LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
Data File : VU032690.D
Acq On : 13 Jun 2019 13:35
Operator : JC/SP
Sample : K3286-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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	37	rVB	4182	3902	0.39%	0.053%
2	1.395	88	95	107	rVB	69288	71228	7.09%	0.963%
3	1.675	175	182	193	rBV	58218	70767	7.05%	0.957%
4	2.267	355	366	376	rBV	119544	181650	18.09%	2.457%
5	2.318	377	382	394	rVB2	10915	16496	1.64%	0.223%
6	2.440	417	420	432	rVB4	967	1316	0.13%	0.018%
7	2.621	467	476	483	rBV2	934	1502	0.15%	0.020%
8	2.698	491	500	512	rVB2	7443	12548	1.25%	0.170%
9	2.820	537	538	543	rBV2	303	218	0.02%	0.003%
10	2.923	567	570	574	rVB	272	172	0.02%	0.002%
11	3.039	602	606	611	rBV2	218	251	0.02%	0.003%
12	3.071	611	616	620	rVV2	254	233	0.02%	0.003%
13	3.132	632	635	643	rVB	192	192	0.02%	0.003%
14	3.524	753	757	764	rVB2	218	269	0.03%	0.004%
15	3.569	768	771	775	rVB	274	189	0.02%	0.003%
16	3.624	782	788	792	rBV2	209	258	0.03%	0.003%
17	3.823	845	850	853	rBV2	185	162	0.02%	0.002%
18	4.170	946	958	1001	rVV	64004	170873	17.02%	2.311%
19	4.440	1040	1042	1048	rVB2	405	311	0.03%	0.004%
20	4.537	1066	1072	1075	rBV2	355	391	0.04%	0.005%
21	4.643	1088	1105	1137	rVB	99041	233918	23.30%	3.164%
22	5.116	1248	1252	1254	rBV2	254	163	0.02%	0.002%
23	5.173	1265	1270	1273	rBV	185	217	0.02%	0.003%
24	5.241	1285	1291	1293	rBV2	217	179	0.02%	0.002%
25	5.334	1293	1320	1344	rBV2	191078	570445	56.81%	7.715%
26	5.427	1348	1349	1354	rVB3	603	374	0.04%	0.005%
27	5.556	1379	1389	1403	rBV2	3598	7617	0.76%	0.103%
28	5.688	1427	1430	1437	rVB3	329	326	0.03%	0.004%
29	5.881	1467	1490	1512	rBV	217111	457114	45.53%	6.182%
30	6.325	1615	1628	1650	rBV2	133249	267806	26.67%	3.622%
31	6.424	1652	1659	1676	rVB	5249	11174	1.11%	0.151%
32	6.701	1732	1745	1789	rBV	553334	1004071	100.00%	13.579%
33	6.987	1832	1834	1838	rBV2	357	218	0.02%	0.003%
34	7.161	1884	1888	1890	rBV2	276	228	0.02%	0.003%

LSC Area Percent Report

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Sample : K3286-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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	7.225	1896	1908	1927	rBV	74490	134701	13.42%	1.822%
36	7.363	1948	1951	1954	rVB2	286	170	0.02%	0.002%
37	7.415	1956	1967	1991	rBV	104660	183050	18.23%	2.476%
38	7.559	1999	2012	2030	rBV	253960	448268	44.65%	6.062%
39	7.794	2083	2085	2087	rBV	293	166	0.02%	0.002%
40	7.845	2091	2101	2124	rVV2	56191	99078	9.87%	1.340%
41	8.151	2185	2196	2213	rBV	56079	94152	9.38%	1.273%
42	8.257	2214	2229	2235	rVV3	19838	40280	4.01%	0.545%
43	8.305	2235	2244	2266	rVV	221575	397068	39.55%	5.370%
44	8.411	2267	2277	2303	rVV	373635	610367	60.79%	8.255%
45	8.524	2305	2312	2335	rVB2	19410	37484	3.73%	0.507%
46	8.672	2355	2358	2361	rVB3	506	370	0.04%	0.005%
47	8.691	2361	2364	2367	rBV3	440	289	0.03%	0.004%
48	8.765	2384	2387	2392	rVV2	160	166	0.02%	0.002%
49	8.900	2418	2429	2460	rVV	254616	413298	41.16%	5.589%
50	9.083	2471	2486	2519	rBV	311851	530946	52.88%	7.181%
51	9.318	2556	2559	2563	rVB2	316	206	0.02%	0.003%
52	9.344	2563	2567	2569	rBV2	260	218	0.02%	0.003%
53	9.450	2595	2600	2603	rBV3	268	245	0.02%	0.003%
54	9.476	2604	2608	2613	rVB3	268	279	0.03%	0.004%
55	9.511	2615	2619	2623	rBV3	333	288	0.03%	0.004%
56	9.537	2623	2627	2630	rVB3	297	240	0.02%	0.003%
57	9.611	2641	2650	2668	rVV3	3072	6256	0.62%	0.085%
58	9.768	2690	2699	2711	rBV2	7828	13067	1.30%	0.177%
59	10.003	2769	2772	2776	rVB	340	236	0.02%	0.003%
60	10.038	2779	2783	2786	rBV2	229	181	0.02%	0.002%
61	10.058	2786	2789	2792	rBV	185	157	0.02%	0.002%
62	10.154	2817	2819	2822	rVB2	291	163	0.02%	0.002%
63	10.173	2822	2825	2828	rBV	200	173	0.02%	0.002%
64	10.286	2856	2860	2863	rVV2	256	185	0.02%	0.003%
65	10.328	2871	2873	2876	rVB2	292	182	0.02%	0.002%
66	10.427	2892	2904	2922	rBV	209680	334282	33.29%	4.521%
67	10.537	2934	2938	2941	rBV	382	257	0.03%	0.003%
68	10.585	2947	2953	2956	rBV2	337	339	0.03%	0.005%
69	10.758	3002	3007	3009	rVV2	263	225	0.02%	0.003%
70	10.775	3009	3012	3019	rVB3	400	408	0.04%	0.006%
71	10.832	3026	3030	3034	rBV3	187	163	0.02%	0.002%

