LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

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\SOMULM072018WMA.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	0.780	54	59	62	rVB3	257	294	0.03%	0.003%
2	0.979	115	121	125	rBV	395	338	0.03%	0.003%
3	1.088	136	155	180	rBV	349895	394997	39.62%	3.876%
4	1.400	245	252	268	rBV	99165	105251	10.56%	1.033%
5	1.474	270	275	286	rVB	4929	6644	0.67%	0.065%
6	1.683	333	340	358	rVB	84812	106321	10.67%	1.043%
7	2.275	513	524	534	rBV	193356	290098	29.10%	2.847%
8	2.445	568	577	582	rBV2	4026	6926	0.69%	0.068%
9	2.619	618	631	644	rBV	4243	8443	0.85%	0.083%
10	2.702	648	657	670	rVB3	10732	18654	1.87%	0.183%
11	2.831	692	697	700	rBV3	891	934	0.09%	0.009%
12	3.005	748	751	754	rBV2	559	388	0.04%	0.004%
13	3.114	779	785	788	rBV3	369	390	0.04%	0.004%
14	3.365	860	863	867	rBV2	363	332	0.03%	0.003%
15	3.400	870	874	877	rBV5	766	743	0.07%	0.007%
16	3.458	889	892	895	rBV2	520	294	0.03%	0.003%
17	3.497	900	904	907	rVB	557	440	0.04%	0.004%
18	3.519	907	911	914	rBV2	351	318	0.03%	0.003%
19	3.628	942	945	953	rVB2	476	476	0.05%	0.005%
20	3.728	972	976	980	rVB2	405	402	0.04%	0.004%
21	4.021	1064	1067	1071	rVB3	421	347	0.03%	0.003%
22	4.053	1071	1077	1081	rBV3	298	296	0.03%	0.003%
23	4.178	1101	1116	1138	rBV	97733	250788	25.16%	2.461%
24	4.654	1246	1264	1288	rBV	178531	415580	41.69%	4.078%
25	4.882	1327	1335	1340	rBV4	742	1090	0.11%	0.011%
26	5.345	1453	1479	1509	rVV2	333763	996841	100.00%	9.783%
27	5.477	1517	1520	1524	rVB2	477	359	0.04%	0.004%
28	5.551	1524	1543	1567	rBV2	89776	190092	19.07%	1.866%
29	5.747	1600	1604	1608	rVB3	526	407	0.04%	0.004%
30	5.892	1633	1649	1666	rBV	384378	777696	78.02%	7.632%
31	6.336	1773	1787	1806	rBV	231055	459165	46.06%	4.506%
32	6.535	1841	1849	1856	rBV2	3587	6389	0.64%	0.063%
33	6.583	1858	1864	1880	rVB3	5110	9677	0.97%	0.095%
34	6.709	1891	1903	1921	rBV	129365	230322	23.11%	2.260%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

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\SOMULM072018WMA.M
Title : VOC Analysis

