LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

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\SFAMULM121620WMA.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	1.607	75	83	99	rVB2	645361	732627	60.68%	5.396%
2	1.916	172	179	196	rVB	168866	204277	16.92%	1.504%
3	2.520	364	367	371	rBV3	393	293	0.02%	0.002%
4	2.581	371	386	402	rBV3	490788	964921	79.92%	7.106%
5	2.771	442	445	446	rBV2	320	201	0.02%	0.001%
6	2.797	450	453	454	rBV2	408	263	0.02%	0.002%
7	3.060	525	535	546	rVB6	2750	4893	0.41%	0.036%
8	3.137	558	559	563	rVB	164	84	0.01%	0.001%
9	3.195	569	577	578	rBV3	942	1073	0.09%	0.008%
10	3.298	605	609	612	rBV2	407	273	0.02%	0.002%
11	3.317	612	615	617	rVB2	351	217	0.02%	0.002%
12	3.340	618	622	627	rBV	229	336	0.03%	0.002%
13	3.417	643	646	649	rVB	161	99	0.01%	0.001%
14	3.507	671	674	676	rBV	289	222	0.02%	0.002%
15	3.523	676	679	685	rVB2	412	432	0.04%	0.003%
16	3.559	685	690	694	rBV	326	324	0.03%	0.002%
17	3.617	706	708	713	rVB	197	144	0.01%	0.001%
18	3.694	728	732	735	rBV	186	203	0.02%	0.001%
19	3.768	753	755	758	rBV	194	149	0.01%	0.001%
20	3.916	799	801	803	rBV	143	67	0.01%	0.000%
21	4.060	844	846	848	rBV	240	142	0.01%	0.001%
22	4.118	861	864	867	rBB2	272	167	0.01%	0.001%
23	4.134	867	869	871	rBB	124	65	0.01%	0.000%
24	4.160	874	877	879	rBB	206	130	0.01%	0.001%
25	4.179	880	883	887	rBV	173	205	0.02%	0.002%
26	4.234	898	900	904	rVB	265	158	0.01%	0.001%
27	4.260	905	908	911	rBB	235	153	0.01%	0.001%
28	4.282	911	915	916	rBV	375	234	0.02%	0.002%
29	4.314	922	925	927	rVV	125	70	0.01%	0.001%
30	4.330	928	930	933	rVB	191	73	0.01%	0.001%
31	4.395	948	950	952	rVV	184	59	0.00%	0.000%
32	4.414	952	956	960	rVV	234	224	0.02%	0.002%
33	4.436	960	963	965	rVB	298	210	0.02%	0.002%
34	4.472	970	974	975	rBV	196	173	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

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\SFAMULM121620WMA.M
Title : VOC Analysis

35	4.523	989	990	991	rBV	213	63	0.01%	0.000%
36	4.552	996	999	1002	rVB	309	190	0.02%	0.001%
37	4.639	1009	1026	1042	rBV	116175	288235	23.87%	2.123%
38	4.980	1129	1132	1135	rBV	300	219	0.02%	0.002%
39	5.022	1141	1145	1146	rBV	213	157	0.01%	0.001%
40	5.086	1146	1165	1189	rBV3	282505	876887	72.63%	6.458%
41	5.263	1217	1220	1224	rVB	415	318	0.03%	0.002%
42	5.288	1224	1228	1229	rBV2	820	581	0.05%	0.004%
43	5.369	1250	1253	1255	rBV	202	129	0.01%	0.001%
44	5.449	1276	1278	1281	rBV	125	113	0.01%	0.001%
45	5.536	1288	1305	1325	rBV2	272345	596983	49.44%	4.397%
46	5.633	1333	1335	1338	rVB2	343	184	0.02%	0.001%
47	5.652	1338	1341	1342	rBV	176	121	0.01%	0.001%
48	5.661	1342	1344	1345	rBV	275	113	0.01%	0.001%
49	5.739	1346	1368	1375	rBV2	453879	1207379	100.00%	8.892%
50	6.073	1466	1472	1473	rBV3	2217	1966	0.16%	0.014%
51	6.260	1517	1530	1555	rVB	400068	753873	62.44%	5.552%
52	6.552	1606	1621	1644	rBV	422087	787859	65.25%	5.802%
53	6.700	1653	1667	1686	rBV	269949	525066	43.49%	3.867%
54	6.931	1731	1739	1740	rBV2	976	1060	0.09%	0.008%
55	7.047	1762	1775	1793	rBV	100524	177598	14.71%	1.308%
56	7.192	1815	1820	1830	rVB5	1628	2828	0.23%	0.021%
57	7.237	1832	1834	1837	rVB2	247	102	0.01%	0.001%
58	7.285	1847	1849	1853	rVB2	379	196	0.02%	0.001%
59	7.321	1858	1860	1862	rBV	173	111	0.01%	0.001%
60	7.391	1880	1882	1886	rVB	165	79	0.01%	0.001%
61	7.420	1888	1891	1892	rBV	215	93	0.01%	0.001%
62	7.472	1903	1907	1911	rBV2	239	263	0.02%	0.002%
63	7.517	1918	1921	1923	rBV2	185	124	0.01%	0.001%
64	7.571	1924	1938	1956	rBV	159037	277647	23.00%	2.045%
65	7.745	1981	1992	2001	rBV2	15126	24377	2.02%	0.180%
66	7.903	2027	2041	2066	rBV	582876	992162	82.17%	7.307%
67	8.124	2108	2110	2112	rBV	190	96	0.01%	0.001%
68	8.182	2114	2128	2146	rVV	113367	190619	15.79%	1.404%
69	8.314	2166	2169	2172	rBV	387	244	0.02%	0.002%
70	8.468	2208	2217	2225	rBV3	4522	7686	0.64%	0.057%
71	8.555	2231	2244	2258	rBV	410737	698747	57.87%	5.146%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