LSC Area Percent Report

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Sample : K3286-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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	11.115	3114	3118	3120	rBV	192	166	0.02%	0.002%
73	11.151	3126	3129	3134	rBV	322	289	0.03%	0.004%
74	11.479	3220	3231	3252	rBV	308542	505665	50.36%	6.839%
75	11.855	3336	3348	3370	rBV	270061	447777	44.60%	6.056%
76	12.048	3406	3408	3412	rVB	350	174	0.02%	0.002%
77	12.131	3429	3434	3437	rVB2	243	211	0.02%	0.003%
78	12.228	3458	3464	3467	rBV2	249	277	0.03%	0.004%
79	12.366	3504	3507	3511	rBV2	219	189	0.02%	0.003%
80	12.778	3631	3635	3639	rBV2	203	184	0.02%	0.002%
81	12.916	3675	3678	3682	rBV2	285	250	0.02%	0.003%
82	12.948	3685	3688	3694	rVB2	209	188	0.02%	0.003%
83	13.000	3701	3704	3707	rBV	263	201	0.02%	0.003%
84	13.511	3857	3863	3867	rBV	210	287	0.03%	0.004%
85	13.604	3889	3892	3896	rBV	187	170	0.02%	0.002%
86	13.675	3909	3914	3918	rVB2	310	342	0.03%	0.005%
87	13.697	3918	3921	3922	rBV	301	171	0.02%	0.002%
88	13.736	3927	3933	3934	rBV2	274	274	0.03%	0.004%
89	14.086	4039	4042	4045	rBV	279	175	0.02%	0.002%
90	14.128	4052	4055	4058	rBV	221	184	0.02%	0.002%
91	14.167	4064	4067	4070	rVB2	404	251	0.02%	0.003%
92	14.421	4142	4146	4151	rBV2	307	377	0.04%	0.005%
93	14.472	4159	4162	4166	rBV	387	306	0.03%	0.004%
94	14.504	4168	4172	4174	rBV3	333	278	0.03%	0.004%
95	14.630	4205	4211	4214	rBV2	259	289	0.03%	0.004%
96	14.655	4215	4219	4220	rBV	331	240	0.02%	0.003%
97	14.749	4245	4248	4251	rVB2	366	243	0.02%	0.003%
98	14.919	4299	4301	4308	rVB2	255	209	0.02%	0.003%
99	15.414	4453	4455	4458	rBV3	249	166	0.02%	0.002%
100	15.864	4592	4595	4600	rBV2	382	359	0.04%	0.005%