35	7.056	2007	2011	2012	rBV3	378	302	0.03%	0.003%
36	7.230	2051	2065	2087	rBV	130385	236731	23.75%	2.323%
37	7.352	2099	2103	2104	rBV2	816	506	0.05%	0.005%
38	7.426	2116	2126	2134	rBV3	5721	9505	0.95%	0.093%
39	7.570	2157	2171	2187	rBV	474863	819392	82.20%	8.041%
40	7.702	2210	2212	2216	rVB5	780	528	0.05%	0.005%
41	7.731	2218	2221	2224	rBV3	727	675	0.07%	0.007%
42	7.853	2246	2259	2275	rBV	96591	164651	16.52%	1.616%
43	7.947	2286	2288	2295	rVB3	800	540	0.05%	0.005%
44	7.998	2302	2304	2307	rBV	507	306	0.03%	0.003%
45	8.184	2344	2362	2370	rBV4	9368	25301	2.54%	0.248%
46	8.313	2392	2402	2424	rVB	331309	553081	55.48%	5.428%
47	8.419	2426	2435	2451	rVB	63351	99605	9.99%	0.978%
48	8.525	2460	2468	2481	rVB2	15494	25394	2.55%	0.249%
49	8.676	2512	2515	2518	rVB3	551	315	0.03%	0.003%
50	8.699	2518	2522	2526	rBV4	490	366	0.04%	0.004%
51	8.815	2556	2558	2563	rVB3	497	428	0.04%	0.004%
52	8.908	2576	2587	2602	rVB	67831	107504	10.78%	1.055%
53	9.094	2629	2645	2669	rBV	535927	892038	89.49%	8.754%
54	9.255	2687	2695	2697	rBV2	1289	1328	0.13%	0.013%
55	9.381	2726	2734	2739	rBV6	1429	1808	0.18%	0.018%
56	9.474	2761	2763	2768	rVB3	532	432	0.04%	0.004%
57	9.654	2816	2819	2823	rBV2	341	299	0.03%	0.003%
58	9.773	2846	2856	2859	rBV3	2234	3306	0.33%	0.032%
59	9.882	2888	2890	2895	rBV3	424	290	0.03%	0.003%
60	10.017	2929	2932	2939	rBV2	511	605	0.06%	0.006%
61	10.098	2952	2957	2963	rVB3	573	803	0.08%	0.008%
62	10.162	2972	2977	2978	rBV3	673	604	0.06%	0.006%
63	10.236	2994	3000	3002	rBV5	499	561	0.06%	0.006%
64	10.300	3012	3020	3024	rBV3	775	850	0.09%	0.008%
65	10.435	3050	3062	3079	rVV	341301	541459	54.32%	5.314%
66	10.573	3100	3105	3109	rBV3	514	440	0.04%	0.004%
67	10.615	3109	3118	3127	rVV3	2537	4104	0.41%	0.040%
68	10.667	3131	3134	3139	rBV2	339	345	0.03%	0.003%
69	10.795	3172	3174	3178	rVB2	614	382	0.04%	0.004%
70	10.818	3178	3181	3187	rBV4	438	439	0.04%	0.004%
71	10.982	3226	3232	3235	rBV2	565	570	0.06%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

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\SOMULM072018WMA.M
Title : VOC Analysis

72	11.152	3283	3285	3292	rVB4	907	699	0.07%	0.007%
73	11.326	3328	3339	3342	rBV4	512	724	0.07%	0.007%
74	11.406	3355	3364	3376	rVB7	3733	6344	0.64%	0.062%
75	11.487	3376	3389	3408	rBV	598490	908609	91.15%	8.917%
76	11.586	3418	3420	3426	rVB4	955	673	0.07%	0.007%
77	11.618	3426	3430	3436	rBV3	423	512	0.05%	0.005%
78	11.770	3468	3477	3485	rBV2	9951	14361	1.44%	0.141%
79	11.863	3493	3506	3525	rBV	517484	830469	83.31%	8.150%
80	11.985	3537	3544	3552	rVB7	1043	1626	0.16%	0.016%
81	12.345	3652	3656	3657	rBV3	1110	680	0.07%	0.007%
82	12.541	3715	3717	3720	rVB	567	314	0.03%	0.003%
83	12.573	3720	3727	3730	rBV4	2923	3622	0.36%	0.036%
84	12.708	3758	3769	3780	rBV7	4218	10018	1.00%	0.098%
85	12.895	3819	3827	3833	rVB8	1761	2566	0.26%	0.025%
86	12.924	3833	3836	3839	rBV3	542	385	0.04%	0.004%
87	13.126	3891	3899	3906	rBV4	2499	3624	0.36%	0.036%
88	13.300	3950	3953	3956	rVB3	743	411	0.04%	0.004%
89	13.625	4051	4054	4057	rVB	744	510	0.05%	0.005%
90	13.647	4059	4061	4064	rVB2	546	331	0.03%	0.003%
91	13.670	4064	4068	4072	rBV3	716	602	0.06%	0.006%
92	13.747	4079	4092	4110	rBV	296095	491867	49.34%	4.827%
93	13.866	4121	4129	4140	rVB	15345	24981	2.51%	0.245%
94	14.139	4212	4214	4217	rBV	502	326	0.03%	0.003%
95	14.316	4266	4269	4272	rBV	609	463	0.05%	0.005%
96	14.882	4435	4445	4458	rBV2	19971	35203	3.53%	0.345%
97	14.985	4474	4477	4479	rBV4	1118	880	0.09%	0.009%
98	15.068	4493	4503	4518	rBV2	23542	41486	4.16%	0.407%
99	15.303	4573	4576	4580	rBV4	1066	949	0.10%	0.009%
100	16.744	5019	5024	5035	rVB	20027	28899	2.90%	0.284%