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\SFAMULM121620WMA.M
Title : VOC Analysis

72	8.639	2258	2270	2287	rVV	394562	677752	56.13%	4.991%
73	8.729	2289	2298	2312	rVB	177320	282068	23.36%	2.077%
74	8.835	2323	2331	2344	rVB2	17838	27931	2.31%	0.206%
75	9.047	2395	2397	2400	rVB	304	135	0.01%	0.001%
76	9.134	2419	2424	2428	rBV	332	348	0.03%	0.003%
77	9.166	2433	2434	2435	rVV	245	60	0.00%	0.000%
78	9.211	2436	2448	2469	rVV	100425	155853	12.91%	1.148%
79	9.346	2486	2490	2491	rBV2	414	233	0.02%	0.002%
80	9.420	2499	2513	2516	rBV	548914	848927	70.31%	6.252%
81	9.642	2580	2582	2586	rBV2	335	175	0.01%	0.001%
82	9.677	2591	2593	2597	rVV	316	205	0.02%	0.002%
83	9.722	2604	2607	2611	rBV2	217	187	0.02%	0.001%
84	9.748	2613	2615	2616	rBV2	187	87	0.01%	0.001%
85	9.877	2653	2655	2657	rBV	172	80	0.01%	0.001%
86	9.915	2665	2667	2670	rBV	451	278	0.02%	0.002%
87	10.073	2709	2716	2724	rBV4	3536	4895	0.41%	0.036%
88	10.166	2741	2745	2750	rBV2	217	221	0.02%	0.002%
89	10.562	2866	2868	2870	rBV	231	78	0.01%	0.001%
90	10.755	2914	2928	2951	rVB	389068	627749	51.99%	4.623%
91	10.880	2964	2967	2971	rBV	386	257	0.02%	0.002%
92	11.076	3023	3028	3029	rBV	470	329	0.03%	0.002%
93	11.144	3047	3049	3052	rBV	231	58	0.00%	0.000%
94	11.324	3102	3105	3106	rBV	302	164	0.01%	0.001%
95	11.420	3132	3135	3137	rBV	172	104	0.01%	0.001%
96	11.809	3243	3256	3259	rBV	517726	782301	64.79%	5.761%
97	11.954	3299	3301	3308	rVB	192	95	0.01%	0.001%
98	12.185	3360	3373	3391	rBV	521294	839595	69.54%	6.183%
99	13.285	3712	3715	3717	rBV	277	176	0.01%	0.001%
100	13.774	3863	3867	3870	rBV2	343	321	0.03%	0.002%