Sum of corrected areas: 7394273

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\
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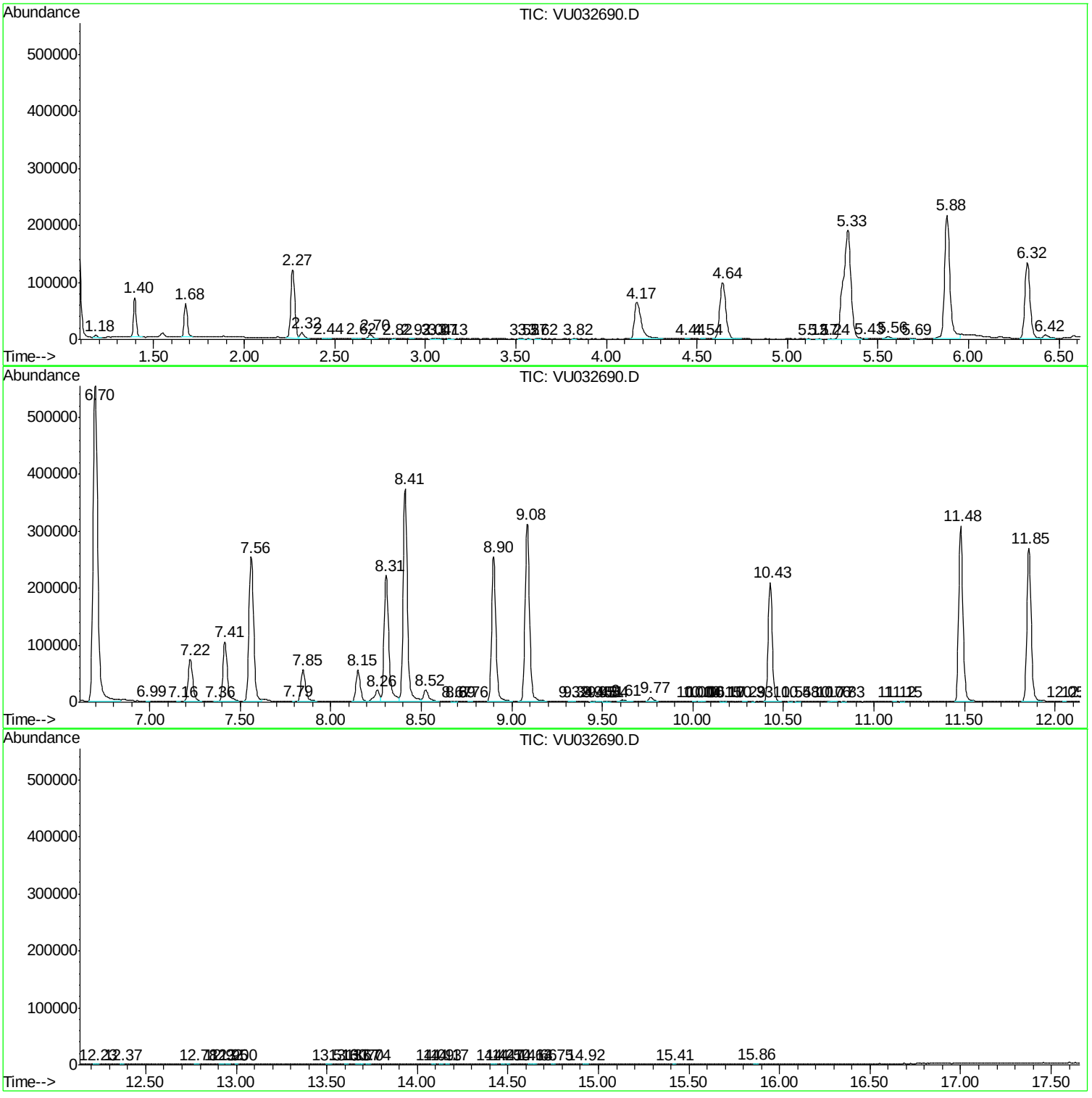
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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 : VU032690.D
Acq On : 13 Jun 2019 13:35
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

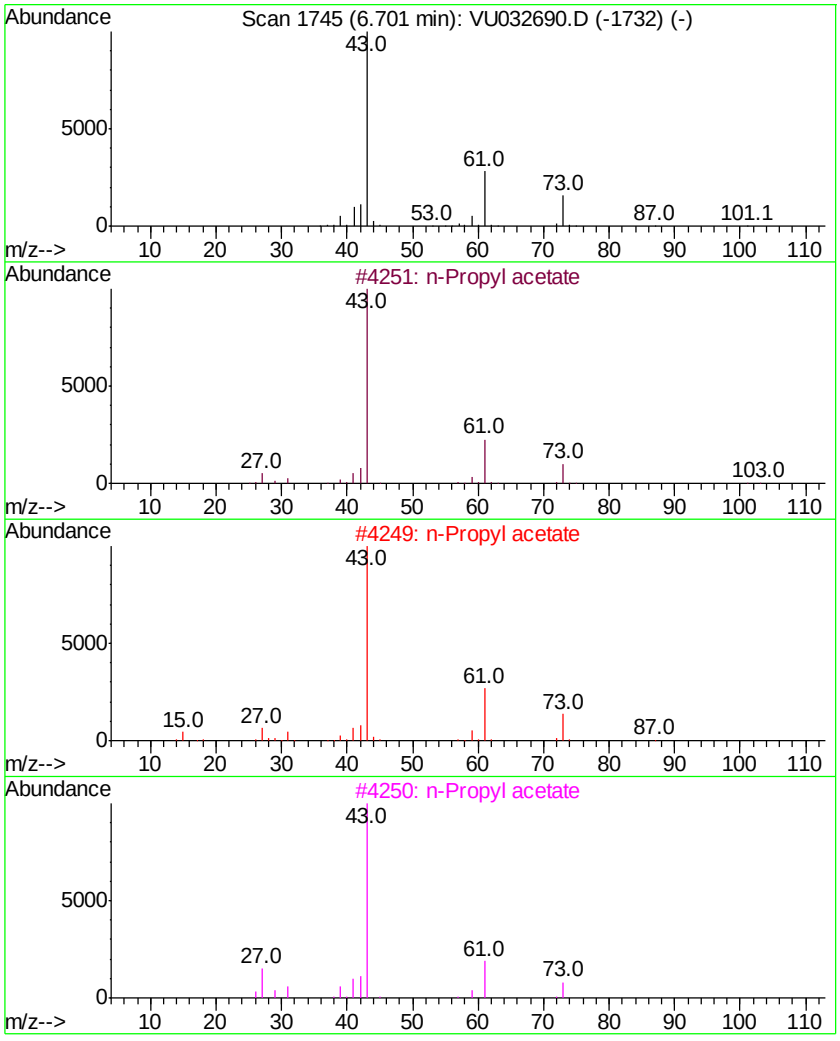
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