Sum of corrected areas: 10189659

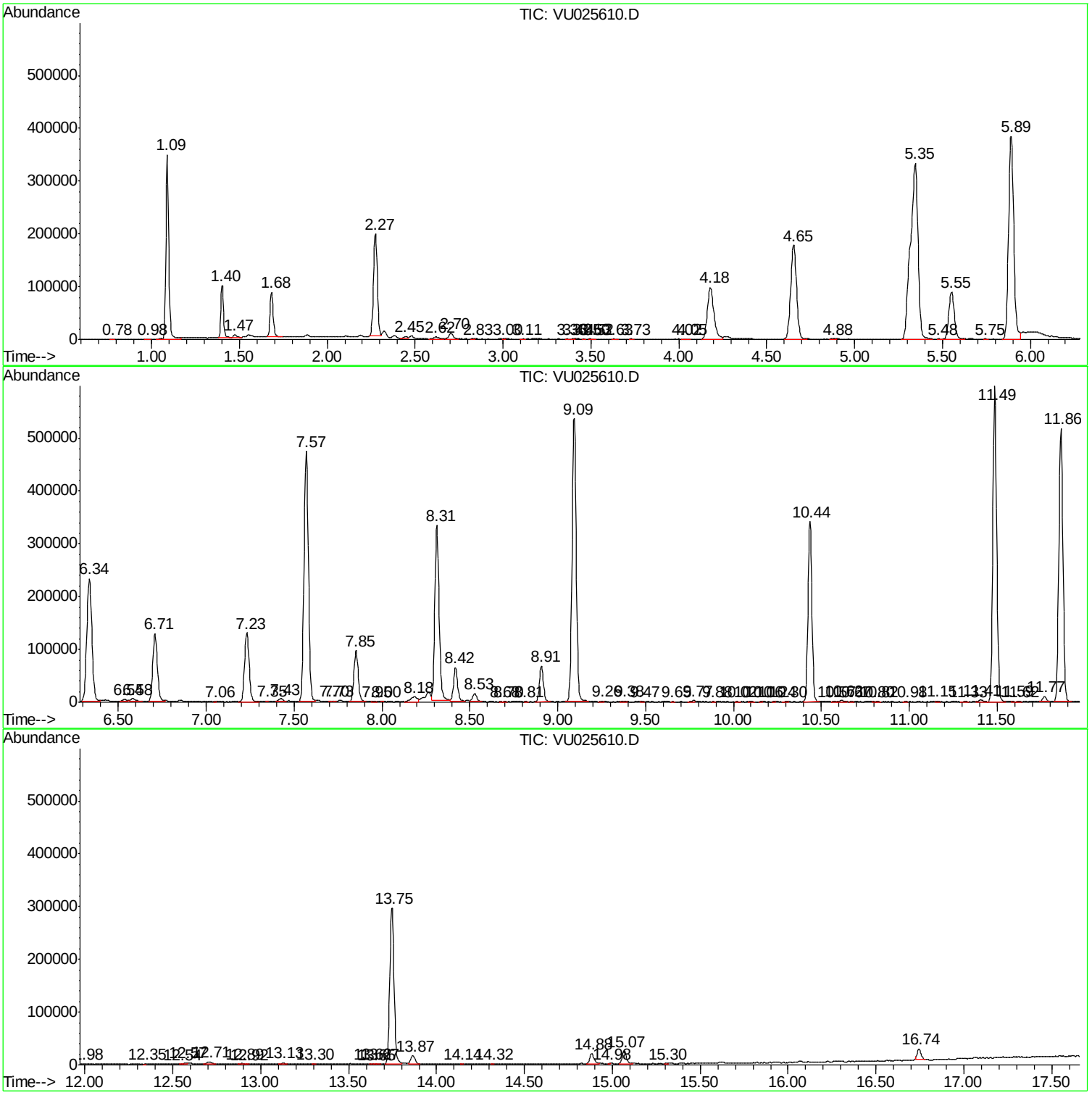
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.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\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