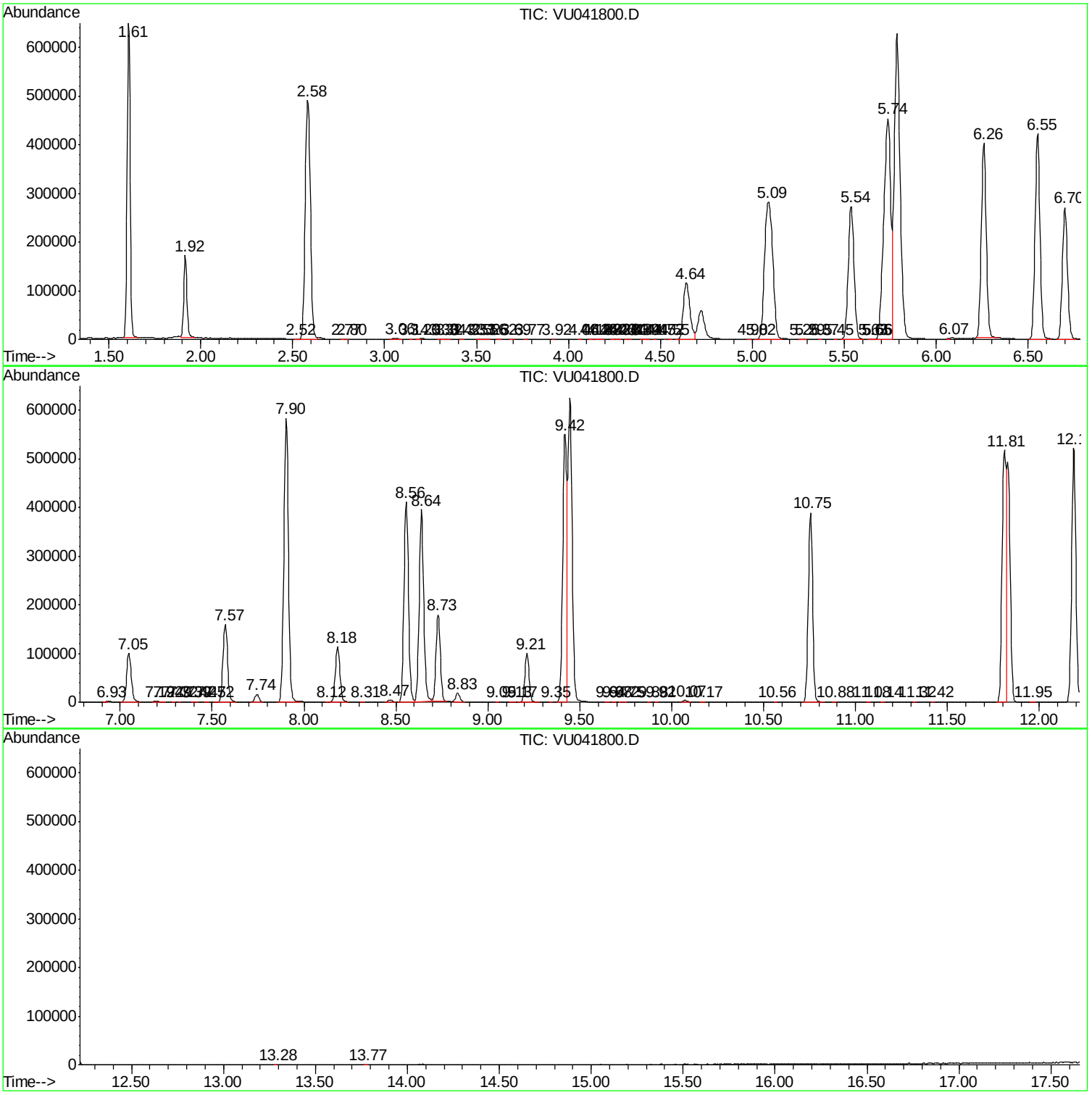
Sum of corrected areas: 13578291

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.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\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
Quant Title : VOC Analysis

