%
7	2.531	444	448	451	rBV2	270	245	0.02%	0.003%
8	2.588	461	466	469	rBV	304	309	0.03%	0.004%
9	2.624	474	477	478	rBV2	370	207	0.02%	0.003%
10	2.695	491	499	515	rVB2	7319	13022	1.30%	0.173%
11	2.765	515	521	526	rBV2	154	235	0.02%	0.003%
12	2.981	582	588	597	rVB2	1058	1602	0.16%	0.021%
13	3.164	641	645	649	rBV2	191	162	0.02%	0.002%
14	3.206	653	658	661	rBV2	188	215	0.02%	0.003%
15	3.486	742	745	752	rVV2	164	182	0.02%	0.002%
16	3.518	752	755	760	rVB	271	216	0.02%	0.003%
17	3.646	792	795	799	rVV	260	224	0.02%	0.003%
18	3.817	841	848	852	rBV2	195	243	0.02%	0.003%
19	4.032	908	915	919	rBV2	191	248	0.02%	0.003%
20	4.055	919	922	927	rVB2	202	167	0.02%	0.002%
21	4.167	945	957	989	rBV	63217	177063	17.67%	2.347%
22	4.370	1017	1020	1022	rBV2	244	174	0.02%	0.002%
23	4.469	1048	1051	1057	rVB	302	232	0.02%	0.003%
24	4.640	1088	1104	1129	rBV	100168	233263	23.28%	3.092%
25	4.894	1175	1183	1187	rBV3	236	313	0.03%	0.004%
26	5.019	1215	1222	1227	rBV2	282	404	0.04%	0.005%
27	5.100	1242	1247	1251	rBV2	160	169	0.02%	0.002%
28	5.132	1252	1257	1260	rBV	212	196	0.02%	0.003%
29	5.334	1297	1320	1345	rBV2	192373	572121	57.11%	7.583%
30	5.553	1379	1388	1402	rBV3	3347	7189	0.72%	0.095%
31	5.627	1409	1411	1415	rVB3	331	208	0.02%	0.003%
32	5.646	1415	1417	1421	rBV2	216	171	0.02%	0.002%
33	5.881	1465	1490	1513	rBV	216310	464173	46.33%	6.152%
34	6.183	1573	1584	1603	rVB3	30768	63407	6.33%	0.840%

LSC Area Percent Report

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Acq On : 13 Jun 2019 11:18
Operator : JC/SP
Sample : K3286-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

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\SOMULM060619WMA.M
Title : VOC Analysis

35	6.325	1615	1628	1648	rBV	134275	266465	26.60%	3.532%
36	6.424	1652	1659	1676	rVB2	5216	11067	1.10%	0.147%
37	6.537	1687	1694	1700	rBV2	1864	3001	0.30%	0.040%
38	6.575	1701	1706	1714	rBV2	3289	5709	0.57%	0.076%
39	6.698	1732	1744	1779	rBV	563259	1001793	100.00%	13.277%
40	7.154	1883	1886	1892	rBV2	333	322	0.03%	0.004%
41	7.225	1895	1908	1934	rVV	74650	137901	13.77%	1.828%
42	7.415	1956	1967	1997	rBV	107406	188872	18.85%	2.503%
43	7.559	2000	2012	2032	rBV	256443	447664	44.69%	5.933%
44	7.698	2052	2055	2060	rBV5	838	790	0.08%	0.010%
45	7.772	2075	2078	2081	rVB3	275	213	0.02%	0.003%
46	7.784	2081	2082	2089	rBV5	560	639	0.06%	0.008%
47	7.846	2091	2101	2125	rVV2	58806	102336	10.22%	1.356%
48	8.151	2184	2196	2212	rBV	56570	97072	9.69%	1.287%
49	8.231	2212	2221	2223	rVV5	9485	12723	1.27%	0.169%
50	8.257	2224	2229	2235	rVV2	22870	33569	3.35%	0.445%
51	8.305	2235	2244	2266	rVV	222101	395850	39.51%	5.246%
52	8.411	2267	2277	2303	rVV	391572	646773	64.56%	8.572%
53	8.524	2305	2312	2327	rVB	21104	36364	3.63%	0.482%
54	8.788	2391	2394	2397	rBV2	247	190	0.02%	0.003%
55	8.897	2415	2428	2463	rBV	270174	438231	43.74%	5.808%
56	9.083	2474	2486	2525	rVB	307147	523017	52.21%	6.932%
57	9.476	2603	2608	2611	rBV2	260	208	0.02%	0.003%
58	9.517	2618	2621	2626	rBV2	236	273	0.03%	0.004%
59	9.611	2641	2650	2663	rBV2	3214	5981	0.60%	0.079%
60	9.768	2690	2699	2715	rBV3	9670	16632	1.66%	0.220%
61	9.878	2729	2733	2739	rBV	418	494	0.05%	0.007%
62	9.913	2741	2744	2749	rVB3	285	271	0.03%	0.004%
63	9.977	2760	2764	2769	rVV3	257	312	0.03%	0.004%
64	10.000	2769	2771	2774	rVB2	371	224	0.02%	0.003%
65	10.032	2778	2781	2786	rVB	350	241	0.02%	0.003%
66	10.058	2786	2789	2792	rBV	325	223	0.02%	0.003%
67	10.173	2821	2825	2827	rBV2	317	234	0.02%	0.003%
68	10.196	2830	2832	2838	rVB3	364	237	0.02%	0.003%
69	10.228	2838	2842	2844	rBV2	299	179	0.02%	0.002%
70	10.308	2863	2867	2873	rBV2	398	418	0.04%	0.006%
71	10.427	2892	2904	2926	rBV	203734	336753	33.62%	4.463%