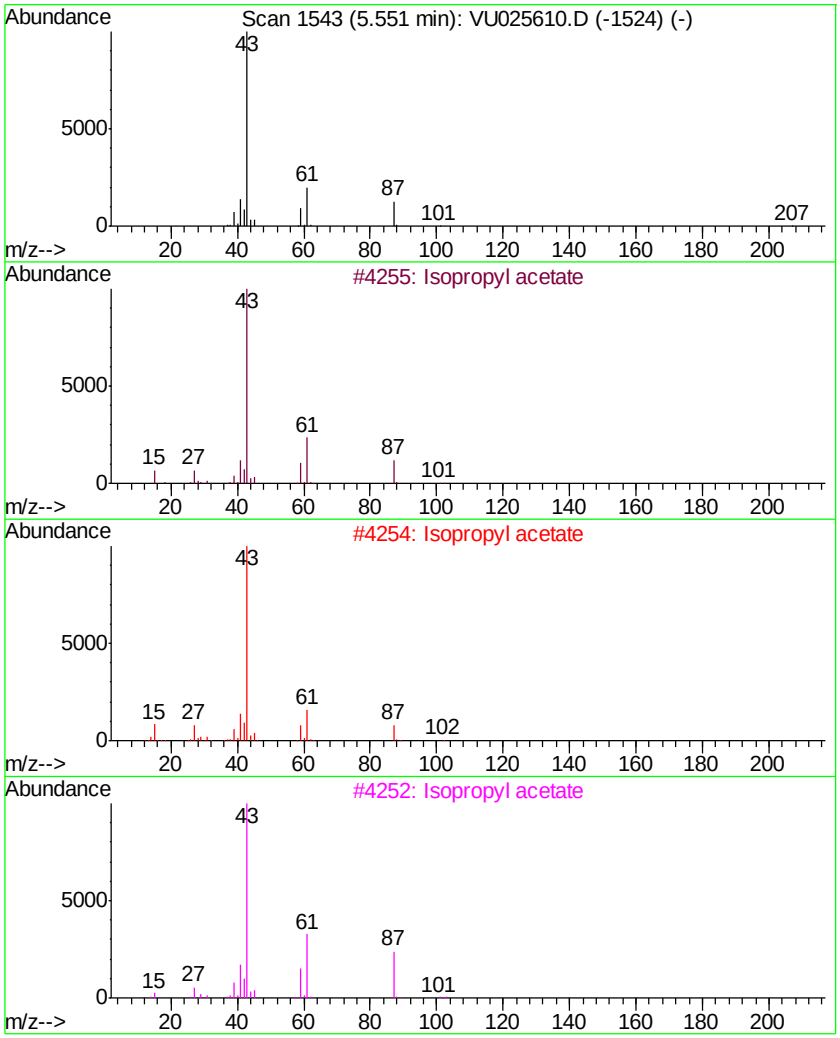
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

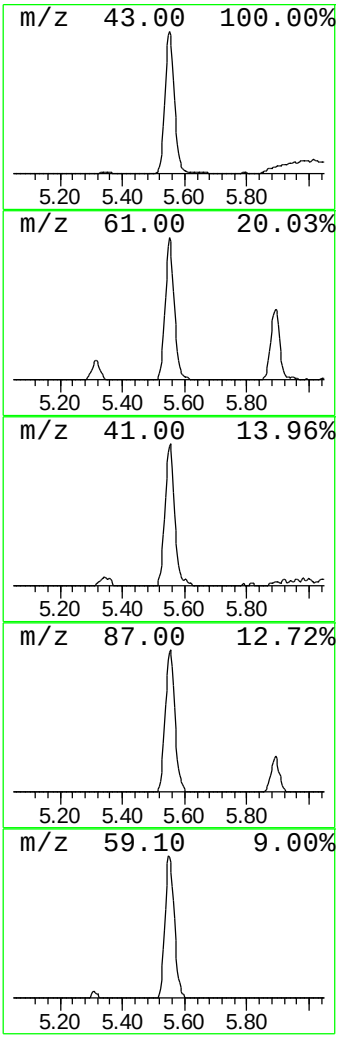
****

Peak Number 2 Isopropyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	12.22 ug/L	190092	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	83
3	Isopropyl acetate	102	C5H10O2	000108-21-4	64
4	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	38
5	2-Pentanol, acetate	130	C7H14O2	000626-38-0	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