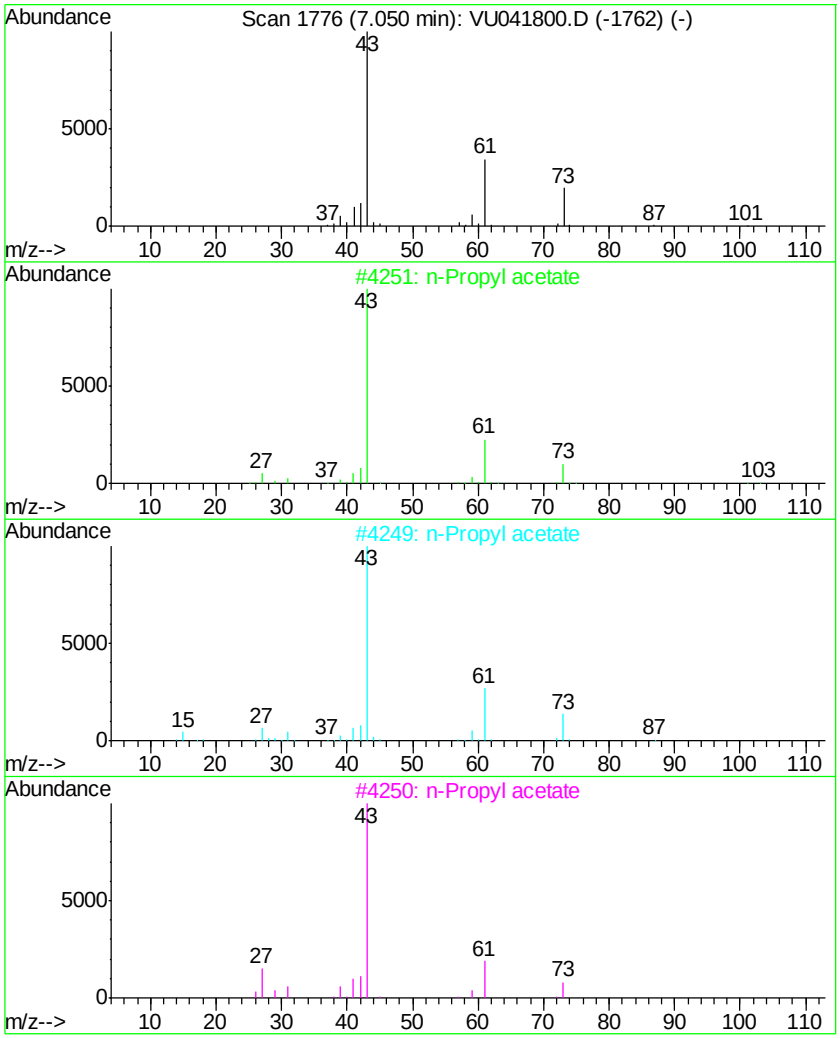
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

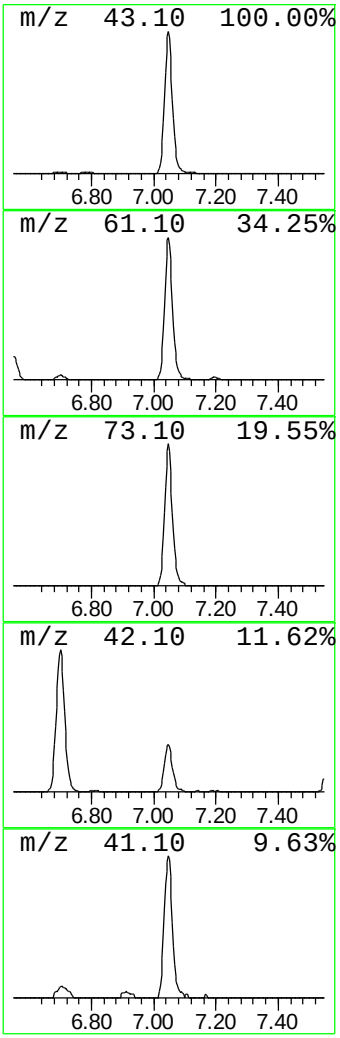
****

Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	11.78 ug/L	177598	1,4-Difluorobenzene	6.26

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	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	38
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
Quant Title : VOC Analysis