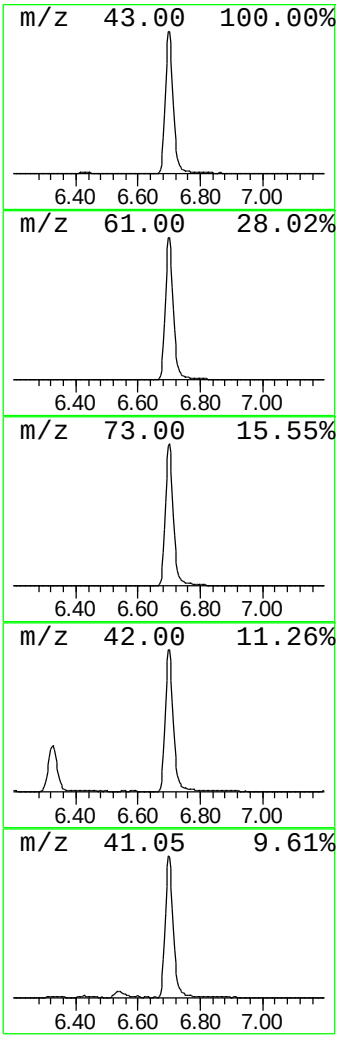
****

Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	109.83 ug/L	1004070	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	64
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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Acq On : 13 Jun 2019 13:35
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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

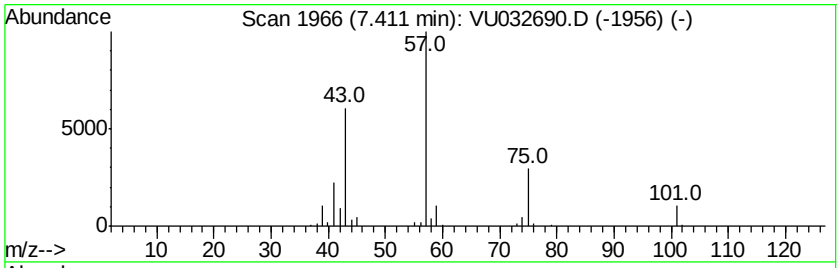
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

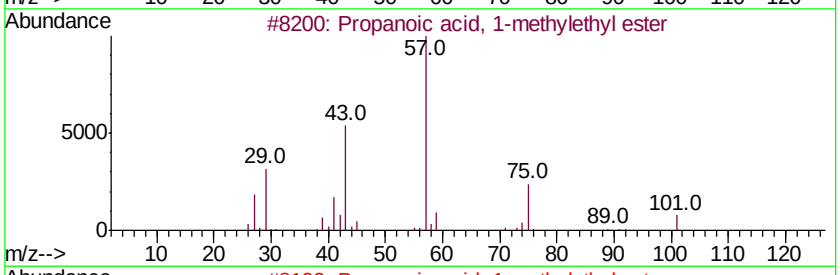
****

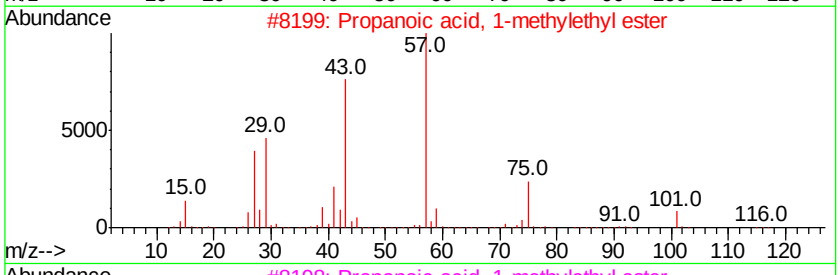
Peak Number 3 Propanoic acid, 1-methyleth... Concentration Rank 4