LSC Area Percent Report

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Sample : K3286-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

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\SOMULM060619WMA.M
Title : VOC Analysis

72	10.672	2978	2980	2986	rVV2	164	166	0.02%	0.002%
73	10.733	2995	2999	3003	rBV2	310	366	0.04%	0.005%
74	10.775	3009	3012	3017	rBV2	225	262	0.03%	0.003%
75	11.003	3079	3083	3086	rBV3	267	235	0.02%	0.003%
76	11.135	3116	3124	3130	rBV2	141	250	0.02%	0.003%
77	11.479	3220	3231	3252	rBV	308765	495712	49.48%	6.570%
78	11.656	3283	3286	3288	rVB2	428	251	0.03%	0.003%
79	11.710	3299	3303	3305	rBV3	311	237	0.02%	0.003%
80	11.768	3319	3321	3325	rVB2	347	246	0.02%	0.003%
81	11.855	3335	3348	3371	rBV	272242	450088	44.93%	5.965%
82	12.228	3461	3464	3468	rBV	262	182	0.02%	0.002%
83	12.270	3473	3477	3479	rVV3	258	206	0.02%	0.003%
84	12.447	3528	3532	3535	rBV	253	171	0.02%	0.002%
85	12.495	3539	3547	3548	rBV2	250	290	0.03%	0.004%
86	12.659	3594	3598	3601	rBV	219	168	0.02%	0.002%
87	12.762	3622	3630	3633	rBV	193	284	0.03%	0.004%
88	12.929	3679	3682	3686	rBV	363	315	0.03%	0.004%
89	13.009	3704	3707	3712	rVB3	300	232	0.02%	0.003%
90	13.148	3747	3750	3755	rVB2	373	269	0.03%	0.004%
91	13.176	3755	3759	3762	rBV2	199	201	0.02%	0.003%
92	13.659	3906	3909	3917	rVB2	296	332	0.03%	0.004%
93	13.974	4003	4007	4009	rBV	258	213	0.02%	0.003%
94	14.045	4027	4029	4033	rBV2	256	178	0.02%	0.002%
95	14.170	4065	4068	4070	rBV2	253	189	0.02%	0.003%
96	14.289	4101	4105	4108	rVB2	264	240	0.02%	0.003%
97	14.308	4108	4111	4114	rBV2	302	239	0.02%	0.003%
98	14.379	4128	4133	4136	rBV3	190	217	0.02%	0.003%
99	14.398	4137	4139	4144	rVB2	294	186	0.02%	0.002%
100	14.897	4292	4294	4298	rVB2	272	167	0.02%	0.002%