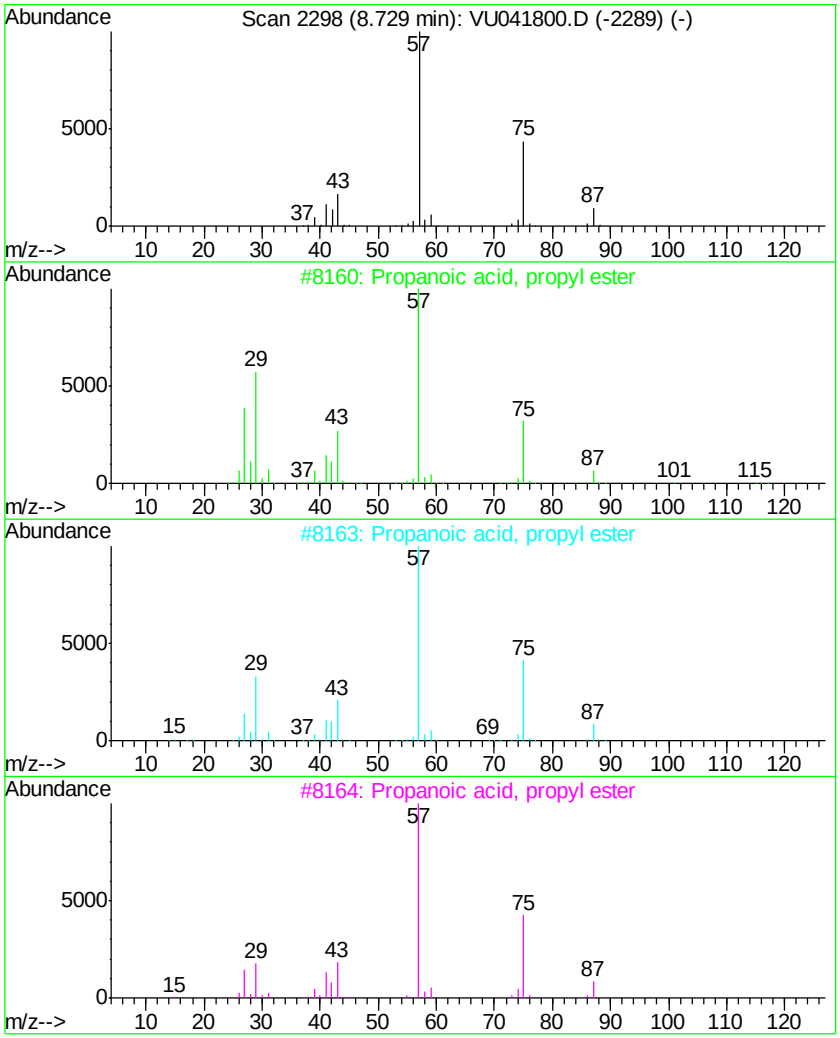
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

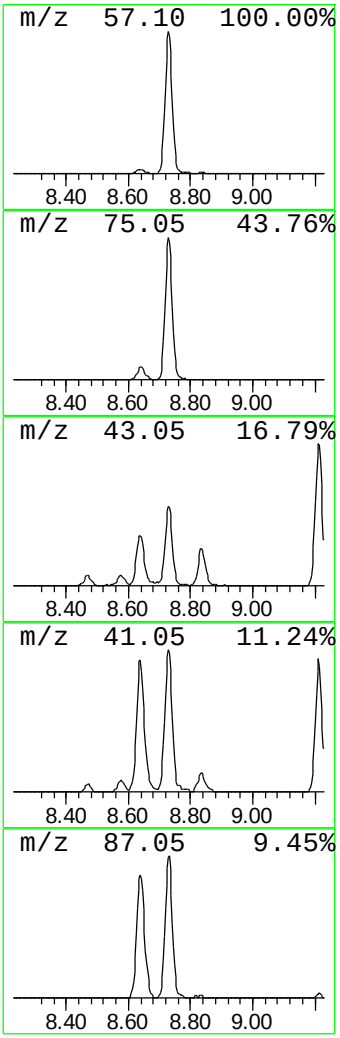
****

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	16.61 ug/L	282068	Chlorobenzene-d5	9.42

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	74
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
Quant Title : VOC Analysis