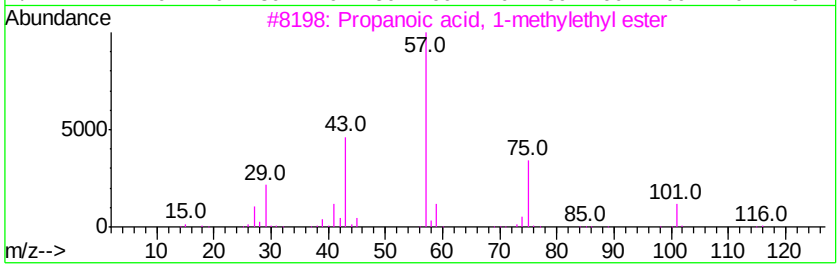
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	20.02 ug/L	183050	1,4-Difluorobenzene	5.88

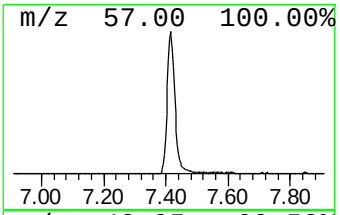
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	90
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53

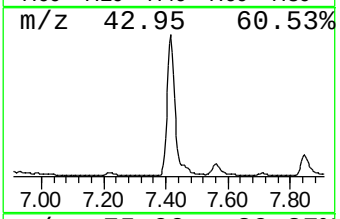


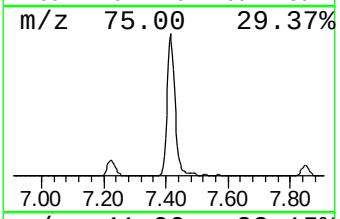


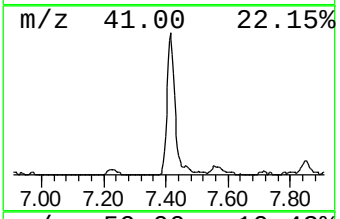


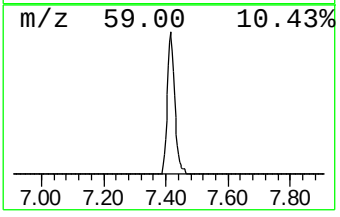












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Instrument : MSVOA_U
ClientSampleId : C0JQ6

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

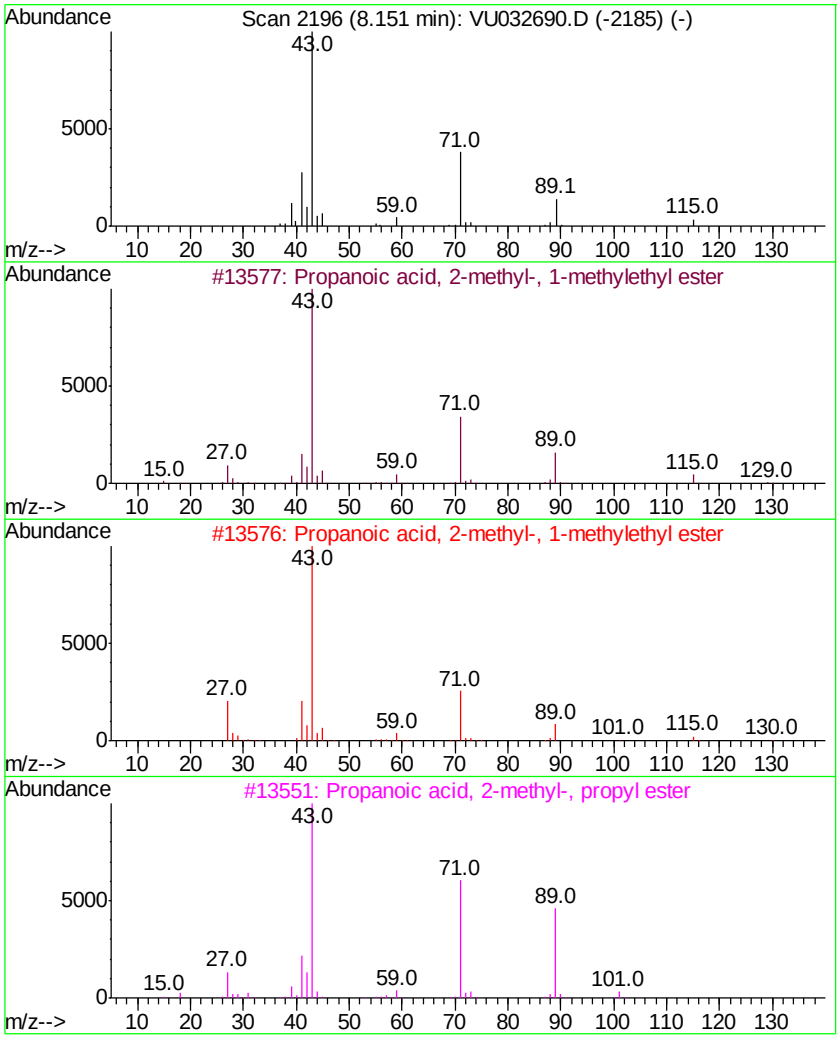
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