Sum of corrected areas: 7545257

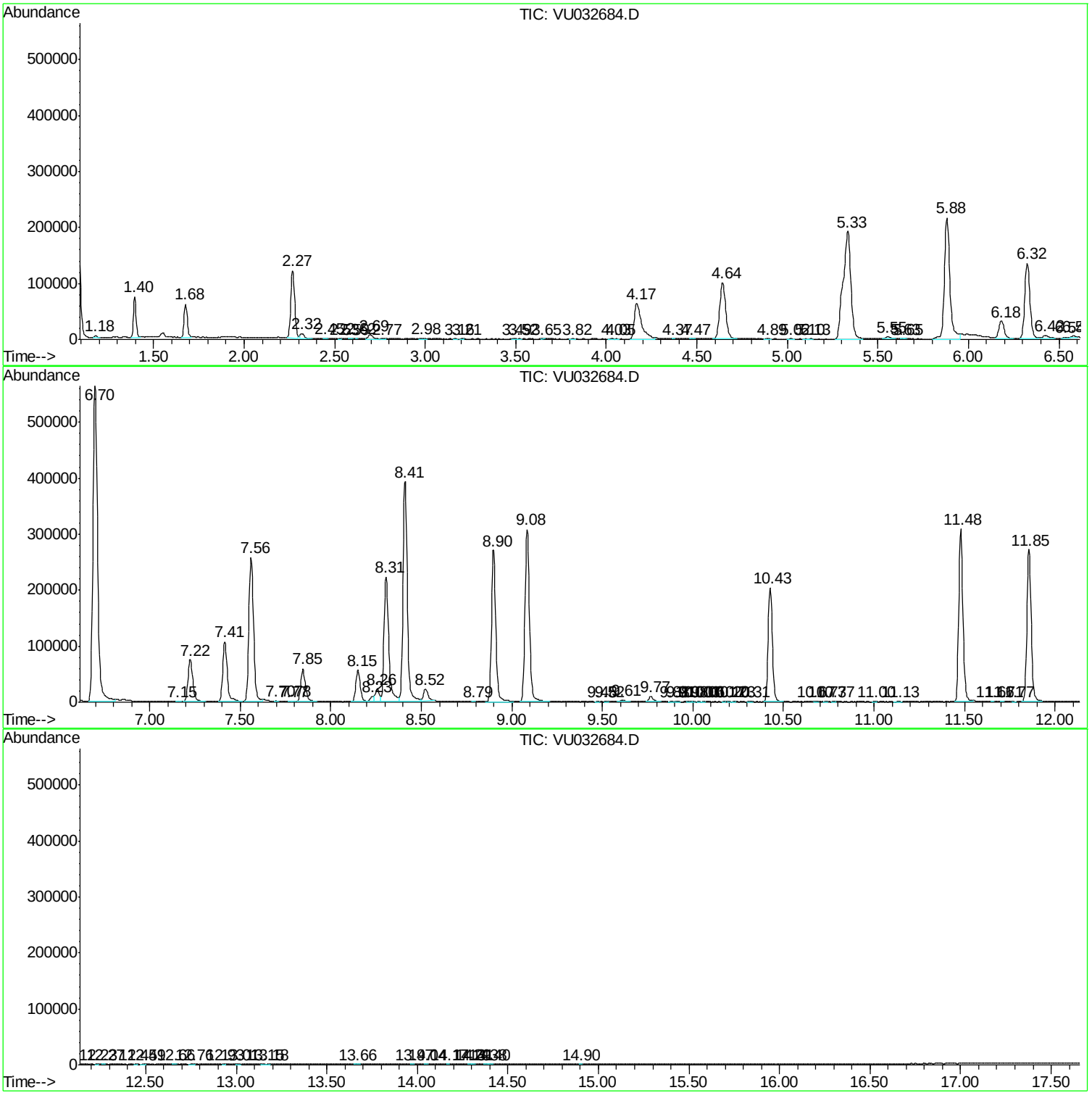
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\
Data File : VU032684.D
Acq On : 13 Jun 2019 11:18
Operator : JC/SP
Sample : K3286-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.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\VU061319\
Data File : VU032684.D
Acq On : 13 Jun 2019 11:18
Operator : JC/SP
Sample : K3286-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

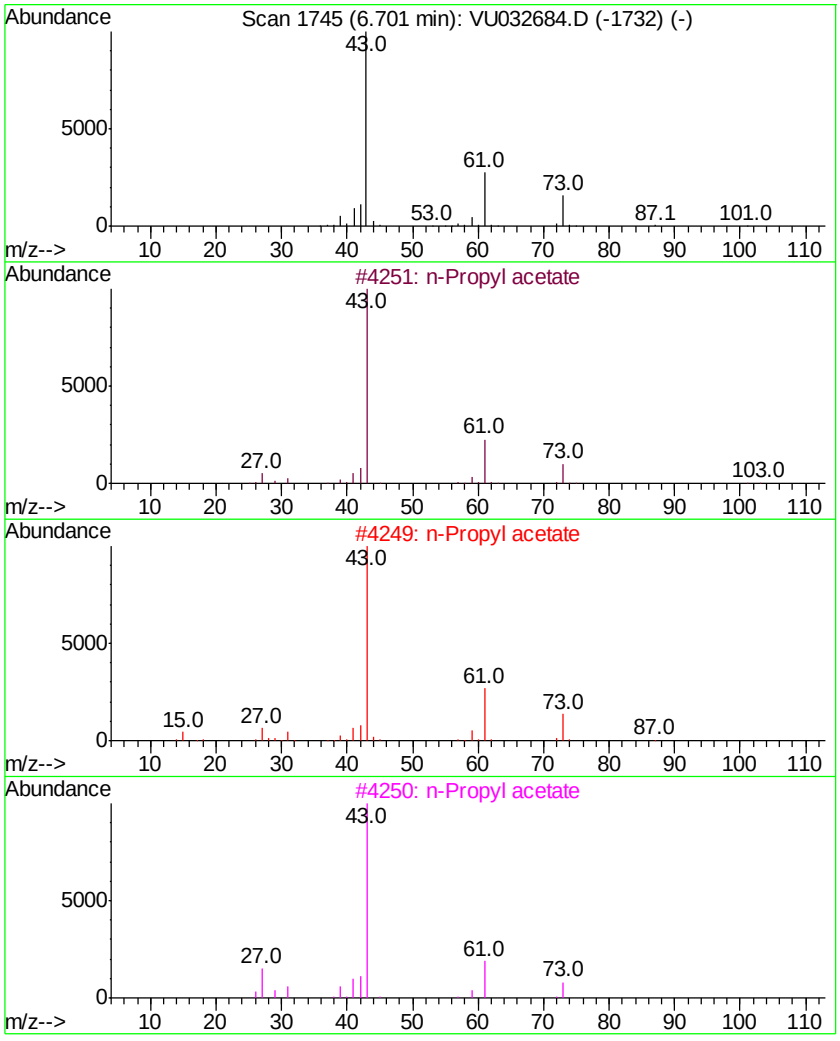
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