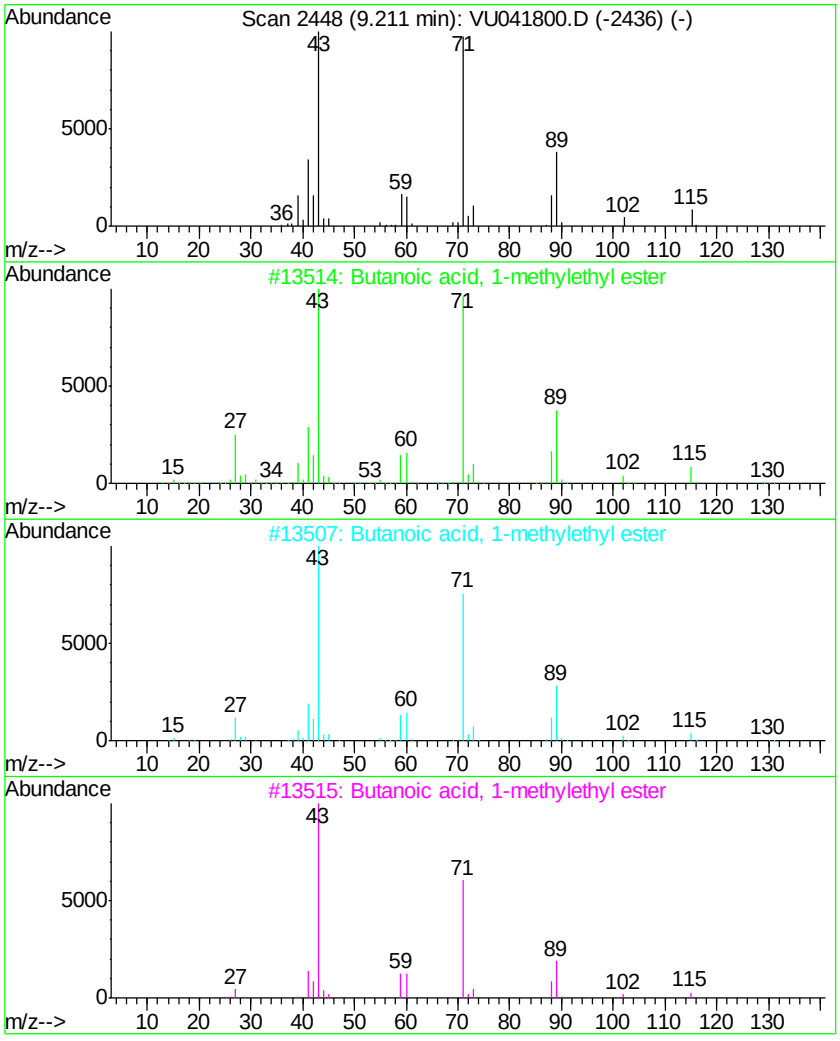
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

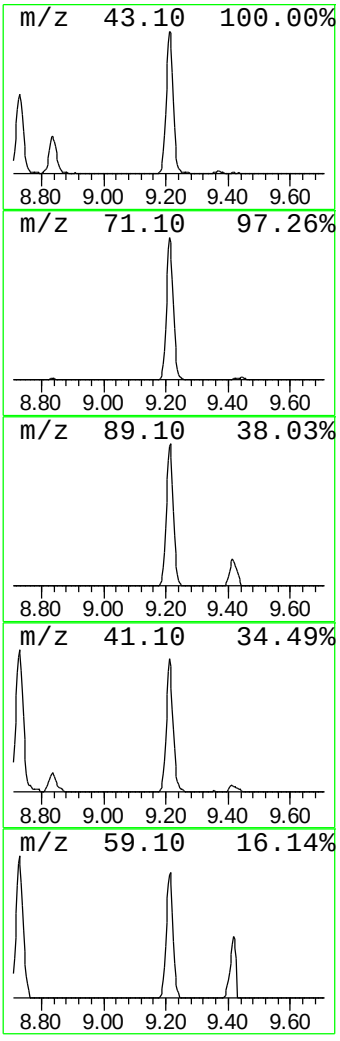
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	9.18 ug/L	155853	Chlorobenzene-d5	9.42

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	83
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
5	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
Quant Title : VOC Analysis