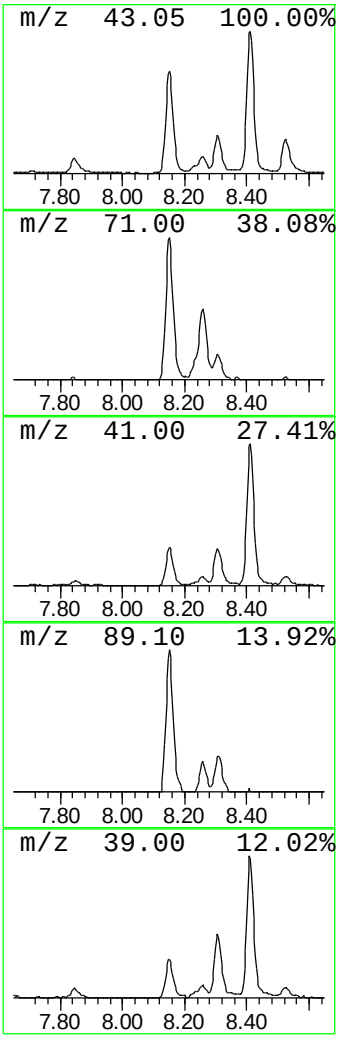
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	8.87 ug/L	94152	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	72
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64





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

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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

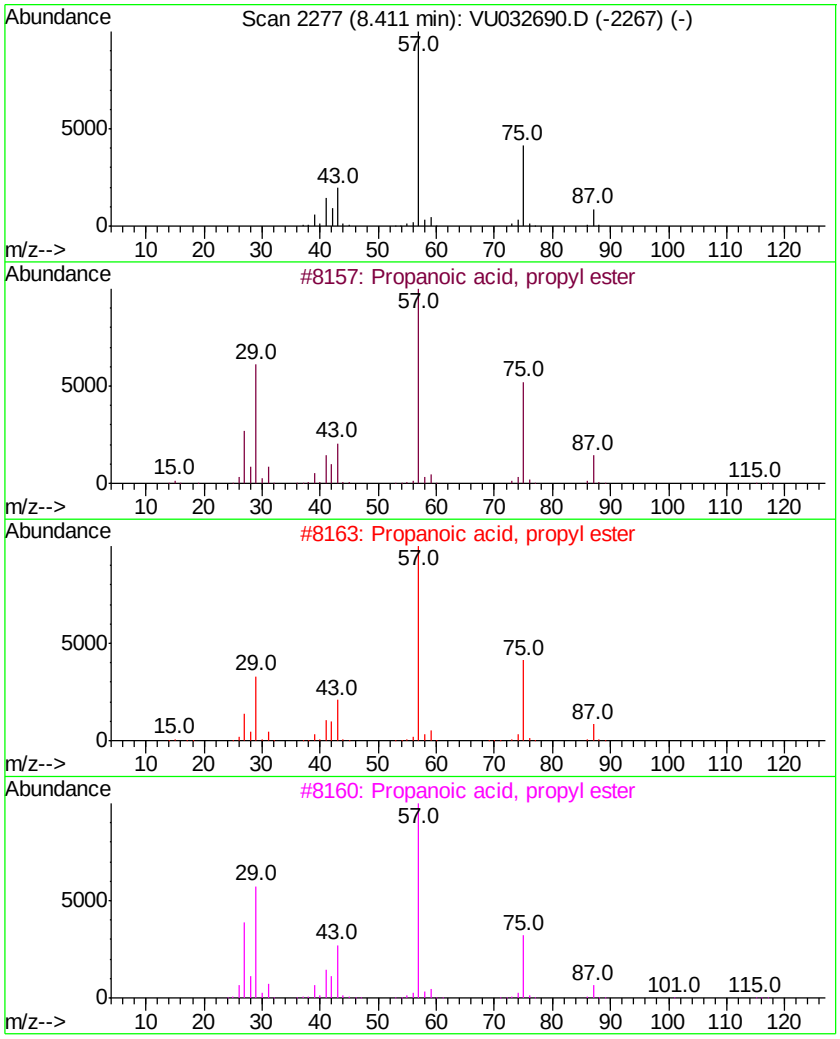
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

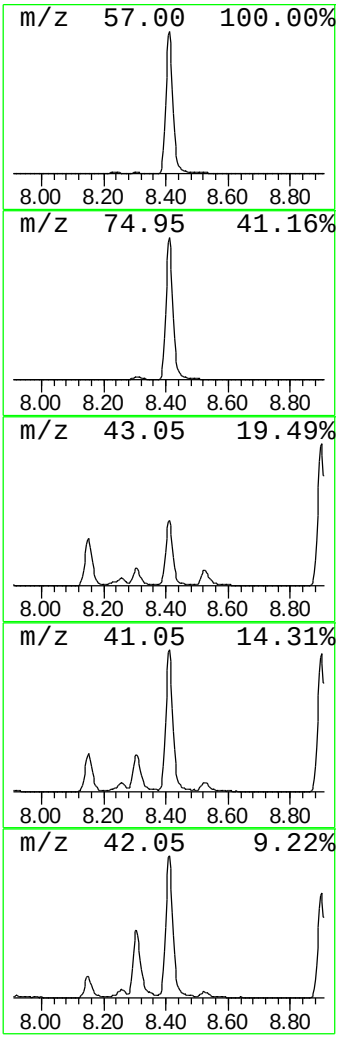
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	57.48 ug/L	610367	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