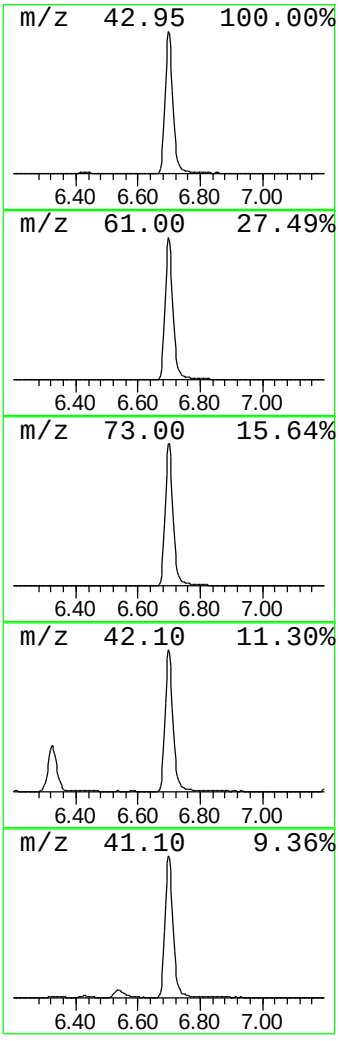
****

Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	107.91 ug/L	1001790	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	33





Library Search Compound Report

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Data File : VU032684.D
Acq On : 13 Jun 2019 11:18
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Sample : K3286-13
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

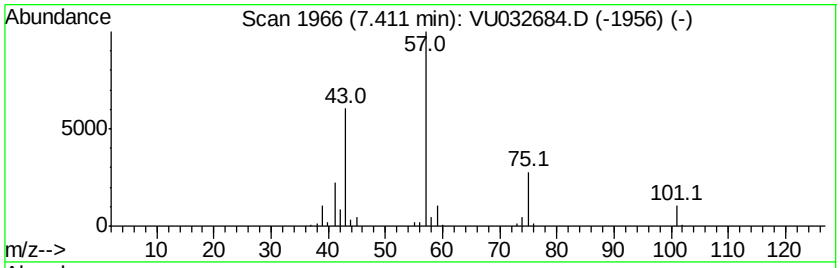
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

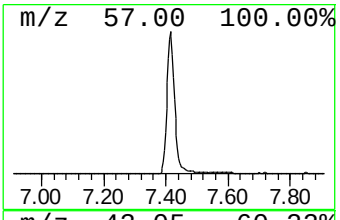
****

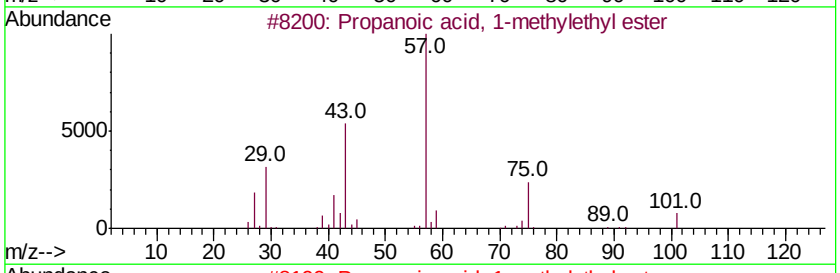
Peak Number 3 Propanoic acid, 1-methyleth... Concentration Rank 4

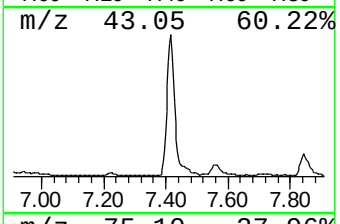
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	20.35 ug/L	188872	1,4-Difluorobenzene	5.88

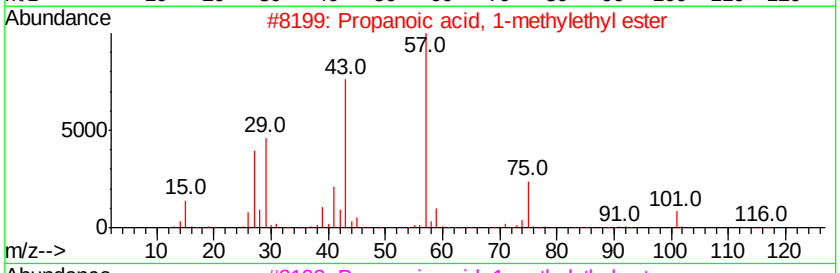
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	90
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	42