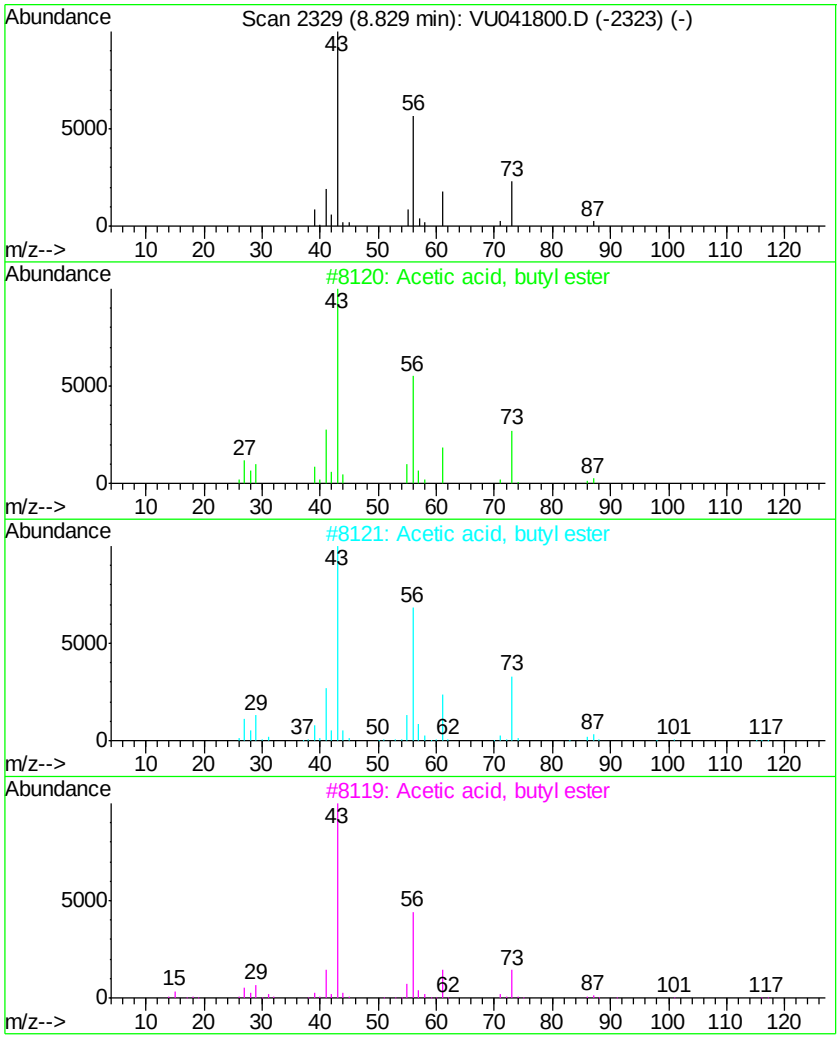
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

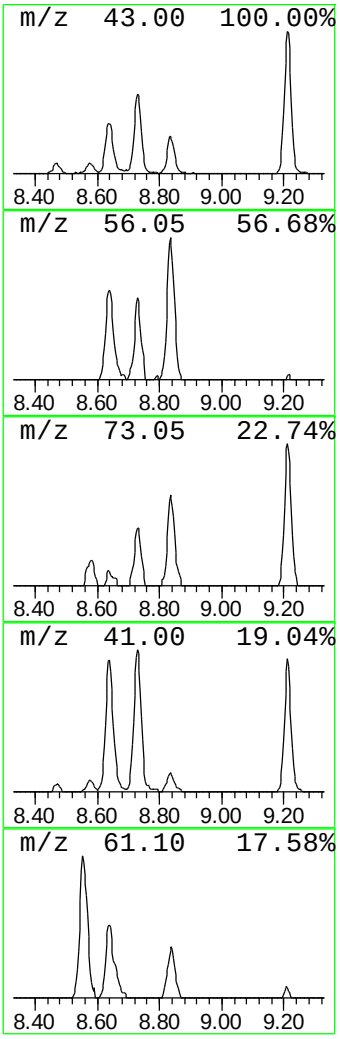
****

Peak Number 5 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	1.65 ug/L	27931	Chlorobenzene-d5	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	90
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	83
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	74
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
5	Butane, 1-propoxy-	116	C7H16O	003073-92-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122420\
Data File : VU041800.D
Acq On : 24 Dec 2020 10:33
Operator : SY/MD
Sample : L5183-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2T97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.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	7.05	11.8	ug/L	177598	1	6.26	753873	50.0
Propanoic acid, p...	8.73	16.6	ug/L	282068	2	9.42	848927	50.0
Butanoic acid, 1-...	9.21	9.2	ug/L	155853	2	9.42	848927	50.0
Acetic acid, buty...	8.83	1.6	ug/L	27931	2	9.42	848927	50.0