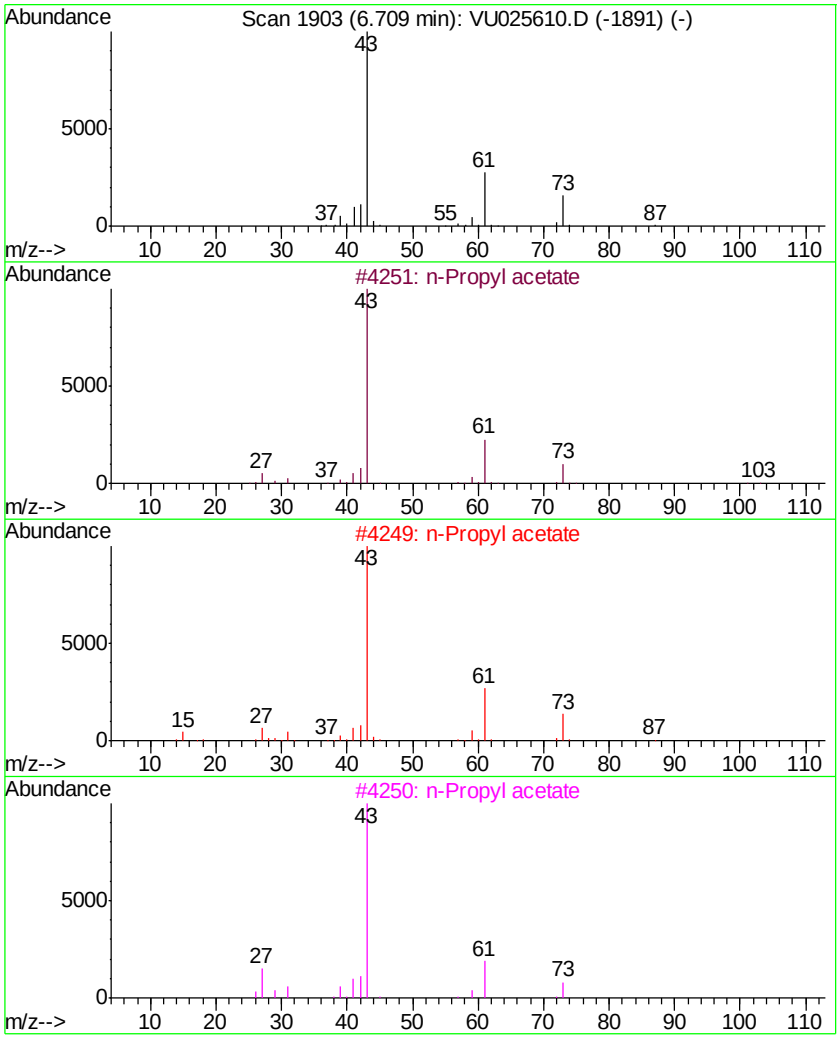
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

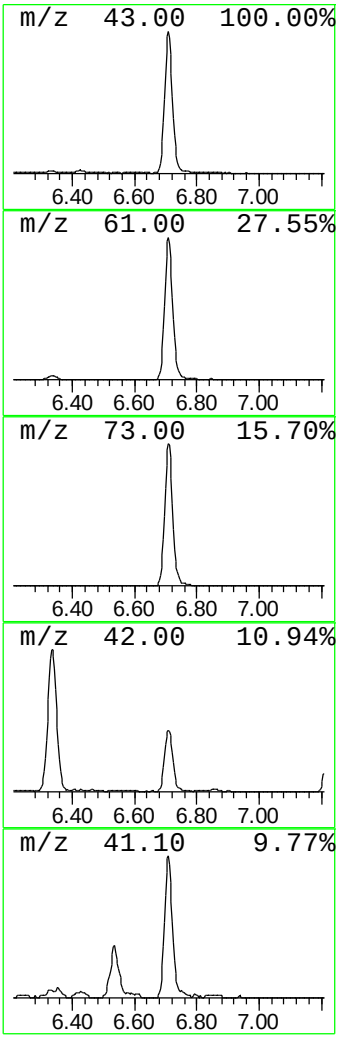
****

Peak Number 3 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	14.81 ug/L	230322	1,4-Difluorobenzene	5.89

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	Isobutylamine	73	C4H11N	000078-81-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