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Data File : VU032690.D
Acq On : 13 Jun 2019 13:35
Operator : JC/SP
Sample : K3286-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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

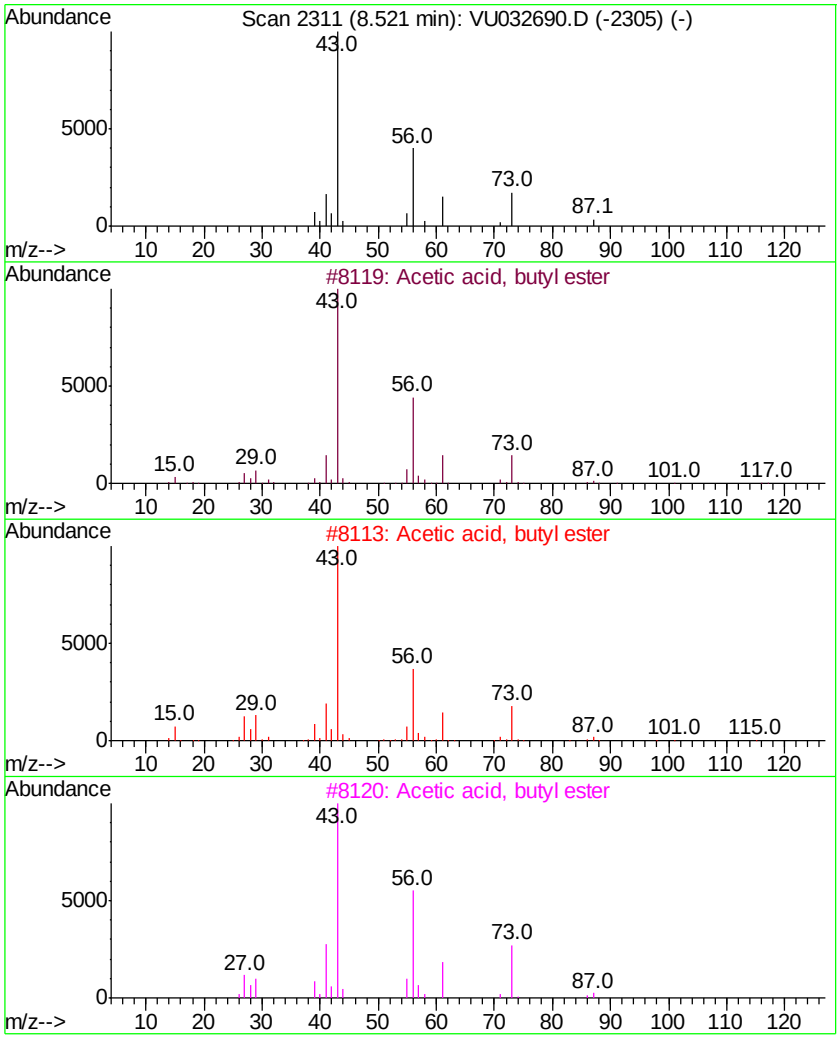
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

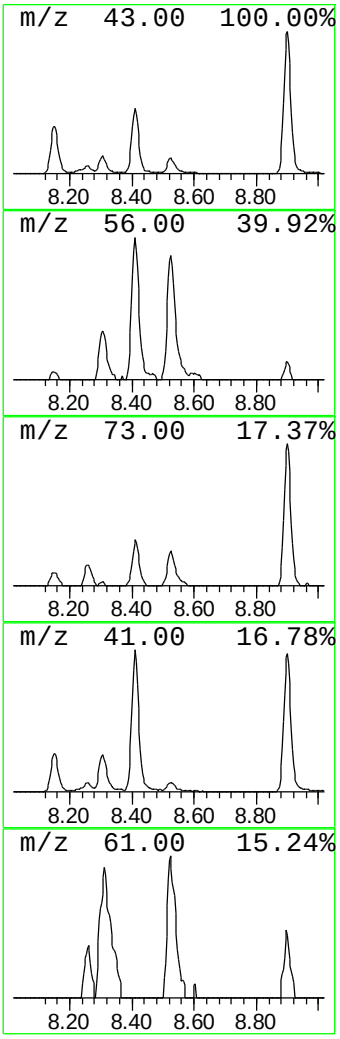
****

Peak Number 6 Acetic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3.53 ug/L	37484	Chlorobenzene-d5	9.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	83
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	83
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	56
5	Isobutyl acetate	116	C6H12O2	000110-19-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\
Data File : VU032690.D
Acq On : 13 Jun 2019 13:35
Operator : JC/SP
Sample : K3286-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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