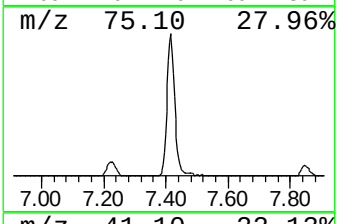


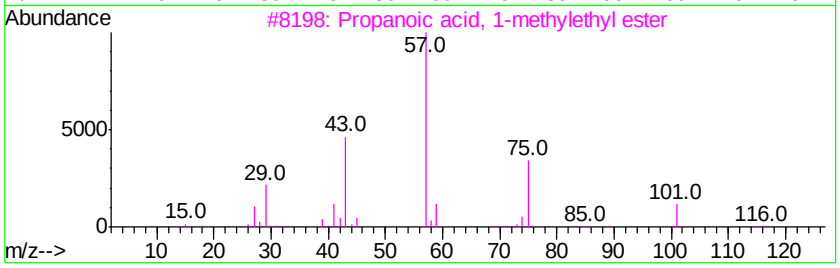


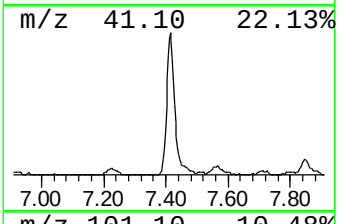


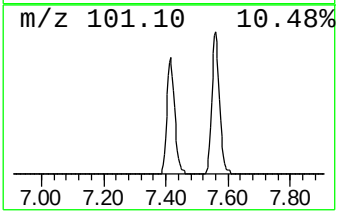












Library Search Compound Report

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Data File : VU032684.D
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Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

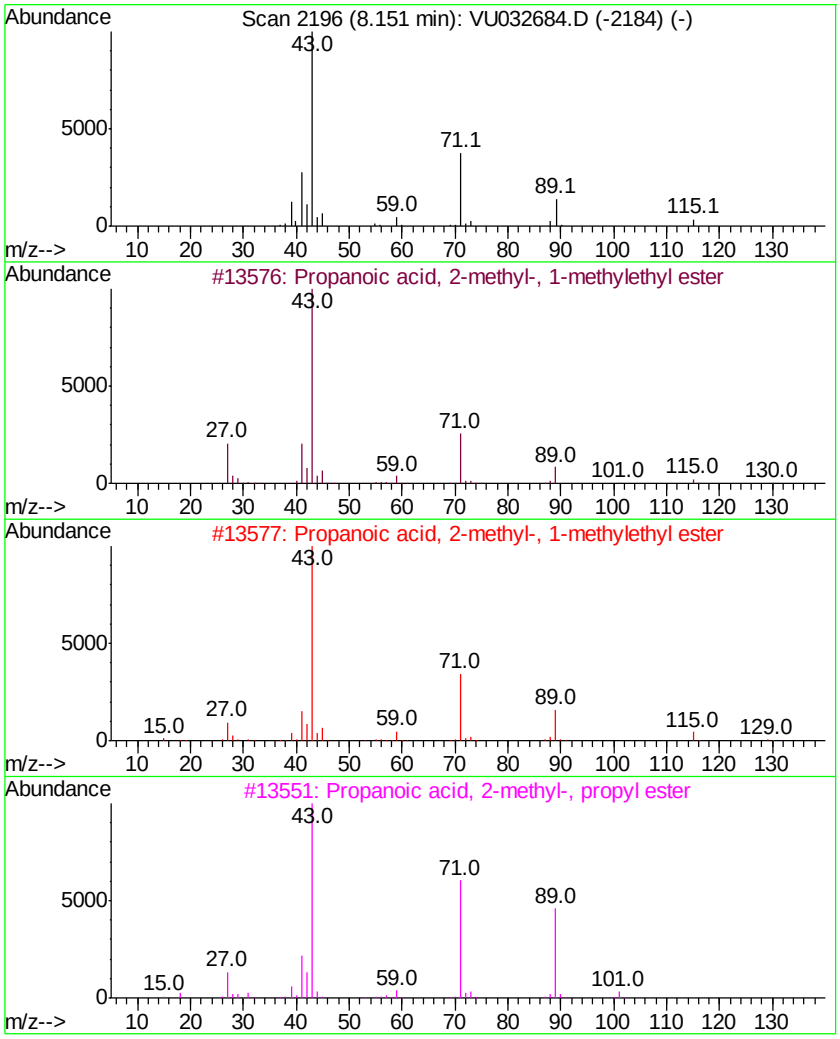
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