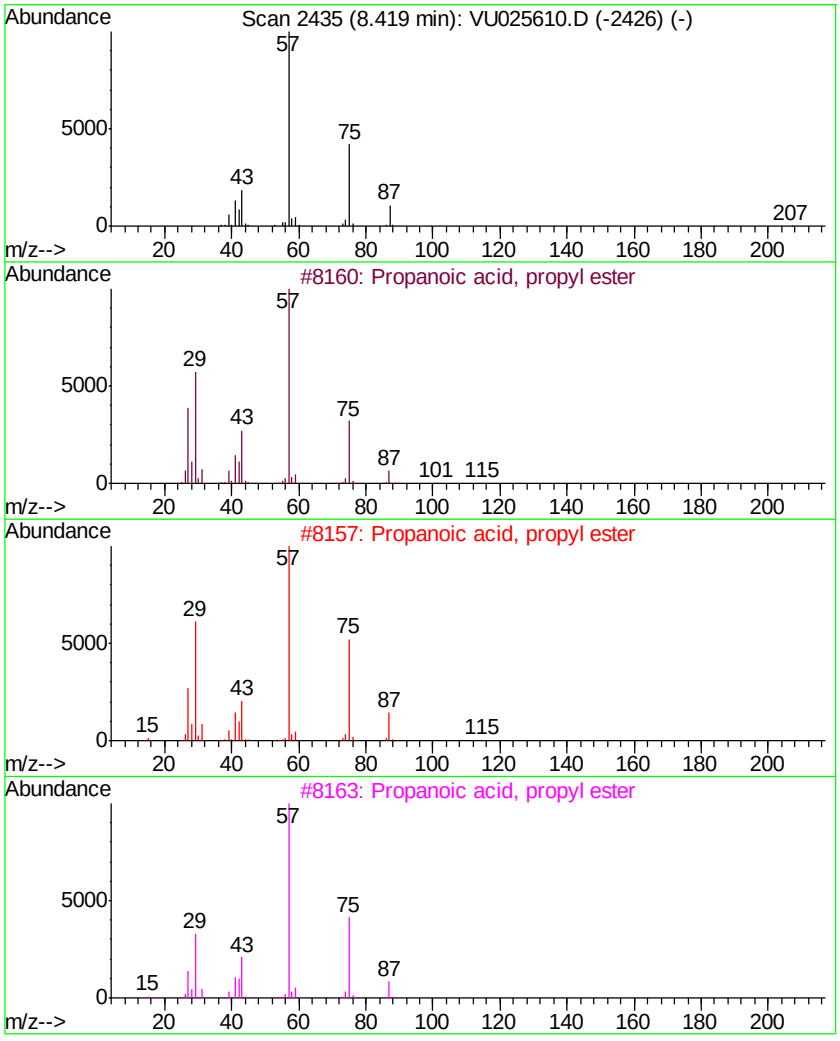
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

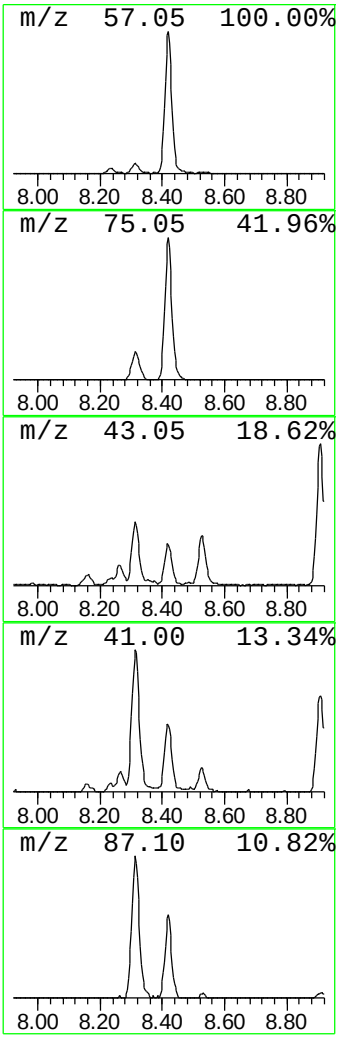
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	5.58 ug/L	99605	Chlorobenzene-d5	9.09

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	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