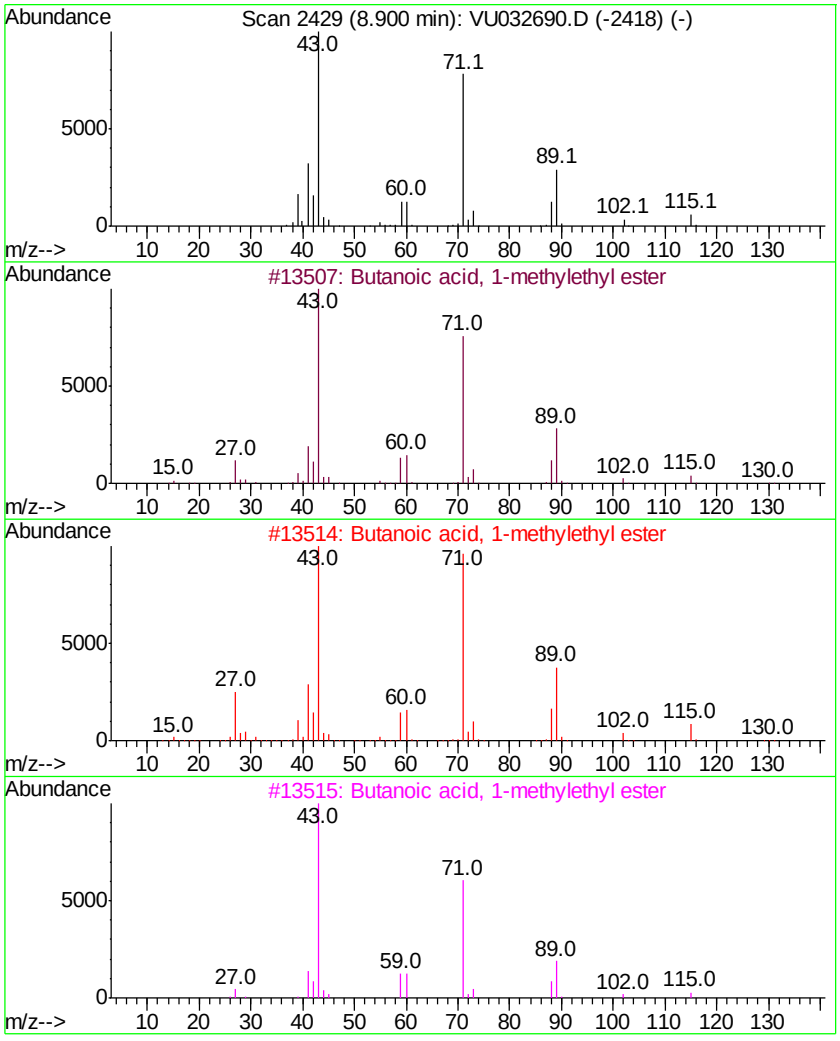
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

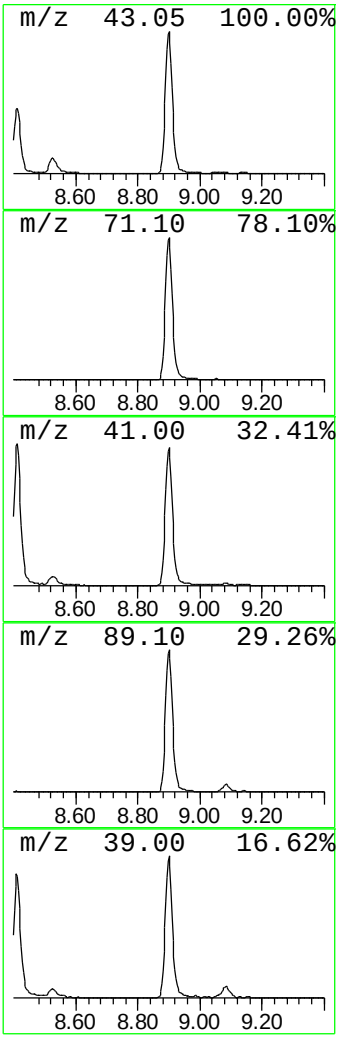
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	38.92 ug/L	413298	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-, propy...	130	C7H14O2	000644-49-5	64
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\
Data File : VU032690.D
Acq On : 13 Jun 2019 13:35
Operator : JC/SP
Sample : K3286-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ6

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	109.8	ug/L	1004070	1	5.88	457114	50.0
Propanoic acid, 1...	7.41	20.0	ug/L	183050	1	5.88	457114	50.0
Propanoic acid, 2...	8.15	8.9	ug/L	94152	2	9.08	530946	50.0
Propanoic acid, p...	8.41	57.5	ug/L	610367	2	9.08	530946	50.0
Acetic acid, buty...	8.52	3.5	ug/L	37484	2	9.08	530946	50.0
Butanoic acid, 1-...	8.90	38.9	ug/L	413298	2	9.08	530946	50.0