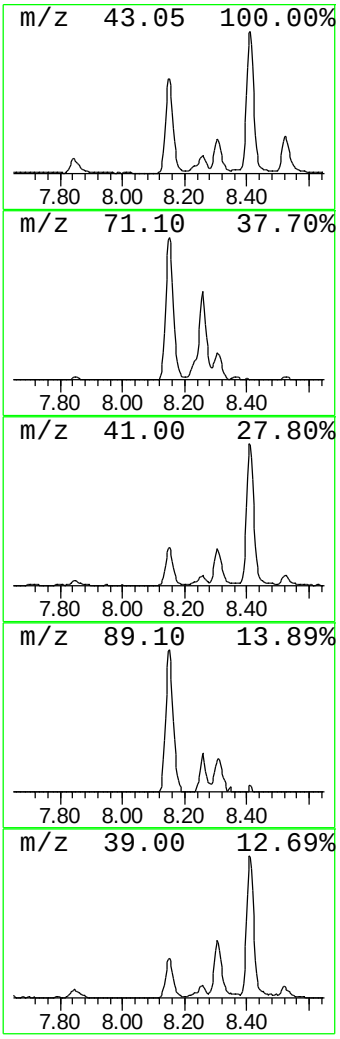
****

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	9.28 ug/L	97072	Chlorobenzene-d5	9.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	78
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56





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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

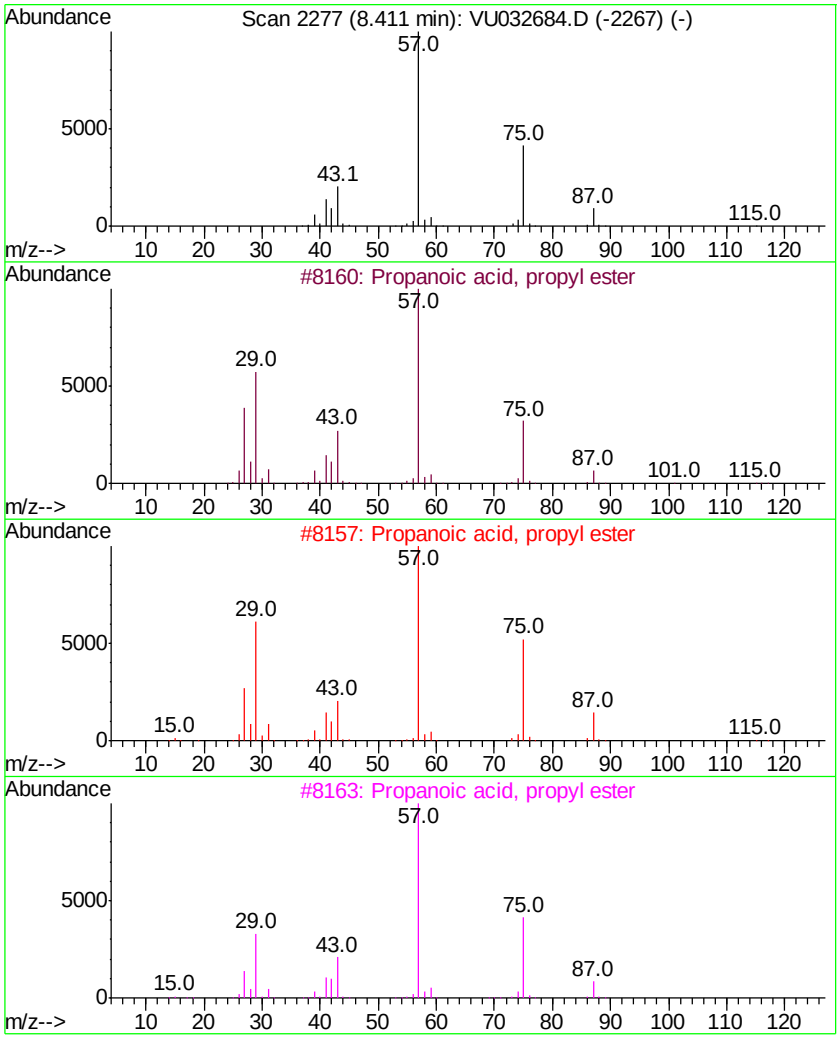
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

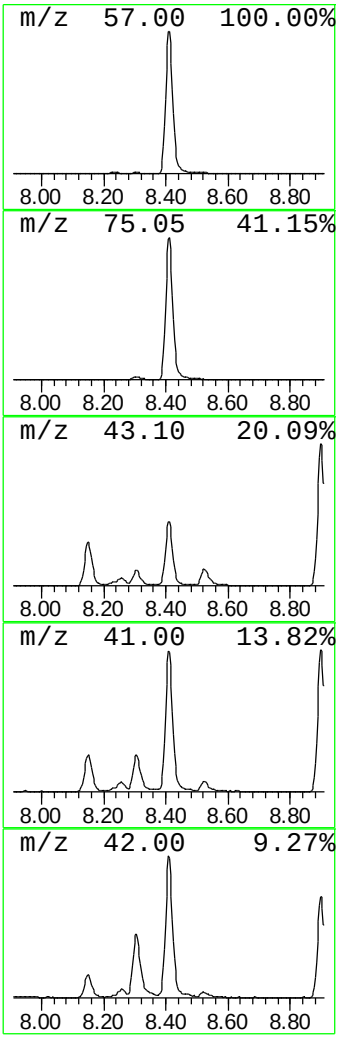
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	61.83 ug/L	646773	Chlorobenzene-d5	9.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\
Data File : VU032684.D
Acq On : 13 Jun 2019 11:18
Operator : JC/SP
Sample : K3286-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