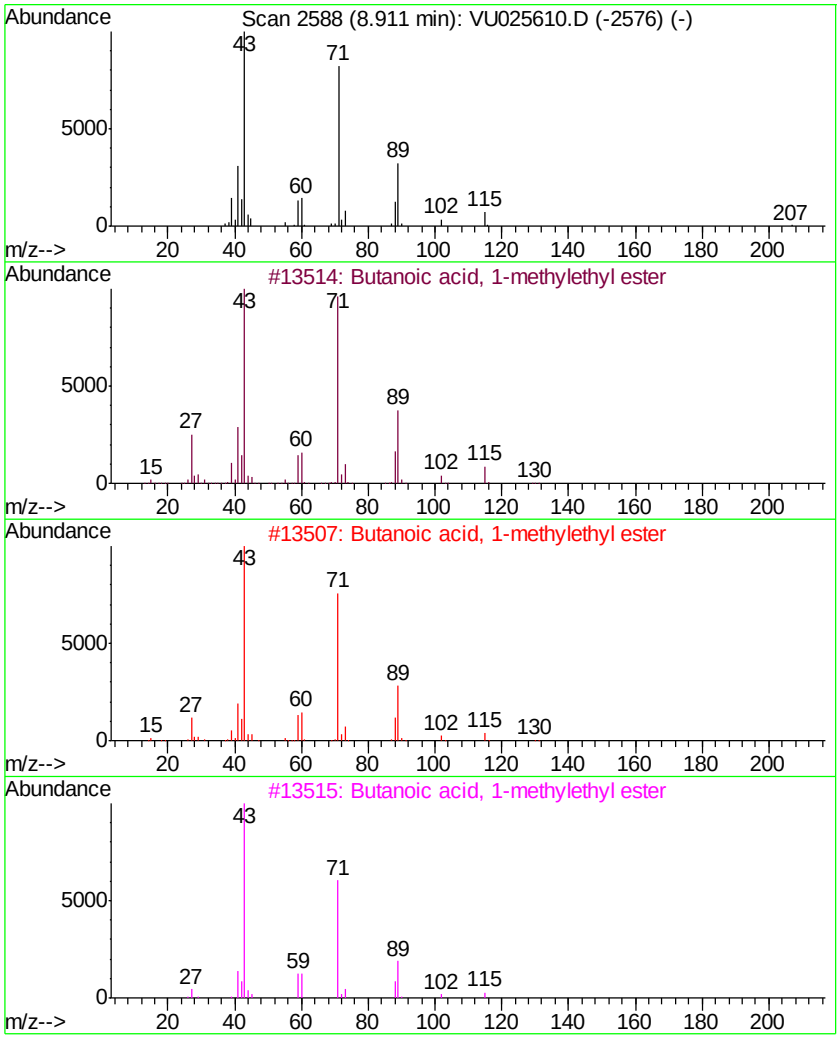
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

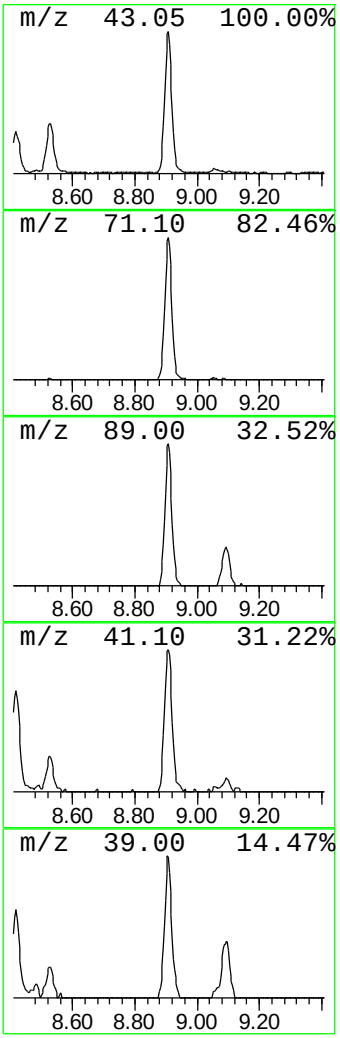
****

Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	6.03 ug/L	107504	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
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\VU072318\
Data File : VU025610.D
Acq On : 23 Jul 2018 18:41
Operator : MD/SY
Sample : J4072-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.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 acetate	5.55	12.2	ug/L	190092	1	5.89	777696	50.0
n-Propyl acetate	6.71	14.8	ug/L	230322	1	5.89	777696	50.0
Propanoic acid, p...	8.42	5.6	ug/L	99605	2	9.09	892038	50.0
Butanoic acid, 1-...	8.91	6.0	ug/L	107504	2	9.09	892038	50.0