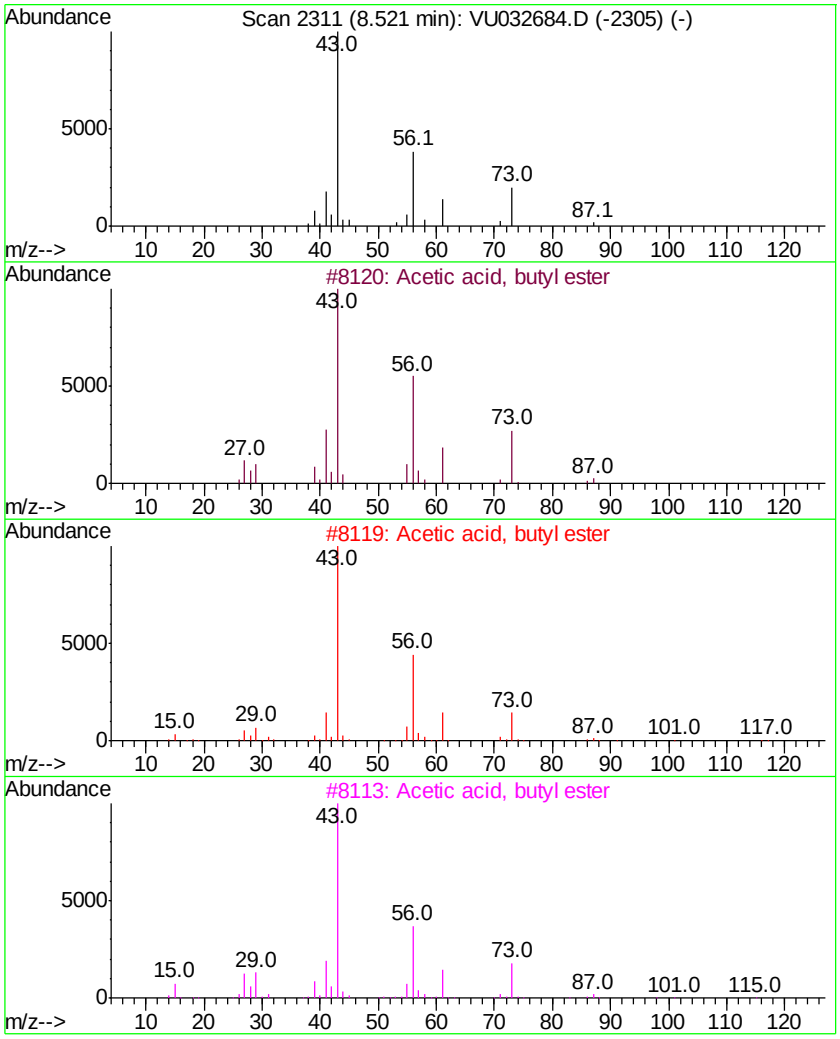
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

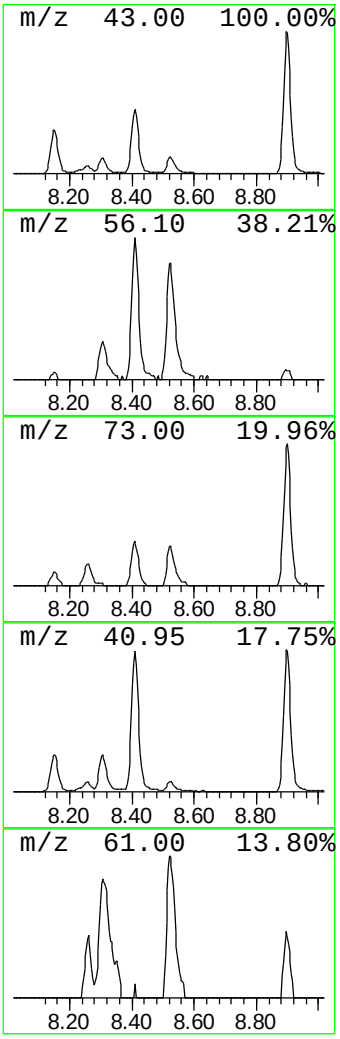
****

Peak Number 6 Acetic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3.48 ug/L	36364	Chlorobenzene-d5	9.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
4	Isobutyl acetate	116	C6H12O2	000110-19-0	38
5	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\
Data File : VU032684.D
Acq On : 13 Jun 2019 11:18
Operator : JC/SP
Sample : K3286-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

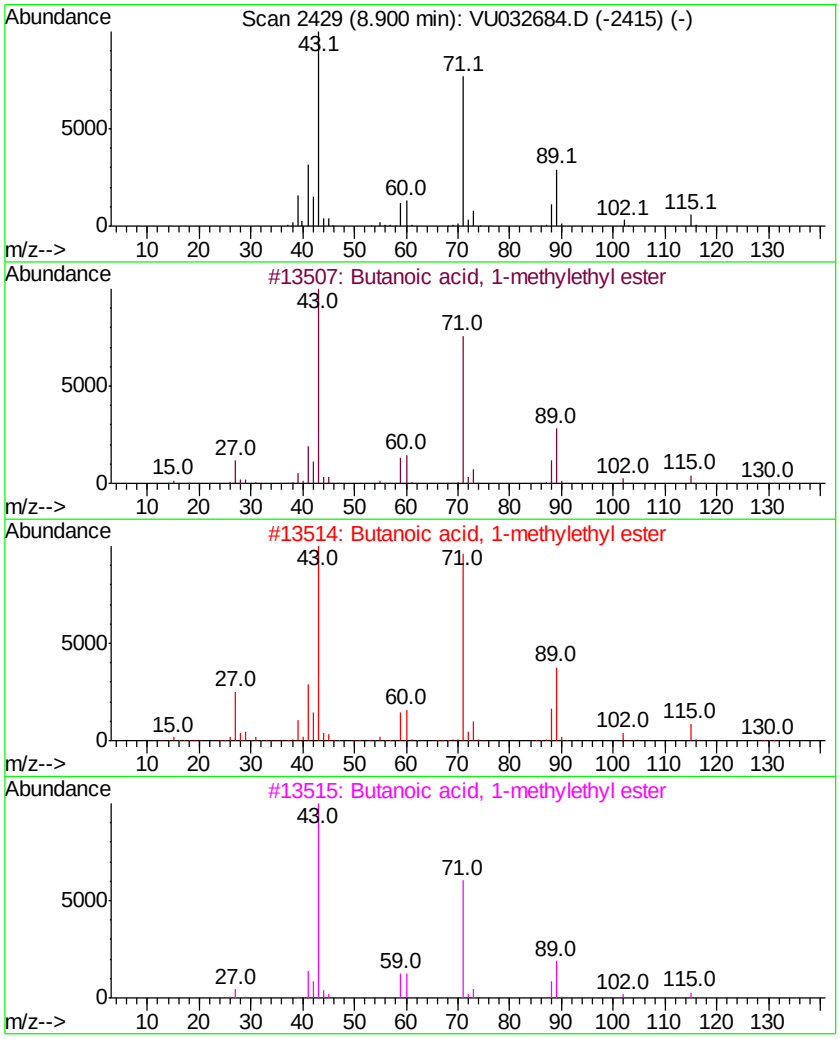
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

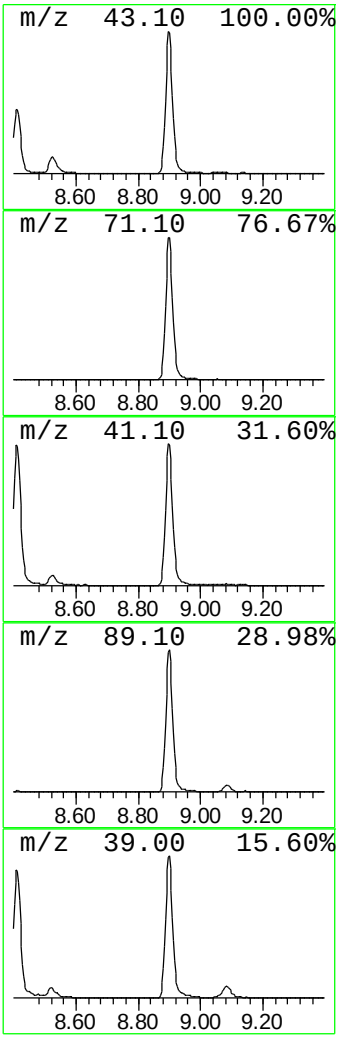
****

Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	41.89 ug/L	438231	Chlorobenzene-d5	9.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\
Data File : VU032684.D
Acq On : 13 Jun 2019 11:18
Operator : JC/SP
Sample : K3286-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.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
n-Propyl acetate	6.70	107.9	ug/L	1001790	1	5.88	464173	50.0
Propanoic acid, 1...	7.41	20.4	ug/L	188872	1	5.88	464173	50.0
Propanoic acid, 2...	8.15	9.3	ug/L	97072	2	9.08	523017	50.0
Propanoic acid, p...	8.41	61.8	ug/L	646773	2	9.08	523017	50.0
Acetic acid, buty...	8.52	3.5	ug/L	36364	2	9.08	523017	50.0
Butanoic acid, 1-...	8.90	41.9	ug/L	438231	2	9.08	523017	50.0